

**CITY OF REDONDO BEACH
PUBLIC AMENITIES COMMISSION AGENDA
Wednesday, August 13, 2025**

415 DIAMOND STREET, REDONDO BEACH

CITY COUNCIL CHAMBER

REGULAR MEETING OF THE PUBLIC AMENITIES COMMISSION - 6:30PM

**ALL PUBLIC MEETINGS HAVE RESUMED IN THE COUNCIL CHAMBER.
MEMBERS OF THE PUBLIC MAY PARTICIPATE IN-PERSON, BY ZOOM,
EMAIL OR eCOMMENT.**

Public Amenities Commission meetings are broadcast live through Spectrum Cable, Channel 8, and Frontier Communications, Channel 41. Live streams and indexed archives of meetings are available via internet. Visit the City's office website at www.Redondo.org/rbtv.

TO WATCH MEETING LIVE ON CITY'S WEBSITE:

<https://redondo.legistar.com/Calendar.aspx>

*Click "In Progress" hyperlink under Video section of meeting

TO WATCH MEETING LIVE ON YOUTUBE:

<https://www.youtube.com/c/CityofRedondoBeachIT>

TO JOIN ZOOM MEETING (FOR PUBLIC COMMENT ONLY):

Register in advance for this meeting:

https://www.zoomgov.com/webinar/register/WN_Pz68J0sARViFtoZ9kjJBQ

After registering, you will receive a confirmation email containing information about joining the meeting.

If you are participating by phone, be sure to provide your phone # when registering. You will be provided a Toll Free number and a Meeting ID to access the meeting. Note; press # to bypass Participant ID. Attendees will be muted until the public participation period is opened. When you are called on to speak, press *6 to unmute your line. Note, comments from the public are limited to 3 minutes per speaker.

eCOMMENT: COMMENTS MAY BE ENTERED DIRECTLY ON WEBSITE AGENDA PAGE:

<https://redondo.granicusideas.com/meetings>

- 1) Public comments can be entered before and during the meeting.
- 2) Select a SPECIFIC AGENDA ITEM to enter your comment;
- 3) Public will be prompted to Sign-Up to create a free personal account (one-time) and then comments may be added to each Agenda item of interest.
- 4) Public comments entered into eComment (up to 2200 characters; equal to approximately 3 minutes of oral comments) will become part of the official meeting record. Comments may be read out loud during the meeting.

EMAIL: TO PARTICIPATE BY WRITTEN COMMUNICATION WITH ATTACHED DOCUMENTS BEFORE 3PM DAY OF MEETING:

Written materials that include attachments pertaining to matters listed on the posted agenda received after the agenda has been published will be added as supplemental materials under

the relevant agenda item. Dana.Vinke@Redondo.org

REGULAR MEETING OF THE PUBLIC AMENITIES COMMISSION - 6:30PM

A. CALL TO ORDER

B. ROLL CALL

C. SALUTE TO THE FLAG

D. APPROVE ORDER OF AGENDA

E. BLUE FOLDER ITEMS - ADDITIONAL BACK UP MATERIALS

Blue folder items are additional back up material to administrative reports and/or public comments received after the printing and distribution of the agenda packet for receive and file.

E.1. [For Blue Folder Documents](#)

F. CONSENT CALENDAR

Business items, except those formally noticed for public hearing, or those pulled for discussion are assigned to the Consent Calendar. The Commission Members may request that any Consent Calendar item(s) be removed, discussed, and acted upon separately. Items removed from the Consent Calendar will be taken up under the "Excluded Consent Calendar" section below. Those items remaining on the Consent Calendar will be approved in one motion. The Chair will call on anyone wishing to address the Commission on any Consent Calendar item on the agenda, which has not been pulled by the Commission for discussion. Each speaker will be permitted to speak only once and comments will be limited to a total of three minutes.

F.1. [APPROVE AFFIDAVIT OF POSTING FOR THE REDONDO BEACH PUBLIC AMENITIES COMMISSION MEETING OF AUGUST 13, 2025](#)

F.2. [APPROVE THE REDONDO BEACH PUBLIC AMENITIES COMMISSION MINUTES OF JULY 9, 2025](#)

F.3. [RECEIVE AND FILE COMMUNITY SERVICES DEPARTMENT UPDATES RELATED TO HISTORICAL & PARKS AND RECREATION ACTIVITIES](#)

F.4. [RECEIVE AND FILE LIBRARY DIRECTOR'S REPORT](#)

G. EXCLUDED CONSENT CALENDAR ITEMS

H. PUBLIC PARTICIPATION ON NON-AGENDA ITEMS

This section is intended to provide members of the public with the opportunity to comment on any subject that does not appear on this agenda for action. This section is limited to 30 minutes. Each speaker will be afforded three minutes to address the Commission. Each speaker will be permitted to speak only once. Written requests, if any, will be considered first under this section.

H.1. [For eComments and Emails Received from the Public](#)

I. EX PARTE COMMUNICATION

This section is intended to allow all officials the opportunity to reveal any disclosure or ex parte communication about the following public hearings.

J. PUBLIC HEARINGS

J.1. A PUBLIC HEARING CONSIDERING A CEQA EXEMPTION DECLARATION AND CERTIFICATE OF APPROPRIATENESS application FOR THE demolition of a POTENTIALLY HISTORIC single-family residential structure, AND SEPARATE CONSIDERATION OF REMOVAL FROM THE POTENTIAL HISTORIC RESOURCES LIST AT 1811 clark lane, pursuant to Chapter 4, Title 10 of the Redondo Beach Municipal Code.

APPLICANT: Ronald Carl Seydel

ADDRESS: 1811 Clark Lane

APPLICATION NO: 2025-0091

RECOMMENDATION:

1. Open public hearing and administer oath;
2. Take testimony from staff, applicant, and interested parties;
3. Close public hearing and deliberate; and
4. Adopt a resolution by title only approving the request to remove the property from the Potential Historic Resources List subject to the findings and conditions contained therein, but if denied; then
5. Adopt a resolution by title only approving the Certificate of Appropriateness for the demolition of the residence at 1811 Clark Lane.

A. A RESOLUTION OF THE PUBLIC AMENITIES COMMISSION OF THE CITY OF REDONDO BEACH, CALIFORNIA APPROVING THE REMOVAL OF A PROPERTY AT 1811 CLARK LANE FROM THE POTENTIALLY HISTORIC RESOURCES INVENTORY, PURSUANT TO CHAPTER 4, TITLE 10 OF THE REDONDO BEACH MUNICIPAL CODE.

B. A RESOLUTION OF THE PUBLIC AMENITIES COMMISSION OF THE CITY OF REDONDO BEACH, CALIFORNIA APPROVING A CEQA EXEMPTION DECLARATION AND CERTIFICATE OF APPROPRIATENESS THE demolition of a POTENTIALLY HISTORIC single-family residential structure AT 1811 Clark lane, PURSUANT TO CHAPTER 4, TITLE 10 OF THE REDONDO BEACH MUNICIPAL CODE.

J.2. A PUBLIC HEARING CONSIDERING A CEQA EXEMPTION DECLARATION AND CERTIFICATE OF APPROPRIATENESS APPLICATION FOR THE DEMOLITION OF A POTENTIALLY HISTORIC SINGLE-FAMILY RESIDENTIAL STRUCTURE, AND SEPARATE CONSIDERATION OF REMOVAL FROM THE POTENTIAL HISTORIC RESOURCES LIST AT 1224 HARPER AVENUE, PURSUANT TO CHAPTER 4, TITLE 10 OF THE REDONDO BEACH MUNICIPAL CODE.

APPLICANT: Mickel Khayat

ADDRESS: 1224 Harper Avenue

APPLICATION NO: 2025-0255

RECOMMENDATION:

1. Open public hearing and administer oath;
2. Take testimony from staff, applicant, and interested parties;
3. Close public hearing and deliberate; and

4. Adopt a resolution by title only approving the request to remove the property from the Potential Historic Resources List subject to the findings and conditions contained therein, but if denied; then

5. Adopt a resolution by title only approving the Certificate of Appropriateness for the demolition of the residence at 1224 Harper Avenue.

A. A RESOLUTION OF THE PUBLIC AMENITIES COMMISSION OF THE CITY OF REDONDO BEACH, CALIFORNIA APPROVING THE REMOVAL OF A PROPERTY AT 1224 HARPER AVENUE FROM THE POTENTIALLY HISTORIC RESOURCES INVENTORY, PURSUANT TO CHAPTER 4, TITLE 10 OF THE REDONDO BEACH MUNICIPAL CODE.

B. A RESOLUTION OF THE PUBLIC AMENITIES COMMISSION OF THE CITY OF REDONDO BEACH, CALIFORNIA APPROVING A CEQA EXEMPTION DECLARATION AND CERTIFICATE OF APPROPRIATENESS THE demolition of a POTENTIALLY HISTORIC single-family residential structure AT 1224 Harper avenue, PURSUANT TO CHAPTER 4, TITLE 10 OF THE REDONDO BEACH MUNICIPAL CODE.

K. ITEMS CONTINUED FROM PREVIOUS AGENDAS

L. ITEMS FOR DISCUSSION PRIOR TO ACTION

L.1. PRESENTATION OF VOLUNTEER ACKNOWLEDGEMENT CERTIFICATES TO CARL LEACH AND MATTHEW MCCAULEY

CONTACT: KELLY ORTA, DEPUTY COMMUNITY SERVICES DIRECTOR

L.2. STAFF PRESENTATION AND OVERVIEW OF THE CITY'S HISTORIC PRESERVATION PROGRAM

L.3. COMMISSION SUBCOMMITTEE REVIEW AND PROJECT UPDATE

M. ITEMS FROM STAFF

N. COMMISSION MEMBER ITEMS AND FUTURE COMMISSION AGENDA TOPICS

O. ADJOURNMENT

The next meeting of the Redondo Beach Public Amenities Commission will be a regular meeting to be held at 6:30p.m. on September 10, 2025, in the Redondo Beach Council Chambers, at 415 Diamond Street, Redondo Beach.

It is the intention of the City of Redondo Beach to comply with the Americans with Disabilities Act (ADA) in all respects. If, as an attendee or a participant at this meeting you will need special assistance beyond what is normally provided, the City will attempt to accommodate you in every reasonable manner. Please contact the City Clerk's Office at (310) 318-0656 at least forty-eight (48) hours prior to the meeting to inform us of your particular needs and to determine if accommodation is feasible. Please advise us at that time if you will need accommodations to attend or participate in meetings on a regular basis.

An agenda packet is available 24 hours at www.redondo.org under the City Clerk.



Administrative Report

E.1., File # PA25-1144

Meeting Date: 8/13/2025

TITLE

For Blue Folder Documents



Administrative Report

F.1., File # PA25-1145

Meeting Date: 8/13/2025

TITLE

APPROVE AFFIDAVIT OF POSTING FOR THE REDONDO BEACH PUBLIC AMENITIES
COMMISSION MEETING OF AUGUST 13, 2025

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) SS
CITY OF REDONDO BEACH)

AFFIDAVIT OF POSTING

In compliance with the Brown Act, the following materials have been posted at the locations indicated below.

Legislative Body Public Amenities Commission
Posting Type Regular Meeting Agenda
Posting Locations 415 Diamond Street, Redondo Beach, CA 90277
 ✓ Adjacent to Council Chambers

Meeting Date & Time August 13, 2025 6:30 p.m.

As Library Director of the City of Redondo Beach, I declare, under penalty of perjury, the document noted above was posted at the date displayed below.



Dana Vinke, Library Director

Date: August 7, 2025



Administrative Report

F.2., File # PA25-1147

Meeting Date: 8/13/2025

TITLE

APPROVE THE REDONDO BEACH PUBLIC AMENITIES COMMISSION MINUTES OF JULY 9, 2025



Minutes
Redondo Beach Public Amenities Commission
Wednesday, July 9, 2025
Regular Meeting 6:30 p.m.

REGULAR MEETING OF THE PUBLIC AMENITIES COMMISSION – 6:30 PM

A. CALL TO ORDER

A Regular Meeting of the Redondo Beach Public Amenities Commission was called to order at 6:31 p.m. by Chair Yousufzai in the City Hall Council Chambers, 415 Diamond Street, Redondo Beach, California.

B. ROLL CALL

Commissioners Present: Edward (E.J.) Caldwell, Mara Lang, Ron Maroko, Jeffrey E. Rowe, Chair Masood K. Yousufzai

Commissioners Absent: Desiree M. Galassi, Christopher McCauley

Officials Present: Dana Vinke, Library Director
Kelly Orta, Deputy Dir. of Community Services
Becca McNeely, Library Program Coordinator

C. SALUTE TO THE FLAG

Chair Yousufzai led in the Salute to the Flag.

D. APPROVE ORDER OF AGENDA

Library Director Vinke asked to remove Item No. L.1 from the agenda noting that staff's goal is to bring the item back during next month's PAC meeting.

Commissioner Maroko requested moving Item No. L.2 prior to Item No. F since there are guests in attendance to address it.

Motion by Commissioner Maroko, seconded by Commissioner Caldwell and approved by voice vote, the order of the agenda, as amended, tabling Item No. L.1 to the next PAC meeting and moving Item No. L.2 prior to Item No. F.

The motion carried 5-0. Commissioners Galassi and McCauley were absent.

E. BLUE FOLDER ITEMS – ADDITIONAL BACK UP MATERIALS

E.1 For Blue Folder Documents

Library Director Vinke reported one Blue Folder Item was received for Item No. L.2.

Motion by Commissioner Maroko, seconded by Commissioner Lang and approved by voice vote, to receive and file Blue Folder Item.

The motion carried 5-0. Commissioners Galassi and McCauley were absent.

Chair Yousufzai moved to Item No. L.2.

F. CONSENT CALENDAR

F.1. APPROVE AFFIDAVIT OF POSTING FOR THE REDONDO BEACH PUBLIC AMENITIES COMMISSION MEETING OF JULY 9, 2025

F.2. This Item was pulled by Commission Maroko.

F.3. RECEIVE AND FILE LIBRARY DIRECTOR'S REPORT

F.4. This item was pulled by Chair Yousufzai.

There were no public comments on this item.

Commissioner Maroko pulled Item No. F.2 and Chair Yousufzai pulled Item No. F.4 from the Consent Calendar for separate discussions.

Motion by Commissioner Caldwell, seconded by Chair Yousufzai, and approved by voice vote, the Consent Calendar, as amended, excluding Items No. F.2 and F.4 which were pulled for separate discussion.

The motion carried 5-0. Commissioners Galassi and McCauley were absent.

G. EXCLUDED CONSENT CALENDAR ITEMS

F.2. RECEIVE AND FILE UPDATES AND GENERAL INFORMATION REGARDING RECREATION AND PARKS-RELATED ITEMS

Commissioner Maroko expressed concerns that the PAC is not receiving any updates regarding the historical aspects of its jurisdiction.

Deputy Director of Community Services Orta explained delays including the hiring of a new Cultural Arts Manager and offered to provide more information at upcoming meetings.

Brief discussion followed regarding an update on the use of RBUSD playgrounds and green space.

Motion by Commissioner Maroko, seconded by Commissioner Lang, and approved by voice vote, Item No. F.2.

The motion carried 5-0. Commissioners Galassi and McCauley were absent.

F.4. APPROVE THE REDONDO BEACH PUBLIC AMENITIES COMMISSION MINUTES OF JUNE 11, 2025

Chair Yousufzai noted that he was not in attendance at the June 11, 2025, meeting, was unable to listen to the recording and abstained from voting on this item.

Motion by Commissioner Caldwell, seconded by Commissioner Rowe, and approved by voice vote, Item No. F.4.

The motion carried 4-0-1. Chair Yousefzai abstained and Commissioners Galassi and McCauley were absent.

H. PUBLIC PARTICIPATION ON NON-AGENDA ITEMS

H.1 For eComments and Emails Received from the Public

There were no public comments on this item.

I. EX PARTE COMMUNICATION – None

J. PUBLIC HEARINGS - None

K. ITEMS CONTINUED FROM PREVIOUS AGENDAS – None

Chair Yousefzai moved to Item No. M.

L. ITEMS FOR DISCUSSION PRIOR TO ACTION

L.1. REVIEW AND DISCUSSION OF THE CITY'S HISTORIC RESOURCES PRESERVATION ORDINANCE AND PROGRAM

This Item was tabled to the August PAC meeting.

L.2. DISCUSSION AND POSSIBLE ACTION ON RECOMMENDATION TO COUNCIL TO NAME A PARK IN HONOR OF JOSEPH "JOE" CARL DAWIDZIAK

Commissioner Maroko reported that the PAC voted to agendaize this item at its last meeting; noted the attendance of Claire, daughter and Kyle (not Brian as was mentioned), son-in-law of Mr. Joe Dawidziak; spoke about his service to the State,

County and City and suggested recommending to the City Council to rename one of the Homer Eaton parkettes in his honor.

Discussion followed regarding the location of the parkettes.

Commissioner Caldwell voiced his support of the item but stated he would not feel comfortable specifying the location.

Commissioner Maroko reiterated his support for one of the Homer Eaton parkettes, as there are two, currently.

Chair Yousufzai invited public comments.

Kyle Pretsch spoke in support of the recommended action; addressed Mr. Dawidziak's service and legacy and talked about the importance of telling his story.

There were no other public comments.

Members of the Commission commented favorably about honoring Mr. Dawidziak by renaming one of the Homer Eaton parkettes.

Discussion followed regarding the accomplishments of Homer Eaton and notifying the family of the changes being considered.

Motion by Commissioner Maroko to recommend to the City Council, consideration of renaming one of the two Homer Eaton parkettes in honor of Joseph "Joe" Carl Dawidziak.

Commissioner Caldwell reiterated he would support recommending to City Council to name a park after Mr. Dawidziak, but not a specific location and preferred letting the City Council make that decision.

Commissioner Lang spoke about City Council being busy and the research done by Commissioner Maroko, adding that Council should be aware of that research. She supports the renaming of one of the parks.

Commissioner Rowe is fine with the renaming of one of the parks as long as it is not taking anything away from Homer Eaton.

Chair Yousufzai mentioned naming a park compared to other commemorative donations and the pros and cons of recommending a specific location.

Discussion followed regarding Mr. Dawidziak's contributions to the community and the Ito parkette.

Commissioner Caldwell felt that if the PAC is to recommend a specific location, it and staff needs to do the necessary research; stated that stripping a park of its name sets a precedent and opined that family members should be involved.

Amended motion by Commissioner Maroko, seconded by Commissioner Caldwell, and approved by voice vote, to recommend that City Council consider naming a park, in honor of Joseph “Joe” Carl Dawidziak.

The amended motion carried 4-0-1. Chair Yousufzai abstained and Commissioners Galassi and McCauley were absent.

Chair Yousufzai returned to Item No. F.

M. ITEMS FROM STAFF

Library Director Vinke spoke about the success of the Summer Reading Program.

Commissioner Maroko spoke about the upcoming program of Main Library’s 30th anniversary on July 26th at the Main Library.

N. COMMISSION MEMBER ITEMS AND FUTURE COMMISSION AGENDA TOPICS

Commissioner Maroko noted no one from Planning attended tonight’s meeting and requested an outline regarding what topics they will cover when presenting to the PAC; referenced an annual state report due around May and asked whether it has been filed and if so to be given a copy. He offered to provide information to Director Vinke, offline.

Commissioner Lang commented on a group forming in the City, to encourage tree preservation and planting and announced they will meet this coming Sunday in the Redondo Room at Beach Cities Health District.

Commissioner Rowe provided a brief update of the Volunteer Subcommittee.

Chair Yousufzai mentioned the Bylaws Subcommittee, continuing the overall conversation about subcommittees and requested an update at the next meeting.

O. ADJOURNMENT – 7:17 p.m.

There being no further business to come before the Public Amenities Commission, motion by Commissioner Maroko, seconded by Chair Yousefzai, to adjourn the meeting at 7:35 p.m. to a regular meeting to be held at 6:30 p.m., on Wednesday, August 13, 2025, in the Redondo Beach Council Chambers 415 N. Pacific Coast Hwy. Redondo Beach, California.

The motion carried 5-0. Commissioners Galassi and McCauley were absent.

All written comments submitted via eComment are included in the record and available for public review on the City website.

Respectfully submitted:

Dana Vinke
Library Director



Administrative Report

F.3., File # PA25-1131

Meeting Date: 8/13/2025

To: PUBLIC AMENITIES COMMISSION

From: KELLY ORTA, DEPUTY COMMUNITY SERVICES DIRECTOR

TITLE

RECEIVE AND FILE COMMUNITY SERVICES DEPARTMENT UPDATES RELATED TO HISTORICAL & PARKS AND RECREATION ACTIVITIES

BACKGROUND

Parks and Recreation

The following items are provided as updates and general information regarding recreation and park-related items under the purview of the Public Amenities Commission:

Fall Classes, Camps, & Activities

Registration for fall classes, camps, and activities began on August 4 for residents and August 11 for non-residents. All activities can be viewed on the City's website:

https://www.redondo.org/departments/community_services/classes_and_activities/index.php

Wilderness Pond Lower Pond Restoration Project

Restoration of the lower pond is scheduled to begin in August 2025 and is anticipated to be completed later this fall. The area surrounding the project site will be temporarily closed to the public.

Upcoming Events & Activities

- **Seaside Lagoon** - Open daily through Labor Day from 10:00am - 5:45pm.
- **Pumpkins by the Sea** - The Senior and Family Services Division will be hosting the annual event at Seaside Lagoon on Saturday, October 25 from 12:00 - 3:00pm. All are welcome to this free event that includes games & prizes, treats, a costume parade, photo booth, and lots of fun!
- **Health Fair** - The Senior and Family Services Division will be hosting the annual Health Fair at the Redondo Beach Performing Arts Center (RBPAC) on Friday, September 5 from 10:00am - 12:00pm. This free event includes health screenings and valuable resources to better your health.

The following information is provided as updates following inquiries from the Commission regarding recreation and park-related projects and initiatives:

Alta Vista Sound Study

The pickleball sound study was completed at Alta Vista on Wednesday, June 11. The study included a full 24-hour monitoring for ambient testing as well as multiple receptors surrounding the park. Testing was completed on tennis courts 7 and 8 to determine whether sound impacts differed based on the specific court. The City Council is scheduled to consider the Community Development Department's CEQA determination at the upcoming August 12, 2025 meeting. A copy of the sound study report is attached.

Historical Museum

The following items are provided as updates and general information regarding historic-related items under the purview of the Public Amenities Commission:

Facility Operations and Attendance (July 2025)

The museum was open on the following days: 2, 5, 6, 9, 12, 13, 16, 19, 20, 23, 26, 27, and 30.

The museum had a total guest count of 94 for the month.

General Updates

- Staff has begun organizing and doing a comprehensive inventory of the museum collection, including items stored at the RBPAC.
- Existing displays have been carefully cleaned, replaced (as needed), and organized to enhance visitor experience.
- Staff are continuing to work with the City's Research Librarian to continue sorting through items at RBPAC for scanning and posting.
- The City is working to:
 - Convert the museum's lighting systems to energy efficient LED lighting
 - Upgrade internet connectivity, and
 - Create flyers and promotional materials for the museum.

ATTACHMENTS

Noise Impact Report

City of Redondo Beach

**415 Diamond Street
Redondo Beach, CA
90277**

August 2025

Prepared by:



Office Locations:
Los Angeles, Orange County,
Long Beach, Riverside, Ventura, San Diego,
Fresno, Merced, Berkeley, San Francisco

Tel: (949) 248-8490
Fax: (949) 248-8499

Copyright ©2025, Yorke Engineering, LLC

**Noise Impact Study for Four Pickleball
Courts at Alta Vista Park in
Redondo Beach, CA**

Noise Impact Study for Four Pickleball Courts at Alta Vista Park in Redondo Beach, CA

Prepared for:

**City of Redondo Beach
415 Diamond Street
Redondo Beach, CA 90277**

August 2025

Table of Contents

1.0	INTRODUCTION	1
1.1	Purpose and Objectives	1
1.2	Project Description and Location	1
2.0	NOISE FUNDAMENTALS	2
2.1	Definition and Measurement of Noise	2
2.2	Noise Descriptors	3
2.3	Noise Range.....	4
2.4	Sound Propagation	4
3.0	NOISE STANDARDS	4
3.1	State of California 2017 General Plan Guidelines	4
3.2	City of Redondo Beach General Plan, Environmental Hazards/Natural Hazards Element	5
3.3	City of Redondo Beach Municipal Code, Chapter 24, Noise Regulation	5
4.0	EXISTING LAND USES AND SENSITIVE RECEPTORS.....	8
4.1	Sensitive Receptors	8
4.2	Surrounding Land Uses.....	8
5.0	NOISE MEASUREMENTS.....	8
6.0	FUTURE COMMUNITY NOISE IMPACTS	1
6.1	Noise Analysis Methodology.....	1
6.2	Noise Sources	1
6.3	Sensitive Receptors	2
6.4	Noise Impacts	12
6.5	Consideration of Impulsive Sound Characteristics.....	12
7.0	CONCLUSIONS	17
8.0	REFERENCES.....	18

Table of Appendices

APPENDIX A – NOISE MEASUREMENT FIELD NOTES

APPENDIX B – RAW NOISE METER DATA

List of Figures

Figure 1-1: Location of the Proposed Pickleball Court	2
Figure 2-1: Typical Noise Levels and Effects on People	3
Figure 5-1: Sound Level Meter Locations	9
Figure 6-1: Pickleball Noise Levels Projections for West Courts (dBA).....	2
Figure 6-2: Pickleball Noise Level Contours for West Courts (dBA).....	3
Figure 6-3: Pickleball Noise Level Contours for West Courts (CNEL).....	4
Figure 6-4: Pickleball Noise Levels Projections for East Courts (dBA)	5
Figure 6-5: Pickleball Noise Level Contours for East Courts (dBA)	6
Figure 6-6: Pickleball Noise Level Contours for East Courts (CNEL)	7

List of Tables

Table 3-1: State of California Land Use Compatibility for Community Noise Environments	5
Table 3-2: Presumed Ambient Noise Levels	6
Table 3-3: Maximum Permissible Interior Dwelling Sound Levels.....	7
Table 4-1: List of Nearest Sensitive Receptors.....	8
Table 5-1: Summary of Noise Measurements	1
Table 6-1: Sound Power Levels in Octave Band Format for Proposed Pickleball Courts (dBA) ..	1
Table 6-2: Receiver Predicted Pickleball Noise Level Impacts for West Courts (dBA).....	8
Table 6-3: Receiver Predicted Pickleball Noise Level Impacts for East Courts (dBA).....	10
Table 6-4: Adjusted Receiver Predicted Pickleball Noise Level Impacts for West Courts (dBA)	13
Table 6-5: Adjusted Receiver Predicted Pickleball Noise Level Impacts for East Courts (dBA)	15

List of Acronyms and Abbreviations

ANSI	American National Standards Institute
CNEL	Community Noise Equivalent Level
dB	Decibel
dBA	A-Weighted Decibel
Hz	Hertz
ISO	International Organization for Standardization
L _{dn}	Day-Night Noise Level
L _{eq}	Equivalent Energy Level
L _{max}	Maximum Level of Noise
OPR	[California] Office of Planning and Research
RMS	Root Mean Squared
SLM	sound level meter

Noise Impact Study for Four Pickleball Courts at Alta Vista Park in Redondo Beach, CA

1.0 INTRODUCTION

1.1 Purpose and Objectives

The City of Redondo Beach (the City) is proposing to convert one of the existing tennis courts at Alta Vista Park in Redondo Beach, CA to four Pickleball courts (Project). Yorke Engineering LLC (Yorke) has been retained by the City to conduct a Noise Impact Study for the proposed Project. The purpose of the study is to assess noise exposure at nearby noise sensitive residential uses and determine which of the two selected tennis courts will least impact the neighboring residents and identify which tennis court is best suited for conversion to four pickleball courts.

The City requested Yorke's support to perform ambient noise measurements in the vicinity, assess the noise impacts of the proposed pickleball activities at each tennis court on the nearby residential properties, and propose noise control measures, if applicable.

Yorke has evaluated the potential for adverse noise impacts on nearest residential receptors during the proposed pickleball activities. This report contains:

- A review of the State of California 2017 General Plan Guidelines;
- A review of the City of Redondo Beach's General Plan and Municipal Noise Ordinance;
- The results of noise measurements taken on June 11-12, 2025;
- Acoustical modeling results; and
- A noise data analysis.

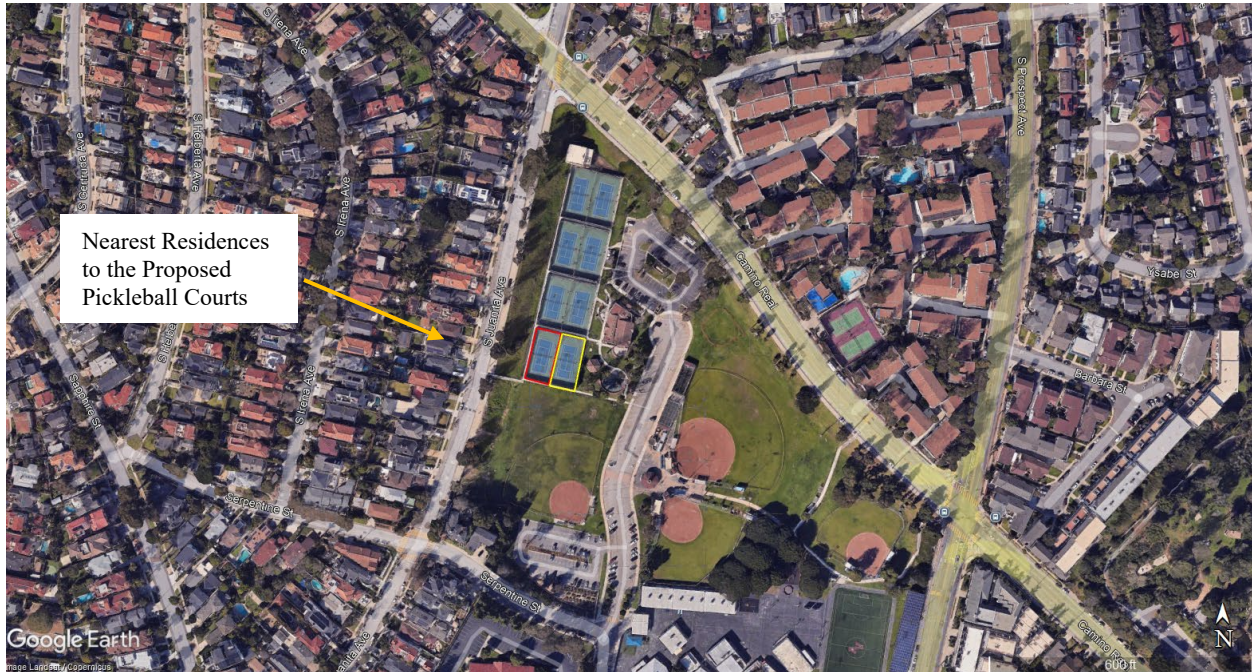
1.2 Project Description and Location

The proposed Project includes conversion of one of the existing tennis courts at Alta Vista Park in Redondo Beach, CA to four Pickleball courts (Project).

Alta Vista Park is located at 715 Julia Ave in Redondo Beach, CA. The two existing tennis courts being considered for conversion to pickleball courts are the south courts as shown in Figure 1-1. Court #1 (i.e., west court) is shown in red, and Court #2 (i.e., east court) is shown in yellow. Figure 1-1 also shows the surrounding area, roadways, and the nearest sensitive receptors.

Pickleball would be played during the normal operating hours of the Community/Tennis Center: Monday to Friday from 8:00 a.m. to 9:00 p.m. and Saturday and Sunday from 8:00 a.m. to 7:00 p.m.

Figure 1-1: Location of the Proposed Pickleball Court



2.0 NOISE FUNDAMENTALS

2.1 Definition and Measurement of Noise

Sound is a pressure wave created by a moving or vibrating source that travels through a fluid medium such as air or water. Noise is defined as a sound or aggregated sounds that are perceived as dissonant, irritating, objectionable, intrusive and/or disruptive to the quality of daily life. Sound is measured on a logarithmic scale of sound pressure level known as the decibel (dB) scale. A-weighted decibels (dBA) approximate the subjective response of the human ear to broad frequency sound sources by discriminating against very low and very high frequencies of the audible spectrum. The dBA scale is weighted to reflect only those frequencies which are audible to the human ear, generally defined as a range of 20 to 20,000 Hertz (Hz). Figure 2-1 presents a range of noise levels associated with common indoor and outdoor activities.

Figure 2-1: Typical Noise Levels and Effects on People

Common Outdoor Activities	Noise Level (dBA)	Common Indoor Activities
	110	Rock band
Jet flyover at 1,000 feet		
	100	
Gas lawnmower at 3 feet		
	90	
Diesel truck at 50 feet at 50 mph		Food blender at 3 feet
	80	Garbage disposal at 3 feet
Noisy urban area, daytime		
Gas lawnmower, 100 feet	70	Vacuum cleaner at 10 feet
Commercial area		Normal speech at 3 feet
Heavy traffic at 300 feet	60	
		Large business office
Quiet urban daytime	50	Dishwasher in next room
Quiet urban nighttime	40	Theater, large conference room (background)
Quiet suburban nighttime		
	30	Library
Quiet rural nighttime		Bedroom at night, concert hall (background)
	20	
		Broadcast/recording studio
	10	
	0	

Source: California Department of Transportation, Technical Noise Supplement, September 2013.

2.2 Noise Descriptors

Maximum Level of Noise (L_{max}) is the highest (peak) instantaneous sound level measured during a specific period of time. Environmental noise descriptors are generally based on time weighted averages, rather than instantaneous noise levels. Average noise levels emitted by various sources are often expressed as equivalent energy level (L_{eq}). L_{max} is the root mean squared (RMS) maximum level of a noise source or environment measured on a sound level meter during a designated time interval (e.g., 15, 30, or 60 minutes) using fast meter response. L_{max} is not used in environmental noise impact analyses because it captures only a single peak noise level, not the cumulative average exposure over time, which is what truly affects human health, annoyance, and regulatory compliance.

Because sound levels at a particular location typically vary over the course of the day and because people tend to be more sensitive to noise in the evening and at night than during the morning and afternoon, sound levels are commonly averaged over a 24-hour period, weighted for night and evening sensitivity by adding a 5 dBA penalty for noise occurring in the evening (7 p.m.-10 p.m.) and a 10 dBA penalty for nighttime noise (10 p.m.-7 a.m.) for the Community Noise Equivalent Level (CNEL) and only a nighttime penalty for the Day-Night Noise Level (L_{dn}). These two expressions of average sound levels are nearly equivalent, and while this Noise Element usually refers to CNEL, standards cited from certain State and federal regulations may use L_{dn} .

2.3 Noise Range

Decibel scales are logarithmic, such that an increase from 30 to 40 dB represents a tenfold increase in sound level, while an increase from 30 to 50 dB represents a hundredfold increase. Human perception of sound loudness, however, is subjective. Everyday sounds normally range from 30 dBA (very quiet, such as a soft whisper) to 100 dBA (very loud, such as the noise produced by a jet takeoff at a distance of 200 feet). Conversational speech is about 60 dBA at 3 feet. In general, noise may become a nuisance at levels of 45 dBA CNEL or greater, e.g., speech interference. Psychological and physiological stress are common with noise levels in the 65 to 75 dBA CNEL range, and hearing loss can occur at sustained noise levels of 75 dBA CNEL or more (Jansen 1969).

2.4 Sound Propagation

Sound is transmitted in air by pressure variations from its source to the surroundings. Sound levels will decrease exponentially as the inverse square of the distance between the source and the receiver (receptor) increases, i.e., exclusive of other physical factors, doubling the distance from a source decreases the sound intensity by a factor of four. While absorption by air is one of the factors attributing to the weakening of a sound during transmission, distance plays a more important role in noise reduction during transmission. Depending on the source of the sound, for every doubling of distance, the level will be reduced between 3 and 6 dB. The reduction of a sound is called attenuation. Other factors for noise attenuation are terrain absorption and shielding (insertion loss).

To attenuate the line-of-sight noise transmission, sound walls between a noise source and a receiver (receptor) are often used for noise control, e.g., along freeways. Additional barriers such as interceding buildings, rough terrain, hills, and heavy vegetation can also reduce noise levels. Typically, sound walls will reduce noise levels by 5 to 10 dB. The higher the wall is, the greater the noise reduction will be. Effective noise barriers can reduce noise levels by 10 to 15 dB. A sound barrier is most effective when placed close to the noise source or receiver.

3.0 NOISE STANDARDS

3.1 State of California 2017 General Plan Guidelines

The California Governor's Office of Land Use and Climate Innovation (LCI 2017) general plan noise element guidelines include recommended exterior and interior noise level standards for local jurisdictions to identify and prevent the creation of incompatible land uses due to noise, e.g., residential next to industrial. The guidelines contain a table that describes the compatibility of various land uses with a range of environmental noise levels in terms of CNEL. Table 3-1, Land Use Compatibility for Community Noise Environments, reproduces the guidelines for determining community noise exposure limits for various land use categories. The guidelines also present adjustment factors that may be used to develop noise acceptability standards that reflect the noise control goals of the community, the particular community's sensitivity to noise, and the community's assessment of the relative importance of noise pollution.

Table 3-1: State of California Land Use Compatibility for Community Noise Environments

Land Use Category	Community Noise Exposure (L_{dn} or CNEL, dBA)			
	Normally Acceptable	Conditionally Acceptable	Normally Unacceptable	Clearly Unacceptable
Residential – Low Density, Single-Family, Duplex, Mobile Homes	50-60	55-70	70-75	75-85
Residential – Multiple Family	50-65	60-70	70-75	70-85
Transient Lodging – Motel, Hotels	50-65	60-70	70-80	80-85
Schools, Libraries, Churches, Hospitals, Nursing Homes	50-70	60-70	70-80	80-85
Auditoriums, Concert Halls, Amphitheaters	NA	50-70	NA	65-85
Sports Arenas, Outdoor Spectator Sports	NA	50-75	NA	70-85
Playgrounds, Neighborhood Parks	50-70	NA	65-75	75-85
Golf Courses, Riding Stables, Water Recreation, Cemeteries	50-70	NA	70-80	80-85
Office Buildings, Business Commercial and Professional	50-70	65-75	75-85	NA
Industrial, Manufacturing, Utilities, Agriculture	50-75	70-80	75-85	NA

Source: LCI 2017

3.2 City of Redondo Beach General Plan, Environmental Hazards/Natural Hazards Element

Section 4.2, Noise, of the Environmental Hazards Element of the City of Redondo Beach General Plan references the State of California’s Land Use Compatibility standards and states that the City’s Municipal Code was developed in accordance with the State of California’s Land Use Compatibility standards to provide local noise limits through setting out a series of maximum permissible exterior and interior sound levels by land use categories.

3.3 City of Redondo Beach Municipal Code, Chapter 24, Noise Regulation

The City’s Municipal Code includes various directives pertaining to noise. Title 4, Chapter 24, Noise Regulation, establishes regulations to protect the inhabitants of the City against all common forms of nuisances. Article 3, Exterior Noise Limits, and Article 4, Interior Noise Standards, establish permissible sound levels by land use category, as shown in Tables 3-2 and 3-3.

Pursuant to the Code, the noise standards for the various categories of land use districts identified shall be the higher of either the presumed or actual measured ambient noise and shall apply to all such property within a designated category as follows:

Table 3-2: Presumed Ambient Noise Levels

Receiving Land Use District Category	Time Period	Presumed Ambient Level (dBA)
Low Density Residential R-1-A, R-1, R-2, P-D-R, P-U-D Overlay	10 p.m. to 7 a.m.	45
	7 a.m. to 10 p.m.	50
Medium Density Residential R-3, R-4, P-D-R, P-U-D Overlay	10 p.m. to 7 a.m.	50
	7 a.m. to 10 p.m.	55
High Density Residential R-5, R-6, P-D-R, P-U-D Overlay, C-I	10 p.m. to 7 a.m.	55
	7 a.m. to 10 p.m.	60
Commercial NSC, CSC, GC, P-D-C	10 p.m. to 7 a.m.	60
	7 a.m. to 10 p.m.	65
Industrial P-D-I	10 p.m. to 7 a.m.	60
	7 a.m. to 10 p.m.	65
Industrial P-I	10 p.m. to 7 a.m.	70
	7 a.m. to 10 p.m.	70

Section 4-24.301:

(a) *Correction for time characteristics.* No person shall operate, or cause to be operated, any source of sound at any location within the City or allow the creation of any noise on property owned, leased, occupied, or otherwise controlled by such person which causes the noise level when measured on any other property to exceed:

- (1) The noise standard of the receiving land use district for a cumulative period of more than 30 minutes in any hour; or
- (2) The noise standard of the receiving land use district plus 5 dB for a cumulative period of more than 15 minutes in any hour; or
- (3) The noise standard of the receiving land use district plus 10 dB for a cumulative period of more than five minutes in any hour; or
- (4) The noise standard of the receiving land use district plus 15 dB for a cumulative period of more than one minute in any hour; or
- (5) The noise standard of the receiving land use district plus 20 dB for any period of time.

(b) *Levels exceeding the noise limit categories.* If the measured ambient level exceeds that permissible as set forth in subsections (1), (2), (3), and (4) of subsection (a) of this section, the allowable noise exposure standard shall be increased in 5 dB increments as appropriate to encompass or reflect such ambient noise level. In the event the ambient noise level exceeds the

noise level set forth in subsection (5) of subsection (a) of this section, the maximum allowable noise level shall be increased to reflect the maximum ambient noise level.

(c) *Correction for location of noise source.* If the measurement location is on a boundary between two different land use district categories, the noise level limit applicable to the lower land use district category, plus 5 dB shall apply.

(d) *Correction for ambient noise levels when alleged offending sources cannot be shut down.* If possible, the ambient noise shall be measured at the same location along the property line utilized in subsection (a) of this section with the alleged offending noise source inoperative. If for any reason the alleged offending noise source cannot be shut down, then the ambient noise shall be estimated by performing a measurement in the same general area of the source, but at a sufficient distance such that the offending noise from the source is inaudible. If the difference between the noise levels with the noise source operating and not operating, with the utilization of either of the above-described methods of measurement, is 6 dB or greater, then the noise measurement of the alleged source can be considered valid.

(e) *Correction for character of sound.* In the event the alleged offensive noise contains a steady audible tone, such as a whine, screech, or hum, or is a repetitive noise, such as hammering or riveting, the standard limits set forth in this section shall be reduced by 5 dB.

Section 4-24.401:

The following noise standards for various categories of land use presented as follows, unless otherwise specifically indicated, shall apply to all such structures within a designated land use district category with the windows in their normal seasonal configuration:

Table 3-3: Maximum Permissible Interior Dwelling Sound Levels

Receiving Land Use District Category	Time Period	Allowable Interior Noise Level (dBA)
Residential	10 p.m. to 7 a.m.	40
	7 a.m. to 10 p.m.	45
School	7 a.m. to 10 p.m.	45
Hospital and designated quiet areas	10 p.m. to 7 a.m.	40

(a) *Correction for time characteristics.* No person shall operate, or cause to be operated, any source of sound at any location within the City or allow the creation of any noise which causes the noise level, when measured inside the receiving structure, to exceed:

- (1) The noise standard for that land use district category as specified for a cumulative period of more than five minutes in any hour; or
- (2) The noise standard plus 5 dB for a cumulative period of more than one minute in any hour; or
- (3) The noise standard plus 10 dB for any period of time.

4.0 EXISTING LAND USES AND SENSITIVE RECEPTORS

4.1 Sensitive Receptors

Sensitive noise receptors (receivers) are defined as types of uses that are interrupted by relatively low levels of noise. Such receptors include residential uses, schools, hospitals, places of worship, and similar uses.

4.2 Surrounding Land Uses

Alta Vista Park, where the proposed Project will be located, is surrounded by residential neighborhoods on the north, south, east, and west. The proposed pickleball courts will be bounded by existing tennis courts on the north, Juanita Avenue on the west, and the rest of the Alta Vista Park, which includes the administration building, parking lots, and baseball courts, on the east and south. The nearest sensitive receptors are listed in Table 4-1.

Table 4-1: List of Nearest Sensitive Receptors

Nearest Receptor Location with Respect to the Proposed Pickleball Courts	Nearest Sensitive Receptor		
	Type	Street Address	Distance from the Proposed Pickleball Courts (feet)
West	Residential	731 S Juanita Ave	135-195
South	Residential	744 S Juanita Ave	315-375
North	Residential	710 Camino Real	560-620
East	Residential	1001 Camino Real	975-1,035

5.0 NOISE MEASUREMENTS

On June 11-12, 2025, Yorke conducted short- and long-term noise measurements near the proposed pickleball courts, with and without pickleball activities, as indicated on Figure 5-1. A Casella Type 1 sound level meter (SLM) was used for the long-term noise measurement and a Quest SoundPro SE/DL Type 2 SLM was used for the short-term noise measurements. The long-term measurement was taken at Location 1 on top of a boom truck at a height of approximately 13 feet, which is similar to the height of the balconies of the nearest residences. Short-term noise measurements were taken at Location 2, west side of Juanita Avenue in front of the property line of the nearest residences, with and without pickleball activities. Short-term noise measurements were also taken at Location 3, at the proposed pickleball courts, with pickleball activities..

Table 5-1 summarizes the results of the long-term and short-term measurements for each of the locations. Field notes and raw noise meter data are provided in Appendices A and B, respectively. As shown in Table 5-1, the pre-project baseline ambient noise levels with no pickleball activities range from 54.9 to 58.9 dBA. In order to be conservative, noise levels from the long-term noise measurement were used for this analysis.

Figure 5-1: Sound Level Meter Locations



Table 5-1: Summary of Noise Measurements

Sample Location	Sample No.	Meter Sample ID	Measurement Type	Time On	Time Off	L _{eq} Average (dBA)	L _{max} ^a Peak (dBA)	Pickleball taking place? (Yes, No)	Which Courts were Pickleball taking place at? (East, West, N/A)	Descriptions
Location 1	1	4210644	Long-term	6/11/2025	6/12/2025	55.3	83.5	Yes, on 6/11/2025 from 1:31 p.m. to 2:25 p.m.	East and West	There was noise coming from traffic, kids on e-bikes, neighbors on their properties, activities in the park including a fire truck, tennis players, and pickleball activities, etc.
				1:31 p.m.	1:31 p.m.					
Location 1	1-R	4210644	Long-term	6/11/2025	6/12/2025	54.9	78.5	No	N/A	There was ambient noise coming from traffic, kids on e-bikes, neighbors on their properties, activities in the park including a fire truck, tennis players, etc.
				2:25 p.m.	1:31 p.m.					
Location 2	2	BIU070007	Short-term	6/11/2025	6/11/2025	58.9	72.4	No	N/A	Background sample before pickleball playing was initiated. Cars passed on the street. A concrete truck inside the park poured concrete momentarily. The neighbor at 733 Juanita Avenue ran the engine of a Sea-Doo boat at 11:49am for a short period of time.
				11:37 a.m.	11:57 a.m.					

Noise Impact Study for Four Pickleball Courts at Alta Vista Park in Redondo Beach

Sample Location	Sample No.	Meter Sample ID	Measurement Type	Time On	Time Off	L _{eq} Average (dBA)	L _{max} ^a Peak (dBA)	Pickleball taking place? (Yes, No)	Which Courts were Pickleball taking place at? (East, West, N/A)	Descriptions
Location 2	3	BIU070007	Short-term	6/11/2025	6/11/2025	58.8	77.2	Yes	East	Pickleball was played on the four temporary courts installed on the east side tennis court. The concrete truck was backing up inside the park which emitted a warning beeping sound. At 12:12pm a single firework was lit off in the parking lot on the south side inside the park. Cars were passing on the street and children on e-bikes. None of the tennis courts were in use.
				12:07 p.m.	12:28 p.m.					
Location 2	4	BIU070007	Short-term	6/11/2025	6/11/2025	58.2	71.6	Yes	West	Pickleball was played on the four temporary courts installed on the west side tennis court. Tennis was played on two courts. Cars were passing on the street. At 2:13 pm three of the pickle ball courts were being played on. At 2:16 pm children at the 735 Juanita Avenue were outside their home playing. Birds flew by and were chirping.
				2:06 p.m.	2:26 p.m.					

Noise Impact Study for Four Pickleball Courts at Alta Vista Park in Redondo Beach

Sample Location	Sample No.	Meter Sample ID	Measurement Type	Time On	Time Off	L_{eq} Average (dBA)	L_{max}^a Peak (dBA)	Pickleball taking place? (Yes, No)	Which Courts were Pickleball taking place at? (East, West, N/A)	Descriptions
Location 3	5	BIU070007	Short-term	6/11/2025	6/11/2025	57.3	69.6	Yes	East	Pickleball was played on four temporary courts installed on the east side tennis courts. Tennis was not played on any of the courts. Cars were passing on Juanita Avenue. At 12:39 an airplane flew by nearby.
				12:30 p.m.	12:50 p.m.					
	6	BIU070007		6/11/2025	6/11/2025	66.0	82.2	Yes	West	
				1:21 p.m.	1:41 p.m.					

Notes:

- a) L_{max} captures the loudest single moment of a noise event, even if that moment lasts just a fraction of a second. While it is useful for understanding peak noise, it does not reflect the overall exposure to noise over time. Because L_{max} represents only the highest instantaneous sound level during a measurement period, and does not distinguish between sources, it cannot be reliably attributed to pickleball activities since ambient or transient noise is also present at the measurement location. L_{eq} values are used in this analysis, since they account for both intensity and duration of noise over time, which better predicts human annoyance impacts.

6.0 FUTURE COMMUNITY NOISE IMPACTS

6.1 Noise Analysis Methodology

The Project impact evaluation was performed using SoundPlan Essential 5.1, an environmental noise propagation computer program that was developed to assist with noise propagation calculations for major noise sources and projects. The program calculates the sound pressure level at a location utilizing the sound emission properties of the source(s) and environmental propagation factors (sound spreading due to distance, ground effects, barriers, topography, as well as atmospheric attenuation). The program also includes a number of standardized methodologies that can be utilized to quantify the acoustic effect of these environmental factors. The specific standard employed by this program is that described in the International Organization for Standardization (ISO) Standard 9613, “Acoustics – Attenuation of sound during propagation outdoors.” The modeled ambient temperature was 10°C (50°F), and the assumed relative humidity was 70%. The ground absorption value utilized in the model was set to “0” for hard for the Project site and its surrounding areas. One area source representing four pickleball courts were modeled at the Project site based on a reference noise level of 57.3 dBA L_{eq} at 10 feet.

This study evaluates the potential acoustical impact of the proposed Project on the nearest sensitive receptors and compares it to the ambient noise levels and local noise standard to 1) determine which four proposed pickleball courts (east or west) would least impact the nearest sensitive receptors and 2) assess whether any control measures would be needed to reduce noise exposure to the community.

6.2 Noise Sources

Short-term noise measurements were taken during pickleball activities. Measured sound pressure level when pickleball activities are taking place simultaneously at the four proposed courts was 57.3 dBA L_{eq} at 10 feet.

Noise sources were entered in the modeling system as octave band sound power levels based on the measured sound pressure levels of the pickleball activities at the four proposed courts. Sound pressures were then converted to sound powers in SoundPlan. Table 6-1 lists the sound power levels of the proposed pickleball activities.

Table 6-1: Sound Power Levels in Octave Band Format for Proposed Pickleball Courts (dBA)

Source Name	Logarithmic Sum (dBA)	Octave Band Centre Frequency (Hz), Sound Power Levels (dBA)							
		63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Pickleball	88.5	62.3	71.6	76.8	82.0	82.2	82.4	80.2	76.1

Source: SoundPlan Essential 5.1

Notes:

Sound Pressure (L_p)= 57.3 dBA at 10 ft.

Sound Power (L_w) = $L_p + 10 \log(A) = L_p + 22.1 \text{ dB}$

where A is Area of box shaped area in half space at distance (D) in meters. $D = 10 \text{ ft} = 3 \text{ m}$

Therefore, $L_w = 88.5 \text{ dBA}$

6.3 Sensitive Receptors

To assess the potential noise impacts for the proposed pickleball courts, 11 sensitive receptor (receiver) locations were used. The locations of these receptors are indicated by yellow dots in Figures 6-1 and 6-4.

Figure 6-1 shows the future noise level map at the sensitive receptor areas for the proposed *west* pickleball courts. Figure 6-2 presents noise level contours for daytime and evening hours, and Figure 6-3 presents noise level contours for CNEL, for the proposed west pickleball courts. Predicted operational noise levels, exclusive of ambient background, are anticipated to range between 27.4 and 45.0 dBA during the daytime and evening hours at the nearest sensitive receivers without any noise controls when pickleball is played at the west courts. Figure 6-4 shows the future noise level map at the sensitive receptor areas for the proposed *east* pickleball courts. Figure 6-5 presents noise level contours for daytime and evening hours, and Figure 6-6 presents noise level contours for CNEL, for the proposed east pickleball courts. Predicted operational noise levels, exclusive of ambient background, are anticipated to range between 27.9 and 42.5 dBA during the daytime and evening hours at the nearest sensitive receivers without any noise controls when pickleball is played at the east courts. Tables 6-2 and 6-3 show the results of the noise level predictions for the proposed pickleball courts at the nearest sensitive receivers for the proposed west and east pickleball courts, respectively. Predicted noise would be less at other sensitive receptors located at farther distances.

Figure 6-1: Pickleball Noise Levels Projections for West Courts (dBA)



Figure 6-2: Pickleball Noise Level Contours for West Courts (dBA)

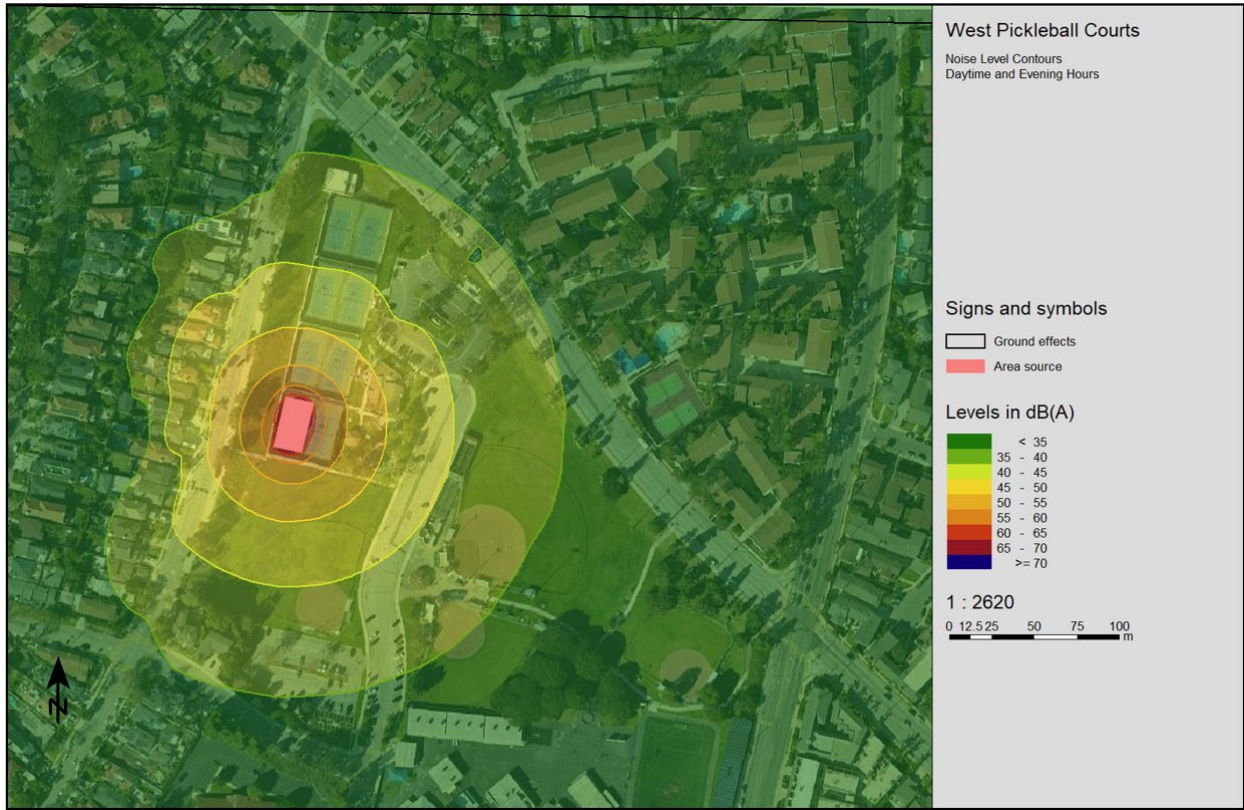


Figure 6-3: Pickleball Noise Level Contours for West Courts (CNEL)

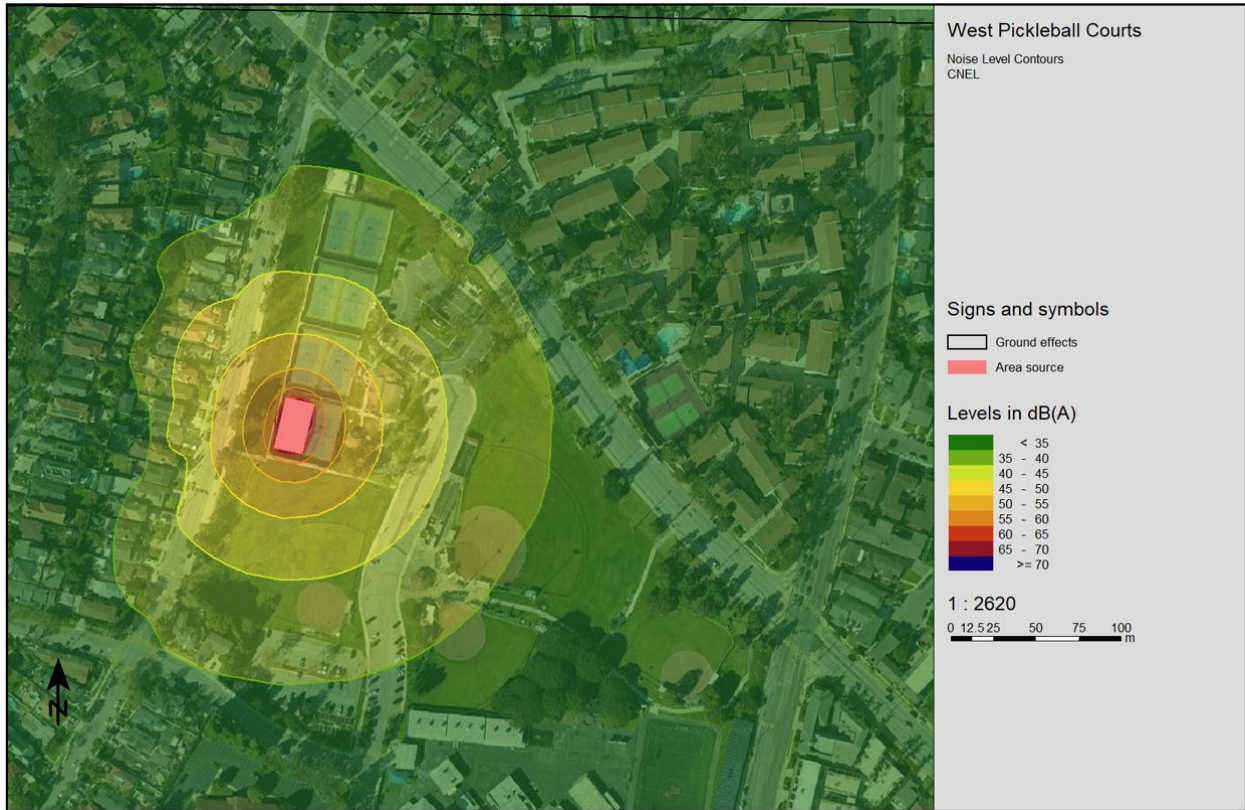


Figure 6-4: Pickleball Noise Levels Projections for East Courts (dBA)

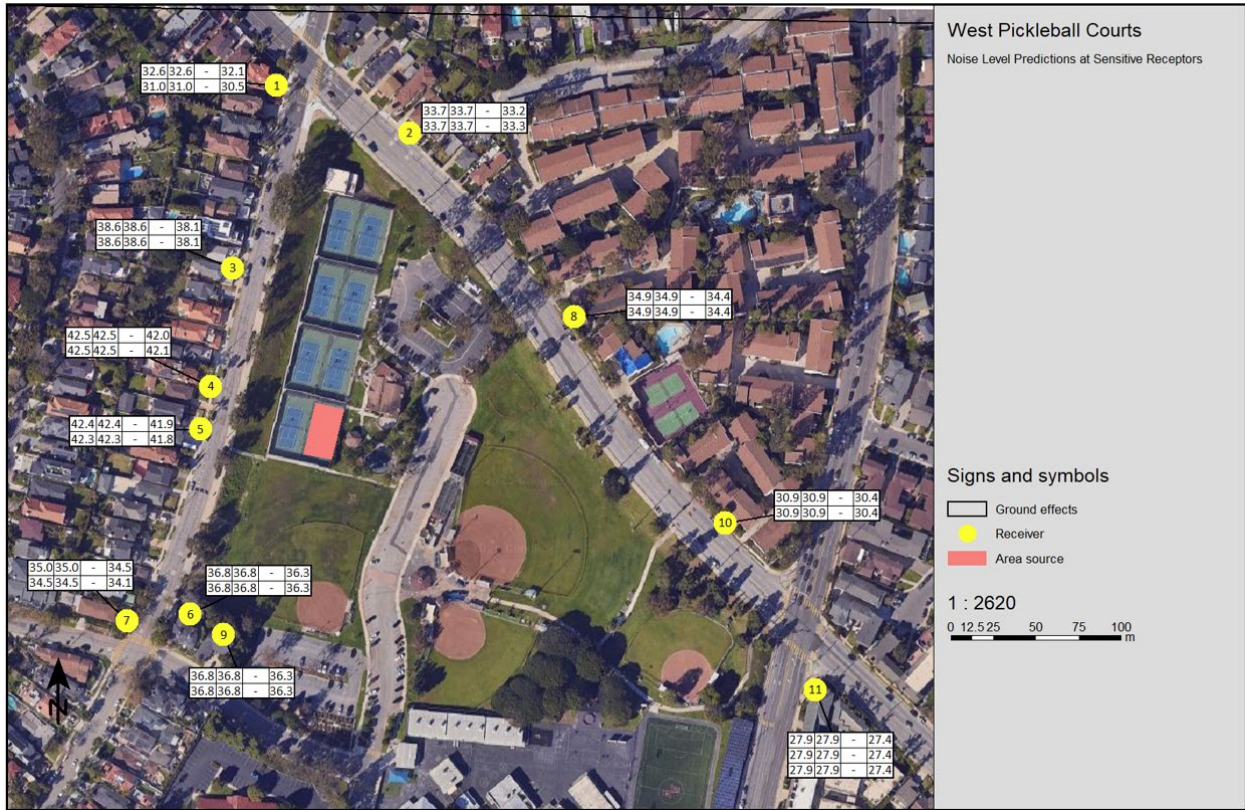


Figure 6-5: Pickleball Noise Level Contours for East Courts (dBA)

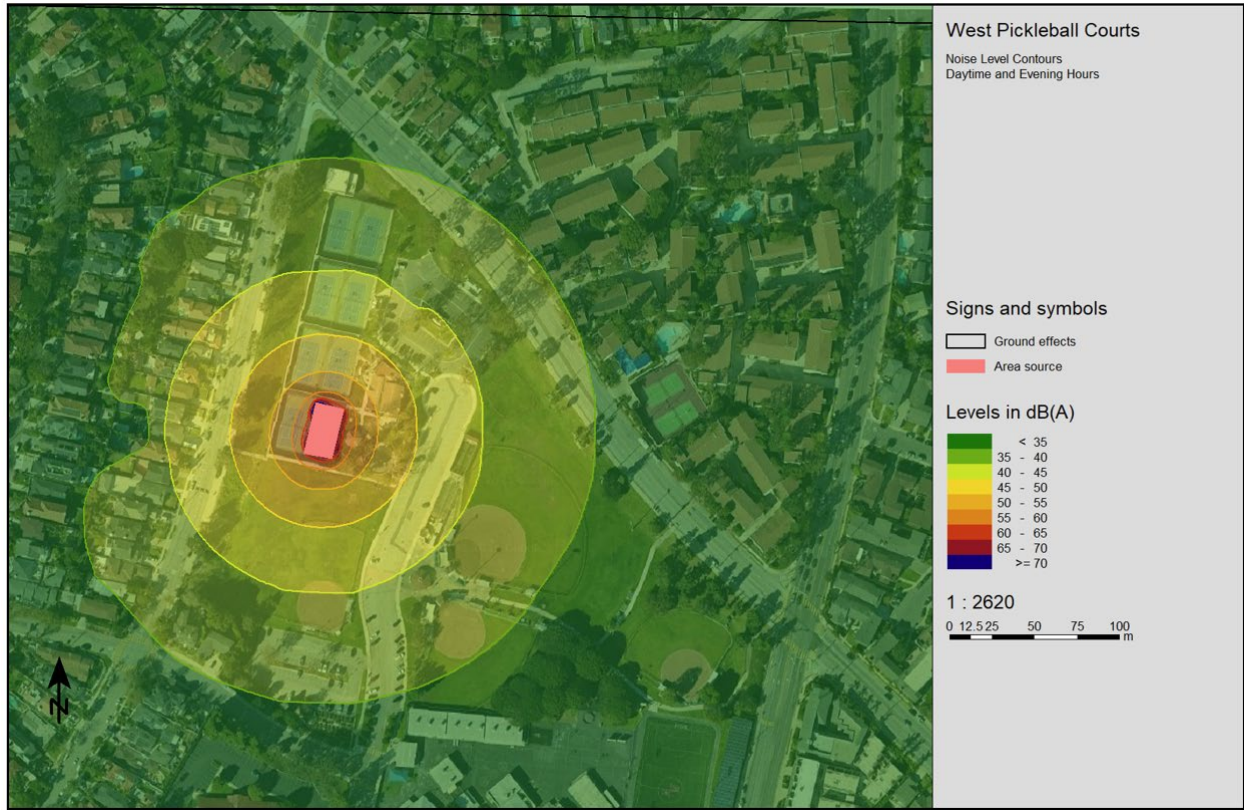
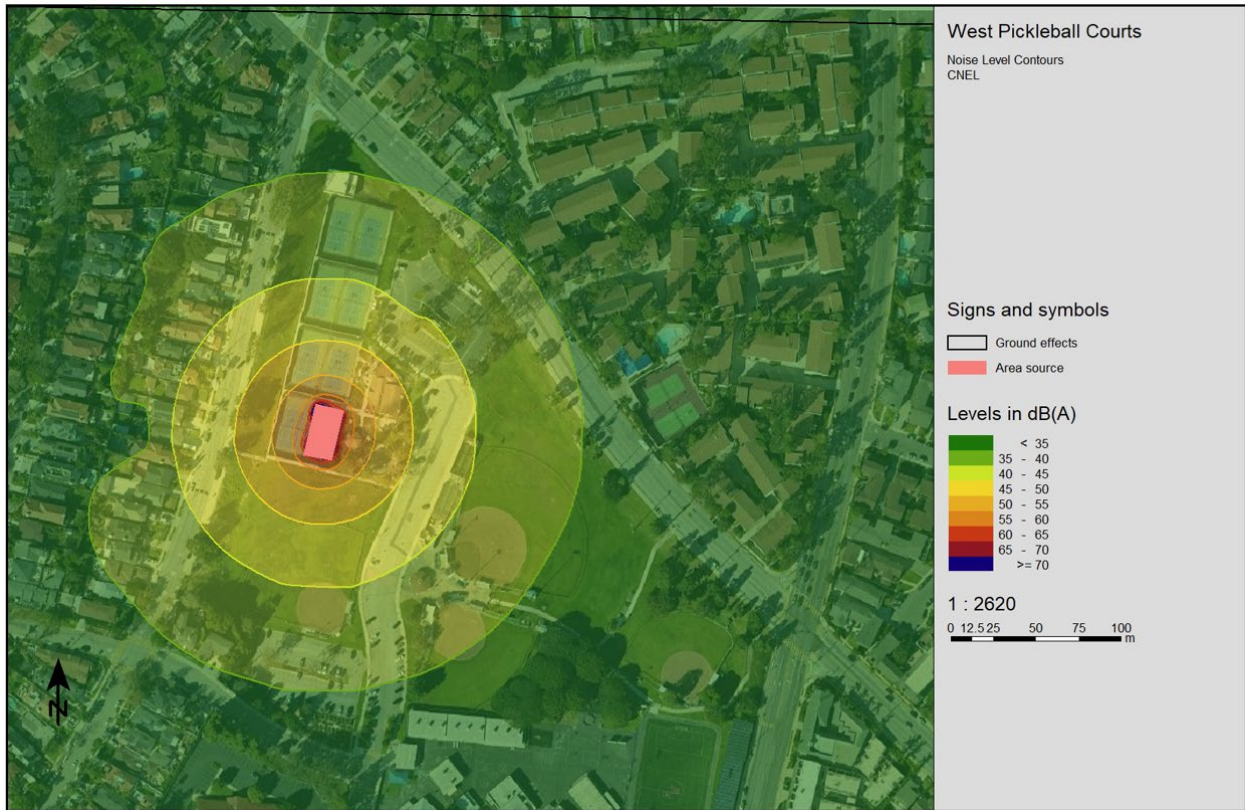


Figure 6-6: Pickleball Noise Level Contours for East Courts (CNEL)



Noise Impact Study for Four Pickleball Courts at Alta Vista Park in Redondo Beach

Table 6-2: Receiver Predicted Pickleball Noise Level Impacts for West Courts (dBA)

Receiver No.	Receiver Name	Floor	Ambient Noise Levels (dBA)				Predicted Noise Levels (dBA)			Combined Noise Levels (dBA)			Difference Between Ambient and Combined Noise Levels (dBA)		
			Daytime	Evening	Nighttime	CNEL	Daytime Evening	Nighttime	CNEL	Daytime	Evening	Nighttime	Daytime	Evening	Nighttime
1	701 S Juanita Ave	GF	57.0	52.8	46.8	62.0	28.3	0.0	27.8	57.0	52.9	46.8	0.0	0.0	0.0
1	701 S Juanita Ave	1.FI	57.0	52.8	46.8	62.0	31.6	0.0	31.1	57.0	52.9	46.8	0.0	0.0	0.0
2	710 Camino Real	GF	57.0	52.8	46.8	62.0	33.6	0.0	33.1	57.1	52.9	46.8	0.0	0.1	0.0
2	710 Camino Real	1.FI	57.0	52.8	46.8	62.0	33.6	0.0	33.1	57.1	52.9	46.8	0.0	0.1	0.0
3	717 S Juanita Ave	GF	57.0	52.8	46.8	62.0	38.4	0.0	37.9	57.1	53.0	46.8	0.1	0.2	0.0
3	717 S Juanita Ave	1.FI	57.0	52.8	46.8	62.0	39.5	0.0	39.1	57.1	53.0	46.8	0.1	0.2	0.0
4	731 S Juanita Ave	GF	57.0	52.8	46.8	62.0	44.3	0.0	43.8	57.3	53.4	46.8	0.2	0.6	0.0
4	731 S Juanita Ave	1.FI	57.0	52.8	46.8	62.0	45.0	0.0	44.5	57.3	53.5	46.8	0.3	0.7	0.0
5	733 S Juanita Ave	GF	57.0	52.8	46.8	62.0	42.7	0.0	42.2	57.2	53.2	46.8	0.2	0.4	0.0
5	733 S Juanita Ave	1.FI	57.0	52.8	46.8	62.0	44.8	0.0	44.4	57.3	53.5	46.8	0.3	0.6	0.0
6	744 S Juanita Ave	GF	57.0	52.8	46.8	62.0	37.2	0.0	36.8	57.1	53.0	46.8	0.0	0.1	0.0
6	744 S Juanita Ave	1.FI	57.0	52.8	46.8	62.0	37.2	0.0	36.7	57.1	53.0	46.8	0.0	0.1	0.0
7	753 Serpentine St	GF	57.0	52.8	46.8	62.0	33.3	0.0	32.9	57.1	52.9	46.8	0.0	0.0	0.0
7	753 Serpentine St	1.FI	57.0	52.8	46.8	62.0	35.5	0.0	35.0	57.1	52.9	46.8	0.0	0.1	0.0
8	826 Camino Real	GF	57.0	52.8	46.8	62.0	34.0	0.0	33.6	57.1	52.9	46.8	0.0	0.1	0.0
8	826 Camino Real	1.FI	57.0	52.8	46.8	62.0	34.0	0.0	33.6	57.1	52.9	46.8	0.0	0.1	0.0
9	903 Serpentine St	GF	57.0	52.8	46.8	62.0	37.0	0.0	36.5	57.1	53.0	46.8	0.0	0.1	0.0
9	903 Serpentine St	1.FI	57.0	52.8	46.8	62.0	37.0	0.0	36.5	57.1	53.0	46.8	0.0	0.1	0.0
10	904 Camino Real	GF	57.0	52.8	46.8	62.0	30.2	0.0	29.7	57.0	52.9	46.8	0.0	0.0	0.0
10	904 Camino Real	1.FI	57.0	52.8	46.8	62.0	30.2	0.0	29.7	57.0	52.9	46.8	0.0	0.0	0.0

Noise Impact Study for Four Pickleball Courts at Alta Vista Park in Redondo Beach

Receiver No.	Receiver Name	Floor	Ambient Noise Levels (dBA)				Predicted Noise Levels (dBA)			Combined Noise Levels (dBA)			Difference Between Ambient and Combined Noise Levels (dBA)		
			Daytime	Evening	Nighttime	CNEL	Daytime Evening	Nighttime	CNEL	Daytime	Evening	Nighttime	Daytime	Evening	Nighttime
11	1001 Camino Real	GF	57.0	52.8	46.8	62.0	27.4	0.0	26.9	57.0	52.9	46.8	0.0	0.0	0.0
11	1001 Camino Real	1.F1	57.0	52.8	46.8	62.0	27.4	0.0	26.9	57.0	52.9	46.8	0.0	0.0	0.0
11	1001 Camino Real	2.F1	57.0	52.8	46.8	62.0	27.4	0.0	26.9	57.0	52.9	46.8	0.0	0.0	0.0

Notes:

- a) Ambient noise levels are based on the 24-hour noise measurements taken by Yorke on June 11-12, 2025.
- b) Daytime = 7 a.m. to 10 p.m.
 Evening = 7 p.m. to 10 p.m.
 Nighttime = 10 p.m. to 7 a.m.

Noise Impact Study for Four Pickleball Courts at Alta Vista Park in Redondo Beach

Table 6-3: Receiver Predicted Pickleball Noise Level Impacts for East Courts (dBA)

Receiver No.	Receiver Name	Floor	Ambient Noise Levels (dBA)				Predicted Noise Levels (dBA)			Combined Noise Levels (dBA)			Difference Between Ambient and Combined Noise Levels (dBA)		
			Daytime	Evening	Nighttime	CNEL	Daytime Evening	Nighttime	CNEL	Daytime	Evening	Nighttime	Daytime	Evening	Nighttime
1	701 S Juanita Ave	GF	57.0	52.8	46.8	62.0	31.0	0.0	30.5	57.0	52.9	46.8	0.0	0.0	0.0
1	701 S Juanita Ave	1.FI	57.0	52.8	46.8	62.0	32.6	0.0	32.1	57.0	52.9	46.8	0.0	0.0	0.0
2	710 Camino Real	GF	57.0	52.8	46.8	62.0	33.7	0.0	33.3	57.1	52.9	46.8	0.0	0.1	0.0
2	710 Camino Real	1.FI	57.0	52.8	46.8	62.0	33.7	0.0	33.2	57.1	52.9	46.8	0.0	0.1	0.0
3	717 S Juanita Ave	GF	57.0	52.8	46.8	62.0	38.6	0.0	38.1	57.1	53.0	46.8	0.1	0.2	0.0
3	717 S Juanita Ave	1.FI	57.0	52.8	46.8	62.0	38.6	0.0	38.1	57.1	53.0	46.8	0.1	0.2	0.0
4	731 S Juanita Ave	GF	57.0	52.8	46.8	62.0	42.5	0.0	42.1	57.2	53.2	46.8	0.2	0.4	0.0
4	731 S Juanita Ave	1.FI	57.0	52.8	46.8	62.0	42.5	0.0	42.0	57.2	53.2	46.8	0.2	0.4	0.0
5	733 S Juanita Ave	GF	57.0	52.8	46.8	62.0	42.3	0.0	41.8	57.2	53.2	46.8	0.1	0.4	0.0
5	733 S Juanita Ave	1.FI	57.0	52.8	46.8	62.0	42.4	0.0	41.9	57.2	53.2	46.8	0.1	0.4	0.0
6	744 S Juanita Ave	GF	57.0	52.8	46.8	62.0	36.8	0.0	36.3	57.1	52.9	46.8	0.0	0.1	0.0
6	744 S Juanita Ave	1.FI	57.0	52.8	46.8	62.0	36.8	0.0	36.3	57.1	52.9	46.8	0.0	0.1	0.0
7	753 Serpentine St	GF	57.0	52.8	46.8	62.0	34.5	0.0	34.1	57.1	52.9	46.8	0.0	0.1	0.0
7	753 Serpentine St	1.FI	57.0	52.8	46.8	62.0	35.0	0.0	34.5	57.1	52.9	46.8	0.0	0.1	0.0
8	826 Camino Real	GF	57.0	52.8	46.8	62.0	34.9	0.0	34.4	57.1	52.9	46.8	0.0	0.1	0.0
8	826 Camino Real	1.FI	57.0	52.8	46.8	62.0	34.9	0.0	34.4	57.1	52.9	46.8	0.0	0.1	0.0
9	903 Serpentine St	GF	57.0	52.8	46.8	62.0	36.8	0.0	36.3	57.1	52.9	46.8	0.0	0.1	0.0
9	903 Serpentine St	1.FI	57.0	52.8	46.8	62.0	36.8	0.0	36.3	57.1	52.9	46.8	0.0	0.1	0.0
10	904 Camino Real	GF	57.0	52.8	46.8	62.0	30.9	0.0	30.4	57.0	52.9	46.8	0.0	0.0	0.0
10	904 Camino Real	1.FI	57.0	52.8	46.8	62.0	30.9	0.0	30.4	57.0	52.9	46.8	0.0	0.0	0.0

Noise Impact Study for Four Pickleball Courts at Alta Vista Park in Redondo Beach

Receiver No.	Receiver Name	Floor	Ambient Noise Levels (dBA)				Predicted Noise Levels (dBA)			Combined Noise Levels (dBA)			Difference Between Ambient and Combined Noise Levels (dBA)		
			Daytime	Evening	Nighttime	CNEL	Daytime Evening	Nighttime	CNEL	Daytime	Evening	Nighttime	Daytime	Evening	Nighttime
11	1001 Camino Real	GF	57.0	52.8	46.8	62.0	27.9	0.0	27.4	57.0	52.9	46.8	0.0	0.0	0.0
11	1001 Camino Real	1.F1	57.0	52.8	46.8	62.0	27.9	0.0	27.4	57.0	52.9	46.8	0.0	0.0	0.0
11	1001 Camino Real	2.F1	57.0	52.8	46.8	62.0	27.9	0.0	27.4	57.0	52.9	46.8	0.0	0.0	0.0

Notes:

- a) Ambient noise levels are based on the 24-hour noise measurements taken by Yorke on June 11-12, 2025.
- b) Daytime = 7 a.m. to 10 p.m.
 Evening = 7 p.m. to 10 p.m.
 Nighttime = 10 p.m. to 7 a.m.

6.4 Noise Impacts

As discussed above, the City's Municipal Code Section 4-24.401 states that the allowable interior noise level for residential properties is 45 dBA from 7:00 a.m. to 10:00 p.m. With regard to exterior noise levels, Section 4-24.301 states that no person may operate, or cause to be operated, any source of sound at any location within the City or allow the creation of any noise on property owned, leased, occupied, or otherwise controlled by such person which causes the noise level when measured on any other property to exceed the presumed or actual measured ambient noise level for the various land use categories in the City's Municipal Code Section 4-24.301. As shown in Tables 6-2 and 6-3, playing pickleball at the proposed west or east courts will increase the ambient noise levels for the nearest sensitive receptors by 0.4-0.7 dBA. Increases in noise of less than 1 dBA is not discernable to human hearing, even under laboratory conditions. A measurement of 3 dBA is considered to be the minimum change that is needed for humans to detect a change in noise levels in outdoor environments. Thus, converting a tennis court to four pickleball courts is not expected to cause any significant impact. Interior noise levels will be maintained at current levels at nearby receptors.

Furthermore, while pickleball has a distinct sound character compared to tennis, noise measurements conducted at the courts (see Table 5-1, Location 3, Samples 5 and 6) indicate that its overall sound levels are not greater. Although limited to 20 minutes in duration and taken at the source rather than at the nearest sensitive receptors, Samples 5 and 6 provide a useful comparison of relative on-site noise. During pickleball-only activity, the sound level measured was 57.3 dBA. When both pickleball and tennis were played concurrently, the level increased to 66.0 dBA — a difference of 8.7 dBA. Given that a 10 dBA increase is generally perceived as a doubling of loudness, this result suggests that tennis, which is currently accepted and in regular use at the facility, is an established part of the existing sound environment. While these measurements do not reflect off-site impacts, they support the conclusion that converting one tennis court to four pickleball courts would not result in greater noise levels.

6.5 Consideration of Impulsive Sound Characteristics

Pickleball play involves impulsive sounds, particularly from paddle-ball impacts, which can be perceived as more prominent than continuous background noise. While the City's noise standards are based on Leq—a time-averaged metric that captures total sound energy—some guidance documents, including American National Standards Institute (ANSI) S12.9-4, recommend applying a 5 dB adjustment for strongly impulsive sounds in certain contexts, such as community annoyance evaluations.

To address this concern conservatively, a 5 dB penalty was applied to the predicted Leq values from the proposed pickleball courts (see Tables 6-4 and 6-5). Even with this adjustment, the adjusted predicted noise level remains below the existing measured ambient noise levels.

When combining the adjusted predicted noise with the existing ambient noise, the resulting increase in overall sound level ranges between 0.1-1.8 dBA. This change is still considered barely perceptible, as changes of less than 3 dBA are generally not distinguishable to the average listener under normal conditions. Therefore, the proposed courts are not expected to cause a substantial change in the acoustic environment, even when accounting for the impulsive character of pickleball play.

Table 6-4: Adjusted Receiver Predicted Pickleball Noise Level Impacts for West Courts (dBA)

Receiver No.	Receiver Name	Floor	Ambient Noise Levels (dBA)				Predicted Noise Levels (dBA)			Combined Noise Levels (dBA)			Difference between Ambient and Combined (dBA)		
			Daytime	Evening	Nighttime	CNEL	Daytime Evening	Nighttime	Daytime	Evening	Nighttime	Daytime	Evening	Nighttime	
1	701 S Juanita Ave	GF	57.0	52.8	46.8	62.0	33.3	0.0	57.1	52.9	46.8	0.0	0.0	0.0	
1	701 S Juanita Ave	1.FI	57.0	52.8	46.8	62.0	36.6	0.0	57.1	52.9	46.8	0.0	0.1	0.0	
2	710 Camino Real	GF	57.0	52.8	46.8	62.0	38.6	0.0	57.1	53.0	46.8	0.1	0.2	0.0	
2	710 Camino Real	1.FI	57.0	52.8	46.8	62.0	38.6	0.0	57.1	53.0	46.8	0.1	0.2	0.0	
3	717 S Juanita Ave	GF	57.0	52.8	46.8	62.0	43.4	0.0	57.2	53.3	46.8	0.2	0.5	0.0	
3	717 S Juanita Ave	1.FI	57.0	52.8	46.8	62.0	44.5	0.0	57.3	53.4	46.8	0.2	0.6	0.0	
4	731 S Juanita Ave	GF	57.0	52.8	46.8	62.0	49.3	0.0	57.7	54.4	46.8	0.7	1.6	0.0	
4	731 S Juanita Ave	1.FI	57.0	52.8	46.8	62.0	50.0	0.0	57.8	54.7	46.8	0.8	1.8	0.0	
5	733 S Juanita Ave	GF	57.0	52.8	46.8	62.0	47.7	0.0	57.5	54.0	46.8	0.5	1.2	0.0	
5	733 S Juanita Ave	1.FI	57.0	52.8	46.8	62.0	49.8	0.0	57.8	54.6	46.8	0.8	1.7	0.0	
6	744 S Juanita Ave	GF	57.0	52.8	46.8	62.0	42.2	0.0	57.2	53.2	46.8	0.1	0.4	0.0	
6	744 S Juanita Ave	1.FI	57.0	52.8	46.8	62.0	42.2	0.0	57.2	53.2	46.8	0.1	0.4	0.0	
7	753 Serpentine St	GF	57.0	52.8	46.8	62.0	38.3	0.0	57.1	53.0	46.8	0.1	0.1	0.0	
7	753 Serpentine St	1.FI	57.0	52.8	46.8	62.0	40.5	0.0	57.1	53.1	46.8	0.1	0.2	0.0	
8	826 Camino Real	GF	57.0	52.8	46.8	62.0	39.0	0.0	57.1	53.0	46.8	0.1	0.2	0.0	
8	826 Camino Real	1.FI	57.0	52.8	46.8	62.0	39.0	0.0	57.1	53.0	46.8	0.1	0.2	0.0	
9	903 Serpentine St	GF	57.0	52.8	46.8	62.0	42.0	0.0	57.2	53.2	46.8	0.1	0.3	0.0	
9	903 Serpentine St	1.FI	57.0	52.8	46.8	62.0	42.0	0.0	57.2	53.2	46.8	0.1	0.3	0.0	
10	904 Camino Real	GF	57.0	52.8	46.8	62.0	35.2	0.0	57.1	52.9	46.8	0.0	0.1	0.0	

Noise Impact Study for Four Pickleball Courts at Alta Vista Park in Redondo Beach

10	904 Camino Real	1.FI	57.0	52.8	46.8	62.0	35.2	0.0	57.1	52.9	46.8	0.0	0.1	0.0
11	1001 Camino Real	GF	57.0	52.8	46.8	62.0	32.4	0.0	57.0	52.9	46.8	0.0	0.0	0.0
11	1001 Camino Real	1.FI	57.0	52.8	46.8	62.0	32.4	0.0	57.0	52.9	46.8	0.0	0.0	0.0
11	1001 Camino Real	2.FI	57.0	52.8	46.8	62.0	32.4	0.0	57.0	52.9	46.8	0.0	0.0	0.0

Notes:

- c) Ambient noise levels are based on the 24-hour noise measurements taken by Yorke on June 11-12, 2025.
- d) Daytime = 7 a.m. to 10 p.m.
 Evening = 7 p.m. to 10 p.m.
 Nighttime = 10 p.m. to 7 a.m.

Table 6-5: Adjusted Receiver Predicted Pickleball Noise Level Impacts for East Courts (dBA)

Receiver No.	Receiver Name	Floor	Ambient Noise Levels (dBA)				Predicted Noise Levels (dBA)			Combined Noise Levels (dBA)			Difference between Ambient and Combined (dBA)		
			Daytime	Evening	Nighttime	CNEL	Daytime Evening	Nighttime	Daytime	Evening	Nighttime	Daytime	Evening	Nighttime	
1	701 S Juanita Ave	GF	57.0	52.8	46.8	62.0	36.0	0.0	57.1	52.9	46.8	0.0	0.1	0.0	
1	701 S Juanita Ave	1.FI	57.0	52.8	46.8	62.0	37.6	0.0	57.1	53.0	46.8	0.0	0.1	0.0	
2	710 Camino Real	GF	57.0	52.8	46.8	62.0	38.7	0.0	57.1	53.0	46.8	0.1	0.2	0.0	
2	710 Camino Real	1.FI	57.0	52.8	46.8	62.0	38.7	0.0	57.1	53.0	46.8	0.1	0.2	0.0	
3	717 S Juanita Ave	GF	57.0	52.8	46.8	62.0	43.6	0.0	57.2	53.3	46.8	0.2	0.5	0.0	
3	717 S Juanita Ave	1.FI	57.0	52.8	46.8	62.0	43.6	0.0	57.2	53.3	46.8	0.2	0.5	0.0	
4	731 S Juanita Ave	GF	57.0	52.8	46.8	62.0	47.5	0.0	57.5	54.0	46.8	0.5	1.1	0.0	
4	731 S Juanita Ave	1.FI	57.0	52.8	46.8	62.0	47.5	0.0	57.5	54.0	46.8	0.5	1.1	0.0	
5	733 S Juanita Ave	GF	57.0	52.8	46.8	62.0	47.3	0.0	57.5	53.9	46.8	0.4	1.1	0.0	
5	733 S Juanita Ave	1.FI	57.0	52.8	46.8	62.0	47.4	0.0	57.5	53.9	46.8	0.4	1.1	0.0	
6	744 S Juanita Ave	GF	57.0	52.8	46.8	62.0	41.8	0.0	57.2	53.2	46.8	0.1	0.3	0.0	
6	744 S Juanita Ave	1.FI	57.0	52.8	46.8	62.0	41.8	0.0	57.2	53.2	46.8	0.1	0.3	0.0	
7	753 Serpentine St	GF	57.0	52.8	46.8	62.0	39.5	0.0	57.1	53.0	46.8	0.1	0.2	0.0	
7	753 Serpentine St	1.FI	57.0	52.8	46.8	62.0	40.0	0.0	57.1	53.1	46.8	0.1	0.2	0.0	
8	826 Camino Real	GF	57.0	52.8	46.8	62.0	39.9	0.0	57.1	53.1	46.8	0.1	0.2	0.0	
8	826 Camino Real	1.FI	57.0	52.8	46.8	62.0	39.9	0.0	57.1	53.1	46.8	0.1	0.2	0.0	
9	903 Serpentine St	GF	57.0	52.8	46.8	62.0	41.8	0.0	57.2	53.2	46.8	0.1	0.3	0.0	
9	903 Serpentine St	1.FI	57.0	52.8	46.8	62.0	41.8	0.0	57.2	53.2	46.8	0.1	0.3	0.0	
10	904 Camino Real	GF	57.0	52.8	46.8	62.0	35.9	0.0	57.1	52.9	46.8	0.0	0.1	0.0	

Noise Impact Study for Four Pickleball Courts at Alta Vista Park in Redondo Beach

Receiver No.	Receiver Name	Floor	Ambient Noise Levels (dBA)				Predicted Noise Levels (dBA)		Combined Noise Levels (dBA)			Difference between Ambient and Combined (dBA)		
			Daytime	Evening	Nighttime	CNEL	Daytime Evening	Nighttime	Daytime	Evening	Nighttime	Daytime	Evening	Nighttime
10	904 Camino Real	1.F1	57.0	52.8	46.8	62.0	35.9	0.0	57.1	52.9	46.8	0.0	0.1	0.0
11	1001 Camino Real	GF	57.0	52.8	46.8	62.0	32.9	0.0	57.1	52.9	46.8	0.0	0.0	0.0
11	1001 Camino Real	1.F1	57.0	52.8	46.8	62.0	32.9	0.0	57.1	52.9	46.8	0.0	0.0	0.0
11	1001 Camino Real	2.F1	57.0	52.8	46.8	62.0	32.9	0.0	57.1	52.9	46.8	0.0	0.0	0.0

Notes:

- c) Ambient noise levels are based on the 24-hour noise measurements taken by Yorke on June 11-12, 2025.
- d) Daytime = 7 a.m. to 10 p.m.
 Evening = 7 p.m. to 10 p.m.
 Nighttime = 10 p.m. to 7 a.m.

7.0 CONCLUSIONS

Predicted operational noise levels are anticipated to range between 27.4 and 45.0 dBA at the nearest sensitive receivers when pickleball is played at the west courts and between 27.9 and 42.5 dBA when pickleball is played at the east courts. For context, typical conversational speech occurs at approximately 60 dBA at a distance of 3 feet, indicating that the average pickleball-generated noise would be substantially lower.

The noise survey indicated that the baseline ambient noise levels (L_{eq}) range between 54.9 and 58.9 dBA. The acoustical modeling results indicated that playing pickleball at the proposed west or east courts would raise the ambient noise levels for the nearest sensitive receptors by a minor increment, only 0.4-0.7 dBA. The 24-hour noise survey also shows that playing pickleball at the proposed courts raised the ambient noise levels by 0.4 dBA. This minimal change in ambient noise levels is well below the threshold of human perceptibility and therefore the projected impact is considered less than significant. Even with a conservative 5 dB adjustment for impulsive sound, the predicted noise from the proposed pickleball courts remains below the existing ambient level, with a maximum combined increase of only 1.8 dBA, which is considered barely perceptible. Interior noise levels will be maintained at current noise levels.

While pickleball activity may be momentarily audible at times, the overall noise level associated with the activity (L_{eq}) remains below the existing ambient noise levels in the Project area. L_{eq} reflects the average energy of sound over time, and when this average is lower than the surrounding environmental noise, the new source blends into the background and becomes acoustically insignificant. Therefore, despite occasional audibility, the activity does not result in a perceptible change to the noise environment and is unlikely to cause disturbance and it does not violate the City's applicable noise standards. Furthermore, on-site measurements indicate that pickleball activity produces sound levels comparable to or lower than tennis, supporting the conclusion that converting one tennis court to four pickleball courts would not result in increased noise levels.

No adverse impacts are expected from, and no noise control measures would be required for the operation of the proposed pickleball courts. Therefore, the potential noise impact of the proposed Project would be less than significant.

Although playing pickleball at either set of courts (east or west) would not impact the nearest sensitive receptors, the west courts would be preferable because of balanced separation distances from nearest residences.

8.0 REFERENCES

- Acoustical Society of America, 2021. ANSI/ASA S12.9-2021/Part 4: Quantities and Procedures for Description and Measurement of Environmental Sound — Part 4: Noise Assessment and Prediction of Long-Term Community Response
- California Department of Transportation, Technical Noise Supplement, 2013. Website (http://www.dot.ca.gov/hq/env/noise/pub/TeNS_Sept_2013A.pdf)
- City of Redondo Beach General Plan, Environmental Hazards/Natural Hazards Element; Website (https://www.redondo.org/departments/community_development/planning/general_plan_and_long-range_planning_.php#outer-98).
- City of Redondo Beach Municipal Code, Chapter 24, Noise Regulation; Website (<https://ecode360.com/42651123>).
- Federal Highway Administration (FHWA), Highway Traffic Noise: Analysis and Abatement Guidance, 2011; Website (https://rosap.ntl.bts.gov/view/dot/63200/dot_63200_DS1.pdf)
- Governor’s Office of Land Use and Climate Innovation (LCI). 2017. California Noise Land Use Compatibility Standards, Appendix D – Guidelines for the Preparation and Content of the Noise Element of the General Plan. Website (https://lci.ca.gov/docs/OPR_Appendix_D_final.pdf).
- Jansen, Gerd, “Effects of Noise on Physiological State,” Noise as a Public Health Hazard; Proceedings of the Conference (Washington, D.C.: American Speech and Hearing Association) 1969.

APPENDIX A – NOISE MEASUREMENT FIELD NOTES

Noise Measurement Data Form

Client:		City of Redondo Beach		Sampled by: Camilla Westberg		Date: June 11-12, 2025			
Contact/PM:		Tina Darjazanie		Notes: The park was on the east side of the Juanita Avenue. Residences were on the west side of the street. The street ran north to south. There was a slope on the east side of the street so the park with the tennis courts was submerged. There was also a baseball field and basketball courts further east inside the park.					
Site:		Location 1							
Client No.:		2118-001		Calibrator Make/Model: Casella CEL-120/2			Calibrator Cal Exp Date: 6/18/2025		
Sound Level Meter Make/Model:		Casella Type 1		Sound Level Meter Serial Number: 166060		Calibrator Serial Number:		3162496	
Sample Location Name:				Sample Location Description: The sample was installed on top of a boom truck at approximately 13 feet height to represent the noise exposure that could be expected on the balconies of the residence across the street from the park on Juanita Avenue. The boom truck was parked on the east side of the street.					
Microphone Height (ft):		13 feet							
Weighting:		A		Calibrated?:		Yes		Weather Temperature (°F): Day: 65 Night: 63	
Response Time:		Slow		Calibration value:		113.9 to 113.7			
								Sky: Day: Cloudy Night: Foggy	
								Barometric Pressure: Day: 29.92 Night: 29.87	
								Humidity: Day: 84 Night: 58	
Sample No.	Time On	Time Off	Range (in dBA)	Notes					
1	6/11/25 1:31 PM	6/12/25 1:31 PM	29.8-73.0 dBA	The meter was installed on a boom truck at approximately 13 feet height to represent the height of the balconies of the residences across the street. Sampling was performed during activities in the park, including playing pickleball on two tennis courts, which were divided into a total of eight pickle ballcourts. Four pickleball courts were playing at a time (east tennis court and west tennis court) on 6/11/2025 from 1:31 pm-2:25 pm. There was also tennis being played at some of the other courts.					

Noise Measurement Data Form

Client:		City of Redondo Beach		Sampled by: Camilla Westberg		Date: 6/11/2025	
Contact/PM:		Tina Darjazanie		Notes: The park was on the east side of the Juanita Avenue. Residences were on the west side of the street. The street ran north to south. There was a slope on the east side of the street so the park with the tennis courts was submerged. There was also a baseball field and basketball courts further east inside the park.			
Site:		Location 2					
Client No.:		2118-001		Calibrator Make/Model: TSI		Calibrator Cal Exp Date: 1/4/2026	
Sound Level Meter Make/Model:		TSI SoundPRo Type 2		Sound Level Meter Serial Number: BIU070007		Calibrator Serial Number: AC300013570	
Sample Location Name:		729/731 Juanita Avenue		Sample Location Description: The sample was installed on the west side of Juanita Avenue in front of the property line between 729 and 731 Juanita Avenue. The sample was placed at approximately 4 foot height on the sidewalk.			
Microphone Height (ft):		4 feet					
Weighting:		A		Calibrated?: Yes		Weather	
Response Time:		Slow		Calibration value: 114		Temperature (°F):	
						Wind (MPH):	
						Sky:	
						Barometric Pressure:	
						Humidity:	
						Day: 65	
						Day: 7 E	
						Day: Cloudy	
						Day: 29.92	
						Day: 84	
						Night: 63	
						Night: 5 W	
						Night: Foggy	
						Night: 29.87	
						Night: 58	
Sample No.	Time On	Time Off	Range (in dBA)	Notes			
2	6/11/25 11:37 AM	6/11/25 11:57 AM	45.9-73.0	Background sample before pickleball playing was initiated. Cars passed on the street. A concrete truck inside the park poured concrete momentarily. The neighbor at 733 Juanita Avenue ran the engine of a Sea-Doo boat at 11:49am for a short period of time.			
3	6/11/25 12:07 PM	6/11/25 12:28 PM	46.7-78.7	Pickleball was played on the four temporary courts installed on the east side tennis court. The concrete truck was backing up inside the park which emitted a warning beeping sound. At 12:12pm a single firework was lit off in the parking lot on the south side inside the park. Cars were passing on the street and children on e-bikes. None of the tennis courts were in use.			
4	6/11/25 2:06 PM	6/11/25 2:26 PM	46.8-72.2	Pickleball was played on the four temporary courts installed on the east side tennis court. Tennis was played on two courts. Cars were passing on the street. At 2:13 pm three of the pickle ball courts were being played on. At 2:16 pm children at the 735 Juanita Avenue were outside their home playing. Birds flew by and were chirping.			

Noise Measurement Data Form

Client:		City of Redondo Beach		Sampled by: Camilla Westberg		Date: 6/11/2025	
Contact/PM:		Tina Darjazanie		Notes: The park was on the east side of the Juanita Avenue. Residences were on the west side of the street. The street ran north to south. There was a slope on the east side of the street so the park with the tennis courts was submerged. There was also a baseball field and basketball courts further east inside the park.			
Site:		Location 3					
Client No.:		2118-001		Calibrator Make/Model: TSI		Calibrator Cal Exp Date: 1/4/2026	
Sound Level Meter Make/Model:		TSI SoundPRo Type 2		Sound Level Meter Serial Number: BIU070007		Calibrator Serial Number: AC300013570	
Sample Location Name:		West Side of South Tennis/Pickle Ball Courts		Sample Location Description: The sample was installed on the west side of the tennis courts at the center line of the tennis play area. The sample was placed at approximately 4 foot height on the walkway in between the chainlink fence and cinderblock wall.			
Microphone Height (ft):		4 feet					
Weighting:		A		Calibrated?:		Yes	
Response Time:		Slow		Calibration value:		114	
						Weather	
				Temperature (°F):		Wind (MPH):	
				Day: 65		Day: 7 E	
				Night: 63		Night: 5 W	
				Sky:		Barometric Pressure:	
				Day: Cloudy		Day: 29.92	
				Night: Foggy		Night: 29.87	
				Humidity:		Day: 84	
						Night: 58	
Sample No.	Time On	Time Off	Range (in dBA)	Notes			
5	6/11/25 12:30 PM	6/11/25 12:50 PM	48.3-70.2	Pickleball was played on four temporary courts installed on the east side tennis courts. Tennis was not played on any of the courts. Cars were passing on Juanita Avenue. At 12:39 an airplane flew by nearby.			
6	6/12/25 1:21 PM	6/11/25 1:41 PM	50.5-80.0	Pickleball was played on four temporary courts installed on the west side tennis courts. Tennis was played on four of the six tennis courts. Cars were passing on Juanita Avenue.			

APPENDIX B – RAW NOISE METER DATA

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/12/2025	1:30:52 PM	66	67.9	68.6	83.5	54.7	56.5
6/12/2025	1:29:52 PM	63.7	65.1	66	83.4	54.4	56.6
6/12/2025	1:28:52 PM	58.2	60.1	60.8	81.5	53.1	54.6
6/12/2025	1:27:52 PM	63.3	67.9	68.6	79.9	56.4	58.8
6/12/2025	1:26:52 PM	60	62.7	65.3	81.2	56.3	58.6
6/12/2025	1:25:52 PM	68.3	70.8	72.4	85.1	58.1	60.3
6/12/2025	1:24:52 PM	67.9	70.4	71	85.1	58.1	60.4
6/12/2025	1:23:52 PM	68.7	70.7	71.5	85.6	59.1	61.2
6/12/2025	1:22:52 PM	61.4	66.1	68	86.7	54.9	57.4
6/12/2025	1:21:52 PM	68	70.3	71.3	85.8	59.1	60.8
6/12/2025	1:20:52 PM	63.4	65.8	67	81	53.3	54.2
6/12/2025	1:19:52 PM	64.6	66.9	69.1	86	54.3	57.8
6/12/2025	1:18:52 PM	69.6	71.7	72.5	88.8	60.5	62.4
6/12/2025	1:17:52 PM	68.5	69.6	72	88.1	60.9	63
6/12/2025	1:16:52 PM	73.1	74.4	74.8	96.1	64.7	65.5
6/12/2025	1:15:52 PM	64.9	66.2	67.2	85.4	58.7	60
6/12/2025	1:14:52 PM	53.7	57	61.6	84.5	50.2	52.6
6/12/2025	1:13:52 PM	67.7	70.1	71.2	86.7	58	60.2
6/12/2025	1:12:52 PM	59	62.5	64.1	82.3	53	56.2
6/12/2025	1:11:52 PM	70.3	73.5	75.3	80.5	60.8	64.9
6/12/2025	1:10:52 PM	72.5	78.6	81.9	92.2	59	67.4
6/12/2025	1:09:52 PM	65.9	67.8	69.1	86.7	60.1	61.3
6/12/2025	1:08:52 PM	67	68.7	69.4	84.1	61.5	62.8
6/12/2025	1:07:52 PM	61.2	64.5	67.7	83.9	53.1	55.5
6/12/2025	1:06:52 PM	68.7	70.9	71.4	87.1	58.6	59.9
6/12/2025	1:05:52 PM	67	69	69.9	88.8	56.6	58.4
6/12/2025	1:04:52 PM	67.6	69.4	70.3	85.6	55.7	58.2
6/12/2025	1:03:52 PM	66	68	69.8	86.6	58.2	60.6
6/12/2025	1:02:52 PM	69.5	72.2	72.9	93.2	59	60.9
6/12/2025	1:01:52 PM	66.6	70.1	73.5	92.6	55.6	60.1
6/12/2025	1:00:52 PM	67.7	69.6	70.7	87.2	56.7	59.1
6/12/2025	12:59:52 PM	70.3	72	72.4	87.6	63.5	64.9
6/12/2025	12:58:52 PM	66.4	68.2	69.3	82.9	58.6	60.4
6/12/2025	12:57:52 PM	76.7	80.8	81.8	91.5	61.3	66.8
6/12/2025	12:56:52 PM	66.8	68.9	70.1	86.1	58	59.9
6/12/2025	12:55:52 PM	65.4	67.1	68.8	89.8	60.5	61.8
6/12/2025	12:54:52 PM	65.9	67.9	69.5	84.5	59.9	61.3
6/12/2025	12:53:52 PM	67.9	70.1	70.9	88.3	58	60.3
6/12/2025	12:52:52 PM	65.1	65.9	68.6	83.3	56.3	58.7
6/12/2025	12:51:52 PM	66.3	68.5	71.2	87.5	57.1	59.1
6/12/2025	12:50:52 PM	66.4	67.8	68.5	84.4	57.3	58.5
6/12/2025	12:49:52 PM	72.2	73.8	74.6	92.1	63.9	65.1
6/12/2025	12:48:52 PM	64.4	66.4	67.3	82.3	53.2	54.8
6/12/2025	12:47:52 PM	54.1	55.4	56.2	78.7	49.2	50.2

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/12/2025	12:46:52 PM	69.4	71.2	71.7	89.2	57.6	60.2
6/12/2025	12:45:52 PM	66.4	68.8	69.3	82.9	56.7	57.8
6/12/2025	12:44:52 PM	51.9	55.2	56.9	77.6	47.4	50
6/12/2025	12:43:52 PM	59.4	55.9	61.7	81.1	49.9	52.1
6/12/2025	12:42:52 PM	65.2	73.2	77.1	90.7	54	62
6/12/2025	12:41:52 PM	57.8	62	64.3	81.6	50.7	53.7
6/12/2025	12:40:52 PM	55.1	58	59	77.5	49.2	50.8
6/12/2025	12:39:52 PM	64.9	66	66.5	85.7	54.7	56.1
6/12/2025	12:38:52 PM	65.1	66.5	67.5	82.8	53.8	55.8
6/12/2025	12:37:52 PM	64.2	66	66.9	82.2	54.9	56.6
6/12/2025	12:36:52 PM	63.6	64.9	66.1	83.8	54.8	56.8
6/12/2025	12:35:52 PM	67.2	68.9	69.5	84.2	59.7	60.8
6/12/2025	12:34:52 PM	74.1	76.5	77.1	102.1	61.4	63.4
6/12/2025	12:33:52 PM	69	71.6	73	89.4	57.3	60.4
6/12/2025	12:32:52 PM	67.8	69.9	70.3	84.4	57.5	58.8
6/12/2025	12:31:52 PM	64.6	66.1	66.7	83.6	54.4	56
6/12/2025	12:30:52 PM	64.1	65.6	66.4	85.7	55.4	56.2
6/12/2025	12:29:52 PM	61.5	62.3	64.1	84.7	53.2	55
6/12/2025	12:28:52 PM	61.4	62.5	63	81.9	51.9	53.8
6/12/2025	12:27:52 PM	60.7	63.2	64.3	85.9	53.6	55.4
6/12/2025	12:26:52 PM	73.1	77.7	79.9	90.2	59.4	66.1
6/12/2025	12:25:52 PM	68.9	70.8	72.2	90.7	57.9	60
6/12/2025	12:24:52 PM	56.3	61.9	63.9	80.3	50.3	53.4
6/12/2025	12:23:52 PM	66.4	68.3	70.8	88	56.1	58.6
6/12/2025	12:22:52 PM	48.2	52.5	56.4	77.7	45.8	47.8
6/12/2025	12:21:52 PM	52.9	53.8	54.3	76.6	46.5	47.8
6/12/2025	12:20:52 PM	63.3	64.8	65.5	81.4	53.5	54.8
6/12/2025	12:19:52 PM	62	63.6	64.9	80.4	52.4	54.2
6/12/2025	12:18:52 PM	66.2	68.1	69.6	83.8	56.1	58
6/12/2025	12:17:52 PM	67.4	69.4	70.5	87.3	56	58.5
6/12/2025	12:16:52 PM	65.2	67.6	69.2	86.2	58.2	59.9
6/12/2025	12:15:52 PM	77.4	79.4	80	100.5	66.2	67.5
6/12/2025	12:14:52 PM	63.4	65.7	67.3	83.4	54.6	56.9
6/12/2025	12:13:52 PM	65.5	66.9	68.1	82.9	56.5	57.8
6/12/2025	12:12:52 PM	69.9	72.3	72.8	86.1	57.5	59.2
6/12/2025	12:11:52 PM	68.3	70.1	71.5	85.2	57.2	60.4
6/12/2025	12:10:52 PM	66.6	68.1	70.5	86.8	58.9	60.8
6/12/2025	12:09:52 PM	69.1	70.6	71.7	92.9	59.9	61.9
6/12/2025	12:08:52 PM	71.1	73.1	73.6	90.1	59.8	61.1
6/12/2025	12:07:52 PM	57.2	58.3	59	84.1	52.4	53.5
6/12/2025	12:06:52 PM	66.1	68.1	69.1	87.2	55	57.8
6/12/2025	12:05:52 PM	62.7	64.7	68.3	88.5	52.7	56.8
6/12/2025	12:04:52 PM	69	71.3	72.1	85.6	56.4	58.6
6/12/2025	12:03:52 PM	53.6	59.2	62.2	84.3	48.5	52.7

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/12/2025	12:02:52 PM	65.6	68.1	69.8	85.2	54	56.6
6/12/2025	12:01:52 PM	65.5	67.3	68	85.6	54.7	56.7
6/12/2025	12:00:52 PM	56.4	59.6	62.1	81.6	50.7	54.8
6/12/2025	11:59:52 AM	67.6	69.4	71.7	90.2	57.6	60.2
6/12/2025	11:58:52 AM	56.2	59.9	61.9	83.6	52.6	55.7
6/12/2025	11:57:52 AM	58	62	63.8	80.9	51.6	56
6/12/2025	11:56:52 AM	68.2	71	73.2	88.3	58.8	61.5
6/12/2025	11:55:52 AM	57.2	59.5	61.3	78.3	53.8	55.5
6/12/2025	11:54:52 AM	67.4	68.5	70.5	90.1	59.3	61.3
6/12/2025	11:53:52 AM	67.4	69.3	71.3	87.1	57.7	59.9
6/12/2025	11:52:52 AM	67.5	70.2	71.4	85.1	56.2	58.9
6/12/2025	11:51:52 AM	66.6	68.4	71.3	88.7	58.6	61.9
6/12/2025	11:50:52 AM	63.6	66	66.6	81.2	54.8	57.2
6/12/2025	11:49:52 AM	64.8	66.9	68.2	82.6	56.2	58.3
6/12/2025	11:48:52 AM	67.8	69.9	71	86.1	55.7	58.7
6/12/2025	11:47:52 AM	68.6	69.9	70.7	85.7	59.5	61.7
6/12/2025	11:46:52 AM	67.9	69.6	70.3	89.1	58.8	60.7
6/12/2025	11:45:52 AM	68.2	71	73.4	89.2	57.8	60.9
6/12/2025	11:44:52 AM	68.6	71.9	75.4	91.4	59.7	63.4
6/12/2025	11:43:52 AM	71.1	73.9	75.3	89.1	58.4	61.7
6/12/2025	11:42:52 AM	62.5	63.5	65.7	81.7	54.8	56.9
6/12/2025	11:41:52 AM	65.8	67.9	68.7	88.9	55.3	57.3
6/12/2025	11:40:52 AM	69.9	71.9	72.8	91.4	60.6	62.2
6/12/2025	11:39:52 AM	56.2	61.1	65.5	79.4	52.4	55.4
6/12/2025	11:38:52 AM	56	60.6	63.1	77.9	49.4	55.5
6/12/2025	11:37:52 AM	67.4	69.4	70.2	86.9	57.9	60.6
6/12/2025	11:36:52 AM	68.6	70.1	71.4	89.1	58.4	60.7
6/12/2025	11:35:52 AM	59.7	60.6	64.2	81.4	52.4	56
6/12/2025	11:34:52 AM	72.4	75.4	76.5	100.5	63	65
6/12/2025	11:33:52 AM	62.8	65.4	66	88.8	51.7	53.7
6/12/2025	11:32:52 AM	63.7	65.4	67.8	81.5	53.2	55.7
6/12/2025	11:31:52 AM	55	60	62.5	78.5	48.7	53.1
6/12/2025	11:30:52 AM	65.8	68	69.5	84.2	54.9	58
6/12/2025	11:29:52 AM	65.2	66.8	68.1	83.2	55.2	57.8
6/12/2025	11:28:52 AM	66.3	68	68.7	86.8	55.4	57.8
6/12/2025	11:27:52 AM	62.7	61	63.2	79.8	51.8	55.2
6/12/2025	11:26:52 AM	66	67.5	68.4	85.8	55.2	58.4
6/12/2025	11:25:52 AM	71.8	74.6	75.4	100.9	59.6	62.5
6/12/2025	11:24:52 AM	56.3	57.2	59.5	75.2	49.6	52.7
6/12/2025	11:23:52 AM	64.5	65.9	67.9	85.3	56.2	57.7
6/12/2025	11:22:52 AM	63.6	65.4	66.5	82.1	53.6	55.7
6/12/2025	11:21:52 AM	64	68.5	73	88.9	53.8	58.9
6/12/2025	11:20:52 AM	67.9	69.9	70.5	85.3	56.1	57.9
6/12/2025	11:19:52 AM	66	68.4	69.2	83.8	55.5	57.8

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/12/2025	11:18:52 AM	68.3	70.4	71.6	86.3	59.2	61.3
6/12/2025	11:17:52 AM	65.5	68.7	70.1	82.5	59	60.6
6/12/2025	11:16:52 AM	57.7	59.7	61.1	77.1	55.8	56.5
6/12/2025	11:15:52 AM	69.2	72.1	74	85.7	60.9	63.5
6/12/2025	11:14:52 AM	67	69.9	72.1	83.9	61.5	64.1
6/12/2025	11:13:52 AM	67.9	70.9	72.8	84.8	62.4	65.4
6/12/2025	11:12:52 AM	70.3	74.2	75.6	89.7	62.4	65.7
6/12/2025	11:11:52 AM	68.6	71.8	73.3	87	61.8	64.6
6/12/2025	11:10:52 AM	61.5	64.6	66.5	79.6	58.7	60.2
6/12/2025	11:09:52 AM	59.9	61.4	62.4	77.7	57.3	58
6/12/2025	11:08:52 AM	68.6	71.3	73.4	89.4	60.9	62.9
6/12/2025	11:07:52 AM	68.4	69.8	70.5	86.2	60.7	62.3
6/12/2025	11:06:52 AM	66.6	68.2	68.9	83.4	59	59.8
6/12/2025	11:05:52 AM	62.8	63.5	64.2	80.8	58.3	58.8
6/12/2025	11:04:52 AM	69.9	74.1	76.4	89.1	64.5	66.3
6/12/2025	11:03:52 AM	67.9	70.8	73.1	88.3	62.8	65
6/12/2025	11:02:52 AM	68.1	70.2	71	85.3	62.4	64.1
6/12/2025	11:01:52 AM	68	70.4	71.8	86.9	56.7	59.2
6/12/2025	11:00:52 AM	54.7	57.4	61	77.5	51.6	53.2
6/12/2025	10:59:52 AM	70.6	73	73.8	89.6	57.7	60.3
6/12/2025	10:58:52 AM	67.1	69.6	71.6	87.4	55.6	59.1
6/12/2025	10:57:52 AM	66.4	68	68.8	84.3	55.2	57.6
6/12/2025	10:56:52 AM	65.4	68.2	69.4	86	55.4	58.4
6/12/2025	10:55:52 AM	66.3	68.3	69.4	85.9	58	60
6/12/2025	10:54:52 AM	70.1	72.4	73.1	88.4	59.2	61
6/12/2025	10:53:52 AM	68.5	70.5	72.1	87.9	56.8	59.7
6/12/2025	10:52:52 AM	62.3	63.7	64.6	79.7	54.5	56.2
6/12/2025	10:51:52 AM	65.4	70.1	71.1	84.2	57.8	61
6/12/2025	10:50:52 AM	67.2	68.4	69.4	86.3	58.4	60.9
6/12/2025	10:49:52 AM	60.6	64.7	65.6	77.9	54.4	57.2
6/12/2025	10:48:52 AM	70.1	72.6	74	88	60.1	62.4
6/12/2025	10:47:52 AM	68.2	69.8	70.2	87	59.1	60.8
6/12/2025	10:46:52 AM	64.1	69.5	71.3	80.7	54.8	58.7
6/12/2025	10:45:52 AM	63.3	65.1	66.3	82.2	54.9	57
6/12/2025	10:44:52 AM	69	70.5	72.2	87.2	59.8	62.3
6/12/2025	10:43:52 AM	72.8	74.5	75.2	96.6	62.1	64.4
6/12/2025	10:42:52 AM	64.6	65.8	67	83.3	55.8	57.2
6/12/2025	10:41:52 AM	66.4	70	70.8	81.6	58.1	60.6
6/12/2025	10:40:52 AM	77.4	80	80.2	89.8	70.8	73.4
6/12/2025	10:39:52 AM	62.6	63.6	64.3	79.7	55.2	56.7
6/12/2025	10:38:52 AM	55.1	58.1	60.1	78.5	52.2	54.8
6/12/2025	10:37:52 AM	67.3	68.3	69.6	84.1	58.2	59.5
6/12/2025	10:36:52 AM	56.2	56.9	59.6	75.8	51.8	54
6/12/2025	10:35:52 AM	51.1	55.8	60	76.2	48.3	51.8

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/12/2025	10:34:52 AM	67.5	68.6	69.5	83.7	58.8	60.2
6/12/2025	10:33:52 AM	67.3	68.8	69.3	84.1	58	59.5
6/12/2025	10:32:52 AM	66.5	68.6	69.7	84.7	54.8	57.3
6/12/2025	10:31:52 AM	65.2	69.8	71.8	82	51.7	57.9
6/12/2025	10:30:52 AM	62.7	65.7	68.2	86.2	53.9	58.1
6/12/2025	10:29:52 AM	58.6	61.8	62.5	78.4	51.7	55.8
6/12/2025	10:28:52 AM	65.4	67.5	68	82.8	56.3	58.1
6/12/2025	10:27:52 AM	69.7	71.8	72.7	85.9	58.3	61.3
6/12/2025	10:26:52 AM	68.7	70.1	71.4	90.8	58.2	60.2
6/12/2025	10:25:52 AM	67.7	69.8	71	86.4	56.9	60.1
6/12/2025	10:24:52 AM	64.6	70.2	72.5	86	55.6	60.4
6/12/2025	10:23:52 AM	58	64	68.5	81	53.9	58
6/12/2025	10:22:52 AM	64.9	66.6	68.3	84.8	54.7	57.6
6/12/2025	10:21:52 AM	68	70.2	71.4	85.1	57.9	60.1
6/12/2025	10:20:52 AM	57.4	58.8	62.4	77.1	50	54.7
6/12/2025	10:19:52 AM	64.6	58.6	67.2	78.6	51	57
6/12/2025	10:18:52 AM	69.5	72.1	73.5	89.5	57	59.7
6/12/2025	10:17:52 AM	68.6	71.1	72.1	86.3	62.5	64
6/12/2025	10:16:52 AM	70	72.1	73.6	88	60.6	62.9
6/12/2025	10:15:52 AM	68.4	70.4	71.9	89.5	61	62.8
6/12/2025	10:14:52 AM	59	59.9	64.8	78.6	56.4	58.5
6/12/2025	10:13:52 AM	68.8	71.7	72.8	88.3	60.8	62.5
6/12/2025	10:12:52 AM	68.6	70.5	71.6	88.2	59.3	60.9
6/12/2025	10:11:52 AM	67.9	69.5	69.9	90.2	59.2	61.2
6/12/2025	10:10:52 AM	65.8	68.1	70.5	85.8	59.5	61.8
6/12/2025	10:09:52 AM	67.6	70.2	71	83.9	59.1	61.2
6/12/2025	10:08:52 AM	72.5	75	75.8	89.9	63.1	66.2
6/12/2025	10:07:52 AM	63.4	66.8	68.5	80.6	58.7	61.1
6/12/2025	10:06:52 AM	64.4	66.6	67.3	82.3	58.3	59.7
6/12/2025	10:05:52 AM	65.6	67.5	68.8	84.5	58.4	59.7
6/12/2025	10:04:52 AM	65.4	68.1	69	82.3	60.7	62.6
6/12/2025	10:03:52 AM	66.9	69.3	69.9	84.7	61.2	63.1
6/12/2025	10:02:52 AM	67	69.7	70.5	85.1	61.7	63.4
6/12/2025	10:01:52 AM	68.8	72.2	73.4	84.2	61.7	64.4
6/12/2025	10:00:52 AM	65.8	68.2	70.4	84.1	59	60.6
6/12/2025	9:59:52 AM	65.9	69.3	70.5	82.9	59.8	61.8
6/12/2025	9:58:52 AM	66.8	68.7	70	85.1	61.8	63.3
6/12/2025	9:57:52 AM	66	69	70.3	82.3	60.9	62.8
6/12/2025	9:56:52 AM	65.6	68.4	71.6	84.8	60.4	62.6
6/12/2025	9:55:52 AM	66.3	68.1	69.8	84	59.5	61.2
6/12/2025	9:54:52 AM	66.8	70.6	72.7	83.7	60.1	62.2
6/12/2025	9:53:52 AM	68.5	69.8	70.6	85.1	60.4	61.8
6/12/2025	9:52:52 AM	68.5	70.1	70.5	87.5	60	62
6/12/2025	9:51:52 AM	66	67.6	68.7	83	57	59.2

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/12/2025	9:50:52 AM	68.3	70.5	71.7	85.6	56	58.4
6/12/2025	9:49:52 AM	64.3	66	66.8	84.2	55.8	58
6/12/2025	9:48:52 AM	71.4	75.3	76.1	83.9	57.8	61.7
6/12/2025	9:47:52 AM	63.4	64.7	66.3	82.4	54.2	57.3
6/12/2025	9:46:52 AM	66.3	68.7	70.6	88.8	55.8	59
6/12/2025	9:45:52 AM	67.5	69.5	70	83.9	57.2	58.7
6/12/2025	9:44:52 AM	66.9	68.6	69.1	88.3	57.2	60.1
6/12/2025	9:43:52 AM	63.9	65.8	66.3	81.7	56	58
6/12/2025	9:42:52 AM	63.5	65.3	67.6	82.8	56.2	58.6
6/12/2025	9:41:52 AM	64.3	65.9	67.2	87.8	57	59.9
6/12/2025	9:40:52 AM	72.6	74.6	75.1	96.2	60.8	63.7
6/12/2025	9:39:52 AM	73.5	75.7	76.4	91.4	61.5	63.5
6/12/2025	9:38:52 AM	68.1	69.6	71	88.9	56.4	59.6
6/12/2025	9:37:52 AM	59.7	60.6	63.9	81.9	53.1	56.9
6/12/2025	9:36:52 AM	61.9	63.1	64.5	82.7	53.8	55.6
6/12/2025	9:35:52 AM	62.9	64.7	65.4	84.8	56.6	58.2
6/12/2025	9:34:52 AM	52.5	57.7	61.6	79.6	50.2	54.7
6/12/2025	9:33:52 AM	66.4	63	70.5	80.9	54.6	58.7
6/12/2025	9:32:52 AM	72.4	75	77.1	91.9	60.4	63.4
6/12/2025	9:31:52 AM	62.9	64.3	65.8	85.9	54.6	56.6
6/12/2025	9:30:52 AM	66.7	68.5	70.3	88.5	57.5	60.1
6/12/2025	9:29:52 AM	63.3	66	69	85.1	53.2	56.6
6/12/2025	9:28:52 AM	65.5	63.3	70.6	77.4	52	57
6/12/2025	9:27:52 AM	66.5	69.5	72.8	89.2	54.8	57.7
6/12/2025	9:26:52 AM	64.5	66.2	67	82.1	55.4	57.8
6/12/2025	9:25:52 AM	65.5	69.3	72.2	87.8	53.8	58.5
6/12/2025	9:24:52 AM	65.9	67.8	69.3	84.1	57.6	59.4
6/12/2025	9:23:52 AM	64.7	65.9	66.6	85.3	57.4	59.3
6/12/2025	9:22:52 AM	60.3	65.9	67.5	75.9	52.3	55.5
6/12/2025	9:21:52 AM	65.5	67.8	68.5	82.6	56.7	58.1
6/12/2025	9:20:52 AM	62.5	64	65.6	85.7	54	56.1
6/12/2025	9:19:52 AM	63.6	64.7	65.6	81.2	54.9	56.2
6/12/2025	9:18:52 AM	56.7	58.7	61.7	79.5	51.1	53.6
6/12/2025	9:17:52 AM	68.3	70.9	73.2	88.6	60.2	62.4
6/12/2025	9:16:52 AM	66.2	68.3	68.7	84	56.4	58
6/12/2025	9:15:52 AM	52.1	57.1	61.8	77.2	49.8	54.1
6/12/2025	9:14:52 AM	54.7	59.1	63.4	83.1	50.3	56.2
6/12/2025	9:13:52 AM	60.5	66.8	69	81.8	50.4	58
6/12/2025	9:12:52 AM	70.5	72.7	74.6	90	59.3	62.6
6/12/2025	9:11:52 AM	62.3	63.7	65	82.2	53.7	57
6/12/2025	9:10:52 AM	67.8	70.9	72.4	86.2	56	59.8
6/12/2025	9:09:52 AM	65.3	69.9	71.3	81.9	56.7	61.4
6/12/2025	9:08:52 AM	58.3	60.6	64.9	79.7	54.6	58.3
6/12/2025	9:07:52 AM	68.8	70.4	71.6	87.8	63	64.5

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/12/2025	9:06:52 AM	61.1	65.6	67.1	78.2	54.1	57.4
6/12/2025	9:05:52 AM	68.7	70.8	72.5	89.8	58.1	61.3
6/12/2025	9:04:52 AM	61.8	63.7	66.3	84.4	54.9	57
6/12/2025	9:03:52 AM	65.7	67.9	69.8	84.8	58.3	60.5
6/12/2025	9:02:52 AM	56	61.3	64.1	76.5	50.8	54
6/12/2025	9:01:52 AM	65.1	67.1	68.1	83.7	55.8	57.6
6/12/2025	9:00:52 AM	62.4	63.3	64.3	84	53.5	55.1
6/12/2025	8:59:52 AM	56.1	62.2	64.5	79.2	51.9	54.8
6/12/2025	8:58:52 AM	65.1	67.1	69.9	81.6	54.6	58
6/12/2025	8:57:52 AM	70.9	72.5	74	88.5	60.4	62.7
6/12/2025	8:56:52 AM	65.8	68.2	69.1	85.8	56.7	58.8
6/12/2025	8:55:52 AM	59.6	57.8	63.4	73.8	52.5	55
6/12/2025	8:54:52 AM	68.8	71	73	87.5	56.4	59.3
6/12/2025	8:53:52 AM	53.6	55.1	59.5	74.7	50.4	52.8
6/12/2025	8:52:52 AM	66	67.4	68.5	83.4	57.9	59.5
6/12/2025	8:51:52 AM	56.3	59.6	61.5	74.2	52.1	53.9
6/12/2025	8:50:52 AM	57.7	60.9	62.1	76.5	50.4	53.1
6/12/2025	8:49:52 AM	67.8	68.7	69.1	85.7	54.6	58.3
6/12/2025	8:48:52 AM	67.6	69.4	70.6	86.2	56.8	57.8
6/12/2025	8:47:52 AM	63	64.9	67.1	81.6	52.9	56.1
6/12/2025	8:46:52 AM	67.4	69.6	70.3	86.7	57.1	59
6/12/2025	8:45:52 AM	67.3	69.8	70.9	84.9	58.8	60.5
6/12/2025	8:44:52 AM	68.1	70.5	71.6	89	58.5	60.1
6/12/2025	8:43:52 AM	63	64.1	66	84.5	55.3	57
6/12/2025	8:42:52 AM	65.8	67.8	69.4	87.1	58.2	60.2
6/12/2025	8:41:52 AM	67.2	69.5	70.4	86.2	57.6	59.4
6/12/2025	8:40:52 AM	59.8	58.7	62.5	75.2	50.8	52.7
6/12/2025	8:39:52 AM	66.3	67.9	69.2	84.1	56.3	58.3
6/12/2025	8:38:52 AM	62.9	64.4	64.8	79.8	53.5	55.6
6/12/2025	8:37:52 AM	68.6	70.9	72	86.3	56.8	58.8
6/12/2025	8:36:52 AM	72.9	75.2	76.2	88.7	59.6	62.7
6/12/2025	8:35:52 AM	67.1	69.1	70.1	83.9	60.3	61.6
6/12/2025	8:34:52 AM	65.7	67.4	68.2	83	57.7	59.8
6/12/2025	8:33:52 AM	69.6	72.3	74.2	91.3	57.8	61
6/12/2025	8:32:52 AM	68.3	71	72.8	88.6	60.3	63.1
6/12/2025	8:31:52 AM	65.5	66.8	67.8	83.1	56.2	57.8
6/12/2025	8:30:52 AM	67.4	68.3	69.7	87	58.1	60.3
6/12/2025	8:29:52 AM	70	69.1	69.6	91.3	59.9	60.9
6/12/2025	8:28:52 AM	70.7	72	72.8	96.6	61.4	62
6/12/2025	8:27:52 AM	57.1	59.3	61.7	78.9	55.9	56.8
6/12/2025	8:26:52 AM	67.5	70.2	73	90.4	58.6	61.3
6/12/2025	8:25:52 AM	65.3	66.7	67.3	82.4	55	57.1
6/12/2025	8:24:52 AM	65.7	67.3	68.9	87	57.2	59.4
6/12/2025	8:23:52 AM	65.9	68.1	68.9	83.7	59.1	60.8

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/12/2025	8:22:52 AM	68.5	69.8	70.5	85.3	57.9	59
6/12/2025	8:21:52 AM	65.9	67.4	68.3	84.8	55.9	57.6
6/12/2025	8:20:52 AM	65.3	67.1	69.7	84.6	56.8	58.5
6/12/2025	8:19:52 AM	65.3	66.9	67.9	84.3	57.2	59.1
6/12/2025	8:18:52 AM	53.1	53.8	57.8	73.3	50.4	51.3
6/12/2025	8:17:52 AM	64.2	65.5	66.3	84	55.3	56.6
6/12/2025	8:16:52 AM	66.1	67.1	67.8	83.8	56.6	57.8
6/12/2025	8:15:52 AM	66.3	67.7	68.2	83.9	57.8	59
6/12/2025	8:14:52 AM	68.5	70.8	72	86.8	57.4	59.6
6/12/2025	8:13:52 AM	67.6	70	71.6	87.2	58.4	60.6
6/12/2025	8:12:52 AM	65.2	66.2	66.7	82.4	55.9	57.1
6/12/2025	8:11:52 AM	55.2	56.3	59.1	76.6	52.5	53.8
6/12/2025	8:10:52 AM	69.3	71.3	72.1	86.3	59.9	61.9
6/12/2025	8:09:52 AM	66	67.7	69.1	85.8	58	59.2
6/12/2025	8:08:52 AM	65.1	67.2	67.7	83.7	54.8	56.2
6/12/2025	8:07:52 AM	69.3	71.5	72.2	86.1	59	61.2
6/12/2025	8:06:52 AM	67.1	70	71.4	86.5	56	58.9
6/12/2025	8:05:52 AM	56.2	57.9	59	76.8	50.8	52.9
6/12/2025	8:04:52 AM	66.4	68.8	71.2	87.4	55.3	57.6
6/12/2025	8:03:52 AM	57.4	63.8	66.4	76.2	51.5	55.6
6/12/2025	8:02:52 AM	67.9	69.8	70.2	88	58.3	59.7
6/12/2025	8:01:52 AM	51.8	53.8	58	76.1	47.9	49.9
6/12/2025	8:00:52 AM	65.5	67.8	70.3	88.1	58	59.9
6/12/2025	7:59:52 AM	53.1	56.4	58.9	74.1	49.5	52
6/12/2025	7:58:52 AM	65.8	67.7	68.2	82.7	57.2	58.8
6/12/2025	7:57:52 AM	66	67.7	68.4	83	54.8	56.1
6/12/2025	7:56:52 AM	55.4	56.4	57.6	74.9	50	51
6/12/2025	7:55:52 AM	56.7	59.3	60.8	78	50.5	52.4
6/12/2025	7:54:52 AM	63.1	64.7	65.3	86.9	54.1	55.6
6/12/2025	7:53:52 AM	63.8	65.5	66.7	82.5	53.9	56.1
6/12/2025	7:52:52 AM	65.3	67.9	68.8	81.8	54.7	56.3
6/12/2025	7:51:52 AM	66.2	67.7	68.2	84.3	54.6	56
6/12/2025	7:50:52 AM	63.7	59.3	64.5	75.3	49.2	52.6
6/12/2025	7:49:52 AM	66.5	68.9	70.8	86.3	56.7	59
6/12/2025	7:48:52 AM	63.5	65	65.9	81.8	52.6	54.3
6/12/2025	7:47:52 AM	62.4	63.4	64.7	82.1	54.3	56.2
6/12/2025	7:46:52 AM	66.3	67.6	68.3	83.4	57.1	58.4
6/12/2025	7:45:52 AM	53.9	57.9	61	76.4	50.2	51.8
6/12/2025	7:44:52 AM	67.2	69	70.5	87.3	58.8	60.8
6/12/2025	7:43:52 AM	69.4	71.1	71.9	84	57.1	58.8
6/12/2025	7:42:52 AM	64.3	68.6	72.5	89.7	55.9	60
6/12/2025	7:41:52 AM	54.7	56.8	58.5	74.9	51.3	52.6
6/12/2025	7:40:52 AM	65.6	67.1	69.1	84.1	55.1	57.5
6/12/2025	7:39:52 AM	64	66	66.8	84.5	54.8	55.9

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/12/2025	7:38:52 AM	54.4	55.8	59.9	75.6	49.5	52.1
6/12/2025	7:37:52 AM	55.9	56.6	57	79.7	51.3	52.1
6/12/2025	7:36:52 AM	70.9	72.8	73.3	87.7	57.9	60.3
6/12/2025	7:35:52 AM	68.6	70.7	72	88.9	56.6	59.3
6/12/2025	7:34:52 AM	61.7	62.9	64.2	78.6	53.3	54.6
6/12/2025	7:33:52 AM	61.6	63.4	65.7	83.1	54.4	56.1
6/12/2025	7:32:52 AM	63.1	64.4	65.1	79.6	54.5	56.3
6/12/2025	7:31:52 AM	65.3	67	67.5	85.3	54.9	56.2
6/12/2025	7:30:52 AM	69.9	71.9	72.5	86.8	57.2	59.1
6/12/2025	7:29:52 AM	49.3	51.7	52.6	71.9	44.4	45.8
6/12/2025	7:28:52 AM	50.8	53	55.5	71.2	46.4	48.9
6/12/2025	7:27:52 AM	65.5	67.4	68.1	83.8	54.2	56.1
6/12/2025	7:26:52 AM	62.3	64.5	67.5	85	52.2	56.5
6/12/2025	7:25:52 AM	60.4	62.5	63.2	78	52.4	53.1
6/12/2025	7:24:52 AM	60.1	62.8	63.7	79.4	52.1	54.2
6/12/2025	7:23:52 AM	61.7	66.2	67.8	76.5	49.5	54.2
6/12/2025	7:22:52 AM	63.8	65.7	66.5	82.4	55.2	57.1
6/12/2025	7:21:52 AM	58.6	62	64.7	73.9	50.8	54.5
6/12/2025	7:20:52 AM	54.4	55.1	55.9	71.8	48.4	49.1
6/12/2025	7:19:52 AM	65.5	67.5	69.8	86.6	55.3	58.7
6/12/2025	7:18:52 AM	58.2	59.1	59.9	80.1	51.4	52.2
6/12/2025	7:17:52 AM	67.2	69.6	70.3	84.1	56	57.7
6/12/2025	7:16:52 AM	52.7	55.1	56.9	80.4	48.5	49.4
6/12/2025	7:15:52 AM	66.8	68.7	69.5	83.8	57.9	58.9
6/12/2025	7:14:52 AM	49.6	50.8	51.6	70.8	46.3	47
6/12/2025	7:13:52 AM	59.2	62	62.4	75.4	50.9	52.9
6/12/2025	7:12:52 AM	59	61.9	64.6	78.2	53.6	56.9
6/12/2025	7:11:52 AM	61.7	62.8	64.8	84	52.2	54.4
6/12/2025	7:10:52 AM	62.8	64.4	65.2	84.5	55.8	56.6
6/12/2025	7:09:52 AM	60.8	61.9	64.2	78.4	52.8	54.6
6/12/2025	7:08:52 AM	57.5	61	63	77.1	51.9	53.4
6/12/2025	7:07:52 AM	54.1	55.2	56.1	74.9	49.5	50.3
6/12/2025	7:06:52 AM	55.3	56.9	57.5	74	51.7	52.6
6/12/2025	7:05:52 AM	67.1	69.5	71.6	85.9	55.5	58.5
6/12/2025	7:04:52 AM	57.5	62.5	64.2	79	52.5	54.5
6/12/2025	7:03:52 AM	66.3	68.3	69.2	83.2	56.6	58.3
6/12/2025	7:02:52 AM	61.2	62.8	63.5	78.9	55	56.2
6/12/2025	7:01:52 AM	50.1	52	52.8	69.9	47.5	48.3
6/12/2025	7:00:52 AM	54.7	56.1	56.8	72	50.2	51
6/12/2025	6:59:52 AM	64.5	66.3	68.4	87.8	56.7	59.8
6/12/2025	6:58:52 AM	64.2	68	69.2	78.5	54.1	59
6/12/2025	6:57:52 AM	63.4	68.5	70.8	81.4	53.4	59.8
6/12/2025	6:56:52 AM	54.7	57.9	59.7	73.3	49	51.6
6/12/2025	6:55:52 AM	52.1	54.7	56.2	70.7	47.9	49

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/12/2025	6:54:52 AM	65.8	67.5	68.1	82.9	54.4	55.5
6/12/2025	6:53:52 AM	53.9	54.2	54.9	74.2	48.6	49.6
6/12/2025	6:52:52 AM	55.9	56.6	57.1	75.8	50.7	51.4
6/12/2025	6:51:52 AM	65.8	67.5	68.3	83.5	55	56.2
6/12/2025	6:50:52 AM	52.4	53.7	54.3	69.3	48.3	49
6/12/2025	6:49:52 AM	66.7	68.9	71.5	88.9	56.1	58.7
6/12/2025	6:48:52 AM	63.9	65.7	67	85.9	55.2	56.5
6/12/2025	6:47:52 AM	71.8	74.6	75.5	94.8	59.5	61.6
6/12/2025	6:46:52 AM	65.6	66.8	68.6	84	56	57.6
6/12/2025	6:45:52 AM	63.4	64.5	66.1	82.6	52.8	54.4
6/12/2025	6:44:52 AM	53.2	54.3	55.1	71.6	49.7	50.4
6/12/2025	6:43:52 AM	66	68.3	69.6	83.5	53.6	55.7
6/12/2025	6:42:52 AM	64.6	66.3	66.8	81.9	53.3	54.4
6/12/2025	6:41:52 AM	53.5	57.9	59.6	70	46.7	48.5
6/12/2025	6:40:52 AM	62.1	63.9	65	79.4	52.1	53.5
6/12/2025	6:39:52 AM	63.9	65.9	66.4	83.1	52.7	54.2
6/12/2025	6:38:52 AM	55.6	57.5	58.4	71	50.8	51.5
6/12/2025	6:37:52 AM	48.4	49.8	50.7	64.9	44.7	45.6
6/12/2025	6:36:52 AM	49.5	52.3	53.8	66.5	44.9	46
6/12/2025	6:35:52 AM	64.3	66.1	66.7	81.1	52.6	53.6
6/12/2025	6:34:52 AM	52	53.4	54.2	71.2	48.4	49.9
6/12/2025	6:33:52 AM	68.6	70.2	70.5	85.7	56.4	58.9
6/12/2025	6:32:52 AM	68.4	70.3	71.7	85.9	56.3	58.2
6/12/2025	6:31:52 AM	55.9	57.3	57.7	76.1	52.8	53.4
6/12/2025	6:30:52 AM	56.2	56.9	57.7	75.8	52.1	52.9
6/12/2025	6:29:52 AM	59.8	61.6	62	77	52.8	54.2
6/12/2025	6:28:52 AM	65.6	67.5	68.4	82.4	57.1	58.4
6/12/2025	6:27:52 AM	55.7	57.3	58.1	74.1	51.8	52.4
6/12/2025	6:26:52 AM	58.2	60.2	61.3	75.2	50.9	51.8
6/12/2025	6:25:52 AM	51.2	53.4	55.3	68.6	47.5	49
6/12/2025	6:24:52 AM	51.4	52.2	53	72.1	47.8	48.6
6/12/2025	6:23:52 AM	66.2	68.3	69.1	84.7	58	59.9
6/12/2025	6:22:52 AM	50	51.7	52.7	66.5	45.8	47.5
6/12/2025	6:21:52 AM	53.6	54.8	55.5	69.2	48.4	49.6
6/12/2025	6:20:52 AM	63.8	65.4	66.1	85.9	51.5	53.3
6/12/2025	6:19:52 AM	65	66.9	68	83.7	56.2	57.6
6/12/2025	6:18:52 AM	64.3	66.5	67	81.6	52.1	53.6
6/12/2025	6:17:52 AM	48.1	49.2	50	69.9	43.4	44.5
6/12/2025	6:16:52 AM	49.1	50.4	51.2	69.1	43.5	45
6/12/2025	6:15:52 AM	63.9	65	66.4	81.9	52.3	53.8
6/12/2025	6:14:52 AM	49.9	51.4	53.2	67.9	46	48
6/12/2025	6:13:52 AM	68.6	70.3	71	84.1	56	57.7
6/12/2025	6:12:52 AM	49.9	51.7	53.7	73	45.3	47.5
6/12/2025	6:11:52 AM	55.3	53.9	55.8	74.3	48.1	50.2

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/12/2025	6:10:52 AM	58.9	60	60.7	77.7	50.8	51.7
6/12/2025	6:09:52 AM	49.4	52.8	55.3	81.9	44.5	46.3
6/12/2025	6:08:52 AM	51.9	53.2	53.8	68.7	45.2	46.5
6/12/2025	6:07:52 AM	70.9	72.8	74.9	91.5	58.8	61.2
6/12/2025	6:06:52 AM	50	52.4	54.2	73	45.9	48.4
6/12/2025	6:05:52 AM	48.1	50.4	54.2	71.7	43.6	46.4
6/12/2025	6:04:52 AM	60	60.8	61.1	79.9	54.9	55.4
6/12/2025	6:03:52 AM	62.7	63.8	65.4	80.9	55.3	56.3
6/12/2025	6:02:52 AM	66.5	68.8	69.6	83.1	56.3	57.4
6/12/2025	6:01:52 AM	51	53.2	54.6	68.1	44.6	46.7
6/12/2025	6:00:52 AM	50.5	52.1	53.9	66.9	45.3	46.8
6/12/2025	5:59:52 AM	52.5	54.6	56.6	77.9	48.1	51.6
6/12/2025	5:58:52 AM	54.5	56.6	58.8	75.7	48.2	51.8
6/12/2025	5:57:52 AM	55.5	57.8	59.8	70.3	49.6	52.1
6/12/2025	5:56:52 AM	53.2	57.1	59.8	73.2	48.2	53.1
6/12/2025	5:55:52 AM	62.5	66.1	67.8	78.5	51.9	57.8
6/12/2025	5:54:52 AM	60.2	64.7	66.7	77.8	50.5	55.2
6/12/2025	5:53:52 AM	58.4	60.7	62.5	79.4	52	55.3
6/12/2025	5:52:52 AM	49.9	53.8	55.2	65.1	43.6	46.5
6/12/2025	5:51:52 AM	47.8	53.6	56.1	68.4	42.3	47.3
6/12/2025	5:50:52 AM	51.8	55.8	57.7	73.5	46.4	49.8
6/12/2025	5:49:52 AM	54.1	57.8	58.9	80.3	47.8	49.2
6/12/2025	5:48:52 AM	50.4	52.4	53.2	70.5	45.3	46.5
6/12/2025	5:47:52 AM	62.5	64	64.4	87.1	53.7	54.8
6/12/2025	5:46:52 AM	64.3	65.8	66.5	83.5	52	54
6/12/2025	5:45:52 AM	52.7	55.8	57.7	71.4	45.7	48.1
6/12/2025	5:44:52 AM	59	60.4	61.9	81	49.5	51.2
6/12/2025	5:43:52 AM	51.9	53.5	55	69.7	46.4	48.7
6/12/2025	5:42:52 AM	50	52.1	53.9	68.7	43.6	46.8
6/12/2025	5:41:52 AM	52.2	53.4	54.1	69.1	46.7	48.2
6/12/2025	5:40:52 AM	43.4	46.4	49.1	67.4	41.6	43.8
6/12/2025	5:39:52 AM	51.7	53.5	56	69.1	45.4	48.7
6/12/2025	5:38:52 AM	53.6	58	60	73.3	48.6	53.6
6/12/2025	5:37:52 AM	53.5	55.7	58	70.4	48.8	52.6
6/12/2025	5:36:52 AM	51.2	54.6	57.2	71.1	46.3	48.5
6/12/2025	5:35:52 AM	47.2	49.4	51.2	71.5	43.7	45.6
6/12/2025	5:34:52 AM	52.2	53.4	54.1	78	49	50.1
6/12/2025	5:33:52 AM	47	50.6	52.2	69.7	43.3	44.8
6/12/2025	5:32:52 AM	65.7	63.1	67.7	81.9	46.7	52.4
6/12/2025	5:31:52 AM	67.1	69.7	71.5	87.1	54.4	56.2
6/12/2025	5:30:52 AM	47	49.4	51.2	65.2	42.6	45.6
6/12/2025	5:29:52 AM	49.1	50.4	52.4	64.6	44.9	46.9
6/12/2025	5:28:52 AM	49	50.5	51.2	65.4	42.7	43.9
6/12/2025	5:27:52 AM	42.2	44.3	45.9	60.9	38.9	41.2

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/12/2025	5:26:52 AM	52.4	55.5	57.8	67.8	46.1	50.6
6/12/2025	5:25:52 AM	50.8	53.3	55.5	66.3	47.8	51
6/12/2025	5:24:52 AM	51.1	54.6	57.1	66.3	46.9	50.5
6/12/2025	5:23:52 AM	46.3	47.6	48.2	66.8	40.5	41.9
6/12/2025	5:22:52 AM	54.8	56.7	58.6	71	47.5	49.5
6/12/2025	5:21:52 AM	48.3	49.6	50.8	66.2	43	43.9
6/12/2025	5:20:52 AM	45.4	46.9	48.7	69.4	40.7	42.1
6/12/2025	5:19:52 AM	56.4	58.3	59.2	75.2	48.7	49.8
6/12/2025	5:18:52 AM	50.4	51.8	52.7	66.6	42.6	43.8
6/12/2025	5:17:52 AM	47.8	49.1	50.1	65.3	42.7	43.8
6/12/2025	5:16:52 AM	46.6	48.4	49.2	61.5	39.2	40.2
6/12/2025	5:15:52 AM	41.5	43.1	44.4	65.7	36	37.5
6/12/2025	5:14:52 AM	48.8	49.9	50.7	64.5	42	43.3
6/12/2025	5:13:52 AM	49	50.5	51.5	63.9	41.4	42.5
6/12/2025	5:12:52 AM	48.3	50	50.9	63.5	40.8	41.6
6/12/2025	5:11:52 AM	47.2	49.5	50.5	67.4	40.8	42.1
6/12/2025	5:10:52 AM	47.2	49.7	50.6	67.4	40.3	41
6/12/2025	5:09:52 AM	65	66.2	67.8	84.4	53.2	55.4
6/12/2025	5:08:52 AM	41.5	43.9	47.4	66	37	38.7
6/12/2025	5:07:52 AM	54.6	53.2	60.4	69.3	45.3	48.2
6/12/2025	5:06:52 AM	73.8	76.8	78.2	93.7	59.8	63.4
6/12/2025	5:05:52 AM	45.6	47.1	47.7	66.8	41	42
6/12/2025	5:04:52 AM	45.2	46.3	47.6	68.4	39.2	40.5
6/12/2025	5:03:52 AM	41	42.8	43.4	69.1	35.8	37.3
6/12/2025	5:02:52 AM	39.4	43.3	44.8	63.6	35.4	37
6/12/2025	5:01:52 AM	36.5	39.7	42	69.3	34.1	36.5
6/12/2025	5:00:52 AM	42.4	44.4	47.7	78.9	37.2	38.9
6/12/2025	4:59:52 AM	44.2	45.3	46.1	61.2	40	40.8
6/12/2025	4:58:52 AM	59.7	61	61.5	78.5	49	50
6/12/2025	4:57:52 AM	48.6	51	52.3	64.2	41.7	43
6/12/2025	4:56:52 AM	40.9	46.2	50.6	70.7	37.2	40.9
6/12/2025	4:55:52 AM	51.7	52.8	54.2	69.8	45.9	46.9
6/12/2025	4:54:52 AM	46.2	48.5	49.5	63.3	41.3	42.4
6/12/2025	4:53:52 AM	45.5	45.9	48.6	69.2	37.2	39.3
6/12/2025	4:52:52 AM	47.4	49	49.9	69.9	41.2	42.3
6/12/2025	4:51:52 AM	38.6	40.3	41.1	60.3	34.7	36.2
6/12/2025	4:50:52 AM	44.1	45.7	46.3	61.2	37.6	39
6/12/2025	4:49:52 AM	38.6	40.4	42.1	58.4	34.2	36.3
6/12/2025	4:48:52 AM	48.3	50	51.2	66.9	40.1	41.1
6/12/2025	4:47:52 AM	43.8	45.5	46.4	64.4	36.7	38
6/12/2025	4:46:52 AM	49.5	51.3	52.1	64.5	41.3	42.4
6/12/2025	4:45:52 AM	38.8	39.7	40.8	60.2	33.6	34.8
6/12/2025	4:44:52 AM	50.2	51.4	52.6	66.1	42.6	44
6/12/2025	4:43:52 AM	46.6	50.7	52.3	65.7	38.9	40.9

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/12/2025	4:42:52 AM	54.2	55.2	55.8	69.8	46.9	48
6/12/2025	4:41:52 AM	46.3	48.3	49.3	64.6	40.4	41.6
6/12/2025	4:40:52 AM	44.5	48.2	49.4	65.7	36.1	38.8
6/12/2025	4:39:52 AM	47.6	48.8	49.8	64.2	40.6	41.9
6/12/2025	4:38:52 AM	43.9	47.6	48.9	65.5	39.9	41.1
6/12/2025	4:37:52 AM	41.8	46.8	48.2	59.6	34.6	36.9
6/12/2025	4:36:52 AM	43	46.7	47.8	62.7	35.3	37.2
6/12/2025	4:35:52 AM	42.8	46.6	47.9	63.6	35.6	38.6
6/12/2025	4:34:52 AM	42.6	44.4	45.7	61.5	37	38
6/12/2025	4:33:52 AM	34.3	36.4	38.2	59.3	32.1	33.4
6/12/2025	4:32:52 AM	50.6	55.4	58.9	74.6	42.3	45.7
6/12/2025	4:31:52 AM	41.3	44.3	45.4	65.1	34.5	35.8
6/12/2025	4:30:52 AM	36.1	37.4	39.9	58	33.4	34.7
6/12/2025	4:29:52 AM	37	38.6	40	60.6	33.9	35.1
6/12/2025	4:28:52 AM	48.7	49.7	50.4	67	43.6	44.5
6/12/2025	4:27:52 AM	36.9	37.9	39	58.7	33.3	34.5
6/12/2025	4:26:52 AM	38.2	40.8	43.8	60.3	34.8	36.3
6/12/2025	4:25:52 AM	33.9	36.1	38.1	57.1	31.8	34
6/12/2025	4:24:52 AM	33.8	36	38.1	56.7	31.8	34
6/12/2025	4:23:52 AM	34.8	38	40.7	56.6	31.8	34.2
6/12/2025	4:22:52 AM	40.1	42	42.6	62.3	34.1	35.5
6/12/2025	4:21:52 AM	49	50.1	50.8	68	43.4	44.3
6/12/2025	4:20:52 AM	60	61.5	62.2	82.4	50.5	51.4
6/12/2025	4:19:52 AM	49.5	51.8	52.5	73.5	40.4	41.6
6/12/2025	4:18:52 AM	39.5	41.5	42.2	63.8	34.9	36.2
6/12/2025	4:17:52 AM	35.3	36.5	38.3	61.3	33.3	34.8
6/12/2025	4:16:52 AM	36.8	37.9	40.4	63.3	34.2	35.5
6/12/2025	4:15:52 AM	49	50.4	51	70.8	40.8	42.1
6/12/2025	4:14:52 AM	34.1	36	37.4	68.3	32.4	33.9
6/12/2025	4:13:52 AM	43.6	46.1	47.2	64.5	36	37.3
6/12/2025	4:12:52 AM	46.7	48.1	48.7	62.9	39.2	40.8
6/12/2025	4:11:52 AM	36.2	37.6	39.2	57.8	32.8	34.4
6/12/2025	4:10:52 AM	34	37.9	40	56.6	32.1	34.5
6/12/2025	4:09:52 AM	40.5	42	42.8	59.8	36.2	37.1
6/12/2025	4:08:52 AM	42.2	44.6	45.6	63.4	37.3	38.5
6/12/2025	4:07:52 AM	39.5	41.4	42.5	58.9	35	35.9
6/12/2025	4:06:52 AM	36.8	38.2	39.1	60.8	32.8	34.5
6/12/2025	4:05:52 AM	35.1	36.8	38.9	57.3	32.4	33.6
6/12/2025	4:04:52 AM	33.4	34.7	36.2	58.9	31.2	32.3
6/12/2025	4:03:52 AM	36.8	38	38.7	59.6	33.1	33.9
6/12/2025	4:02:52 AM	32	33.7	35.8	63.7	31	32.3
6/12/2025	4:01:52 AM	32.5	34.4	35.9	57.2	31.2	32.5
6/12/2025	4:00:52 AM	46.9	48.2	49.4	63.4	39.8	41.1
6/12/2025	3:59:52 AM	37	38.8	41.7	60.6	33.9	35.9

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/12/2025	3:58:52 AM	36.5	38.3	41.1	68.9	33.9	35.9
6/12/2025	3:57:52 AM	44.5	47.3	48.9	68.2	37.2	39
6/12/2025	3:56:52 AM	33.8	37.6	40.8	69.5	32.5	35
6/12/2025	3:55:52 AM	35.2	37.2	40.3	61.4	32.7	34.9
6/12/2025	3:54:52 AM	35.1	38.5	41	57.7	33.1	35
6/12/2025	3:53:52 AM	34	35.3	36.6	63.6	32.5	34
6/12/2025	3:52:52 AM	37.4	38.6	39.2	57.6	33.4	34.7
6/12/2025	3:51:52 AM	51.2	51.9	52.6	67.1	38	39.9
6/12/2025	3:50:52 AM	51.2	52.3	52.7	67	42.5	43.5
6/12/2025	3:49:52 AM	45.9	47	48.3	61.8	39.4	40.6
6/12/2025	3:48:52 AM	34.7	36.4	39.3	61.4	33.2	34.7
6/12/2025	3:47:52 AM	34.5	39.2	42.7	58.7	32.3	36.4
6/12/2025	3:46:52 AM	33.6	36.6	39.4	60.1	32	34.7
6/12/2025	3:45:52 AM	50.5	51.8	52.3	68.3	43.6	44.6
6/12/2025	3:44:52 AM	48	49.6	50.1	63.3	39.7	40.4
6/12/2025	3:43:52 AM	38.3	40.8	41.9	59.2	33.5	35.1
6/12/2025	3:42:52 AM	46.9	48.4	49.1	62.2	39.8	40.9
6/12/2025	3:41:52 AM	47.4	48.8	49.7	63.3	40.4	41.5
6/12/2025	3:40:52 AM	37.3	39.8	41.3	58.4	33.5	34.5
6/12/2025	3:39:52 AM	48.1	49.4	50.8	63.4	40.5	41.9
6/12/2025	3:38:52 AM	38.6	40	41	59.1	33.4	34.2
6/12/2025	3:37:52 AM	51.6	52.4	53.5	67.5	43.3	44.5
6/12/2025	3:36:52 AM	37	38.5	39.2	57.6	32.3	32.9
6/12/2025	3:35:52 AM	31.1	32	32.7	57.2	30.2	30.8
6/12/2025	3:34:52 AM	31.7	32.5	33.8	63.1	30.7	31.2
6/12/2025	3:33:52 AM	37.5	35.4	39	61.2	30.3	31.5
6/12/2025	3:32:52 AM	50	52.2	53.1	64.6	41.5	43
6/12/2025	3:31:52 AM	32.9	37.8	40.8	57.2	30	31.1
6/12/2025	3:30:52 AM	31.1	31.6	32.4	56.9	29.8	30.4
6/12/2025	3:29:52 AM	46.3	48.1	49.4	65.6	38.7	39.9
6/12/2025	3:28:52 AM	44.5	45.8	47.9	63.4	39.4	40.6
6/12/2025	3:27:52 AM	66.4	69.2	72.1	88.4	53.6	57.6
6/12/2025	3:26:52 AM	31.6	32.3	32.8	58.1	30.3	30.9
6/12/2025	3:25:52 AM	33.9	35.4	36.5	60.7	32.4	34.2
6/12/2025	3:24:52 AM	39.8	41.9	42.4	58.8	34.9	36.3
6/12/2025	3:23:52 AM	35.1	35.6	36.6	57.6	32.8	34.7
6/12/2025	3:22:52 AM	35.5	36.3	37.8	57.8	33.2	34.8
6/12/2025	3:21:52 AM	35.5	36.2	37.4	57.3	33.6	35.3
6/12/2025	3:20:52 AM	45.9	47.1	47.7	60.6	38.8	40.1
6/12/2025	3:19:52 AM	35.6	36.3	37.3	57.6	32.8	33.6
6/12/2025	3:18:52 AM	37.5	38.9	39.7	58.3	33.6	34.3
6/12/2025	3:17:52 AM	35.1	35.9	36.7	64.5	32.7	33.4
6/12/2025	3:16:52 AM	38	38.9	40.1	69.1	34.5	35.5
6/12/2025	3:15:52 AM	34.9	36.2	37.1	65	32.4	33

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/12/2025	3:14:52 AM	33.6	34.2	34.7	57.3	31.1	31.4
6/12/2025	3:13:52 AM	41.8	43.3	44.3	59.9	36.8	37.5
6/12/2025	3:12:52 AM	38.3	39.8	40.3	59.3	33.5	34
6/12/2025	3:11:52 AM	34.2	33.9	34.3	57.4	30.8	31.2
6/12/2025	3:10:52 AM	34.4	35	35.4	58.4	31.8	32.2
6/12/2025	3:09:52 AM	36.6	37.5	38.4	58.4	33.1	33.5
6/12/2025	3:08:52 AM	38	39.2	39.9	59.5	33.5	34
6/12/2025	3:07:52 AM	43.1	45.1	46.6	61.1	36.8	38.2
6/12/2025	3:06:52 AM	41.7	42.6	43.5	63	37	37.7
6/12/2025	3:05:52 AM	39.1	40.5	41.4	60	34.2	34.8
6/12/2025	3:04:52 AM	35	38.5	41.9	67.2	33.1	34
6/12/2025	3:03:52 AM	41.3	40.4	42.1	63.2	33.2	34
6/12/2025	3:02:52 AM	50.9	53.1	53.5	78.8	40.9	42.4
6/12/2025	3:01:52 AM	38	41.5	43.3	63.5	33	33.9
6/12/2025	3:00:52 AM	36.1	36.7	37.1	58.3	32.1	32.4
6/12/2025	2:59:52 AM	40.8	41.2	42.2	59.5	33.5	34.7
6/12/2025	2:58:52 AM	40.6	41.9	42.8	63.3	35.5	36.5
6/12/2025	2:57:52 AM	35.8	36.7	38.3	67.9	32.7	34.1
6/12/2025	2:56:52 AM	42.9	44.2	45.1	70.1	35.9	36.9
6/12/2025	2:55:52 AM	37.7	41.5	45.9	68.3	33.3	35.5
6/12/2025	2:54:52 AM	38.7	39.8	40.5	71.1	34.8	35.6
6/12/2025	2:53:52 AM	39	40.1	41.1	59.2	34	34.7
6/12/2025	2:52:52 AM	45.2	46.5	47.2	61.2	39.1	40.4
6/12/2025	2:51:52 AM	32.6	33.6	34.9	60.9	31	31.5
6/12/2025	2:50:52 AM	31.4	31.9	34.1	58.4	30.6	31.1
6/12/2025	2:49:52 AM	31.8	33.2	34.3	58.2	30.8	31.2
6/12/2025	2:48:52 AM	36	37.1	37.6	61.6	32.1	32.6
6/12/2025	2:47:52 AM	44.1	45.6	46.4	66.6	37.3	38.6
6/12/2025	2:46:52 AM	33.4	34.9	35.4	57.7	31.1	31.5
6/12/2025	2:45:52 AM	36.5	38	39.7	59.2	33.2	33.9
6/12/2025	2:44:52 AM	31.8	32.6	34.6	60.2	30.7	31.1
6/12/2025	2:43:52 AM	34.5	35.6	37.2	58.8	30.7	31.1
6/12/2025	2:42:52 AM	37.7	38.7	39.1	59.5	33.3	33.8
6/12/2025	2:41:52 AM	32	33.5	34.3	62.8	30.4	30.8
6/12/2025	2:40:52 AM	33.6	35.2	36.7	63.5	31.6	32.2
6/12/2025	2:39:52 AM	36.9	38.8	40.7	64.9	32.7	33.4
6/12/2025	2:38:52 AM	35.6	36.9	37.7	61	33.5	33.8
6/12/2025	2:37:52 AM	33.2	33.7	34.1	59.7	32.7	33
6/12/2025	2:36:52 AM	34.2	35.2	35.6	60.2	32.6	32.8
6/12/2025	2:35:52 AM	34.3	34.6	35	60.9	33	33.2
6/12/2025	2:34:52 AM	45.6	46.5	47.2	63.2	39.2	40.1
6/12/2025	2:33:52 AM	45	46.6	47.1	62.3	39.7	40.7
6/12/2025	2:32:52 AM	36.3	36.9	37.5	57.3	34	34.2
6/12/2025	2:31:52 AM	44.5	46.4	47.2	63	38.7	39.9

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/12/2025	2:30:52 AM	34.3	35.2	35.8	57.6	33.3	33.5
6/12/2025	2:29:52 AM	38.3	40.9	42	57.9	34.7	35.8
6/12/2025	2:28:52 AM	33.5	33.9	34.6	56.8	33.1	33.5
6/12/2025	2:27:52 AM	34	34.8	35.5	58.2	33.4	33.8
6/12/2025	2:26:52 AM	47.2	48.4	49.2	63.7	39.6	40.5
6/12/2025	2:25:52 AM	38.8	39.9	40.4	58.8	35.1	35.5
6/12/2025	2:24:52 AM	34.6	35.3	35.8	57.2	33.3	33.7
6/12/2025	2:23:52 AM	35.2	36	36.6	58.9	33.6	33.9
6/12/2025	2:22:52 AM	34.1	36.1	37.8	57.8	33.2	33.6
6/12/2025	2:21:52 AM	34.4	35	35.9	58.9	33.3	33.6
6/12/2025	2:20:52 AM	36.1	36.3	36.9	63.8	34.3	34.7
6/12/2025	2:19:52 AM	45.4	46.5	47.3	61.9	38.2	39.1
6/12/2025	2:18:52 AM	35.4	36.5	37.3	62.6	32.5	33.2
6/12/2025	2:17:52 AM	33.6	34.7	35.1	58.7	31.3	31.9
6/12/2025	2:16:52 AM	32.8	33.7	34.2	59.9	31.3	31.8
6/12/2025	2:15:52 AM	32.2	33.4	34.1	59	31.1	31.8
6/12/2025	2:14:52 AM	32.1	32.9	33.9	58.8	30.9	31.6
6/12/2025	2:13:52 AM	34.1	34.7	36.1	59.6	31.7	32.3
6/12/2025	2:12:52 AM	32.7	34.1	34.9	60.1	31.1	31.7
6/12/2025	2:11:52 AM	32.8	33.8	34.6	63	31.4	32.1
6/12/2025	2:10:52 AM	33.8	34.9	37.4	62.1	31.9	32.6
6/12/2025	2:09:52 AM	42.1	43.7	44.7	61.7	36.3	37.4
6/12/2025	2:08:52 AM	39.2	42.1	44.1	60.8	36.4	37
6/12/2025	2:07:52 AM	40.9	42	42.8	59.1	36.6	37.1
6/12/2025	2:06:52 AM	38	39	39.5	59.1	35.5	35.8
6/12/2025	2:05:52 AM	39.5	40.5	41.5	60.9	35.7	36
6/12/2025	2:04:52 AM	45.9	46.8	48	62.6	39.3	40.1
6/12/2025	2:03:52 AM	35.6	35.9	36.5	59.5	35.2	35.5
6/12/2025	2:02:52 AM	37.1	37.8	38.4	60.6	35.5	35.9
6/12/2025	2:01:52 AM	35.5	35.9	36.5	62	35	35.3
6/12/2025	2:00:52 AM	36.3	36.7	37.2	59.6	35.3	35.6
6/12/2025	1:59:52 AM	46.9	49.8	50.9	62.8	37.6	40.6
6/12/2025	1:58:52 AM	34.2	34.7	35.3	59.6	33.2	33.8
6/12/2025	1:57:52 AM	36.2	37	37.8	60.7	33	33.5
6/12/2025	1:56:52 AM	39.1	41.3	42.8	60.4	34.5	35.1
6/12/2025	1:55:52 AM	42.5	43.8	44.7	62.1	37.2	38
6/12/2025	1:54:52 AM	37	38.1	39.4	59.4	33.1	33.6
6/12/2025	1:53:52 AM	37.5	38.1	40.3	60.4	34.5	35
6/12/2025	1:52:52 AM	35.3	36.4	37.1	60.1	33.8	34.2
6/12/2025	1:51:52 AM	37	42.6	45	72.2	33.4	34.6
6/12/2025	1:50:52 AM	37.3	38	39.6	61.1	34.5	35
6/12/2025	1:49:52 AM	45.6	46.9	47.6	61.6	37.6	38.6
6/12/2025	1:48:52 AM	44.9	46	48.1	63.9	37.2	38.4
6/12/2025	1:47:52 AM	34.4	35	35.5	61.8	32	32.3

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/12/2025	1:46:52 AM	44.6	46.1	46.6	64.5	37.5	38.3
6/12/2025	1:45:52 AM	43.2	44.4	45.5	63.2	37	38.3
6/12/2025	1:44:52 AM	34.6	35.8	37	60.4	32.6	33
6/12/2025	1:43:52 AM	35.5	38.9	40.7	61.5	32.7	33.3
6/12/2025	1:42:52 AM	42.4	45	46.1	62.1	36.4	37.5
6/12/2025	1:41:52 AM	37	38.5	40.1	62.9	33.6	34.3
6/12/2025	1:40:52 AM	41.1	45.5	46.8	64.8	34	36.3
6/12/2025	1:39:52 AM	35.6	38	39	64.6	33.1	33.8
6/12/2025	1:38:52 AM	37.2	41.3	42.7	70.4	33.2	34.5
6/12/2025	1:37:52 AM	39.4	41.6	43.3	63.3	34.2	35.2
6/12/2025	1:36:52 AM	36.2	39.4	40.2	59.9	32.5	33.1
6/12/2025	1:35:52 AM	48	49.4	50.2	67.9	40.6	41.6
6/12/2025	1:34:52 AM	45.2	50.7	54	74.8	39.3	42.6
6/12/2025	1:33:52 AM	44.4	49.1	51.9	70.7	38.3	41.3
6/12/2025	1:32:52 AM	45.1	50.9	54.7	70.6	41.3	45.3
6/12/2025	1:31:52 AM	43.2	47.1	50.7	68.2	37.3	40.5
6/12/2025	1:30:52 AM	45.7	47	47.7	64.2	40.1	41.1
6/12/2025	1:29:52 AM	44.4	46.3	47.3	62.6	38.6	39.7
6/12/2025	1:28:52 AM	41	45.7	47.4	60.6	33.4	35.4
6/12/2025	1:27:52 AM	63.1	61.2	63.3	80.3	46	48.1
6/12/2025	1:26:52 AM	64.3	66.2	67.7	85.1	51.7	53.1
6/12/2025	1:25:52 AM	46.7	51.1	52.2	68.9	43.1	47.1
6/12/2025	1:24:52 AM	43.2	46.7	48.6	66.2	36.5	39.3
6/12/2025	1:23:52 AM	48	49.7	52.4	71.5	40.1	43.8
6/12/2025	1:22:52 AM	49.1	52	53.9	71.5	43.5	47.4
6/12/2025	1:21:52 AM	49.1	52.8	54.1	72.5	42.9	46.5
6/12/2025	1:20:52 AM	41.7	46.4	50.7	70.8	34.1	37.7
6/12/2025	1:19:52 AM	64.9	66.7	67.4	82.1	52.8	54.3
6/12/2025	1:18:52 AM	37.4	41.4	43.3	63.1	33.2	34.5
6/12/2025	1:17:52 AM	40.6	44.2	45.2	61	33	34.4
6/12/2025	1:16:52 AM	37.3	39.1	39.7	60.6	32.5	33.2
6/12/2025	1:15:52 AM	39	42.7	43.9	64	34.3	35.3
6/12/2025	1:14:52 AM	43.4	44.9	46.1	62.1	37.4	38.4
6/12/2025	1:13:52 AM	59.6	61.8	62.5	73.8	47.8	49.2
6/12/2025	1:12:52 AM	40.7	41.9	42.5	62.3	35.5	36.3
6/12/2025	1:11:52 AM	37.4	39.2	41	62.7	33.8	34.5
6/12/2025	1:10:52 AM	40.4	42.2	43.1	61.5	33.8	34.8
6/12/2025	1:09:52 AM	38.5	40.3	41	62	35.3	35.8
6/12/2025	1:08:52 AM	37.7	40.8	41.9	62.4	33.2	33.8
6/12/2025	1:07:52 AM	37.4	39.4	39.8	62	33	33.5
6/12/2025	1:06:52 AM	40.9	45.7	48.6	65.6	35.6	38.3
6/12/2025	1:05:52 AM	38.3	39.4	40.4	62	34.3	35
6/12/2025	1:04:52 AM	40.8	44.3	45.1	64.8	35.6	36.6
6/12/2025	1:03:52 AM	54.4	51.3	55.2	68.6	39.2	41.5

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/12/2025	1:02:52 AM	65.5	67.2	68.1	85.3	52.8	54.8
6/12/2025	1:01:52 AM	50.3	52.4	55.2	73.6	43.5	45.1
6/12/2025	1:00:52 AM	40.8	47.2	50.2	69	35	37.8
6/12/2025	12:59:52 AM	48.9	49.6	50.6	66.2	40.7	41.7
6/12/2025	12:58:52 AM	42.6	48.8	51.4	73.8	37.1	39.5
6/12/2025	12:57:52 AM	46.4	47.8	48.4	77.3	38.4	39.8
6/12/2025	12:56:52 AM	51	52.3	53	71.3	44.4	45.5
6/12/2025	12:55:52 AM	46.6	49.7	50.7	69.1	39.9	41.5
6/12/2025	12:54:52 AM	50.7	52.8	53.5	68.1	41.5	43.5
6/12/2025	12:53:52 AM	66.6	69.3	71.5	88.3	54	57
6/12/2025	12:52:52 AM	49.4	53.4	54.9	66.7	40.6	43.1
6/12/2025	12:51:52 AM	65.7	68.5	69.1	81.4	52.3	54.8
6/12/2025	12:50:52 AM	49.4	52.3	53.8	66.4	41.6	43.7
6/12/2025	12:49:52 AM	63.4	62.9	65	75.3	45.2	49.2
6/12/2025	12:48:52 AM	63.6	64.9	66.6	81.4	51	52.2
6/12/2025	12:47:52 AM	48.1	50.1	50.7	65	38	39.3
6/12/2025	12:46:52 AM	49.5	52.9	54.6	68.2	40.5	42.9
6/12/2025	12:45:52 AM	49.8	51.5	52.2	66.6	39.5	41
6/12/2025	12:44:52 AM	37.9	42	44.5	70.6	34.4	35.8
6/12/2025	12:43:52 AM	50.1	53.5	55.4	67.1	40.6	43.8
6/12/2025	12:42:52 AM	38	38.9	39.6	64.9	35.3	35.9
6/12/2025	12:41:52 AM	49	52.8	54.3	67.5	38.7	42.1
6/12/2025	12:40:52 AM	48.1	49.8	50.4	65.8	37.4	38.3
6/12/2025	12:39:52 AM	46.8	49.9	50.8	65.9	38.9	40.6
6/12/2025	12:38:52 AM	49.3	51.1	52.2	66.7	38.1	39.7
6/12/2025	12:37:52 AM	49.2	52.8	54.2	66.7	36.5	40.3
6/12/2025	12:36:52 AM	48.5	50.4	51.5	67.5	42.2	43.6
6/12/2025	12:35:52 AM	38	39	40	70	35.7	36.8
6/12/2025	12:34:52 AM	49.7	55.2	57.4	69.2	42.3	45.3
6/12/2025	12:33:52 AM	35.8	39	42.7	63.6	34.4	35.5
6/12/2025	12:32:52 AM	47.6	51.1	52.4	65.8	41	43.7
6/12/2025	12:31:52 AM	64.8	67.5	69.2	83.3	52.3	55.3
6/12/2025	12:30:52 AM	49.7	53.1	55	68.2	42.2	44.4
6/12/2025	12:29:52 AM	62.3	64.7	66.5	78.4	50.4	53.5
6/12/2025	12:28:52 AM	44.7	47.4	48.9	64.5	37.4	40.3
6/12/2025	12:27:52 AM	45.6	49.3	52.1	66.1	40.6	43.4
6/12/2025	12:26:52 AM	45	50.2	51.9	69.7	38.1	42
6/12/2025	12:25:52 AM	47.2	48.5	49.1	76.2	41	42.4
6/12/2025	12:24:52 AM	46.7	53.1	57.3	71.1	40.9	44.6
6/12/2025	12:23:52 AM	55.2	53	60.2	66.4	40.7	47.3
6/12/2025	12:22:52 AM	56.3	60.6	61.6	71.3	42.1	44.4
6/12/2025	12:21:52 AM	47.6	51.2	53.1	65	39.2	42.8
6/12/2025	12:20:52 AM	51.4	55.8	59.7	78	42.4	49.1
6/12/2025	12:19:52 AM	46.6	51.2	53.8	74.7	40.7	43.4

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/12/2025	12:18:52 AM	64.5	66.2	68.2	85.7	53	55.1
6/12/2025	12:17:52 AM	43.5	44.9	45.6	68.9	39.6	40.3
6/12/2025	12:16:52 AM	51.6	55.6	56.6	74.9	42.5	45.2
6/12/2025	12:15:52 AM	49	54.2	57	67.9	41.1	44
6/12/2025	12:14:52 AM	38	39.5	41.6	67.1	36.5	37.7
6/12/2025	12:13:52 AM	39.3	41.4	42.9	68.4	36.5	37.7
6/12/2025	12:12:52 AM	43	45.1	46.1	71.7	38.7	39.9
6/12/2025	12:11:52 AM	47.1	49.2	50.4	72.5	40.9	42.1
6/12/2025	12:10:52 AM	63.2	64.8	66.1	81	52.1	53.2
6/12/2025	12:09:52 AM	51.3	53.2	54	70.3	43.8	45.2
6/12/2025	12:08:52 AM	50.5	51.9	52.5	69.1	44.1	45.3
6/12/2025	12:07:52 AM	41.5	42.4	44.1	68.8	38.7	39.7
6/12/2025	12:06:52 AM	43.1	43	43.8	66.7	38.2	39
6/12/2025	12:05:52 AM	50.3	56.6	59.4	74.3	42.8	46.2
6/12/2025	12:04:52 AM	44.7	45.6	46.4	71.6	40.6	41.5
6/12/2025	12:03:52 AM	48.4	49.5	49.8	69.3	42	42.8
6/12/2025	12:02:52 AM	39.5	40.5	41.6	67	38	38.9
6/12/2025	12:01:52 AM	44.4	46.6	47.5	67.1	39.3	40.5
6/12/2025	12:00:52 AM	40.6	45.5	49.3	74.8	38.2	39.7
6/11/2025	11:59:52 PM	38.4	39.6	42	67	37.3	38.1
6/11/2025	11:58:52 PM	45	46.7	48.7	67	41.1	41.9
6/11/2025	11:57:52 PM	48.2	49.3	50	73.1	43.3	44.1
6/11/2025	11:56:52 PM	41.7	43.4	45	73.1	39.9	40.8
6/11/2025	11:55:52 PM	47.1	48.6	49.3	68.9	43.1	43.7
6/11/2025	11:54:52 PM	46.4	47.3	48	70.8	45	45.3
6/11/2025	11:53:52 PM	47	47.6	47.9	68.7	45.3	45.7
6/11/2025	11:52:52 PM	48.4	49	49.6	75	46	46.3
6/11/2025	11:51:52 PM	51.4	58	62.3	83.7	46.6	49.2
6/11/2025	11:50:52 PM	45.5	46.2	46.5	68.9	44.4	44.7
6/11/2025	11:49:52 PM	49	49.9	50.6	71.9	45.4	45.7
6/11/2025	11:48:52 PM	46.3	48.2	49.3	68	44.4	44.8
6/11/2025	11:47:52 PM	45.7	48.6	51.3	78.3	44.2	44.7
6/11/2025	11:46:52 PM	63.1	65.1	67.2	83.1	52.5	53.8
6/11/2025	11:45:52 PM	46.5	47.8	48.5	73	44.4	44.8
6/11/2025	11:44:52 PM	49.7	51.1	51.5	74.2	45.1	45.6
6/11/2025	11:43:52 PM	46.6	47	47.8	67.8	44.5	44.9
6/11/2025	11:42:52 PM	44.7	45.3	46	68.4	43.8	44.1
6/11/2025	11:41:52 PM	45.8	47.3	47.7	68.5	44.4	44.7
6/11/2025	11:40:52 PM	44.7	45.2	45.6	69.8	43.7	44
6/11/2025	11:39:52 PM	45	45.8	46.1	68.4	43.2	43.5
6/11/2025	11:38:52 PM	44.6	46.1	46.6	67.6	43.5	43.8
6/11/2025	11:37:52 PM	48.1	49.6	51.5	68.7	44.7	45.3
6/11/2025	11:36:52 PM	44.9	45.7	46.1	69.4	43.9	44.2
6/11/2025	11:35:52 PM	48.7	53	54.5	70.2	45.1	46.1

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/11/2025	11:34:52 PM	46.2	48	51.4	69.3	44.3	45.1
6/11/2025	11:33:52 PM	49.3	50.3	51.1	71.8	45.1	45.7
6/11/2025	11:32:52 PM	46.2	47.4	49.3	72.5	44.7	45.2
6/11/2025	11:31:52 PM	48.8	51.7	53.6	71.1	44.1	45.1
6/11/2025	11:30:52 PM	56.3	58.3	59.1	72.4	47	48.1
6/11/2025	11:29:52 PM	50.3	53.2	54.8	74.4	44.2	46.7
6/11/2025	11:28:52 PM	51.6	56	57.1	73	43.9	46.4
6/11/2025	11:27:52 PM	60.1	65.8	67	74.3	48.9	53.4
6/11/2025	11:26:52 PM	46.3	52.4	54.9	69.4	41.5	44
6/11/2025	11:25:52 PM	43.7	45.5	47.4	73.2	41.7	42.8
6/11/2025	11:24:52 PM	50.5	52.4	53.1	73.3	43.6	44.9
6/11/2025	11:23:52 PM	47.4	50.4	52.1	69.5	41.4	43.4
6/11/2025	11:22:52 PM	45.3	50.8	54.1	72.4	41.2	43.9
6/11/2025	11:21:52 PM	60.4	62.1	63.5	79.4	49.3	50.3
6/11/2025	11:20:52 PM	49.1	50.2	51.4	70.9	44	45.7
6/11/2025	11:19:52 PM	47.5	49.4	51.8	68.4	44.1	46
6/11/2025	11:18:52 PM	48.5	50.9	52.8	70.6	44.1	46.1
6/11/2025	11:17:52 PM	47.5	53.3	56.2	71	42.9	45.8
6/11/2025	11:16:52 PM	51.1	56.9	61.2	80	44.4	49.7
6/11/2025	11:15:52 PM	51.2	54.7	57.1	70.2	46.5	48.6
6/11/2025	11:14:52 PM	51.4	55.6	58.7	75.9	45.5	49.5
6/11/2025	11:13:52 PM	58.5	64.3	67.3	75	47.6	53.1
6/11/2025	11:12:52 PM	51.1	52.5	54	71.3	45.4	46.9
6/11/2025	11:11:52 PM	65.7	68.1	70	83.7	53.9	55.9
6/11/2025	11:10:52 PM	66.3	68.6	70.1	88.3	53.3	56.2
6/11/2025	11:09:52 PM	46.9	49.5	50.3	72.3	42.2	43.5
6/11/2025	11:08:52 PM	63.7	65.7	66.6	80.6	52.3	53.6
6/11/2025	11:07:52 PM	55.5	61.2	62.9	74.2	46.1	51.1
6/11/2025	11:06:52 PM	48.5	54.3	58.8	78.3	42.9	47.6
6/11/2025	11:05:52 PM	52.1	57.5	59.1	73.5	43.4	46.8
6/11/2025	11:04:52 PM	50.2	53.5	54.7	73.4	43.8	45.5
6/11/2025	11:03:52 PM	48.2	53.1	55.9	74.3	44	46.8
6/11/2025	11:02:52 PM	47.5	49.3	51	71.5	43.6	44.9
6/11/2025	11:01:52 PM	55.5	57.6	58.1	73.4	46.3	48.6
6/11/2025	11:00:52 PM	49.2	50.8	51.7	73.1	45.4	46.5
6/11/2025	10:59:52 PM	47.2	48.5	49.4	74.3	42.8	44.1
6/11/2025	10:58:52 PM	46.5	48.2	50.6	70.4	42.1	43.9
6/11/2025	10:57:52 PM	46.6	49.6	51.8	70.5	43.5	45.1
6/11/2025	10:56:52 PM	43.2	44.8	47	70.4	41.1	42.3
6/11/2025	10:55:52 PM	62.9	64.7	65.8	80.1	51.1	52.5
6/11/2025	10:54:52 PM	47.1	48.7	49.8	69.2	42.2	43.2
6/11/2025	10:53:52 PM	44.9	45.8	46.6	71	42.5	43.1
6/11/2025	10:52:52 PM	48.4	49.8	51.3	72.4	43.6	45.2
6/11/2025	10:51:52 PM	47.3	52.1	53.5	71.2	41.8	43.8

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/11/2025	10:50:52 PM	47.7	49.8	50.8	68.4	43.5	44.8
6/11/2025	10:49:52 PM	46.4	48.1	48.8	69.4	42.2	43.3
6/11/2025	10:48:52 PM	47.4	48.7	49.1	69.8	43	43.9
6/11/2025	10:47:52 PM	44.7	49.6	51.2	68	40.7	42.4
6/11/2025	10:46:52 PM	45	49.6	51.9	76.1	41.8	43.6
6/11/2025	10:45:52 PM	48.1	49	49.8	71.4	43.3	44.2
6/11/2025	10:44:52 PM	46.8	47.6	48.3	72.2	42.4	43.3
6/11/2025	10:43:52 PM	47.8	48.7	51.8	80.5	43.4	44.5
6/11/2025	10:42:52 PM	46.4	47.9	48.7	71.1	43.4	44.2
6/11/2025	10:41:52 PM	49	50.3	51.6	71.8	45.4	46.3
6/11/2025	10:40:52 PM	46.3	47.6	48.9	71.1	42.9	43.7
6/11/2025	10:39:52 PM	51.6	54.3	58.1	83	45.1	47.5
6/11/2025	10:38:52 PM	46.6	47.6	48.7	70.1	43.2	43.9
6/11/2025	10:37:52 PM	53.9	61.7	64.9	74.5	43.4	49.8
6/11/2025	10:36:52 PM	66.4	68.4	69.2	83.4	54	55.8
6/11/2025	10:35:52 PM	45.1	46	46.4	70.7	41.8	42.7
6/11/2025	10:34:52 PM	48	48.9	49.6	70.4	44.2	44.9
6/11/2025	10:33:52 PM	49.9	51.1	51.7	70	44.5	45.4
6/11/2025	10:32:52 PM	45.7	46.5	47.2	71	42.1	42.9
6/11/2025	10:31:52 PM	47.7	48.8	50	74	43.2	44.1
6/11/2025	10:30:52 PM	50.7	51.6	52.7	73.6	45.7	46.7
6/11/2025	10:29:52 PM	50.3	51.2	51.9	73.4	45.9	46.6
6/11/2025	10:28:52 PM	47.7	48.9	50.9	73.5	43.8	44.7
6/11/2025	10:27:52 PM	61.1	62.9	63.9	79.3	49.8	50.6
6/11/2025	10:26:52 PM	49.9	50.9	51.7	72.8	44.9	45.6
6/11/2025	10:25:52 PM	50	51.1	52.4	71.3	44.5	45.5
6/11/2025	10:24:52 PM	64.2	65.9	66.6	81.6	52.2	53.6
6/11/2025	10:23:52 PM	64.5	66.7	67.5	83	53.2	54.7
6/11/2025	10:22:52 PM	64.1	65.9	68.9	84.5	53	54.8
6/11/2025	10:21:52 PM	47.9	54	57.8	84.1	42	45
6/11/2025	10:20:52 PM	46.2	49.6	52.8	79.9	43.4	44.8
6/11/2025	10:19:52 PM	60.6	62.1	62.7	78.3	49.8	50.8
6/11/2025	10:18:52 PM	51.5	53	54.3	74.3	46.5	47.2
6/11/2025	10:17:52 PM	47.3	48.7	49.8	76.9	43.4	44.2
6/11/2025	10:16:52 PM	48.2	49.6	53.9	70.3	44.3	45.4
6/11/2025	10:15:52 PM	49.1	50.3	50.8	73.9	44.3	45.4
6/11/2025	10:14:52 PM	50.8	52	54.7	78.7	47.4	48.6
6/11/2025	10:13:52 PM	61	62	62.6	81.9	51.8	53
6/11/2025	10:12:52 PM	48.2	48.6	49.4	76	43.5	44.8
6/11/2025	10:11:52 PM	49.2	50.7	53.6	74.4	46.5	47.6
6/11/2025	10:10:52 PM	50.5	56.4	61.1	80.3	46.1	49.6
6/11/2025	10:09:52 PM	57.5	61.7	62.4	75.7	49.7	53.3
6/11/2025	10:08:52 PM	50.8	56.4	58.7	77.1	45.6	50.2
6/11/2025	10:07:52 PM	55.1	61.6	66.2	77.2	47.6	54.8

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/11/2025	10:06:52 PM	52.6	60	64.4	77.2	45.9	52.1
6/11/2025	10:05:52 PM	49.8	55	59.1	78.3	44.5	50.4
6/11/2025	10:04:52 PM	54.2	60.9	63.5	81.3	46.5	54.3
6/11/2025	10:03:52 PM	53.7	58.9	61	75.3	45.3	50.7
6/11/2025	10:02:52 PM	70	72.6	73.4	87.7	56.6	59.3
6/11/2025	10:01:52 PM	62.3	65	66.6	77.3	50.9	54.5
6/11/2025	10:00:52 PM	54.3	58.9	63.7	76	45	52.2
6/11/2025	9:59:52 PM	56.5	61.8	68	76.3	45.5	53.9
6/11/2025	9:58:52 PM	56.5	64.1	68.2	76.8	45.7	51.2
6/11/2025	9:57:52 PM	55.2	62.7	66.1	76.3	46.2	54.3
6/11/2025	9:56:52 PM	57.3	63.2	65.9	80.5	47.3	54.9
6/11/2025	9:55:52 PM	58.1	64.3	66.5	76.2	48.2	55
6/11/2025	9:54:52 PM	49.3	56.1	60.1	76.4	44.8	51.1
6/11/2025	9:53:52 PM	51.4	56.3	60.8	77.7	48.1	51.5
6/11/2025	9:52:52 PM	57.8	63	64.4	79.5	48.1	54.8
6/11/2025	9:51:52 PM	49.7	54	58.5	76.8	46.7	48.9
6/11/2025	9:50:52 PM	53.8	60.6	65	80.2	47.6	53.3
6/11/2025	9:49:52 PM	53.4	60.5	64.7	80.5	47.6	54.3
6/11/2025	9:48:52 PM	52	57.3	62.1	78.7	48.1	54.7
6/11/2025	9:47:52 PM	52.8	59.7	63.6	76.9	47.1	54.2
6/11/2025	9:46:52 PM	55.8	63.4	68.3	85.3	48.6	56.2
6/11/2025	9:45:52 PM	63.2	65.2	66	82.8	51.7	54.6
6/11/2025	9:44:52 PM	51.1	56.1	60.7	78.9	47.2	53.4
6/11/2025	9:43:52 PM	60.6	68.5	71.9	81.5	47.2	57.4
6/11/2025	9:42:52 PM	51.6	57.6	61.5	77.7	47.2	54.2
6/11/2025	9:41:52 PM	54.1	58.7	63.6	80.8	45.7	53.3
6/11/2025	9:40:52 PM	53.8	59.4	62.1	81.8	45.8	51.7
6/11/2025	9:39:52 PM	53.3	58.3	61.1	77	47.7	52
6/11/2025	9:38:52 PM	56.2	61.8	65.6	78.7	47.3	53.7
6/11/2025	9:37:52 PM	47.5	54.4	59.2	76.8	44.3	47.7
6/11/2025	9:36:52 PM	53.5	61.4	66.4	83.9	46.6	54
6/11/2025	9:35:52 PM	62.3	64.2	65.5	80.6	52	57.4
6/11/2025	9:34:52 PM	52.8	55.8	59	78.2	47.6	53.6
6/11/2025	9:33:52 PM	50.7	58.4	63.4	79.7	46.6	54.7
6/11/2025	9:32:52 PM	64.1	70.3	72	81.5	56	62.7
6/11/2025	9:31:52 PM	60.1	63.9	65.6	81	50.1	56.8
6/11/2025	9:30:52 PM	53.6	61.6	66.6	81.2	47.2	55.9
6/11/2025	9:29:52 PM	57.3	63.5	66.7	79.1	48.5	54
6/11/2025	9:28:52 PM	57.1	58.9	61	77.3	48.8	52.4
6/11/2025	9:27:52 PM	51.9	57.6	61.2	75.2	45.3	51.3
6/11/2025	9:26:52 PM	62.5	63.7	66.7	88.5	52.4	56.1
6/11/2025	9:25:52 PM	53.5	61	64.9	78.5	46.7	53.1
6/11/2025	9:24:52 PM	50.7	55.5	60	76.2	45.7	51.1
6/11/2025	9:23:52 PM	53.7	61.3	65.6	79.1	46.6	54.3

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/11/2025	9:22:52 PM	65.4	67.2	68.1	86.4	54.1	57.9
6/11/2025	9:21:52 PM	54.6	62.3	66.7	78.3	46.4	55.3
6/11/2025	9:20:52 PM	48.9	55.2	60	76.2	44.2	50.1
6/11/2025	9:19:52 PM	57.8	65.8	70.4	82.7	48.8	56.1
6/11/2025	9:18:52 PM	61.8	64.5	65.9	77.6	51.2	55.2
6/11/2025	9:17:52 PM	66.2	68.2	69	84.6	56.4	58.4
6/11/2025	9:16:52 PM	57.3	58.9	61.5	77.6	48.3	53
6/11/2025	9:15:52 PM	53.1	57.8	62.7	83.1	45.4	53.1
6/11/2025	9:14:52 PM	68.1	70.6	71.3	84.5	55.4	58.8
6/11/2025	9:13:52 PM	50.3	55.8	60.4	75.7	45.4	51.8
6/11/2025	9:12:52 PM	54.4	57.6	58.8	76.6	46.2	51.8
6/11/2025	9:11:52 PM	67.8	69.5	70.5	90.8	54.9	58.1
6/11/2025	9:10:52 PM	68.9	72.1	73.6	89.2	55.7	60.1
6/11/2025	9:09:52 PM	51.9	58.1	63.1	79.6	45.1	50.2
6/11/2025	9:08:52 PM	65.8	68.4	69.3	83.9	53.9	56.5
6/11/2025	9:07:52 PM	61.9	63.5	65.8	79.6	51.8	55.5
6/11/2025	9:06:52 PM	50.5	54.5	58.8	76.7	45.6	50.3
6/11/2025	9:05:52 PM	56.3	64	68.2	81.3	47.7	56.2
6/11/2025	9:04:52 PM	57.3	59.2	63.2	79.5	48.7	52.8
6/11/2025	9:03:52 PM	63	67.7	70.7	81.7	52.4	59.4
6/11/2025	9:02:52 PM	65.3	68.4	70.2	85.6	53.6	57.8
6/11/2025	9:01:52 PM	52.4	59.1	63.9	80.2	46.7	53.2
6/11/2025	9:00:52 PM	53.8	60.6	64	79.4	47.2	53.8
6/11/2025	8:59:52 PM	63.4	65.1	68.2	84.9	56.1	58.7
6/11/2025	8:58:52 PM	62	67.9	69.5	78.1	48.9	55.9
6/11/2025	8:57:52 PM	51.4	59	63.2	81.1	45.3	53.1
6/11/2025	8:56:52 PM	52.6	56.2	60.7	78.5	46.8	51.8
6/11/2025	8:55:52 PM	53.2	56.4	58.6	72.4	46.6	51.4
6/11/2025	8:54:52 PM	62.6	63.9	65.7	85.1	51.5	53.9
6/11/2025	8:53:52 PM	53.6	58.9	62.5	78.8	48.3	53.3
6/11/2025	8:52:52 PM	57.3	59.4	63.1	79.6	51.9	55.3
6/11/2025	8:51:52 PM	59.6	61.1	62.7	78.9	50.7	53.5
6/11/2025	8:50:52 PM	56.5	63.3	67.1	76.5	47.7	55.3
6/11/2025	8:49:52 PM	62.2	64	66.3	84	51.4	54.9
6/11/2025	8:48:52 PM	56.3	56.5	61.1	79.1	46.6	52.5
6/11/2025	8:47:52 PM	61.8	67.1	68.7	79.3	52.2	57.1
6/11/2025	8:46:52 PM	67.6	73.1	74.3	82.7	55.9	60.9
6/11/2025	8:45:52 PM	65.7	67.7	68.5	81.8	55	58.7
6/11/2025	8:44:52 PM	66.6	68.6	69.8	84.3	56.6	59
6/11/2025	8:43:52 PM	61.6	63.6	66.9	83.7	52.6	56.7
6/11/2025	8:42:52 PM	64.3	65.6	66.4	83.5	53.6	57.1
6/11/2025	8:41:52 PM	55.9	61.1	65.1	77.1	49.4	55.9
6/11/2025	8:40:52 PM	64.1	66	66.8	82.8	55.9	57.6
6/11/2025	8:39:52 PM	61.2	62.9	63.4	80.1	51.2	52.4

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/11/2025	8:38:52 PM	64.6	66.5	67.2	82.1	53.6	55.2
6/11/2025	8:37:52 PM	56	58.8	60.7	76.9	48.9	53.8
6/11/2025	8:36:52 PM	66.4	68	68.8	83.2	55.4	58.7
6/11/2025	8:35:52 PM	64.4	65.8	67.9	82.2	54.8	58.5
6/11/2025	8:34:52 PM	69.7	71.7	72	88.3	57.9	60.3
6/11/2025	8:33:52 PM	57.9	61.9	65.6	81	51.4	55.7
6/11/2025	8:32:52 PM	59.2	64.4	66.1	79.1	48	54.8
6/11/2025	8:31:52 PM	56.4	60.7	64.4	77.5	48.9	55.4
6/11/2025	8:30:52 PM	66.4	70.2	71.4	81.3	54.7	59.3
6/11/2025	8:29:52 PM	64.8	66.2	69.2	82.7	55.6	59.2
6/11/2025	8:28:52 PM	62.9	65.3	66.9	82.2	54.1	58
6/11/2025	8:27:52 PM	64.3	65.8	66.8	82.9	54	57.7
6/11/2025	8:26:52 PM	72	79.1	81.7	87.5	59.8	67.9
6/11/2025	8:25:52 PM	56.9	64.2	68.4	80.8	49.7	57.1
6/11/2025	8:24:52 PM	61.9	62.8	66.7	82.3	52	55.9
6/11/2025	8:23:52 PM	64.4	65.7	68.3	82.4	55.2	58
6/11/2025	8:22:52 PM	57.8	63.5	67.6	80.8	49.9	58.2
6/11/2025	8:21:52 PM	60.6	62.2	63.1	79.4	52.6	55.5
6/11/2025	8:20:52 PM	59.1	61	61.4	78.7	51	54.3
6/11/2025	8:19:52 PM	62.2	64.5	65.8	79.7	53	57.6
6/11/2025	8:18:52 PM	67.2	69.4	70.2	84.5	55.3	57.9
6/11/2025	8:17:52 PM	65	66.9	71.2	84.4	54.4	59.2
6/11/2025	8:16:52 PM	54.8	61.2	65.5	78.3	48.3	55.6
6/11/2025	8:15:52 PM	57.1	63.8	67.1	80.2	49.2	56
6/11/2025	8:14:52 PM	54.2	61.1	64.6	79.1	48.4	55.1
6/11/2025	8:13:52 PM	56.6	64.9	69.3	82	48.1	56
6/11/2025	8:12:52 PM	64.6	65.9	67.3	84.9	55.3	58.1
6/11/2025	8:11:52 PM	65.8	67.4	68.3	81.8	55.3	57.8
6/11/2025	8:10:52 PM	65.6	68.3	71.8	88.5	56.8	60
6/11/2025	8:09:52 PM	53.6	59.1	63.7	82.3	48.5	53.6
6/11/2025	8:08:52 PM	65	66.9	68.4	83.8	53.7	56.7
6/11/2025	8:07:52 PM	66.5	68.7	69.4	83.8	54.4	56.9
6/11/2025	8:06:52 PM	61.6	62.9	63.9	79.4	52.2	54.8
6/11/2025	8:05:52 PM	64.4	66	67.4	81.4	54.2	57.3
6/11/2025	8:04:52 PM	55.3	56.6	64	76.4	49.4	52.7
6/11/2025	8:03:52 PM	64.4	66	68.3	81.8	53.5	57.4
6/11/2025	8:02:52 PM	52.7	55.8	59.1	74.9	48	51.8
6/11/2025	8:01:52 PM	53	57.9	59.6	75.6	48.4	51.8
6/11/2025	8:00:52 PM	52.5	57.7	61.8	75.3	48.2	53.9
6/11/2025	7:59:52 PM	51.8	56.3	59.6	78.2	48.3	53.1
6/11/2025	7:58:52 PM	56.9	62.8	66.7	76.4	50.2	55.7
6/11/2025	7:57:52 PM	62.3	66.2	67.6	78.2	52.2	57
6/11/2025	7:56:52 PM	65.5	68	69.6	86	54.6	58.5
6/11/2025	7:55:52 PM	57.4	65.2	69.4	81.1	50.3	57.1

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/11/2025	7:54:52 PM	65.7	69.8	70.6	79.5	52.9	58.5
6/11/2025	7:53:52 PM	55.7	61.3	63.4	76.9	50.3	55.5
6/11/2025	7:52:52 PM	66.7	68.1	70.3	84.9	56.1	60.3
6/11/2025	7:51:52 PM	62.9	67.8	70.3	81	52.1	58.7
6/11/2025	7:50:52 PM	55.5	59.7	63.1	87.1	49.6	53.9
6/11/2025	7:49:52 PM	67.1	69.3	70.2	84.9	57.2	60.1
6/11/2025	7:48:52 PM	51.1	55.5	59.5	77.1	48.7	52.4
6/11/2025	7:47:52 PM	53.9	56.2	58.7	79	50.4	53.2
6/11/2025	7:46:52 PM	58.3	64.1	67.5	77.4	50.8	56.3
6/11/2025	7:45:52 PM	54.7	61	65.2	78.1	50	54.8
6/11/2025	7:44:52 PM	65.5	67.5	69.8	84.4	55	58.2
6/11/2025	7:43:52 PM	56.4	59.8	63.9	78.9	50.3	54.8
6/11/2025	7:42:52 PM	53.3	58	60.1	77.9	49.3	53.4
6/11/2025	7:41:52 PM	55.6	58.5	60.9	77.5	48.8	52.7
6/11/2025	7:40:52 PM	66.4	68.6	70.2	82.6	55.8	59.1
6/11/2025	7:39:52 PM	59.3	64	64.9	76.4	49.8	53.9
6/11/2025	7:38:52 PM	63.1	64.7	65.7	87.5	52.7	55.2
6/11/2025	7:37:52 PM	61.4	63.3	66.7	79.5	52.7	56.3
6/11/2025	7:36:52 PM	65.8	68	68.9	87.6	54.1	56.8
6/11/2025	7:35:52 PM	73.6	77.8	79	87	60.9	64.9
6/11/2025	7:34:52 PM	59.9	63.8	65.1	80.4	53.6	56
6/11/2025	7:33:52 PM	65.9	67.9	70.7	84.7	55.6	58.6
6/11/2025	7:32:52 PM	55.6	61.4	63.6	78.4	50.6	54.2
6/11/2025	7:31:52 PM	67.5	69.5	71	85.5	56.3	59
6/11/2025	7:30:52 PM	61.7	61.7	64	79.4	51.2	55
6/11/2025	7:29:52 PM	65.6	67.6	68.3	84.7	55.8	58.1
6/11/2025	7:28:52 PM	67.3	69.7	71.6	87.3	55.8	59.2
6/11/2025	7:27:52 PM	70.3	73.1	73.9	95.6	58.6	60.8
6/11/2025	7:26:52 PM	64	67.1	68	81	53.4	57.1
6/11/2025	7:25:52 PM	66.1	68.6	70.8	87.1	56.4	59.3
6/11/2025	7:24:52 PM	64.2	66.6	68.1	87.3	56.6	58.8
6/11/2025	7:23:52 PM	63.9	65.6	68.1	85.4	54.2	57.1
6/11/2025	7:22:52 PM	56.7	62	63.6	75.2	49.5	53.3
6/11/2025	7:21:52 PM	64.1	66.8	68.1	81.7	54.2	58.2
6/11/2025	7:20:52 PM	67.9	70.6	71.7	89.7	57.1	60
6/11/2025	7:19:52 PM	61.3	63.1	64.4	77.9	52.1	55.9
6/11/2025	7:18:52 PM	62.7	64.9	66.8	84.4	52.2	55.1
6/11/2025	7:17:52 PM	53.9	59.8	64.1	82.3	48.9	53.8
6/11/2025	7:16:52 PM	62.7	65.1	66.3	82.3	53.4	56.2
6/11/2025	7:15:52 PM	69.2	70.8	72.8	84.2	53.2	59.1
6/11/2025	7:14:52 PM	69.2	71.7	73	91.6	57	59.5
6/11/2025	7:13:52 PM	63.7	65.4	67.5	88.8	54.1	56.4
6/11/2025	7:12:52 PM	67.7	70.6	73	88.3	55.2	58.9
6/11/2025	7:11:52 PM	54.2	56.8	59.9	79.5	50.5	54

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/11/2025	7:10:52 PM	51	56	60.1	79.7	47.7	52.5
6/11/2025	7:09:52 PM	67.4	68.9	69.7	84.3	56.2	58.4
6/11/2025	7:08:52 PM	63.5	65	65.9	85.1	53.7	56.2
6/11/2025	7:07:52 PM	65.7	67.7	68.9	84.9	54.4	57.7
6/11/2025	7:06:52 PM	55.9	62.7	65.5	77	49.3	54.4
6/11/2025	7:05:52 PM	68.1	70.3	72.2	88.2	59.2	61.1
6/11/2025	7:04:52 PM	68.7	70.3	71.8	87.9	57.5	59.9
6/11/2025	7:03:52 PM	66.3	68.6	69.7	84.6	55.9	58.7
6/11/2025	7:02:52 PM	69.4	70.8	72	91.8	58.7	60.4
6/11/2025	7:01:52 PM	57.6	59.4	60.2	82.4	50.2	52.5
6/11/2025	7:00:52 PM	51.9	54.7	57	77.9	48.2	51.3
6/11/2025	6:59:52 PM	64.2	65.8	68.2	87.2	54.1	56.6
6/11/2025	6:58:52 PM	67.4	68.9	73.2	86.3	59.1	62.5
6/11/2025	6:57:52 PM	59.9	66.1	69.9	80.4	52.1	58.6
6/11/2025	6:56:52 PM	56.9	64.5	68.6	79.1	51	57.2
6/11/2025	6:55:52 PM	69.7	72	72.7	90.3	58.7	61.3
6/11/2025	6:54:52 PM	64.1	65.7	68.2	83.1	55.4	58
6/11/2025	6:53:52 PM	64.3	66.4	69	85.2	53.8	58.7
6/11/2025	6:52:52 PM	68	70.2	70.8	85.5	54.1	56.9
6/11/2025	6:51:52 PM	67	69.9	70.9	84.6	57.7	60.3
6/11/2025	6:50:52 PM	67.3	69.6	70.2	85.2	59.4	61.5
6/11/2025	6:49:52 PM	53.6	59.5	63.8	84	50	55
6/11/2025	6:48:52 PM	64.7	66.9	69.9	93.6	55.4	60
6/11/2025	6:47:52 PM	66.8	68.6	70	84.7	58.4	60.6
6/11/2025	6:46:52 PM	65.2	67.4	68.7	83	55.8	58.9
6/11/2025	6:45:52 PM	52.5	58.5	62.6	77.4	49	53.5
6/11/2025	6:44:52 PM	69.3	74.8	75.7	85.8	55.2	61.3
6/11/2025	6:43:52 PM	65.2	66.1	67.4	82.4	56	57.8
6/11/2025	6:42:52 PM	55.6	62.7	66.8	78.5	50.4	56.8
6/11/2025	6:41:52 PM	66.2	68.5	71.3	87.5	55.2	58.6
6/11/2025	6:40:52 PM	63.5	65.2	65.8	81.5	52.9	57
6/11/2025	6:39:52 PM	60.7	62.2	64	83.7	51.8	55.3
6/11/2025	6:38:52 PM	67.8	70.1	71.9	85.7	56.5	59.2
6/11/2025	6:37:52 PM	67.4	70.7	72.2	84.2	55.5	59.8
6/11/2025	6:36:52 PM	53.6	59.2	63.8	79.3	50	57.5
6/11/2025	6:35:52 PM	63.7	65.7	67.2	85.7	56.6	59.2
6/11/2025	6:34:52 PM	66.5	69.4	72	86.4	56.9	59.9
6/11/2025	6:33:52 PM	56.4	61.1	64.2	80.8	52.2	57.3
6/11/2025	6:32:52 PM	65.6	69	72.7	91.9	57.2	60.9
6/11/2025	6:31:52 PM	52.6	58.7	63.4	79.6	50	54.1
6/11/2025	6:30:52 PM	59	61.2	61.8	81.2	53.8	55.8
6/11/2025	6:29:52 PM	63.6	64.7	65.4	84.8	55.7	57.4
6/11/2025	6:28:52 PM	70.8	69.5	70.6	88.2	56	58.3
6/11/2025	6:27:52 PM	71.9	72.7	73	93.2	62	63.2

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/11/2025	6:26:52 PM	68.7	70.9	75.6	92.5	57	63
6/11/2025	6:25:52 PM	65.5	67.9	69	82.7	57	61.2
6/11/2025	6:24:52 PM	64.8	65.7	67.3	83.3	55.6	60.5
6/11/2025	6:23:52 PM	65.7	67.3	69.7	81.7	57	60.5
6/11/2025	6:22:52 PM	64.1	67.6	69.2	79.9	54.8	60.3
6/11/2025	6:21:52 PM	67.5	69.6	70.7	90.6	58	61.7
6/11/2025	6:20:52 PM	66.5	68	68.9	84.3	55.1	57.5
6/11/2025	6:19:52 PM	67.4	69.7	71.1	87	56.2	59
6/11/2025	6:18:52 PM	52.8	57.3	60.5	79	48.5	53.4
6/11/2025	6:17:52 PM	65.3	67.4	69.2	87.9	56.3	59
6/11/2025	6:16:52 PM	62.3	65.1	68.4	84.3	53.4	57.5
6/11/2025	6:15:52 PM	63	64.2	65.5	81.8	56	58.5
6/11/2025	6:14:52 PM	69.1	71.5	73.5	90.2	57	61.2
6/11/2025	6:13:52 PM	56.8	61.7	63.8	80.6	51.7	58
6/11/2025	6:12:52 PM	62.1	63.2	64.7	84.2	51.5	58
6/11/2025	6:11:52 PM	68.7	71.2	73.4	89.5	57.8	62
6/11/2025	6:10:52 PM	63.6	65.3	66.4	81.4	53.1	57.4
6/11/2025	6:09:52 PM	52.8	57.5	62.1	83.6	49.3	53.9
6/11/2025	6:08:52 PM	54.3	57.8	62.2	78	49.3	54.2
6/11/2025	6:07:52 PM	65.2	64.5	67.5	84.7	55.4	58.9
6/11/2025	6:06:52 PM	66.3	68.3	69.7	86.8	57.7	63.2
6/11/2025	6:05:52 PM	65.2	66.4	69.7	83.4	55.1	61.1
6/11/2025	6:04:52 PM	61.9	63.3	67.6	84	53.2	61.1
6/11/2025	6:03:52 PM	68.2	72	73.8	86.6	58.6	63
6/11/2025	6:02:52 PM	58.2	62.6	67.4	81.6	52.4	58.6
6/11/2025	6:01:52 PM	72.3	78.1	80.3	85.2	57.1	64.9
6/11/2025	6:00:52 PM	67.4	71.5	72.6	82.5	58.7	62.7
6/11/2025	5:59:52 PM	66.8	68.4	70.5	90.2	57.2	59.5
6/11/2025	5:58:52 PM	61.8	63.2	63.6	81.4	52.6	54.9
6/11/2025	5:57:52 PM	65.5	67.4	69	83.3	55.3	58.5
6/11/2025	5:56:52 PM	63.7	65.5	66.9	80.4	54.4	58.2
6/11/2025	5:55:52 PM	57.8	60.3	62.1	82.6	52.1	55.7
6/11/2025	5:54:52 PM	72.2	74.7	75.8	100.5	60.9	63.4
6/11/2025	5:53:52 PM	67	68.9	70.2	85.6	57.1	59.4
6/11/2025	5:52:52 PM	59.1	63.7	65.6	79.2	50.3	54.6
6/11/2025	5:51:52 PM	66.4	71.6	74.2	85.2	60.2	64.1
6/11/2025	5:50:52 PM	66.7	69.1	71	86	58.1	60.1
6/11/2025	5:49:52 PM	67.4	68.8	69.6	87.9	58.7	60.9
6/11/2025	5:48:52 PM	69.6	72.4	75.6	93.1	61	63.9
6/11/2025	5:47:52 PM	64.3	65.4	66.1	82.8	53.8	56
6/11/2025	5:46:52 PM	67.9	70	71.2	85.1	57.6	59.9
6/11/2025	5:45:52 PM	65.4	67.7	69	85.4	56.9	58.7
6/11/2025	5:44:52 PM	66.7	68.5	69.3	86	57.4	59.1
6/11/2025	5:43:52 PM	66.1	69	71.7	90.3	55.4	58.3

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/11/2025	5:42:52 PM	55.5	59.8	62.2	77.4	49.3	52.7
6/11/2025	5:41:52 PM	66.6	67.7	68.5	87.1	58.5	60.4
6/11/2025	5:40:52 PM	64	66.7	67.8	84.2	53.8	54.9
6/11/2025	5:39:52 PM	62.1	62.8	63.7	82	53.8	55
6/11/2025	5:38:52 PM	63.4	67	68.6	83.4	53.3	56.1
6/11/2025	5:37:52 PM	67.3	69	70	85.4	57.1	58.6
6/11/2025	5:36:52 PM	66.8	69.1	69.8	92.8	58	59.5
6/11/2025	5:35:52 PM	64.9	66.6	69	87.4	57.3	59.3
6/11/2025	5:34:52 PM	66	67.6	68.6	90.5	58.3	59.9
6/11/2025	5:33:52 PM	68.1	70.2	70.9	85.6	57.8	59.6
6/11/2025	5:32:52 PM	66.7	69	69.9	83.6	55.4	57.1
6/11/2025	5:31:52 PM	58.3	60.6	62.7	78.8	51.1	54.1
6/11/2025	5:30:52 PM	64.3	67	68.1	80.1	55.8	57.5
6/11/2025	5:29:52 PM	66	68.5	69.5	85	58.2	59.8
6/11/2025	5:28:52 PM	68	70.2	71.1	87.1	58.9	60.9
6/11/2025	5:27:52 PM	63.6	66.1	66.8	82.5	54.7	56.9
6/11/2025	5:26:52 PM	70.1	72.4	72.9	84.7	58.7	60.8
6/11/2025	5:25:52 PM	67.6	69.6	72.5	87.9	57.4	60.8
6/11/2025	5:24:52 PM	65	66.9	68.3	84.6	55.2	57.6
6/11/2025	5:23:52 PM	64.6	65.6	66.5	81.9	57.6	59
6/11/2025	5:22:52 PM	64.6	66.6	68.6	87.2	54.9	56.9
6/11/2025	5:21:52 PM	68.2	69.3	69.9	84.6	55.3	57.8
6/11/2025	5:20:52 PM	68.1	70.6	71.5	85.1	57	60.5
6/11/2025	5:19:52 PM	63.9	66.3	67.6	83	54.4	56.9
6/11/2025	5:18:52 PM	67.8	69.7	71.7	88.8	56.4	59.7
6/11/2025	5:17:52 PM	73.7	76.4	76.9	96.8	61.2	63.4
6/11/2025	5:16:52 PM	65.8	68.9	70.5	83.6	57.1	58.9
6/11/2025	5:15:52 PM	57.1	60.3	62.4	80.4	52.3	54.6
6/11/2025	5:14:52 PM	68.8	71.9	75.2	91.7	58.7	62
6/11/2025	5:13:52 PM	67	68.3	69.4	85.2	58.4	60
6/11/2025	5:12:52 PM	65.3	67.5	68.8	87.3	55	58
6/11/2025	5:11:52 PM	67.1	69	69.8	88.2	57.8	59.9
6/11/2025	5:10:52 PM	67.5	68.8	70.5	88.6	60.2	62.4
6/11/2025	5:09:52 PM	66.9	69	71.3	86.8	58.3	60.6
6/11/2025	5:08:52 PM	64.3	66.2	67.1	82.2	54.4	56.6
6/11/2025	5:07:52 PM	65.3	66.6	67.4	81.3	56.2	57.5
6/11/2025	5:06:52 PM	67.1	69.6	71.1	85.8	57.9	59.6
6/11/2025	5:05:52 PM	55.6	58.2	59.5	78.8	51.5	53.8
6/11/2025	5:04:52 PM	63.2	64.4	65	82.7	53.9	55.5
6/11/2025	5:03:52 PM	65.5	67.6	69.9	88.9	58.4	60.6
6/11/2025	5:02:52 PM	60.7	59	61.1	76.8	51.2	53.5
6/11/2025	5:01:52 PM	70.1	72.8	74.3	89.8	59.6	63.4
6/11/2025	5:00:52 PM	65.6	65.2	66.3	77.1	53.3	60
6/11/2025	4:59:52 PM	65.8	67.2	68	85.6	56.6	58.8

	SAMPLETIME	LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/11/2025	4:58:52 PM	57.4	62.5	66.9	87	52.2	56.9
6/11/2025	4:57:52 PM	62.4	64.4	67.7	84.1	53.5	57.2
6/11/2025	4:56:52 PM	71.5	74.1	75.6	91.5	60.6	63.3
6/11/2025	4:55:52 PM	64.6	65.8	67.1	82.8	56.9	59.2
6/11/2025	4:54:52 PM	67.4	69.8	71.3	85.7	56	58.9
6/11/2025	4:53:52 PM	64.7	67.7	69.2	86.8	57.6	60.2
6/11/2025	4:52:52 PM	62.4	63.8	64.2	82	53.2	56.6
6/11/2025	4:51:52 PM	63.7	64.8	66.3	82.1	55.7	58.5
6/11/2025	4:50:52 PM	66.6	68.9	69.7	83.9	57.9	59.8
6/11/2025	4:49:52 PM	62.6	64	66.3	83.5	55.3	58.2
6/11/2025	4:48:52 PM	68.3	69.9	70.8	85.5	57.7	60.1
6/11/2025	4:47:52 PM	61.9	65.8	68.2	82.1	53.6	57.4
6/11/2025	4:46:52 PM	70.1	71.8	72.4	88.6	57.8	60.3
6/11/2025	4:45:52 PM	64.8	66.2	66.9	81.7	55.7	57
6/11/2025	4:44:52 PM	63	64.6	66.6	92.3	55.3	58.7
6/11/2025	4:43:52 PM	68.4	74.6	76.5	91	57.1	62.6
6/11/2025	4:42:52 PM	71.2	74.3	75.5	91	60.1	62.2
6/11/2025	4:41:52 PM	64.5	66.6	67.3	82.7	54.6	57.6
6/11/2025	4:40:52 PM	61	67.1	70.1	83.5	52.6	58.7
6/11/2025	4:39:52 PM	66	68.9	71.2	86.5	58.1	61.9
6/11/2025	4:38:52 PM	70.6	76.8	79.5	87.6	61.4	67.8
6/11/2025	4:37:52 PM	65.4	66.8	67.4	82.7	56.9	59.7
6/11/2025	4:36:52 PM	63.2	64.7	66.4	80.2	54.1	56.7
6/11/2025	4:35:52 PM	63.6	68.1	72.2	88.3	56.9	61
6/11/2025	4:34:52 PM	69.8	71.9	72.8	87.2	58.1	60.2
6/11/2025	4:33:52 PM	66.6	67.8	68.8	89.2	57.3	58.8
6/11/2025	4:32:52 PM	71.1	73.2	73.9	89.6	59.1	60.8
6/11/2025	4:31:52 PM	72.2	74.9	75.7	90.9	59.7	62.4
6/11/2025	4:30:52 PM	64	65.9	66.6	85	55.8	57.5
6/11/2025	4:29:52 PM	72.5	75.1	76.4	96.6	60.5	63
6/11/2025	4:28:52 PM	75.3	80.7	82.7	92.2	64.2	69.8
6/11/2025	4:27:52 PM	68.7	71.1	71.8	85.1	57.8	59.4
6/11/2025	4:26:52 PM	64.6	66.5	68.1	84.5	55.2	57.4
6/11/2025	4:25:52 PM	63.4	66.4	67.5	81.7	52.5	54.5
6/11/2025	4:24:52 PM	71.4	73.2	74	92.7	60.2	62.2
6/11/2025	4:23:52 PM	65.5	67.6	70.3	88.8	58.3	60.6
6/11/2025	4:22:52 PM	66	67.5	68.2	84.7	55.8	57.3
6/11/2025	4:21:52 PM	69.7	72.3	73.3	87.1	58.9	61.3
6/11/2025	4:20:52 PM	65.1	66.3	67.3	83.5	55.8	57.4
6/11/2025	4:19:52 PM	64.8	66.5	67.2	84.6	56.5	58.1
6/11/2025	4:18:52 PM	52.9	57	59.1	82.2	50.4	52.7
6/11/2025	4:17:52 PM	65.5	67.3	68.2	84.5	56	57.7
6/11/2025	4:16:52 PM	69	71.1	72.4	90.1	56.8	59.4
6/11/2025	4:15:52 PM	65.7	67	67.8	85.6	58.9	60.1

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/11/2025	4:14:52 PM	64.7	67	67.7	85.5	55.5	57.4
6/11/2025	4:13:52 PM	64.1	66.2	68	86.7	55.6	57.6
6/11/2025	4:12:52 PM	60.4	62.2	63	77.8	51.9	54
6/11/2025	4:11:52 PM	67.8	70.5	72.1	88.9	57.4	60.6
6/11/2025	4:10:52 PM	69.6	71	71.7	87.2	60.1	62.1
6/11/2025	4:09:52 PM	65.6	67.5	70.1	86.7	58.4	60.3
6/11/2025	4:08:52 PM	68.4	70.1	70.8	87.1	61.3	63.1
6/11/2025	4:07:52 PM	59.7	62.5	64.6	80.8	52	55.2
6/11/2025	4:06:52 PM	64.1	66.6	68.4	84	55.6	58.2
6/11/2025	4:05:52 PM	68.4	70.8	71.8	87	58.9	61.9
6/11/2025	4:04:52 PM	69.5	71.6	72.4	86.9	58.9	61.1
6/11/2025	4:03:52 PM	66.5	74.2	78.7	88.9	55.1	63.7
6/11/2025	4:02:52 PM	66.8	68.6	72.5	91.6	58	60.4
6/11/2025	4:01:52 PM	71.3	74	76.4	90.4	60.7	63.6
6/11/2025	4:00:52 PM	66.6	68.1	68.6	85.1	57.5	60.4
6/11/2025	3:59:52 PM	56.7	61.6	65.3	85.9	51.1	56.5
6/11/2025	3:58:52 PM	60.9	61.9	64.9	84.7	52.4	58
6/11/2025	3:57:52 PM	65.1	66.5	70.2	90.9	56.7	61.2
6/11/2025	3:56:52 PM	66.6	68.5	69.2	86.1	57.4	59.9
6/11/2025	3:55:52 PM	72.2	75.8	77.3	95.2	59.5	62.9
6/11/2025	3:54:52 PM	61.3	62.7	63.4	78.6	52.5	55
6/11/2025	3:53:52 PM	70.4	73	74.2	92.6	57.8	60.9
6/11/2025	3:52:52 PM	65.7	68.4	70.6	88.1	54	57.9
6/11/2025	3:51:52 PM	66.1	67.6	68.9	83.6	55.6	57.4
6/11/2025	3:50:52 PM	60	63.6	65.4	79	51	55.1
6/11/2025	3:49:52 PM	64.5	66.1	66.8	82.7	54.3	56.5
6/11/2025	3:48:52 PM	65.4	68.8	72.8	85.2	57.2	61.3
6/11/2025	3:47:52 PM	53.7	58.7	61.6	79.7	50.5	54.6
6/11/2025	3:46:52 PM	66.3	68.2	69	83.7	55.2	57.6
6/11/2025	3:45:52 PM	67.4	68.9	70.6	92.4	59.3	61.3
6/11/2025	3:44:52 PM	65.3	65.3	66.8	82.9	54.5	58.7
6/11/2025	3:43:52 PM	69.5	72.6	74.4	88.7	60.6	63.5
6/11/2025	3:42:52 PM	66.5	68.8	69.8	85.8	56.4	59.3
6/11/2025	3:41:52 PM	66	67.1	68	83.9	56.6	59.6
6/11/2025	3:40:52 PM	57.5	61.2	66.7	82.3	53.8	58.6
6/11/2025	3:39:52 PM	67.7	71.3	74.5	92.4	59.9	63.2
6/11/2025	3:38:52 PM	65.9	67.5	68.3	82.8	59.4	61.3
6/11/2025	3:37:52 PM	68.1	69.6	70.5	85.2	58.6	59.9
6/11/2025	3:36:52 PM	70	72.8	74.8	92.1	59.4	62.6
6/11/2025	3:35:52 PM	66.9	68.4	69	84.4	56.6	58.9
6/11/2025	3:34:52 PM	55.1	61.7	66.2	84.2	51.4	57.2
6/11/2025	3:33:52 PM	68.1	69.6	72.6	91.2	58.7	61.6
6/11/2025	3:32:52 PM	61.9	63.9	65.8	82.7	54.4	57.7
6/11/2025	3:31:52 PM	68.4	70.4	71.2	84.7	57.8	61

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/11/2025	3:30:52 PM	55.9	58.3	63	79.4	50.6	57.4
6/11/2025	3:29:52 PM	65.5	67.2	68.1	82.7	54.7	57.3
6/11/2025	3:28:52 PM	55.4	58.4	60.3	79.4	50.4	54
6/11/2025	3:27:52 PM	55.4	60.6	63.8	83.4	51.4	56.6
6/11/2025	3:26:52 PM	66.7	68.7	69.9	84.9	55.7	58.9
6/11/2025	3:25:52 PM	63.8	65.7	68.7	84.8	54.9	58.2
6/11/2025	3:24:52 PM	56.4	59.2	63	79.3	50.7	55
6/11/2025	3:23:52 PM	56.7	59.8	62.6	80.2	51.7	55.2
6/11/2025	3:22:52 PM	52.9	59	63.5	83.5	49.4	54.9
6/11/2025	3:21:52 PM	66.6	67.9	68.8	85.3	57	59
6/11/2025	3:20:52 PM	65.4	66.7	69.3	88.8	55.6	58.8
6/11/2025	3:19:52 PM	53.6	59.2	63.8	82.7	50.5	56.7
6/11/2025	3:18:52 PM	64.2	66.1	67	84.6	55.7	58.1
6/11/2025	3:17:52 PM	67.5	69.5	70.4	86.2	56.8	59.3
6/11/2025	3:16:52 PM	63.8	65	65.7	83.3	53.9	56.1
6/11/2025	3:15:52 PM	65.1	67	68	83.6	54.2	56.3
6/11/2025	3:14:52 PM	67.4	69.8	70.4	88.3	58.1	60.5
6/11/2025	3:13:52 PM	66.6	68	68.6	84.3	57.3	59.1
6/11/2025	3:12:52 PM	53.3	59.7	64.4	83.2	50.5	55.7
6/11/2025	3:11:52 PM	68.9	71.3	72.6	89.2	56.4	60.8
6/11/2025	3:10:52 PM	64	65.8	68	83.2	56.1	59.5
6/11/2025	3:09:52 PM	68.9	71	72.7	90.4	56.8	60.4
6/11/2025	3:08:52 PM	62.2	63.4	64.2	82.6	53.2	55.6
6/11/2025	3:07:52 PM	68.2	70.5	71.8	88.2	55.3	58.9
6/11/2025	3:06:52 PM	65.8	68	69.2	83.8	56	57.7
6/11/2025	3:05:52 PM	67.7	70.8	72.8	88.4	56	60.7
6/11/2025	3:04:52 PM	64.4	66.2	67	82.4	54.8	58.1
6/11/2025	3:03:52 PM	54.3	59.6	62.7	85.2	50.8	54.6
6/11/2025	3:02:52 PM	71.3	73.7	75.5	92.2	61.2	63.7
6/11/2025	3:01:52 PM	65.8	67.1	68.1	84.5	56.3	58.6
6/11/2025	3:00:52 PM	62.4	64.7	65.5	81.9	52.3	55
6/11/2025	2:59:52 PM	55	59.2	61.7	85.3	50.6	54.2
6/11/2025	2:58:52 PM	58.7	59.7	61.1	86.5	53.5	55.3
6/11/2025	2:57:52 PM	68.9	71.1	72.2	87.9	58.5	61.5
6/11/2025	2:56:52 PM	54.9	57.4	59.6	78.6	48.4	50.8
6/11/2025	2:55:52 PM	63.6	65.1	65.9	82.1	55.5	56.6
6/11/2025	2:54:52 PM	61.3	62.4	63.9	82.8	52.5	54
6/11/2025	2:53:52 PM	66.3	68.2	69.6	85.2	56.7	58.2
6/11/2025	2:52:52 PM	62.9	63.8	65.2	80.8	53.5	55.2
6/11/2025	2:51:52 PM	71.1	73.9	76	89	59	62.7
6/11/2025	2:50:52 PM	68.5	73.1	75.7	90.6	55	58.5
6/11/2025	2:49:52 PM	70.5	73.6	74.5	88.9	60.3	62.9
6/11/2025	2:48:52 PM	66.7	68.6	70.7	88.5	57.9	60.6
6/11/2025	2:47:52 PM	65.4	67.1	68.8	85	57	59.5

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/11/2025	2:46:52 PM	68.2	71	72.7	89.5	58.9	61.9
6/11/2025	2:45:52 PM	66.3	68.5	69.5	86.7	59.1	60.7
6/11/2025	2:44:52 PM	65.8	66.9	67.6	83	58.7	59.8
6/11/2025	2:43:52 PM	63.1	65.1	66.9	82	53.4	56.1
6/11/2025	2:42:52 PM	66.7	68.7	72.1	88.8	58.8	62.3
6/11/2025	2:41:52 PM	69.1	71.5	72	88.4	56.3	59
6/11/2025	2:40:52 PM	62.7	61.5	66.1	86.4	51	55.3
6/11/2025	2:39:52 PM	68.9	75.1	79	102	58.7	64.9
6/11/2025	2:38:52 PM	67	69.1	69.6	85	57.9	60.4
6/11/2025	2:37:52 PM	75	78.2	79.9	90.2	65.8	69.1
6/11/2025	2:36:52 PM	73.1	75.7	77.9	84.4	65.3	68.2
6/11/2025	2:35:52 PM	66.2	68.7	69.3	83	55.4	57.8
6/11/2025	2:34:52 PM	78.5	81.9	83.3	101.5	65.3	69.1
6/11/2025	2:33:52 PM	55.3	56.6	58	75.8	50.8	52.2
6/11/2025	2:32:52 PM	53.5	58.6	63	79	50.5	54.8
6/11/2025	2:31:52 PM	64.7	66.9	68.6	86.1	56.8	59.5
6/11/2025	2:30:52 PM	67.6	69.8	71.6	87.1	59.3	62
6/11/2025	2:29:52 PM	67.7	70	71	87.7	60.1	62.5
6/11/2025	2:28:52 PM	66.4	69.3	71.1	86.1	58.5	61
6/11/2025	2:27:52 PM	66.2	68.5	69.5	87.8	57.2	58.9
6/11/2025	2:26:52 PM	65.7	67.6	70.3	86.8	53.7	60.2
6/11/2025	2:25:52 PM	65	69.8	71.2	85.8	56	61.4
6/11/2025	2:24:52 PM	57.1	63.9	68.4	87.8	51.9	59.2
6/11/2025	2:23:52 PM	59.1	62.1	66.3	83.1	53	58.6
6/11/2025	2:22:52 PM	65.4	67.3	71.2	85.7	57.3	62.1
6/11/2025	2:21:52 PM	60	67.3	72.3	89.6	52.7	61.3
6/11/2025	2:20:52 PM	65.6	67.7	69.6	88.9	57.9	61.2
6/11/2025	2:19:52 PM	67.9	69.3	71	88	58.3	61.7
6/11/2025	2:18:52 PM	67.8	69.4	73.7	91.5	60.1	63.4
6/11/2025	2:17:52 PM	71	73.8	74.6	88	60.2	63.7
6/11/2025	2:16:52 PM	69.6	72.5	74	96.9	60.3	63.6
6/11/2025	2:15:52 PM	61.9	68.8	73.8	88.6	54.4	62.3
6/11/2025	2:14:52 PM	69.9	73	74.6	91.1	60.7	63.8
6/11/2025	2:13:52 PM	64.8	66.8	70.7	84.5	56.7	60.6
6/11/2025	2:12:52 PM	68.3	70.1	70.9	89.1	58.5	62.4
6/11/2025	2:11:52 PM	64.6	66.5	67.8	86.5	55.8	61.2
6/11/2025	2:10:52 PM	66.9	69	71.1	86.3	58.3	63
6/11/2025	2:09:52 PM	68.2	71.3	75.3	97.7	59.5	63.9
6/11/2025	2:08:52 PM	65.8	68.1	69.7	86.5	58.8	61.8
6/11/2025	2:07:52 PM	66.9	70.1	74.6	91	57.1	63.5
6/11/2025	2:06:52 PM	66.1	68.5	72.8	91	56.5	63
6/11/2025	2:05:52 PM	63.9	65.2	69.2	86.6	55.6	61.1
6/11/2025	2:04:52 PM	61.8	67.7	72.8	89.8	54.9	61.3
6/11/2025	2:03:52 PM	59.4	63.8	67.5	85.7	54.4	60.8

SAMPLETIME		LASMAX	LAFMAX	LAIMAX	LCPEAK	LAEQ	LAIEQ
6/11/2025	2:02:52 PM	74.5	76.8	77.3	98	63.9	66.3
6/11/2025	2:01:52 PM	63.9	65.8	66.8	84.7	56	59.9
6/11/2025	2:00:52 PM	61	67.4	71.6	87.8	56.1	61.5
6/11/2025	1:59:52 PM	67.4	71.9	76.6	90.1	58.2	65.4
6/11/2025	1:58:52 PM	66.6	69.7	74.7	92.4	58.3	64.9
6/11/2025	1:57:52 PM	68.8	73.6	74.7	89.4	59.8	66.3
6/11/2025	1:56:52 PM	65.1	73.2	78.2	93.6	57.7	67
6/11/2025	1:55:52 PM	62.2	70	75	89	54.7	64.1
6/11/2025	1:54:52 PM	67.9	70.4	75.1	90.6	59.6	65.1
6/11/2025	1:53:52 PM	68.8	71.2	72.6	89.7	58.1	63.4
6/11/2025	1:52:52 PM	62.7	68.9	74	91.5	56.3	64.9
6/11/2025	1:51:52 PM	65.6	67.8	72.1	88.8	56.8	63.5
6/11/2025	1:50:52 PM	65.9	70.4	75.2	92.3	59.4	66.6
6/11/2025	1:49:52 PM	62.4	69.4	74.4	91.8	55	63.7
6/11/2025	1:48:52 PM	67.4	69.3	73.7	90.2	59.8	66.5
6/11/2025	1:47:52 PM	64.9	70.6	75.1	95.7	59.5	66.9
6/11/2025	1:46:52 PM	65.8	69.9	74.5	90.6	60.1	66.5
6/11/2025	1:45:52 PM	64.4	68.1	73.1	93.6	58.2	66
6/11/2025	1:44:52 PM	67.4	69	73.5	90.6	59.7	65.1
6/11/2025	1:43:52 PM	61.4	68.2	72.9	88.9	55.8	64.4
6/11/2025	1:42:52 PM	67.6	73.1	77.8	93.3	60.8	66.9
6/11/2025	1:41:52 PM	83.5	85.1	85.6	102.3	73	74.4
6/11/2025	1:40:52 PM	69	71.2	73.4	90.5	63.3	67.1
6/11/2025	1:39:52 PM	68.3	69.9	74.5	92.6	60.3	65.1
6/11/2025	1:38:52 PM	70.3	72.8	73.7	89.6	61.9	66.6
6/11/2025	1:37:52 PM	70	72.3	73.8	91	60.9	65.5
6/11/2025	1:36:52 PM	68.7	70.3	75.3	92.4	61.9	66.9
6/11/2025	1:35:52 PM	69.4	70.9	72.9	88.4	61.4	65.1
6/11/2025	1:34:52 PM	71	73.9	75.7	94.2	60.6	66.6
6/11/2025	1:33:52 PM	69	72.6	76.3	91.7	61.6	66.2
6/11/2025	1:32:52 PM	68.3	71.2	75.8	97.5	62.4	67.2
6/11/2025	1:31:52 PM	75.2	75.3	76.5	92.8	63.4	68.7
	LMAX (all)	83.5					
	LMAX (after 2:25pm 6/11/2025)	78.5					

S057_BIU070007_18062025_085112: Information Panel

Description	Value
Name	S057_BIU070007_18062025_085112
Start Time	6/11/2025 11:37:09
Stop Time	6/11/2025 11:57:11
Device Name	BIU070007
Model Type	SoundPro DL
Device Firmware Rev	R.13J
Comments	

S057_BIU070007_18062025_085112: Logged Data Chart

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:37:10	47.80	60.00	47.20	59.80
6/11/2025 11:37:11	48.40	64.70	48.40	64.70
6/11/2025 11:37:12	48.50	61.70	48.60	60.80
6/11/2025 11:37:13	48.40	60.60	48.40	61.40
6/11/2025 11:37:14	49.70	63.40	49.80	63.10
6/11/2025 11:37:15	52.00	66.70	52.60	66.80
6/11/2025 11:37:16	55.10	69.80	55.60	69.60
6/11/2025 11:37:17	58.60	72.70	59.00	72.80
6/11/2025 11:37:18	61.90	76.00	62.80	76.30
6/11/2025 11:37:19	64.10	77.00	64.90	76.80
6/11/2025 11:37:20	63.90	74.50	62.70	74.60
6/11/2025 11:37:21	62.70	69.40	57.50	69.30
6/11/2025 11:37:22	60.00	69.20	54.30	69.40
6/11/2025 11:37:23	57.20	64.60	52.10	64.40
6/11/2025 11:37:24	54.70	65.40	51.10	65.80
6/11/2025 11:37:25	52.80	63.90	50.80	63.40
6/11/2025 11:37:26	51.80	63.10	50.40	63.70
6/11/2025 11:37:27	50.80	62.50	48.90	62.40
6/11/2025 11:37:28	49.70	60.90	48.60	62.20
6/11/2025 11:37:29	49.90	62.60	50.00	62.70
6/11/2025 11:37:30	51.00	63.90	51.20	63.80
6/11/2025 11:37:31	52.60	66.30	53.00	65.90
6/11/2025 11:37:32	58.20	86.30	55.90	86.20
6/11/2025 11:37:33	58.40	73.90	59.30	73.90
6/11/2025 11:37:34	60.90	75.20	61.20	74.90
6/11/2025 11:37:35	62.40	75.90	62.90	75.80
6/11/2025 11:37:36	62.80	78.10	62.40	78.00
6/11/2025 11:37:37	62.00	73.70	61.10	73.50
6/11/2025 11:37:38	61.60	78.10	61.20	78.10
6/11/2025 11:37:39	62.90	76.20	62.80	76.00
6/11/2025 11:37:40	66.00	83.80	67.10	83.70
6/11/2025 11:37:41	65.70	81.30	62.90	81.30
6/11/2025 11:37:42	63.90	75.30	61.10	75.30
6/11/2025 11:37:43	62.10	70.70	58.40	71.00
6/11/2025 11:37:44	60.10	71.30	57.60	70.80
6/11/2025 11:37:45	58.80	69.50	56.50	69.40
6/11/2025 11:37:46	57.30	67.10	54.30	67.70
6/11/2025 11:37:47	55.50	64.90	52.20	64.50

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:37:48	53.60	63.90	50.90	64.10
6/11/2025 11:37:49	52.00	62.80	49.80	63.20
6/11/2025 11:37:50	50.70	62.50	49.60	61.90
6/11/2025 11:37:51	50.10	62.50	48.90	61.70
6/11/2025 11:37:52	49.30	62.50	48.00	62.80
6/11/2025 11:37:53	48.60	60.80	47.80	60.80
6/11/2025 11:37:54	48.10	67.00	47.30	66.50
6/11/2025 11:37:55	47.90	64.40	47.30	64.40
6/11/2025 11:37:56	47.90	61.70	47.80	61.90
6/11/2025 11:37:57	47.90	59.90	47.00	59.70
6/11/2025 11:37:58	47.30	59.70	46.60	59.50
6/11/2025 11:37:59	47.20	63.10	47.10	63.70
6/11/2025 11:38:00	47.40	60.50	47.30	61.60
6/11/2025 11:38:01	48.00	61.40	48.00	60.80
6/11/2025 11:38:02	48.10	60.70	47.90	60.50
6/11/2025 11:38:03	48.50	66.50	48.20	65.40
6/11/2025 11:38:04	49.90	74.70	50.50	74.20
6/11/2025 11:38:05	50.60	64.00	50.60	63.80
6/11/2025 11:38:06	53.30	68.20	53.50	67.80
6/11/2025 11:38:07	57.10	70.90	57.30	71.10
6/11/2025 11:38:08	61.90	78.20	62.40	78.00
6/11/2025 11:38:09	64.80	79.30	65.70	79.50
6/11/2025 11:38:10	65.10	78.10	64.90	77.70
6/11/2025 11:38:11	64.50	73.10	60.00	72.60
6/11/2025 11:38:12	61.80	69.40	56.10	68.10
6/11/2025 11:38:13	59.00	66.20	53.50	65.70
6/11/2025 11:38:14	56.40	64.50	50.80	64.30
6/11/2025 11:38:15	53.60	62.60	49.40	61.70
6/11/2025 11:38:16	51.30	61.60	48.70	60.90
6/11/2025 11:38:17	49.90	62.20	49.40	63.20
6/11/2025 11:38:18	49.70	63.70	48.70	63.90
6/11/2025 11:38:19	49.10	60.70	48.60	60.90
6/11/2025 11:38:20	48.70	61.20	47.90	62.20
6/11/2025 11:38:21	48.50	61.30	48.40	61.90
6/11/2025 11:38:22	48.50	60.80	47.70	61.30
6/11/2025 11:38:23	47.90	60.20	47.30	59.90
6/11/2025 11:38:24	47.60	59.70	47.30	61.00
6/11/2025 11:38:25	47.80	60.60	47.90	60.40
6/11/2025 11:38:26	48.00	61.30	47.90	60.70
6/11/2025 11:38:27	47.90	60.10	47.70	60.90
6/11/2025 11:38:28	47.70	68.30	47.20	68.00
6/11/2025 11:38:29	47.60	60.50	47.50	60.00
6/11/2025 11:38:30	47.90	61.70	48.00	61.00
6/11/2025 11:38:31	48.50	60.90	48.80	61.40
6/11/2025 11:38:32	50.00	66.70	50.30	68.40
6/11/2025 11:38:33	50.10	63.40	49.90	62.50
6/11/2025 11:38:34	50.50	62.80	50.40	64.10
6/11/2025 11:38:35	51.40	64.40	51.60	64.40
6/11/2025 11:38:36	52.00	65.10	52.40	64.10
6/11/2025 11:38:37	51.90	63.90	51.30	64.30
6/11/2025 11:38:38	51.40	66.60	49.90	66.40

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:38:39	50.50	60.40	48.00	61.00
6/11/2025 11:38:40	48.90	60.30	47.60	60.00
6/11/2025 11:38:41	48.10	60.00	47.70	59.80
6/11/2025 11:38:42	48.00	59.70	47.40	59.40
6/11/2025 11:38:43	48.50	61.50	47.90	62.20
6/11/2025 11:38:44	49.30	63.10	48.90	63.00
6/11/2025 11:38:45	48.30	60.60	47.40	60.70
6/11/2025 11:38:46	48.00	61.30	47.80	60.40
6/11/2025 11:38:47	47.70	59.50	47.50	61.10
6/11/2025 11:38:48	47.80	60.20	47.50	60.10
6/11/2025 11:38:49	47.50	60.00	47.20	61.70
6/11/2025 11:38:50	47.40	59.70	47.00	60.80
6/11/2025 11:38:51	47.20	59.30	46.90	58.90
6/11/2025 11:38:52	47.50	60.20	47.30	60.20
6/11/2025 11:38:53	48.30	61.40	48.70	61.60
6/11/2025 11:38:54	48.50	61.70	48.30	60.80
6/11/2025 11:38:55	48.30	61.10	47.70	60.60
6/11/2025 11:38:56	48.00	61.40	47.90	62.10
6/11/2025 11:38:57	48.20	60.80	48.20	61.10
6/11/2025 11:38:58	48.70	62.50	48.20	61.70
6/11/2025 11:38:59	50.40	63.80	50.80	63.80
6/11/2025 11:39:00	50.90	65.10	51.00	63.90
6/11/2025 11:39:01	50.80	65.00	50.10	65.50
6/11/2025 11:39:02	50.20	63.60	49.60	63.60
6/11/2025 11:39:03	50.30	63.80	50.30	63.50
6/11/2025 11:39:04	50.50	63.70	50.10	63.70
6/11/2025 11:39:05	50.10	66.30	49.30	65.40
6/11/2025 11:39:06	49.50	61.70	48.90	62.70
6/11/2025 11:39:07	49.40	63.00	49.20	63.20
6/11/2025 11:39:08	49.40	61.50	49.00	62.10
6/11/2025 11:39:09	49.30	61.60	49.10	62.60
6/11/2025 11:39:10	49.40	63.20	49.40	62.80
6/11/2025 11:39:11	49.40	62.30	48.90	61.50
6/11/2025 11:39:12	49.20	61.50	49.10	61.70
6/11/2025 11:39:13	49.20	61.10	48.80	61.30
6/11/2025 11:39:14	49.00	62.30	49.10	63.70
6/11/2025 11:39:15	49.20	62.20	49.10	62.30
6/11/2025 11:39:16	49.20	61.50	49.00	61.80
6/11/2025 11:39:17	49.60	61.90	49.80	62.20
6/11/2025 11:39:18	50.20	64.40	50.70	65.30
6/11/2025 11:39:19	50.50	62.70	50.50	62.90
6/11/2025 11:39:20	51.10	64.40	51.30	65.00
6/11/2025 11:39:21	52.60	65.40	52.90	65.60
6/11/2025 11:39:22	55.20	69.60	55.50	69.90
6/11/2025 11:39:23	58.30	72.50	58.50	72.60
6/11/2025 11:39:24	61.40	74.20	62.00	74.40
6/11/2025 11:39:25	62.90	77.10	63.60	76.80
6/11/2025 11:39:26	63.60	77.00	63.70	76.90
6/11/2025 11:39:27	63.10	73.60	59.20	73.80
6/11/2025 11:39:28	60.70	68.50	55.90	68.50
6/11/2025 11:39:29	58.30	67.80	55.10	67.10

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:39:30	57.20	70.60	57.00	70.40
6/11/2025 11:39:31	59.80	75.20	60.20	75.00
6/11/2025 11:39:32	62.50	77.20	63.00	77.20
6/11/2025 11:39:33	64.40	80.60	65.00	80.30
6/11/2025 11:39:34	64.60	78.80	64.10	78.90
6/11/2025 11:39:35	63.90	72.80	60.00	72.50
6/11/2025 11:39:36	61.50	68.00	55.60	67.30
6/11/2025 11:39:37	58.70	67.20	54.20	66.90
6/11/2025 11:39:38	56.40	67.50	52.60	67.00
6/11/2025 11:39:39	54.30	64.60	51.00	63.90
6/11/2025 11:39:40	52.50	63.40	50.90	63.80
6/11/2025 11:39:41	51.50	62.80	50.50	62.40
6/11/2025 11:39:42	51.10	63.10	50.30	62.80
6/11/2025 11:39:43	50.50	62.20	49.80	62.70
6/11/2025 11:39:44	50.00	61.70	49.20	62.30
6/11/2025 11:39:45	49.50	61.90	48.90	62.00
6/11/2025 11:39:46	49.20	61.90	49.10	61.40
6/11/2025 11:39:47	49.20	61.20	48.80	61.20
6/11/2025 11:39:48	49.20	62.60	49.10	62.50
6/11/2025 11:39:49	49.20	61.30	48.50	61.60
6/11/2025 11:39:50	48.80	61.80	48.80	61.10
6/11/2025 11:39:51	49.20	62.20	49.40	61.50
6/11/2025 11:39:52	49.80	63.50	49.90	63.50
6/11/2025 11:39:53	50.60	67.40	51.00	67.00
6/11/2025 11:39:54	51.80	67.40	51.90	67.40
6/11/2025 11:39:55	55.60	81.30	55.60	81.20
6/11/2025 11:39:56	58.20	73.70	58.60	73.60
6/11/2025 11:39:57	63.70	79.60	63.80	79.70
6/11/2025 11:39:58	69.00	84.80	69.80	85.00
6/11/2025 11:39:59	71.30	85.20	72.20	85.10
6/11/2025 11:40:00	71.30	85.20	69.60	85.20
6/11/2025 11:40:01	70.40	83.30	69.60	83.30
6/11/2025 11:40:02	70.50	82.30	69.20	82.30
6/11/2025 11:40:03	69.20	77.00	64.20	76.90
6/11/2025 11:40:04	66.40	70.70	57.90	70.70
6/11/2025 11:40:05	62.90	65.50	53.50	66.20
6/11/2025 11:40:06	59.30	63.70	51.40	63.70
6/11/2025 11:40:07	56.00	65.30	50.00	64.40
6/11/2025 11:40:08	53.30	64.50	49.20	65.50
6/11/2025 11:40:09	51.10	61.10	48.90	61.20
6/11/2025 11:40:10	51.70	65.90	52.10	65.40
6/11/2025 11:40:11	52.60	66.20	52.70	65.70
6/11/2025 11:40:12	53.30	68.10	53.10	67.90
6/11/2025 11:40:13	53.00	66.40	52.20	65.80
6/11/2025 11:40:14	52.90	67.00	52.30	66.50
6/11/2025 11:40:15	53.20	78.30	53.30	78.30
6/11/2025 11:40:16	53.90	67.70	54.00	67.50
6/11/2025 11:40:17	55.80	69.80	56.00	70.20
6/11/2025 11:40:18	58.80	75.80	59.00	76.00
6/11/2025 11:40:19	61.80	77.10	62.20	76.80
6/11/2025 11:40:20	63.90	82.40	64.60	82.20

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:40:21	64.20	77.00	64.40	76.80
6/11/2025 11:40:22	64.50	78.50	64.00	78.50
6/11/2025 11:40:23	63.60	74.20	59.00	74.10
6/11/2025 11:40:24	61.10	70.60	57.70	70.40
6/11/2025 11:40:25	59.40	70.30	57.30	70.40
6/11/2025 11:40:26	58.10	68.80	55.80	68.50
6/11/2025 11:40:27	56.60	67.70	54.10	67.80
6/11/2025 11:40:28	55.10	65.40	52.30	65.50
6/11/2025 11:40:29	53.50	65.30	51.70	66.10
6/11/2025 11:40:30	52.70	66.10	51.80	66.20
6/11/2025 11:40:31	52.40	65.00	52.00	65.50
6/11/2025 11:40:32	52.50	72.10	51.90	72.00
6/11/2025 11:40:33	51.60	63.90	50.10	64.40
6/11/2025 11:40:34	51.00	63.70	50.20	64.00
6/11/2025 11:40:35	50.80	64.40	50.40	64.80
6/11/2025 11:40:36	51.10	64.80	50.50	64.70
6/11/2025 11:40:37	51.20	65.70	50.90	65.10
6/11/2025 11:40:38	52.00	67.00	51.90	67.10
6/11/2025 11:40:39	51.90	65.60	51.00	64.80
6/11/2025 11:40:40	52.20	65.70	52.00	66.10
6/11/2025 11:40:41	52.50	67.30	52.40	67.20
6/11/2025 11:40:42	52.50	66.50	51.60	66.90
6/11/2025 11:40:43	52.70	66.90	52.10	67.30
6/11/2025 11:40:44	52.90	66.90	52.90	66.90
6/11/2025 11:40:45	52.80	64.80	51.10	64.70
6/11/2025 11:40:46	53.00	66.80	52.70	67.90
6/11/2025 11:40:47	52.10	73.10	48.60	72.70
6/11/2025 11:40:48	50.10	60.10	47.80	60.10
6/11/2025 11:40:49	48.80	59.90	47.50	60.00
6/11/2025 11:40:50	48.30	63.60	48.00	63.40
6/11/2025 11:40:51	48.80	64.50	48.90	64.70
6/11/2025 11:40:52	48.60	60.80	48.00	60.40
6/11/2025 11:40:53	48.20	60.90	47.80	60.20
6/11/2025 11:40:54	48.20	61.70	48.20	61.10
6/11/2025 11:40:55	48.20	60.10	48.00	60.70
6/11/2025 11:40:56	48.10	60.40	47.90	60.80
6/11/2025 11:40:57	48.30	62.00	48.40	62.10
6/11/2025 11:40:58	48.60	65.90	48.60	65.90
6/11/2025 11:40:59	49.70	71.00	50.10	70.80
6/11/2025 11:41:00	50.40	71.60	50.30	71.20
6/11/2025 11:41:01	50.50	74.70	49.70	74.60
6/11/2025 11:41:02	49.80	68.90	48.90	68.50
6/11/2025 11:41:03	49.40	61.60	47.80	60.20
6/11/2025 11:41:04	48.30	61.40	47.80	61.00
6/11/2025 11:41:05	49.40	70.10	49.00	70.60
6/11/2025 11:41:06	48.60	60.90	47.60	61.20
6/11/2025 11:41:07	49.30	72.20	49.20	72.30
6/11/2025 11:41:08	49.60	67.30	49.20	67.60
6/11/2025 11:41:09	49.40	63.40	48.40	64.10
6/11/2025 11:41:10	49.60	67.10	49.40	67.10
6/11/2025 11:41:11	49.40	61.80	48.20	62.00

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:41:12	49.70	70.50	49.20	70.70
6/11/2025 11:41:13	49.00	60.40	47.60	59.90
6/11/2025 11:41:14	49.40	69.90	49.00	69.30
6/11/2025 11:41:15	48.60	64.10	47.60	62.40
6/11/2025 11:41:16	48.30	67.90	47.80	67.50
6/11/2025 11:41:17	49.30	69.40	49.60	69.10
6/11/2025 11:41:18	50.00	70.90	49.70	70.60
6/11/2025 11:41:19	49.40	61.60	48.00	61.00
6/11/2025 11:41:20	49.10	69.90	48.60	69.00
6/11/2025 11:41:21	48.80	65.20	47.90	66.60
6/11/2025 11:41:22	49.40	71.00	48.80	71.00
6/11/2025 11:41:23	49.30	63.70	48.70	63.20
6/11/2025 11:41:24	48.70	65.10	48.20	64.50
6/11/2025 11:41:25	48.50	61.80	48.50	61.70
6/11/2025 11:41:26	49.40	69.60	49.80	69.90
6/11/2025 11:41:27	51.30	65.50	51.50	65.20
6/11/2025 11:41:28	54.00	69.60	54.50	69.90
6/11/2025 11:41:29	57.60	71.10	58.30	71.10
6/11/2025 11:41:30	60.40	74.60	60.90	74.40
6/11/2025 11:41:31	63.50	77.60	64.00	77.60
6/11/2025 11:41:32	64.40	78.40	64.80	78.20
6/11/2025 11:41:33	64.10	74.20	61.80	74.20
6/11/2025 11:41:34	62.40	69.30	57.10	69.50
6/11/2025 11:41:35	59.70	68.20	56.00	68.30
6/11/2025 11:41:36	57.80	68.70	56.00	68.00
6/11/2025 11:41:37	56.80	69.50	56.20	69.80
6/11/2025 11:41:38	58.20	70.70	58.60	70.50
6/11/2025 11:41:39	60.80	73.80	61.10	73.50
6/11/2025 11:41:40	63.40	76.20	64.00	76.20
6/11/2025 11:41:41	64.80	76.90	65.10	76.80
6/11/2025 11:41:42	65.00	76.80	64.90	76.80
6/11/2025 11:41:43	64.50	75.00	62.10	74.50
6/11/2025 11:41:44	62.90	72.70	60.10	72.80
6/11/2025 11:41:45	61.40	74.20	60.10	74.00
6/11/2025 11:41:46	60.50	72.40	59.00	73.00
6/11/2025 11:41:47	59.60	72.10	58.10	72.00
6/11/2025 11:41:48	58.60	70.30	57.30	70.00
6/11/2025 11:41:49	57.80	69.40	57.20	70.00
6/11/2025 11:41:50	57.50	68.60	56.80	68.90
6/11/2025 11:41:51	56.90	68.20	56.20	68.70
6/11/2025 11:41:52	56.90	68.80	56.80	68.90
6/11/2025 11:41:53	56.70	69.80	56.50	69.40
6/11/2025 11:41:54	57.80	70.90	58.30	71.20
6/11/2025 11:41:55	58.00	70.30	58.00	70.10
6/11/2025 11:41:56	58.10	70.40	58.00	69.80
6/11/2025 11:41:57	58.10	69.70	57.90	69.40
6/11/2025 11:41:58	57.80	69.80	57.30	69.40
6/11/2025 11:41:59	57.40	68.20	56.20	67.80
6/11/2025 11:42:00	57.20	69.90	57.20	69.90
6/11/2025 11:42:01	57.50	72.10	57.60	71.80
6/11/2025 11:42:02	57.50	71.40	57.40	71.60

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:42:03	57.30	69.10	56.60	68.40
6/11/2025 11:42:04	56.90	68.00	56.20	67.80
6/11/2025 11:42:05	56.40	69.20	56.20	68.80
6/11/2025 11:42:06	56.20	67.40	55.50	68.10
6/11/2025 11:42:07	55.80	67.90	55.20	67.70
6/11/2025 11:42:08	55.50	68.00	55.40	68.00
6/11/2025 11:42:09	55.60	67.60	55.40	67.70
6/11/2025 11:42:10	55.60	67.60	55.60	68.10
6/11/2025 11:42:11	55.70	67.30	55.70	67.40
6/11/2025 11:42:12	55.40	67.90	54.80	67.30
6/11/2025 11:42:13	56.00	68.90	56.40	69.40
6/11/2025 11:42:14	56.50	70.10	56.50	69.90
6/11/2025 11:42:15	56.60	68.00	56.00	68.10
6/11/2025 11:42:16	56.20	68.30	56.30	68.30
6/11/2025 11:42:17	56.10	68.50	55.60	68.00
6/11/2025 11:42:18	56.10	68.40	56.20	67.80
6/11/2025 11:42:19	56.30	69.10	56.40	68.50
6/11/2025 11:42:20	56.90	80.70	56.60	80.40
6/11/2025 11:42:21	57.00	68.50	56.70	68.50
6/11/2025 11:42:22	56.60	68.40	56.40	68.50
6/11/2025 11:42:23	57.60	70.10	58.00	70.20
6/11/2025 11:42:24	58.90	71.80	59.20	71.60
6/11/2025 11:42:25	59.90	73.00	60.50	73.20
6/11/2025 11:42:26	60.00	72.20	60.00	72.50
6/11/2025 11:42:27	60.00	71.40	59.40	71.60
6/11/2025 11:42:28	59.70	70.30	59.00	70.10
6/11/2025 11:42:29	59.00	70.70	57.70	70.20
6/11/2025 11:42:30	58.30	69.30	57.20	69.70
6/11/2025 11:42:31	57.30	67.70	55.80	67.50
6/11/2025 11:42:32	56.50	67.60	56.00	67.80
6/11/2025 11:42:33	56.50	68.50	56.60	68.90
6/11/2025 11:42:34	56.70	69.40	56.70	68.70
6/11/2025 11:42:35	56.80	68.30	56.50	68.00
6/11/2025 11:42:36	56.80	69.40	56.80	69.00
6/11/2025 11:42:37	57.80	69.70	58.30	69.60
6/11/2025 11:42:38	57.70	69.70	57.70	69.70
6/11/2025 11:42:39	57.70	69.60	57.50	69.30
6/11/2025 11:42:40	57.90	69.70	57.80	70.00
6/11/2025 11:42:41	57.50	68.40	56.60	69.10
6/11/2025 11:42:42	57.20	68.70	57.10	68.90
6/11/2025 11:42:43	57.20	70.80	57.10	71.10
6/11/2025 11:42:44	57.40	70.10	57.60	69.80
6/11/2025 11:42:45	57.40	68.20	56.60	69.10
6/11/2025 11:42:46	57.10	68.90	57.00	68.60
6/11/2025 11:42:47	57.40	69.20	57.30	69.20
6/11/2025 11:42:48	57.00	67.50	56.10	68.10
6/11/2025 11:42:49	56.30	67.80	55.10	67.90
6/11/2025 11:42:50	55.50	66.70	54.50	66.70
6/11/2025 11:42:51	55.00	68.30	54.90	67.60
6/11/2025 11:42:52	54.80	66.50	54.60	66.60
6/11/2025 11:42:53	54.70	66.70	54.50	66.90

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:42:54	54.40	66.50	53.80	65.90
6/11/2025 11:42:55	58.00	71.50	58.20	71.90
6/11/2025 11:42:56	58.10	69.80	56.10	70.30
6/11/2025 11:42:57	56.50	67.00	54.90	66.90
6/11/2025 11:42:58	55.70	66.60	55.20	67.20
6/11/2025 11:42:59	55.70	69.60	55.60	69.60
6/11/2025 11:43:00	55.40	68.00	54.50	68.10
6/11/2025 11:43:01	54.80	68.10	54.10	67.90
6/11/2025 11:43:02	54.50	67.40	54.20	66.80
6/11/2025 11:43:03	57.40	72.90	57.60	72.80
6/11/2025 11:43:04	58.30	73.10	57.20	73.10
6/11/2025 11:43:05	56.80	71.80	54.90	72.10
6/11/2025 11:43:06	58.80	74.00	59.60	73.80
6/11/2025 11:43:07	58.90	72.10	57.30	72.30
6/11/2025 11:43:08	57.40	67.10	55.20	67.00
6/11/2025 11:43:09	56.10	67.10	54.90	67.60
6/11/2025 11:43:10	55.40	68.00	55.20	68.00
6/11/2025 11:43:11	55.40	66.50	54.90	67.10
6/11/2025 11:43:12	55.50	69.00	55.50	69.20
6/11/2025 11:43:13	56.00	70.00	56.10	69.80
6/11/2025 11:43:14	56.00	68.50	55.80	68.50
6/11/2025 11:43:15	58.10	73.40	58.30	73.30
6/11/2025 11:43:16	58.60	72.70	57.70	72.90
6/11/2025 11:43:17	57.60	66.40	54.60	66.00
6/11/2025 11:43:18	55.70	65.70	53.70	65.40
6/11/2025 11:43:19	55.80	69.70	55.30	69.60
6/11/2025 11:43:20	56.30	68.90	56.10	69.20
6/11/2025 11:43:21	55.50	66.40	54.50	66.50
6/11/2025 11:43:22	54.90	66.00	53.90	66.50
6/11/2025 11:43:23	54.50	67.00	54.40	67.10
6/11/2025 11:43:24	54.60	67.60	54.50	67.30
6/11/2025 11:43:25	59.20	75.40	59.20	75.10
6/11/2025 11:43:26	61.30	76.60	61.80	76.60
6/11/2025 11:43:27	60.90	72.00	58.90	71.60
6/11/2025 11:43:28	59.70	69.80	57.70	70.30
6/11/2025 11:43:29	58.40	68.70	56.50	68.60
6/11/2025 11:43:30	57.10	68.40	55.90	68.60
6/11/2025 11:43:31	57.00	69.70	57.10	70.10
6/11/2025 11:43:32	57.10	69.40	57.20	69.30
6/11/2025 11:43:33	57.30	70.30	57.30	69.40
6/11/2025 11:43:34	57.70	70.60	57.90	70.70
6/11/2025 11:43:35	58.20	78.90	58.10	78.60
6/11/2025 11:43:36	59.80	82.00	60.40	81.90
6/11/2025 11:43:37	61.60	75.20	62.00	75.30
6/11/2025 11:43:38	61.90	76.80	62.00	76.90
6/11/2025 11:43:39	61.90	73.70	60.90	73.80
6/11/2025 11:43:40	61.10	71.70	58.60	71.90
6/11/2025 11:43:41	59.50	70.50	58.10	70.10
6/11/2025 11:43:42	60.60	74.80	60.50	74.90
6/11/2025 11:43:43	62.60	76.00	63.20	75.90
6/11/2025 11:43:44	65.20	78.80	65.70	78.80

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:43:45	65.60	84.20	64.80	84.20
6/11/2025 11:43:46	64.40	73.00	59.40	72.90
6/11/2025 11:43:47	61.70	67.20	55.60	68.40
6/11/2025 11:43:48	58.80	65.20	53.10	65.70
6/11/2025 11:43:49	56.00	64.80	51.50	64.50
6/11/2025 11:43:50	53.70	68.30	49.80	68.30
6/11/2025 11:43:51	51.50	60.90	48.50	61.10
6/11/2025 11:43:52	49.90	60.90	48.30	61.70
6/11/2025 11:43:53	48.90	60.20	47.80	60.40
6/11/2025 11:43:54	48.20	61.80	48.00	62.30
6/11/2025 11:43:55	48.50	61.70	47.80	61.50
6/11/2025 11:43:56	47.90	62.70	47.30	63.50
6/11/2025 11:43:57	47.80	60.50	47.70	60.80
6/11/2025 11:43:58	47.70	59.80	47.20	60.20
6/11/2025 11:43:59	47.60	60.20	47.10	60.40
6/11/2025 11:44:00	47.50	60.10	47.40	60.10
6/11/2025 11:44:01	47.60	61.50	47.60	60.30
6/11/2025 11:44:02	47.80	61.50	47.70	61.00
6/11/2025 11:44:03	48.40	61.70	48.30	62.50
6/11/2025 11:44:04	48.50	60.60	48.50	61.00
6/11/2025 11:44:05	49.80	62.80	50.00	63.00
6/11/2025 11:44:06	49.70	62.70	48.90	62.00
6/11/2025 11:44:07	49.20	63.30	48.40	61.50
6/11/2025 11:44:08	48.90	61.10	48.60	61.40
6/11/2025 11:44:09	49.20	62.90	49.10	64.00
6/11/2025 11:44:10	49.90	63.30	50.10	62.60
6/11/2025 11:44:11	51.10	64.80	51.30	64.90
6/11/2025 11:44:12	53.60	68.40	53.80	68.30
6/11/2025 11:44:13	57.50	75.10	58.10	74.90
6/11/2025 11:44:14	60.10	73.10	60.70	72.70
6/11/2025 11:44:15	61.60	76.00	62.20	75.90
6/11/2025 11:44:16	61.60	73.40	60.90	73.50
6/11/2025 11:44:17	61.00	69.30	57.20	69.00
6/11/2025 11:44:18	58.70	66.90	54.10	66.70
6/11/2025 11:44:19	56.30	64.80	52.00	64.30
6/11/2025 11:44:20	53.90	63.80	50.00	64.10
6/11/2025 11:44:21	51.90	61.50	48.50	61.10
6/11/2025 11:44:22	50.00	60.80	47.70	60.30
6/11/2025 11:44:23	48.80	60.70	47.30	61.70
6/11/2025 11:44:24	47.90	59.70	47.00	60.40
6/11/2025 11:44:25	47.60	59.70	47.50	59.90
6/11/2025 11:44:26	47.40	59.90	47.10	60.20
6/11/2025 11:44:27	47.20	60.80	46.80	59.90
6/11/2025 11:44:28	47.40	60.50	47.30	61.10
6/11/2025 11:44:29	47.20	60.80	46.80	60.40
6/11/2025 11:44:30	47.10	59.30	46.70	60.10
6/11/2025 11:44:31	46.90	60.20	46.70	61.50
6/11/2025 11:44:32	46.90	60.40	46.90	59.70
6/11/2025 11:44:33	48.10	62.60	47.90	64.20
6/11/2025 11:44:34	48.40	60.80	48.60	62.30
6/11/2025 11:44:35	49.10	62.20	49.40	62.10

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:44:36	50.40	63.60	50.50	65.00
6/11/2025 11:44:37	53.20	67.50	53.80	67.10
6/11/2025 11:44:38	56.80	70.70	57.20	71.00
6/11/2025 11:44:39	61.00	74.30	61.60	74.60
6/11/2025 11:44:40	66.50	80.80	66.90	80.70
6/11/2025 11:44:41	67.50	81.30	67.50	81.20
6/11/2025 11:44:42	66.50	74.20	62.10	73.80
6/11/2025 11:44:43	64.10	71.30	58.00	71.40
6/11/2025 11:44:44	61.10	66.70	54.20	66.60
6/11/2025 11:44:45	58.00	64.90	51.80	65.00
6/11/2025 11:44:46	55.10	63.60	50.20	64.30
6/11/2025 11:44:47	52.70	62.60	50.10	62.70
6/11/2025 11:44:48	52.20	65.30	52.10	65.00
6/11/2025 11:44:49	54.50	74.60	54.70	74.90
6/11/2025 11:44:50	58.50	72.40	58.70	72.40
6/11/2025 11:44:51	62.70	78.50	63.10	78.60
6/11/2025 11:44:52	63.40	77.70	63.80	77.80
6/11/2025 11:44:53	62.80	71.60	59.30	71.30
6/11/2025 11:44:54	60.80	79.40	57.40	79.30
6/11/2025 11:44:55	58.70	65.00	52.50	63.90
6/11/2025 11:44:56	55.70	72.00	51.20	71.90
6/11/2025 11:44:57	53.50	64.30	50.40	64.60
6/11/2025 11:44:58	51.70	61.40	48.90	60.90
6/11/2025 11:44:59	50.20	65.60	48.60	64.90
6/11/2025 11:45:00	49.70	63.10	49.10	61.90
6/11/2025 11:45:01	49.00	60.50	48.00	60.40
6/11/2025 11:45:02	48.60	60.80	48.50	61.10
6/11/2025 11:45:03	49.00	62.30	49.10	62.70
6/11/2025 11:45:04	49.10	62.40	49.20	61.90
6/11/2025 11:45:05	49.10	60.90	48.50	60.90
6/11/2025 11:45:06	48.80	61.50	48.70	61.50
6/11/2025 11:45:07	49.00	62.90	48.80	62.70
6/11/2025 11:45:08	49.30	63.10	49.40	63.10
6/11/2025 11:45:09	49.40	61.60	49.40	62.50
6/11/2025 11:45:10	49.80	62.00	49.80	62.50
6/11/2025 11:45:11	50.90	64.70	50.90	64.80
6/11/2025 11:45:12	53.00	74.50	53.60	75.20
6/11/2025 11:45:13	54.20	69.30	54.80	69.20
6/11/2025 11:45:14	55.10	70.00	55.10	70.00
6/11/2025 11:45:15	58.20	72.00	58.70	72.10
6/11/2025 11:45:16	61.80	79.30	62.40	79.40
6/11/2025 11:45:17	64.20	78.00	64.50	78.00
6/11/2025 11:45:18	65.50	83.90	66.10	83.90
6/11/2025 11:45:19	65.40	79.70	63.70	79.60
6/11/2025 11:45:20	64.10	72.20	59.60	72.00
6/11/2025 11:45:21	61.60	70.00	56.50	69.70
6/11/2025 11:45:22	58.90	68.10	54.80	67.90
6/11/2025 11:45:23	56.80	68.90	54.00	68.60
6/11/2025 11:45:24	55.20	65.60	52.60	65.70
6/11/2025 11:45:25	53.70	77.10	51.90	76.90
6/11/2025 11:45:26	52.40	61.90	49.70	61.90

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:45:27	50.90	65.10	49.70	64.30
6/11/2025 11:45:28	50.30	61.50	49.20	61.40
6/11/2025 11:45:29	49.60	61.40	48.60	61.60
6/11/2025 11:45:30	50.30	63.80	50.70	63.90
6/11/2025 11:45:31	50.10	61.40	48.50	61.20
6/11/2025 11:45:32	49.10	61.10	47.70	61.60
6/11/2025 11:45:33	48.30	60.40	47.30	60.80
6/11/2025 11:45:34	47.70	60.30	47.20	59.80
6/11/2025 11:45:35	47.40	59.80	47.10	60.70
6/11/2025 11:45:36	47.30	61.00	47.00	60.20
6/11/2025 11:45:37	47.30	60.50	47.30	61.40
6/11/2025 11:45:38	47.30	61.20	47.00	60.30
6/11/2025 11:45:39	47.40	60.00	47.20	59.80
6/11/2025 11:45:40	47.80	61.50	47.40	61.50
6/11/2025 11:45:41	47.90	61.20	48.00	60.40
6/11/2025 11:45:42	47.70	60.60	47.20	60.10
6/11/2025 11:45:43	47.50	61.10	47.30	60.60
6/11/2025 11:45:44	47.60	60.40	47.50	60.00
6/11/2025 11:45:45	49.20	69.00	49.00	69.40
6/11/2025 11:45:46	48.90	60.50	48.10	60.70
6/11/2025 11:45:47	48.40	60.90	47.50	61.00
6/11/2025 11:45:48	48.10	60.90	47.90	60.10
6/11/2025 11:45:49	48.30	61.70	48.20	61.10
6/11/2025 11:45:50	48.10	60.60	47.40	59.70
6/11/2025 11:45:51	47.90	63.20	47.50	63.00
6/11/2025 11:45:52	47.50	60.30	47.20	59.50
6/11/2025 11:45:53	48.70	68.20	48.90	68.80
6/11/2025 11:45:54	48.70	66.90	47.30	67.00
6/11/2025 11:45:55	47.70	60.20	46.90	60.00
6/11/2025 11:45:56	47.30	60.00	47.00	60.50
6/11/2025 11:45:57	47.40	61.10	47.50	60.20
6/11/2025 11:45:58	47.50	60.10	47.60	60.00
6/11/2025 11:45:59	47.60	62.10	47.50	61.10
6/11/2025 11:46:00	47.50	60.80	47.30	60.90
6/11/2025 11:46:01	47.80	63.50	47.60	63.30
6/11/2025 11:46:02	48.10	62.70	48.20	62.50
6/11/2025 11:46:03	49.20	65.10	49.50	64.40
6/11/2025 11:46:04	48.90	61.00	47.10	60.00
6/11/2025 11:46:05	47.80	59.40	46.90	60.20
6/11/2025 11:46:06	48.30	66.70	48.60	66.90
6/11/2025 11:46:07	48.20	61.30	47.80	60.10
6/11/2025 11:46:08	48.50	61.80	48.40	62.30
6/11/2025 11:46:09	48.30	59.70	47.40	60.30
6/11/2025 11:46:10	47.70	60.70	46.90	60.00
6/11/2025 11:46:11	47.50	60.60	47.30	60.60
6/11/2025 11:46:12	47.50	65.30	47.10	64.60
6/11/2025 11:46:13	47.60	61.20	47.50	60.70
6/11/2025 11:46:14	47.40	60.00	47.20	60.20
6/11/2025 11:46:15	47.30	59.80	47.20	60.20
6/11/2025 11:46:16	47.70	60.80	47.80	60.10
6/11/2025 11:46:17	48.30	62.70	48.40	62.90

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:46:18	48.50	61.70	48.50	62.80
6/11/2025 11:46:19	48.70	61.50	48.40	60.80
6/11/2025 11:46:20	48.60	60.90	48.50	61.60
6/11/2025 11:46:21	48.40	61.40	47.90	60.40
6/11/2025 11:46:22	48.10	61.30	47.60	60.90
6/11/2025 11:46:23	47.70	60.30	47.10	60.20
6/11/2025 11:46:24	48.40	67.60	48.30	67.20
6/11/2025 11:46:25	48.40	62.70	48.20	61.10
6/11/2025 11:46:26	48.50	62.10	48.50	61.40
6/11/2025 11:46:27	48.90	63.30	49.10	62.30
6/11/2025 11:46:28	48.90	61.10	48.40	61.20
6/11/2025 11:46:29	48.50	60.70	47.70	60.70
6/11/2025 11:46:30	47.80	59.50	47.10	60.90
6/11/2025 11:46:31	47.70	60.90	47.70	61.30
6/11/2025 11:46:32	48.10	62.50	48.20	62.60
6/11/2025 11:46:33	48.00	60.40	47.40	62.40
6/11/2025 11:46:34	48.00	62.40	48.10	62.00
6/11/2025 11:46:35	47.80	60.00	47.20	59.30
6/11/2025 11:46:36	47.60	60.60	47.60	60.30
6/11/2025 11:46:37	48.10	65.90	48.10	65.60
6/11/2025 11:46:38	48.00	59.30	47.30	60.50
6/11/2025 11:46:39	47.60	60.80	47.30	60.10
6/11/2025 11:46:40	47.60	61.30	47.60	60.50
6/11/2025 11:46:41	48.10	64.60	48.20	63.70
6/11/2025 11:46:42	48.60	62.10	48.40	61.90
6/11/2025 11:46:43	48.90	62.00	49.20	61.50
6/11/2025 11:46:44	50.60	71.40	50.20	71.30
6/11/2025 11:46:45	50.60	63.60	49.80	62.50
6/11/2025 11:46:46	49.80	63.70	49.40	62.40
6/11/2025 11:46:47	49.80	62.30	49.80	62.70
6/11/2025 11:46:48	49.80	62.40	49.20	61.70
6/11/2025 11:46:49	49.60	63.70	49.60	63.60
6/11/2025 11:46:50	50.10	63.40	50.10	62.90
6/11/2025 11:46:51	50.10	63.70	50.00	63.30
6/11/2025 11:46:52	50.20	64.20	50.10	63.50
6/11/2025 11:46:53	52.30	68.10	52.50	69.10
6/11/2025 11:46:54	53.40	68.00	53.20	68.60
6/11/2025 11:46:55	52.60	65.10	51.90	64.50
6/11/2025 11:46:56	53.50	67.10	53.50	67.40
6/11/2025 11:46:57	56.00	69.60	56.40	69.50
6/11/2025 11:46:58	60.70	79.10	61.00	78.90
6/11/2025 11:46:59	65.90	82.00	66.70	82.00
6/11/2025 11:47:00	66.30	81.60	66.50	81.50
6/11/2025 11:47:01	67.10	83.60	67.30	83.50
6/11/2025 11:47:02	66.90	76.50	63.70	76.50
6/11/2025 11:47:03	64.80	77.30	61.00	77.10
6/11/2025 11:47:04	62.70	73.00	58.70	73.40
6/11/2025 11:47:05	60.30	67.60	55.20	67.20
6/11/2025 11:47:06	57.80	68.00	54.70	68.10
6/11/2025 11:47:07	56.10	68.80	54.80	68.40
6/11/2025 11:47:08	55.60	69.00	55.30	69.10

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:47:09	56.70	70.30	57.00	69.70
6/11/2025 11:47:10	58.10	73.20	58.40	73.30
6/11/2025 11:47:11	60.20	75.30	60.80	75.20
6/11/2025 11:47:12	60.50	71.70	60.50	71.80
6/11/2025 11:47:13	60.70	73.30	60.90	73.10
6/11/2025 11:47:14	60.90	74.00	60.70	73.50
6/11/2025 11:47:15	60.60	72.40	58.90	72.10
6/11/2025 11:47:16	59.40	69.60	57.40	69.30
6/11/2025 11:47:17	58.20	68.90	56.80	68.70
6/11/2025 11:47:18	59.00	73.40	58.90	73.50
6/11/2025 11:47:19	63.00	81.20	63.50	81.20
6/11/2025 11:47:20	69.00	86.60	69.20	86.70
6/11/2025 11:47:21	69.50	88.80	68.90	88.80
6/11/2025 11:47:22	68.20	79.10	63.40	79.10
6/11/2025 11:47:23	65.50	77.00	58.50	76.90
6/11/2025 11:47:24	62.40	69.40	56.00	69.10
6/11/2025 11:47:25	59.50	70.00	55.20	70.00
6/11/2025 11:47:26	57.40	70.80	56.90	70.90
6/11/2025 11:47:27	58.80	72.10	58.90	72.40
6/11/2025 11:47:28	61.10	75.10	61.80	75.50
6/11/2025 11:47:29	61.30	72.90	60.60	72.60
6/11/2025 11:47:30	60.60	74.30	58.50	74.20
6/11/2025 11:47:31	59.00	72.20	56.20	71.90
6/11/2025 11:47:32	57.30	66.30	53.20	66.30
6/11/2025 11:47:33	55.10	64.70	51.30	64.70
6/11/2025 11:47:34	52.90	63.10	50.20	63.00
6/11/2025 11:47:35	51.40	63.30	49.70	63.50
6/11/2025 11:47:36	50.30	64.10	49.00	63.20
6/11/2025 11:47:37	49.50	60.80	48.10	60.80
6/11/2025 11:47:38	48.60	60.90	47.90	61.10
6/11/2025 11:47:39	48.20	60.90	47.20	59.60
6/11/2025 11:47:40	47.80	61.70	47.60	61.00
6/11/2025 11:47:41	50.10	67.70	49.90	67.40
6/11/2025 11:47:42	48.90	61.60	47.30	61.10
6/11/2025 11:47:43	48.40	62.60	48.00	62.10
6/11/2025 11:47:44	47.90	59.90	47.10	61.00
6/11/2025 11:47:45	47.60	61.00	47.40	60.40
6/11/2025 11:47:46	47.70	62.30	47.80	60.60
6/11/2025 11:47:47	47.80	60.90	47.60	62.30
6/11/2025 11:47:48	47.50	59.90	47.10	59.90
6/11/2025 11:47:49	47.30	59.60	47.10	59.90
6/11/2025 11:47:50	47.30	60.20	46.90	60.30
6/11/2025 11:47:51	47.10	59.80	47.00	59.90
6/11/2025 11:47:52	47.30	60.30	47.20	60.60
6/11/2025 11:47:53	47.20	59.90	46.90	59.80
6/11/2025 11:47:54	47.10	60.70	46.90	59.80
6/11/2025 11:47:55	47.80	61.40	47.90	61.60
6/11/2025 11:47:56	48.40	62.50	48.50	61.30
6/11/2025 11:47:57	50.70	66.20	51.00	66.50
6/11/2025 11:47:58	54.70	74.60	55.20	74.30
6/11/2025 11:47:59	59.30	78.90	59.40	78.90

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:48:00	64.90	80.80	65.40	80.70
6/11/2025 11:48:01	69.20	84.90	70.20	84.90
6/11/2025 11:48:02	69.20	80.10	67.90	79.90
6/11/2025 11:48:03	67.90	74.70	62.10	74.70
6/11/2025 11:48:04	64.90	69.70	56.90	69.90
6/11/2025 11:48:05	61.60	68.80	53.90	68.50
6/11/2025 11:48:06	58.30	72.20	50.20	71.90
6/11/2025 11:48:07	59.00	80.40	58.40	80.30
6/11/2025 11:48:08	57.00	59.50	48.00	60.50
6/11/2025 11:48:09	53.60	60.80	48.20	62.30
6/11/2025 11:48:10	51.00	61.50	48.40	61.20
6/11/2025 11:48:11	49.70	61.60	48.60	61.40
6/11/2025 11:48:12	49.10	61.60	48.30	61.10
6/11/2025 11:48:13	48.60	60.20	47.40	60.40
6/11/2025 11:48:14	47.80	59.70	46.80	60.90
6/11/2025 11:48:15	47.10	59.00	46.40	58.90
6/11/2025 11:48:16	46.80	58.80	46.50	59.30
6/11/2025 11:48:17	46.60	60.70	46.40	59.80
6/11/2025 11:48:18	46.50	59.70	46.40	59.10
6/11/2025 11:48:19	46.50	58.60	46.20	58.70
6/11/2025 11:48:20	48.20	66.90	47.50	67.00
6/11/2025 11:48:21	55.90	73.80	57.20	74.10
6/11/2025 11:48:22	56.40	72.90	52.90	72.70
6/11/2025 11:48:23	53.50	72.50	50.00	72.80
6/11/2025 11:48:24	57.20	73.40	58.40	73.40
6/11/2025 11:48:25	57.30	71.60	57.40	71.80
6/11/2025 11:48:26	57.30	72.40	57.30	72.10
6/11/2025 11:48:27	57.10	73.50	56.30	73.30
6/11/2025 11:48:28	57.80	74.00	58.10	74.10
6/11/2025 11:48:29	58.10	73.90	58.30	73.60
6/11/2025 11:48:30	58.10	73.30	58.10	73.00
6/11/2025 11:48:31	58.10	73.30	58.00	73.50
6/11/2025 11:48:32	58.50	75.00	58.40	74.60
6/11/2025 11:48:33	58.10	61.60	50.50	61.20
6/11/2025 11:48:34	55.10	72.90	52.80	72.50
6/11/2025 11:48:35	57.00	72.40	57.90	72.70
6/11/2025 11:48:36	57.70	73.70	58.00	73.50
6/11/2025 11:48:37	57.70	72.40	57.70	72.60
6/11/2025 11:48:38	57.70	74.00	57.60	74.20
6/11/2025 11:48:39	57.60	72.10	54.60	72.60
6/11/2025 11:48:40	55.30	60.60	47.90	61.90
6/11/2025 11:48:41	52.30	63.10	49.60	63.00
6/11/2025 11:48:42	57.00	74.90	57.40	74.70
6/11/2025 11:48:43	59.10	74.80	59.90	74.60
6/11/2025 11:48:44	66.70	82.70	68.00	82.80
6/11/2025 11:48:45	67.60	83.70	67.40	83.80
6/11/2025 11:48:46	68.50	83.60	68.70	83.80
6/11/2025 11:48:47	70.00	83.50	70.30	83.40
6/11/2025 11:48:48	70.90	84.40	71.20	84.30
6/11/2025 11:48:49	70.70	84.50	68.60	84.40
6/11/2025 11:48:50	69.30	82.60	68.40	82.60

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:48:51	69.00	81.30	68.60	81.40
6/11/2025 11:48:52	69.20	83.60	68.60	83.70
6/11/2025 11:48:53	68.80	82.50	66.70	82.50
6/11/2025 11:48:54	67.70	81.60	65.90	81.40
6/11/2025 11:48:55	66.50	81.20	65.40	81.10
6/11/2025 11:48:56	65.50	77.50	63.80	77.60
6/11/2025 11:48:57	64.60	78.50	63.90	78.70
6/11/2025 11:48:58	64.10	76.70	62.50	76.80
6/11/2025 11:48:59	63.00	76.10	61.70	75.90
6/11/2025 11:49:00	64.50	79.80	65.00	79.70
6/11/2025 11:49:01	65.30	80.60	65.10	80.70
6/11/2025 11:49:02	65.40	78.30	65.40	78.10
6/11/2025 11:49:03	65.70	79.80	65.70	79.60
6/11/2025 11:49:04	67.60	82.00	67.80	81.80
6/11/2025 11:49:05	72.40	88.50	73.00	88.50
6/11/2025 11:49:06	72.40	83.40	70.30	83.20
6/11/2025 11:49:07	70.60	77.20	63.50	77.40
6/11/2025 11:49:08	67.30	74.40	59.10	74.20
6/11/2025 11:49:09	64.10	77.50	63.10	77.40
6/11/2025 11:49:10	67.30	81.70	67.60	81.80
6/11/2025 11:49:11	68.20	82.40	68.40	82.40
6/11/2025 11:49:12	68.60	83.70	68.80	83.60
6/11/2025 11:49:13	69.50	85.40	68.90	85.40
6/11/2025 11:49:14	68.90	82.70	68.30	82.60
6/11/2025 11:49:15	69.00	82.10	68.90	82.00
6/11/2025 11:49:16	69.90	84.50	69.40	84.60
6/11/2025 11:49:17	68.80	81.10	67.60	81.20
6/11/2025 11:49:18	68.10	81.90	65.20	81.70
6/11/2025 11:49:19	67.10	82.00	67.10	82.00
6/11/2025 11:49:20	68.20	82.70	68.20	82.50
6/11/2025 11:49:21	70.80	87.00	71.10	87.00
6/11/2025 11:49:22	71.00	86.30	70.70	86.20
6/11/2025 11:49:23	70.90	83.30	68.30	83.40
6/11/2025 11:49:24	69.10	80.90	67.20	80.90
6/11/2025 11:49:25	67.80	80.70	65.20	80.50
6/11/2025 11:49:26	66.30	78.70	65.20	78.60
6/11/2025 11:49:27	65.80	77.30	64.30	77.10
6/11/2025 11:49:28	64.40	70.70	58.90	71.10
6/11/2025 11:49:29	61.70	71.90	59.10	72.00
6/11/2025 11:49:30	60.30	71.30	59.10	72.10
6/11/2025 11:49:31	59.80	72.10	59.80	72.30
6/11/2025 11:49:32	59.90	70.80	58.80	70.90
6/11/2025 11:49:33	59.80	77.30	60.00	77.20
6/11/2025 11:49:34	59.70	71.80	59.50	71.90
6/11/2025 11:49:35	60.40	73.20	60.40	73.30
6/11/2025 11:49:36	60.70	73.60	60.50	73.70
6/11/2025 11:49:37	60.30	71.00	59.60	71.90
6/11/2025 11:49:38	59.70	71.90	59.30	72.30
6/11/2025 11:49:39	59.50	72.40	58.80	71.50
6/11/2025 11:49:40	59.30	70.70	59.20	70.50
6/11/2025 11:49:41	59.30	71.70	59.20	72.00

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:49:42	59.50	71.60	59.50	71.00
6/11/2025 11:49:43	59.60	71.90	59.50	72.00
6/11/2025 11:49:44	59.40	71.80	58.40	71.80
6/11/2025 11:49:45	59.00	71.60	58.90	71.30
6/11/2025 11:49:46	59.60	71.90	59.60	71.90
6/11/2025 11:49:47	59.70	70.90	59.60	70.80
6/11/2025 11:49:48	59.50	70.90	59.30	71.70
6/11/2025 11:49:49	59.40	70.90	58.50	71.00
6/11/2025 11:49:50	58.70	69.60	57.50	69.40
6/11/2025 11:49:51	58.50	70.70	58.20	70.80
6/11/2025 11:49:52	60.50	74.10	60.80	73.70
6/11/2025 11:49:53	63.50	77.00	64.00	76.70
6/11/2025 11:49:54	66.80	81.20	67.30	81.20
6/11/2025 11:49:55	68.50	81.30	69.00	81.20
6/11/2025 11:49:56	69.40	82.30	69.50	82.20
6/11/2025 11:49:57	68.80	77.50	65.70	77.60
6/11/2025 11:49:58	69.50	85.10	69.40	85.00
6/11/2025 11:49:59	69.50	80.20	68.30	80.30
6/11/2025 11:50:00	68.30	76.30	64.60	75.90
6/11/2025 11:50:01	66.10	74.90	61.40	74.80
6/11/2025 11:50:02	63.70	75.00	62.60	74.70
6/11/2025 11:50:03	66.10	81.30	66.30	81.20
6/11/2025 11:50:04	70.30	83.30	70.60	83.20
6/11/2025 11:50:05	72.00	86.30	73.00	86.20
6/11/2025 11:50:06	71.80	82.20	67.80	82.20
6/11/2025 11:50:07	69.20	74.20	61.80	74.60
6/11/2025 11:50:08	66.00	71.80	59.10	72.20
6/11/2025 11:50:09	62.90	72.40	58.60	71.60
6/11/2025 11:50:10	61.80	77.30	61.50	77.60
6/11/2025 11:50:11	63.30	76.60	63.80	76.50
6/11/2025 11:50:12	64.00	77.50	64.40	77.40
6/11/2025 11:50:13	64.00	77.10	63.50	77.10
6/11/2025 11:50:14	63.40	72.50	59.70	72.20
6/11/2025 11:50:15	61.10	73.90	56.10	74.20
6/11/2025 11:50:16	58.70	68.30	55.20	68.50
6/11/2025 11:50:17	56.70	66.30	53.50	65.90
6/11/2025 11:50:18	54.80	65.20	52.40	66.20
6/11/2025 11:50:19	53.50	65.40	52.00	64.60
6/11/2025 11:50:20	52.50	66.70	51.80	66.20
6/11/2025 11:50:21	52.10	64.30	51.00	64.70
6/11/2025 11:50:22	51.40	65.00	51.10	65.30
6/11/2025 11:50:23	51.40	62.60	50.20	63.00
6/11/2025 11:50:24	50.40	64.70	48.70	64.90
6/11/2025 11:50:25	49.70	80.40	48.80	80.20
6/11/2025 11:50:26	49.10	61.20	48.00	60.80
6/11/2025 11:50:27	48.50	60.60	47.60	59.80
6/11/2025 11:50:28	47.90	60.20	47.70	60.50
6/11/2025 11:50:29	48.60	61.60	48.80	62.90
6/11/2025 11:50:30	48.30	60.50	47.90	61.60
6/11/2025 11:50:31	48.00	67.50	47.90	66.40
6/11/2025 11:50:32	48.30	66.50	48.20	66.20

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:50:33	48.90	61.60	48.90	61.30
6/11/2025 11:50:34	51.10	65.40	51.30	64.90
6/11/2025 11:50:35	55.20	70.10	55.50	70.20
6/11/2025 11:50:36	59.60	75.90	60.20	75.90
6/11/2025 11:50:37	66.50	84.20	66.60	84.10
6/11/2025 11:50:38	69.10	89.70	70.30	89.70
6/11/2025 11:50:39	68.70	77.70	64.60	77.50
6/11/2025 11:50:40	66.20	71.30	58.50	71.00
6/11/2025 11:50:41	62.80	68.30	53.90	68.60
6/11/2025 11:50:42	59.30	64.00	50.80	63.20
6/11/2025 11:50:43	55.80	63.70	49.40	63.70
6/11/2025 11:50:44	52.90	61.80	49.00	62.40
6/11/2025 11:50:45	50.90	67.30	49.50	67.00
6/11/2025 11:50:46	50.00	60.30	48.30	62.20
6/11/2025 11:50:47	49.00	60.10	47.90	60.60
6/11/2025 11:50:48	48.40	60.30	47.70	61.50
6/11/2025 11:50:49	47.90	59.50	47.40	59.90
6/11/2025 11:50:50	47.60	59.60	47.20	60.20
6/11/2025 11:50:51	47.60	60.60	47.40	60.90
6/11/2025 11:50:52	47.50	62.30	46.90	62.90
6/11/2025 11:50:53	48.10	69.70	47.50	68.90
6/11/2025 11:50:54	48.20	59.00	47.60	60.80
6/11/2025 11:50:55	47.70	60.10	47.30	60.20
6/11/2025 11:50:56	47.40	59.50	47.00	59.30
6/11/2025 11:50:57	47.40	60.00	47.40	59.40
6/11/2025 11:50:58	47.50	65.60	47.10	65.00
6/11/2025 11:50:59	47.20	59.50	47.00	59.60
6/11/2025 11:51:00	47.30	59.80	47.20	60.20
6/11/2025 11:51:01	47.40	60.60	47.30	60.90
6/11/2025 11:51:02	47.40	60.20	47.10	59.10
6/11/2025 11:51:03	47.40	65.60	47.40	65.00
6/11/2025 11:51:04	47.80	61.40	47.60	62.20
6/11/2025 11:51:05	48.20	60.90	48.30	61.30
6/11/2025 11:51:06	48.20	59.60	47.80	59.70
6/11/2025 11:51:07	47.70	61.10	47.50	60.50
6/11/2025 11:51:08	47.80	61.40	47.70	60.90
6/11/2025 11:51:09	48.10	62.10	48.20	61.20
6/11/2025 11:51:10	48.20	61.20	48.20	61.90
6/11/2025 11:51:11	48.40	64.60	48.00	65.10
6/11/2025 11:51:12	48.60	63.00	48.40	62.30
6/11/2025 11:51:13	48.80	62.80	48.80	62.50
6/11/2025 11:51:14	48.70	66.50	47.90	65.70
6/11/2025 11:51:15	48.20	64.50	47.60	65.30
6/11/2025 11:51:16	48.00	60.70	47.80	61.00
6/11/2025 11:51:17	47.90	60.40	47.70	60.10
6/11/2025 11:51:18	48.00	60.90	47.90	61.70
6/11/2025 11:51:19	48.00	61.50	47.80	60.50
6/11/2025 11:51:20	47.70	60.40	47.60	60.10
6/11/2025 11:51:21	48.00	60.60	47.90	61.10
6/11/2025 11:51:22	48.20	60.80	48.20	62.80
6/11/2025 11:51:23	48.30	61.60	48.30	61.30

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:51:24	48.40	61.20	48.30	60.80
6/11/2025 11:51:25	48.60	61.40	48.50	61.60
6/11/2025 11:51:26	48.70	61.20	48.70	61.20
6/11/2025 11:51:27	48.90	61.40	48.80	61.30
6/11/2025 11:51:28	49.60	70.10	49.60	70.00
6/11/2025 11:51:29	50.60	63.10	50.70	64.00
6/11/2025 11:51:30	53.30	67.50	53.70	67.70
6/11/2025 11:51:31	57.20	72.80	57.70	73.20
6/11/2025 11:51:32	61.70	75.80	62.20	75.70
6/11/2025 11:51:33	66.10	79.90	66.40	79.60
6/11/2025 11:51:34	70.30	84.40	71.30	84.30
6/11/2025 11:51:35	70.40	82.50	69.60	82.50
6/11/2025 11:51:36	69.40	78.50	64.10	78.60
6/11/2025 11:51:37	66.50	71.60	59.00	71.00
6/11/2025 11:51:38	63.20	68.80	55.30	68.80
6/11/2025 11:51:39	59.90	71.50	53.80	71.60
6/11/2025 11:51:40	57.00	63.30	50.60	62.70
6/11/2025 11:51:41	54.10	64.20	50.10	63.90
6/11/2025 11:51:42	52.10	62.60	49.90	62.20
6/11/2025 11:51:43	50.80	62.50	49.60	62.20
6/11/2025 11:51:44	50.10	60.60	48.60	61.50
6/11/2025 11:51:45	49.10	60.40	47.90	60.80
6/11/2025 11:51:46	48.40	60.00	47.90	60.30
6/11/2025 11:51:47	48.20	60.80	47.90	61.00
6/11/2025 11:51:48	48.20	60.40	47.80	61.00
6/11/2025 11:51:49	48.10	62.70	48.20	62.40
6/11/2025 11:51:50	48.10	61.20	47.70	60.00
6/11/2025 11:51:51	47.70	61.20	47.40	60.80
6/11/2025 11:51:52	47.70	59.90	47.60	59.90
6/11/2025 11:51:53	47.90	60.40	47.80	61.80
6/11/2025 11:51:54	48.40	63.70	48.30	63.70
6/11/2025 11:51:55	48.00	61.00	47.60	61.50
6/11/2025 11:51:56	47.80	60.60	47.30	60.20
6/11/2025 11:51:57	47.50	59.90	47.00	59.60
6/11/2025 11:51:58	47.50	61.20	47.50	60.00
6/11/2025 11:51:59	47.60	61.10	47.50	60.40
6/11/2025 11:52:00	48.60	61.60	48.70	61.50
6/11/2025 11:52:01	48.80	61.60	48.80	61.20
6/11/2025 11:52:02	49.80	62.90	49.80	63.50
6/11/2025 11:52:03	49.90	62.10	49.80	61.80
6/11/2025 11:52:04	49.70	61.50	48.20	60.40
6/11/2025 11:52:05	48.70	60.90	47.30	59.70
6/11/2025 11:52:06	47.90	60.40	47.70	60.30
6/11/2025 11:52:07	47.80	60.70	47.50	60.80
6/11/2025 11:52:08	47.80	61.00	47.70	60.60
6/11/2025 11:52:09	47.90	60.90	47.70	60.00
6/11/2025 11:52:10	48.10	61.30	48.00	60.90
6/11/2025 11:52:11	47.90	59.10	46.70	60.40
6/11/2025 11:52:12	47.20	60.40	47.00	60.10
6/11/2025 11:52:13	47.80	63.40	47.60	63.40
6/11/2025 11:52:14	50.20	64.80	50.20	65.40

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:52:15	51.00	64.60	50.80	65.30
6/11/2025 11:52:16	51.30	65.30	50.90	64.80
6/11/2025 11:52:17	51.20	66.20	51.00	65.70
6/11/2025 11:52:18	51.40	65.30	50.90	65.70
6/11/2025 11:52:19	51.40	65.40	50.60	65.20
6/11/2025 11:52:20	52.30	66.60	52.10	65.90
6/11/2025 11:52:21	52.30	66.70	51.70	66.80
6/11/2025 11:52:22	51.80	64.90	50.40	65.30
6/11/2025 11:52:23	51.60	64.40	51.10	65.00
6/11/2025 11:52:24	51.40	64.50	50.40	64.70
6/11/2025 11:52:25	50.60	62.90	49.00	63.00
6/11/2025 11:52:26	50.00	64.20	49.50	63.80
6/11/2025 11:52:27	51.00	65.80	51.20	64.80
6/11/2025 11:52:28	51.00	64.00	50.30	64.60
6/11/2025 11:52:29	50.90	64.10	50.30	64.90
6/11/2025 11:52:30	50.80	63.50	50.50	63.10
6/11/2025 11:52:31	50.50	63.70	49.80	62.90
6/11/2025 11:52:32	50.60	65.10	50.10	64.80
6/11/2025 11:52:33	50.80	65.00	50.80	64.90
6/11/2025 11:52:34	50.80	61.80	48.40	61.10
6/11/2025 11:52:35	49.10	61.40	48.20	62.00
6/11/2025 11:52:36	48.60	60.10	48.00	60.90
6/11/2025 11:52:37	48.30	60.80	47.40	59.50
6/11/2025 11:52:38	47.60	59.30	46.60	60.10
6/11/2025 11:52:39	47.10	59.80	46.90	59.40
6/11/2025 11:52:40	47.10	58.70	46.80	61.80
6/11/2025 11:52:41	47.00	60.10	47.00	59.20
6/11/2025 11:52:42	46.90	59.20	46.50	59.10
6/11/2025 11:52:43	46.80	59.30	46.60	59.50
6/11/2025 11:52:44	46.70	58.30	46.60	59.50
6/11/2025 11:52:45	46.80	59.70	46.70	59.90
6/11/2025 11:52:46	46.80	59.60	46.70	59.50
6/11/2025 11:52:47	46.90	60.60	46.90	60.70
6/11/2025 11:52:48	46.90	59.40	46.80	59.60
6/11/2025 11:52:49	47.20	60.80	47.40	60.50
6/11/2025 11:52:50	47.40	60.70	47.40	60.80
6/11/2025 11:52:51	47.50	59.60	47.50	59.80
6/11/2025 11:52:52	47.60	60.40	47.60	61.10
6/11/2025 11:52:53	47.60	59.80	47.30	61.20
6/11/2025 11:52:54	47.40	59.90	47.20	59.60
6/11/2025 11:52:55	47.20	59.50	46.90	59.00
6/11/2025 11:52:56	47.20	60.50	46.80	60.30
6/11/2025 11:52:57	47.10	62.60	47.10	62.60
6/11/2025 11:52:58	47.30	60.00	47.30	60.40
6/11/2025 11:52:59	47.20	60.00	47.00	60.30
6/11/2025 11:53:00	47.20	60.00	47.10	60.10
6/11/2025 11:53:01	47.50	61.00	47.60	60.90
6/11/2025 11:53:02	47.40	59.50	47.00	59.10
6/11/2025 11:53:03	47.00	59.90	46.50	59.30
6/11/2025 11:53:04	47.00	63.10	47.00	63.10
6/11/2025 11:53:05	47.00	60.90	47.00	59.50

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:53:06	47.10	59.70	47.00	59.90
6/11/2025 11:53:07	47.20	60.40	47.20	61.00
6/11/2025 11:53:08	47.10	60.00	47.10	59.90
6/11/2025 11:53:09	47.20	60.40	46.80	60.00
6/11/2025 11:53:10	47.90	62.00	47.70	61.80
6/11/2025 11:53:11	48.50	60.90	48.90	61.50
6/11/2025 11:53:12	48.50	62.00	47.70	62.10
6/11/2025 11:53:13	48.10	62.00	48.00	63.80
6/11/2025 11:53:14	48.10	60.20	47.80	60.10
6/11/2025 11:53:15	47.90	60.30	47.10	61.40
6/11/2025 11:53:16	47.40	66.70	46.90	66.30
6/11/2025 11:53:17	47.50	60.10	47.40	59.80
6/11/2025 11:53:18	47.50	59.90	47.30	59.80
6/11/2025 11:53:19	47.80	60.30	47.90	61.00
6/11/2025 11:53:20	47.70	60.40	47.20	59.80
6/11/2025 11:53:21	47.50	60.10	47.40	59.80
6/11/2025 11:53:22	47.50	61.10	47.30	59.80
6/11/2025 11:53:23	47.60	62.00	47.40	60.50
6/11/2025 11:53:24	48.10	63.60	47.80	63.80
6/11/2025 11:53:25	48.20	62.80	47.80	63.90
6/11/2025 11:53:26	47.80	61.00	47.60	61.10
6/11/2025 11:53:27	47.60	59.50	47.00	60.10
6/11/2025 11:53:28	47.40	60.10	47.20	60.20
6/11/2025 11:53:29	47.70	64.80	47.60	65.50
6/11/2025 11:53:30	49.30	65.00	49.20	65.80
6/11/2025 11:53:31	49.10	61.00	48.20	61.00
6/11/2025 11:53:32	48.80	61.90	48.60	61.00
6/11/2025 11:53:33	48.50	61.20	48.30	60.50
6/11/2025 11:53:34	48.40	60.60	47.90	61.30
6/11/2025 11:53:35	48.10	60.70	47.80	62.30
6/11/2025 11:53:36	48.00	60.80	48.00	61.00
6/11/2025 11:53:37	48.10	60.60	48.10	61.10
6/11/2025 11:53:38	48.20	60.10	47.80	60.40
6/11/2025 11:53:39	48.00	60.60	47.80	61.80
6/11/2025 11:53:40	48.00	61.50	47.90	60.70
6/11/2025 11:53:41	47.90	61.10	47.80	60.60
6/11/2025 11:53:42	48.10	60.80	48.00	60.80
6/11/2025 11:53:43	48.10	60.10	48.00	60.70
6/11/2025 11:53:44	50.30	65.40	50.00	65.30
6/11/2025 11:53:45	50.20	60.70	48.30	60.80
6/11/2025 11:53:46	48.80	62.00	47.50	61.40
6/11/2025 11:53:47	48.40	61.80	48.10	61.00
6/11/2025 11:53:48	48.10	60.10	47.20	59.30
6/11/2025 11:53:49	47.60	60.50	47.20	60.70
6/11/2025 11:53:50	47.70	61.50	47.70	60.50
6/11/2025 11:53:51	47.60	59.30	47.30	60.10
6/11/2025 11:53:52	48.00	69.60	48.00	69.90
6/11/2025 11:53:53	48.00	59.80	47.70	60.30
6/11/2025 11:53:54	47.80	62.40	47.40	60.20
6/11/2025 11:53:55	48.00	61.90	48.20	62.40
6/11/2025 11:53:56	47.90	60.20	47.30	60.10

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:53:57	47.70	59.50	47.10	59.90
6/11/2025 11:53:58	47.30	60.30	47.20	60.70
6/11/2025 11:53:59	47.50	60.00	47.60	59.90
6/11/2025 11:54:00	47.80	64.50	47.70	65.90
6/11/2025 11:54:01	47.70	60.00	47.20	60.10
6/11/2025 11:54:02	47.40	60.40	47.20	60.00
6/11/2025 11:54:03	47.70	61.20	47.40	61.20
6/11/2025 11:54:04	48.30	63.10	48.70	63.80
6/11/2025 11:54:05	48.20	59.70	47.00	59.90
6/11/2025 11:54:06	47.80	60.60	47.50	61.00
6/11/2025 11:54:07	47.40	59.70	47.20	60.80
6/11/2025 11:54:08	47.50	61.20	47.30	60.10
6/11/2025 11:54:09	47.40	59.50	47.20	59.40
6/11/2025 11:54:10	47.40	59.60	47.00	59.90
6/11/2025 11:54:11	47.60	62.10	47.30	61.70
6/11/2025 11:54:12	47.60	60.80	47.10	60.80
6/11/2025 11:54:13	47.60	62.10	47.20	61.20
6/11/2025 11:54:14	47.90	60.80	48.10	61.90
6/11/2025 11:54:15	48.00	63.50	47.80	64.50
6/11/2025 11:54:16	48.00	60.80	47.50	60.80
6/11/2025 11:54:17	47.60	61.40	47.40	60.90
6/11/2025 11:54:18	47.60	61.50	47.40	60.20
6/11/2025 11:54:19	47.60	60.60	47.30	60.90
6/11/2025 11:54:20	47.50	60.60	47.30	60.80
6/11/2025 11:54:21	47.40	61.10	47.20	61.20
6/11/2025 11:54:22	47.50	59.90	47.20	60.10
6/11/2025 11:54:23	47.40	60.50	47.30	59.90
6/11/2025 11:54:24	48.20	62.50	48.60	62.40
6/11/2025 11:54:25	48.20	60.20	47.30	60.20
6/11/2025 11:54:26	48.00	61.00	48.00	61.70
6/11/2025 11:54:27	48.40	61.50	48.20	61.70
6/11/2025 11:54:28	48.40	61.90	47.90	62.20
6/11/2025 11:54:29	48.30	63.50	48.00	61.60
6/11/2025 11:54:30	48.50	62.20	48.50	62.30
6/11/2025 11:54:31	48.40	60.60	47.50	61.00
6/11/2025 11:54:32	47.90	59.90	47.50	60.10
6/11/2025 11:54:33	47.70	61.20	47.40	61.40
6/11/2025 11:54:34	47.70	60.10	47.60	60.60
6/11/2025 11:54:35	48.30	60.60	48.30	61.10
6/11/2025 11:54:36	49.10	62.00	49.20	61.60
6/11/2025 11:54:37	51.90	65.80	52.30	65.40
6/11/2025 11:54:38	52.20	64.40	52.00	63.80
6/11/2025 11:54:39	52.70	66.60	52.10	66.30
6/11/2025 11:54:40	52.80	64.50	50.60	64.20
6/11/2025 11:54:41	51.00	61.80	48.50	61.60
6/11/2025 11:54:42	49.90	63.10	49.60	62.50
6/11/2025 11:54:43	49.70	61.20	48.70	61.10
6/11/2025 11:54:44	49.10	62.10	48.70	62.40
6/11/2025 11:54:45	49.00	61.20	48.60	60.80
6/11/2025 11:54:46	48.50	60.90	47.60	61.10
6/11/2025 11:54:47	48.70	64.30	48.30	64.30

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:54:48	49.20	63.50	49.50	63.30
6/11/2025 11:54:49	49.70	61.60	49.70	62.30
6/11/2025 11:54:50	50.10	64.00	50.20	64.60
6/11/2025 11:54:51	50.70	64.10	50.80	63.60
6/11/2025 11:54:52	51.10	74.50	51.00	74.60
6/11/2025 11:54:53	51.30	65.80	51.40	66.00
6/11/2025 11:54:54	52.80	66.00	52.80	66.00
6/11/2025 11:54:55	55.70	68.70	56.50	68.20
6/11/2025 11:54:56	59.80	75.90	59.90	76.10
6/11/2025 11:54:57	63.90	77.20	64.60	77.30
6/11/2025 11:54:58	68.40	83.50	69.10	83.30
6/11/2025 11:54:59	68.50	80.70	68.10	80.50
6/11/2025 11:55:00	67.70	75.50	63.40	75.30
6/11/2025 11:55:01	65.20	72.00	58.80	71.40
6/11/2025 11:55:02	62.20	69.40	56.30	69.40
6/11/2025 11:55:03	59.40	72.90	54.30	72.90
6/11/2025 11:55:04	56.70	69.00	51.50	69.10
6/11/2025 11:55:05	54.10	64.20	49.90	63.60
6/11/2025 11:55:06	52.10	63.10	49.60	62.80
6/11/2025 11:55:07	51.40	76.20	51.10	76.50
6/11/2025 11:55:08	51.70	64.90	51.50	65.50
6/11/2025 11:55:09	53.50	67.70	53.90	66.80
6/11/2025 11:55:10	56.20	69.40	56.70	69.90
6/11/2025 11:55:11	60.80	76.70	61.10	76.80
6/11/2025 11:55:12	64.20	78.00	64.80	78.40
6/11/2025 11:55:13	65.70	81.90	66.40	81.70
6/11/2025 11:55:14	65.50	77.90	63.70	77.80
6/11/2025 11:55:15	64.10	73.00	59.50	73.30
6/11/2025 11:55:16	61.60	68.10	55.70	68.10
6/11/2025 11:55:17	58.70	64.80	52.00	64.70
6/11/2025 11:55:18	55.60	63.40	49.40	62.90
6/11/2025 11:55:19	52.80	61.30	48.50	61.40
6/11/2025 11:55:20	50.60	61.80	48.20	61.60
6/11/2025 11:55:21	49.30	61.80	48.50	61.70
6/11/2025 11:55:22	49.00	61.10	48.10	61.20
6/11/2025 11:55:23	48.90	64.50	48.60	64.00
6/11/2025 11:55:24	48.50	60.60	48.00	60.90
6/11/2025 11:55:25	48.50	61.00	48.50	60.60
6/11/2025 11:55:26	48.50	60.60	48.50	61.10
6/11/2025 11:55:27	48.70	62.00	48.70	62.10
6/11/2025 11:55:28	49.70	64.30	49.90	64.00
6/11/2025 11:55:29	50.20	66.30	50.20	65.60
6/11/2025 11:55:30	50.40	64.70	50.40	65.30
6/11/2025 11:55:31	50.10	62.80	49.00	62.40
6/11/2025 11:55:32	49.40	62.30	48.50	61.10
6/11/2025 11:55:33	49.10	62.30	48.80	63.00
6/11/2025 11:55:34	48.80	60.60	48.30	60.40
6/11/2025 11:55:35	48.60	62.00	48.50	61.70
6/11/2025 11:55:36	48.60	60.50	48.20	61.10
6/11/2025 11:55:37	48.30	61.30	48.00	60.60
6/11/2025 11:55:38	48.40	63.70	48.30	64.00

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:55:39	48.20	60.60	47.90	61.90
6/11/2025 11:55:40	48.00	61.70	47.70	61.50
6/11/2025 11:55:41	47.90	63.60	47.80	63.70
6/11/2025 11:55:42	47.80	59.50	47.30	59.90
6/11/2025 11:55:43	47.50	60.10	47.40	60.20
6/11/2025 11:55:44	47.50	60.20	47.30	60.60
6/11/2025 11:55:45	47.60	60.70	47.60	60.30
6/11/2025 11:55:46	47.80	61.90	47.80	60.60
6/11/2025 11:55:47	47.80	64.30	47.70	64.30
6/11/2025 11:55:48	47.90	60.60	47.80	60.20
6/11/2025 11:55:49	47.80	60.10	47.60	60.40
6/11/2025 11:55:50	48.20	61.10	48.30	61.20
6/11/2025 11:55:51	49.40	63.70	49.40	63.20
6/11/2025 11:55:52	51.10	65.30	51.70	65.90
6/11/2025 11:55:53	54.20	69.10	54.50	68.90
6/11/2025 11:55:54	57.60	71.90	58.00	71.90
6/11/2025 11:55:55	60.20	75.00	60.80	74.70
6/11/2025 11:55:56	62.40	77.10	63.00	76.70
6/11/2025 11:55:57	63.30	77.00	63.70	77.00
6/11/2025 11:55:58	63.40	74.20	62.10	74.00
6/11/2025 11:55:59	62.20	71.40	59.00	71.60
6/11/2025 11:56:00	60.20	68.60	55.70	68.40
6/11/2025 11:56:01	57.80	69.70	53.50	69.10
6/11/2025 11:56:02	55.50	64.00	51.20	64.90
6/11/2025 11:56:03	53.20	62.30	48.90	62.20
6/11/2025 11:56:04	50.90	60.70	47.70	60.90
6/11/2025 11:56:05	49.20	60.80	47.60	60.80
6/11/2025 11:56:06	48.30	60.40	47.70	60.60
6/11/2025 11:56:07	48.10	61.60	48.00	61.10
6/11/2025 11:56:08	48.60	61.10	48.80	61.60
6/11/2025 11:56:09	49.60	63.50	49.50	62.80
6/11/2025 11:56:10	51.20	64.40	51.60	65.30
6/11/2025 11:56:11	53.40	67.70	53.80	67.10
6/11/2025 11:56:12	54.80	68.60	55.40	68.50
6/11/2025 11:56:13	57.30	72.00	57.60	71.70
6/11/2025 11:56:14	61.10	74.50	61.50	74.60
6/11/2025 11:56:15	62.00	79.40	62.50	79.50
6/11/2025 11:56:16	61.70	72.00	59.40	72.00
6/11/2025 11:56:17	60.10	72.10	57.50	72.30
6/11/2025 11:56:18	58.60	74.30	54.90	73.90
6/11/2025 11:56:19	56.30	64.40	51.70	64.80
6/11/2025 11:56:20	54.00	64.30	50.80	63.90
6/11/2025 11:56:21	52.20	62.90	50.10	62.80
6/11/2025 11:56:22	51.00	67.70	50.20	67.70
6/11/2025 11:56:23	50.60	64.30	49.90	65.10
6/11/2025 11:56:24	50.30	64.30	50.10	63.30
6/11/2025 11:56:25	52.50	74.30	52.90	74.30
6/11/2025 11:56:26	54.90	82.70	55.70	82.60
6/11/2025 11:56:27	56.10	70.80	56.50	70.50
6/11/2025 11:56:28	57.00	69.70	57.20	69.70
6/11/2025 11:56:29	60.00	75.80	60.50	75.40

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 11:56:30	61.70	74.70	62.10	74.90
6/11/2025 11:56:31	62.60	76.10	63.00	75.80
6/11/2025 11:56:32	62.60	74.10	61.60	74.10
6/11/2025 11:56:33	61.70	70.80	58.10	70.40
6/11/2025 11:56:34	59.50	68.10	55.70	68.70
6/11/2025 11:56:35	57.50	68.20	53.20	69.00
6/11/2025 11:56:36	55.10	64.60	50.10	63.90
6/11/2025 11:56:37	52.50	66.30	49.50	64.70
6/11/2025 11:56:38	50.80	61.40	47.60	60.20
6/11/2025 11:56:39	49.10	60.10	47.20	60.30
6/11/2025 11:56:40	48.00	61.00	47.40	60.90
6/11/2025 11:56:41	47.70	62.30	47.00	61.90
6/11/2025 11:56:42	47.40	60.70	47.00	59.80
6/11/2025 11:56:43	47.20	59.50	47.00	60.00
6/11/2025 11:56:44	47.20	60.20	46.70	60.00
6/11/2025 11:56:45	46.90	59.00	46.60	59.50
6/11/2025 11:56:46	46.80	60.80	46.70	60.50
6/11/2025 11:56:47	46.70	60.10	46.40	59.90
6/11/2025 11:56:48	46.80	59.50	46.60	59.50
6/11/2025 11:56:49	46.60	58.80	46.40	59.70
6/11/2025 11:56:50	46.60	59.10	46.30	58.60
6/11/2025 11:56:51	46.50	59.40	46.30	59.30
6/11/2025 11:56:52	46.40	59.20	45.90	58.40
6/11/2025 11:56:53	46.50	60.70	46.40	59.80
6/11/2025 11:56:54	46.50	60.00	46.30	60.30
6/11/2025 11:56:55	46.50	59.00	46.30	58.80
6/11/2025 11:56:56	46.40	59.70	46.10	59.30
6/11/2025 11:56:57	46.20	58.90	46.00	59.00
6/11/2025 11:56:58	46.30	58.90	46.30	59.50
6/11/2025 11:56:59	46.30	59.70	46.20	60.30
6/11/2025 11:57:00	46.60	59.80	46.60	59.40
6/11/2025 11:57:01	46.60	58.90	46.50	58.70
6/11/2025 11:57:02	46.70	59.00	46.60	59.70
6/11/2025 11:57:03	46.80	58.80	46.60	59.20
6/11/2025 11:57:04	46.70	60.10	46.40	59.60
6/11/2025 11:57:05	46.70	60.30	46.50	58.50
6/11/2025 11:57:06	46.80	59.60	46.60	59.00
6/11/2025 11:57:07	46.80	59.60	46.20	58.80
6/11/2025 11:57:08	46.40	59.50	46.10	58.70
6/11/2025 11:57:09	46.50	60.20	46.60	60.10
6/11/2025 11:57:10	47.40	62.50	47.30	62.40
6/11/2025 11:57:11	47.80	67.10	47.50	67.50

		Min	45.9
		Leq	58.9
Lmax	72.40	Max	73.0

S058_BIU070007_18062025_085113: Information Panel

Description	Value
Name	S058_BIU070007_18062025_085113
Start Time	6/11/2025 12:07:11
Stop Time	6/11/2025 12:28:05
Device Name	BIU070007
Model Type	SoundPro DL
Device Firmware Rev	R.13J
Comments	

S058_BIU070007_18062025_085113: Logged Data Chart

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:07:12	50.80	73.20	50.90	73.30
6/11/2025 12:07:13	50.60	63.40	48.60	62.50
6/11/2025 12:07:14	49.60	62.50	48.90	62.30
6/11/2025 12:07:15	49.10	62.00	48.90	62.40
6/11/2025 12:07:16	49.10	62.10	48.50	64.50
6/11/2025 12:07:17	49.00	62.40	49.00	61.60
6/11/2025 12:07:18	49.40	63.60	49.30	64.00
6/11/2025 12:07:19	49.20	63.10	49.00	62.70
6/11/2025 12:07:20	49.20	62.30	49.10	61.60
6/11/2025 12:07:21	49.60	64.40	49.40	64.10
6/11/2025 12:07:22	49.30	63.00	48.60	62.30
6/11/2025 12:07:23	49.00	60.30	48.40	61.30
6/11/2025 12:07:24	48.60	64.90	48.30	65.40
6/11/2025 12:07:25	48.60	61.20	48.30	61.40
6/11/2025 12:07:26	48.60	60.70	48.00	61.40
6/11/2025 12:07:27	48.30	62.40	48.00	61.40
6/11/2025 12:07:28	48.20	61.00	47.80	60.90
6/11/2025 12:07:29	48.10	60.30	48.00	60.80
6/11/2025 12:07:30	48.00	59.90	47.50	60.10
6/11/2025 12:07:31	47.80	63.00	47.40	62.20
6/11/2025 12:07:32	48.00	61.70	48.00	60.60
6/11/2025 12:07:33	48.00	60.90	48.00	61.50
6/11/2025 12:07:34	48.40	61.20	48.60	62.20
6/11/2025 12:07:35	48.60	61.30	48.30	60.60
6/11/2025 12:07:36	48.30	60.50	48.20	62.30
6/11/2025 12:07:37	48.70	61.50	48.80	61.10
6/11/2025 12:07:38	51.00	65.80	51.30	66.00
6/11/2025 12:07:39	52.40	68.10	52.60	68.10
6/11/2025 12:07:40	52.50	65.70	52.10	64.60
6/11/2025 12:07:41	52.10	64.60	51.10	65.20
6/11/2025 12:07:42	51.40	64.10	50.60	65.00
6/11/2025 12:07:43	51.30	65.50	51.10	65.00
6/11/2025 12:07:44	51.40	64.50	51.10	64.50
6/11/2025 12:07:45	51.40	64.30	51.00	63.30
6/11/2025 12:07:46	51.70	64.90	51.40	64.60
6/11/2025 12:07:47	51.60	64.90	51.40	64.70
6/11/2025 12:07:48	51.80	66.10	51.30	66.10
6/11/2025 12:07:49	52.30	66.60	52.10	65.30

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:07:50	52.40	66.00	51.70	65.60
6/11/2025 12:07:51	51.60	63.10	49.30	62.70
6/11/2025 12:07:52	50.40	63.20	49.40	61.60
6/11/2025 12:07:53	49.70	61.60	48.90	61.70
6/11/2025 12:07:54	49.20	62.60	48.40	62.50
6/11/2025 12:07:55	48.90	61.90	48.50	61.30
6/11/2025 12:07:56	48.80	61.70	48.80	61.70
6/11/2025 12:07:57	48.90	66.70	48.70	66.80
6/11/2025 12:07:58	48.90	61.50	48.20	62.30
6/11/2025 12:07:59	48.50	62.00	48.30	61.90
6/11/2025 12:08:00	48.70	63.90	48.50	64.20
6/11/2025 12:08:01	48.60	60.60	47.80	61.50
6/11/2025 12:08:02	48.40	61.60	48.30	62.50
6/11/2025 12:08:03	49.00	62.50	49.10	62.40
6/11/2025 12:08:04	49.20	61.70	49.10	61.70
6/11/2025 12:08:05	49.30	66.50	49.20	66.00
6/11/2025 12:08:06	49.20	62.70	48.80	62.10
6/11/2025 12:08:07	48.90	60.60	48.40	60.80
6/11/2025 12:08:08	48.60	61.20	48.00	61.20
6/11/2025 12:08:09	48.30	60.50	48.10	60.80
6/11/2025 12:08:10	48.80	64.30	48.70	64.60
6/11/2025 12:08:11	49.00	70.20	48.70	70.20
6/11/2025 12:08:12	48.70	61.20	47.90	61.20
6/11/2025 12:08:13	48.30	59.90	47.60	59.90
6/11/2025 12:08:14	48.20	61.20	48.30	61.60
6/11/2025 12:08:15	48.10	61.30	47.90	61.10
6/11/2025 12:08:16	49.10	63.90	49.20	64.00
6/11/2025 12:08:17	48.80	61.60	48.30	61.40
6/11/2025 12:08:18	49.10	63.70	48.90	63.70
6/11/2025 12:08:19	49.70	64.80	49.70	64.10
6/11/2025 12:08:20	49.30	63.90	48.20	64.30
6/11/2025 12:08:21	48.90	60.80	48.30	60.60
6/11/2025 12:08:22	49.30	62.40	49.50	63.60
6/11/2025 12:08:23	49.60	63.40	49.40	63.40
6/11/2025 12:08:24	49.30	61.10	48.00	62.40
6/11/2025 12:08:25	48.70	62.10	48.70	62.50
6/11/2025 12:08:26	48.70	61.70	48.10	61.10
6/11/2025 12:08:27	49.00	63.40	48.80	62.40
6/11/2025 12:08:28	49.20	62.50	48.60	61.50
6/11/2025 12:08:29	49.10	64.10	49.00	62.50
6/11/2025 12:08:30	48.90	61.70	48.70	62.90
6/11/2025 12:08:31	48.90	61.90	48.80	61.70
6/11/2025 12:08:32	49.30	62.40	48.40	62.50
6/11/2025 12:08:33	48.70	63.20	48.40	62.70
6/11/2025 12:08:34	49.10	64.40	48.50	65.40
6/11/2025 12:08:35	50.20	64.90	50.70	65.80
6/11/2025 12:08:36	50.10	64.20	49.80	64.90
6/11/2025 12:08:37	50.30	63.40	50.00	63.90
6/11/2025 12:08:38	50.50	69.90	50.10	70.30
6/11/2025 12:08:39	50.00	69.60	49.30	69.80
6/11/2025 12:08:40	49.60	62.30	49.20	62.00

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:08:41	49.40	62.40	49.00	62.70
6/11/2025 12:08:42	50.20	65.40	50.20	66.00
6/11/2025 12:08:43	49.90	63.30	49.30	61.60
6/11/2025 12:08:44	50.00	64.80	50.20	63.00
6/11/2025 12:08:45	50.60	64.60	50.90	63.30
6/11/2025 12:08:46	50.50	62.60	50.30	63.70
6/11/2025 12:08:47	50.60	64.00	50.60	64.30
6/11/2025 12:08:48	50.60	67.80	50.50	68.20
6/11/2025 12:08:49	51.00	65.10	51.10	65.10
6/11/2025 12:08:50	51.20	65.40	51.20	65.00
6/11/2025 12:08:51	50.90	63.40	50.20	63.20
6/11/2025 12:08:52	51.10	67.50	50.90	67.40
6/11/2025 12:08:53	50.50	64.00	49.70	63.70
6/11/2025 12:08:54	50.30	64.40	50.20	63.60
6/11/2025 12:08:55	50.00	63.40	49.80	62.10
6/11/2025 12:08:56	50.20	62.70	50.10	62.60
6/11/2025 12:08:57	50.30	65.00	50.40	65.00
6/11/2025 12:08:58	51.40	71.10	51.60	71.00
6/11/2025 12:08:59	52.40	65.30	52.40	66.00
6/11/2025 12:09:00	54.50	73.40	55.30	73.40
6/11/2025 12:09:01	55.80	75.30	55.90	75.00
6/11/2025 12:09:02	58.60	76.00	59.00	76.30
6/11/2025 12:09:03	64.20	80.20	64.20	80.20
6/11/2025 12:09:04	66.80	82.40	67.90	82.40
6/11/2025 12:09:05	66.50	76.80	63.30	76.90
6/11/2025 12:09:06	64.40	71.00	57.80	70.90
6/11/2025 12:09:07	61.20	67.30	54.80	67.70
6/11/2025 12:09:08	58.40	69.60	54.00	69.80
6/11/2025 12:09:09	56.10	67.10	53.80	67.50
6/11/2025 12:09:10	55.30	68.50	54.60	68.60
6/11/2025 12:09:11	55.70	69.00	55.30	68.90
6/11/2025 12:09:12	58.90	78.20	59.50	78.20
6/11/2025 12:09:13	61.10	80.00	61.50	80.00
6/11/2025 12:09:14	63.40	77.30	63.80	77.50
6/11/2025 12:09:15	63.90	79.80	63.80	79.80
6/11/2025 12:09:16	63.20	72.80	60.00	72.90
6/11/2025 12:09:17	61.30	73.50	57.70	73.30
6/11/2025 12:09:18	59.20	70.50	56.10	70.60
6/11/2025 12:09:19	57.40	67.80	55.10	67.80
6/11/2025 12:09:20	56.00	66.70	54.10	67.00
6/11/2025 12:09:21	54.90	66.80	53.30	66.60
6/11/2025 12:09:22	53.80	64.50	51.90	63.80
6/11/2025 12:09:23	52.80	65.50	52.20	66.00
6/11/2025 12:09:24	52.50	64.20	50.90	64.00
6/11/2025 12:09:25	51.70	64.10	51.40	64.40
6/11/2025 12:09:26	51.50	62.80	49.70	61.70
6/11/2025 12:09:27	50.20	61.50	49.80	62.30
6/11/2025 12:09:28	50.00	63.80	49.80	62.30
6/11/2025 12:09:29	50.00	61.70	49.80	62.60
6/11/2025 12:09:30	50.00	64.40	49.60	65.10
6/11/2025 12:09:31	49.90	62.10	49.60	62.30

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:09:32	50.00	64.00	49.90	62.50
6/11/2025 12:09:33	49.80	62.90	49.70	62.80
6/11/2025 12:09:34	50.30	66.60	50.00	66.40
6/11/2025 12:09:35	50.90	64.30	50.90	64.00
6/11/2025 12:09:36	50.40	63.20	49.90	63.40
6/11/2025 12:09:37	50.30	63.30	50.00	63.20
6/11/2025 12:09:38	50.30	63.10	50.20	63.50
6/11/2025 12:09:39	50.60	63.60	50.70	63.30
6/11/2025 12:09:40	50.80	63.70	50.90	64.40
6/11/2025 12:09:41	51.10	65.30	50.50	66.00
6/11/2025 12:09:42	50.40	64.10	49.30	64.00
6/11/2025 12:09:43	49.80	62.10	48.90	61.60
6/11/2025 12:09:44	49.30	63.00	48.90	62.40
6/11/2025 12:09:45	49.90	62.90	50.10	62.70
6/11/2025 12:09:46	50.80	65.90	51.30	64.40
6/11/2025 12:09:47	53.00	67.10	53.30	66.80
6/11/2025 12:09:48	56.10	72.00	56.60	71.90
6/11/2025 12:09:49	60.50	75.70	61.20	75.60
6/11/2025 12:09:50	63.30	77.20	63.80	77.00
6/11/2025 12:09:51	64.80	77.80	65.50	77.90
6/11/2025 12:09:52	65.10	78.70	65.20	78.70
6/11/2025 12:09:53	64.90	73.90	61.20	73.70
6/11/2025 12:09:54	62.60	70.20	57.30	69.80
6/11/2025 12:09:55	59.90	70.40	54.80	70.80
6/11/2025 12:09:56	57.30	68.40	53.40	69.10
6/11/2025 12:09:57	55.10	65.50	50.40	64.90
6/11/2025 12:09:58	52.70	62.90	50.00	63.70
6/11/2025 12:09:59	51.30	65.70	49.60	64.40
6/11/2025 12:10:00	50.20	66.20	49.50	65.10
6/11/2025 12:10:01	49.90	62.40	48.20	61.70
6/11/2025 12:10:02	48.60	65.00	47.20	64.70
6/11/2025 12:10:03	48.10	65.00	47.90	63.90
6/11/2025 12:10:04	49.10	69.00	48.30	69.00
6/11/2025 12:10:05	50.50	71.00	50.40	71.00
6/11/2025 12:10:06	49.90	61.60	47.50	61.40
6/11/2025 12:10:07	48.60	60.30	47.40	59.60
6/11/2025 12:10:08	48.00	63.90	47.50	63.70
6/11/2025 12:10:09	48.00	60.90	47.70	61.20
6/11/2025 12:10:10	48.10	60.70	47.70	60.00
6/11/2025 12:10:11	47.60	60.40	46.70	60.50
6/11/2025 12:10:12	47.40	59.70	47.30	59.70
6/11/2025 12:10:13	47.50	61.00	47.20	61.40
6/11/2025 12:10:14	47.80	64.00	47.70	64.20
6/11/2025 12:10:15	48.00	61.80	48.00	61.20
6/11/2025 12:10:16	47.80	60.00	47.40	61.20
6/11/2025 12:10:17	48.20	60.50	48.30	59.80
6/11/2025 12:10:18	48.60	61.50	48.60	62.50
6/11/2025 12:10:19	48.80	61.30	48.50	61.80
6/11/2025 12:10:20	48.70	60.70	48.10	60.60
6/11/2025 12:10:21	48.90	63.30	48.80	64.30
6/11/2025 12:10:22	48.70	61.40	48.10	62.60

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:10:23	48.40	61.90	47.90	60.80
6/11/2025 12:10:24	48.30	61.00	47.90	60.60
6/11/2025 12:10:25	48.20	61.50	48.00	61.50
6/11/2025 12:10:26	48.80	68.70	48.80	69.20
6/11/2025 12:10:27	48.80	61.00	48.60	61.80
6/11/2025 12:10:28	48.70	60.80	47.90	60.60
6/11/2025 12:10:29	48.30	60.20	47.80	60.10
6/11/2025 12:10:30	48.00	61.40	47.50	60.80
6/11/2025 12:10:31	47.90	61.40	47.80	60.10
6/11/2025 12:10:32	48.50	63.60	48.50	63.70
6/11/2025 12:10:33	48.70	61.70	48.40	62.20
6/11/2025 12:10:34	48.50	63.20	48.10	62.00
6/11/2025 12:10:35	49.30	62.60	49.70	62.90
6/11/2025 12:10:36	49.50	62.00	49.20	62.20
6/11/2025 12:10:37	50.80	65.00	51.00	65.10
6/11/2025 12:10:38	54.10	70.50	54.00	69.70
6/11/2025 12:10:39	56.20	71.60	56.70	71.90
6/11/2025 12:10:40	61.30	77.20	61.80	77.30
6/11/2025 12:10:41	64.40	79.60	65.30	79.50
6/11/2025 12:10:42	67.90	86.00	68.50	85.90
6/11/2025 12:10:43	67.90	83.10	66.80	83.10
6/11/2025 12:10:44	66.70	75.60	61.80	75.30
6/11/2025 12:10:45	64.00	70.00	57.20	69.90
6/11/2025 12:10:46	61.00	68.60	56.10	68.20
6/11/2025 12:10:47	59.00	72.10	58.40	71.90
6/11/2025 12:10:48	63.10	77.40	63.00	77.20
6/11/2025 12:10:49	68.40	85.30	69.40	85.20
6/11/2025 12:10:50	68.40	79.30	67.50	79.00
6/11/2025 12:10:51	67.80	81.10	67.20	80.80
6/11/2025 12:10:52	69.30	85.70	69.90	85.50
6/11/2025 12:10:53	68.90	77.20	65.10	77.00
6/11/2025 12:10:54	66.50	73.60	59.50	73.40
6/11/2025 12:10:55	63.30	67.00	54.60	67.40
6/11/2025 12:10:56	59.80	68.30	51.60	68.30
6/11/2025 12:10:57	56.40	63.10	50.00	62.70
6/11/2025 12:10:58	53.60	66.70	50.30	66.30
6/11/2025 12:10:59	51.80	63.20	50.40	62.70
6/11/2025 12:11:00	51.00	63.90	50.60	63.50
6/11/2025 12:11:01	50.60	64.50	49.80	64.60
6/11/2025 12:11:02	50.30	62.90	49.70	63.20
6/11/2025 12:11:03	49.80	62.30	49.10	63.80
6/11/2025 12:11:04	49.40	61.50	48.90	62.70
6/11/2025 12:11:05	49.10	61.00	48.10	61.30
6/11/2025 12:11:06	48.50	64.00	48.40	64.90
6/11/2025 12:11:07	48.90	62.90	48.70	62.20
6/11/2025 12:11:08	50.50	76.80	50.50	77.10
6/11/2025 12:11:09	50.10	62.80	48.60	61.80
6/11/2025 12:11:10	49.30	61.10	48.10	61.40
6/11/2025 12:11:11	48.90	63.30	48.70	63.90
6/11/2025 12:11:12	49.80	67.10	49.60	67.30
6/11/2025 12:11:13	49.80	62.20	49.20	61.90

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:11:14	49.20	61.90	48.60	61.90
6/11/2025 12:11:15	49.40	63.50	49.30	63.90
6/11/2025 12:11:16	49.60	66.80	49.20	67.20
6/11/2025 12:11:17	49.40	61.20	48.40	61.60
6/11/2025 12:11:18	51.00	74.10	49.30	74.00
6/11/2025 12:11:19	51.40	64.90	51.10	65.40
6/11/2025 12:11:20	50.30	61.00	48.40	61.10
6/11/2025 12:11:21	49.20	61.10	47.70	60.40
6/11/2025 12:11:22	48.40	61.70	48.00	61.40
6/11/2025 12:11:23	48.40	61.00	48.20	61.20
6/11/2025 12:11:24	48.50	61.60	48.20	61.20
6/11/2025 12:11:25	48.60	61.50	48.40	61.80
6/11/2025 12:11:26	48.70	61.80	48.70	61.10
6/11/2025 12:11:27	49.10	62.90	49.10	62.90
6/11/2025 12:11:28	49.60	64.30	49.70	63.30
6/11/2025 12:11:29	49.60	62.20	49.50	63.10
6/11/2025 12:11:30	49.80	67.00	49.30	67.10
6/11/2025 12:11:31	50.00	64.50	50.10	62.30
6/11/2025 12:11:32	50.20	64.30	50.20	64.20
6/11/2025 12:11:33	51.20	72.20	50.40	72.20
6/11/2025 12:11:34	51.30	63.40	50.90	63.10
6/11/2025 12:11:35	50.80	65.10	50.20	64.30
6/11/2025 12:11:36	50.40	63.20	49.80	63.20
6/11/2025 12:11:37	49.90	64.30	49.70	64.70
6/11/2025 12:11:38	49.90	64.60	49.70	65.00
6/11/2025 12:11:39	50.80	67.60	50.90	67.70
6/11/2025 12:11:40	51.40	65.30	51.50	65.00
6/11/2025 12:11:41	51.90	66.40	51.90	65.90
6/11/2025 12:11:42	53.40	68.00	53.70	68.00
6/11/2025 12:11:43	54.80	67.90	55.20	68.20
6/11/2025 12:11:44	56.80	71.80	57.30	71.80
6/11/2025 12:11:45	57.30	70.00	57.70	70.00
6/11/2025 12:11:46	57.80	71.30	57.90	71.60
6/11/2025 12:11:47	57.70	69.50	56.20	69.70
6/11/2025 12:11:48	56.50	66.40	53.60	66.70
6/11/2025 12:11:49	54.90	64.50	52.10	64.80
6/11/2025 12:11:50	53.30	63.00	50.30	63.40
6/11/2025 12:11:51	51.50	63.20	49.30	63.50
6/11/2025 12:11:52	50.30	61.90	48.70	61.50
6/11/2025 12:11:53	49.30	63.00	48.30	62.10
6/11/2025 12:11:54	49.20	62.60	49.00	62.90
6/11/2025 12:11:55	50.00	65.90	49.70	65.70
6/11/2025 12:11:56	50.20	63.70	49.70	64.00
6/11/2025 12:11:57	51.00	72.00	50.50	71.70
6/11/2025 12:11:58	51.30	65.70	50.60	65.30
6/11/2025 12:11:59	50.50	64.70	49.70	65.20
6/11/2025 12:12:00	49.90	61.80	49.30	62.80
6/11/2025 12:12:01	49.60	62.10	49.00	62.90
6/11/2025 12:12:02	49.20	60.70	48.10	61.10
6/11/2025 12:12:03	48.60	61.40	48.20	61.00
6/11/2025 12:12:04	49.60	72.10	50.10	72.00

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:12:05	49.40	61.50	48.60	60.80
6/11/2025 12:12:06	48.90	61.70	48.20	60.50
6/11/2025 12:12:07	51.30	66.70	52.10	67.00
6/11/2025 12:12:08	50.90	63.20	49.80	63.00
6/11/2025 12:12:09	51.30	66.20	51.10	65.40
6/11/2025 12:12:10	51.30	65.80	51.10	64.90
6/11/2025 12:12:11	51.90	64.00	51.80	64.80
6/11/2025 12:12:12	53.50	71.10	53.80	71.00
6/11/2025 12:12:13	53.20	65.50	52.40	66.10
6/11/2025 12:12:14	53.40	65.80	53.50	65.80
6/11/2025 12:12:15	54.60	69.40	54.60	69.80
6/11/2025 12:12:16	57.30	72.00	57.40	72.50
6/11/2025 12:12:17	61.90	76.10	62.40	76.00
6/11/2025 12:12:18	65.70	86.80	66.30	86.70
6/11/2025 12:12:19	65.90	80.40	65.80	80.30
6/11/2025 12:12:20	65.30	79.10	63.40	78.90
6/11/2025 12:12:21	65.20	79.70	64.80	79.80
6/11/2025 12:12:22	70.80	85.70	71.10	85.70
6/11/2025 12:12:23	71.90	86.90	72.50	86.90
6/11/2025 12:12:24	71.30	78.20	65.70	78.00
6/11/2025 12:12:25	68.30	73.40	61.20	73.50
6/11/2025 12:12:26	65.10	68.00	55.50	68.50
6/11/2025 12:12:27	61.50	67.20	52.70	67.40
6/11/2025 12:12:28	58.10	63.90	50.70	63.10
6/11/2025 12:12:29	54.90	66.50	51.40	65.90
6/11/2025 12:12:30	53.60	64.80	52.10	64.70
6/11/2025 12:12:31	52.30	61.80	49.50	61.70
6/11/2025 12:12:32	51.60	63.70	51.30	64.40
6/11/2025 12:12:33	51.90	64.90	52.00	65.40
6/11/2025 12:12:34	52.50	65.40	52.10	65.20
6/11/2025 12:12:35	52.60	65.00	51.80	65.60
6/11/2025 12:12:36	51.70	64.10	51.40	64.70
6/11/2025 12:12:37	51.70	63.30	50.60	64.90
6/11/2025 12:12:38	50.80	61.20	49.40	61.30
6/11/2025 12:12:39	49.90	63.10	49.30	63.70
6/11/2025 12:12:40	49.90	65.70	48.90	65.10
6/11/2025 12:12:41	49.10	61.30	48.30	62.30
6/11/2025 12:12:42	48.80	62.40	48.70	62.90
6/11/2025 12:12:43	53.40	77.80	53.40	77.90
6/11/2025 12:12:44	53.40	67.30	52.70	67.50
6/11/2025 12:12:45	56.20	72.80	56.40	71.90
6/11/2025 12:12:46	57.10	76.80	57.30	76.20
6/11/2025 12:12:47	56.40	65.60	52.40	66.30
6/11/2025 12:12:48	54.10	62.70	49.80	63.90
6/11/2025 12:12:49	51.80	62.00	49.10	62.10
6/11/2025 12:12:50	50.40	63.80	48.80	62.90
6/11/2025 12:12:51	49.40	62.70	47.90	62.60
6/11/2025 12:12:52	48.60	60.60	47.70	60.40
6/11/2025 12:12:53	48.80	61.90	48.80	62.10
6/11/2025 12:12:54	49.10	62.40	49.00	61.40
6/11/2025 12:12:55	48.70	59.90	47.20	61.40

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:12:56	48.00	60.90	47.70	62.40
6/11/2025 12:12:57	48.90	61.90	48.80	61.50
6/11/2025 12:12:58	51.80	65.60	52.70	65.50
6/11/2025 12:12:59	51.60	61.50	49.10	61.30
6/11/2025 12:13:00	50.60	64.00	50.20	63.90
6/11/2025 12:13:01	50.00	61.90	49.20	62.10
6/11/2025 12:13:02	49.90	64.90	49.70	63.70
6/11/2025 12:13:03	50.40	64.70	50.60	63.80
6/11/2025 12:13:04	50.90	64.00	51.00	64.00
6/11/2025 12:13:05	51.20	67.30	50.90	66.90
6/11/2025 12:13:06	65.40	93.60	60.70	93.50
6/11/2025 12:13:07	65.40	77.70	61.40	78.00
6/11/2025 12:13:08	61.90	67.40	54.90	67.10
6/11/2025 12:13:09	59.20	72.90	58.70	73.10
6/11/2025 12:13:10	63.20	78.00	63.30	77.70
6/11/2025 12:13:11	65.50	78.80	66.30	78.70
6/11/2025 12:13:12	66.10	81.90	66.10	81.70
6/11/2025 12:13:13	65.70	79.60	63.50	79.50
6/11/2025 12:13:14	64.00	71.10	57.50	71.30
6/11/2025 12:13:15	60.90	67.80	54.20	67.60
6/11/2025 12:13:16	57.90	70.40	52.70	69.80
6/11/2025 12:13:17	55.40	68.90	51.80	68.00
6/11/2025 12:13:18	53.50	66.20	50.80	65.90
6/11/2025 12:13:19	52.00	62.60	49.80	62.80
6/11/2025 12:13:20	50.70	64.40	50.10	64.50
6/11/2025 12:13:21	50.90	65.60	50.90	66.20
6/11/2025 12:13:22	51.30	64.10	51.50	63.90
6/11/2025 12:13:23	51.60	64.10	51.60	64.30
6/11/2025 12:13:24	51.40	63.20	50.30	63.30
6/11/2025 12:13:25	50.80	62.70	50.20	61.70
6/11/2025 12:13:26	50.90	63.40	50.80	62.90
6/11/2025 12:13:27	51.20	64.00	51.10	63.60
6/11/2025 12:13:28	51.30	63.60	51.00	62.90
6/11/2025 12:13:29	51.10	67.90	50.90	67.80
6/11/2025 12:13:30	52.40	65.40	52.10	66.40
6/11/2025 12:13:31	54.10	69.10	54.70	68.30
6/11/2025 12:13:32	54.10	65.20	52.10	65.00
6/11/2025 12:13:33	52.60	65.80	51.70	66.10
6/11/2025 12:13:34	52.50	66.00	52.30	64.80
6/11/2025 12:13:35	52.30	67.20	52.00	66.80
6/11/2025 12:13:36	52.30	64.50	51.80	63.50
6/11/2025 12:13:37	52.70	68.20	52.60	68.50
6/11/2025 12:13:38	53.40	67.50	53.70	67.50
6/11/2025 12:13:39	53.90	67.40	54.00	67.10
6/11/2025 12:13:40	54.40	67.10	54.30	67.10
6/11/2025 12:13:41	54.40	67.60	54.40	67.30
6/11/2025 12:13:42	55.90	70.10	55.80	70.00
6/11/2025 12:13:43	59.60	74.40	60.10	74.10
6/11/2025 12:13:44	65.70	81.70	65.90	81.70
6/11/2025 12:13:45	73.70	90.10	73.80	90.10
6/11/2025 12:13:46	75.00	88.60	75.90	88.60

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:13:47	74.60	83.80	71.00	83.90
6/11/2025 12:13:48	72.40	78.80	65.70	78.80
6/11/2025 12:13:49	69.20	74.10	61.50	74.00
6/11/2025 12:13:50	65.80	72.00	57.50	72.50
6/11/2025 12:13:51	62.40	68.70	55.80	68.80
6/11/2025 12:13:52	59.50	68.20	55.60	68.00
6/11/2025 12:13:53	57.50	66.40	54.20	65.60
6/11/2025 12:13:54	55.60	65.40	52.90	64.90
6/11/2025 12:13:55	54.30	64.90	53.10	65.60
6/11/2025 12:13:56	53.70	64.90	53.10	65.40
6/11/2025 12:13:57	54.00	70.90	53.70	71.00
6/11/2025 12:13:58	55.60	70.50	55.50	70.70
6/11/2025 12:13:59	54.40	64.80	51.90	65.80
6/11/2025 12:14:00	53.10	65.40	51.80	64.90
6/11/2025 12:14:01	53.70	72.40	53.40	72.60
6/11/2025 12:14:02	53.10	65.00	52.30	65.20
6/11/2025 12:14:03	52.80	64.90	52.50	64.90
6/11/2025 12:14:04	53.30	68.00	53.10	67.80
6/11/2025 12:14:05	53.30	64.50	52.30	65.00
6/11/2025 12:14:06	52.90	70.90	52.40	71.30
6/11/2025 12:14:07	53.40	67.50	52.90	67.90
6/11/2025 12:14:08	52.60	64.70	52.10	65.00
6/11/2025 12:14:09	53.00	66.00	53.10	65.10
6/11/2025 12:14:10	54.10	65.80	54.30	65.50
6/11/2025 12:14:11	54.50	68.50	54.30	68.80
6/11/2025 12:14:12	54.60	66.70	53.90	67.00
6/11/2025 12:14:13	54.10	66.70	53.60	66.30
6/11/2025 12:14:14	54.20	66.00	54.20	65.50
6/11/2025 12:14:15	54.80	67.50	54.60	67.00
6/11/2025 12:14:16	55.90	69.10	56.00	68.80
6/11/2025 12:14:17	56.40	69.70	56.60	69.90
6/11/2025 12:14:18	56.90	74.20	56.90	74.00
6/11/2025 12:14:19	58.50	71.40	58.80	71.30
6/11/2025 12:14:20	60.90	77.40	61.50	77.10
6/11/2025 12:14:21	61.00	74.30	60.50	74.40
6/11/2025 12:14:22	60.40	71.90	58.40	71.50
6/11/2025 12:14:23	59.10	68.80	56.70	68.50
6/11/2025 12:14:24	57.70	67.90	55.60	68.00
6/11/2025 12:14:25	56.40	68.40	54.50	69.00
6/11/2025 12:14:26	55.40	69.20	54.70	68.80
6/11/2025 12:14:27	55.40	66.10	54.20	65.30
6/11/2025 12:14:28	56.10	70.70	55.60	70.60
6/11/2025 12:14:29	59.10	73.40	59.60	73.50
6/11/2025 12:14:30	60.50	73.60	60.50	73.50
6/11/2025 12:14:31	59.70	70.40	59.30	70.40
6/11/2025 12:14:32	60.40	72.30	60.60	72.20
6/11/2025 12:14:33	61.80	74.30	62.40	74.10
6/11/2025 12:14:34	62.90	74.30	63.40	74.10
6/11/2025 12:14:35	62.80	72.20	61.30	72.50
6/11/2025 12:14:36	61.90	71.50	60.30	71.30
6/11/2025 12:14:37	60.60	67.90	55.10	67.10

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:14:38	57.80	66.20	53.20	66.50
6/11/2025 12:14:39	55.50	64.90	52.30	65.40
6/11/2025 12:14:40	53.70	64.80	51.80	64.70
6/11/2025 12:14:41	52.60	63.10	51.00	63.70
6/11/2025 12:14:42	52.60	66.40	52.30	66.80
6/11/2025 12:14:43	52.40	67.50	51.50	67.60
6/11/2025 12:14:44	52.20	65.50	52.00	65.40
6/11/2025 12:14:45	52.30	64.80	52.10	65.30
6/11/2025 12:14:46	53.40	69.10	53.60	69.10
6/11/2025 12:14:47	55.50	69.00	55.70	69.00
6/11/2025 12:14:48	59.10	76.00	59.60	76.20
6/11/2025 12:14:49	62.10	76.10	62.50	76.10
6/11/2025 12:14:50	64.40	78.60	64.90	78.60
6/11/2025 12:14:51	64.60	77.00	64.10	77.00
6/11/2025 12:14:52	63.80	73.70	59.70	73.00
6/11/2025 12:14:53	61.50	70.70	57.60	70.20
6/11/2025 12:14:54	59.40	68.40	56.70	69.10
6/11/2025 12:14:55	57.90	67.50	55.60	67.20
6/11/2025 12:14:56	56.50	68.40	54.80	68.70
6/11/2025 12:14:57	55.60	68.20	54.60	68.60
6/11/2025 12:14:58	56.40	70.10	56.40	70.50
6/11/2025 12:14:59	62.10	77.20	62.10	77.50
6/11/2025 12:15:00	67.40	83.00	67.70	83.00
6/11/2025 12:15:01	72.10	86.40	72.90	86.50
6/11/2025 12:15:02	73.30	89.10	73.70	89.10
6/11/2025 12:15:03	72.90	85.10	70.00	85.10
6/11/2025 12:15:04	70.90	82.40	65.30	82.30
6/11/2025 12:15:05	68.00	72.10	60.00	72.30
6/11/2025 12:15:06	64.70	70.40	56.60	70.70
6/11/2025 12:15:07	61.40	69.10	55.00	69.00
6/11/2025 12:15:08	58.50	65.70	52.40	65.50
6/11/2025 12:15:09	55.60	66.40	51.20	66.50
6/11/2025 12:15:10	53.40	65.70	51.70	66.00
6/11/2025 12:15:11	54.60	78.10	54.90	78.10
6/11/2025 12:15:12	56.30	69.90	56.40	69.60
6/11/2025 12:15:13	62.20	76.70	62.50	76.50
6/11/2025 12:15:14	67.50	81.90	68.10	81.70
6/11/2025 12:15:15	70.40	85.50	71.40	85.40
6/11/2025 12:15:16	71.00	89.60	70.40	89.50
6/11/2025 12:15:17	69.90	79.20	64.50	79.20
6/11/2025 12:15:18	67.10	73.00	60.70	73.20
6/11/2025 12:15:19	64.10	70.90	57.90	70.90
6/11/2025 12:15:20	61.10	69.00	53.00	69.10
6/11/2025 12:15:21	57.80	67.80	51.70	67.30
6/11/2025 12:15:22	55.00	67.90	50.60	67.90
6/11/2025 12:15:23	52.80	66.80	50.50	66.60
6/11/2025 12:15:24	51.30	61.30	48.70	61.90
6/11/2025 12:15:25	49.90	62.80	48.50	62.20
6/11/2025 12:15:26	49.00	59.90	47.50	59.90
6/11/2025 12:15:27	48.20	61.50	47.40	60.60
6/11/2025 12:15:28	48.00	61.30	47.50	60.70

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:15:29	48.80	64.20	48.80	63.20
6/11/2025 12:15:30	48.90	65.50	48.20	65.20
6/11/2025 12:15:31	49.00	62.10	48.80	61.70
6/11/2025 12:15:32	48.80	63.40	48.20	63.40
6/11/2025 12:15:33	48.30	61.00	47.30	60.20
6/11/2025 12:15:34	47.90	60.10	47.20	60.50
6/11/2025 12:15:35	47.60	59.90	47.50	60.70
6/11/2025 12:15:36	48.00	62.50	47.90	61.10
6/11/2025 12:15:37	48.00	60.70	47.80	60.90
6/11/2025 12:15:38	48.00	65.80	47.80	64.90
6/11/2025 12:15:39	48.00	61.30	47.90	62.00
6/11/2025 12:15:40	48.30	61.30	48.40	62.30
6/11/2025 12:15:41	48.30	62.60	48.10	63.00
6/11/2025 12:15:42	53.40	70.40	54.30	70.40
6/11/2025 12:15:43	54.80	68.50	54.70	68.50
6/11/2025 12:15:44	54.70	69.90	53.90	69.60
6/11/2025 12:15:45	53.90	66.30	52.30	65.70
6/11/2025 12:15:46	53.20	66.20	52.10	65.90
6/11/2025 12:15:47	52.70	65.70	52.10	66.50
6/11/2025 12:15:48	52.50	65.50	51.80	65.10
6/11/2025 12:15:49	52.30	66.10	51.30	65.70
6/11/2025 12:15:50	52.20	65.20	51.80	64.80
6/11/2025 12:15:51	51.90	65.40	51.20	66.70
6/11/2025 12:15:52	51.60	64.60	50.80	65.10
6/11/2025 12:15:53	51.90	65.60	51.90	65.40
6/11/2025 12:15:54	51.90	65.30	51.30	64.50
6/11/2025 12:15:55	51.80	67.10	51.50	67.30
6/11/2025 12:15:56	52.80	67.20	52.90	66.90
6/11/2025 12:15:57	53.00	65.90	52.30	65.80
6/11/2025 12:15:58	52.60	65.70	51.70	65.60
6/11/2025 12:15:59	52.30	65.80	51.60	65.80
6/11/2025 12:16:00	52.50	66.30	52.20	66.30
6/11/2025 12:16:01	52.40	66.90	51.80	67.50
6/11/2025 12:16:02	52.00	66.40	51.10	65.70
6/11/2025 12:16:03	53.10	67.00	53.40	67.50
6/11/2025 12:16:04	53.10	67.70	52.20	66.50
6/11/2025 12:16:05	52.40	66.20	50.90	66.20
6/11/2025 12:16:06	52.40	66.50	52.00	66.60
6/11/2025 12:16:07	52.00	64.50	51.10	64.70
6/11/2025 12:16:08	51.50	63.60	50.60	64.20
6/11/2025 12:16:09	50.80	63.20	50.00	64.70
6/11/2025 12:16:10	50.50	63.50	50.30	63.90
6/11/2025 12:16:11	50.80	63.40	50.40	63.40
6/11/2025 12:16:12	50.70	64.10	50.10	64.60
6/11/2025 12:16:13	50.80	63.50	50.70	65.10
6/11/2025 12:16:14	51.20	67.00	50.80	66.70
6/11/2025 12:16:15	51.70	65.30	51.30	65.20
6/11/2025 12:16:16	51.70	64.60	50.10	64.40
6/11/2025 12:16:17	50.00	62.50	48.40	62.40
6/11/2025 12:16:18	50.20	64.30	50.30	64.80
6/11/2025 12:16:19	50.50	65.00	50.50	64.70

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:16:20	51.00	64.60	50.90	64.00
6/11/2025 12:16:21	51.50	64.50	51.50	64.10
6/11/2025 12:16:22	51.80	66.70	51.60	65.60
6/11/2025 12:16:23	52.70	65.90	52.90	65.10
6/11/2025 12:16:24	55.30	72.40	55.60	72.30
6/11/2025 12:16:25	59.00	72.30	59.40	72.60
6/11/2025 12:16:26	64.40	78.20	64.80	78.30
6/11/2025 12:16:27	69.30	83.40	70.00	83.20
6/11/2025 12:16:28	69.40	81.90	68.50	81.80
6/11/2025 12:16:29	68.20	77.30	63.40	77.10
6/11/2025 12:16:30	65.50	70.50	57.60	70.20
6/11/2025 12:16:31	62.10	67.70	53.90	67.60
6/11/2025 12:16:32	58.80	64.40	51.30	64.20
6/11/2025 12:16:33	55.60	63.80	48.50	63.40
6/11/2025 12:16:34	52.40	59.90	47.40	60.80
6/11/2025 12:16:35	50.00	60.80	47.50	60.50
6/11/2025 12:16:36	48.70	61.00	48.20	61.60
6/11/2025 12:16:37	48.60	62.10	48.60	61.10
6/11/2025 12:16:38	49.00	63.40	48.90	64.10
6/11/2025 12:16:39	49.40	67.70	49.60	67.00
6/11/2025 12:16:40	49.70	62.30	49.70	63.30
6/11/2025 12:16:41	49.70	63.50	49.10	62.80
6/11/2025 12:16:42	49.30	63.30	48.30	62.90
6/11/2025 12:16:43	48.70	63.60	48.30	63.20
6/11/2025 12:16:44	48.70	60.50	48.00	60.60
6/11/2025 12:16:45	48.20	60.20	47.40	60.10
6/11/2025 12:16:46	47.90	60.50	47.70	61.50
6/11/2025 12:16:47	48.80	62.00	48.90	62.10
6/11/2025 12:16:48	49.00	61.90	48.80	63.50
6/11/2025 12:16:49	48.50	61.00	47.30	60.40
6/11/2025 12:16:50	47.80	60.60	47.30	61.10
6/11/2025 12:16:51	47.50	60.20	47.10	61.20
6/11/2025 12:16:52	47.40	60.10	47.30	60.60
6/11/2025 12:16:53	47.60	68.40	47.60	68.80
6/11/2025 12:16:54	47.70	61.40	47.50	60.70
6/11/2025 12:16:55	47.90	61.10	47.80	60.60
6/11/2025 12:16:56	48.00	62.30	47.80	60.90
6/11/2025 12:16:57	48.70	71.00	48.80	70.90
6/11/2025 12:16:58	48.70	60.90	48.10	60.10
6/11/2025 12:16:59	49.90	73.60	48.80	73.80
6/11/2025 12:17:00	49.90	63.00	48.90	62.50
6/11/2025 12:17:01	48.80	61.40	47.90	60.80
6/11/2025 12:17:02	48.90	65.80	48.70	65.20
6/11/2025 12:17:03	49.00	63.00	48.90	62.80
6/11/2025 12:17:04	49.20	64.80	49.00	64.40
6/11/2025 12:17:05	49.20	64.40	48.80	65.40
6/11/2025 12:17:06	48.80	60.80	48.20	61.10
6/11/2025 12:17:07	48.60	60.30	48.00	61.20
6/11/2025 12:17:08	48.20	61.00	47.90	60.90
6/11/2025 12:17:09	48.10	60.90	48.00	61.30
6/11/2025 12:17:10	48.10	60.20	47.70	61.40

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:17:11	49.00	65.90	49.40	66.10
6/11/2025 12:17:12	48.90	61.40	48.30	61.10
6/11/2025 12:17:13	49.70	64.20	49.00	65.40
6/11/2025 12:17:14	49.70	66.40	49.00	66.00
6/11/2025 12:17:15	49.40	62.80	48.80	64.10
6/11/2025 12:17:16	48.80	61.50	48.10	60.80
6/11/2025 12:17:17	48.40	60.10	47.60	60.00
6/11/2025 12:17:18	47.90	60.20	47.30	60.60
6/11/2025 12:17:19	47.90	61.20	47.80	61.30
6/11/2025 12:17:20	48.10	61.00	47.80	60.80
6/11/2025 12:17:21	48.10	62.60	47.70	61.40
6/11/2025 12:17:22	47.60	59.90	47.00	61.10
6/11/2025 12:17:23	47.20	59.70	46.90	60.30
6/11/2025 12:17:24	47.30	60.30	47.10	60.00
6/11/2025 12:17:25	47.40	60.90	47.40	60.60
6/11/2025 12:17:26	48.00	66.80	48.00	68.10
6/11/2025 12:17:27	48.10	70.30	47.90	70.30
6/11/2025 12:17:28	48.20	60.70	48.00	59.90
6/11/2025 12:17:29	48.10	61.80	47.80	60.50
6/11/2025 12:17:30	48.70	66.90	48.60	65.30
6/11/2025 12:17:31	49.30	66.20	49.50	66.90
6/11/2025 12:17:32	49.20	61.70	48.70	62.30
6/11/2025 12:17:33	48.70	61.10	47.80	60.80
6/11/2025 12:17:34	48.40	60.80	48.20	63.90
6/11/2025 12:17:35	49.00	62.60	49.00	63.10
6/11/2025 12:17:36	48.70	61.30	48.00	61.50
6/11/2025 12:17:37	48.30	61.30	47.70	59.80
6/11/2025 12:17:38	48.70	68.10	48.60	68.20
6/11/2025 12:17:39	48.70	63.70	48.50	62.80
6/11/2025 12:17:40	49.70	67.00	50.00	66.50
6/11/2025 12:17:41	49.90	67.30	49.10	66.90
6/11/2025 12:17:42	49.60	62.60	48.80	62.70
6/11/2025 12:17:43	48.90	62.20	48.20	61.30
6/11/2025 12:17:44	48.80	62.80	48.50	61.60
6/11/2025 12:17:45	48.50	60.50	47.90	62.10
6/11/2025 12:17:46	48.10	60.10	47.80	60.10
6/11/2025 12:17:47	48.30	64.10	48.20	64.50
6/11/2025 12:17:48	48.20	61.50	47.70	60.90
6/11/2025 12:17:49	48.20	61.50	48.20	61.70
6/11/2025 12:17:50	48.10	63.60	47.90	62.80
6/11/2025 12:17:51	48.10	63.40	47.80	64.50
6/11/2025 12:17:52	48.50	64.30	48.50	64.20
6/11/2025 12:17:53	48.30	60.50	47.40	59.30
6/11/2025 12:17:54	48.70	62.10	48.80	62.20
6/11/2025 12:17:55	49.50	65.30	49.70	64.70
6/11/2025 12:17:56	49.70	66.90	49.40	67.60
6/11/2025 12:17:57	49.30	67.90	48.40	68.00
6/11/2025 12:17:58	48.70	63.40	48.00	63.50
6/11/2025 12:17:59	48.40	60.60	47.60	60.60
6/11/2025 12:18:00	48.10	62.20	47.80	62.00
6/11/2025 12:18:01	47.80	59.70	47.10	60.50

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:18:02	47.50	60.30	47.20	61.40
6/11/2025 12:18:03	47.40	61.00	47.20	62.10
6/11/2025 12:18:04	47.60	60.40	47.40	60.30
6/11/2025 12:18:05	48.00	60.90	47.90	60.70
6/11/2025 12:18:06	47.50	59.70	46.70	60.10
6/11/2025 12:18:07	47.20	59.60	47.00	59.90
6/11/2025 12:18:08	47.20	59.80	47.00	59.30
6/11/2025 12:18:09	47.30	60.80	47.20	60.90
6/11/2025 12:18:10	48.30	68.80	48.90	69.50
6/11/2025 12:18:11	49.70	62.50	49.70	62.40
6/11/2025 12:18:12	50.00	62.10	49.50	62.30
6/11/2025 12:18:13	49.40	69.60	47.90	69.30
6/11/2025 12:18:14	49.80	63.70	50.20	63.90
6/11/2025 12:18:15	49.60	62.20	48.50	62.40
6/11/2025 12:18:16	49.20	62.70	49.10	61.80
6/11/2025 12:18:17	49.80	65.80	49.70	65.70
6/11/2025 12:18:18	49.50	64.70	48.10	64.40
6/11/2025 12:18:19	49.00	62.20	48.20	61.40
6/11/2025 12:18:20	48.30	60.60	47.20	61.00
6/11/2025 12:18:21	48.10	64.70	47.80	64.80
6/11/2025 12:18:22	48.00	59.70	46.90	59.30
6/11/2025 12:18:23	47.40	59.90	47.10	59.90
6/11/2025 12:18:24	47.30	59.70	46.90	60.30
6/11/2025 12:18:25	47.10	59.20	46.70	59.10
6/11/2025 12:18:26	47.00	59.70	46.80	59.90
6/11/2025 12:18:27	47.20	59.70	47.10	61.00
6/11/2025 12:18:28	47.70	60.80	47.70	61.70
6/11/2025 12:18:29	48.10	63.10	48.20	64.00
6/11/2025 12:18:30	48.50	62.60	48.50	63.10
6/11/2025 12:18:31	49.30	64.50	49.60	64.20
6/11/2025 12:18:32	49.30	64.90	48.80	65.40
6/11/2025 12:18:33	50.50	65.50	50.80	65.70
6/11/2025 12:18:34	50.00	62.90	49.50	62.50
6/11/2025 12:18:35	51.20	65.40	50.90	65.90
6/11/2025 12:18:36	51.70	64.00	51.90	64.50
6/11/2025 12:18:37	51.90	65.60	51.30	66.00
6/11/2025 12:18:38	51.60	64.20	50.90	64.30
6/11/2025 12:18:39	51.20	64.40	50.40	64.80
6/11/2025 12:18:40	51.00	64.30	50.80	63.90
6/11/2025 12:18:41	52.40	66.20	52.60	66.70
6/11/2025 12:18:42	55.40	70.40	55.70	70.20
6/11/2025 12:18:43	59.70	75.00	60.20	74.50
6/11/2025 12:18:44	62.80	79.90	63.50	79.80
6/11/2025 12:18:45	64.10	77.60	64.70	77.30
6/11/2025 12:18:46	64.20	76.30	63.50	76.50
6/11/2025 12:18:47	63.30	75.00	59.00	74.90
6/11/2025 12:18:48	60.90	67.30	55.40	67.50
6/11/2025 12:18:49	58.20	66.00	53.00	66.30
6/11/2025 12:18:50	55.70	65.00	51.40	66.10
6/11/2025 12:18:51	53.40	63.00	49.60	63.10
6/11/2025 12:18:52	51.30	61.40	48.20	60.60

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:18:53	49.60	60.70	47.40	60.70
6/11/2025 12:18:54	48.30	59.80	47.10	59.90
6/11/2025 12:18:55	47.60	60.70	47.00	60.80
6/11/2025 12:18:56	47.40	60.60	47.20	59.40
6/11/2025 12:18:57	47.80	61.80	47.90	61.70
6/11/2025 12:18:58	47.70	60.00	47.50	60.50
6/11/2025 12:18:59	48.60	61.60	48.80	62.20
6/11/2025 12:19:00	49.50	62.30	49.60	63.00
6/11/2025 12:19:01	50.90	64.20	51.10	64.90
6/11/2025 12:19:02	54.60	68.40	54.80	68.30
6/11/2025 12:19:03	59.80	75.50	60.00	75.40
6/11/2025 12:19:04	66.20	82.60	66.30	82.50
6/11/2025 12:19:05	71.70	87.90	72.70	87.80
6/11/2025 12:19:06	71.70	82.40	69.70	82.30
6/11/2025 12:19:07	70.00	77.50	63.90	77.50
6/11/2025 12:19:08	66.90	72.60	57.80	72.40
6/11/2025 12:19:09	63.30	68.40	53.80	68.40
6/11/2025 12:19:10	59.70	61.30	48.80	61.10
6/11/2025 12:19:11	55.90	65.50	48.80	65.70
6/11/2025 12:19:12	52.90	60.70	47.40	60.30
6/11/2025 12:19:13	50.30	69.10	49.00	68.40
6/11/2025 12:19:14	50.20	62.70	49.50	63.20
6/11/2025 12:19:15	49.40	61.40	48.30	61.20
6/11/2025 12:19:16	49.10	61.70	49.20	62.60
6/11/2025 12:19:17	50.20	64.60	50.20	66.20
6/11/2025 12:19:18	49.90	62.20	48.10	61.80
6/11/2025 12:19:19	48.70	63.30	47.50	62.50
6/11/2025 12:19:20	48.70	67.30	48.50	67.30
6/11/2025 12:19:21	48.40	61.70	47.80	61.50
6/11/2025 12:19:22	48.20	62.30	47.90	63.00
6/11/2025 12:19:23	48.60	61.80	48.50	63.10
6/11/2025 12:19:24	48.50	60.00	47.80	60.60
6/11/2025 12:19:25	48.00	60.80	47.10	60.40
6/11/2025 12:19:26	48.00	62.50	47.90	62.40
6/11/2025 12:19:27	48.10	61.80	48.00	61.40
6/11/2025 12:19:28	48.10	62.00	47.90	61.70
6/11/2025 12:19:29	48.60	64.10	48.60	63.80
6/11/2025 12:19:30	48.60	62.40	48.40	62.30
6/11/2025 12:19:31	48.70	63.50	48.60	63.50
6/11/2025 12:19:32	48.50	61.30	48.20	61.10
6/11/2025 12:19:33	48.60	66.50	48.20	65.90
6/11/2025 12:19:34	48.60	61.70	48.40	60.60
6/11/2025 12:19:35	48.50	62.50	48.30	63.30
6/11/2025 12:19:36	48.40	61.00	48.10	61.80
6/11/2025 12:19:37	48.20	61.80	47.90	62.30
6/11/2025 12:19:38	48.20	60.40	48.00	60.70
6/11/2025 12:19:39	48.20	61.50	48.10	61.50
6/11/2025 12:19:40	48.60	65.10	48.50	65.10
6/11/2025 12:19:41	48.50	60.60	47.80	60.90
6/11/2025 12:19:42	49.30	63.80	49.40	63.70
6/11/2025 12:19:43	49.80	68.90	49.90	68.60

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:19:44	49.70	62.00	48.60	61.30
6/11/2025 12:19:45	49.40	66.80	49.20	66.90
6/11/2025 12:19:46	49.40	61.20	48.80	62.30
6/11/2025 12:19:47	49.00	66.00	48.80	65.90
6/11/2025 12:19:48	49.50	62.90	49.60	63.70
6/11/2025 12:19:49	50.00	63.70	50.00	63.20
6/11/2025 12:19:50	50.00	66.20	49.80	66.00
6/11/2025 12:19:51	50.20	62.80	50.00	62.50
6/11/2025 12:19:52	49.90	62.60	49.40	62.40
6/11/2025 12:19:53	49.90	63.00	49.80	62.70
6/11/2025 12:19:54	49.80	62.40	49.40	62.10
6/11/2025 12:19:55	49.70	62.40	49.20	62.20
6/11/2025 12:19:56	52.10	68.90	51.50	69.50
6/11/2025 12:19:57	52.60	66.70	53.00	66.70
6/11/2025 12:19:58	52.90	66.10	52.90	65.40
6/11/2025 12:19:59	54.30	67.70	54.70	67.60
6/11/2025 12:20:00	56.60	71.50	56.60	71.30
6/11/2025 12:20:01	60.70	76.70	60.80	76.90
6/11/2025 12:20:02	64.00	78.80	64.80	78.60
6/11/2025 12:20:03	64.80	79.70	65.10	79.70
6/11/2025 12:20:04	64.50	74.60	61.50	74.70
6/11/2025 12:20:05	62.50	72.20	59.00	71.50
6/11/2025 12:20:06	60.50	67.90	56.00	68.90
6/11/2025 12:20:07	58.10	66.80	53.80	67.00
6/11/2025 12:20:08	55.90	68.50	52.90	67.10
6/11/2025 12:20:09	54.20	66.40	51.50	66.40
6/11/2025 12:20:10	52.90	64.60	51.60	64.70
6/11/2025 12:20:11	52.30	65.00	52.20	65.60
6/11/2025 12:20:12	53.90	66.00	54.20	66.30
6/11/2025 12:20:13	54.60	66.20	54.70	66.00
6/11/2025 12:20:14	54.60	68.00	53.90	68.00
6/11/2025 12:20:15	54.10	64.70	52.50	65.10
6/11/2025 12:20:16	53.10	65.50	52.40	65.10
6/11/2025 12:20:17	53.80	69.20	53.50	69.40
6/11/2025 12:20:18	56.00	78.80	56.60	79.00
6/11/2025 12:20:19	55.90	65.10	54.10	64.90
6/11/2025 12:20:20	54.70	65.50	52.60	65.00
6/11/2025 12:20:21	53.80	67.00	53.60	67.10
6/11/2025 12:20:22	55.80	69.60	56.00	69.50
6/11/2025 12:20:23	58.80	74.90	59.10	75.00
6/11/2025 12:20:24	61.80	75.60	62.50	75.60
6/11/2025 12:20:25	65.30	89.70	65.40	89.50
6/11/2025 12:20:26	65.30	78.70	64.80	78.70
6/11/2025 12:20:27	64.60	75.20	62.40	74.80
6/11/2025 12:20:28	63.00	74.10	59.00	73.70
6/11/2025 12:20:29	60.80	70.10	56.90	70.00
6/11/2025 12:20:30	58.70	69.20	55.20	69.30
6/11/2025 12:20:31	56.70	69.70	55.60	69.50
6/11/2025 12:20:32	56.40	66.70	53.50	66.70
6/11/2025 12:20:33	54.60	65.20	51.00	64.80
6/11/2025 12:20:34	52.50	65.80	50.70	65.00

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:20:35	51.70	66.40	51.30	66.30
6/11/2025 12:20:36	53.30	66.00	53.20	66.50
6/11/2025 12:20:37	53.40	64.00	52.20	64.40
6/11/2025 12:20:38	52.40	73.10	51.70	73.40
6/11/2025 12:20:39	52.00	69.00	50.30	68.80
6/11/2025 12:20:40	51.00	66.00	50.30	66.90
6/11/2025 12:20:41	50.90	63.60	50.80	64.20
6/11/2025 12:20:42	54.00	68.30	54.10	68.30
6/11/2025 12:20:43	56.00	69.60	56.80	69.10
6/11/2025 12:20:44	56.60	69.20	56.80	68.60
6/11/2025 12:20:45	56.80	69.40	56.90	69.00
6/11/2025 12:20:46	56.80	69.30	56.30	69.30
6/11/2025 12:20:47	57.10	72.80	56.70	72.90
6/11/2025 12:20:48	58.10	70.50	58.60	70.40
6/11/2025 12:20:49	59.40	72.50	59.70	71.80
6/11/2025 12:20:50	59.80	71.90	60.10	72.60
6/11/2025 12:20:51	59.80	71.90	59.10	71.70
6/11/2025 12:20:52	59.20	71.80	58.40	71.90
6/11/2025 12:20:53	58.60	69.80	58.00	70.10
6/11/2025 12:20:54	58.30	72.10	57.20	72.40
6/11/2025 12:20:55	57.50	70.40	56.70	70.70
6/11/2025 12:20:56	56.90	68.30	55.80	67.50
6/11/2025 12:20:57	56.30	69.40	56.10	69.60
6/11/2025 12:20:58	56.30	70.20	56.00	70.10
6/11/2025 12:20:59	59.60	77.20	60.00	77.40
6/11/2025 12:21:00	62.50	76.60	63.10	76.30
6/11/2025 12:21:01	64.30	77.60	65.10	77.70
6/11/2025 12:21:02	64.80	78.30	64.80	78.40
6/11/2025 12:21:03	64.40	74.70	60.90	74.30
6/11/2025 12:21:04	62.10	70.70	56.50	70.90
6/11/2025 12:21:05	59.40	68.60	55.30	68.50
6/11/2025 12:21:06	57.20	71.30	53.80	70.90
6/11/2025 12:21:07	55.30	67.40	51.70	68.20
6/11/2025 12:21:08	53.40	65.80	52.10	65.70
6/11/2025 12:21:09	52.60	69.50	51.70	68.90
6/11/2025 12:21:10	52.90	75.00	52.70	75.10
6/11/2025 12:21:11	53.20	67.80	53.30	67.50
6/11/2025 12:21:12	53.10	68.20	52.10	68.70
6/11/2025 12:21:13	52.30	64.50	50.20	64.00
6/11/2025 12:21:14	51.30	64.40	50.60	64.90
6/11/2025 12:21:15	50.90	67.50	50.40	67.60
6/11/2025 12:21:16	50.40	66.80	49.30	66.60
6/11/2025 12:21:17	49.90	63.80	49.40	64.20
6/11/2025 12:21:18	50.10	64.60	49.50	64.90
6/11/2025 12:21:19	49.40	61.00	47.80	59.90
6/11/2025 12:21:20	48.50	60.00	47.80	60.80
6/11/2025 12:21:21	49.20	63.40	49.20	64.10
6/11/2025 12:21:22	49.20	63.40	48.80	63.00
6/11/2025 12:21:23	49.30	67.50	49.10	67.00
6/11/2025 12:21:24	49.10	61.40	48.30	61.10
6/11/2025 12:21:25	49.80	66.90	50.00	66.90

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:21:26	49.70	62.90	49.10	62.90
6/11/2025 12:21:27	49.40	63.90	48.90	64.80
6/11/2025 12:21:28	49.50	63.30	48.80	61.60
6/11/2025 12:21:29	49.10	62.40	48.70	61.30
6/11/2025 12:21:30	48.80	60.50	47.50	61.10
6/11/2025 12:21:31	48.30	61.40	47.90	61.70
6/11/2025 12:21:32	48.30	60.40	48.20	60.90
6/11/2025 12:21:33	48.50	60.60	48.50	61.60
6/11/2025 12:21:34	49.10	61.10	49.10	61.60
6/11/2025 12:21:35	49.70	64.10	49.90	64.00
6/11/2025 12:21:36	51.10	72.80	50.40	73.00
6/11/2025 12:21:37	51.00	62.50	50.50	62.70
6/11/2025 12:21:38	50.80	65.20	50.40	64.40
6/11/2025 12:21:39	50.80	63.70	50.40	63.60
6/11/2025 12:21:40	50.50	69.50	49.80	69.70
6/11/2025 12:21:41	50.00	62.70	49.50	62.70
6/11/2025 12:21:42	49.70	63.10	48.60	62.80
6/11/2025 12:21:43	49.30	65.80	49.30	65.70
6/11/2025 12:21:44	49.10	61.90	48.40	61.80
6/11/2025 12:21:45	49.00	61.90	48.90	60.90
6/11/2025 12:21:46	49.50	63.10	49.30	62.70
6/11/2025 12:21:47	49.40	65.10	49.10	65.00
6/11/2025 12:21:48	49.20	62.20	48.70	62.00
6/11/2025 12:21:49	49.80	63.40	49.60	63.90
6/11/2025 12:21:50	50.50	63.70	50.60	63.60
6/11/2025 12:21:51	51.30	64.40	51.30	64.60
6/11/2025 12:21:52	51.90	68.00	51.70	68.80
6/11/2025 12:21:53	52.10	64.60	52.10	64.60
6/11/2025 12:21:54	54.10	70.20	54.20	69.60
6/11/2025 12:21:55	56.20	69.40	56.50	69.30
6/11/2025 12:21:56	60.70	75.00	60.90	75.00
6/11/2025 12:21:57	66.60	81.50	66.90	81.40
6/11/2025 12:21:58	68.10	83.10	68.80	83.10
6/11/2025 12:21:59	67.60	77.40	64.10	77.40
6/11/2025 12:22:00	65.40	73.60	59.90	73.20
6/11/2025 12:22:01	62.50	66.40	54.70	66.40
6/11/2025 12:22:02	59.20	69.70	53.00	69.70
6/11/2025 12:22:03	56.40	62.30	50.50	62.10
6/11/2025 12:22:04	53.60	62.50	49.80	62.10
6/11/2025 12:22:05	51.60	64.10	50.20	65.00
6/11/2025 12:22:06	52.70	66.40	52.40	66.00
6/11/2025 12:22:07	56.40	68.00	57.50	68.00
6/11/2025 12:22:08	57.60	68.40	57.70	68.70
6/11/2025 12:22:09	59.00	71.00	59.40	70.80
6/11/2025 12:22:10	59.80	72.10	59.90	72.10
6/11/2025 12:22:11	64.60	84.20	64.60	84.10
6/11/2025 12:22:12	66.20	85.60	66.90	85.50
6/11/2025 12:22:13	65.60	74.70	62.40	74.80
6/11/2025 12:22:14	63.60	72.70	58.50	72.90
6/11/2025 12:22:15	60.90	67.90	54.30	67.10
6/11/2025 12:22:16	57.90	62.80	51.40	63.70

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:22:17	54.90	63.70	49.50	63.50
6/11/2025 12:22:18	52.20	61.40	48.10	60.60
6/11/2025 12:22:19	50.10	61.50	48.10	61.30
6/11/2025 12:22:20	49.10	61.70	48.40	61.70
6/11/2025 12:22:21	49.20	61.70	49.10	62.00
6/11/2025 12:22:22	49.00	61.10	48.60	61.30
6/11/2025 12:22:23	49.00	61.60	48.80	61.30
6/11/2025 12:22:24	50.00	69.10	50.00	69.50
6/11/2025 12:22:25	49.90	62.80	49.50	62.00
6/11/2025 12:22:26	49.90	63.40	49.90	62.90
6/11/2025 12:22:27	50.00	61.90	49.20	63.10
6/11/2025 12:22:28	49.80	64.30	49.40	64.30
6/11/2025 12:22:29	49.90	62.70	49.50	63.00
6/11/2025 12:22:30	49.50	60.70	48.80	61.30
6/11/2025 12:22:31	50.10	64.10	50.40	63.90
6/11/2025 12:22:32	51.40	65.90	51.30	65.20
6/11/2025 12:22:33	54.50	69.20	54.80	69.00
6/11/2025 12:22:34	57.20	71.60	57.80	71.70
6/11/2025 12:22:35	59.50	76.10	60.10	76.00
6/11/2025 12:22:36	60.90	73.70	61.30	73.30
6/11/2025 12:22:37	61.80	74.90	62.40	74.60
6/11/2025 12:22:38	61.80	73.10	61.10	73.30
6/11/2025 12:22:39	61.40	73.40	60.00	73.10
6/11/2025 12:22:40	60.20	70.80	56.80	70.70
6/11/2025 12:22:41	58.20	67.00	53.80	66.90
6/11/2025 12:22:42	55.80	66.00	52.90	66.40
6/11/2025 12:22:43	54.40	66.90	53.10	66.30
6/11/2025 12:22:44	53.70	66.70	53.50	66.80
6/11/2025 12:22:45	55.40	69.30	55.40	69.00
6/11/2025 12:22:46	59.70	74.20	60.00	74.20
6/11/2025 12:22:47	65.90	80.90	66.00	80.80
6/11/2025 12:22:48	70.90	92.30	72.10	92.30
6/11/2025 12:22:49	70.70	79.10	66.70	79.20
6/11/2025 12:22:50	68.10	73.70	60.50	74.10
6/11/2025 12:22:51	64.80	66.80	54.90	66.70
6/11/2025 12:22:52	61.10	64.80	52.00	64.40
6/11/2025 12:22:53	57.60	62.20	49.50	62.40
6/11/2025 12:22:54	54.30	66.80	49.20	66.40
6/11/2025 12:22:55	51.80	65.70	48.30	66.00
6/11/2025 12:22:56	50.00	61.00	48.20	60.40
6/11/2025 12:22:57	50.40	70.60	50.60	70.20
6/11/2025 12:22:58	51.40	70.50	51.00	70.50
6/11/2025 12:22:59	51.40	62.80	50.10	63.40
6/11/2025 12:23:00	50.70	63.00	50.50	62.80
6/11/2025 12:23:01	50.60	62.90	49.90	63.30
6/11/2025 12:23:02	50.10	62.80	49.70	63.20
6/11/2025 12:23:03	50.30	70.10	50.30	70.00
6/11/2025 12:23:04	51.10	63.70	51.30	64.00
6/11/2025 12:23:05	51.40	66.10	51.40	66.80
6/11/2025 12:23:06	51.20	64.10	50.70	63.90
6/11/2025 12:23:07	50.90	64.60	50.60	64.90

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:23:08	51.20	66.80	51.10	65.90
6/11/2025 12:23:09	52.50	67.30	52.80	67.80
6/11/2025 12:23:10	55.20	70.70	55.50	70.80
6/11/2025 12:23:11	61.70	78.00	62.10	78.10
6/11/2025 12:23:12	68.50	83.60	68.80	83.60
6/11/2025 12:23:13	70.60	88.60	71.60	88.50
6/11/2025 12:23:14	70.30	81.70	69.30	81.40
6/11/2025 12:23:15	70.50	85.10	70.40	85.00
6/11/2025 12:23:16	70.00	79.00	66.50	78.90
6/11/2025 12:23:17	67.90	75.50	61.50	75.60
6/11/2025 12:23:18	64.70	70.00	57.80	69.80
6/11/2025 12:23:19	61.70	69.20	57.00	69.10
6/11/2025 12:23:20	59.30	68.70	55.90	68.70
6/11/2025 12:23:21	57.50	68.90	55.50	68.50
6/11/2025 12:23:22	57.50	76.80	57.20	76.80
6/11/2025 12:23:23	57.70	71.40	57.30	71.60
6/11/2025 12:23:24	57.20	72.60	56.00	72.50
6/11/2025 12:23:25	56.40	68.00	55.00	68.00
6/11/2025 12:23:26	55.50	65.80	53.50	65.50
6/11/2025 12:23:27	54.30	65.60	52.80	64.50
6/11/2025 12:23:28	53.50	66.50	52.90	66.50
6/11/2025 12:23:29	53.10	66.90	52.70	67.10
6/11/2025 12:23:30	52.90	64.60	52.20	64.40
6/11/2025 12:23:31	52.50	65.90	52.10	65.30
6/11/2025 12:23:32	53.00	66.90	53.40	67.10
6/11/2025 12:23:33	53.20	66.10	53.20	65.90
6/11/2025 12:23:34	53.60	66.20	53.50	66.20
6/11/2025 12:23:35	54.70	69.30	54.70	70.00
6/11/2025 12:23:36	57.10	71.90	57.70	71.60
6/11/2025 12:23:37	63.20	78.40	63.30	78.20
6/11/2025 12:23:38	67.20	81.50	68.20	81.40
6/11/2025 12:23:39	67.30	80.60	66.50	80.40
6/11/2025 12:23:40	66.20	75.40	62.20	75.00
6/11/2025 12:23:41	63.90	72.40	58.40	72.60
6/11/2025 12:23:42	61.20	71.70	57.00	71.10
6/11/2025 12:23:43	58.90	72.00	54.50	71.50
6/11/2025 12:23:44	56.50	67.80	52.90	67.90
6/11/2025 12:23:45	54.70	65.00	52.20	66.00
6/11/2025 12:23:46	53.30	69.00	52.50	68.50
6/11/2025 12:23:47	53.40	65.70	53.00	66.10
6/11/2025 12:23:48	54.70	72.80	54.50	73.00
6/11/2025 12:23:49	54.00	65.30	52.30	65.40
6/11/2025 12:23:50	52.90	65.60	52.20	66.70
6/11/2025 12:23:51	52.60	65.00	52.10	65.70
6/11/2025 12:23:52	52.30	65.40	51.90	64.50
6/11/2025 12:23:53	52.20	65.60	51.90	65.00
6/11/2025 12:23:54	52.40	66.20	52.50	65.50
6/11/2025 12:23:55	53.30	71.80	53.30	71.90
6/11/2025 12:23:56	53.20	65.00	52.60	65.20
6/11/2025 12:23:57	53.10	65.40	52.90	65.70
6/11/2025 12:23:58	52.80	68.40	52.50	67.80

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:23:59	52.80	64.60	52.20	64.40
6/11/2025 12:24:00	52.60	70.40	52.60	70.40
6/11/2025 12:24:01	52.60	64.90	52.10	65.10
6/11/2025 12:24:02	52.20	64.00	51.80	64.50
6/11/2025 12:24:03	52.10	64.50	51.90	64.80
6/11/2025 12:24:04	52.10	64.70	52.00	64.70
6/11/2025 12:24:05	52.20	65.40	51.90	64.40
6/11/2025 12:24:06	52.30	68.90	52.20	69.20
6/11/2025 12:24:07	52.20	64.50	51.70	64.50
6/11/2025 12:24:08	51.80	63.70	51.50	64.10
6/11/2025 12:24:09	51.90	64.70	51.70	65.10
6/11/2025 12:24:10	51.80	65.40	51.80	66.20
6/11/2025 12:24:11	51.80	64.60	51.50	64.40
6/11/2025 12:24:12	51.90	67.50	51.80	67.50
6/11/2025 12:24:13	52.00	64.90	51.80	64.20
6/11/2025 12:24:14	51.90	64.30	52.00	64.50
6/11/2025 12:24:15	52.20	64.70	52.10	64.50
6/11/2025 12:24:16	52.40	69.00	52.30	68.50
6/11/2025 12:24:17	52.40	65.00	52.30	64.90
6/11/2025 12:24:18	52.90	65.90	53.00	65.30
6/11/2025 12:24:19	52.90	65.60	52.50	65.80
6/11/2025 12:24:20	53.50	68.20	53.50	67.90
6/11/2025 12:24:21	56.50	76.70	57.00	76.80
6/11/2025 12:24:22	64.90	81.00	64.40	81.00
6/11/2025 12:24:23	69.00	82.50	70.40	82.40
6/11/2025 12:24:24	68.90	80.40	67.20	80.40
6/11/2025 12:24:25	67.60	75.00	61.80	75.10
6/11/2025 12:24:26	64.60	73.40	58.40	73.20
6/11/2025 12:24:27	61.70	66.50	54.90	66.80
6/11/2025 12:24:28	58.60	66.20	53.40	66.30
6/11/2025 12:24:29	56.10	65.30	52.60	65.60
6/11/2025 12:24:30	54.20	65.40	52.10	64.50
6/11/2025 12:24:31	53.00	64.90	52.40	64.50
6/11/2025 12:24:32	53.00	68.10	52.80	67.00
6/11/2025 12:24:33	53.20	67.50	52.70	68.40
6/11/2025 12:24:34	52.60	63.80	51.60	64.50
6/11/2025 12:24:35	52.30	64.60	52.10	64.90
6/11/2025 12:24:36	52.40	65.50	52.30	64.10
6/11/2025 12:24:37	52.30	64.20	52.10	64.40
6/11/2025 12:24:38	53.10	69.00	53.20	69.50
6/11/2025 12:24:39	52.90	66.70	52.10	67.00
6/11/2025 12:24:40	52.40	65.40	52.30	65.80
6/11/2025 12:24:41	52.80	65.30	52.80	65.20
6/11/2025 12:24:42	54.50	66.90	54.80	66.50
6/11/2025 12:24:43	57.30	73.40	57.80	72.80
6/11/2025 12:24:44	59.80	74.80	60.40	74.50
6/11/2025 12:24:45	64.70	83.50	63.40	83.50
6/11/2025 12:24:46	64.70	76.10	65.00	76.20
6/11/2025 12:24:47	67.70	87.20	68.10	87.10
6/11/2025 12:24:48	67.80	79.30	66.10	79.10
6/11/2025 12:24:49	66.20	74.90	61.30	74.80

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:24:50	63.50	70.40	57.30	70.90
6/11/2025 12:24:51	60.60	67.90	54.60	68.20
6/11/2025 12:24:52	57.70	68.60	53.00	68.80
6/11/2025 12:24:53	55.30	65.50	51.60	65.60
6/11/2025 12:24:54	53.40	69.60	52.20	70.00
6/11/2025 12:24:55	59.00	79.60	59.30	79.70
6/11/2025 12:24:56	57.40	65.10	52.90	65.80
6/11/2025 12:24:57	55.10	67.60	52.60	67.20
6/11/2025 12:24:58	53.90	66.50	53.60	65.70
6/11/2025 12:24:59	53.70	65.40	52.30	65.30
6/11/2025 12:25:00	52.70	65.30	51.50	65.40
6/11/2025 12:25:01	52.00	65.10	51.40	65.70
6/11/2025 12:25:02	51.70	63.90	51.20	64.50
6/11/2025 12:25:03	51.40	63.50	51.00	63.70
6/11/2025 12:25:04	51.40	64.60	51.10	65.40
6/11/2025 12:25:05	51.10	64.50	50.90	64.50
6/11/2025 12:25:06	51.30	64.80	51.20	64.40
6/11/2025 12:25:07	51.30	64.50	51.10	63.40
6/11/2025 12:25:08	51.30	64.70	51.30	64.00
6/11/2025 12:25:09	51.30	63.80	50.60	63.40
6/11/2025 12:25:10	51.10	64.60	51.00	64.30
6/11/2025 12:25:11	51.20	64.50	51.20	64.60
6/11/2025 12:25:12	51.30	64.70	51.10	64.30
6/11/2025 12:25:13	51.40	66.70	51.30	66.70
6/11/2025 12:25:14	51.90	64.80	51.80	65.90
6/11/2025 12:25:15	52.00	64.80	51.50	65.10
6/11/2025 12:25:16	51.50	64.00	51.30	64.20
6/11/2025 12:25:17	51.90	64.90	52.00	65.30
6/11/2025 12:25:18	51.90	64.40	51.40	64.00
6/11/2025 12:25:19	52.30	67.00	52.40	66.70
6/11/2025 12:25:20	52.10	63.40	51.20	63.20
6/11/2025 12:25:21	51.50	63.30	51.20	64.00
6/11/2025 12:25:22	51.40	64.20	51.20	64.00
6/11/2025 12:25:23	51.40	63.80	51.40	63.70
6/11/2025 12:25:24	51.50	65.10	51.40	65.10
6/11/2025 12:25:25	51.90	64.40	51.90	65.00
6/11/2025 12:25:26	51.80	64.60	51.60	63.80
6/11/2025 12:25:27	52.00	64.20	52.00	64.10
6/11/2025 12:25:28	52.50	67.70	52.60	68.30
6/11/2025 12:25:29	52.90	74.10	52.50	74.30
6/11/2025 12:25:30	52.60	66.00	51.80	65.40
6/11/2025 12:25:31	52.40	64.70	51.60	64.90
6/11/2025 12:25:32	51.80	64.00	51.50	64.30
6/11/2025 12:25:33	51.90	66.10	51.60	65.00
6/11/2025 12:25:34	52.00	64.70	52.00	64.70
6/11/2025 12:25:35	52.40	66.20	52.40	66.10
6/11/2025 12:25:36	53.30	67.50	53.50	67.40
6/11/2025 12:25:37	53.50	69.30	53.60	69.30
6/11/2025 12:25:38	53.40	65.30	52.80	65.20
6/11/2025 12:25:39	53.60	66.90	53.60	66.70
6/11/2025 12:25:40	54.40	68.30	54.50	67.80

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:25:41	54.40	68.20	54.40	68.00
6/11/2025 12:25:42	55.10	68.20	55.10	68.00
6/11/2025 12:25:43	55.70	68.60	56.00	69.10
6/11/2025 12:25:44	55.50	66.60	54.20	66.50
6/11/2025 12:25:45	54.70	67.00	53.50	66.40
6/11/2025 12:25:46	54.60	67.80	54.30	68.30
6/11/2025 12:25:47	55.80	69.40	56.30	69.30
6/11/2025 12:25:48	55.70	67.70	55.30	68.10
6/11/2025 12:25:49	55.90	67.80	55.20	67.60
6/11/2025 12:25:50	55.20	67.60	55.00	67.70
6/11/2025 12:25:51	55.90	69.00	56.10	68.40
6/11/2025 12:25:52	57.60	69.70	58.00	69.70
6/11/2025 12:25:53	57.60	71.50	56.80	71.60
6/11/2025 12:25:54	57.20	68.80	57.00	68.60
6/11/2025 12:25:55	57.10	69.70	56.80	69.30
6/11/2025 12:25:56	58.70	71.90	59.20	72.50
6/11/2025 12:25:57	58.80	70.20	58.40	70.80
6/11/2025 12:25:58	58.40	68.50	56.00	68.30
6/11/2025 12:25:59	56.70	71.60	55.40	70.70
6/11/2025 12:26:00	56.70	68.70	56.50	68.40
6/11/2025 12:26:01	56.50	69.30	55.60	69.00
6/11/2025 12:26:02	55.80	67.70	55.00	68.50
6/11/2025 12:26:03	55.30	67.70	54.40	68.40
6/11/2025 12:26:04	54.80	67.90	54.60	68.50
6/11/2025 12:26:05	54.70	67.10	53.80	67.00
6/11/2025 12:26:06	54.20	66.10	53.70	66.00
6/11/2025 12:26:07	54.40	68.60	54.50	68.50
6/11/2025 12:26:08	54.20	66.50	53.50	66.10
6/11/2025 12:26:09	54.10	66.60	54.00	66.80
6/11/2025 12:26:10	54.20	65.80	53.80	66.00
6/11/2025 12:26:11	53.70	66.30	52.60	66.50
6/11/2025 12:26:12	53.00	65.40	52.80	65.80
6/11/2025 12:26:13	53.00	64.50	52.90	64.70
6/11/2025 12:26:14	52.90	65.00	52.50	65.30
6/11/2025 12:26:15	52.60	65.60	52.50	65.50
6/11/2025 12:26:16	52.70	66.70	52.60	66.50
6/11/2025 12:26:17	52.70	64.60	52.30	65.60
6/11/2025 12:26:18	52.40	65.30	51.80	64.60
6/11/2025 12:26:19	52.10	64.30	51.80	65.10
6/11/2025 12:26:20	51.90	64.30	51.70	63.80
6/11/2025 12:26:21	51.80	64.30	51.50	65.50
6/11/2025 12:26:22	51.70	65.00	51.50	66.30
6/11/2025 12:26:23	52.10	65.00	52.10	65.40
6/11/2025 12:26:24	52.20	65.70	52.10	65.60
6/11/2025 12:26:25	52.10	64.10	51.70	64.00
6/11/2025 12:26:26	52.50	67.00	52.60	67.30
6/11/2025 12:26:27	52.50	64.60	52.10	64.60
6/11/2025 12:26:28	52.20	64.90	51.90	64.90
6/11/2025 12:26:29	52.00	64.70	51.30	64.90
6/11/2025 12:26:30	51.50	63.20	51.10	64.00
6/11/2025 12:26:31	51.40	64.70	51.20	64.50

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:26:32	51.40	64.10	51.30	64.50
6/11/2025 12:26:33	51.70	64.20	51.70	65.60
6/11/2025 12:26:34	52.10	65.20	52.20	64.00
6/11/2025 12:26:35	52.10	64.20	51.90	64.20
6/11/2025 12:26:36	52.00	64.80	52.00	65.60
6/11/2025 12:26:37	52.60	65.10	52.80	64.60
6/11/2025 12:26:38	53.40	66.40	53.60	66.20
6/11/2025 12:26:39	55.60	69.60	55.80	69.00
6/11/2025 12:26:40	60.10	75.40	59.70	75.50
6/11/2025 12:26:41	68.60	83.20	69.30	83.20
6/11/2025 12:26:42	69.00	82.60	68.70	82.40
6/11/2025 12:26:43	68.10	79.30	64.20	79.40
6/11/2025 12:26:44	65.70	73.90	60.90	74.10
6/11/2025 12:26:45	63.40	74.90	61.70	74.60
6/11/2025 12:26:46	63.90	77.70	64.00	77.70
6/11/2025 12:26:47	64.00	77.10	63.80	76.90
6/11/2025 12:26:48	64.10	76.00	63.40	76.10
6/11/2025 12:26:49	63.20	72.00	58.40	71.80
6/11/2025 12:26:50	60.40	66.80	53.80	66.00
6/11/2025 12:26:51	57.50	66.60	53.30	66.30
6/11/2025 12:26:52	55.40	65.10	52.60	65.10
6/11/2025 12:26:53	53.80	65.90	52.80	65.70
6/11/2025 12:26:54	53.40	65.80	53.40	66.20
6/11/2025 12:26:55	53.70	66.90	53.70	66.40
6/11/2025 12:26:56	54.00	68.20	54.20	68.40
6/11/2025 12:26:57	54.50	66.90	54.50	67.10
6/11/2025 12:26:58	55.70	70.00	56.00	70.30
6/11/2025 12:26:59	57.20	70.30	57.60	69.70
6/11/2025 12:27:00	58.30	73.80	58.70	73.90
6/11/2025 12:27:01	60.10	73.10	60.70	73.10
6/11/2025 12:27:02	60.60	73.60	60.70	74.00
6/11/2025 12:27:03	60.50	71.20	59.20	71.30
6/11/2025 12:27:04	59.60	71.80	57.40	71.90
6/11/2025 12:27:05	58.20	68.80	56.20	69.00
6/11/2025 12:27:06	58.90	73.80	59.00	73.90
6/11/2025 12:27:07	62.10	78.80	62.50	78.90
6/11/2025 12:27:08	64.50	79.10	65.30	79.40
6/11/2025 12:27:09	65.00	79.10	65.20	79.30
6/11/2025 12:27:10	64.70	74.50	62.40	73.90
6/11/2025 12:27:11	63.10	72.30	60.50	72.30
6/11/2025 12:27:12	62.50	76.40	61.90	76.00
6/11/2025 12:27:13	70.90	85.90	70.10	86.10
6/11/2025 12:27:14	77.20	91.40	78.70	91.50
6/11/2025 12:27:15	76.60	85.70	71.30	85.60
6/11/2025 12:27:16	73.70	79.70	66.10	79.60
6/11/2025 12:27:17	70.40	73.60	61.30	74.00
6/11/2025 12:27:18	66.80	71.00	58.60	71.00
6/11/2025 12:27:19	63.50	70.60	57.20	70.20
6/11/2025 12:27:20	60.60	67.10	53.90	66.50
6/11/2025 12:27:21	57.60	72.30	53.30	72.30
6/11/2025 12:27:22	56.00	74.30	55.10	74.40

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:27:23	56.30	78.00	55.80	77.80
6/11/2025 12:27:24	55.40	74.30	53.50	73.90
6/11/2025 12:27:25	54.40	79.20	53.50	79.30
6/11/2025 12:27:26	53.90	71.10	52.90	71.80
6/11/2025 12:27:27	54.80	73.90	55.00	73.80
6/11/2025 12:27:28	56.40	74.40	57.10	74.20
6/11/2025 12:27:29	56.70	78.00	56.80	77.80
6/11/2025 12:27:30	56.50	66.60	54.60	66.80
6/11/2025 12:27:31	55.40	77.90	54.70	78.10
6/11/2025 12:27:32	55.40	66.90	55.20	67.00
6/11/2025 12:27:33	55.20	66.90	54.70	67.50
6/11/2025 12:27:34	54.70	67.30	53.40	67.30
6/11/2025 12:27:35	53.80	65.10	52.40	64.80
6/11/2025 12:27:36	52.90	64.20	52.10	64.50
6/11/2025 12:27:37	52.60	66.80	52.40	66.40
6/11/2025 12:27:38	53.10	69.20	53.10	69.30
6/11/2025 12:27:39	52.90	64.90	51.90	64.50
6/11/2025 12:27:40	52.30	65.40	51.60	63.90
6/11/2025 12:27:41	52.00	65.30	51.90	65.40
6/11/2025 12:27:42	52.10	65.70	52.00	65.70
6/11/2025 12:27:43	52.50	65.00	52.70	65.70
6/11/2025 12:27:44	53.00	69.70	52.70	69.60
6/11/2025 12:27:45	52.50	64.60	51.70	65.40
6/11/2025 12:27:46	52.20	67.20	51.80	66.90
6/11/2025 12:27:47	52.20	65.20	52.20	65.80
6/11/2025 12:27:48	52.20	66.20	51.80	66.60
6/11/2025 12:27:49	51.90	64.60	51.40	64.00
6/11/2025 12:27:50	52.00	64.30	52.10	64.60
6/11/2025 12:27:51	52.00	65.30	51.50	64.90
6/11/2025 12:27:52	55.40	77.50	55.40	77.60
6/11/2025 12:27:53	53.80	63.20	51.30	63.20
6/11/2025 12:27:54	52.40	63.40	50.90	63.70
6/11/2025 12:27:55	51.60	63.50	50.90	64.60
6/11/2025 12:27:56	51.30	67.70	51.00	67.60
6/11/2025 12:27:57	51.10	64.40	51.00	63.30
6/11/2025 12:27:58	51.60	66.20	51.70	66.60
6/11/2025 12:27:59	52.60	73.60	52.50	73.20
6/11/2025 12:28:00	52.50	68.30	52.30	68.00
6/11/2025 12:28:01	52.40	64.70	51.60	64.60
6/11/2025 12:28:02	51.90	63.50	51.20	63.30
6/11/2025 12:28:03	51.40	64.70	51.10	64.30
6/11/2025 12:28:04	51.40	63.50	51.30	64.00
6/11/2025 12:28:05	51.80	71.80	51.90	71.70

		Min	46.7
		Leq	58.8
Lmax	77.20	Max	78.7

S062_BIU070007_18062025_085121: Information Panel

Description	Value
Name	S062_BIU070007_18062025_085121
Start Time	6/11/2025 14:06:10
Stop Time	6/11/2025 14:26:11
Device Name	BIU070007
Model Type	SoundPro DL
Device Firmware Rev	R.13J
Comments	

S062_BIU070007_18062025_085121: Logged Data Chart

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:06:11	51.00	62.50	49.60	63.00
6/11/2025 14:06:12	50.50	63.30	50.50	63.20
6/11/2025 14:06:13	51.40	65.00	51.50	65.70
6/11/2025 14:06:14	51.40	63.50	50.70	63.50
6/11/2025 14:06:15	51.60	65.00	51.60	65.60
6/11/2025 14:06:16	53.50	67.60	53.80	67.30
6/11/2025 14:06:17	56.70	74.80	56.90	74.90
6/11/2025 14:06:18	59.00	76.90	59.30	77.10
6/11/2025 14:06:19	60.10	77.10	60.60	76.80
6/11/2025 14:06:20	60.10	72.30	60.00	72.40
6/11/2025 14:06:21	60.00	70.80	58.60	70.60
6/11/2025 14:06:22	58.90	66.60	55.30	67.60
6/11/2025 14:06:23	56.80	65.20	52.90	65.00
6/11/2025 14:06:24	54.60	65.00	51.50	65.60
6/11/2025 14:06:25	52.90	62.00	50.30	62.60
6/11/2025 14:06:26	51.40	61.90	49.40	61.80
6/11/2025 14:06:27	50.50	62.50	48.90	61.20
6/11/2025 14:06:28	49.40	61.90	47.80	61.30
6/11/2025 14:06:29	48.50	60.20	47.40	59.70
6/11/2025 14:06:30	48.60	63.50	48.50	64.70
6/11/2025 14:06:31	48.30	60.30	47.80	61.50
6/11/2025 14:06:32	48.00	62.20	47.70	61.60
6/11/2025 14:06:33	47.90	60.50	47.40	59.50
6/11/2025 14:06:34	47.80	61.50	47.40	61.10
6/11/2025 14:06:35	47.90	61.40	47.90	60.90
6/11/2025 14:06:36	47.90	60.70	47.60	60.20
6/11/2025 14:06:37	48.20	63.10	48.00	61.50
6/11/2025 14:06:38	48.20	60.20	47.90	60.10
6/11/2025 14:06:39	48.90	69.70	48.70	69.40
6/11/2025 14:06:40	49.00	63.10	48.40	63.00
6/11/2025 14:06:41	48.60	59.70	47.30	60.30
6/11/2025 14:06:42	47.90	60.60	47.40	60.60
6/11/2025 14:06:43	48.70	62.00	49.00	61.60
6/11/2025 14:06:44	49.20	62.10	49.30	61.50
6/11/2025 14:06:45	49.70	62.30	49.60	62.80
6/11/2025 14:06:46	51.10	67.10	51.40	67.80
6/11/2025 14:06:47	53.60	66.70	53.80	66.90
6/11/2025 14:06:48	57.50	71.90	58.00	72.00

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:06:49	62.40	76.80	62.70	76.60
6/11/2025 14:06:50	66.80	80.50	67.60	80.50
6/11/2025 14:06:51	68.10	84.80	68.70	84.60
6/11/2025 14:06:52	67.60	77.60	64.30	77.50
6/11/2025 14:06:53	65.60	73.10	59.50	72.70
6/11/2025 14:06:54	62.50	69.10	55.30	68.30
6/11/2025 14:06:55	59.30	62.50	50.40	62.90
6/11/2025 14:06:56	55.80	63.60	48.90	62.80
6/11/2025 14:06:57	59.40	90.30	56.60	90.20
6/11/2025 14:06:58	58.90	75.70	53.40	75.70
6/11/2025 14:06:59	55.60	73.10	49.30	73.50
6/11/2025 14:07:00	53.00	62.60	48.80	63.40
6/11/2025 14:07:01	50.70	63.50	48.70	62.70
6/11/2025 14:07:02	49.80	62.70	49.30	62.30
6/11/2025 14:07:03	49.40	62.20	48.60	61.70
6/11/2025 14:07:04	49.00	62.80	48.80	61.60
6/11/2025 14:07:05	48.90	60.80	47.90	61.50
6/11/2025 14:07:06	48.20	59.30	47.30	59.60
6/11/2025 14:07:07	47.70	61.00	47.00	59.80
6/11/2025 14:07:08	48.30	62.80	48.10	61.90
6/11/2025 14:07:09	48.30	60.00	47.70	59.70
6/11/2025 14:07:10	47.90	63.70	47.60	62.40
6/11/2025 14:07:11	48.20	61.50	48.10	61.50
6/11/2025 14:07:12	48.80	65.80	48.60	65.40
6/11/2025 14:07:13	48.40	60.20	47.10	60.10
6/11/2025 14:07:14	48.00	60.80	47.90	60.50
6/11/2025 14:07:15	47.90	60.60	47.40	59.70
6/11/2025 14:07:16	47.70	69.70	47.50	69.70
6/11/2025 14:07:17	47.90	61.00	47.90	60.80
6/11/2025 14:07:18	48.50	63.30	48.40	66.20
6/11/2025 14:07:19	48.10	60.30	47.40	60.00
6/11/2025 14:07:20	47.80	60.10	47.30	60.00
6/11/2025 14:07:21	47.70	60.20	47.60	59.70
6/11/2025 14:07:22	48.90	65.70	49.00	66.10
6/11/2025 14:07:23	48.80	62.80	48.30	62.20
6/11/2025 14:07:24	48.50	61.30	47.60	61.00
6/11/2025 14:07:25	47.90	60.50	47.60	60.40
6/11/2025 14:07:26	48.30	62.80	48.10	62.60
6/11/2025 14:07:27	48.50	62.10	48.00	61.40
6/11/2025 14:07:28	48.40	62.30	48.40	62.40
6/11/2025 14:07:29	48.60	62.50	48.30	63.00
6/11/2025 14:07:30	49.40	65.00	49.30	65.00
6/11/2025 14:07:31	49.60	64.70	48.90	64.50
6/11/2025 14:07:32	49.60	65.10	49.00	64.90
6/11/2025 14:07:33	49.70	64.10	49.20	63.70
6/11/2025 14:07:34	49.30	64.60	48.70	63.70
6/11/2025 14:07:35	49.80	65.50	49.30	65.50
6/11/2025 14:07:36	50.10	66.00	50.00	66.40
6/11/2025 14:07:37	50.70	69.70	50.50	69.50
6/11/2025 14:07:38	51.10	64.40	50.60	64.30
6/11/2025 14:07:39	50.40	62.80	49.00	63.60

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:07:40	49.80	63.80	49.10	62.80
6/11/2025 14:07:41	49.30	61.10	48.50	60.80
6/11/2025 14:07:42	49.00	62.50	48.90	62.50
6/11/2025 14:07:43	49.20	62.40	49.30	62.10
6/11/2025 14:07:44	49.20	61.50	48.60	60.90
6/11/2025 14:07:45	48.80	61.10	48.60	61.10
6/11/2025 14:07:46	48.90	62.30	48.70	61.00
6/11/2025 14:07:47	48.80	61.00	48.00	59.90
6/11/2025 14:07:48	48.60	64.40	48.50	64.50
6/11/2025 14:07:49	49.40	70.30	49.40	69.90
6/11/2025 14:07:50	49.20	64.80	47.90	64.80
6/11/2025 14:07:51	48.50	63.60	48.00	63.00
6/11/2025 14:07:52	48.30	63.60	47.60	62.60
6/11/2025 14:07:53	48.10	60.50	47.60	60.60
6/11/2025 14:07:54	48.00	61.70	47.80	61.60
6/11/2025 14:07:55	48.30	63.00	48.10	63.00
6/11/2025 14:07:56	48.10	60.20	47.50	60.30
6/11/2025 14:07:57	47.80	61.60	47.40	60.00
6/11/2025 14:07:58	47.70	61.30	47.50	60.00
6/11/2025 14:07:59	48.00	62.30	47.90	61.40
6/11/2025 14:08:00	47.70	60.90	47.30	60.70
6/11/2025 14:08:01	47.80	60.70	47.60	60.90
6/11/2025 14:08:02	47.70	59.60	47.20	59.50
6/11/2025 14:08:03	47.90	62.00	47.90	61.70
6/11/2025 14:08:04	48.40	64.70	48.00	64.70
6/11/2025 14:08:05	48.30	59.70	47.60	60.40
6/11/2025 14:08:06	48.00	61.00	47.80	61.60
6/11/2025 14:08:07	49.00	65.60	49.00	65.40
6/11/2025 14:08:08	48.50	63.00	47.90	62.10
6/11/2025 14:08:09	48.30	60.70	47.80	60.20
6/11/2025 14:08:10	49.00	65.20	48.80	66.00
6/11/2025 14:08:11	49.30	63.00	48.70	63.10
6/11/2025 14:08:12	48.60	60.70	48.00	63.50
6/11/2025 14:08:13	48.40	61.10	47.90	60.30
6/11/2025 14:08:14	48.50	60.80	48.30	60.90
6/11/2025 14:08:15	48.30	60.10	47.80	60.40
6/11/2025 14:08:16	48.00	61.10	47.80	60.80
6/11/2025 14:08:17	48.00	60.00	47.40	60.00
6/11/2025 14:08:18	47.90	60.40	47.70	62.10
6/11/2025 14:08:19	48.10	65.10	47.80	65.60
6/11/2025 14:08:20	49.40	62.80	49.50	62.10
6/11/2025 14:08:21	50.20	64.10	50.40	62.80
6/11/2025 14:08:22	51.20	65.80	51.30	66.20
6/11/2025 14:08:23	53.50	66.60	53.80	67.00
6/11/2025 14:08:24	57.40	71.70	57.90	71.60
6/11/2025 14:08:25	60.90	77.80	61.60	77.70
6/11/2025 14:08:26	64.90	79.70	65.20	79.70
6/11/2025 14:08:27	69.50	85.90	70.50	85.90
6/11/2025 14:08:28	69.50	81.30	68.10	81.40
6/11/2025 14:08:29	68.20	79.70	64.20	79.40
6/11/2025 14:08:30	65.80	72.10	58.50	71.60

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:08:31	62.50	65.50	52.90	65.60
6/11/2025 14:08:32	58.90	61.90	49.60	62.70
6/11/2025 14:08:33	55.40	61.60	49.20	62.00
6/11/2025 14:08:34	52.60	62.90	48.90	62.30
6/11/2025 14:08:35	50.70	63.00	48.80	62.60
6/11/2025 14:08:36	49.80	62.20	49.00	61.90
6/11/2025 14:08:37	49.70	64.50	49.40	64.70
6/11/2025 14:08:38	50.20	63.40	50.10	64.00
6/11/2025 14:08:39	50.40	63.10	50.20	62.80
6/11/2025 14:08:40	50.70	67.30	50.60	67.10
6/11/2025 14:08:41	50.30	61.40	49.40	61.40
6/11/2025 14:08:42	49.60	61.30	48.70	61.70
6/11/2025 14:08:43	49.10	62.30	48.80	61.10
6/11/2025 14:08:44	49.30	62.80	49.20	62.00
6/11/2025 14:08:45	50.30	63.90	50.60	63.80
6/11/2025 14:08:46	50.30	62.20	49.30	61.40
6/11/2025 14:08:47	50.10	63.50	50.00	62.60
6/11/2025 14:08:48	50.20	62.20	49.70	61.90
6/11/2025 14:08:49	50.20	63.50	49.80	63.20
6/11/2025 14:08:50	51.30	64.90	51.60	65.40
6/11/2025 14:08:51	51.60	64.00	51.10	63.20
6/11/2025 14:08:52	50.90	62.10	48.70	62.70
6/11/2025 14:08:53	50.20	64.50	49.50	64.40
6/11/2025 14:08:54	50.80	66.20	50.70	65.30
6/11/2025 14:08:55	50.70	63.00	49.80	63.20
6/11/2025 14:08:56	50.60	64.10	50.20	64.30
6/11/2025 14:08:57	50.30	64.50	49.70	63.50
6/11/2025 14:08:58	49.70	61.40	48.70	61.40
6/11/2025 14:08:59	49.50	63.70	49.20	63.20
6/11/2025 14:09:00	49.80	69.70	49.70	69.80
6/11/2025 14:09:01	50.80	65.90	50.70	65.90
6/11/2025 14:09:02	51.10	64.30	50.70	63.90
6/11/2025 14:09:03	50.50	64.10	50.10	63.90
6/11/2025 14:09:04	50.20	61.70	48.60	61.30
6/11/2025 14:09:05	50.00	64.10	50.30	65.00
6/11/2025 14:09:06	50.90	65.70	50.20	66.20
6/11/2025 14:09:07	53.30	68.70	54.30	68.10
6/11/2025 14:09:08	52.90	66.60	51.90	66.50
6/11/2025 14:09:09	53.00	66.60	53.10	66.60
6/11/2025 14:09:10	52.80	67.80	51.80	67.10
6/11/2025 14:09:11	52.10	70.30	51.60	70.20
6/11/2025 14:09:12	52.00	66.70	51.80	66.90
6/11/2025 14:09:13	53.00	67.30	53.50	67.30
6/11/2025 14:09:14	54.70	68.40	54.90	68.80
6/11/2025 14:09:15	58.40	74.00	58.70	73.90
6/11/2025 14:09:16	63.00	77.80	63.70	77.80
6/11/2025 14:09:17	65.30	78.60	66.10	78.60
6/11/2025 14:09:18	65.70	80.20	65.70	80.10
6/11/2025 14:09:19	65.30	74.00	60.90	74.00
6/11/2025 14:09:20	62.70	70.50	56.50	70.50
6/11/2025 14:09:21	59.70	65.80	54.00	66.10

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:09:22	57.00	65.30	53.00	65.10
6/11/2025 14:09:23	54.90	64.30	51.10	64.50
6/11/2025 14:09:24	52.90	66.40	50.50	67.00
6/11/2025 14:09:25	51.40	62.40	49.90	62.70
6/11/2025 14:09:26	50.50	62.70	49.80	63.10
6/11/2025 14:09:27	50.70	64.30	50.80	63.80
6/11/2025 14:09:28	50.50	61.70	49.50	61.60
6/11/2025 14:09:29	50.00	63.40	49.90	62.80
6/11/2025 14:09:30	50.20	63.20	50.20	63.00
6/11/2025 14:09:31	50.20	62.70	50.20	63.60
6/11/2025 14:09:32	50.20	61.80	49.80	61.70
6/11/2025 14:09:33	50.20	64.60	50.00	63.80
6/11/2025 14:09:34	50.20	63.30	49.90	62.40
6/11/2025 14:09:35	50.00	62.10	49.50	62.70
6/11/2025 14:09:36	49.80	63.20	49.50	63.90
6/11/2025 14:09:37	50.30	63.30	50.30	62.60
6/11/2025 14:09:38	51.40	67.40	51.60	65.90
6/11/2025 14:09:39	54.00	69.10	54.30	69.10
6/11/2025 14:09:40	57.90	73.20	58.10	73.30
6/11/2025 14:09:41	61.50	76.00	62.10	75.80
6/11/2025 14:09:42	63.50	76.90	64.30	76.80
6/11/2025 14:09:43	63.60	76.70	63.50	76.70
6/11/2025 14:09:44	63.40	74.20	60.20	74.10
6/11/2025 14:09:45	61.20	72.90	56.40	73.10
6/11/2025 14:09:46	58.80	67.40	55.00	66.80
6/11/2025 14:09:47	56.80	66.90	54.30	66.40
6/11/2025 14:09:48	57.30	71.40	56.90	71.30
6/11/2025 14:09:49	61.50	77.30	61.90	77.30
6/11/2025 14:09:50	67.30	87.70	67.40	87.60
6/11/2025 14:09:51	67.40	79.00	66.80	78.90
6/11/2025 14:09:52	66.10	73.10	60.70	73.20
6/11/2025 14:09:53	63.30	69.90	56.80	69.80
6/11/2025 14:09:54	60.20	65.50	53.20	65.40
6/11/2025 14:09:55	57.10	62.90	50.30	63.90
6/11/2025 14:09:56	54.00	63.20	49.40	64.00
6/11/2025 14:09:57	51.80	62.10	49.60	61.50
6/11/2025 14:09:58	50.60	61.30	49.30	61.30
6/11/2025 14:09:59	49.80	61.10	49.10	62.10
6/11/2025 14:10:00	49.50	62.10	48.90	62.10
6/11/2025 14:10:01	49.10	62.00	48.50	61.90
6/11/2025 14:10:02	48.80	62.20	48.40	61.30
6/11/2025 14:10:03	49.30	67.50	49.00	68.30
6/11/2025 14:10:04	49.30	67.50	48.60	68.20
6/11/2025 14:10:05	49.20	61.60	48.50	61.80
6/11/2025 14:10:06	48.70	61.00	48.10	61.50
6/11/2025 14:10:07	48.50	63.10	48.30	61.80
6/11/2025 14:10:08	48.60	61.20	48.30	61.40
6/11/2025 14:10:09	48.40	60.40	48.10	60.60
6/11/2025 14:10:10	48.60	62.40	48.50	64.00
6/11/2025 14:10:11	48.60	67.30	48.20	66.90
6/11/2025 14:10:12	48.70	61.10	48.50	61.60

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:10:13	48.80	62.10	48.80	61.70
6/11/2025 14:10:14	48.80	62.30	48.50	62.10
6/11/2025 14:10:15	48.50	60.60	48.10	61.50
6/11/2025 14:10:16	48.40	61.10	48.20	61.10
6/11/2025 14:10:17	48.40	60.60	48.30	62.00
6/11/2025 14:10:18	48.40	61.40	48.10	61.90
6/11/2025 14:10:19	48.30	62.50	48.10	62.00
6/11/2025 14:10:20	48.50	62.00	48.10	61.10
6/11/2025 14:10:21	48.00	63.40	47.90	63.40
6/11/2025 14:10:22	48.10	60.30	47.90	60.70
6/11/2025 14:10:23	49.60	65.60	49.90	65.80
6/11/2025 14:10:24	50.20	63.00	50.40	64.20
6/11/2025 14:10:25	51.70	65.20	52.10	65.10
6/11/2025 14:10:26	54.00	68.90	54.20	68.70
6/11/2025 14:10:27	56.30	69.90	56.80	70.00
6/11/2025 14:10:28	59.50	73.80	59.90	73.60
6/11/2025 14:10:29	63.10	77.50	63.60	77.40
6/11/2025 14:10:30	66.10	79.30	66.70	79.40
6/11/2025 14:10:31	67.10	83.10	67.60	83.10
6/11/2025 14:10:32	67.00	79.90	64.60	79.70
6/11/2025 14:10:33	65.20	74.30	60.80	73.80
6/11/2025 14:10:34	62.80	72.30	58.20	72.10
6/11/2025 14:10:35	60.30	68.60	54.20	68.10
6/11/2025 14:10:36	57.40	66.80	52.30	65.80
6/11/2025 14:10:37	54.90	64.90	51.40	65.00
6/11/2025 14:10:38	53.00	65.90	51.40	63.70
6/11/2025 14:10:39	53.70	67.50	53.60	67.80
6/11/2025 14:10:40	58.00	75.20	58.50	74.90
6/11/2025 14:10:41	63.00	77.90	63.10	77.90
6/11/2025 14:10:42	69.80	83.60	70.40	83.60
6/11/2025 14:10:43	70.00	82.20	68.90	82.20
6/11/2025 14:10:44	68.50	76.60	63.90	76.40
6/11/2025 14:10:45	66.00	72.30	58.70	72.20
6/11/2025 14:10:46	62.70	69.60	56.00	69.60
6/11/2025 14:10:47	59.60	63.90	51.60	63.70
6/11/2025 14:10:48	56.30	61.60	49.20	61.40
6/11/2025 14:10:49	53.20	62.50	48.80	61.70
6/11/2025 14:10:50	51.10	62.60	49.40	62.00
6/11/2025 14:10:51	50.10	61.60	48.70	61.00
6/11/2025 14:10:52	49.30	66.40	49.00	67.00
6/11/2025 14:10:53	49.30	62.80	48.80	61.80
6/11/2025 14:10:54	49.00	60.90	48.30	61.00
6/11/2025 14:10:55	48.70	60.90	48.30	60.60
6/11/2025 14:10:56	48.50	60.90	48.20	61.20
6/11/2025 14:10:57	48.40	61.70	48.20	61.70
6/11/2025 14:10:58	48.50	60.70	48.30	61.20
6/11/2025 14:10:59	48.80	64.90	48.50	63.70
6/11/2025 14:11:00	49.60	63.40	49.90	64.20
6/11/2025 14:11:01	49.60	60.90	48.70	62.00
6/11/2025 14:11:02	49.00	61.20	48.40	60.70
6/11/2025 14:11:03	48.70	60.40	48.20	62.50

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:11:04	48.50	61.80	48.30	61.20
6/11/2025 14:11:05	48.50	60.60	47.80	61.00
6/11/2025 14:11:06	48.10	60.40	47.50	61.30
6/11/2025 14:11:07	47.90	60.30	47.80	61.00
6/11/2025 14:11:08	48.30	61.30	48.20	61.70
6/11/2025 14:11:09	48.60	62.00	48.30	61.30
6/11/2025 14:11:10	50.10	74.60	49.80	74.20
6/11/2025 14:11:11	50.40	75.80	48.00	76.20
6/11/2025 14:11:12	50.40	61.50	49.80	61.40
6/11/2025 14:11:13	49.30	60.90	47.60	60.90
6/11/2025 14:11:14	48.30	60.50	47.80	61.10
6/11/2025 14:11:15	48.80	62.20	48.80	62.10
6/11/2025 14:11:16	48.70	60.30	47.90	60.50
6/11/2025 14:11:17	48.30	61.20	47.70	60.30
6/11/2025 14:11:18	48.60	65.90	48.40	65.50
6/11/2025 14:11:19	48.90	62.20	48.30	61.40
6/11/2025 14:11:20	51.20	63.90	51.50	64.50
6/11/2025 14:11:21	50.30	62.50	48.90	61.80
6/11/2025 14:11:22	49.80	61.30	49.20	61.10
6/11/2025 14:11:23	49.80	62.80	49.70	63.10
6/11/2025 14:11:24	49.80	62.90	49.80	62.20
6/11/2025 14:11:25	49.80	62.80	49.30	62.00
6/11/2025 14:11:26	49.70	62.50	49.60	62.30
6/11/2025 14:11:27	49.60	62.50	49.50	62.10
6/11/2025 14:11:28	49.90	66.70	49.80	67.40
6/11/2025 14:11:29	50.30	64.30	50.20	63.90
6/11/2025 14:11:30	52.40	71.80	52.50	71.60
6/11/2025 14:11:31	54.10	69.60	54.50	70.00
6/11/2025 14:11:32	59.30	79.10	58.80	79.20
6/11/2025 14:11:33	64.10	78.30	64.90	78.30
6/11/2025 14:11:34	70.90	86.70	71.10	86.60
6/11/2025 14:11:35	71.30	84.40	70.90	84.40
6/11/2025 14:11:36	70.10	77.20	65.70	77.30
6/11/2025 14:11:37	67.80	76.80	64.90	76.90
6/11/2025 14:11:38	66.40	84.30	66.20	84.20
6/11/2025 14:11:39	66.30	78.10	65.40	78.00
6/11/2025 14:11:40	66.00	79.30	65.90	79.40
6/11/2025 14:11:41	66.30	78.20	66.20	78.30
6/11/2025 14:11:42	66.10	83.60	65.20	83.50
6/11/2025 14:11:43	65.20	78.40	62.20	78.60
6/11/2025 14:11:44	63.20	74.00	58.30	74.00
6/11/2025 14:11:45	60.70	68.20	55.70	67.80
6/11/2025 14:11:46	58.10	65.20	53.30	65.60
6/11/2025 14:11:47	55.70	64.90	51.40	64.20
6/11/2025 14:11:48	53.40	65.10	50.50	64.60
6/11/2025 14:11:49	52.00	63.10	49.50	63.30
6/11/2025 14:11:50	50.50	62.20	48.90	61.70
6/11/2025 14:11:51	49.50	67.10	48.70	66.80
6/11/2025 14:11:52	49.60	71.50	49.30	71.60
6/11/2025 14:11:53	49.60	62.00	49.20	63.30
6/11/2025 14:11:54	50.50	64.70	50.50	65.30

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:11:55	53.20	70.70	53.80	70.60
6/11/2025 14:11:56	56.80	71.60	57.10	71.60
6/11/2025 14:11:57	61.50	75.70	61.90	75.50
6/11/2025 14:11:58	65.80	81.00	66.60	81.00
6/11/2025 14:11:59	65.80	77.20	64.70	77.30
6/11/2025 14:12:00	64.50	71.60	59.60	71.40
6/11/2025 14:12:01	61.90	67.70	55.40	68.00
6/11/2025 14:12:02	58.90	64.90	52.80	64.90
6/11/2025 14:12:03	56.00	64.00	50.70	63.10
6/11/2025 14:12:04	53.40	61.90	49.20	62.60
6/11/2025 14:12:05	51.40	64.00	49.20	63.30
6/11/2025 14:12:06	50.10	63.90	49.60	64.30
6/11/2025 14:12:07	50.10	64.40	49.90	64.40
6/11/2025 14:12:08	51.20	64.60	51.40	64.40
6/11/2025 14:12:09	53.60	68.10	53.90	68.70
6/11/2025 14:12:10	55.90	69.00	56.40	69.10
6/11/2025 14:12:11	59.40	76.80	59.70	76.80
6/11/2025 14:12:12	62.90	76.30	63.50	76.00
6/11/2025 14:12:13	65.30	79.50	66.00	79.60
6/11/2025 14:12:14	65.50	77.50	65.20	77.40
6/11/2025 14:12:15	65.80	78.80	66.00	78.80
6/11/2025 14:12:16	65.60	75.20	63.50	75.00
6/11/2025 14:12:17	64.00	72.50	59.40	71.70
6/11/2025 14:12:18	61.60	70.90	58.30	70.70
6/11/2025 14:12:19	59.70	67.90	55.20	67.50
6/11/2025 14:12:20	57.30	68.10	54.20	68.30
6/11/2025 14:12:21	55.50	65.50	52.10	66.20
6/11/2025 14:12:22	53.70	64.00	50.70	64.40
6/11/2025 14:12:23	52.00	62.50	49.80	63.00
6/11/2025 14:12:24	50.80	62.30	49.40	62.40
6/11/2025 14:12:25	49.90	62.00	48.70	61.20
6/11/2025 14:12:26	49.20	60.60	48.30	60.60
6/11/2025 14:12:27	48.60	60.50	47.90	61.90
6/11/2025 14:12:28	48.80	62.40	48.80	62.00
6/11/2025 14:12:29	49.10	62.40	49.00	62.00
6/11/2025 14:12:30	49.20	61.80	49.10	62.50
6/11/2025 14:12:31	50.00	70.50	49.80	70.10
6/11/2025 14:12:32	49.90	61.70	48.60	61.10
6/11/2025 14:12:33	49.00	62.00	48.30	61.20
6/11/2025 14:12:34	49.00	62.30	48.80	62.40
6/11/2025 14:12:35	49.50	68.90	49.10	69.10
6/11/2025 14:12:36	49.60	61.20	49.70	61.10
6/11/2025 14:12:37	49.70	62.30	49.60	64.00
6/11/2025 14:12:38	49.50	61.70	48.70	61.00
6/11/2025 14:12:39	48.90	60.40	47.80	60.60
6/11/2025 14:12:40	48.80	62.90	48.70	62.60
6/11/2025 14:12:41	48.70	62.60	48.20	62.60
6/11/2025 14:12:42	48.50	61.60	48.20	60.80
6/11/2025 14:12:43	49.20	62.40	49.40	62.20
6/11/2025 14:12:44	49.00	60.70	47.50	61.30
6/11/2025 14:12:45	48.10	60.50	47.50	60.00

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:12:46	48.40	61.60	48.10	61.50
6/11/2025 14:12:47	48.90	64.60	48.70	64.90
6/11/2025 14:12:48	48.70	60.90	48.30	60.60
6/11/2025 14:12:49	49.00	62.40	49.00	62.00
6/11/2025 14:12:50	49.00	60.40	48.90	61.10
6/11/2025 14:12:51	49.00	63.20	48.30	64.10
6/11/2025 14:12:52	48.60	61.40	48.50	62.10
6/11/2025 14:12:53	49.60	62.60	49.70	62.90
6/11/2025 14:12:54	49.60	63.40	49.20	64.80
6/11/2025 14:12:55	50.00	64.10	50.00	63.50
6/11/2025 14:12:56	49.60	62.20	49.30	62.90
6/11/2025 14:12:57	50.20	64.70	50.30	64.70
6/11/2025 14:12:58	50.50	66.40	50.40	65.70
6/11/2025 14:12:59	50.20	64.70	49.90	63.80
6/11/2025 14:13:00	50.00	62.30	49.30	62.90
6/11/2025 14:13:01	49.80	63.50	49.60	63.00
6/11/2025 14:13:02	49.70	62.80	49.50	62.60
6/11/2025 14:13:03	50.20	68.50	49.80	68.70
6/11/2025 14:13:04	50.60	65.20	50.40	65.80
6/11/2025 14:13:05	50.30	62.50	50.10	62.90
6/11/2025 14:13:06	50.30	66.20	49.90	66.90
6/11/2025 14:13:07	51.20	64.30	51.60	64.80
6/11/2025 14:13:08	53.20	66.70	53.90	66.90
6/11/2025 14:13:09	53.20	65.00	52.70	65.20
6/11/2025 14:13:10	53.90	66.90	54.10	66.40
6/11/2025 14:13:11	55.50	69.50	55.60	68.90
6/11/2025 14:13:12	57.80	71.60	58.30	71.80
6/11/2025 14:13:13	61.20	76.00	61.40	76.00
6/11/2025 14:13:14	64.40	85.70	65.00	85.70
6/11/2025 14:13:15	64.70	82.90	64.10	82.90
6/11/2025 14:13:16	63.60	72.10	58.30	72.10
6/11/2025 14:13:17	60.80	66.90	55.30	67.10
6/11/2025 14:13:18	58.20	72.70	53.70	72.80
6/11/2025 14:13:19	55.80	64.60	51.70	65.40
6/11/2025 14:13:20	53.50	65.80	51.10	66.50
6/11/2025 14:13:21	52.40	63.80	50.60	64.80
6/11/2025 14:13:22	51.20	65.50	49.50	64.70
6/11/2025 14:13:23	50.40	65.30	49.90	65.40
6/11/2025 14:13:24	50.20	69.00	49.90	68.90
6/11/2025 14:13:25	50.00	62.80	49.50	62.20
6/11/2025 14:13:26	49.80	62.70	49.60	61.90
6/11/2025 14:13:27	49.70	61.50	49.30	61.60
6/11/2025 14:13:28	49.70	62.90	49.60	63.50
6/11/2025 14:13:29	49.80	65.10	49.50	65.10
6/11/2025 14:13:30	49.50	63.10	49.00	61.50
6/11/2025 14:13:31	49.60	62.30	49.50	62.60
6/11/2025 14:13:32	49.80	63.00	49.80	62.50
6/11/2025 14:13:33	49.90	63.30	49.80	62.80
6/11/2025 14:13:34	50.00	67.60	50.00	66.90
6/11/2025 14:13:35	50.00	66.60	49.70	67.00
6/11/2025 14:13:36	50.00	65.50	49.80	66.50

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:13:37	50.20	63.60	50.10	64.60
6/11/2025 14:13:38	50.40	63.90	50.30	64.30
6/11/2025 14:13:39	50.40	62.30	49.40	62.40
6/11/2025 14:13:40	49.70	61.70	49.30	61.50
6/11/2025 14:13:41	49.90	65.20	49.80	65.60
6/11/2025 14:13:42	49.80	63.40	49.40	62.00
6/11/2025 14:13:43	50.00	63.60	49.80	63.90
6/11/2025 14:13:44	50.00	61.60	49.80	62.20
6/11/2025 14:13:45	49.90	61.80	49.20	62.30
6/11/2025 14:13:46	49.60	62.30	49.50	62.40
6/11/2025 14:13:47	49.90	62.70	50.00	62.20
6/11/2025 14:13:48	50.30	63.00	50.20	63.10
6/11/2025 14:13:49	50.30	63.60	49.70	62.60
6/11/2025 14:13:50	49.70	62.90	48.90	63.00
6/11/2025 14:13:51	49.30	62.50	48.70	61.50
6/11/2025 14:13:52	49.20	64.50	48.70	63.50
6/11/2025 14:13:53	49.30	61.00	48.90	62.20
6/11/2025 14:13:54	49.70	63.70	49.50	63.10
6/11/2025 14:13:55	52.50	69.00	53.20	69.60
6/11/2025 14:13:56	52.20	63.20	49.30	63.50
6/11/2025 14:13:57	50.50	67.10	49.40	64.90
6/11/2025 14:13:58	50.10	63.30	49.50	64.10
6/11/2025 14:13:59	50.10	63.70	50.10	62.90
6/11/2025 14:14:00	50.00	64.20	49.90	63.90
6/11/2025 14:14:01	50.00	61.90	49.30	62.10
6/11/2025 14:14:02	49.50	62.00	48.80	61.20
6/11/2025 14:14:03	49.10	63.50	48.70	62.00
6/11/2025 14:14:04	49.00	60.80	48.70	62.50
6/11/2025 14:14:05	48.80	64.50	48.20	63.30
6/11/2025 14:14:06	48.60	60.60	48.30	60.80
6/11/2025 14:14:07	48.70	61.90	48.70	62.40
6/11/2025 14:14:08	48.70	59.90	47.90	60.60
6/11/2025 14:14:09	48.30	62.80	47.80	62.30
6/11/2025 14:14:10	48.40	62.10	48.40	61.90
6/11/2025 14:14:11	49.20	62.60	49.20	62.10
6/11/2025 14:14:12	49.90	63.00	50.10	62.80
6/11/2025 14:14:13	52.60	69.10	52.80	68.50
6/11/2025 14:14:14	54.70	68.60	55.10	68.50
6/11/2025 14:14:15	59.10	73.60	59.30	73.30
6/11/2025 14:14:16	64.00	80.20	64.30	80.10
6/11/2025 14:14:17	70.60	86.20	71.00	86.30
6/11/2025 14:14:18	71.10	85.10	71.20	85.00
6/11/2025 14:14:19	70.30	80.90	65.30	80.80
6/11/2025 14:14:20	67.50	70.90	59.30	71.20
6/11/2025 14:14:21	64.20	78.50	60.10	78.30
6/11/2025 14:14:22	64.10	77.40	63.90	77.50
6/11/2025 14:14:23	66.00	80.80	67.00	80.60
6/11/2025 14:14:24	66.00	77.00	64.00	76.90
6/11/2025 14:14:25	64.40	73.30	59.80	73.70
6/11/2025 14:14:26	61.80	69.70	55.50	69.80
6/11/2025 14:14:27	58.90	66.00	53.00	65.70

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:14:28	56.00	64.50	50.10	63.50
6/11/2025 14:14:29	53.30	61.70	48.90	61.60
6/11/2025 14:14:30	51.10	61.20	48.50	61.20
6/11/2025 14:14:31	49.70	62.30	48.30	60.40
6/11/2025 14:14:32	48.90	63.00	48.60	63.70
6/11/2025 14:14:33	49.00	61.40	48.50	61.10
6/11/2025 14:14:34	48.70	61.00	48.40	60.50
6/11/2025 14:14:35	49.00	63.30	49.00	63.60
6/11/2025 14:14:36	49.10	64.40	48.70	62.90
6/11/2025 14:14:37	49.00	61.50	48.50	61.60
6/11/2025 14:14:38	49.10	62.30	48.80	63.00
6/11/2025 14:14:39	49.00	61.10	47.60	61.00
6/11/2025 14:14:40	48.90	64.70	48.70	64.80
6/11/2025 14:14:41	48.40	60.80	47.60	60.30
6/11/2025 14:14:42	48.40	62.70	48.20	61.40
6/11/2025 14:14:43	49.10	63.10	49.30	63.90
6/11/2025 14:14:44	49.20	64.30	49.10	63.80
6/11/2025 14:14:45	49.60	63.90	49.40	63.60
6/11/2025 14:14:46	50.40	63.20	50.50	63.00
6/11/2025 14:14:47	51.70	65.60	52.10	65.30
6/11/2025 14:14:48	53.00	68.00	53.20	67.70
6/11/2025 14:14:49	56.10	69.40	56.70	70.10
6/11/2025 14:14:50	58.30	72.20	59.00	72.30
6/11/2025 14:14:51	61.60	76.10	62.10	76.10
6/11/2025 14:14:52	64.20	79.50	64.70	79.40
6/11/2025 14:14:53	65.20	79.70	65.30	79.50
6/11/2025 14:14:54	64.90	72.60	60.40	72.80
6/11/2025 14:14:55	62.30	71.00	57.90	70.90
6/11/2025 14:14:56	59.90	68.30	55.30	68.40
6/11/2025 14:14:57	57.50	66.60	53.40	66.40
6/11/2025 14:14:58	55.20	63.90	49.40	62.60
6/11/2025 14:14:59	52.50	62.40	49.20	63.20
6/11/2025 14:15:00	50.70	62.30	49.40	62.30
6/11/2025 14:15:01	50.00	62.10	49.10	62.30
6/11/2025 14:15:02	49.80	65.40	49.70	64.00
6/11/2025 14:15:03	49.80	63.00	49.60	62.10
6/11/2025 14:15:04	50.20	65.50	50.30	64.60
6/11/2025 14:15:05	50.00	62.90	49.80	61.60
6/11/2025 14:15:06	50.40	63.30	50.30	63.70
6/11/2025 14:15:07	52.70	73.50	52.90	73.40
6/11/2025 14:15:08	55.30	69.20	55.90	69.00
6/11/2025 14:15:09	58.50	72.30	58.70	72.00
6/11/2025 14:15:10	62.20	77.20	62.90	77.40
6/11/2025 14:15:11	64.50	78.90	65.30	78.90
6/11/2025 14:15:12	65.10	82.20	65.30	82.30
6/11/2025 14:15:13	64.80	76.20	62.40	76.20
6/11/2025 14:15:14	63.10	72.00	58.20	72.10
6/11/2025 14:15:15	60.50	68.90	55.30	67.80
6/11/2025 14:15:16	57.90	66.20	54.00	66.70
6/11/2025 14:15:17	55.80	66.00	52.90	66.40
6/11/2025 14:15:18	54.10	65.20	51.40	64.60

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:15:19	52.70	62.30	49.90	62.30
6/11/2025 14:15:20	51.00	62.20	48.90	63.80
6/11/2025 14:15:21	49.80	61.20	48.50	61.60
6/11/2025 14:15:22	49.10	60.30	48.20	60.80
6/11/2025 14:15:23	48.70	62.30	48.30	61.10
6/11/2025 14:15:24	49.20	67.20	49.10	67.80
6/11/2025 14:15:25	48.90	60.10	47.90	60.70
6/11/2025 14:15:26	48.40	59.90	47.90	60.10
6/11/2025 14:15:27	49.00	66.80	49.00	67.70
6/11/2025 14:15:28	48.80	60.80	48.30	60.40
6/11/2025 14:15:29	48.40	60.40	47.60	59.90
6/11/2025 14:15:30	48.20	60.80	48.00	60.30
6/11/2025 14:15:31	48.50	62.30	48.60	62.00
6/11/2025 14:15:32	48.70	60.80	48.60	61.70
6/11/2025 14:15:33	49.20	64.40	49.00	63.90
6/11/2025 14:15:34	49.20	61.10	48.40	61.20
6/11/2025 14:15:35	49.30	63.20	49.50	63.70
6/11/2025 14:15:36	49.40	65.10	49.20	64.50
6/11/2025 14:15:37	50.00	64.80	50.10	64.80
6/11/2025 14:15:38	49.90	61.30	49.10	62.30
6/11/2025 14:15:39	49.80	64.70	49.20	63.90
6/11/2025 14:15:40	49.30	62.00	48.60	61.90
6/11/2025 14:15:41	49.00	61.70	48.40	61.70
6/11/2025 14:15:42	49.10	61.60	48.60	62.00
6/11/2025 14:15:43	48.60	61.70	48.30	60.70
6/11/2025 14:15:44	49.90	62.50	49.90	62.60
6/11/2025 14:15:45	50.50	63.30	50.40	64.00
6/11/2025 14:15:46	50.50	62.20	50.20	62.20
6/11/2025 14:15:47	50.80	64.00	50.70	63.20
6/11/2025 14:15:48	52.00	65.80	52.20	65.60
6/11/2025 14:15:49	54.70	69.90	55.00	70.20
6/11/2025 14:15:50	56.80	69.80	57.50	70.00
6/11/2025 14:15:51	58.70	72.90	59.20	73.20
6/11/2025 14:15:52	61.60	75.40	62.10	75.20
6/11/2025 14:15:53	62.30	77.50	62.80	77.20
6/11/2025 14:15:54	62.00	74.90	60.10	75.20
6/11/2025 14:15:55	60.80	70.30	57.50	70.60
6/11/2025 14:15:56	58.80	68.70	55.30	68.60
6/11/2025 14:15:57	56.70	66.10	52.40	66.60
6/11/2025 14:15:58	54.40	65.70	50.40	65.40
6/11/2025 14:15:59	52.30	62.30	49.60	62.80
6/11/2025 14:16:00	50.80	61.50	48.90	62.30
6/11/2025 14:16:01	49.70	61.20	48.20	61.40
6/11/2025 14:16:02	49.90	65.70	49.60	66.30
6/11/2025 14:16:03	49.40	61.60	48.70	62.20
6/11/2025 14:16:04	49.30	61.40	48.70	60.90
6/11/2025 14:16:05	48.90	61.10	48.00	60.60
6/11/2025 14:16:06	48.40	59.90	47.70	59.80
6/11/2025 14:16:07	48.50	61.70	48.40	61.00
6/11/2025 14:16:08	48.70	61.90	48.70	60.90
6/11/2025 14:16:09	49.00	64.70	48.90	64.10

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:16:10	49.30	63.20	48.90	62.10
6/11/2025 14:16:11	48.80	60.80	48.20	61.40
6/11/2025 14:16:12	49.50	63.50	49.30	63.10
6/11/2025 14:16:13	49.60	64.00	49.60	63.60
6/11/2025 14:16:14	50.30	71.30	50.40	70.80
6/11/2025 14:16:15	52.00	65.40	52.10	64.90
6/11/2025 14:16:16	55.70	70.00	56.00	69.80
6/11/2025 14:16:17	60.90	79.50	61.20	79.60
6/11/2025 14:16:18	65.90	80.70	66.50	80.80
6/11/2025 14:16:19	69.70	84.90	70.70	84.90
6/11/2025 14:16:20	69.70	84.40	67.80	84.30
6/11/2025 14:16:21	68.00	75.30	62.10	75.50
6/11/2025 14:16:22	65.10	72.80	59.70	72.70
6/11/2025 14:16:23	62.50	77.90	61.70	77.70
6/11/2025 14:16:24	64.90	81.60	65.30	81.30
6/11/2025 14:16:25	66.00	79.80	66.60	80.00
6/11/2025 14:16:26	66.30	78.90	65.80	78.90
6/11/2025 14:16:27	65.50	73.90	61.30	73.60
6/11/2025 14:16:28	63.10	71.50	58.20	71.70
6/11/2025 14:16:29	60.50	67.00	55.20	67.40
6/11/2025 14:16:30	58.00	69.90	55.00	69.60
6/11/2025 14:16:31	57.70	72.90	57.40	73.10
6/11/2025 14:16:32	61.40	75.20	61.90	75.10
6/11/2025 14:16:33	66.80	87.00	67.10	86.90
6/11/2025 14:16:34	67.30	83.50	67.50	83.30
6/11/2025 14:16:35	66.90	79.30	66.00	79.10
6/11/2025 14:16:36	66.30	76.50	64.10	76.20
6/11/2025 14:16:37	64.70	72.90	59.60	72.80
6/11/2025 14:16:38	61.90	69.20	56.20	69.10
6/11/2025 14:16:39	59.20	69.60	54.00	69.20
6/11/2025 14:16:40	56.50	65.60	52.60	66.40
6/11/2025 14:16:41	54.50	69.90	52.40	69.40
6/11/2025 14:16:42	53.30	64.90	50.00	63.40
6/11/2025 14:16:43	51.40	62.00	49.00	62.60
6/11/2025 14:16:44	50.20	64.30	49.60	63.50
6/11/2025 14:16:45	51.10	67.70	50.40	67.10
6/11/2025 14:16:46	51.10	63.70	49.80	64.40
6/11/2025 14:16:47	50.10	65.50	49.60	64.80
6/11/2025 14:16:48	49.80	62.90	49.00	62.60
6/11/2025 14:16:49	49.40	62.00	49.00	63.10
6/11/2025 14:16:50	49.30	62.10	48.90	62.50
6/11/2025 14:16:51	49.30	61.90	49.00	61.40
6/11/2025 14:16:52	49.00	61.40	48.30	61.10
6/11/2025 14:16:53	48.60	61.10	48.00	60.50
6/11/2025 14:16:54	52.00	70.80	50.30	70.80
6/11/2025 14:16:55	52.20	64.80	51.40	64.70
6/11/2025 14:16:56	50.70	64.90	48.60	64.20
6/11/2025 14:16:57	56.00	71.10	54.90	71.20
6/11/2025 14:16:58	55.90	64.00	51.60	63.30
6/11/2025 14:16:59	52.80	61.30	48.30	60.70
6/11/2025 14:17:00	53.50	68.90	53.20	69.60

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:17:01	52.20	67.90	48.80	67.70
6/11/2025 14:17:02	52.10	67.00	51.80	67.00
6/11/2025 14:17:03	53.80	68.70	52.90	68.80
6/11/2025 14:17:04	55.50	71.90	54.50	71.90
6/11/2025 14:17:05	55.90	70.30	54.20	70.40
6/11/2025 14:17:06	53.90	61.90	48.80	62.20
6/11/2025 14:17:07	51.60	63.80	49.80	63.10
6/11/2025 14:17:08	50.70	63.20	50.30	63.40
6/11/2025 14:17:09	50.90	67.00	50.80	66.30
6/11/2025 14:17:10	50.70	64.20	50.20	65.10
6/11/2025 14:17:11	50.30	62.60	49.50	62.10
6/11/2025 14:17:12	50.00	63.70	49.90	64.00
6/11/2025 14:17:13	50.20	62.40	49.60	62.60
6/11/2025 14:17:14	49.70	65.30	49.20	64.70
6/11/2025 14:17:15	49.30	62.30	48.80	62.30
6/11/2025 14:17:16	49.80	65.10	49.60	64.70
6/11/2025 14:17:17	49.70	62.80	49.10	63.20
6/11/2025 14:17:18	49.60	65.10	49.00	64.70
6/11/2025 14:17:19	50.20	66.90	50.10	65.60
6/11/2025 14:17:20	50.80	67.00	50.80	67.40
6/11/2025 14:17:21	51.20	66.50	51.00	66.40
6/11/2025 14:17:22	51.00	70.40	50.50	70.30
6/11/2025 14:17:23	50.60	72.10	50.00	72.70
6/11/2025 14:17:24	50.50	63.40	49.60	62.20
6/11/2025 14:17:25	50.00	63.60	49.80	63.90
6/11/2025 14:17:26	50.00	62.70	49.10	62.10
6/11/2025 14:17:27	50.20	64.10	50.20	62.90
6/11/2025 14:17:28	50.70	63.40	50.40	65.30
6/11/2025 14:17:29	50.60	64.40	50.30	63.90
6/11/2025 14:17:30	50.40	66.70	49.30	66.10
6/11/2025 14:17:31	50.30	66.90	50.30	66.40
6/11/2025 14:17:32	50.20	63.30	49.90	62.30
6/11/2025 14:17:33	51.10	65.80	51.50	65.80
6/11/2025 14:17:34	50.70	62.20	49.20	63.30
6/11/2025 14:17:35	50.00	65.70	49.40	65.70
6/11/2025 14:17:36	50.70	66.60	50.70	66.80
6/11/2025 14:17:37	50.20	64.50	49.60	63.50
6/11/2025 14:17:38	49.90	65.60	49.30	66.30
6/11/2025 14:17:39	50.90	66.50	51.00	65.80
6/11/2025 14:17:40	51.80	65.70	52.00	65.60
6/11/2025 14:17:41	54.60	67.00	54.80	66.80
6/11/2025 14:17:42	55.20	67.30	55.40	67.50
6/11/2025 14:17:43	55.20	69.90	54.80	70.00
6/11/2025 14:17:44	56.00	68.40	56.30	68.20
6/11/2025 14:17:45	59.10	73.20	58.90	73.20
6/11/2025 14:17:46	64.10	77.10	65.00	77.20
6/11/2025 14:17:47	66.30	78.80	66.80	78.90
6/11/2025 14:17:48	70.70	82.20	71.40	82.20
6/11/2025 14:17:49	70.80	80.60	70.10	80.60
6/11/2025 14:17:50	70.00	78.50	65.20	78.50
6/11/2025 14:17:51	67.20	72.80	61.20	73.00

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:17:52	64.40	72.90	59.40	73.30
6/11/2025 14:17:53	61.90	70.80	58.30	70.70
6/11/2025 14:17:54	59.90	71.00	57.50	70.70
6/11/2025 14:17:55	58.40	67.20	55.20	67.20
6/11/2025 14:17:56	57.00	71.30	55.80	71.00
6/11/2025 14:17:57	59.20	75.10	58.90	75.10
6/11/2025 14:17:58	58.20	77.80	53.30	78.00
6/11/2025 14:17:59	55.70	64.50	51.50	65.20
6/11/2025 14:18:00	55.20	68.60	54.70	68.30
6/11/2025 14:18:01	58.20	75.10	58.50	75.10
6/11/2025 14:18:02	61.70	77.60	62.40	77.60
6/11/2025 14:18:03	64.30	77.40	65.10	77.10
6/11/2025 14:18:04	65.50	86.00	65.80	85.90
6/11/2025 14:18:05	65.30	81.80	64.00	81.80
6/11/2025 14:18:06	64.20	73.60	59.70	73.40
6/11/2025 14:18:07	61.80	72.70	57.90	72.60
6/11/2025 14:18:08	59.60	76.90	56.90	76.70
6/11/2025 14:18:09	58.10	68.40	55.40	68.20
6/11/2025 14:18:10	56.90	70.50	56.40	70.90
6/11/2025 14:18:11	59.60	72.30	60.00	72.30
6/11/2025 14:18:12	64.00	77.80	64.20	77.80
6/11/2025 14:18:13	68.60	82.30	69.70	82.10
6/11/2025 14:18:14	68.50	79.30	66.00	79.30
6/11/2025 14:18:15	66.60	72.10	59.60	72.30
6/11/2025 14:18:16	63.30	70.20	54.90	71.10
6/11/2025 14:18:17	59.90	66.90	53.30	66.60
6/11/2025 14:18:18	56.90	69.90	51.20	69.50
6/11/2025 14:18:19	54.40	62.70	49.80	61.50
6/11/2025 14:18:20	52.10	62.30	49.60	62.00
6/11/2025 14:18:21	50.70	61.20	49.20	61.70
6/11/2025 14:18:22	50.40	62.50	50.50	63.50
6/11/2025 14:18:23	50.60	63.40	50.60	63.70
6/11/2025 14:18:24	50.70	63.50	50.60	63.10
6/11/2025 14:18:25	51.10	64.40	51.30	65.10
6/11/2025 14:18:26	51.20	64.30	50.60	63.30
6/11/2025 14:18:27	51.10	67.90	50.70	67.80
6/11/2025 14:18:28	50.80	67.50	49.80	67.50
6/11/2025 14:18:29	50.10	62.40	49.80	62.30
6/11/2025 14:18:30	50.50	63.80	50.40	63.50
6/11/2025 14:18:31	50.70	63.10	50.50	62.30
6/11/2025 14:18:32	51.50	68.60	51.20	68.80
6/11/2025 14:18:33	52.50	66.90	52.90	66.70
6/11/2025 14:18:34	52.40	64.70	52.30	65.50
6/11/2025 14:18:35	53.00	68.50	53.00	67.80
6/11/2025 14:18:36	53.60	74.50	53.50	74.20
6/11/2025 14:18:37	54.30	69.80	54.50	70.80
6/11/2025 14:18:38	64.20	78.40	65.40	78.20
6/11/2025 14:18:39	63.10	74.60	58.70	74.50
6/11/2025 14:18:40	65.40	79.80	65.90	79.60
6/11/2025 14:18:41	64.90	76.00	62.70	75.90
6/11/2025 14:18:42	63.80	70.40	57.00	69.30

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:18:43	60.50	69.00	55.70	69.10
6/11/2025 14:18:44	58.30	66.00	53.40	65.60
6/11/2025 14:18:45	56.80	70.20	56.00	70.50
6/11/2025 14:18:46	58.00	71.80	58.20	71.10
6/11/2025 14:18:47	64.30	79.70	64.30	79.60
6/11/2025 14:18:48	69.00	86.50	70.30	86.50
6/11/2025 14:18:49	69.20	81.20	69.00	81.20
6/11/2025 14:18:50	71.60	85.00	72.20	84.90
6/11/2025 14:18:51	71.50	81.00	69.30	80.90
6/11/2025 14:18:52	69.70	75.70	63.30	75.90
6/11/2025 14:18:53	66.70	73.90	58.90	73.70
6/11/2025 14:18:54	63.30	76.40	60.20	76.60
6/11/2025 14:18:55	61.80	76.30	57.90	76.10
6/11/2025 14:18:56	59.60	67.90	53.80	68.90
6/11/2025 14:18:57	56.70	71.30	51.80	71.70
6/11/2025 14:18:58	54.20	62.70	49.50	63.00
6/11/2025 14:18:59	51.80	62.00	48.80	61.30
6/11/2025 14:19:00	50.30	62.00	48.90	62.00
6/11/2025 14:19:01	49.50	61.20	48.20	61.60
6/11/2025 14:19:02	48.90	63.20	48.80	62.90
6/11/2025 14:19:03	49.20	61.50	49.20	61.90
6/11/2025 14:19:04	49.40	61.70	49.40	61.60
6/11/2025 14:19:05	51.90	67.60	51.30	67.40
6/11/2025 14:19:06	53.40	68.50	52.90	67.50
6/11/2025 14:19:07	54.10	67.50	53.50	67.90
6/11/2025 14:19:08	52.70	63.10	49.40	62.80
6/11/2025 14:19:09	50.90	62.40	49.20	62.70
6/11/2025 14:19:10	49.90	61.60	49.00	61.80
6/11/2025 14:19:11	49.50	60.90	47.90	60.90
6/11/2025 14:19:12	48.60	60.80	48.00	61.60
6/11/2025 14:19:13	49.40	65.20	49.70	64.70
6/11/2025 14:19:14	50.40	66.30	50.40	66.10
6/11/2025 14:19:15	50.10	61.40	49.20	61.70
6/11/2025 14:19:16	51.60	67.10	51.00	66.40
6/11/2025 14:19:17	55.60	70.70	56.40	70.80
6/11/2025 14:19:18	63.20	78.20	64.30	78.20
6/11/2025 14:19:19	63.80	83.10	63.80	83.00
6/11/2025 14:19:20	64.00	76.30	64.10	76.20
6/11/2025 14:19:21	64.00	85.90	62.60	85.90
6/11/2025 14:19:22	62.70	71.00	58.30	71.30
6/11/2025 14:19:23	60.30	67.70	55.40	67.80
6/11/2025 14:19:24	57.80	67.80	52.90	66.80
6/11/2025 14:19:25	55.40	63.60	51.40	64.00
6/11/2025 14:19:26	54.30	75.00	51.40	75.00
6/11/2025 14:19:27	54.40	66.10	52.50	66.00
6/11/2025 14:19:28	52.20	61.00	49.00	61.20
6/11/2025 14:19:29	50.40	61.80	48.70	62.60
6/11/2025 14:19:30	49.60	63.00	49.20	63.50
6/11/2025 14:19:31	51.10	65.60	51.40	65.60
6/11/2025 14:19:32	51.70	67.20	51.00	66.90
6/11/2025 14:19:33	50.80	62.60	49.50	62.40

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:19:34	50.30	75.10	50.00	75.50
6/11/2025 14:19:35	50.20	63.60	49.70	63.00
6/11/2025 14:19:36	50.20	63.10	50.20	62.30
6/11/2025 14:19:37	50.20	64.50	49.90	63.60
6/11/2025 14:19:38	50.70	65.30	50.50	65.10
6/11/2025 14:19:39	50.70	65.50	50.50	65.90
6/11/2025 14:19:40	50.50	62.60	49.90	63.20
6/11/2025 14:19:41	50.50	65.30	50.40	63.80
6/11/2025 14:19:42	50.50	68.20	50.00	68.70
6/11/2025 14:19:43	51.20	64.40	51.60	64.30
6/11/2025 14:19:44	52.20	69.60	52.10	69.40
6/11/2025 14:19:45	53.60	67.70	53.90	67.40
6/11/2025 14:19:46	55.50	68.60	56.20	68.40
6/11/2025 14:19:47	58.90	73.00	59.40	72.60
6/11/2025 14:19:48	64.00	79.90	64.40	80.10
6/11/2025 14:19:49	70.20	86.10	70.60	86.10
6/11/2025 14:19:50	71.10	85.50	71.70	85.30
6/11/2025 14:19:51	70.60	78.80	65.70	78.60
6/11/2025 14:19:52	67.80	69.70	56.50	70.20
6/11/2025 14:19:53	63.90	66.00	52.50	65.50
6/11/2025 14:19:54	60.10	64.40	51.10	64.10
6/11/2025 14:19:55	56.60	67.80	50.30	68.10
6/11/2025 14:19:56	53.90	66.80	53.30	66.60
6/11/2025 14:19:57	56.60	79.70	56.90	79.70
6/11/2025 14:19:58	57.80	77.80	56.80	77.60
6/11/2025 14:19:59	56.70	72.40	56.00	72.20
6/11/2025 14:20:00	60.80	77.40	60.80	77.30
6/11/2025 14:20:01	66.40	81.20	66.60	81.20
6/11/2025 14:20:02	70.10	85.00	71.20	85.00
6/11/2025 14:20:03	70.10	81.00	68.80	81.10
6/11/2025 14:20:04	68.90	78.40	64.60	78.30
6/11/2025 14:20:05	66.30	74.70	58.70	74.60
6/11/2025 14:20:06	63.00	67.70	54.80	67.10
6/11/2025 14:20:07	59.60	66.60	52.80	66.30
6/11/2025 14:20:08	56.60	64.30	51.00	63.30
6/11/2025 14:20:09	54.00	71.10	52.10	70.80
6/11/2025 14:20:10	53.30	63.20	50.90	62.90
6/11/2025 14:20:11	51.60	66.90	50.40	66.20
6/11/2025 14:20:12	50.90	64.20	50.20	63.60
6/11/2025 14:20:13	50.70	63.70	49.80	63.80
6/11/2025 14:20:14	50.00	63.20	49.40	62.40
6/11/2025 14:20:15	51.00	65.80	50.50	65.40
6/11/2025 14:20:16	51.10	61.40	48.90	61.70
6/11/2025 14:20:17	49.50	64.00	48.50	64.80
6/11/2025 14:20:18	48.90	61.70	47.90	61.90
6/11/2025 14:20:19	49.40	63.10	49.00	64.10
6/11/2025 14:20:20	49.50	61.70	48.90	62.80
6/11/2025 14:20:21	49.30	62.70	49.00	61.60
6/11/2025 14:20:22	49.70	68.90	49.50	67.80
6/11/2025 14:20:23	49.30	62.00	48.60	61.40
6/11/2025 14:20:24	49.40	70.70	49.50	70.80

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:20:25	49.70	63.00	49.50	62.80
6/11/2025 14:20:26	50.50	64.70	50.60	64.20
6/11/2025 14:20:27	50.10	61.90	49.30	62.30
6/11/2025 14:20:28	49.80	62.00	49.30	62.10
6/11/2025 14:20:29	49.40	66.80	48.80	66.70
6/11/2025 14:20:30	49.90	71.40	50.10	72.20
6/11/2025 14:20:31	54.80	72.20	55.00	72.10
6/11/2025 14:20:32	57.00	75.30	57.60	75.20
6/11/2025 14:20:33	59.60	73.80	60.10	73.50
6/11/2025 14:20:34	61.90	74.80	62.70	74.70
6/11/2025 14:20:35	62.40	75.60	62.70	75.90
6/11/2025 14:20:36	62.40	73.80	60.60	73.80
6/11/2025 14:20:37	61.00	71.20	57.60	71.10
6/11/2025 14:20:38	59.40	71.50	59.20	71.50
6/11/2025 14:20:39	60.80	73.00	61.00	72.90
6/11/2025 14:20:40	61.90	83.60	62.50	83.40
6/11/2025 14:20:41	61.80	72.50	59.10	72.10
6/11/2025 14:20:42	59.90	69.50	55.70	69.30
6/11/2025 14:20:43	57.60	66.80	53.70	67.10
6/11/2025 14:20:44	58.80	72.40	58.90	72.50
6/11/2025 14:20:45	58.60	70.50	55.20	70.50
6/11/2025 14:20:46	56.20	70.30	54.60	69.90
6/11/2025 14:20:47	55.90	64.10	51.90	64.30
6/11/2025 14:20:48	53.50	63.10	50.00	62.80
6/11/2025 14:20:49	51.50	65.10	49.80	64.60
6/11/2025 14:20:50	50.90	63.60	50.80	63.40
6/11/2025 14:20:51	51.90	68.70	51.10	68.80
6/11/2025 14:20:52	54.60	73.00	55.00	73.30
6/11/2025 14:20:53	54.10	63.90	51.80	63.90
6/11/2025 14:20:54	52.90	63.90	50.70	63.30
6/11/2025 14:20:55	51.90	66.00	51.70	65.80
6/11/2025 14:20:56	59.10	78.70	59.30	78.80
6/11/2025 14:20:57	60.20	75.00	60.50	74.80
6/11/2025 14:20:58	59.50	71.50	57.70	71.40
6/11/2025 14:20:59	58.50	81.50	57.20	81.30
6/11/2025 14:21:00	60.20	74.30	60.30	74.10
6/11/2025 14:21:01	62.40	82.50	62.90	82.30
6/11/2025 14:21:02	64.70	80.50	65.20	80.40
6/11/2025 14:21:03	67.00	80.90	67.80	80.80
6/11/2025 14:21:04	69.20	82.30	69.40	82.30
6/11/2025 14:21:05	70.10	83.00	70.70	82.90
6/11/2025 14:21:06	70.00	80.70	67.60	80.70
6/11/2025 14:21:07	68.20	77.00	63.90	76.80
6/11/2025 14:21:08	65.80	73.40	60.90	73.80
6/11/2025 14:21:09	63.20	71.10	58.80	71.80
6/11/2025 14:21:10	61.00	70.10	57.90	69.90
6/11/2025 14:21:11	59.20	69.20	56.90	69.20
6/11/2025 14:21:12	58.00	67.70	56.30	68.20
6/11/2025 14:21:13	56.90	69.00	55.40	69.20
6/11/2025 14:21:14	55.80	68.00	54.00	68.10
6/11/2025 14:21:15	54.90	65.60	52.90	65.50

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:21:16	53.50	63.40	50.80	64.70
6/11/2025 14:21:17	51.90	62.70	50.20	62.80
6/11/2025 14:21:18	50.90	63.40	49.70	64.10
6/11/2025 14:21:19	50.20	64.00	49.70	62.90
6/11/2025 14:21:20	51.40	73.60	51.40	73.30
6/11/2025 14:21:21	51.00	62.90	49.80	62.90
6/11/2025 14:21:22	51.00	64.80	50.80	65.90
6/11/2025 14:21:23	50.70	62.50	49.40	61.80
6/11/2025 14:21:24	50.00	61.80	49.30	62.20
6/11/2025 14:21:25	49.60	62.20	48.70	61.70
6/11/2025 14:21:26	49.20	62.40	48.80	61.80
6/11/2025 14:21:27	49.20	62.00	49.00	61.50
6/11/2025 14:21:28	49.60	63.10	49.50	63.00
6/11/2025 14:21:29	49.60	63.30	49.20	61.90
6/11/2025 14:21:30	50.50	66.90	50.90	66.40
6/11/2025 14:21:31	50.40	63.90	48.90	63.10
6/11/2025 14:21:32	51.30	72.20	50.90	72.00
6/11/2025 14:21:33	50.90	61.10	48.70	60.30
6/11/2025 14:21:34	51.00	70.30	50.50	70.20
6/11/2025 14:21:35	50.90	61.90	49.10	61.30
6/11/2025 14:21:36	49.80	61.60	48.70	61.80
6/11/2025 14:21:37	49.10	61.70	48.70	61.60
6/11/2025 14:21:38	49.20	61.40	49.10	61.60
6/11/2025 14:21:39	49.40	63.20	49.30	62.50
6/11/2025 14:21:40	49.60	62.70	49.60	62.40
6/11/2025 14:21:41	49.80	62.70	49.60	63.20
6/11/2025 14:21:42	50.10	67.60	49.30	66.20
6/11/2025 14:21:43	50.90	65.80	50.70	65.30
6/11/2025 14:21:44	50.40	71.10	49.90	70.70
6/11/2025 14:21:45	50.20	65.40	49.60	64.90
6/11/2025 14:21:46	50.00	62.80	49.80	63.60
6/11/2025 14:21:47	49.80	62.60	49.50	61.70
6/11/2025 14:21:48	49.80	62.50	49.40	62.10
6/11/2025 14:21:49	49.40	62.20	48.90	61.70
6/11/2025 14:21:50	49.20	62.20	48.50	60.90
6/11/2025 14:21:51	48.90	60.60	48.70	60.80
6/11/2025 14:21:52	48.80	60.70	48.70	61.20
6/11/2025 14:21:53	49.00	62.70	48.80	61.10
6/11/2025 14:21:54	49.30	61.80	49.10	62.50
6/11/2025 14:21:55	49.00	66.20	48.50	66.10
6/11/2025 14:21:56	49.10	61.70	48.90	61.60
6/11/2025 14:21:57	49.00	64.20	48.80	64.60
6/11/2025 14:21:58	49.20	62.10	49.20	61.30
6/11/2025 14:21:59	49.10	62.70	48.80	62.60
6/11/2025 14:22:00	48.90	61.60	48.70	61.60
6/11/2025 14:22:01	49.30	62.20	49.40	62.30
6/11/2025 14:22:02	49.60	62.40	49.70	62.00
6/11/2025 14:22:03	49.90	62.40	49.90	62.60
6/11/2025 14:22:04	50.50	64.00	50.50	63.90
6/11/2025 14:22:05	52.50	71.10	52.90	71.10
6/11/2025 14:22:06	52.70	67.40	52.70	67.00

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:22:07	52.70	68.10	51.90	68.40
6/11/2025 14:22:08	52.40	69.30	52.00	68.90
6/11/2025 14:22:09	55.20	77.80	56.10	77.70
6/11/2025 14:22:10	56.50	73.70	56.80	73.20
6/11/2025 14:22:11	60.50	74.90	60.80	75.00
6/11/2025 14:22:12	62.40	75.90	63.20	76.10
6/11/2025 14:22:13	63.20	76.80	63.70	76.60
6/11/2025 14:22:14	63.20	74.90	61.80	75.00
6/11/2025 14:22:15	62.00	74.30	60.90	74.20
6/11/2025 14:22:16	61.80	74.40	61.70	74.70
6/11/2025 14:22:17	64.40	77.60	64.70	77.90
6/11/2025 14:22:18	64.80	79.20	64.90	79.10
6/11/2025 14:22:19	64.40	76.10	61.40	75.50
6/11/2025 14:22:20	62.40	72.80	58.30	72.70
6/11/2025 14:22:21	60.00	67.20	54.50	67.50
6/11/2025 14:22:22	57.40	68.10	54.00	68.70
6/11/2025 14:22:23	55.60	68.10	54.50	68.30
6/11/2025 14:22:24	57.40	74.10	58.10	73.80
6/11/2025 14:22:25	57.00	71.40	55.40	71.50
6/11/2025 14:22:26	56.00	69.20	54.20	68.60
6/11/2025 14:22:27	56.60	71.70	56.60	71.60
6/11/2025 14:22:28	59.70	80.80	59.90	80.90
6/11/2025 14:22:29	63.90	78.00	64.40	77.90
6/11/2025 14:22:30	66.10	81.30	67.00	81.20
6/11/2025 14:22:31	66.10	75.70	63.60	75.70
6/11/2025 14:22:32	64.20	72.20	58.30	72.50
6/11/2025 14:22:33	61.30	71.90	54.90	71.70
6/11/2025 14:22:34	58.30	66.50	53.10	66.10
6/11/2025 14:22:35	55.70	63.80	50.60	63.90
6/11/2025 14:22:36	53.10	62.40	49.60	62.20
6/11/2025 14:22:37	51.30	63.10	49.50	62.50
6/11/2025 14:22:38	50.60	65.40	50.00	66.00
6/11/2025 14:22:39	49.90	61.50	48.60	61.60
6/11/2025 14:22:40	49.20	61.50	48.10	61.70
6/11/2025 14:22:41	48.60	60.90	48.10	61.60
6/11/2025 14:22:42	48.30	60.10	47.70	60.80
6/11/2025 14:22:43	48.30	73.80	48.10	74.10
6/11/2025 14:22:44	48.20	61.60	48.10	61.20
6/11/2025 14:22:45	48.20	61.50	47.90	60.30
6/11/2025 14:22:46	48.70	70.00	48.60	69.90
6/11/2025 14:22:47	49.30	68.80	48.60	68.70
6/11/2025 14:22:48	48.70	66.80	48.30	66.40
6/11/2025 14:22:49	48.60	60.40	47.90	62.10
6/11/2025 14:22:50	48.20	61.50	47.80	60.70
6/11/2025 14:22:51	48.10	60.90	48.00	60.60
6/11/2025 14:22:52	48.30	63.20	48.10	64.30
6/11/2025 14:22:53	48.30	67.10	47.70	66.40
6/11/2025 14:22:54	48.00	60.30	47.50	60.40
6/11/2025 14:22:55	47.70	60.70	47.20	60.00
6/11/2025 14:22:56	47.80	64.50	47.60	64.50
6/11/2025 14:22:57	47.80	62.50	47.30	61.90

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:22:58	47.80	62.10	47.90	62.40
6/11/2025 14:22:59	48.10	62.30	47.90	61.70
6/11/2025 14:23:00	47.80	60.00	47.20	59.60
6/11/2025 14:23:01	48.50	62.60	48.20	62.30
6/11/2025 14:23:02	48.70	61.20	48.30	61.00
6/11/2025 14:23:03	48.70	65.00	47.90	65.30
6/11/2025 14:23:04	47.90	60.40	47.20	60.40
6/11/2025 14:23:05	47.70	61.10	47.40	59.90
6/11/2025 14:23:06	47.70	60.10	47.10	59.60
6/11/2025 14:23:07	47.30	61.40	47.10	60.40
6/11/2025 14:23:08	47.30	60.70	47.10	60.80
6/11/2025 14:23:09	47.20	60.30	47.00	59.90
6/11/2025 14:23:10	47.30	59.70	47.20	61.30
6/11/2025 14:23:11	47.60	60.40	47.60	62.20
6/11/2025 14:23:12	47.90	63.00	47.90	62.30
6/11/2025 14:23:13	47.90	60.30	47.80	60.00
6/11/2025 14:23:14	48.00	61.60	47.70	62.00
6/11/2025 14:23:15	48.30	64.60	48.20	63.60
6/11/2025 14:23:16	48.50	60.50	48.50	60.40
6/11/2025 14:23:17	48.40	59.60	47.30	60.40
6/11/2025 14:23:18	47.70	61.30	46.90	59.90
6/11/2025 14:23:19	47.50	60.80	47.40	60.80
6/11/2025 14:23:20	47.40	59.90	47.10	59.90
6/11/2025 14:23:21	47.20	59.90	47.00	60.70
6/11/2025 14:23:22	47.20	59.10	46.90	59.50
6/11/2025 14:23:23	47.20	59.80	47.10	59.70
6/11/2025 14:23:24	47.50	61.20	47.50	61.20
6/11/2025 14:23:25	47.80	62.80	47.90	62.00
6/11/2025 14:23:26	47.70	60.20	47.40	61.40
6/11/2025 14:23:27	47.60	60.10	47.40	60.80
6/11/2025 14:23:28	48.00	64.10	47.80	65.40
6/11/2025 14:23:29	47.80	60.80	47.60	60.90
6/11/2025 14:23:30	48.00	63.30	47.80	62.00
6/11/2025 14:23:31	48.30	61.80	48.30	61.30
6/11/2025 14:23:32	48.50	60.70	48.40	60.80
6/11/2025 14:23:33	48.60	61.50	48.50	61.30
6/11/2025 14:23:34	48.60	61.80	48.30	61.30
6/11/2025 14:23:35	49.90	68.90	49.70	69.30
6/11/2025 14:23:36	49.90	62.00	49.40	61.70
6/11/2025 14:23:37	49.40	62.10	48.80	61.50
6/11/2025 14:23:38	49.10	61.30	48.70	61.00
6/11/2025 14:23:39	49.10	62.70	49.00	63.60
6/11/2025 14:23:40	49.20	62.70	49.10	63.20
6/11/2025 14:23:41	49.70	63.60	49.70	64.10
6/11/2025 14:23:42	49.70	62.90	49.30	62.30
6/11/2025 14:23:43	49.50	61.10	49.00	60.90
6/11/2025 14:23:44	49.30	62.70	49.10	62.50
6/11/2025 14:23:45	49.30	62.30	49.30	63.20
6/11/2025 14:23:46	49.40	61.70	49.20	62.10
6/11/2025 14:23:47	49.30	61.80	49.00	61.50
6/11/2025 14:23:48	49.30	62.00	49.20	62.70

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:23:49	49.50	65.00	49.40	64.30
6/11/2025 14:23:50	49.40	63.10	48.90	63.30
6/11/2025 14:23:51	49.60	67.40	49.60	66.60
6/11/2025 14:23:52	49.60	62.40	48.70	60.70
6/11/2025 14:23:53	49.30	62.80	49.10	62.40
6/11/2025 14:23:54	49.20	63.20	48.50	62.10
6/11/2025 14:23:55	48.70	60.30	47.50	59.40
6/11/2025 14:23:56	48.00	60.40	47.70	60.70
6/11/2025 14:23:57	48.40	63.60	48.50	63.50
6/11/2025 14:23:58	48.20	60.10	47.90	60.40
6/11/2025 14:23:59	48.10	60.50	47.60	60.20
6/11/2025 14:24:00	47.90	60.60	47.80	60.30
6/11/2025 14:24:01	48.00	60.60	47.80	61.00
6/11/2025 14:24:02	47.90	62.10	47.60	60.30
6/11/2025 14:24:03	48.30	61.20	48.20	61.50
6/11/2025 14:24:04	48.90	61.10	49.00	61.90
6/11/2025 14:24:05	49.90	67.00	50.20	66.80
6/11/2025 14:24:06	52.30	66.50	52.50	66.10
6/11/2025 14:24:07	57.30	71.50	57.50	71.50
6/11/2025 14:24:08	61.40	74.80	62.00	74.60
6/11/2025 14:24:09	66.70	80.70	67.20	80.70
6/11/2025 14:24:10	68.10	84.50	69.00	84.50
6/11/2025 14:24:11	67.90	79.20	65.10	79.30
6/11/2025 14:24:12	66.00	74.40	60.90	74.10
6/11/2025 14:24:13	63.20	69.30	55.50	68.90
6/11/2025 14:24:14	59.90	69.30	51.30	68.80
6/11/2025 14:24:15	56.40	63.20	49.40	62.70
6/11/2025 14:24:16	53.40	60.70	48.00	60.90
6/11/2025 14:24:17	50.90	60.50	48.10	60.10
6/11/2025 14:24:18	49.40	62.00	48.80	62.70
6/11/2025 14:24:19	49.40	65.50	49.30	65.30
6/11/2025 14:24:20	49.80	65.40	49.80	65.50
6/11/2025 14:24:21	50.00	63.70	49.80	64.10
6/11/2025 14:24:22	49.80	63.20	49.30	63.60
6/11/2025 14:24:23	49.40	61.30	48.40	61.40
6/11/2025 14:24:24	48.90	61.00	48.10	62.10
6/11/2025 14:24:25	48.40	61.80	48.00	62.80
6/11/2025 14:24:26	49.30	63.40	49.20	62.90
6/11/2025 14:24:27	49.10	61.50	48.50	62.40
6/11/2025 14:24:28	48.70	61.60	48.20	61.40
6/11/2025 14:24:29	48.70	62.80	48.70	63.20
6/11/2025 14:24:30	48.80	61.30	48.70	61.70
6/11/2025 14:24:31	49.20	61.30	49.30	61.50
6/11/2025 14:24:32	49.70	63.90	49.80	64.70
6/11/2025 14:24:33	50.00	62.50	50.10	64.10
6/11/2025 14:24:34	50.60	64.10	50.60	65.00
6/11/2025 14:24:35	52.10	69.80	52.40	69.40
6/11/2025 14:24:36	54.80	71.20	54.90	71.30
6/11/2025 14:24:37	59.20	74.00	59.80	73.60
6/11/2025 14:24:38	63.60	80.00	64.10	80.00
6/11/2025 14:24:39	67.40	89.80	68.40	89.70

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:24:40	67.40	79.20	65.70	79.40
6/11/2025 14:24:41	65.90	74.30	61.30	74.10
6/11/2025 14:24:42	63.30	71.60	56.90	71.30
6/11/2025 14:24:43	60.20	81.00	54.00	80.90
6/11/2025 14:24:44	57.20	63.20	50.20	63.40
6/11/2025 14:24:45	54.20	63.40	49.70	62.80
6/11/2025 14:24:46	52.00	63.20	49.10	62.30
6/11/2025 14:24:47	50.40	71.10	49.50	71.40
6/11/2025 14:24:48	49.90	63.20	49.30	63.40
6/11/2025 14:24:49	49.60	63.20	49.40	63.10
6/11/2025 14:24:50	49.60	61.70	48.30	60.90
6/11/2025 14:24:51	48.60	60.70	47.30	60.50
6/11/2025 14:24:52	47.80	60.10	47.20	60.00
6/11/2025 14:24:53	47.70	60.80	47.30	61.00
6/11/2025 14:24:54	47.60	60.70	47.40	60.90
6/11/2025 14:24:55	47.50	60.20	46.80	59.90
6/11/2025 14:24:56	47.30	60.50	47.10	60.80
6/11/2025 14:24:57	47.30	59.80	47.00	59.40
6/11/2025 14:24:58	47.30	60.80	47.20	62.20
6/11/2025 14:24:59	47.40	60.80	47.20	60.40
6/11/2025 14:25:00	47.90	60.80	47.90	60.60
6/11/2025 14:25:01	48.20	62.00	48.20	60.90
6/11/2025 14:25:02	48.20	61.30	47.90	60.70
6/11/2025 14:25:03	48.60	61.30	48.60	61.60
6/11/2025 14:25:04	49.60	63.00	49.60	63.50
6/11/2025 14:25:05	51.20	64.10	51.70	64.20
6/11/2025 14:25:06	50.80	62.80	50.40	62.30
6/11/2025 14:25:07	52.40	65.80	52.60	65.50
6/11/2025 14:25:08	52.40	63.50	50.20	62.30
6/11/2025 14:25:09	50.90	63.60	50.40	63.20
6/11/2025 14:25:10	50.60	61.40	49.30	61.50
6/11/2025 14:25:11	49.80	62.90	49.10	62.30
6/11/2025 14:25:12	50.10	64.10	49.90	63.30
6/11/2025 14:25:13	50.80	64.40	50.90	64.30
6/11/2025 14:25:14	51.30	64.00	51.00	64.40
6/11/2025 14:25:15	51.20	62.90	50.10	62.60
6/11/2025 14:25:16	50.40	63.00	49.50	62.70
6/11/2025 14:25:17	50.30	63.90	50.10	63.80
6/11/2025 14:25:18	50.50	65.00	50.50	65.30
6/11/2025 14:25:19	50.20	62.90	48.90	62.20
6/11/2025 14:25:20	49.50	61.50	48.80	61.60
6/11/2025 14:25:21	49.10	61.30	48.30	60.80
6/11/2025 14:25:22	48.80	60.60	48.60	60.80
6/11/2025 14:25:23	49.00	61.40	48.90	62.30
6/11/2025 14:25:24	49.00	62.40	48.60	62.10
6/11/2025 14:25:25	48.90	60.50	48.30	60.80
6/11/2025 14:25:26	48.80	63.50	48.40	63.40
6/11/2025 14:25:27	48.50	61.90	48.00	62.70
6/11/2025 14:25:28	48.70	63.00	48.50	63.20
6/11/2025 14:25:29	48.80	61.60	48.70	61.10
6/11/2025 14:25:30	48.70	61.40	48.30	61.60

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 14:25:31	48.50	60.80	48.40	60.80
6/11/2025 14:25:32	48.50	61.40	48.20	62.80
6/11/2025 14:25:33	49.00	62.20	49.10	62.50
6/11/2025 14:25:34	48.90	61.00	48.50	61.70
6/11/2025 14:25:35	48.60	61.10	48.40	60.80
6/11/2025 14:25:36	48.80	63.00	48.50	63.30
6/11/2025 14:25:37	48.70	60.60	48.40	61.00
6/11/2025 14:25:38	48.60	61.20	48.50	61.60
6/11/2025 14:25:39	49.10	67.60	49.00	67.20
6/11/2025 14:25:40	49.40	64.30	49.30	62.10
6/11/2025 14:25:41	49.50	62.50	49.50	62.00
6/11/2025 14:25:42	49.70	63.30	49.60	62.70
6/11/2025 14:25:43	49.60	64.20	48.80	62.80
6/11/2025 14:25:44	49.10	62.40	48.90	61.70
6/11/2025 14:25:45	49.20	62.20	48.80	61.60
6/11/2025 14:25:46	48.80	60.60	48.10	61.10
6/11/2025 14:25:47	48.80	61.60	48.50	61.80
6/11/2025 14:25:48	48.90	61.00	48.30	61.70
6/11/2025 14:25:49	49.10	62.20	49.20	62.50
6/11/2025 14:25:50	49.20	62.50	48.80	62.80
6/11/2025 14:25:51	48.80	62.00	48.40	61.90
6/11/2025 14:25:52	48.70	62.20	48.20	61.50
6/11/2025 14:25:53	48.50	60.90	48.30	60.60
6/11/2025 14:25:54	48.50	61.50	48.40	60.90
6/11/2025 14:25:55	49.40	64.10	48.60	64.30
6/11/2025 14:25:56	49.50	64.00	49.70	62.90
6/11/2025 14:25:57	49.50	62.00	49.10	61.40
6/11/2025 14:25:58	49.50	63.00	49.30	62.80
6/11/2025 14:25:59	49.20	61.30	48.20	61.70
6/11/2025 14:26:00	49.90	65.00	50.10	64.80
6/11/2025 14:26:01	49.80	62.20	49.40	63.10
6/11/2025 14:26:02	50.60	74.80	50.50	74.90
6/11/2025 14:26:03	50.00	61.70	48.60	62.20
6/11/2025 14:26:04	49.30	61.20	48.60	61.90
6/11/2025 14:26:05	49.30	63.00	49.00	63.00
6/11/2025 14:26:06	52.50	68.50	52.80	68.10
6/11/2025 14:26:07	52.70	67.30	51.10	67.60
6/11/2025 14:26:08	51.10	60.40	48.30	60.90
6/11/2025 14:26:09	49.50	62.00	48.40	61.60
6/11/2025 14:26:10	50.30	65.80	50.10	65.50
6/11/2025 14:26:11	51.90	69.30	52.40	69.60

		Min	46.8
		Leq	58.2
Lmax	71.60	Max	72.2

S059_BIU070007_18062025_085115: Information Panel

Description	Value
Name	S059_BIU070007_18062025_085115
Start Time	6/11/2025 12:30:28
Stop Time	6/11/2025 12:50:33
Device Name	BIU070007
Model Type	SoundPro DL
Device Firmware Rev	R.13J
Comments	

S059_BIU070007_18062025_085115: Logged Data Chart

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:30:29	55.90	76.90	54.80	77.10
6/11/2025 12:30:30	55.90	70.70	55.10	70.90
6/11/2025 12:30:31	56.90	82.30	56.40	82.40
6/11/2025 12:30:32	61.60	92.20	60.70	92.20
6/11/2025 12:30:33	60.50	75.70	56.00	75.70
6/11/2025 12:30:34	57.90	76.60	54.10	76.40
6/11/2025 12:30:35	56.30	75.30	54.80	75.40
6/11/2025 12:30:36	56.40	83.20	56.10	83.10
6/11/2025 12:30:37	56.10	81.00	55.40	80.90
6/11/2025 12:30:38	62.20	92.10	59.60	92.10
6/11/2025 12:30:39	61.70	81.80	58.70	81.90
6/11/2025 12:30:40	59.80	67.30	55.50	68.40
6/11/2025 12:30:41	60.10	88.10	58.50	88.30
6/11/2025 12:30:42	61.20	87.00	59.30	86.90
6/11/2025 12:30:43	61.90	83.80	60.10	83.80
6/11/2025 12:30:44	59.90	76.50	53.50	76.60
6/11/2025 12:30:45	57.00	64.20	52.40	64.90
6/11/2025 12:30:46	54.80	69.60	52.70	68.70
6/11/2025 12:30:47	53.80	64.80	52.90	64.70
6/11/2025 12:30:48	53.80	68.20	53.40	68.50
6/11/2025 12:30:49	54.60	73.80	54.20	73.80
6/11/2025 12:30:50	55.10	71.10	54.90	71.00
6/11/2025 12:30:51	58.90	86.40	59.00	86.40
6/11/2025 12:30:52	59.30	85.90	57.90	86.00
6/11/2025 12:30:53	58.90	80.80	56.10	80.80
6/11/2025 12:30:54	58.70	77.10	57.70	77.20
6/11/2025 12:30:55	59.70	89.30	58.80	89.20
6/11/2025 12:30:56	59.40	74.80	58.20	74.90
6/11/2025 12:30:57	58.80	80.70	57.00	80.70
6/11/2025 12:30:58	62.10	91.40	60.90	91.40
6/11/2025 12:30:59	59.50	80.00	57.30	80.20
6/11/2025 12:31:00	59.10	88.50	57.40	88.50
6/11/2025 12:31:01	58.70	79.80	55.70	79.90
6/11/2025 12:31:02	58.50	74.70	57.00	74.40
6/11/2025 12:31:03	56.60	73.50	54.50	73.40
6/11/2025 12:31:04	55.50	70.70	54.20	70.30
6/11/2025 12:31:05	54.80	68.50	53.50	68.40
6/11/2025 12:31:06	54.40	72.20	54.00	72.10

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:31:07	59.60	87.80	58.70	87.80
6/11/2025 12:31:08	61.30	85.80	60.10	85.70
6/11/2025 12:31:09	59.60	80.20	55.90	80.30
6/11/2025 12:31:10	62.80	87.90	62.40	87.80
6/11/2025 12:31:11	64.80	90.80	61.50	90.70
6/11/2025 12:31:12	61.70	87.40	58.20	87.30
6/11/2025 12:31:13	63.30	91.50	62.20	91.40
6/11/2025 12:31:14	61.50	85.40	57.50	85.30
6/11/2025 12:31:15	59.70	85.00	56.60	84.80
6/11/2025 12:31:16	60.50	84.50	59.90	84.50
6/11/2025 12:31:17	58.90	83.50	55.00	83.40
6/11/2025 12:31:18	58.10	82.60	57.00	82.90
6/11/2025 12:31:19	60.80	88.60	59.00	88.50
6/11/2025 12:31:20	59.80	68.10	55.00	68.10
6/11/2025 12:31:21	58.00	85.20	56.70	85.00
6/11/2025 12:31:22	57.10	69.50	52.40	69.70
6/11/2025 12:31:23	57.10	85.70	56.00	85.70
6/11/2025 12:31:24	56.10	69.70	53.60	69.20
6/11/2025 12:31:25	55.60	75.30	55.00	75.10
6/11/2025 12:31:26	54.90	65.80	53.70	66.50
6/11/2025 12:31:27	54.00	65.80	53.00	65.90
6/11/2025 12:31:28	54.30	80.30	54.10	80.50
6/11/2025 12:31:29	56.00	79.90	55.90	80.00
6/11/2025 12:31:30	56.00	80.60	55.30	80.30
6/11/2025 12:31:31	62.40	94.10	61.50	94.10
6/11/2025 12:31:32	60.10	82.70	57.50	82.50
6/11/2025 12:31:33	62.20	92.10	61.80	92.00
6/11/2025 12:31:34	61.50	84.70	58.30	84.60
6/11/2025 12:31:35	59.50	78.20	56.50	78.10
6/11/2025 12:31:36	58.40	81.40	57.40	81.60
6/11/2025 12:31:37	57.90	76.60	56.80	76.40
6/11/2025 12:31:38	56.80	74.90	53.60	74.50
6/11/2025 12:31:39	55.10	68.10	52.40	68.60
6/11/2025 12:31:40	53.50	66.00	53.00	66.20
6/11/2025 12:31:41	53.40	64.90	52.70	65.60
6/11/2025 12:31:42	53.10	71.80	52.70	71.90
6/11/2025 12:31:43	53.80	67.10	53.70	66.90
6/11/2025 12:31:44	53.70	78.70	52.70	78.70
6/11/2025 12:31:45	53.00	68.80	50.70	67.90
6/11/2025 12:31:46	51.80	66.00	51.10	66.20
6/11/2025 12:31:47	51.70	69.10	51.20	69.20
6/11/2025 12:31:48	52.50	66.10	52.90	66.20
6/11/2025 12:31:49	52.40	65.40	51.70	64.60
6/11/2025 12:31:50	52.30	75.70	51.60	75.40
6/11/2025 12:31:51	52.20	65.70	51.70	66.50
6/11/2025 12:31:52	63.20	91.50	61.70	91.50
6/11/2025 12:31:53	60.00	65.80	51.50	65.10
6/11/2025 12:31:54	57.70	78.80	55.80	78.80
6/11/2025 12:31:55	59.60	88.00	57.90	87.90
6/11/2025 12:31:56	57.10	76.20	53.50	76.30
6/11/2025 12:31:57	55.90	81.80	54.20	81.80

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:31:58	54.90	81.20	53.50	81.00
6/11/2025 12:31:59	56.20	74.60	55.50	74.20
6/11/2025 12:32:00	55.40	74.10	52.00	73.70
6/11/2025 12:32:01	53.90	67.00	53.70	68.30
6/11/2025 12:32:02	55.10	79.30	54.80	79.30
6/11/2025 12:32:03	54.60	65.70	52.30	65.10
6/11/2025 12:32:04	53.00	69.00	51.10	69.90
6/11/2025 12:32:05	52.90	67.60	52.20	67.60
6/11/2025 12:32:06	54.50	76.50	53.80	76.30
6/11/2025 12:32:07	54.30	74.80	53.60	74.80
6/11/2025 12:32:08	55.20	81.00	53.90	80.90
6/11/2025 12:32:09	59.50	89.90	58.20	89.80
6/11/2025 12:32:10	59.00	81.40	54.60	81.30
6/11/2025 12:32:11	56.30	65.10	50.30	64.70
6/11/2025 12:32:12	53.50	78.00	50.40	77.70
6/11/2025 12:32:13	52.50	68.30	51.00	68.00
6/11/2025 12:32:14	52.80	75.00	52.50	75.30
6/11/2025 12:32:15	52.30	62.10	49.30	62.50
6/11/2025 12:32:16	54.70	83.70	53.20	83.80
6/11/2025 12:32:17	54.70	78.50	54.50	78.40
6/11/2025 12:32:18	55.80	82.40	53.10	82.40
6/11/2025 12:32:19	54.00	67.10	53.20	67.00
6/11/2025 12:32:20	53.30	67.10	51.00	66.30
6/11/2025 12:32:21	52.00	75.60	50.70	75.60
6/11/2025 12:32:22	59.80	89.20	51.60	89.20
6/11/2025 12:32:23	62.40	90.00	61.70	90.00
6/11/2025 12:32:24	59.50	76.00	51.00	75.70
6/11/2025 12:32:25	59.10	89.90	57.30	89.90
6/11/2025 12:32:26	57.80	80.80	51.80	80.70
6/11/2025 12:32:27	56.80	79.60	55.80	79.50
6/11/2025 12:32:28	59.30	73.20	58.80	73.30
6/11/2025 12:32:29	57.60	64.20	51.50	64.00
6/11/2025 12:32:30	54.90	67.00	51.70	66.90
6/11/2025 12:32:31	53.20	75.80	51.70	75.60
6/11/2025 12:32:32	52.70	68.20	51.20	68.00
6/11/2025 12:32:33	51.80	66.30	50.90	65.90
6/11/2025 12:32:34	51.30	64.30	49.80	64.70
6/11/2025 12:32:35	50.20	62.40	49.10	62.50
6/11/2025 12:32:36	50.10	67.50	49.90	66.70
6/11/2025 12:32:37	50.90	66.50	50.90	66.60
6/11/2025 12:32:38	54.70	87.80	54.20	87.90
6/11/2025 12:32:39	55.80	80.40	53.70	80.30
6/11/2025 12:32:40	59.10	87.80	58.00	87.80
6/11/2025 12:32:41	57.00	70.40	50.20	70.20
6/11/2025 12:32:42	54.10	66.50	49.80	66.90
6/11/2025 12:32:43	55.20	84.30	54.80	84.20
6/11/2025 12:32:44	59.00	85.30	58.10	85.20
6/11/2025 12:32:45	57.00	79.40	52.00	79.80
6/11/2025 12:32:46	55.20	68.60	52.00	67.90
6/11/2025 12:32:47	56.50	86.90	55.70	86.80
6/11/2025 12:32:48	56.30	78.60	54.20	78.50

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:32:49	59.70	87.90	60.10	87.90
6/11/2025 12:32:50	59.90	85.60	58.60	85.70
6/11/2025 12:32:51	61.70	89.20	60.40	89.10
6/11/2025 12:32:52	59.50	63.40	50.20	63.10
6/11/2025 12:32:53	61.50	89.10	60.30	89.20
6/11/2025 12:32:54	60.90	84.20	55.00	84.00
6/11/2025 12:32:55	57.70	71.70	51.70	71.50
6/11/2025 12:32:56	55.00	64.10	49.70	63.40
6/11/2025 12:32:57	52.60	66.40	49.90	66.90
6/11/2025 12:32:58	51.70	72.00	51.70	71.40
6/11/2025 12:32:59	52.10	68.10	50.70	67.90
6/11/2025 12:33:00	52.20	64.20	51.90	64.40
6/11/2025 12:33:01	51.90	77.30	50.70	77.30
6/11/2025 12:33:02	60.10	90.10	58.80	90.00
6/11/2025 12:33:03	58.40	80.10	53.90	80.10
6/11/2025 12:33:04	56.60	79.80	53.00	79.60
6/11/2025 12:33:05	61.40	89.90	59.50	89.80
6/11/2025 12:33:06	60.70	87.30	57.90	87.20
6/11/2025 12:33:07	58.50	83.50	54.00	83.50
6/11/2025 12:33:08	56.40	76.50	53.20	76.30
6/11/2025 12:33:09	54.50	76.10	52.30	76.00
6/11/2025 12:33:10	57.70	89.40	56.00	89.40
6/11/2025 12:33:11	58.00	88.20	56.00	88.20
6/11/2025 12:33:12	57.90	79.30	55.30	79.20
6/11/2025 12:33:13	55.80	63.90	51.80	64.10
6/11/2025 12:33:14	55.70	84.50	55.60	84.50
6/11/2025 12:33:15	58.20	82.40	56.50	82.50
6/11/2025 12:33:16	61.30	93.60	59.10	93.60
6/11/2025 12:33:17	61.10	85.40	60.20	85.50
6/11/2025 12:33:18	60.10	87.70	57.10	87.60
6/11/2025 12:33:19	60.90	88.80	59.80	88.80
6/11/2025 12:33:20	59.70	86.40	56.80	86.50
6/11/2025 12:33:21	58.30	76.10	52.30	76.40
6/11/2025 12:33:22	55.40	71.90	52.70	71.90
6/11/2025 12:33:23	54.30	84.40	53.40	84.30
6/11/2025 12:33:24	54.50	75.50	53.70	75.40
6/11/2025 12:33:25	55.20	82.80	55.40	82.50
6/11/2025 12:33:26	61.20	87.10	62.00	87.00
6/11/2025 12:33:27	60.50	76.30	57.20	76.00
6/11/2025 12:33:28	59.30	84.60	59.20	84.50
6/11/2025 12:33:29	59.50	82.10	56.90	82.00
6/11/2025 12:33:30	57.80	76.90	56.80	77.10
6/11/2025 12:33:31	57.10	73.20	55.90	73.10
6/11/2025 12:33:32	56.80	74.00	55.10	73.80
6/11/2025 12:33:33	55.80	66.70	53.80	66.60
6/11/2025 12:33:34	60.90	89.70	60.50	89.60
6/11/2025 12:33:35	58.90	86.10	55.60	86.00
6/11/2025 12:33:36	60.50	91.00	58.80	91.00
6/11/2025 12:33:37	59.80	84.70	56.60	84.70
6/11/2025 12:33:38	59.10	81.30	57.90	81.20
6/11/2025 12:33:39	57.70	72.80	55.80	72.70

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:33:40	56.50	78.80	53.90	78.80
6/11/2025 12:33:41	55.00	73.70	53.60	73.80
6/11/2025 12:33:42	54.70	67.20	54.50	66.60
6/11/2025 12:33:43	54.70	71.80	54.50	71.80
6/11/2025 12:33:44	54.60	69.60	54.10	69.00
6/11/2025 12:33:45	54.20	76.50	53.50	76.70
6/11/2025 12:33:46	53.70	66.40	53.10	67.10
6/11/2025 12:33:47	53.80	67.90	53.40	67.40
6/11/2025 12:33:48	55.00	81.20	55.00	81.30
6/11/2025 12:33:49	55.30	71.20	53.70	70.80
6/11/2025 12:33:50	54.10	66.20	53.80	66.30
6/11/2025 12:33:51	55.40	75.80	55.40	75.50
6/11/2025 12:33:52	62.10	92.40	57.00	92.40
6/11/2025 12:33:53	62.00	68.20	59.30	69.30
6/11/2025 12:33:54	60.20	87.20	57.60	87.20
6/11/2025 12:33:55	58.30	79.50	54.70	79.70
6/11/2025 12:33:56	59.90	83.20	59.50	83.20
6/11/2025 12:33:57	59.40	68.00	55.10	68.30
6/11/2025 12:33:58	57.00	79.80	52.90	79.70
6/11/2025 12:33:59	58.30	87.10	56.80	87.20
6/11/2025 12:34:00	59.50	88.10	58.40	88.10
6/11/2025 12:34:01	59.30	83.90	57.70	83.80
6/11/2025 12:34:02	58.40	70.30	54.90	71.10
6/11/2025 12:34:03	56.60	70.20	53.60	70.80
6/11/2025 12:34:04	56.10	78.30	54.80	78.20
6/11/2025 12:34:05	54.80	69.10	53.70	69.30
6/11/2025 12:34:06	54.10	86.20	52.40	86.10
6/11/2025 12:34:07	56.40	84.20	55.30	84.00
6/11/2025 12:34:08	55.30	76.70	53.80	77.00
6/11/2025 12:34:09	54.90	68.60	52.50	68.40
6/11/2025 12:34:10	52.80	65.10	50.50	65.20
6/11/2025 12:34:11	51.60	69.60	50.80	69.80
6/11/2025 12:34:12	57.10	84.20	55.70	84.30
6/11/2025 12:34:13	56.70	82.80	53.30	82.80
6/11/2025 12:34:14	54.40	69.70	52.30	69.90
6/11/2025 12:34:15	53.40	66.40	51.90	67.20
6/11/2025 12:34:16	53.40	66.70	52.60	66.30
6/11/2025 12:34:17	52.80	67.90	52.20	68.50
6/11/2025 12:34:18	52.60	69.00	52.00	68.70
6/11/2025 12:34:19	52.50	65.50	51.10	64.50
6/11/2025 12:34:20	51.90	72.70	51.30	72.60
6/11/2025 12:34:21	52.00	73.10	51.70	72.70
6/11/2025 12:34:22	57.80	87.80	56.80	87.70
6/11/2025 12:34:23	59.30	92.00	57.80	91.90
6/11/2025 12:34:24	62.70	89.70	59.00	89.60
6/11/2025 12:34:25	62.70	77.90	59.50	77.90
6/11/2025 12:34:26	59.50	82.80	53.20	82.60
6/11/2025 12:34:27	58.10	74.90	58.20	74.70
6/11/2025 12:34:28	58.40	72.80	57.80	72.50
6/11/2025 12:34:29	58.20	81.50	55.20	81.50
6/11/2025 12:34:30	56.60	81.60	54.70	81.60

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:34:31	55.70	82.50	53.20	82.50
6/11/2025 12:34:32	54.80	81.20	53.70	81.30
6/11/2025 12:34:33	54.60	67.50	54.10	67.50
6/11/2025 12:34:34	56.10	80.30	56.40	80.40
6/11/2025 12:34:35	60.80	90.40	58.80	90.40
6/11/2025 12:34:36	60.30	67.00	55.90	67.10
6/11/2025 12:34:37	57.20	75.00	54.90	74.80
6/11/2025 12:34:38	61.40	92.50	60.20	92.50
6/11/2025 12:34:39	61.20	86.90	58.70	86.80
6/11/2025 12:34:40	59.20	74.90	54.60	75.10
6/11/2025 12:34:41	58.40	87.50	56.80	87.50
6/11/2025 12:34:42	62.90	91.80	62.80	91.80
6/11/2025 12:34:43	62.70	86.20	58.50	86.10
6/11/2025 12:34:44	60.30	83.30	57.40	83.30
6/11/2025 12:34:45	58.90	88.70	54.40	88.60
6/11/2025 12:34:46	57.00	83.90	55.20	83.90
6/11/2025 12:34:47	56.00	68.80	51.50	69.00
6/11/2025 12:34:48	54.00	71.10	51.90	71.60
6/11/2025 12:34:49	52.90	62.70	50.30	63.70
6/11/2025 12:34:50	63.80	94.90	61.40	94.90
6/11/2025 12:34:51	63.70	87.60	59.50	87.60
6/11/2025 12:34:52	60.60	64.60	50.10	63.80
6/11/2025 12:34:53	57.40	79.30	54.50	79.40
6/11/2025 12:34:54	58.60	93.60	58.40	93.60
6/11/2025 12:34:55	57.80	65.70	53.10	66.00
6/11/2025 12:34:56	57.50	91.90	56.10	91.90
6/11/2025 12:34:57	57.30	78.70	56.30	78.70
6/11/2025 12:34:58	61.40	88.80	59.40	88.80
6/11/2025 12:34:59	61.20	72.50	55.50	72.30
6/11/2025 12:35:00	58.10	76.50	54.70	76.20
6/11/2025 12:35:01	57.10	79.10	54.10	78.90
6/11/2025 12:35:02	55.10	71.50	53.90	71.40
6/11/2025 12:35:03	55.10	78.50	54.20	78.50
6/11/2025 12:35:04	55.60	77.50	55.60	77.50
6/11/2025 12:35:05	56.10	83.30	55.10	83.30
6/11/2025 12:35:06	56.20	78.20	55.90	78.50
6/11/2025 12:35:07	55.90	68.80	52.40	69.10
6/11/2025 12:35:08	53.80	65.00	51.30	66.20
6/11/2025 12:35:09	53.00	67.80	51.10	67.10
6/11/2025 12:35:10	53.30	76.80	51.90	76.50
6/11/2025 12:35:11	53.30	63.60	51.30	64.30
6/11/2025 12:35:12	61.80	89.90	60.90	89.90
6/11/2025 12:35:13	58.80	74.80	52.10	75.70
6/11/2025 12:35:14	59.70	88.50	59.50	88.50
6/11/2025 12:35:15	59.50	88.20	55.80	88.10
6/11/2025 12:35:16	59.20	86.60	58.30	86.50
6/11/2025 12:35:17	59.30	91.10	57.90	91.10
6/11/2025 12:35:18	60.30	87.90	59.50	87.80
6/11/2025 12:35:19	59.90	77.50	53.50	77.70
6/11/2025 12:35:20	62.20	92.70	60.60	92.70
6/11/2025 12:35:21	61.70	85.30	59.30	85.30

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:35:22	60.90	86.50	59.50	86.50
6/11/2025 12:35:23	60.30	86.50	57.10	86.50
6/11/2025 12:35:24	64.70	94.90	62.80	94.90
6/11/2025 12:35:25	62.00	88.40	56.30	88.30
6/11/2025 12:35:26	64.70	94.90	62.60	94.90
6/11/2025 12:35:27	62.00	74.10	54.90	74.20
6/11/2025 12:35:28	60.70	88.10	59.10	88.10
6/11/2025 12:35:29	59.90	77.40	56.30	77.40
6/11/2025 12:35:30	59.90	82.40	59.00	82.40
6/11/2025 12:35:31	58.80	66.90	53.40	66.20
6/11/2025 12:35:32	56.00	72.90	54.50	72.80
6/11/2025 12:35:33	55.60	71.30	54.40	71.50
6/11/2025 12:35:34	54.80	77.60	53.60	77.60
6/11/2025 12:35:35	54.40	67.10	52.90	66.40
6/11/2025 12:35:36	53.90	75.40	52.60	75.40
6/11/2025 12:35:37	52.80	64.60	51.40	64.30
6/11/2025 12:35:38	52.30	68.30	51.80	68.80
6/11/2025 12:35:39	56.10	85.50	55.70	85.40
6/11/2025 12:35:40	54.90	76.00	53.50	76.10
6/11/2025 12:35:41	54.50	69.80	54.00	69.40
6/11/2025 12:35:42	58.20	88.80	57.00	88.80
6/11/2025 12:35:43	56.10	78.10	51.70	78.10
6/11/2025 12:35:44	61.40	91.00	61.40	91.00
6/11/2025 12:35:45	61.10	83.20	56.60	83.10
6/11/2025 12:35:46	59.40	88.30	56.90	88.30
6/11/2025 12:35:47	59.00	78.30	56.70	78.30
6/11/2025 12:35:48	57.30	77.60	51.30	77.70
6/11/2025 12:35:49	58.60	89.40	57.20	89.40
6/11/2025 12:35:50	57.70	74.60	53.40	74.80
6/11/2025 12:35:51	59.50	87.60	58.40	87.60
6/11/2025 12:35:52	57.60	81.20	53.70	81.40
6/11/2025 12:35:53	56.30	83.90	53.90	83.90
6/11/2025 12:35:54	55.50	68.40	52.60	67.70
6/11/2025 12:35:55	55.80	85.00	54.60	85.10
6/11/2025 12:35:56	54.00	79.30	51.20	79.20
6/11/2025 12:35:57	52.20	65.90	49.50	66.30
6/11/2025 12:35:58	52.30	66.30	52.00	66.80
6/11/2025 12:35:59	52.70	73.20	51.90	73.30
6/11/2025 12:36:00	53.00	78.10	52.00	77.80
6/11/2025 12:36:01	52.90	65.60	50.50	65.70
6/11/2025 12:36:02	60.50	89.10	60.60	89.10
6/11/2025 12:36:03	60.80	88.20	57.60	88.10
6/11/2025 12:36:04	60.30	64.30	54.10	64.40
6/11/2025 12:36:05	57.80	86.50	55.30	86.50
6/11/2025 12:36:06	57.70	85.30	55.20	85.10
6/11/2025 12:36:07	56.40	81.50	55.30	81.30
6/11/2025 12:36:08	55.60	62.30	49.70	62.50
6/11/2025 12:36:09	54.70	86.50	53.10	86.40
6/11/2025 12:36:10	52.80	78.40	50.50	78.10
6/11/2025 12:36:11	54.40	81.70	54.90	81.50
6/11/2025 12:36:12	54.40	78.00	52.50	78.00

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:36:13	54.00	74.50	53.60	74.60
6/11/2025 12:36:14	62.20	95.80	60.60	95.70
6/11/2025 12:36:15	60.30	82.30	52.80	82.40
6/11/2025 12:36:16	57.10	79.50	53.40	79.40
6/11/2025 12:36:17	59.40	87.80	57.60	87.70
6/11/2025 12:36:18	56.40	85.00	52.70	85.10
6/11/2025 12:36:19	55.80	70.00	52.50	70.20
6/11/2025 12:36:20	53.50	70.70	49.90	71.30
6/11/2025 12:36:21	51.80	63.80	50.10	63.60
6/11/2025 12:36:22	55.50	70.10	55.30	70.20
6/11/2025 12:36:23	55.20	65.60	52.60	66.50
6/11/2025 12:36:24	54.80	81.90	52.90	81.80
6/11/2025 12:36:25	54.80	78.80	54.10	78.90
6/11/2025 12:36:26	55.20	81.40	53.10	81.60
6/11/2025 12:36:27	55.10	69.80	52.10	69.40
6/11/2025 12:36:28	52.70	66.50	50.20	65.70
6/11/2025 12:36:29	52.00	65.40	51.30	66.10
6/11/2025 12:36:30	54.00	78.00	54.20	77.90
6/11/2025 12:36:31	54.20	70.70	53.20	70.50
6/11/2025 12:36:32	54.20	77.10	53.30	77.40
6/11/2025 12:36:33	60.40	88.80	59.50	88.80
6/11/2025 12:36:34	58.30	78.30	55.30	78.20
6/11/2025 12:36:35	56.70	79.20	54.70	79.00
6/11/2025 12:36:36	64.20	92.10	65.00	92.10
6/11/2025 12:36:37	64.60	89.40	62.30	89.30
6/11/2025 12:36:38	63.60	89.40	62.80	89.30
6/11/2025 12:36:39	62.70	80.90	55.20	80.70
6/11/2025 12:36:40	60.30	88.60	54.20	88.70
6/11/2025 12:36:41	60.30	72.30	56.90	72.20
6/11/2025 12:36:42	57.10	74.10	52.60	74.60
6/11/2025 12:36:43	57.60	85.30	55.30	85.20
6/11/2025 12:36:44	55.50	86.00	53.20	86.10
6/11/2025 12:36:45	54.20	68.70	53.10	68.50
6/11/2025 12:36:46	53.50	64.10	51.00	63.90
6/11/2025 12:36:47	56.90	87.30	56.30	87.30
6/11/2025 12:36:48	55.30	81.70	53.50	81.90
6/11/2025 12:36:49	55.00	72.30	54.00	72.40
6/11/2025 12:36:50	59.00	94.20	57.80	94.20
6/11/2025 12:36:51	58.20	85.40	55.90	85.30
6/11/2025 12:36:52	60.60	89.80	59.50	89.80
6/11/2025 12:36:53	60.20	85.30	55.70	85.10
6/11/2025 12:36:54	57.60	81.50	55.10	81.40
6/11/2025 12:36:55	63.80	94.20	62.10	94.30
6/11/2025 12:36:56	60.80	84.10	55.20	84.20
6/11/2025 12:36:57	61.10	86.20	58.30	86.10
6/11/2025 12:36:58	58.30	80.80	51.10	80.70
6/11/2025 12:36:59	55.40	68.40	53.20	68.20
6/11/2025 12:37:00	54.90	69.00	53.30	68.50
6/11/2025 12:37:01	53.80	68.40	51.50	68.00
6/11/2025 12:37:02	52.80	71.50	52.50	71.10
6/11/2025 12:37:03	52.30	77.60	51.10	77.30

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:37:04	52.50	70.80	52.20	70.70
6/11/2025 12:37:05	60.90	92.80	60.80	92.90
6/11/2025 12:37:06	60.30	74.10	54.10	74.70
6/11/2025 12:37:07	56.90	83.70	52.40	83.70
6/11/2025 12:37:08	56.20	79.70	52.60	79.60
6/11/2025 12:37:09	55.50	80.00	55.40	79.80
6/11/2025 12:37:10	55.20	82.90	53.70	82.70
6/11/2025 12:37:11	57.00	83.80	55.30	83.80
6/11/2025 12:37:12	60.30	91.10	60.70	91.10
6/11/2025 12:37:13	59.50	84.10	56.80	84.00
6/11/2025 12:37:14	58.00	84.60	55.00	84.50
6/11/2025 12:37:15	57.10	74.80	54.00	74.80
6/11/2025 12:37:16	57.60	85.00	55.70	85.00
6/11/2025 12:37:17	55.70	83.00	53.20	83.00
6/11/2025 12:37:18	54.00	64.50	51.10	64.10
6/11/2025 12:37:19	57.30	82.50	57.60	82.50
6/11/2025 12:37:20	60.40	89.20	60.20	89.20
6/11/2025 12:37:21	58.70	70.10	56.00	70.30
6/11/2025 12:37:22	57.70	78.40	54.60	78.20
6/11/2025 12:37:23	61.10	91.30	59.90	91.20
6/11/2025 12:37:24	60.10	78.80	54.20	78.80
6/11/2025 12:37:25	57.80	79.50	55.40	79.40
6/11/2025 12:37:26	58.30	82.70	58.80	82.60
6/11/2025 12:37:27	57.80	72.10	53.80	72.00
6/11/2025 12:37:28	55.80	79.00	54.30	79.20
6/11/2025 12:37:29	56.10	73.50	54.60	73.90
6/11/2025 12:37:30	54.40	66.20	51.40	67.00
6/11/2025 12:37:31	52.70	76.20	51.30	76.10
6/11/2025 12:37:32	52.70	70.30	52.20	71.00
6/11/2025 12:37:33	52.80	67.60	51.50	67.90
6/11/2025 12:37:34	53.10	73.70	52.30	73.80
6/11/2025 12:37:35	59.60	88.60	58.40	88.60
6/11/2025 12:37:36	59.10	75.10	53.80	74.80
6/11/2025 12:37:37	59.00	87.90	54.90	88.00
6/11/2025 12:37:38	58.90	79.20	56.60	79.40
6/11/2025 12:37:39	57.10	85.90	54.40	85.80
6/11/2025 12:37:40	56.90	66.50	52.50	66.30
6/11/2025 12:37:41	54.00	66.40	50.20	65.00
6/11/2025 12:37:42	56.20	78.30	56.10	78.20
6/11/2025 12:37:43	56.20	65.60	53.40	66.20
6/11/2025 12:37:44	53.90	72.80	52.00	72.50
6/11/2025 12:37:45	53.90	85.80	53.00	85.80
6/11/2025 12:37:46	53.80	74.60	53.80	74.50
6/11/2025 12:37:47	59.10	88.50	59.40	88.50
6/11/2025 12:37:48	58.30	83.70	55.90	83.70
6/11/2025 12:37:49	58.40	87.80	57.50	87.60
6/11/2025 12:37:50	58.00	85.80	55.40	85.90
6/11/2025 12:37:51	57.30	80.80	55.40	80.90
6/11/2025 12:37:52	56.00	73.70	55.50	74.10
6/11/2025 12:37:53	58.20	84.50	58.00	84.60
6/11/2025 12:37:54	57.20	81.70	53.80	81.70

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:37:55	58.20	86.80	57.30	86.90
6/11/2025 12:37:56	57.30	90.00	56.00	89.90
6/11/2025 12:37:57	56.40	67.50	53.60	68.00
6/11/2025 12:37:58	54.80	68.80	53.80	68.00
6/11/2025 12:37:59	55.90	74.60	54.30	74.50
6/11/2025 12:38:00	55.80	67.60	53.40	68.90
6/11/2025 12:38:01	53.90	73.40	52.00	73.50
6/11/2025 12:38:02	55.40	84.90	52.30	85.00
6/11/2025 12:38:03	55.50	71.30	54.10	70.50
6/11/2025 12:38:04	54.30	74.90	53.60	74.60
6/11/2025 12:38:05	54.10	67.80	53.10	68.10
6/11/2025 12:38:06	53.80	79.80	52.60	79.90
6/11/2025 12:38:07	52.80	64.60	50.70	65.10
6/11/2025 12:38:08	54.60	79.20	55.10	79.20
6/11/2025 12:38:09	55.20	69.40	54.50	69.50
6/11/2025 12:38:10	54.20	68.50	52.00	68.50
6/11/2025 12:38:11	55.00	70.70	53.80	70.50
6/11/2025 12:38:12	55.60	76.50	55.50	76.30
6/11/2025 12:38:13	54.70	66.20	52.40	67.10
6/11/2025 12:38:14	61.10	88.00	59.70	88.10
6/11/2025 12:38:15	59.80	88.70	58.10	88.70
6/11/2025 12:38:16	58.80	77.60	53.70	78.10
6/11/2025 12:38:17	58.40	88.00	55.80	88.00
6/11/2025 12:38:18	55.80	75.90	52.90	75.90
6/11/2025 12:38:19	54.10	80.80	52.40	80.60
6/11/2025 12:38:20	56.70	86.50	56.20	86.50
6/11/2025 12:38:21	59.60	91.80	59.00	91.80
6/11/2025 12:38:22	58.90	77.40	53.10	77.20
6/11/2025 12:38:23	60.90	91.00	60.10	90.90
6/11/2025 12:38:24	58.90	88.60	54.50	88.50
6/11/2025 12:38:25	56.80	87.30	54.10	87.10
6/11/2025 12:38:26	59.40	87.70	59.60	87.50
6/11/2025 12:38:27	59.40	82.10	57.40	82.10
6/11/2025 12:38:28	57.70	71.30	52.40	71.00
6/11/2025 12:38:29	55.40	73.90	53.10	73.60
6/11/2025 12:38:30	54.20	64.90	51.80	64.80
6/11/2025 12:38:31	52.70	70.90	51.30	71.30
6/11/2025 12:38:32	57.80	82.90	56.90	82.90
6/11/2025 12:38:33	56.60	75.00	52.20	75.10
6/11/2025 12:38:34	56.00	74.60	55.10	74.50
6/11/2025 12:38:35	59.80	85.90	55.90	85.90
6/11/2025 12:38:36	59.90	85.10	57.90	85.20
6/11/2025 12:38:37	58.10	79.80	56.60	79.80
6/11/2025 12:38:38	61.60	88.90	59.80	88.90
6/11/2025 12:38:39	60.90	72.80	53.90	73.30
6/11/2025 12:38:40	57.70	72.50	52.90	72.70
6/11/2025 12:38:41	57.60	84.00	56.20	84.00
6/11/2025 12:38:42	56.00	64.00	51.00	63.70
6/11/2025 12:38:43	53.50	74.60	52.10	74.90
6/11/2025 12:38:44	52.80	65.00	50.70	64.90
6/11/2025 12:38:45	57.70	83.20	58.50	83.20

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:38:46	57.00	75.10	56.10	75.20
6/11/2025 12:38:47	56.80	77.10	56.40	77.30
6/11/2025 12:38:48	67.70	89.40	66.60	89.20
6/11/2025 12:38:49	67.10	75.30	60.70	75.40
6/11/2025 12:38:50	63.70	70.30	55.60	70.80
6/11/2025 12:38:51	60.40	73.00	54.10	72.50
6/11/2025 12:38:52	60.70	88.80	58.70	88.70
6/11/2025 12:38:53	58.40	75.00	54.10	75.20
6/11/2025 12:38:54	56.20	67.80	52.50	67.30
6/11/2025 12:38:55	63.20	93.50	61.80	93.50
6/11/2025 12:38:56	60.80	67.00	51.80	66.80
6/11/2025 12:38:57	57.50	66.30	52.60	66.40
6/11/2025 12:38:58	55.10	76.70	53.40	76.70
6/11/2025 12:38:59	54.60	67.40	53.40	67.10
6/11/2025 12:39:00	63.40	94.50	62.50	94.50
6/11/2025 12:39:01	60.60	76.30	53.90	76.00
6/11/2025 12:39:02	57.70	73.30	52.60	73.40
6/11/2025 12:39:03	57.20	83.80	56.00	83.70
6/11/2025 12:39:04	58.90	89.50	57.10	89.40
6/11/2025 12:39:05	57.10	81.50	54.60	81.30
6/11/2025 12:39:06	61.90	93.10	60.80	93.00
6/11/2025 12:39:07	60.60	87.30	58.30	87.30
6/11/2025 12:39:08	60.30	81.80	58.30	81.80
6/11/2025 12:39:09	59.20	70.90	56.40	71.40
6/11/2025 12:39:10	57.20	71.50	55.30	71.00
6/11/2025 12:39:11	57.80	78.90	57.00	78.70
6/11/2025 12:39:12	58.90	84.00	58.70	83.80
6/11/2025 12:39:13	58.40	72.00	56.90	72.10
6/11/2025 12:39:14	58.30	79.00	58.60	79.10
6/11/2025 12:39:15	58.10	67.20	55.40	67.00
6/11/2025 12:39:16	56.30	70.20	54.40	70.60
6/11/2025 12:39:17	55.30	73.10	54.90	73.50
6/11/2025 12:39:18	56.10	77.00	56.00	76.70
6/11/2025 12:39:19	59.80	91.00	58.90	90.90
6/11/2025 12:39:20	59.60	71.50	57.30	71.60
6/11/2025 12:39:21	58.10	69.10	57.70	69.10
6/11/2025 12:39:22	61.20	89.20	60.60	89.10
6/11/2025 12:39:23	62.60	87.90	61.40	87.80
6/11/2025 12:39:24	62.00	87.70	59.90	87.70
6/11/2025 12:39:25	62.50	89.60	61.80	89.60
6/11/2025 12:39:26	63.90	90.90	61.70	90.80
6/11/2025 12:39:27	61.50	82.50	58.10	82.20
6/11/2025 12:39:28	60.30	80.50	57.90	80.50
6/11/2025 12:39:29	58.60	69.50	56.50	69.60
6/11/2025 12:39:30	58.50	73.90	58.60	73.80
6/11/2025 12:39:31	60.80	76.90	60.30	76.90
6/11/2025 12:39:32	60.90	74.50	60.90	74.40
6/11/2025 12:39:33	62.70	78.40	62.70	78.50
6/11/2025 12:39:34	63.20	75.60	63.30	75.30
6/11/2025 12:39:35	62.90	86.40	61.80	86.30
6/11/2025 12:39:36	63.30	89.00	62.90	88.90

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:39:37	63.50	79.20	63.20	79.20
6/11/2025 12:39:38	64.70	84.50	64.50	84.50
6/11/2025 12:39:39	65.60	80.60	65.70	80.50
6/11/2025 12:39:40	66.10	80.50	66.10	80.20
6/11/2025 12:39:41	66.00	81.60	65.60	81.50
6/11/2025 12:39:42	69.60	87.90	70.20	87.80
6/11/2025 12:39:43	69.50	84.50	67.10	84.40
6/11/2025 12:39:44	69.00	84.40	68.40	84.50
6/11/2025 12:39:45	69.40	87.10	68.20	87.00
6/11/2025 12:39:46	69.60	84.30	69.00	84.20
6/11/2025 12:39:47	68.70	81.70	68.10	81.90
6/11/2025 12:39:48	69.00	83.20	69.10	83.20
6/11/2025 12:39:49	68.90	80.80	68.20	80.80
6/11/2025 12:39:50	68.90	89.80	66.50	89.90
6/11/2025 12:39:51	67.10	86.40	65.40	86.50
6/11/2025 12:39:52	66.00	86.40	63.50	86.40
6/11/2025 12:39:53	64.40	88.30	61.00	88.30
6/11/2025 12:39:54	63.50	80.60	63.80	80.70
6/11/2025 12:39:55	64.20	89.60	63.20	89.60
6/11/2025 12:39:56	65.70	92.60	65.20	92.60
6/11/2025 12:39:57	64.20	80.50	60.70	80.60
6/11/2025 12:39:58	62.30	78.10	59.50	78.20
6/11/2025 12:39:59	60.80	77.90	59.90	77.60
6/11/2025 12:40:00	60.70	81.90	60.60	82.00
6/11/2025 12:40:01	60.30	74.80	59.00	74.60
6/11/2025 12:40:02	61.10	80.10	61.30	80.10
6/11/2025 12:40:03	61.90	75.30	62.10	75.10
6/11/2025 12:40:04	61.50	75.40	60.70	75.50
6/11/2025 12:40:05	60.80	75.20	59.90	75.20
6/11/2025 12:40:06	60.70	74.90	59.50	74.50
6/11/2025 12:40:07	59.80	76.30	56.60	76.00
6/11/2025 12:40:08	57.70	78.70	55.70	78.60
6/11/2025 12:40:09	63.10	92.50	62.50	92.50
6/11/2025 12:40:10	60.60	68.60	55.50	68.80
6/11/2025 12:40:11	60.80	87.40	60.30	87.40
6/11/2025 12:40:12	60.40	77.10	56.10	77.30
6/11/2025 12:40:13	57.80	66.70	53.60	65.80
6/11/2025 12:40:14	56.90	82.70	55.10	82.80
6/11/2025 12:40:15	55.30	66.70	53.10	67.30
6/11/2025 12:40:16	54.00	66.30	52.70	66.30
6/11/2025 12:40:17	54.10	79.30	53.30	79.40
6/11/2025 12:40:18	55.50	75.60	55.30	75.30
6/11/2025 12:40:19	55.90	86.10	54.60	86.10
6/11/2025 12:40:20	55.50	66.60	52.10	66.20
6/11/2025 12:40:21	54.00	76.50	52.90	76.80
6/11/2025 12:40:22	54.20	81.30	52.90	81.50
6/11/2025 12:40:23	60.50	88.40	59.10	88.40
6/11/2025 12:40:24	59.40	85.00	55.20	84.90
6/11/2025 12:40:25	58.20	73.40	53.60	73.10
6/11/2025 12:40:26	64.20	93.70	63.10	93.70
6/11/2025 12:40:27	63.60	87.70	61.10	87.70

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:40:28	63.70	90.90	62.30	90.90
6/11/2025 12:40:29	62.10	89.50	58.00	89.50
6/11/2025 12:40:30	61.10	74.10	55.10	74.30
6/11/2025 12:40:31	58.80	85.50	55.90	85.50
6/11/2025 12:40:32	57.80	84.30	56.20	84.20
6/11/2025 12:40:33	57.40	88.20	54.60	88.20
6/11/2025 12:40:34	57.10	76.70	54.00	76.40
6/11/2025 12:40:35	58.50	87.20	57.50	87.10
6/11/2025 12:40:36	57.90	82.40	52.60	82.30
6/11/2025 12:40:37	60.40	91.20	59.30	91.20
6/11/2025 12:40:38	58.60	89.00	55.60	89.00
6/11/2025 12:40:39	58.70	86.00	56.10	86.00
6/11/2025 12:40:40	58.20	88.20	57.40	88.20
6/11/2025 12:40:41	56.90	81.40	53.60	81.50
6/11/2025 12:40:42	55.70	80.80	54.40	80.80
6/11/2025 12:40:43	59.90	90.20	57.50	90.30
6/11/2025 12:40:44	59.70	81.20	57.20	81.20
6/11/2025 12:40:45	60.60	92.90	58.80	92.80
6/11/2025 12:40:46	58.60	81.70	53.70	81.40
6/11/2025 12:40:47	59.40	85.60	57.50	85.60
6/11/2025 12:40:48	58.90	74.00	53.70	73.90
6/11/2025 12:40:49	57.90	89.60	55.20	89.60
6/11/2025 12:40:50	60.90	89.80	59.60	89.90
6/11/2025 12:40:51	61.90	87.20	61.10	87.20
6/11/2025 12:40:52	60.60	76.20	55.00	76.60
6/11/2025 12:40:53	58.30	73.90	55.60	73.70
6/11/2025 12:40:54	57.70	82.10	55.20	82.00
6/11/2025 12:40:55	56.00	67.60	53.10	67.50
6/11/2025 12:40:56	61.20	93.20	59.90	93.10
6/11/2025 12:40:57	58.40	73.90	50.90	73.90
6/11/2025 12:40:58	55.30	80.10	53.10	80.10
6/11/2025 12:40:59	54.80	75.00	53.90	74.60
6/11/2025 12:41:00	58.30	86.70	56.90	86.40
6/11/2025 12:41:01	60.70	83.50	59.50	83.60
6/11/2025 12:41:02	58.30	74.20	54.90	74.40
6/11/2025 12:41:03	57.60	70.50	55.50	71.30
6/11/2025 12:41:04	56.00	82.00	54.10	82.00
6/11/2025 12:41:05	56.80	89.70	56.80	89.60
6/11/2025 12:41:06	56.00	78.80	53.30	78.70
6/11/2025 12:41:07	54.50	80.30	53.20	80.40
6/11/2025 12:41:08	57.10	84.80	57.10	84.70
6/11/2025 12:41:09	64.30	94.10	56.60	94.10
6/11/2025 12:41:10	64.30	81.00	63.10	80.90
6/11/2025 12:41:11	62.00	80.60	55.70	80.70
6/11/2025 12:41:12	60.90	88.30	57.30	88.20
6/11/2025 12:41:13	60.20	72.10	56.90	71.50
6/11/2025 12:41:14	59.00	78.90	55.90	79.10
6/11/2025 12:41:15	57.70	87.20	54.90	87.10
6/11/2025 12:41:16	57.70	70.00	55.80	69.30
6/11/2025 12:41:17	59.40	82.50	58.40	82.60
6/11/2025 12:41:18	57.20	68.90	54.90	68.30

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:41:19	55.70	75.50	52.40	75.70
6/11/2025 12:41:20	54.00	71.50	52.60	71.40
6/11/2025 12:41:21	53.30	65.10	52.40	64.90
6/11/2025 12:41:22	55.90	80.50	55.40	80.30
6/11/2025 12:41:23	56.30	81.10	55.00	81.10
6/11/2025 12:41:24	57.00	81.70	55.70	81.50
6/11/2025 12:41:25	55.70	68.00	52.40	67.60
6/11/2025 12:41:26	54.00	71.60	52.60	70.60
6/11/2025 12:41:27	54.80	79.10	54.10	79.20
6/11/2025 12:41:28	53.90	74.80	52.60	74.30
6/11/2025 12:41:29	58.80	99.20	56.50	99.20
6/11/2025 12:41:30	58.10	67.40	54.00	67.30
6/11/2025 12:41:31	55.80	81.20	55.30	81.30
6/11/2025 12:41:32	57.20	85.50	56.20	85.50
6/11/2025 12:41:33	58.10	83.60	57.80	83.80
6/11/2025 12:41:34	57.40	71.80	54.60	71.10
6/11/2025 12:41:35	56.20	69.70	56.00	69.20
6/11/2025 12:41:36	56.10	68.30	56.00	68.40
6/11/2025 12:41:37	58.30	91.50	56.50	91.40
6/11/2025 12:41:38	58.20	68.90	58.00	69.40
6/11/2025 12:41:39	57.40	75.00	55.80	74.90
6/11/2025 12:41:40	59.60	93.10	58.40	93.00
6/11/2025 12:41:41	58.80	70.70	54.10	70.30
6/11/2025 12:41:42	56.40	68.30	55.20	68.00
6/11/2025 12:41:43	58.80	86.40	58.50	86.40
6/11/2025 12:41:44	57.80	68.70	53.90	68.20
6/11/2025 12:41:45	55.80	66.30	53.30	65.90
6/11/2025 12:41:46	56.20	83.00	56.20	83.00
6/11/2025 12:41:47	60.60	88.00	61.00	88.00
6/11/2025 12:41:48	61.30	86.50	59.40	86.50
6/11/2025 12:41:49	60.00	71.30	55.60	71.50
6/11/2025 12:41:50	58.20	81.20	57.20	81.00
6/11/2025 12:41:51	57.80	69.70	56.10	70.30
6/11/2025 12:41:52	56.70	68.90	54.80	68.40
6/11/2025 12:41:53	55.40	66.50	52.20	65.70
6/11/2025 12:41:54	54.20	67.70	53.90	67.60
6/11/2025 12:41:55	55.40	74.40	55.20	74.30
6/11/2025 12:41:56	55.10	67.30	52.10	66.70
6/11/2025 12:41:57	54.80	75.50	54.60	75.60
6/11/2025 12:41:58	54.00	66.40	53.20	66.40
6/11/2025 12:41:59	55.50	78.80	55.30	78.70
6/11/2025 12:42:00	54.20	73.30	51.70	73.40
6/11/2025 12:42:01	53.90	82.60	52.90	82.70
6/11/2025 12:42:02	62.00	94.10	60.60	94.10
6/11/2025 12:42:03	59.90	80.50	54.90	80.80
6/11/2025 12:42:04	58.00	76.70	56.70	76.40
6/11/2025 12:42:05	57.40	85.20	56.20	85.10
6/11/2025 12:42:06	61.90	88.40	62.70	88.30
6/11/2025 12:42:07	61.60	86.60	57.40	86.60
6/11/2025 12:42:08	58.90	70.60	54.40	70.70
6/11/2025 12:42:09	57.10	83.90	54.10	83.90

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:42:10	55.30	74.70	51.70	74.80
6/11/2025 12:42:11	53.20	72.10	50.70	72.20
6/11/2025 12:42:12	51.80	71.10	50.40	71.10
6/11/2025 12:42:13	51.90	71.60	51.90	71.50
6/11/2025 12:42:14	53.30	73.50	52.80	73.50
6/11/2025 12:42:15	53.50	83.30	52.20	83.20
6/11/2025 12:42:16	54.00	73.00	54.10	72.40
6/11/2025 12:42:17	53.10	64.40	50.70	64.40
6/11/2025 12:42:18	52.20	74.50	51.30	74.70
6/11/2025 12:42:19	55.20	87.60	54.00	87.60
6/11/2025 12:42:20	57.40	82.40	55.30	82.40
6/11/2025 12:42:21	57.70	82.60	55.20	82.40
6/11/2025 12:42:22	57.40	85.50	55.20	85.50
6/11/2025 12:42:23	59.50	87.30	55.10	87.30
6/11/2025 12:42:24	59.40	85.20	58.60	85.00
6/11/2025 12:42:25	58.90	77.40	55.80	77.20
6/11/2025 12:42:26	56.70	69.50	53.80	69.60
6/11/2025 12:42:27	58.80	84.00	58.10	84.00
6/11/2025 12:42:28	65.50	95.60	63.80	95.60
6/11/2025 12:42:29	64.10	80.80	55.20	80.80
6/11/2025 12:42:30	60.60	78.30	54.10	78.20
6/11/2025 12:42:31	58.30	86.90	55.90	86.90
6/11/2025 12:42:32	57.20	77.50	54.20	77.60
6/11/2025 12:42:33	55.50	68.70	50.40	68.20
6/11/2025 12:42:34	55.80	84.30	53.70	84.40
6/11/2025 12:42:35	54.50	76.80	53.60	76.70
6/11/2025 12:42:36	54.00	66.50	51.10	67.00
6/11/2025 12:42:37	57.50	85.00	56.50	85.10
6/11/2025 12:42:38	55.50	66.60	51.50	66.50
6/11/2025 12:42:39	53.40	70.80	52.10	71.00
6/11/2025 12:42:40	52.40	70.80	49.80	70.90
6/11/2025 12:42:41	55.40	83.40	52.50	83.40
6/11/2025 12:42:42	55.20	76.70	52.60	76.50
6/11/2025 12:42:43	57.70	85.90	57.20	85.90
6/11/2025 12:42:44	58.90	85.60	58.20	85.60
6/11/2025 12:42:45	58.10	87.60	54.10	87.50
6/11/2025 12:42:46	56.60	78.20	52.90	78.20
6/11/2025 12:42:47	67.00	97.70	63.30	97.60
6/11/2025 12:42:48	66.30	84.20	60.70	84.20
6/11/2025 12:42:49	63.20	90.10	58.70	90.10
6/11/2025 12:42:50	60.50	79.70	53.10	79.70
6/11/2025 12:42:51	58.40	79.70	57.10	79.60
6/11/2025 12:42:52	63.30	83.50	62.10	83.50
6/11/2025 12:42:53	63.20	73.60	60.80	73.50
6/11/2025 12:42:54	61.70	87.20	57.50	87.10
6/11/2025 12:42:55	61.70	69.00	57.70	69.00
6/11/2025 12:42:56	58.30	68.80	51.80	67.80
6/11/2025 12:42:57	57.00	72.40	55.60	72.10
6/11/2025 12:42:58	56.90	71.00	54.50	70.70
6/11/2025 12:42:59	55.10	71.50	52.50	71.30
6/11/2025 12:43:00	53.50	64.20	50.90	64.20

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:43:01	52.80	82.30	50.40	82.20
6/11/2025 12:43:02	53.00	67.50	52.90	68.20
6/11/2025 12:43:03	53.00	72.20	52.10	72.10
6/11/2025 12:43:04	51.90	64.60	50.40	64.60
6/11/2025 12:43:05	51.50	68.40	51.30	68.40
6/11/2025 12:43:06	51.90	65.50	51.70	65.30
6/11/2025 12:43:07	52.90	70.50	52.10	70.20
6/11/2025 12:43:08	55.40	81.90	55.30	81.80
6/11/2025 12:43:09	59.90	92.70	59.20	92.70
6/11/2025 12:43:10	62.10	91.80	60.70	91.60
6/11/2025 12:43:11	61.00	82.10	56.80	82.20
6/11/2025 12:43:12	59.10	77.70	55.10	77.90
6/11/2025 12:43:13	58.30	86.10	55.90	86.10
6/11/2025 12:43:14	59.20	84.10	59.10	84.00
6/11/2025 12:43:15	59.10	77.90	56.80	77.70
6/11/2025 12:43:16	61.80	74.40	62.30	74.30
6/11/2025 12:43:17	61.60	74.80	59.20	75.20
6/11/2025 12:43:18	60.10	76.70	58.30	76.70
6/11/2025 12:43:19	59.60	81.20	56.20	81.00
6/11/2025 12:43:20	57.60	76.90	53.50	77.00
6/11/2025 12:43:21	55.20	66.00	52.40	66.40
6/11/2025 12:43:22	55.20	71.30	54.00	71.00
6/11/2025 12:43:23	54.30	77.40	52.40	77.40
6/11/2025 12:43:24	55.80	69.00	56.40	68.80
6/11/2025 12:43:25	55.60	79.30	53.30	79.40
6/11/2025 12:43:26	56.80	80.60	55.80	80.50
6/11/2025 12:43:27	61.60	91.60	61.20	91.60
6/11/2025 12:43:28	61.60	72.70	54.60	72.80
6/11/2025 12:43:29	64.30	94.10	62.90	94.10
6/11/2025 12:43:30	63.50	79.60	56.30	79.70
6/11/2025 12:43:31	60.50	88.30	58.50	88.30
6/11/2025 12:43:32	61.80	76.80	60.60	76.90
6/11/2025 12:43:33	63.30	91.70	61.20	91.70
6/11/2025 12:43:34	61.90	83.40	55.40	83.30
6/11/2025 12:43:35	59.70	85.20	55.30	85.20
6/11/2025 12:43:36	56.90	75.00	52.30	74.90
6/11/2025 12:43:37	60.00	91.30	58.70	91.30
6/11/2025 12:43:38	61.10	77.90	58.50	77.90
6/11/2025 12:43:39	61.10	70.50	56.00	70.90
6/11/2025 12:43:40	57.40	65.80	49.70	66.00
6/11/2025 12:43:41	54.30	67.50	51.60	67.10
6/11/2025 12:43:42	53.80	81.40	50.80	81.30
6/11/2025 12:43:43	54.20	78.10	53.60	77.90
6/11/2025 12:43:44	58.10	83.20	58.20	83.00
6/11/2025 12:43:45	58.50	82.00	57.00	82.00
6/11/2025 12:43:46	60.80	89.00	59.00	89.00
6/11/2025 12:43:47	59.30	83.90	56.10	83.90
6/11/2025 12:43:48	58.90	86.50	56.00	86.40
6/11/2025 12:43:49	61.00	89.40	58.80	89.40
6/11/2025 12:43:50	61.40	86.60	61.60	86.50
6/11/2025 12:43:51	61.30	85.50	60.20	85.60

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:43:52	60.50	88.20	55.00	88.20
6/11/2025 12:43:53	60.80	89.20	60.00	89.20
6/11/2025 12:43:54	59.30	67.90	53.40	68.00
6/11/2025 12:43:55	56.70	71.30	54.60	70.80
6/11/2025 12:43:56	56.20	70.30	54.30	70.10
6/11/2025 12:43:57	58.30	78.30	58.30	78.00
6/11/2025 12:43:58	58.30	72.60	56.40	72.30
6/11/2025 12:43:59	61.30	89.80	61.00	89.80
6/11/2025 12:44:00	59.80	80.50	54.10	80.40
6/11/2025 12:44:01	57.10	71.00	51.20	70.40
6/11/2025 12:44:02	54.20	82.40	52.00	82.30
6/11/2025 12:44:03	53.90	63.50	50.40	62.20
6/11/2025 12:44:04	57.90	90.00	57.30	90.00
6/11/2025 12:44:05	56.80	78.80	53.20	78.80
6/11/2025 12:44:06	56.80	66.60	53.70	66.80
6/11/2025 12:44:07	65.30	89.10	64.30	89.10
6/11/2025 12:44:08	64.70	75.50	57.90	75.70
6/11/2025 12:44:09	63.50	90.60	60.40	90.50
6/11/2025 12:44:10	60.80	82.90	57.90	82.90
6/11/2025 12:44:11	60.70	77.40	60.20	77.10
6/11/2025 12:44:12	60.70	77.50	58.10	77.40
6/11/2025 12:44:13	62.90	91.60	61.50	91.60
6/11/2025 12:44:14	61.20	79.50	54.80	79.40
6/11/2025 12:44:15	58.70	87.70	55.90	87.60
6/11/2025 12:44:16	57.60	76.10	56.30	76.00
6/11/2025 12:44:17	56.90	70.80	54.20	71.50
6/11/2025 12:44:18	55.00	63.50	50.50	63.40
6/11/2025 12:44:19	55.40	81.70	54.20	81.50
6/11/2025 12:44:20	54.60	66.20	51.60	66.90
6/11/2025 12:44:21	55.30	86.40	54.00	86.30
6/11/2025 12:44:22	53.90	64.90	50.80	65.70
6/11/2025 12:44:23	56.30	82.20	56.80	82.10
6/11/2025 12:44:24	56.00	66.10	52.10	66.90
6/11/2025 12:44:25	53.60	63.60	49.40	63.30
6/11/2025 12:44:26	55.40	81.00	54.90	81.00
6/11/2025 12:44:27	61.10	89.90	59.60	89.90
6/11/2025 12:44:28	59.10	81.20	53.30	81.10
6/11/2025 12:44:29	59.60	84.00	59.70	84.00
6/11/2025 12:44:30	60.10	82.50	59.00	82.50
6/11/2025 12:44:31	62.10	88.80	60.40	88.80
6/11/2025 12:44:32	63.20	90.90	61.80	90.80
6/11/2025 12:44:33	63.30	88.30	62.40	88.30
6/11/2025 12:44:34	62.20	87.20	59.30	87.20
6/11/2025 12:44:35	64.30	91.10	63.40	91.10
6/11/2025 12:44:36	62.00	80.70	55.20	80.50
6/11/2025 12:44:37	63.40	92.70	62.00	92.70
6/11/2025 12:44:38	62.40	71.50	58.10	72.00
6/11/2025 12:44:39	61.10	74.60	59.00	74.30
6/11/2025 12:44:40	59.00	66.30	52.90	66.20
6/11/2025 12:44:41	56.80	79.40	56.10	79.50
6/11/2025 12:44:42	57.20	75.30	55.90	75.20

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:44:43	55.70	74.70	51.50	74.70
6/11/2025 12:44:44	53.50	64.90	52.20	64.90
6/11/2025 12:44:45	52.80	65.90	51.60	66.10
6/11/2025 12:44:46	52.00	63.30	49.90	62.50
6/11/2025 12:44:47	51.50	66.20	50.90	66.50
6/11/2025 12:44:48	51.60	65.30	51.60	64.70
6/11/2025 12:44:49	52.10	64.80	52.00	64.90
6/11/2025 12:44:50	51.90	65.40	50.90	65.60
6/11/2025 12:44:51	53.20	72.70	53.40	72.80
6/11/2025 12:44:52	58.20	87.20	56.70	87.30
6/11/2025 12:44:53	57.70	66.10	54.00	66.20
6/11/2025 12:44:54	55.40	71.50	52.20	71.10
6/11/2025 12:44:55	55.70	78.60	55.50	78.50
6/11/2025 12:44:56	63.70	90.80	62.60	90.80
6/11/2025 12:44:57	61.50	87.70	54.60	87.60
6/11/2025 12:44:58	58.40	68.60	53.20	69.00
6/11/2025 12:44:59	56.00	65.90	52.90	65.80
6/11/2025 12:45:00	56.50	87.90	55.70	87.80
6/11/2025 12:45:01	55.90	66.90	53.10	66.90
6/11/2025 12:45:02	54.30	66.10	52.20	65.80
6/11/2025 12:45:03	53.00	64.60	51.50	65.50
6/11/2025 12:45:04	52.80	64.70	52.70	64.80
6/11/2025 12:45:05	54.00	67.10	53.60	67.30
6/11/2025 12:45:06	54.90	77.70	54.30	77.80
6/11/2025 12:45:07	54.80	79.40	53.40	79.30
6/11/2025 12:45:08	56.30	86.60	54.40	86.50
6/11/2025 12:45:09	55.70	63.20	50.90	62.00
6/11/2025 12:45:10	52.90	76.40	50.30	76.90
6/11/2025 12:45:11	61.30	90.30	58.30	90.30
6/11/2025 12:45:12	61.50	86.50	60.90	86.60
6/11/2025 12:45:13	61.40	84.00	58.10	83.90
6/11/2025 12:45:14	59.10	74.50	51.40	74.60
6/11/2025 12:45:15	56.20	73.10	52.50	73.30
6/11/2025 12:45:16	58.80	87.40	58.30	87.30
6/11/2025 12:45:17	66.00	95.50	64.20	95.50
6/11/2025 12:45:18	65.00	83.20	56.80	83.40
6/11/2025 12:45:19	61.30	73.30	55.40	73.50
6/11/2025 12:45:20	58.60	69.50	52.10	69.10
6/11/2025 12:45:21	55.70	75.20	51.30	75.80
6/11/2025 12:45:22	53.40	66.50	51.50	66.60
6/11/2025 12:45:23	52.50	62.40	50.00	62.50
6/11/2025 12:45:24	52.40	66.50	52.40	66.50
6/11/2025 12:45:25	55.00	79.30	55.50	79.30
6/11/2025 12:45:26	55.30	72.20	53.30	72.00
6/11/2025 12:45:27	57.10	90.70	56.70	90.70
6/11/2025 12:45:28	56.70	79.60	52.60	79.70
6/11/2025 12:45:29	54.60	73.40	53.70	73.10
6/11/2025 12:45:30	54.80	78.80	53.80	79.00
6/11/2025 12:45:31	59.50	76.90	57.50	77.30
6/11/2025 12:45:32	62.10	88.80	62.30	88.70
6/11/2025 12:45:33	60.60	77.10	53.90	76.90

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:45:34	57.80	78.60	53.50	78.70
6/11/2025 12:45:35	61.10	87.20	61.20	87.20
6/11/2025 12:45:36	60.00	85.60	54.70	85.60
6/11/2025 12:45:37	59.20	71.70	57.60	71.10
6/11/2025 12:45:38	57.20	70.60	52.90	70.60
6/11/2025 12:45:39	56.10	76.90	54.00	76.90
6/11/2025 12:45:40	56.20	79.80	55.20	79.80
6/11/2025 12:45:41	60.10	90.00	58.90	90.00
6/11/2025 12:45:42	59.00	70.90	51.90	70.80
6/11/2025 12:45:43	63.60	92.60	61.10	92.60
6/11/2025 12:45:44	62.90	64.70	55.70	64.90
6/11/2025 12:45:45	63.10	93.80	56.60	93.80
6/11/2025 12:45:46	63.00	71.00	59.30	70.80
6/11/2025 12:45:47	59.40	74.40	55.90	74.00
6/11/2025 12:45:48	60.20	74.60	59.70	74.60
6/11/2025 12:45:49	58.80	83.70	55.90	83.70
6/11/2025 12:45:50	58.60	85.90	57.20	85.70
6/11/2025 12:45:51	58.10	76.60	57.30	76.60
6/11/2025 12:45:52	59.10	86.70	57.80	86.60
6/11/2025 12:45:53	58.70	80.40	55.20	80.40
6/11/2025 12:45:54	56.70	79.30	53.50	79.20
6/11/2025 12:45:55	54.60	65.60	50.80	66.40
6/11/2025 12:45:56	54.80	76.50	54.60	76.30
6/11/2025 12:45:57	53.90	63.60	49.30	64.50
6/11/2025 12:45:58	58.90	87.70	57.80	87.80
6/11/2025 12:45:59	58.20	67.30	52.30	68.20
6/11/2025 12:46:00	57.10	81.80	55.30	81.90
6/11/2025 12:46:01	60.80	91.10	59.30	91.10
6/11/2025 12:46:02	58.20	78.20	54.20	78.30
6/11/2025 12:46:03	57.20	71.70	55.60	71.30
6/11/2025 12:46:04	56.40	71.10	55.50	71.70
6/11/2025 12:46:05	58.30	85.20	57.30	85.20
6/11/2025 12:46:06	58.40	69.20	55.50	69.60
6/11/2025 12:46:07	56.20	71.70	54.40	71.50
6/11/2025 12:46:08	55.80	72.20	55.50	72.30
6/11/2025 12:46:09	55.10	71.90	52.50	71.50
6/11/2025 12:46:10	53.30	65.10	50.00	65.50
6/11/2025 12:46:11	55.00	78.40	55.60	78.50
6/11/2025 12:46:12	58.50	91.50	57.40	91.60
6/11/2025 12:46:13	57.40	69.30	55.30	69.60
6/11/2025 12:46:14	56.40	77.00	55.00	76.80
6/11/2025 12:46:15	55.80	70.40	55.20	70.20
6/11/2025 12:46:16	58.10	72.20	57.60	72.10
6/11/2025 12:46:17	57.80	71.00	54.50	70.70
6/11/2025 12:46:18	56.30	74.20	55.40	74.60
6/11/2025 12:46:19	55.80	75.90	51.90	75.40
6/11/2025 12:46:20	53.50	66.20	51.00	65.90
6/11/2025 12:46:21	55.00	87.50	54.80	87.40
6/11/2025 12:46:22	54.50	70.50	52.30	70.60
6/11/2025 12:46:23	56.80	85.20	55.10	85.20
6/11/2025 12:46:24	62.40	91.80	61.60	91.80

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:46:25	60.50	87.80	56.50	87.80
6/11/2025 12:46:26	58.30	80.50	51.20	80.40
6/11/2025 12:46:27	55.40	71.60	49.90	71.40
6/11/2025 12:46:28	55.40	83.40	54.10	83.40
6/11/2025 12:46:29	60.20	90.00	58.40	89.90
6/11/2025 12:46:30	62.60	89.70	61.30	89.50
6/11/2025 12:46:31	61.30	84.60	59.70	84.60
6/11/2025 12:46:32	60.00	88.60	56.10	88.50
6/11/2025 12:46:33	59.50	68.30	53.50	68.10
6/11/2025 12:46:34	56.10	70.70	53.70	70.10
6/11/2025 12:46:35	58.80	88.30	58.20	88.20
6/11/2025 12:46:36	57.20	71.50	52.00	71.60
6/11/2025 12:46:37	55.70	72.30	54.70	71.50
6/11/2025 12:46:38	55.10	69.30	52.90	69.10
6/11/2025 12:46:39	53.40	65.60	49.10	66.20
6/11/2025 12:46:40	52.00	67.30	50.80	68.00
6/11/2025 12:46:41	51.90	65.50	49.80	63.90
6/11/2025 12:46:42	54.60	78.90	53.90	78.70
6/11/2025 12:46:43	62.60	92.70	60.40	92.70
6/11/2025 12:46:44	60.70	86.60	51.80	86.60
6/11/2025 12:46:45	60.10	83.80	59.60	83.80
6/11/2025 12:46:46	59.20	70.30	52.50	70.60
6/11/2025 12:46:47	56.90	81.00	54.60	81.10
6/11/2025 12:46:48	56.20	79.20	54.70	79.10
6/11/2025 12:46:49	59.40	89.80	58.20	89.80
6/11/2025 12:46:50	59.50	77.50	56.30	77.50
6/11/2025 12:46:51	56.60	77.90	52.70	77.70
6/11/2025 12:46:52	55.40	79.50	52.30	79.70
6/11/2025 12:46:53	53.90	75.80	50.90	75.90
6/11/2025 12:46:54	53.90	70.20	51.40	70.20
6/11/2025 12:46:55	51.60	62.20	48.60	61.80
6/11/2025 12:46:56	50.30	73.50	49.50	74.10
6/11/2025 12:46:57	50.90	70.50	50.70	69.80
6/11/2025 12:46:58	51.80	68.40	51.70	69.10
6/11/2025 12:46:59	55.40	83.60	54.00	83.50
6/11/2025 12:47:00	54.80	64.10	50.20	64.60
6/11/2025 12:47:01	58.60	89.00	57.30	89.00
6/11/2025 12:47:02	55.90	76.40	51.60	76.20
6/11/2025 12:47:03	61.20	86.50	60.30	86.40
6/11/2025 12:47:04	59.60	73.40	54.40	73.30
6/11/2025 12:47:05	57.80	84.30	55.50	84.40
6/11/2025 12:47:06	56.80	84.30	55.70	84.30
6/11/2025 12:47:07	57.30	82.20	56.20	82.40
6/11/2025 12:47:08	57.90	84.70	56.60	84.70
6/11/2025 12:47:09	57.00	81.20	54.30	81.20
6/11/2025 12:47:10	58.40	83.60	58.60	83.30
6/11/2025 12:47:11	62.50	89.60	62.80	89.70
6/11/2025 12:47:12	66.70	93.40	65.70	93.30
6/11/2025 12:47:13	64.90	85.00	57.30	84.90
6/11/2025 12:47:14	61.90	81.80	55.40	81.70
6/11/2025 12:47:15	59.60	83.30	54.20	83.30

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:47:16	59.00	75.90	58.00	76.10
6/11/2025 12:47:17	57.70	77.50	56.80	77.40
6/11/2025 12:47:18	57.40	83.30	55.20	83.40
6/11/2025 12:47:19	56.20	81.40	52.60	81.30
6/11/2025 12:47:20	54.90	77.80	53.40	78.00
6/11/2025 12:47:21	54.50	65.00	50.60	64.70
6/11/2025 12:47:22	54.70	81.80	53.60	81.90
6/11/2025 12:47:23	52.80	75.70	51.60	75.70
6/11/2025 12:47:24	60.80	88.30	60.10	88.20
6/11/2025 12:47:25	60.20	77.90	54.60	77.70
6/11/2025 12:47:26	57.00	75.90	51.70	75.90
6/11/2025 12:47:27	57.20	82.90	55.40	82.90
6/11/2025 12:47:28	57.20	83.50	55.90	83.50
6/11/2025 12:47:29	56.80	77.30	55.60	77.30
6/11/2025 12:47:30	57.80	84.60	56.70	84.60
6/11/2025 12:47:31	56.60	79.40	54.90	79.30
6/11/2025 12:47:32	58.40	86.80	57.00	86.80
6/11/2025 12:47:33	59.30	78.80	58.30	78.70
6/11/2025 12:47:34	58.30	72.50	56.00	72.30
6/11/2025 12:47:35	57.10	68.40	54.80	68.00
6/11/2025 12:47:36	56.10	69.20	55.90	69.00
6/11/2025 12:47:37	56.00	68.40	55.70	68.50
6/11/2025 12:47:38	55.80	77.10	54.10	76.90
6/11/2025 12:47:39	61.70	89.50	60.50	89.40
6/11/2025 12:47:40	61.20	70.80	58.10	70.10
6/11/2025 12:47:41	62.90	93.40	61.70	93.40
6/11/2025 12:47:42	62.60	71.50	58.80	71.30
6/11/2025 12:47:43	59.90	77.00	56.40	77.10
6/11/2025 12:47:44	63.60	87.30	64.20	87.20
6/11/2025 12:47:45	63.40	81.10	60.70	81.20
6/11/2025 12:47:46	67.50	95.40	65.50	95.30
6/11/2025 12:47:47	64.80	86.30	61.30	86.20
6/11/2025 12:47:48	63.00	79.40	58.90	79.20
6/11/2025 12:47:49	61.30	80.10	60.30	80.20
6/11/2025 12:47:50	61.20	75.70	60.30	75.40
6/11/2025 12:47:51	59.90	77.30	57.50	77.30
6/11/2025 12:47:52	58.80	70.80	57.60	71.10
6/11/2025 12:47:53	57.90	70.60	57.40	71.00
6/11/2025 12:47:54	58.30	72.30	58.20	72.20
6/11/2025 12:47:55	58.40	70.60	57.00	71.00
6/11/2025 12:47:56	57.20	70.60	56.40	70.40
6/11/2025 12:47:57	57.60	82.00	56.70	81.80
6/11/2025 12:47:58	62.10	91.30	59.30	91.30
6/11/2025 12:47:59	63.20	91.80	61.40	91.60
6/11/2025 12:48:00	62.80	79.30	58.10	79.20
6/11/2025 12:48:01	63.50	95.10	61.90	95.10
6/11/2025 12:48:02	60.90	73.40	53.60	73.70
6/11/2025 12:48:03	58.60	81.90	55.00	82.10
6/11/2025 12:48:04	56.80	76.60	54.50	76.30
6/11/2025 12:48:05	56.50	85.30	55.10	85.30
6/11/2025 12:48:06	56.20	77.50	53.90	77.60

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:48:07	54.70	65.30	52.30	65.30
6/11/2025 12:48:08	54.90	79.10	54.30	78.90
6/11/2025 12:48:09	53.70	65.50	53.40	66.30
6/11/2025 12:48:10	54.20	76.00	54.30	75.60
6/11/2025 12:48:11	65.40	94.20	64.10	94.10
6/11/2025 12:48:12	63.00	65.80	53.80	65.80
6/11/2025 12:48:13	59.60	81.60	55.20	81.50
6/11/2025 12:48:14	58.50	86.20	55.40	86.20
6/11/2025 12:48:15	58.50	84.70	57.20	84.60
6/11/2025 12:48:16	56.40	72.40	50.20	72.60
6/11/2025 12:48:17	53.70	68.30	52.40	68.20
6/11/2025 12:48:18	52.80	67.40	52.10	67.70
6/11/2025 12:48:19	53.50	70.60	53.60	70.90
6/11/2025 12:48:20	54.10	75.70	53.00	75.90
6/11/2025 12:48:21	56.90	81.10	56.40	81.00
6/11/2025 12:48:22	56.90	70.90	54.50	70.50
6/11/2025 12:48:23	55.80	86.90	53.50	86.70
6/11/2025 12:48:24	53.90	64.60	49.60	63.80
6/11/2025 12:48:25	51.80	70.70	49.90	70.70
6/11/2025 12:48:26	53.10	83.40	51.70	83.20
6/11/2025 12:48:27	52.90	63.60	50.90	63.60
6/11/2025 12:48:28	52.60	76.40	52.00	76.40
6/11/2025 12:48:29	52.70	66.50	51.50	66.70
6/11/2025 12:48:30	53.50	85.20	52.10	85.30
6/11/2025 12:48:31	55.40	83.10	54.40	83.10
6/11/2025 12:48:32	56.80	83.80	56.00	83.80
6/11/2025 12:48:33	56.20	83.50	51.40	83.50
6/11/2025 12:48:34	55.80	84.10	54.50	83.90
6/11/2025 12:48:35	59.90	90.10	60.40	90.10
6/11/2025 12:48:36	61.70	86.10	59.40	86.00
6/11/2025 12:48:37	59.10	83.50	56.10	83.40
6/11/2025 12:48:38	58.50	80.10	56.10	80.10
6/11/2025 12:48:39	58.10	83.80	55.60	83.70
6/11/2025 12:48:40	55.90	63.00	48.30	61.10
6/11/2025 12:48:41	53.00	68.30	51.00	68.90
6/11/2025 12:48:42	52.30	67.00	50.00	66.80
6/11/2025 12:48:43	52.20	62.00	50.40	62.50
6/11/2025 12:48:44	52.80	81.40	51.70	81.40
6/11/2025 12:48:45	51.60	75.60	50.10	75.60
6/11/2025 12:48:46	53.60	78.70	52.60	78.50
6/11/2025 12:48:47	52.10	74.60	51.30	74.10
6/11/2025 12:48:48	53.60	82.50	52.00	82.50
6/11/2025 12:48:49	51.40	65.80	49.30	65.10
6/11/2025 12:48:50	54.80	71.00	55.50	70.70
6/11/2025 12:48:51	54.40	65.40	51.10	65.90
6/11/2025 12:48:52	54.90	81.40	54.10	81.20
6/11/2025 12:48:53	53.80	76.00	51.40	76.00
6/11/2025 12:48:54	60.10	88.00	59.70	88.00
6/11/2025 12:48:55	59.70	85.50	56.80	85.50
6/11/2025 12:48:56	60.30	88.10	58.60	88.10
6/11/2025 12:48:57	58.30	68.30	53.80	68.50

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:48:58	57.70	85.80	56.50	85.60
6/11/2025 12:48:59	57.70	74.90	55.00	75.10
6/11/2025 12:49:00	55.20	81.60	51.80	81.70
6/11/2025 12:49:01	55.30	69.20	55.30	69.70
6/11/2025 12:49:02	55.30	77.90	53.60	78.10
6/11/2025 12:49:03	54.50	70.10	50.30	71.30
6/11/2025 12:49:04	52.10	63.00	48.80	62.60
6/11/2025 12:49:05	53.80	70.70	52.60	70.70
6/11/2025 12:49:06	54.80	67.70	54.90	68.40
6/11/2025 12:49:07	53.90	66.90	49.10	67.30
6/11/2025 12:49:08	54.20	69.80	54.50	69.50
6/11/2025 12:49:09	56.30	81.30	55.20	81.40
6/11/2025 12:49:10	56.30	68.90	54.40	69.00
6/11/2025 12:49:11	58.10	88.40	57.30	88.40
6/11/2025 12:49:12	57.50	70.90	52.30	71.20
6/11/2025 12:49:13	55.70	81.70	54.60	81.90
6/11/2025 12:49:14	55.70	73.70	53.70	73.80
6/11/2025 12:49:15	58.80	87.80	56.80	87.80
6/11/2025 12:49:16	58.00	84.10	56.10	83.90
6/11/2025 12:49:17	62.50	88.30	61.80	88.40
6/11/2025 12:49:18	60.90	87.30	57.90	87.30
6/11/2025 12:49:19	59.40	77.10	55.60	77.10
6/11/2025 12:49:20	58.00	78.60	52.60	78.50
6/11/2025 12:49:21	59.60	90.10	59.90	90.10
6/11/2025 12:49:22	58.30	73.30	54.60	73.40
6/11/2025 12:49:23	57.50	77.60	56.70	77.60
6/11/2025 12:49:24	56.70	74.00	54.50	73.70
6/11/2025 12:49:25	55.20	89.00	52.60	88.90
6/11/2025 12:49:26	58.70	88.00	57.70	88.00
6/11/2025 12:49:27	56.20	74.30	54.10	74.50
6/11/2025 12:49:28	61.20	93.60	60.40	93.60
6/11/2025 12:49:29	59.80	75.50	53.80	75.60
6/11/2025 12:49:30	56.80	68.50	50.50	69.00
6/11/2025 12:49:31	53.90	77.80	51.20	77.80
6/11/2025 12:49:32	54.00	75.50	52.70	75.60
6/11/2025 12:49:33	53.90	75.30	53.10	75.00
6/11/2025 12:49:34	53.10	69.60	51.40	69.30
6/11/2025 12:49:35	52.30	71.90	51.50	72.00
6/11/2025 12:49:36	52.80	70.00	53.00	69.80
6/11/2025 12:49:37	52.50	69.90	51.70	70.40
6/11/2025 12:49:38	54.90	78.50	55.30	78.40
6/11/2025 12:49:39	55.30	83.00	54.70	82.80
6/11/2025 12:49:40	55.20	69.30	53.70	69.40
6/11/2025 12:49:41	55.50	74.00	53.50	73.70
6/11/2025 12:49:42	58.80	85.00	58.60	84.90
6/11/2025 12:49:43	58.00	79.70	54.60	79.70
6/11/2025 12:49:44	61.80	92.50	60.10	92.50
6/11/2025 12:49:45	60.90	85.50	60.40	85.50
6/11/2025 12:49:46	60.40	83.90	57.40	83.80
6/11/2025 12:49:47	58.70	79.30	55.70	79.10
6/11/2025 12:49:48	57.30	75.20	51.80	75.30

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 12:49:49	57.00	84.90	54.80	84.80
6/11/2025 12:49:50	61.30	90.00	59.80	90.10
6/11/2025 12:49:51	60.30	64.40	52.00	63.70
6/11/2025 12:49:52	56.50	73.60	51.50	73.70
6/11/2025 12:49:53	57.10	82.40	54.60	82.40
6/11/2025 12:49:54	57.30	83.00	56.50	82.90
6/11/2025 12:49:55	57.70	69.60	56.50	70.20
6/11/2025 12:49:56	56.20	81.50	52.50	81.60
6/11/2025 12:49:57	55.00	63.80	50.60	64.30
6/11/2025 12:49:58	56.90	84.10	56.10	84.00
6/11/2025 12:49:59	55.30	75.50	53.80	75.60
6/11/2025 12:50:00	54.00	65.70	48.60	65.30
6/11/2025 12:50:01	55.70	84.90	55.90	84.70
6/11/2025 12:50:02	57.20	80.60	57.30	80.50
6/11/2025 12:50:03	58.10	80.00	56.30	79.90
6/11/2025 12:50:04	58.50	89.40	59.00	89.40
6/11/2025 12:50:05	57.90	75.00	53.70	74.80
6/11/2025 12:50:06	61.90	91.30	57.90	91.30
6/11/2025 12:50:07	61.60	82.60	60.80	82.40
6/11/2025 12:50:08	60.30	67.10	52.30	67.20
6/11/2025 12:50:09	59.20	86.30	57.80	86.40
6/11/2025 12:50:10	57.40	75.40	53.90	75.30
6/11/2025 12:50:11	55.50	73.70	52.40	74.20
6/11/2025 12:50:12	59.40	91.50	59.00	91.50
6/11/2025 12:50:13	57.10	66.00	49.50	65.00
6/11/2025 12:50:14	63.00	91.00	60.30	91.00
6/11/2025 12:50:15	62.50	88.90	57.40	88.90
6/11/2025 12:50:16	60.00	72.20	53.70	72.80
6/11/2025 12:50:17	56.60	76.80	51.80	76.60
6/11/2025 12:50:18	58.30	85.30	58.70	85.20
6/11/2025 12:50:19	58.60	78.80	57.90	78.70
6/11/2025 12:50:20	59.50	84.90	58.50	84.90
6/11/2025 12:50:21	58.00	77.80	53.30	77.70
6/11/2025 12:50:22	55.70	82.50	53.90	82.60
6/11/2025 12:50:23	55.60	78.10	52.70	78.20
6/11/2025 12:50:24	54.20	68.60	53.60	67.90
6/11/2025 12:50:25	54.90	80.90	53.90	81.00
6/11/2025 12:50:26	55.40	79.30	54.00	79.00
6/11/2025 12:50:27	54.80	70.90	52.60	70.90
6/11/2025 12:50:28	55.40	77.50	55.00	77.50
6/11/2025 12:50:29	57.90	82.40	56.50	82.30
6/11/2025 12:50:30	62.40	92.90	58.30	92.80
6/11/2025 12:50:31	63.00	85.40	61.00	85.30
6/11/2025 12:50:32	60.30	89.20	56.20	89.20
6/11/2025 12:50:33	59.00	85.30	58.10	85.30

		Min	48.3
		Leq	57.3
Lmax	69.60	Max	70.2

S060_BIU070007_18062025_085117: Information Panel

Description	Value
Name	S060_BIU070007_18062025_085117
Start Time	6/11/2025 13:21:39
Stop Time	6/11/2025 13:41:40
Device Name	BIU070007
Model Type	SoundPro DL
Device Firmware Rev	R.13J
Comments	

S060_BIU070007_18062025_085117: Logged Data Chart

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:21:40	64.60	80.60	63.70	80.60
6/11/2025 13:21:41	64.90	80.60	62.80	80.70
6/11/2025 13:21:42	63.80	84.10	61.70	84.10
6/11/2025 13:21:43	62.80	89.60	61.80	89.60
6/11/2025 13:21:44	62.70	70.70	57.20	69.80
6/11/2025 13:21:45	60.60	82.90	59.90	82.80
6/11/2025 13:21:46	59.90	81.50	58.70	81.60
6/11/2025 13:21:47	60.10	86.10	56.70	86.20
6/11/2025 13:21:48	60.10	82.50	59.70	82.50
6/11/2025 13:21:49	60.60	95.20	59.60	95.10
6/11/2025 13:21:50	59.80	80.30	55.60	80.30
6/11/2025 13:21:51	62.20	89.10	60.00	89.10
6/11/2025 13:21:52	61.50	80.30	58.50	80.10
6/11/2025 13:21:53	62.40	91.80	60.90	91.70
6/11/2025 13:21:54	60.20	80.00	56.20	80.20
6/11/2025 13:21:55	58.10	78.10	54.30	78.10
6/11/2025 13:21:56	60.30	77.80	59.80	77.90
6/11/2025 13:21:57	60.90	84.60	57.20	84.70
6/11/2025 13:21:58	63.30	92.50	63.20	92.40
6/11/2025 13:21:59	63.00	84.10	59.50	84.00
6/11/2025 13:22:00	68.40	102.10	66.70	102.10
6/11/2025 13:22:01	66.30	80.40	60.70	80.30
6/11/2025 13:22:02	73.70	102.40	71.70	102.30
6/11/2025 13:22:03	72.90	94.20	69.90	94.20
6/11/2025 13:22:04	70.70	93.30	67.60	93.20
6/11/2025 13:22:05	69.20	88.90	61.00	88.90
6/11/2025 13:22:06	65.90	78.00	60.60	78.10
6/11/2025 13:22:07	63.10	82.20	59.00	82.20
6/11/2025 13:22:08	61.40	79.90	57.60	79.90
6/11/2025 13:22:09	59.40	70.60	56.90	70.70
6/11/2025 13:22:10	58.60	76.90	58.10	77.10
6/11/2025 13:22:11	60.20	88.90	58.50	89.00
6/11/2025 13:22:12	60.40	90.00	59.70	89.90
6/11/2025 13:22:13	60.20	87.80	59.00	87.70
6/11/2025 13:22:14	60.00	80.10	58.80	79.90
6/11/2025 13:22:15	63.20	93.50	61.50	93.40
6/11/2025 13:22:16	62.50	83.20	60.20	83.30
6/11/2025 13:22:17	64.40	90.00	65.10	89.90

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:22:18	64.90	92.10	63.10	92.20
6/11/2025 13:22:19	70.10	100.00	68.50	100.00
6/11/2025 13:22:20	71.90	103.70	68.90	103.70
6/11/2025 13:22:21	70.90	91.10	66.10	91.10
6/11/2025 13:22:22	68.80	76.10	63.90	76.00
6/11/2025 13:22:23	68.30	93.20	65.60	93.20
6/11/2025 13:22:24	65.60	80.70	54.50	80.50
6/11/2025 13:22:25	61.90	77.90	57.50	78.00
6/11/2025 13:22:26	59.80	74.60	56.90	74.80
6/11/2025 13:22:27	59.90	76.40	59.10	76.40
6/11/2025 13:22:28	59.00	71.40	53.80	70.80
6/11/2025 13:22:29	58.90	82.40	59.00	82.60
6/11/2025 13:22:30	63.70	92.30	59.70	92.30
6/11/2025 13:22:31	63.70	74.20	61.10	74.40
6/11/2025 13:22:32	61.90	87.50	61.50	87.40
6/11/2025 13:22:33	61.80	87.50	61.10	87.40
6/11/2025 13:22:34	61.80	70.20	56.30	70.20
6/11/2025 13:22:35	68.50	96.40	64.60	96.30
6/11/2025 13:22:36	75.20	106.20	65.30	106.10
6/11/2025 13:22:37	75.30	92.50	73.00	92.50
6/11/2025 13:22:38	71.50	91.70	63.80	91.70
6/11/2025 13:22:39	72.10	101.20	68.60	101.10
6/11/2025 13:22:40	72.00	94.90	68.10	94.80
6/11/2025 13:22:41	69.90	81.00	64.00	81.00
6/11/2025 13:22:42	68.60	94.70	65.30	94.60
6/11/2025 13:22:43	65.70	78.30	61.80	77.90
6/11/2025 13:22:44	64.30	82.80	62.70	82.80
6/11/2025 13:22:45	64.40	77.00	62.30	77.00
6/11/2025 13:22:46	64.70	80.30	63.50	80.30
6/11/2025 13:22:47	65.20	86.80	64.40	86.90
6/11/2025 13:22:48	65.30	86.90	63.60	86.80
6/11/2025 13:22:49	65.10	80.00	63.40	80.10
6/11/2025 13:22:50	63.80	75.90	60.30	76.00
6/11/2025 13:22:51	62.30	87.90	60.80	87.80
6/11/2025 13:22:52	62.20	86.00	61.50	86.00
6/11/2025 13:22:53	61.70	74.10	58.60	73.80
6/11/2025 13:22:54	59.60	83.00	57.40	83.10
6/11/2025 13:22:55	61.00	81.40	60.90	81.50
6/11/2025 13:22:56	62.60	88.90	60.80	88.90
6/11/2025 13:22:57	61.10	88.30	57.50	88.20
6/11/2025 13:22:58	61.70	77.90	61.00	77.80
6/11/2025 13:22:59	64.20	82.30	63.80	82.10
6/11/2025 13:23:00	62.10	69.90	54.00	69.40
6/11/2025 13:23:01	69.20	102.00	67.20	102.00
6/11/2025 13:23:02	67.90	94.10	64.90	94.00
6/11/2025 13:23:03	66.50	84.70	61.10	84.60
6/11/2025 13:23:04	75.70	103.80	73.50	103.80
6/11/2025 13:23:05	72.30	94.20	64.40	94.20
6/11/2025 13:23:06	73.00	100.50	72.50	100.50
6/11/2025 13:23:07	72.00	85.70	63.70	85.80
6/11/2025 13:23:08	68.30	81.90	57.50	81.60

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:23:09	64.80	73.00	54.20	73.30
6/11/2025 13:23:10	61.80	77.50	61.20	77.50
6/11/2025 13:23:11	63.70	80.50	63.20	80.40
6/11/2025 13:23:12	62.90	80.20	61.40	80.20
6/11/2025 13:23:13	62.60	82.10	60.20	82.30
6/11/2025 13:23:14	67.10	82.50	67.10	82.50
6/11/2025 13:23:15	65.40	77.10	60.70	77.00
6/11/2025 13:23:16	63.80	83.00	61.40	83.20
6/11/2025 13:23:17	61.90	81.30	59.70	81.20
6/11/2025 13:23:18	67.30	94.90	68.20	94.80
6/11/2025 13:23:19	66.30	78.90	64.10	79.10
6/11/2025 13:23:20	66.00	90.20	65.80	90.10
6/11/2025 13:23:21	66.30	86.20	63.20	86.10
6/11/2025 13:23:22	64.20	79.90	62.20	79.70
6/11/2025 13:23:23	65.00	95.10	64.20	95.10
6/11/2025 13:23:24	69.70	94.60	69.50	94.60
6/11/2025 13:23:25	72.10	101.40	69.80	101.40
6/11/2025 13:23:26	71.20	95.80	69.10	95.80
6/11/2025 13:23:27	73.80	104.80	71.20	104.80
6/11/2025 13:23:28	73.30	101.70	71.30	101.70
6/11/2025 13:23:29	72.90	102.00	69.60	102.00
6/11/2025 13:23:30	72.00	90.90	64.20	90.90
6/11/2025 13:23:31	68.30	94.50	62.70	94.50
6/11/2025 13:23:32	66.30	89.70	62.40	89.70
6/11/2025 13:23:33	65.20	77.10	64.40	76.70
6/11/2025 13:23:34	64.00	88.80	60.90	88.90
6/11/2025 13:23:35	62.40	86.80	57.50	86.80
6/11/2025 13:23:36	63.90	81.70	60.60	81.50
6/11/2025 13:23:37	66.30	80.80	67.40	80.80
6/11/2025 13:23:38	65.70	76.70	63.10	76.60
6/11/2025 13:23:39	64.30	82.80	61.10	82.70
6/11/2025 13:23:40	62.20	70.80	56.00	70.70
6/11/2025 13:23:41	59.20	70.40	52.70	70.40
6/11/2025 13:23:42	58.10	78.40	57.70	78.30
6/11/2025 13:23:43	58.40	76.60	58.00	76.50
6/11/2025 13:23:44	64.50	86.80	65.00	86.70
6/11/2025 13:23:45	64.30	78.10	56.60	78.20
6/11/2025 13:23:46	62.90	90.00	59.80	90.00
6/11/2025 13:23:47	60.30	83.50	56.30	83.30
6/11/2025 13:23:48	61.70	93.20	60.00	93.10
6/11/2025 13:23:49	67.90	100.10	67.00	100.10
6/11/2025 13:23:50	70.00	97.50	66.10	97.50
6/11/2025 13:23:51	69.20	82.90	65.30	83.00
6/11/2025 13:23:52	66.70	96.40	60.20	96.40
6/11/2025 13:23:53	67.70	93.60	64.20	93.50
6/11/2025 13:23:54	66.50	92.90	60.40	92.80
6/11/2025 13:23:55	63.70	74.30	55.90	74.70
6/11/2025 13:23:56	71.20	102.30	69.00	102.30
6/11/2025 13:23:57	71.10	101.10	69.00	101.10
6/11/2025 13:23:58	69.40	78.10	55.90	78.10
6/11/2025 13:23:59	65.30	74.20	57.30	73.90

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:24:00	62.20	68.90	53.80	70.10
6/11/2025 13:24:01	58.80	68.10	52.00	67.60
6/11/2025 13:24:02	59.40	78.50	56.40	78.50
6/11/2025 13:24:03	60.40	84.40	60.40	84.40
6/11/2025 13:24:04	59.50	82.50	54.90	82.50
6/11/2025 13:24:05	56.60	77.50	54.00	77.80
6/11/2025 13:24:06	60.00	78.00	60.10	78.00
6/11/2025 13:24:07	59.90	76.70	57.80	76.50
6/11/2025 13:24:08	58.10	72.10	55.00	72.40
6/11/2025 13:24:09	60.60	82.10	61.80	82.00
6/11/2025 13:24:10	62.80	82.40	61.30	82.40
6/11/2025 13:24:11	63.70	79.00	63.10	79.00
6/11/2025 13:24:12	62.10	71.00	55.50	71.40
6/11/2025 13:24:13	59.10	73.80	56.50	74.10
6/11/2025 13:24:14	57.50	78.10	55.20	77.70
6/11/2025 13:24:15	59.30	75.30	59.40	75.00
6/11/2025 13:24:16	59.00	74.10	58.30	74.00
6/11/2025 13:24:17	59.20	84.70	57.50	84.80
6/11/2025 13:24:18	62.80	92.70	59.40	92.70
6/11/2025 13:24:19	64.90	83.40	63.30	83.00
6/11/2025 13:24:20	66.00	87.40	65.10	87.30
6/11/2025 13:24:21	64.40	78.80	60.00	78.70
6/11/2025 13:24:22	62.40	78.70	61.00	78.60
6/11/2025 13:24:23	62.30	73.90	59.10	74.00
6/11/2025 13:24:24	61.40	76.80	59.90	76.40
6/11/2025 13:24:25	59.80	78.50	58.80	78.20
6/11/2025 13:24:26	62.60	80.70	61.70	80.70
6/11/2025 13:24:27	61.40	83.50	59.90	83.60
6/11/2025 13:24:28	68.40	98.40	66.60	98.30
6/11/2025 13:24:29	66.80	93.40	56.80	93.40
6/11/2025 13:24:30	68.80	96.90	65.70	96.90
6/11/2025 13:24:31	64.80	89.70	59.70	89.50
6/11/2025 13:24:32	71.40	100.80	69.70	100.70
6/11/2025 13:24:33	70.10	77.90	63.60	78.00
6/11/2025 13:24:34	68.00	89.80	65.10	89.90
6/11/2025 13:24:35	66.50	91.30	61.10	91.30
6/11/2025 13:24:36	65.10	81.10	58.80	81.10
6/11/2025 13:24:37	62.10	82.50	59.50	82.40
6/11/2025 13:24:38	64.60	94.30	62.50	94.30
6/11/2025 13:24:39	64.00	92.10	62.50	92.00
6/11/2025 13:24:40	63.60	78.20	61.40	78.10
6/11/2025 13:24:41	62.00	81.70	59.00	81.60
6/11/2025 13:24:42	61.30	86.70	60.60	86.70
6/11/2025 13:24:43	61.30	76.90	59.20	76.80
6/11/2025 13:24:44	60.20	76.80	58.00	76.50
6/11/2025 13:24:45	65.90	94.50	63.20	94.50
6/11/2025 13:24:46	72.40	102.60	70.10	102.60
6/11/2025 13:24:47	71.70	79.30	64.50	79.30
6/11/2025 13:24:48	68.00	95.70	63.70	95.70
6/11/2025 13:24:49	73.90	103.80	71.80	103.80
6/11/2025 13:24:50	71.10	87.80	58.80	87.70

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:24:51	67.40	94.00	61.70	94.00
6/11/2025 13:24:52	65.70	75.40	55.90	75.20
6/11/2025 13:24:53	63.20	90.90	62.10	90.80
6/11/2025 13:24:54	63.20	75.10	57.30	75.00
6/11/2025 13:24:55	61.90	94.20	61.40	94.20
6/11/2025 13:24:56	61.60	75.90	55.20	75.80
6/11/2025 13:24:57	63.70	93.40	62.30	93.50
6/11/2025 13:24:58	61.10	77.80	53.80	77.70
6/11/2025 13:24:59	58.80	87.40	56.90	87.40
6/11/2025 13:25:00	58.60	77.00	56.00	77.00
6/11/2025 13:25:01	59.50	89.00	58.10	89.00
6/11/2025 13:25:02	60.80	86.60	59.50	86.50
6/11/2025 13:25:03	66.30	92.50	65.40	92.40
6/11/2025 13:25:04	64.50	89.00	59.00	89.00
6/11/2025 13:25:05	61.70	74.30	54.40	73.90
6/11/2025 13:25:06	68.00	94.30	67.50	94.30
6/11/2025 13:25:07	71.70	103.50	70.20	103.40
6/11/2025 13:25:08	69.10	74.90	56.00	74.90
6/11/2025 13:25:09	65.10	68.70	54.20	69.00
6/11/2025 13:25:10	62.10	78.60	60.70	78.50
6/11/2025 13:25:11	62.30	75.80	61.20	76.30
6/11/2025 13:25:12	61.60	81.00	59.30	81.30
6/11/2025 13:25:13	59.70	79.70	54.60	79.70
6/11/2025 13:25:14	57.20	80.60	55.30	80.80
6/11/2025 13:25:15	60.50	77.60	60.60	77.50
6/11/2025 13:25:16	61.10	75.90	60.80	76.10
6/11/2025 13:25:17	59.90	73.90	56.50	73.50
6/11/2025 13:25:18	60.10	75.40	59.90	75.30
6/11/2025 13:25:19	67.40	95.50	65.40	95.50
6/11/2025 13:25:20	66.70	91.10	63.60	91.10
6/11/2025 13:25:21	64.60	75.10	55.60	75.60
6/11/2025 13:25:22	61.40	86.70	59.20	86.70
6/11/2025 13:25:23	62.70	90.10	61.40	90.10
6/11/2025 13:25:24	60.50	86.30	57.60	86.20
6/11/2025 13:25:25	60.00	81.60	58.60	81.50
6/11/2025 13:25:26	59.10	72.70	58.50	72.40
6/11/2025 13:25:27	59.30	81.20	57.90	81.40
6/11/2025 13:25:28	60.30	90.40	59.00	90.30
6/11/2025 13:25:29	76.80	105.20	74.60	105.20
6/11/2025 13:25:30	74.50	72.20	58.20	72.30
6/11/2025 13:25:31	70.30	90.80	64.00	90.70
6/11/2025 13:25:32	73.30	100.80	70.50	100.80
6/11/2025 13:25:33	72.00	100.60	69.20	100.50
6/11/2025 13:25:34	70.70	89.80	61.70	89.80
6/11/2025 13:25:35	74.50	101.00	73.60	101.00
6/11/2025 13:25:36	73.60	99.30	71.50	99.30
6/11/2025 13:25:37	75.80	105.00	73.10	104.90
6/11/2025 13:25:38	72.80	92.40	64.60	92.40
6/11/2025 13:25:39	69.60	76.90	62.30	76.80
6/11/2025 13:25:40	71.00	88.90	71.00	88.70
6/11/2025 13:25:41	70.80	91.50	65.20	91.40

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:25:42	67.50	91.00	62.30	91.00
6/11/2025 13:25:43	65.00	82.20	62.10	82.10
6/11/2025 13:25:44	67.90	86.20	65.20	86.10
6/11/2025 13:25:45	73.50	103.00	71.00	102.90
6/11/2025 13:25:46	72.40	92.00	66.90	91.90
6/11/2025 13:25:47	73.20	101.40	72.00	101.40
6/11/2025 13:25:48	74.50	103.90	71.90	103.90
6/11/2025 13:25:49	73.20	100.10	69.40	100.10
6/11/2025 13:25:50	71.10	83.30	60.40	83.40
6/11/2025 13:25:51	73.00	102.30	70.40	102.30
6/11/2025 13:25:52	71.10	78.40	58.80	78.70
6/11/2025 13:25:53	67.90	85.20	63.30	85.20
6/11/2025 13:25:54	70.90	101.20	69.20	101.10
6/11/2025 13:25:55	71.20	97.30	66.30	97.30
6/11/2025 13:25:56	67.70	82.50	57.50	82.30
6/11/2025 13:25:57	69.40	97.30	66.70	97.30
6/11/2025 13:25:58	66.70	94.10	62.60	94.00
6/11/2025 13:25:59	68.80	98.40	63.30	98.30
6/11/2025 13:26:00	68.60	96.20	66.90	96.10
6/11/2025 13:26:01	69.20	97.30	66.90	97.30
6/11/2025 13:26:02	69.10	94.30	67.50	94.30
6/11/2025 13:26:03	72.70	104.40	68.90	104.30
6/11/2025 13:26:04	72.20	93.00	69.20	92.90
6/11/2025 13:26:05	69.60	95.20	62.00	95.20
6/11/2025 13:26:06	74.00	103.70	72.90	103.60
6/11/2025 13:26:07	73.10	100.20	69.90	100.10
6/11/2025 13:26:08	72.70	82.60	63.70	82.40
6/11/2025 13:26:09	68.60	78.40	59.90	78.40
6/11/2025 13:26:10	65.90	90.80	63.90	90.70
6/11/2025 13:26:11	64.70	79.20	60.10	78.80
6/11/2025 13:26:12	67.20	84.40	67.30	84.30
6/11/2025 13:26:13	66.50	78.10	61.60	78.00
6/11/2025 13:26:14	65.80	82.90	64.70	83.00
6/11/2025 13:26:15	67.60	88.70	68.10	88.60
6/11/2025 13:26:16	67.40	91.70	65.50	91.70
6/11/2025 13:26:17	67.20	92.30	65.90	92.30
6/11/2025 13:26:18	65.80	81.70	63.50	81.70
6/11/2025 13:26:19	65.70	92.40	62.90	92.40
6/11/2025 13:26:20	63.50	84.00	60.10	84.10
6/11/2025 13:26:21	64.20	92.70	62.60	92.70
6/11/2025 13:26:22	67.60	94.60	66.50	94.50
6/11/2025 13:26:23	66.60	92.60	61.10	92.60
6/11/2025 13:26:24	66.70	86.90	65.40	86.80
6/11/2025 13:26:25	67.30	94.50	66.20	94.50
6/11/2025 13:26:26	65.80	82.40	56.50	82.40
6/11/2025 13:26:27	62.20	70.70	53.00	70.60
6/11/2025 13:26:28	60.40	85.40	56.50	85.50
6/11/2025 13:26:29	60.40	86.50	59.00	86.50
6/11/2025 13:26:30	58.90	82.10	55.90	82.20
6/11/2025 13:26:31	69.00	97.70	64.70	97.70
6/11/2025 13:26:32	68.70	84.40	64.30	84.60

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:26:33	73.50	103.10	71.30	103.00
6/11/2025 13:26:34	70.00	90.90	62.00	90.90
6/11/2025 13:26:35	67.30	88.50	59.90	88.60
6/11/2025 13:26:36	77.00	104.50	75.80	104.50
6/11/2025 13:26:37	76.40	72.50	66.90	72.50
6/11/2025 13:26:38	72.10	94.30	63.80	94.30
6/11/2025 13:26:39	75.60	103.50	72.60	103.50
6/11/2025 13:26:40	73.60	90.20	61.40	90.10
6/11/2025 13:26:41	69.60	79.40	54.70	79.20
6/11/2025 13:26:42	65.60	89.20	59.10	89.20
6/11/2025 13:26:43	65.90	96.00	64.50	95.90
6/11/2025 13:26:44	63.50	86.40	60.80	86.30
6/11/2025 13:26:45	62.10	93.70	60.30	93.70
6/11/2025 13:26:46	64.70	82.90	65.20	82.90
6/11/2025 13:26:47	64.70	84.10	59.90	84.10
6/11/2025 13:26:48	69.10	98.20	68.70	98.20
6/11/2025 13:26:49	67.10	85.00	58.70	85.00
6/11/2025 13:26:50	64.10	74.20	55.20	74.60
6/11/2025 13:26:51	63.20	91.80	61.00	91.70
6/11/2025 13:26:52	74.50	104.80	71.30	104.80
6/11/2025 13:26:53	73.90	100.20	71.20	100.20
6/11/2025 13:26:54	73.60	76.90	66.70	77.20
6/11/2025 13:26:55	69.50	88.50	58.90	88.40
6/11/2025 13:26:56	65.90	80.40	58.00	80.20
6/11/2025 13:26:57	65.00	93.60	62.40	93.70
6/11/2025 13:26:58	66.10	94.00	65.10	94.00
6/11/2025 13:26:59	65.60	93.40	62.70	93.40
6/11/2025 13:27:00	65.30	91.30	60.20	91.30
6/11/2025 13:27:01	64.10	89.10	60.90	89.30
6/11/2025 13:27:02	64.50	92.30	64.60	92.20
6/11/2025 13:27:03	64.20	76.10	57.40	75.90
6/11/2025 13:27:04	63.80	92.80	60.90	92.80
6/11/2025 13:27:05	76.80	107.20	74.80	107.20
6/11/2025 13:27:06	77.10	107.10	71.80	107.10
6/11/2025 13:27:07	76.60	77.40	70.80	77.50
6/11/2025 13:27:08	73.00	94.50	64.30	94.40
6/11/2025 13:27:09	69.60	95.70	58.50	95.70
6/11/2025 13:27:10	74.00	102.70	72.50	102.70
6/11/2025 13:27:11	72.50	97.30	69.10	97.20
6/11/2025 13:27:12	72.20	98.40	70.00	98.30
6/11/2025 13:27:13	71.30	93.10	68.40	93.10
6/11/2025 13:27:14	69.00	93.60	63.10	93.60
6/11/2025 13:27:15	73.90	103.20	72.80	103.20
6/11/2025 13:27:16	73.60	72.20	65.40	71.40
6/11/2025 13:27:17	69.60	92.80	63.40	92.80
6/11/2025 13:27:18	66.60	93.60	57.40	93.60
6/11/2025 13:27:19	66.20	82.40	62.80	82.50
6/11/2025 13:27:20	79.60	108.30	77.60	108.20
6/11/2025 13:27:21	75.70	96.80	64.90	96.80
6/11/2025 13:27:22	80.10	107.90	77.60	107.80
6/11/2025 13:27:23	78.00	94.50	63.90	94.40

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:27:24	73.90	95.70	63.90	95.60
6/11/2025 13:27:25	71.10	83.90	61.70	83.90
6/11/2025 13:27:26	67.10	72.00	56.90	72.30
6/11/2025 13:27:27	64.70	88.80	62.90	88.70
6/11/2025 13:27:28	63.70	76.80	60.10	76.80
6/11/2025 13:27:29	62.60	81.70	57.70	81.80
6/11/2025 13:27:30	62.70	92.30	54.20	92.30
6/11/2025 13:27:31	62.80	78.80	63.00	78.90
6/11/2025 13:27:32	71.40	99.70	69.80	99.70
6/11/2025 13:27:33	70.10	92.80	66.40	92.70
6/11/2025 13:27:34	67.70	78.70	59.40	78.70
6/11/2025 13:27:35	64.60	71.30	56.20	71.20
6/11/2025 13:27:36	67.50	97.90	65.80	97.90
6/11/2025 13:27:37	71.00	101.40	67.50	101.40
6/11/2025 13:27:38	70.20	88.30	63.80	88.30
6/11/2025 13:27:39	75.10	104.20	73.60	104.20
6/11/2025 13:27:40	75.20	101.10	73.50	101.10
6/11/2025 13:27:41	74.60	103.20	71.00	103.10
6/11/2025 13:27:42	73.50	100.20	68.90	100.20
6/11/2025 13:27:43	72.30	92.00	66.70	91.90
6/11/2025 13:27:44	71.20	100.40	67.80	100.40
6/11/2025 13:27:45	75.90	105.50	73.60	105.50
6/11/2025 13:27:46	74.10	99.20	69.70	99.20
6/11/2025 13:27:47	74.50	99.50	72.10	99.50
6/11/2025 13:27:48	72.90	100.70	69.00	100.70
6/11/2025 13:27:49	71.30	76.70	60.80	76.30
6/11/2025 13:27:50	67.50	90.00	60.80	90.10
6/11/2025 13:27:51	64.70	83.90	51.90	83.60
6/11/2025 13:27:52	61.10	72.10	55.50	71.90
6/11/2025 13:27:53	63.70	94.20	59.90	94.20
6/11/2025 13:27:54	63.30	80.10	60.30	80.10
6/11/2025 13:27:55	65.10	84.70	61.90	84.70
6/11/2025 13:27:56	65.70	82.20	64.60	82.20
6/11/2025 13:27:57	63.70	81.20	58.60	81.00
6/11/2025 13:27:58	66.80	96.70	65.50	96.60
6/11/2025 13:27:59	71.30	89.80	69.30	89.70
6/11/2025 13:28:00	70.70	94.10	67.60	94.00
6/11/2025 13:28:01	69.00	77.00	60.80	76.80
6/11/2025 13:28:02	65.60	78.90	63.40	79.00
6/11/2025 13:28:03	66.10	88.40	62.80	88.40
6/11/2025 13:28:04	67.50	85.80	66.20	85.80
6/11/2025 13:28:05	64.80	85.60	56.10	85.60
6/11/2025 13:28:06	71.40	91.80	67.30	91.80
6/11/2025 13:28:07	72.90	89.20	73.50	89.20
6/11/2025 13:28:08	72.30	93.90	68.50	93.80
6/11/2025 13:28:09	69.60	76.70	60.90	76.80
6/11/2025 13:28:10	67.10	81.50	65.20	81.50
6/11/2025 13:28:11	65.70	79.60	62.90	79.70
6/11/2025 13:28:12	63.60	74.90	56.30	74.80
6/11/2025 13:28:13	60.80	77.10	59.00	77.00
6/11/2025 13:28:14	61.40	78.80	61.20	78.90

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:28:15	61.00	74.50	59.90	74.30
6/11/2025 13:28:16	62.60	79.40	63.00	79.30
6/11/2025 13:28:17	64.20	92.10	61.80	92.10
6/11/2025 13:28:18	62.60	81.50	58.60	81.40
6/11/2025 13:28:19	60.70	70.90	56.20	70.40
6/11/2025 13:28:20	58.70	83.20	57.40	83.20
6/11/2025 13:28:21	60.90	84.30	60.60	84.20
6/11/2025 13:28:22	61.20	78.90	60.10	78.90
6/11/2025 13:28:23	59.70	71.00	54.80	71.30
6/11/2025 13:28:24	57.30	73.10	54.50	72.90
6/11/2025 13:28:25	56.10	70.50	55.70	70.50
6/11/2025 13:28:26	61.00	81.90	61.50	82.00
6/11/2025 13:28:27	63.40	87.30	63.30	87.30
6/11/2025 13:28:28	62.80	78.80	58.60	78.60
6/11/2025 13:28:29	60.30	75.50	55.60	74.90
6/11/2025 13:28:30	59.80	84.60	58.60	84.50
6/11/2025 13:28:31	63.60	81.80	63.70	81.90
6/11/2025 13:28:32	67.10	96.80	64.80	96.80
6/11/2025 13:28:33	66.40	96.50	64.00	96.40
6/11/2025 13:28:34	64.00	78.00	60.50	77.90
6/11/2025 13:28:35	67.20	94.70	64.60	94.70
6/11/2025 13:28:36	66.90	79.90	64.70	79.90
6/11/2025 13:28:37	65.80	87.10	62.90	87.20
6/11/2025 13:28:38	65.20	94.20	61.90	94.20
6/11/2025 13:28:39	63.80	80.20	63.00	79.90
6/11/2025 13:28:40	62.90	73.80	58.10	74.00
6/11/2025 13:28:41	60.80	84.00	58.10	83.90
6/11/2025 13:28:42	59.40	77.10	56.70	77.00
6/11/2025 13:28:43	58.90	73.40	58.70	73.80
6/11/2025 13:28:44	58.50	76.10	57.70	76.10
6/11/2025 13:28:45	58.20	70.40	55.50	70.50
6/11/2025 13:28:46	61.20	86.60	61.00	86.50
6/11/2025 13:28:47	70.30	98.70	68.40	98.70
6/11/2025 13:28:48	68.80	76.50	57.80	76.50
6/11/2025 13:28:49	70.50	98.10	68.70	98.00
6/11/2025 13:28:50	70.30	94.80	66.30	94.80
6/11/2025 13:28:51	69.60	98.10	66.10	98.10
6/11/2025 13:28:52	67.40	77.80	61.90	77.70
6/11/2025 13:28:53	65.10	87.80	64.00	87.90
6/11/2025 13:28:54	64.90	80.90	62.70	80.90
6/11/2025 13:28:55	63.10	84.60	59.60	84.70
6/11/2025 13:28:56	64.30	90.80	58.50	90.90
6/11/2025 13:28:57	65.60	86.80	66.20	86.50
6/11/2025 13:28:58	64.60	80.50	59.70	80.50
6/11/2025 13:28:59	64.20	96.60	61.40	96.50
6/11/2025 13:29:00	68.30	97.60	61.50	97.60
6/11/2025 13:29:01	68.30	80.90	65.40	80.90
6/11/2025 13:29:02	69.10	96.50	67.70	96.50
6/11/2025 13:29:03	68.10	94.30	65.00	94.30
6/11/2025 13:29:04	73.60	103.00	70.80	103.00
6/11/2025 13:29:05	73.20	91.90	70.90	91.90

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:29:06	71.30	98.10	67.90	98.10
6/11/2025 13:29:07	72.80	101.20	71.60	101.20
6/11/2025 13:29:08	72.20	78.60	63.90	78.50
6/11/2025 13:29:09	69.00	88.80	66.60	88.70
6/11/2025 13:29:10	69.50	91.90	67.10	91.90
6/11/2025 13:29:11	66.90	77.00	60.10	76.90
6/11/2025 13:29:12	64.80	97.00	63.00	96.90
6/11/2025 13:29:13	64.30	78.80	62.00	78.70
6/11/2025 13:29:14	63.00	78.50	59.30	79.00
6/11/2025 13:29:15	60.80	70.70	54.00	70.80
6/11/2025 13:29:16	57.80	72.30	55.20	72.20
6/11/2025 13:29:17	56.20	73.30	52.20	73.30
6/11/2025 13:29:18	58.90	81.80	58.70	81.80
6/11/2025 13:29:19	61.50	90.10	55.70	90.10
6/11/2025 13:29:20	66.80	94.50	66.10	94.50
6/11/2025 13:29:21	73.50	101.90	69.90	101.80
6/11/2025 13:29:22	72.70	74.40	64.50	74.20
6/11/2025 13:29:23	68.70	89.70	60.60	89.70
6/11/2025 13:29:24	68.30	96.90	66.40	96.80
6/11/2025 13:29:25	67.80	95.60	65.80	95.50
6/11/2025 13:29:26	74.00	102.20	73.10	102.10
6/11/2025 13:29:27	73.20	89.00	65.10	89.00
6/11/2025 13:29:28	69.50	89.80	63.10	89.90
6/11/2025 13:29:29	68.10	94.70	66.30	94.70
6/11/2025 13:29:30	69.40	103.60	66.90	103.60
6/11/2025 13:29:31	67.50	83.40	58.30	83.40
6/11/2025 13:29:32	64.40	87.50	59.60	87.50
6/11/2025 13:29:33	66.60	95.10	65.60	95.10
6/11/2025 13:29:34	68.20	96.90	67.50	96.90
6/11/2025 13:29:35	66.10	85.20	60.70	85.20
6/11/2025 13:29:36	63.60	84.80	56.80	84.80
6/11/2025 13:29:37	60.30	72.60	53.00	72.60
6/11/2025 13:29:38	63.50	93.90	63.70	93.90
6/11/2025 13:29:39	66.00	97.20	64.20	97.20
6/11/2025 13:29:40	67.40	95.70	64.10	95.70
6/11/2025 13:29:41	69.80	97.90	66.90	97.90
6/11/2025 13:29:42	69.50	96.10	65.70	96.10
6/11/2025 13:29:43	71.60	99.80	68.30	99.80
6/11/2025 13:29:44	69.20	92.30	60.30	92.30
6/11/2025 13:29:45	65.80	91.80	61.20	91.70
6/11/2025 13:29:46	69.70	98.50	67.50	98.50
6/11/2025 13:29:47	74.30	102.70	72.10	102.70
6/11/2025 13:29:48	71.30	94.50	68.70	94.50
6/11/2025 13:29:49	71.10	98.00	69.20	97.90
6/11/2025 13:29:50	73.10	101.30	68.10	101.30
6/11/2025 13:29:51	72.60	92.50	67.10	92.40
6/11/2025 13:29:52	68.90	69.40	53.90	69.60
6/11/2025 13:29:53	64.90	75.10	59.50	75.00
6/11/2025 13:29:54	62.40	81.70	57.30	81.50
6/11/2025 13:29:55	59.60	77.40	54.50	77.30
6/11/2025 13:29:56	57.20	84.60	54.80	84.50

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:29:57	57.20	75.50	56.80	75.20
6/11/2025 13:29:58	57.50	76.30	55.70	76.10
6/11/2025 13:29:59	58.60	76.60	58.10	76.80
6/11/2025 13:30:00	60.20	79.20	59.60	78.90
6/11/2025 13:30:01	61.90	89.70	61.20	89.70
6/11/2025 13:30:02	71.90	99.80	69.60	99.80
6/11/2025 13:30:03	71.00	92.40	64.40	92.40
6/11/2025 13:30:04	75.10	104.90	69.30	104.80
6/11/2025 13:30:05	75.00	97.20	74.20	97.20
6/11/2025 13:30:06	73.40	97.20	68.90	97.10
6/11/2025 13:30:07	72.90	98.40	72.00	98.40
6/11/2025 13:30:08	72.50	99.10	70.70	99.10
6/11/2025 13:30:09	71.80	95.80	68.80	95.70
6/11/2025 13:30:10	71.90	97.10	70.60	97.10
6/11/2025 13:30:11	70.20	84.80	67.30	84.70
6/11/2025 13:30:12	69.60	81.00	65.70	81.00
6/11/2025 13:30:13	67.30	82.70	65.60	82.80
6/11/2025 13:30:14	66.20	89.80	61.00	89.80
6/11/2025 13:30:15	63.30	77.20	56.10	77.00
6/11/2025 13:30:16	60.80	71.50	56.10	71.60
6/11/2025 13:30:17	59.00	76.80	57.50	76.90
6/11/2025 13:30:18	59.30	78.20	57.90	78.10
6/11/2025 13:30:19	58.20	73.30	57.60	73.30
6/11/2025 13:30:20	62.50	92.80	60.50	92.70
6/11/2025 13:30:21	62.10	79.70	61.00	79.80
6/11/2025 13:30:22	61.30	75.40	56.30	75.60
6/11/2025 13:30:23	64.20	89.50	64.10	89.40
6/11/2025 13:30:24	68.40	97.00	65.20	96.90
6/11/2025 13:30:25	68.10	76.70	63.40	76.10
6/11/2025 13:30:26	64.50	77.00	58.40	76.80
6/11/2025 13:30:27	64.90	91.90	64.50	91.80
6/11/2025 13:30:28	68.00	92.50	67.50	92.50
6/11/2025 13:30:29	67.90	92.90	65.40	92.80
6/11/2025 13:30:30	68.00	95.70	66.80	95.70
6/11/2025 13:30:31	67.80	94.60	64.00	94.60
6/11/2025 13:30:32	65.70	82.30	62.60	82.50
6/11/2025 13:30:33	64.80	88.40	61.30	88.40
6/11/2025 13:30:34	62.00	78.90	57.50	79.00
6/11/2025 13:30:35	73.20	107.60	73.20	107.60
6/11/2025 13:30:36	72.10	90.20	66.30	90.30
6/11/2025 13:30:37	71.80	85.50	71.10	85.60
6/11/2025 13:30:38	70.40	82.70	65.60	82.60
6/11/2025 13:30:39	67.90	73.60	55.50	73.90
6/11/2025 13:30:40	63.90	77.20	58.90	77.30
6/11/2025 13:30:41	62.50	78.30	60.80	78.30
6/11/2025 13:30:42	61.00	81.90	58.30	82.00
6/11/2025 13:30:43	61.80	86.80	61.20	86.70
6/11/2025 13:30:44	62.50	92.90	60.60	92.80
6/11/2025 13:30:45	62.10	91.50	58.30	91.50
6/11/2025 13:30:46	70.70	96.10	69.50	96.00
6/11/2025 13:30:47	77.70	108.00	74.40	107.90

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:30:48	76.60	77.00	65.50	77.10
6/11/2025 13:30:49	72.40	90.70	61.30	90.70
6/11/2025 13:30:50	68.60	88.00	63.60	87.90
6/11/2025 13:30:51	73.20	100.80	71.50	100.70
6/11/2025 13:30:52	74.40	103.00	71.30	102.90
6/11/2025 13:30:53	73.80	79.40	65.30	79.30
6/11/2025 13:30:54	70.60	92.50	64.20	92.40
6/11/2025 13:30:55	70.20	101.10	66.70	101.10
6/11/2025 13:30:56	67.20	88.10	59.20	88.10
6/11/2025 13:30:57	64.30	76.00	60.30	75.90
6/11/2025 13:30:58	62.00	80.20	60.30	80.10
6/11/2025 13:30:59	64.70	90.80	65.00	90.70
6/11/2025 13:31:00	64.00	85.80	60.10	85.70
6/11/2025 13:31:01	62.00	75.70	57.50	75.50
6/11/2025 13:31:02	59.50	83.80	55.70	83.70
6/11/2025 13:31:03	58.00	71.70	52.70	71.60
6/11/2025 13:31:04	55.20	83.70	53.20	83.60
6/11/2025 13:31:05	60.60	80.90	59.20	81.10
6/11/2025 13:31:06	60.30	68.20	54.90	68.60
6/11/2025 13:31:07	65.30	99.90	63.20	99.90
6/11/2025 13:31:08	65.00	93.30	61.70	93.20
6/11/2025 13:31:09	66.60	93.50	64.70	93.50
6/11/2025 13:31:10	68.20	96.90	67.60	96.90
6/11/2025 13:31:11	67.10	79.40	59.20	79.60
6/11/2025 13:31:12	64.50	90.90	61.80	90.90
6/11/2025 13:31:13	65.80	91.20	64.20	91.20
6/11/2025 13:31:14	65.40	86.30	63.60	86.30
6/11/2025 13:31:15	63.90	77.60	59.00	77.80
6/11/2025 13:31:16	63.30	94.10	62.80	94.10
6/11/2025 13:31:17	69.20	98.10	67.30	98.10
6/11/2025 13:31:18	67.00	87.20	61.00	87.10
6/11/2025 13:31:19	65.00	87.50	59.10	87.40
6/11/2025 13:31:20	68.20	98.40	66.00	98.40
6/11/2025 13:31:21	65.70	86.40	59.00	86.20
6/11/2025 13:31:22	65.00	93.00	62.40	92.90
6/11/2025 13:31:23	63.60	77.50	56.80	77.40
6/11/2025 13:31:24	62.60	93.40	60.60	93.40
6/11/2025 13:31:25	61.80	81.60	56.10	81.50
6/11/2025 13:31:26	59.10	73.70	54.80	73.40
6/11/2025 13:31:27	62.30	92.80	60.90	92.80
6/11/2025 13:31:28	73.10	102.40	71.70	102.40
6/11/2025 13:31:29	70.80	95.00	65.70	94.90
6/11/2025 13:31:30	69.10	77.40	62.40	77.50
6/11/2025 13:31:31	66.70	96.60	64.20	96.60
6/11/2025 13:31:32	72.90	101.20	70.60	101.20
6/11/2025 13:31:33	70.70	90.20	60.30	90.30
6/11/2025 13:31:34	67.00	91.40	58.80	91.40
6/11/2025 13:31:35	69.50	96.40	67.80	96.40
6/11/2025 13:31:36	72.80	101.50	70.60	101.40
6/11/2025 13:31:37	71.00	88.40	62.70	88.40
6/11/2025 13:31:38	71.30	100.70	61.80	100.70

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:31:39	71.40	94.50	71.30	94.40
6/11/2025 13:31:40	70.60	85.30	67.50	85.20
6/11/2025 13:31:41	68.10	80.00	60.10	79.70
6/11/2025 13:31:42	65.10	78.90	63.10	78.80
6/11/2025 13:31:43	64.90	79.40	63.70	79.50
6/11/2025 13:31:44	64.30	79.20	61.30	79.20
6/11/2025 13:31:45	62.80	86.20	60.80	86.20
6/11/2025 13:31:46	61.70	77.20	57.40	76.80
6/11/2025 13:31:47	59.30	73.90	55.50	73.90
6/11/2025 13:31:48	57.30	75.80	55.60	76.10
6/11/2025 13:31:49	62.00	87.00	63.40	86.90
6/11/2025 13:31:50	63.50	80.10	63.30	80.10
6/11/2025 13:31:51	63.80	79.40	62.70	79.00
6/11/2025 13:31:52	62.80	88.80	61.90	88.80
6/11/2025 13:31:53	62.30	79.50	60.10	79.40
6/11/2025 13:31:54	62.30	89.50	60.70	89.50
6/11/2025 13:31:55	63.50	78.60	62.80	78.40
6/11/2025 13:31:56	68.20	98.20	66.30	98.10
6/11/2025 13:31:57	66.70	98.80	64.00	98.80
6/11/2025 13:31:58	65.80	92.40	62.50	92.40
6/11/2025 13:31:59	65.30	94.10	62.80	94.10
6/11/2025 13:32:00	68.50	96.10	67.50	96.00
6/11/2025 13:32:01	67.60	91.60	62.40	91.50
6/11/2025 13:32:02	67.40	98.50	66.10	98.50
6/11/2025 13:32:03	66.00	90.50	62.50	90.50
6/11/2025 13:32:04	73.00	102.70	71.30	102.60
6/11/2025 13:32:05	72.40	89.00	72.10	88.90
6/11/2025 13:32:06	71.40	84.30	65.60	84.20
6/11/2025 13:32:07	70.70	85.40	70.20	85.50
6/11/2025 13:32:08	69.70	79.10	59.00	79.20
6/11/2025 13:32:09	65.80	77.10	56.80	77.30
6/11/2025 13:32:10	62.50	81.80	61.30	81.80
6/11/2025 13:32:11	62.30	72.60	58.00	72.50
6/11/2025 13:32:12	71.30	102.40	69.10	102.30
6/11/2025 13:32:13	69.90	94.80	65.50	94.80
6/11/2025 13:32:14	68.50	74.90	61.10	75.10
6/11/2025 13:32:15	64.90	87.10	57.80	87.10
6/11/2025 13:32:16	64.90	97.10	61.20	97.10
6/11/2025 13:32:17	69.30	98.60	68.40	98.60
6/11/2025 13:32:18	67.80	77.90	56.30	78.10
6/11/2025 13:32:19	63.90	79.10	58.00	78.70
6/11/2025 13:32:20	62.10	92.90	57.70	92.80
6/11/2025 13:32:21	61.70	88.00	59.10	88.00
6/11/2025 13:32:22	64.10	91.00	63.50	91.00
6/11/2025 13:32:23	69.30	98.20	67.20	98.10
6/11/2025 13:32:24	67.50	68.20	56.10	68.40
6/11/2025 13:32:25	63.50	64.20	51.10	64.00
6/11/2025 13:32:26	59.60	78.20	51.50	78.00
6/11/2025 13:32:27	56.60	67.90	53.30	68.10
6/11/2025 13:32:28	57.00	85.20	55.80	85.10
6/11/2025 13:32:29	58.30	87.20	58.20	87.20

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:32:30	58.80	72.70	58.50	72.80
6/11/2025 13:32:31	64.60	92.70	63.60	92.80
6/11/2025 13:32:32	67.00	98.70	64.40	98.70
6/11/2025 13:32:33	70.20	98.30	67.50	98.30
6/11/2025 13:32:34	68.70	95.80	65.60	95.80
6/11/2025 13:32:35	69.60	101.20	68.00	101.20
6/11/2025 13:32:36	75.30	106.20	69.50	106.20
6/11/2025 13:32:37	75.20	98.20	70.70	98.10
6/11/2025 13:32:38	71.20	92.90	61.90	92.90
6/11/2025 13:32:39	68.30	90.00	62.60	90.00
6/11/2025 13:32:40	79.20	109.00	76.80	109.00
6/11/2025 13:32:41	76.60	96.00	65.10	96.00
6/11/2025 13:32:42	74.40	90.70	71.30	90.70
6/11/2025 13:32:43	72.60	80.30	64.10	80.30
6/11/2025 13:32:44	69.10	90.00	64.20	89.90
6/11/2025 13:32:45	66.90	84.10	61.10	84.10
6/11/2025 13:32:46	64.50	77.60	58.40	77.70
6/11/2025 13:32:47	61.30	76.70	56.70	76.90
6/11/2025 13:32:48	59.70	73.70	56.10	73.70
6/11/2025 13:32:49	57.10	82.90	54.00	83.00
6/11/2025 13:32:50	62.10	85.50	61.90	85.40
6/11/2025 13:32:51	61.30	82.30	55.80	82.40
6/11/2025 13:32:52	66.50	98.00	64.80	98.00
6/11/2025 13:32:53	70.10	97.10	68.90	97.10
6/11/2025 13:32:54	71.90	102.60	68.60	102.60
6/11/2025 13:32:55	71.70	99.30	68.50	99.30
6/11/2025 13:32:56	70.00	97.70	66.00	97.70
6/11/2025 13:32:57	70.00	100.20	66.40	100.20
6/11/2025 13:32:58	69.20	94.50	65.90	94.40
6/11/2025 13:32:59	66.90	79.70	59.50	79.80
6/11/2025 13:33:00	63.60	89.00	58.80	89.00
6/11/2025 13:33:01	62.50	79.70	57.60	79.40
6/11/2025 13:33:02	59.40	69.60	51.70	68.90
6/11/2025 13:33:03	56.80	78.80	54.80	78.70
6/11/2025 13:33:04	56.70	71.20	54.70	70.90
6/11/2025 13:33:05	55.60	71.70	54.40	71.10
6/11/2025 13:33:06	58.10	86.60	57.50	86.50
6/11/2025 13:33:07	61.90	85.30	61.20	85.10
6/11/2025 13:33:08	64.50	93.30	63.70	93.30
6/11/2025 13:33:09	64.10	90.30	61.80	90.20
6/11/2025 13:33:10	68.60	99.30	65.30	99.20
6/11/2025 13:33:11	68.40	91.50	63.60	91.50
6/11/2025 13:33:12	68.60	99.50	66.90	99.40
6/11/2025 13:33:13	69.40	98.60	65.80	98.60
6/11/2025 13:33:14	66.70	89.40	62.80	89.40
6/11/2025 13:33:15	64.60	76.70	61.20	76.50
6/11/2025 13:33:16	62.60	70.90	55.90	71.00
6/11/2025 13:33:17	60.10	72.90	58.50	72.80
6/11/2025 13:33:18	58.90	76.60	54.00	76.60
6/11/2025 13:33:19	56.60	70.40	54.70	70.00
6/11/2025 13:33:20	55.50	73.60	54.60	73.70

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:33:21	55.40	79.40	54.90	79.10
6/11/2025 13:33:22	55.00	81.70	53.30	81.80
6/11/2025 13:33:23	53.80	81.70	52.40	81.80
6/11/2025 13:33:24	64.80	94.70	63.50	94.70
6/11/2025 13:33:25	65.80	90.60	64.80	90.60
6/11/2025 13:33:26	64.00	69.80	53.80	70.10
6/11/2025 13:33:27	64.50	96.20	63.80	96.10
6/11/2025 13:33:28	69.60	97.10	66.50	97.00
6/11/2025 13:33:29	74.40	102.90	73.40	102.90
6/11/2025 13:33:30	72.20	97.50	64.40	97.50
6/11/2025 13:33:31	73.90	100.20	72.70	100.20
6/11/2025 13:33:32	71.90	92.50	62.80	92.40
6/11/2025 13:33:33	71.30	100.30	70.30	100.30
6/11/2025 13:33:34	69.60	93.80	65.40	93.80
6/11/2025 13:33:35	72.20	100.40	70.90	100.30
6/11/2025 13:33:36	78.90	107.70	77.10	107.60
6/11/2025 13:33:37	78.50	101.10	73.20	101.10
6/11/2025 13:33:38	77.70	104.60	73.10	104.60
6/11/2025 13:33:39	81.20	109.80	80.00	109.80
6/11/2025 13:33:40	80.00	96.00	70.60	96.00
6/11/2025 13:33:41	76.20	97.00	66.00	97.10
6/11/2025 13:33:42	72.60	84.50	58.80	84.50
6/11/2025 13:33:43	68.70	94.10	63.80	94.10
6/11/2025 13:33:44	68.10	94.60	65.80	94.70
6/11/2025 13:33:45	66.20	77.50	61.70	77.50
6/11/2025 13:33:46	64.30	82.30	60.60	82.20
6/11/2025 13:33:47	62.40	81.50	62.00	81.40
6/11/2025 13:33:48	64.40	88.50	64.10	88.50
6/11/2025 13:33:49	63.50	81.70	62.40	81.60
6/11/2025 13:33:50	62.70	83.10	58.90	83.00
6/11/2025 13:33:51	60.50	72.70	57.80	72.80
6/11/2025 13:33:52	62.30	78.40	62.50	78.40
6/11/2025 13:33:53	62.40	87.20	61.00	87.20
6/11/2025 13:33:54	63.00	83.90	63.70	83.90
6/11/2025 13:33:55	64.80	82.40	65.30	82.30
6/11/2025 13:33:56	64.60	83.10	63.30	83.10
6/11/2025 13:33:57	67.30	94.70	67.50	94.70
6/11/2025 13:33:58	77.00	107.50	75.70	107.50
6/11/2025 13:33:59	74.90	96.10	68.90	96.10
6/11/2025 13:34:00	72.10	95.20	66.80	95.20
6/11/2025 13:34:01	72.90	98.80	72.70	98.80
6/11/2025 13:34:02	76.20	104.90	74.70	104.90
6/11/2025 13:34:03	74.40	97.50	69.50	97.40
6/11/2025 13:34:04	73.40	102.20	70.30	102.20
6/11/2025 13:34:05	72.10	93.80	65.00	93.80
6/11/2025 13:34:06	74.60	104.10	72.40	104.10
6/11/2025 13:34:07	74.40	102.40	70.10	102.40
6/11/2025 13:34:08	71.80	91.60	65.90	91.60
6/11/2025 13:34:09	68.90	75.20	60.50	75.50
6/11/2025 13:34:10	65.40	84.70	60.60	84.40
6/11/2025 13:34:11	64.80	88.60	62.20	88.50

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:34:12	64.70	80.10	63.10	80.20
6/11/2025 13:34:13	63.70	86.00	60.40	86.00
6/11/2025 13:34:14	65.00	92.20	65.00	92.10
6/11/2025 13:34:15	65.20	92.80	62.20	92.70
6/11/2025 13:34:16	64.40	94.70	61.50	94.70
6/11/2025 13:34:17	63.10	70.50	56.00	69.90
6/11/2025 13:34:18	64.80	91.10	64.30	91.10
6/11/2025 13:34:19	71.70	100.30	69.60	100.30
6/11/2025 13:34:20	70.20	96.40	65.50	96.30
6/11/2025 13:34:21	69.30	87.80	67.90	87.70
6/11/2025 13:34:22	68.00	92.30	64.90	92.30
6/11/2025 13:34:23	66.40	78.90	61.20	79.00
6/11/2025 13:34:24	63.30	76.50	59.20	76.30
6/11/2025 13:34:25	66.60	94.00	66.40	93.90
6/11/2025 13:34:26	66.20	73.80	59.70	74.10
6/11/2025 13:34:27	65.90	92.80	63.30	92.80
6/11/2025 13:34:28	63.90	90.10	57.30	90.10
6/11/2025 13:34:29	61.50	77.50	55.20	77.10
6/11/2025 13:34:30	61.50	89.10	60.50	89.00
6/11/2025 13:34:31	60.40	87.70	58.60	87.60
6/11/2025 13:34:32	64.30	89.70	64.40	89.60
6/11/2025 13:34:33	63.60	91.30	60.60	91.30
6/11/2025 13:34:34	64.80	92.90	62.70	92.90
6/11/2025 13:34:35	67.60	96.40	66.40	96.40
6/11/2025 13:34:36	70.80	98.70	68.60	98.70
6/11/2025 13:34:37	72.80	90.50	70.50	90.60
6/11/2025 13:34:38	70.20	77.60	56.30	77.30
6/11/2025 13:34:39	66.10	92.20	60.20	92.10
6/11/2025 13:34:40	63.90	86.80	60.30	86.70
6/11/2025 13:34:41	63.80	77.00	62.60	76.80
6/11/2025 13:34:42	62.70	79.80	57.90	79.60
6/11/2025 13:34:43	60.30	70.70	53.10	70.90
6/11/2025 13:34:44	57.00	76.10	53.00	75.90
6/11/2025 13:34:45	56.70	64.50	52.00	65.90
6/11/2025 13:34:46	53.80	71.10	50.50	70.90
6/11/2025 13:34:47	55.40	73.20	54.50	73.70
6/11/2025 13:34:48	59.50	85.90	57.20	85.90
6/11/2025 13:34:49	59.60	77.00	58.90	77.00
6/11/2025 13:34:50	58.00	70.20	53.80	69.90
6/11/2025 13:34:51	58.30	76.80	58.00	77.00
6/11/2025 13:34:52	58.80	86.00	56.30	85.90
6/11/2025 13:34:53	63.10	91.40	62.20	91.30
6/11/2025 13:34:54	64.70	93.50	63.70	93.50
6/11/2025 13:34:55	72.90	102.10	72.70	102.10
6/11/2025 13:34:56	70.90	97.10	62.40	97.10
6/11/2025 13:34:57	71.50	102.40	70.60	102.40
6/11/2025 13:34:58	71.30	95.60	67.70	95.60
6/11/2025 13:34:59	68.70	88.60	63.70	88.60
6/11/2025 13:35:00	74.20	104.00	71.50	103.90
6/11/2025 13:35:01	72.70	90.00	66.20	89.90
6/11/2025 13:35:02	70.10	90.60	63.90	90.50

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:35:03	66.70	77.80	59.50	77.70
6/11/2025 13:35:04	66.60	88.90	65.70	88.90
6/11/2025 13:35:05	66.50	79.70	62.50	79.80
6/11/2025 13:35:06	63.80	84.00	59.00	83.90
6/11/2025 13:35:07	67.30	100.00	66.30	100.00
6/11/2025 13:35:08	67.50	82.70	64.10	82.60
6/11/2025 13:35:09	69.50	96.40	67.20	96.40
6/11/2025 13:35:10	68.80	80.60	63.30	80.50
6/11/2025 13:35:11	65.50	73.90	53.30	73.90
6/11/2025 13:35:12	61.90	87.30	59.40	87.30
6/11/2025 13:35:13	61.90	89.50	58.50	89.50
6/11/2025 13:35:14	71.10	101.80	69.60	101.80
6/11/2025 13:35:15	70.30	96.80	67.90	96.70
6/11/2025 13:35:16	68.80	84.00	61.80	83.70
6/11/2025 13:35:17	65.70	70.20	53.90	70.30
6/11/2025 13:35:18	66.80	95.80	66.30	95.80
6/11/2025 13:35:19	66.70	88.30	63.50	88.20
6/11/2025 13:35:20	66.10	97.10	63.00	97.10
6/11/2025 13:35:21	63.50	76.90	58.80	76.80
6/11/2025 13:35:22	61.20	77.40	56.90	76.90
6/11/2025 13:35:23	60.40	75.60	59.50	75.50
6/11/2025 13:35:24	62.00	86.80	60.00	86.80
6/11/2025 13:35:25	68.00	96.40	66.00	96.30
6/11/2025 13:35:26	67.50	82.70	62.30	82.70
6/11/2025 13:35:27	68.60	96.20	67.60	96.20
6/11/2025 13:35:28	72.50	100.30	70.40	100.30
6/11/2025 13:35:29	70.40	89.20	66.60	89.20
6/11/2025 13:35:30	70.20	91.60	69.00	91.60
6/11/2025 13:35:31	68.70	92.80	64.60	92.70
6/11/2025 13:35:32	68.40	83.40	65.50	83.20
6/11/2025 13:35:33	66.00	87.70	62.60	87.70
6/11/2025 13:35:34	69.30	97.60	68.60	97.60
6/11/2025 13:35:35	67.90	93.10	65.80	93.00
6/11/2025 13:35:36	67.70	90.50	67.30	90.50
6/11/2025 13:35:37	69.50	97.20	68.30	97.20
6/11/2025 13:35:38	71.90	95.70	70.40	95.70
6/11/2025 13:35:39	73.10	97.20	71.20	97.20
6/11/2025 13:35:40	71.10	84.10	65.60	84.10
6/11/2025 13:35:41	68.60	81.90	65.50	81.80
6/11/2025 13:35:42	69.70	100.10	68.70	100.10
6/11/2025 13:35:43	69.50	97.00	66.80	96.90
6/11/2025 13:35:44	69.40	84.50	64.20	84.40
6/11/2025 13:35:45	71.50	89.80	71.60	89.80
6/11/2025 13:35:46	69.90	94.80	65.90	94.80
6/11/2025 13:35:47	68.60	92.10	66.00	92.00
6/11/2025 13:35:48	68.50	90.80	66.60	90.70
6/11/2025 13:35:49	66.10	93.20	60.50	93.10
6/11/2025 13:35:50	66.30	94.60	65.00	94.60
6/11/2025 13:35:51	66.50	83.70	64.70	83.70
6/11/2025 13:35:52	67.90	87.40	66.70	87.40
6/11/2025 13:35:53	66.00	84.00	63.10	83.70

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:35:54	70.80	102.00	69.20	102.00
6/11/2025 13:35:55	70.10	96.80	66.20	96.70
6/11/2025 13:35:56	70.20	93.00	69.20	92.90
6/11/2025 13:35:57	68.40	81.30	65.90	81.40
6/11/2025 13:35:58	68.00	81.30	63.40	81.20
6/11/2025 13:35:59	68.50	95.50	63.30	95.40
6/11/2025 13:36:00	68.50	87.90	67.00	87.90
6/11/2025 13:36:01	67.00	91.20	66.30	91.20
6/11/2025 13:36:02	66.60	88.60	63.60	88.60
6/11/2025 13:36:03	69.70	93.30	69.50	93.30
6/11/2025 13:36:04	69.70	85.40	68.30	85.50
6/11/2025 13:36:05	68.00	87.20	61.10	87.10
6/11/2025 13:36:06	66.40	93.10	63.50	93.00
6/11/2025 13:36:07	71.70	100.20	67.30	100.20
6/11/2025 13:36:08	71.30	80.60	66.40	80.70
6/11/2025 13:36:09	70.30	96.90	66.90	96.90
6/11/2025 13:36:10	70.10	80.10	65.90	80.00
6/11/2025 13:36:11	70.30	97.40	68.50	97.40
6/11/2025 13:36:12	71.20	97.70	71.10	97.70
6/11/2025 13:36:13	70.40	95.00	68.20	95.00
6/11/2025 13:36:14	70.70	100.50	67.60	100.40
6/11/2025 13:36:15	68.40	91.90	64.80	91.90
6/11/2025 13:36:16	71.10	99.00	70.30	98.90
6/11/2025 13:36:17	71.70	86.40	71.30	86.40
6/11/2025 13:36:18	71.10	86.40	67.20	86.40
6/11/2025 13:36:19	69.70	86.50	68.50	86.40
6/11/2025 13:36:20	69.20	81.50	66.40	81.50
6/11/2025 13:36:21	67.80	80.90	67.60	80.90
6/11/2025 13:36:22	67.50	76.40	61.20	76.50
6/11/2025 13:36:23	64.20	78.70	62.30	78.40
6/11/2025 13:36:24	63.30	75.40	59.00	75.40
6/11/2025 13:36:25	60.90	77.30	55.80	77.50
6/11/2025 13:36:26	64.00	90.50	64.40	90.40
6/11/2025 13:36:27	63.50	90.60	60.60	90.50
6/11/2025 13:36:28	62.90	78.40	61.60	78.40
6/11/2025 13:36:29	61.70	73.30	57.20	73.20
6/11/2025 13:36:30	66.50	93.30	65.20	93.20
6/11/2025 13:36:31	66.10	97.00	64.30	97.00
6/11/2025 13:36:32	67.90	96.60	65.00	96.60
6/11/2025 13:36:33	66.20	95.70	60.80	95.70
6/11/2025 13:36:34	69.70	96.10	70.10	96.10
6/11/2025 13:36:35	68.90	78.40	63.40	78.70
6/11/2025 13:36:36	65.90	71.70	54.30	71.30
6/11/2025 13:36:37	63.40	87.10	62.30	87.00
6/11/2025 13:36:38	68.10	96.40	68.10	96.30
6/11/2025 13:36:39	72.70	102.20	67.90	102.10
6/11/2025 13:36:40	76.70	104.90	75.30	104.80
6/11/2025 13:36:41	75.40	94.90	67.90	94.80
6/11/2025 13:36:42	72.00	91.20	65.90	91.10
6/11/2025 13:36:43	70.60	97.20	67.10	97.10
6/11/2025 13:36:44	68.70	89.90	61.30	89.90

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:36:45	65.20	77.30	59.30	77.10
6/11/2025 13:36:46	62.40	85.40	57.20	85.30
6/11/2025 13:36:47	60.70	73.70	59.40	73.70
6/11/2025 13:36:48	62.10	79.60	61.60	79.30
6/11/2025 13:36:49	66.70	95.90	65.50	95.90
6/11/2025 13:36:50	68.70	98.50	66.50	98.50
6/11/2025 13:36:51	67.80	75.30	60.50	75.30
6/11/2025 13:36:52	66.30	90.60	65.40	90.60
6/11/2025 13:36:53	65.60	75.60	59.20	75.90
6/11/2025 13:36:54	67.50	93.60	65.40	93.60
6/11/2025 13:36:55	67.00	79.50	60.50	79.30
6/11/2025 13:36:56	63.60	85.10	59.00	85.10
6/11/2025 13:36:57	67.10	94.10	66.00	94.10
6/11/2025 13:36:58	65.80	78.50	61.60	78.40
6/11/2025 13:36:59	66.70	91.20	64.30	91.20
6/11/2025 13:37:00	66.90	85.70	65.30	85.60
6/11/2025 13:37:01	64.70	75.40	60.40	75.20
6/11/2025 13:37:02	63.10	79.90	60.50	79.80
6/11/2025 13:37:03	66.30	82.90	66.30	82.70
6/11/2025 13:37:04	66.50	93.30	65.10	93.30
6/11/2025 13:37:05	66.30	92.20	64.00	92.10
6/11/2025 13:37:06	64.90	92.50	63.40	92.50
6/11/2025 13:37:07	67.80	99.70	66.20	99.70
6/11/2025 13:37:08	72.50	101.80	71.00	101.80
6/11/2025 13:37:09	75.70	104.00	73.90	104.00
6/11/2025 13:37:10	73.70	92.90	67.40	92.90
6/11/2025 13:37:11	75.50	102.30	73.10	102.30
6/11/2025 13:37:12	82.20	111.90	78.30	111.80
6/11/2025 13:37:13	81.10	93.70	71.90	93.70
6/11/2025 13:37:14	77.10	87.00	63.70	86.90
6/11/2025 13:37:15	73.10	76.20	60.90	76.10
6/11/2025 13:37:16	69.20	96.20	65.20	96.20
6/11/2025 13:37:17	67.30	83.00	64.10	83.00
6/11/2025 13:37:18	65.80	76.80	61.20	76.60
6/11/2025 13:37:19	63.30	74.00	58.00	73.90
6/11/2025 13:37:20	61.20	83.50	58.60	83.60
6/11/2025 13:37:21	69.90	99.00	66.90	98.90
6/11/2025 13:37:22	69.70	82.10	68.40	82.10
6/11/2025 13:37:23	67.50	87.60	63.30	87.80
6/11/2025 13:37:24	69.00	95.70	66.90	95.60
6/11/2025 13:37:25	72.50	102.60	70.20	102.60
6/11/2025 13:37:26	70.40	79.30	61.90	79.30
6/11/2025 13:37:27	71.30	99.00	68.90	98.90
6/11/2025 13:37:28	70.90	90.00	64.80	90.00
6/11/2025 13:37:29	67.20	85.90	60.20	85.90
6/11/2025 13:37:30	64.20	75.90	60.20	75.70
6/11/2025 13:37:31	62.50	73.40	56.80	73.30
6/11/2025 13:37:32	63.80	81.40	64.60	81.40
6/11/2025 13:37:33	64.30	79.00	63.00	78.80
6/11/2025 13:37:34	66.60	84.60	63.00	84.50
6/11/2025 13:37:35	66.70	88.20	65.10	88.10

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:37:36	67.10	96.10	65.50	96.10
6/11/2025 13:37:37	65.50	85.20	59.90	85.20
6/11/2025 13:37:38	63.80	82.80	61.10	82.60
6/11/2025 13:37:39	61.40	74.80	56.00	74.70
6/11/2025 13:37:40	62.10	86.50	62.00	86.40
6/11/2025 13:37:41	63.70	85.70	62.60	85.70
6/11/2025 13:37:42	64.60	91.10	64.10	91.10
6/11/2025 13:37:43	64.80	96.10	61.80	96.10
6/11/2025 13:37:44	68.70	97.70	67.20	97.60
6/11/2025 13:37:45	73.60	102.50	72.40	102.50
6/11/2025 13:37:46	73.90	101.90	71.00	101.90
6/11/2025 13:37:47	71.90	88.90	70.80	88.90
6/11/2025 13:37:48	72.40	92.30	72.30	92.20
6/11/2025 13:37:49	72.10	84.60	66.30	84.50
6/11/2025 13:37:50	71.10	99.10	67.40	99.00
6/11/2025 13:37:51	68.40	85.80	60.80	85.90
6/11/2025 13:37:52	69.00	97.60	65.60	97.60
6/11/2025 13:37:53	69.10	87.10	65.30	87.10
6/11/2025 13:37:54	67.00	93.60	63.80	93.50
6/11/2025 13:37:55	71.10	99.80	70.90	99.80
6/11/2025 13:37:56	73.70	102.00	73.20	102.00
6/11/2025 13:37:57	73.70	82.50	67.30	82.60
6/11/2025 13:37:58	70.00	85.00	63.30	84.90
6/11/2025 13:37:59	67.60	89.20	64.30	89.40
6/11/2025 13:38:00	72.10	95.80	71.50	95.80
6/11/2025 13:38:01	71.70	79.30	63.30	79.30
6/11/2025 13:38:02	67.80	74.10	59.10	73.90
6/11/2025 13:38:03	64.50	76.80	56.80	77.30
6/11/2025 13:38:04	61.20	79.50	55.40	79.30
6/11/2025 13:38:05	58.40	74.80	55.70	74.80
6/11/2025 13:38:06	57.60	72.30	55.80	72.30
6/11/2025 13:38:07	56.90	68.10	53.80	67.80
6/11/2025 13:38:08	61.80	89.90	59.20	89.90
6/11/2025 13:38:09	61.50	72.80	59.60	72.70
6/11/2025 13:38:10	71.30	102.00	63.40	102.00
6/11/2025 13:38:11	71.10	89.90	67.80	89.90
6/11/2025 13:38:12	71.30	98.00	68.20	98.00
6/11/2025 13:38:13	67.90	92.70	63.10	92.70
6/11/2025 13:38:14	78.90	109.00	76.30	108.90
6/11/2025 13:38:15	77.80	91.70	70.60	91.70
6/11/2025 13:38:16	74.10	97.50	64.90	97.40
6/11/2025 13:38:17	72.60	75.30	65.00	75.20
6/11/2025 13:38:18	68.70	88.20	65.10	88.20
6/11/2025 13:38:19	67.10	83.80	60.50	83.70
6/11/2025 13:38:20	66.00	93.40	63.40	93.40
6/11/2025 13:38:21	67.90	96.30	64.40	96.20
6/11/2025 13:38:22	67.10	89.40	62.70	89.40
6/11/2025 13:38:23	66.70	94.20	64.30	94.20
6/11/2025 13:38:24	70.00	97.20	67.60	97.20
6/11/2025 13:38:25	68.00	91.20	62.70	91.20
6/11/2025 13:38:26	65.30	89.80	62.30	89.80

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:38:27	64.00	86.70	57.50	86.60
6/11/2025 13:38:28	60.80	84.30	53.60	84.40
6/11/2025 13:38:29	58.30	84.70	55.80	84.60
6/11/2025 13:38:30	59.40	84.70	58.40	84.50
6/11/2025 13:38:31	63.80	91.80	63.20	91.80
6/11/2025 13:38:32	64.60	82.80	63.60	82.70
6/11/2025 13:38:33	67.60	94.70	67.80	94.70
6/11/2025 13:38:34	67.20	94.20	65.00	94.20
6/11/2025 13:38:35	71.40	99.50	69.90	99.50
6/11/2025 13:38:36	70.90	91.10	64.90	91.00
6/11/2025 13:38:37	68.10	98.90	64.00	98.80
6/11/2025 13:38:38	66.90	72.50	56.80	72.50
6/11/2025 13:38:39	67.60	95.00	65.80	95.00
6/11/2025 13:38:40	65.70	87.80	59.70	87.70
6/11/2025 13:38:41	62.80	78.30	56.10	78.20
6/11/2025 13:38:42	62.10	86.60	61.20	86.50
6/11/2025 13:38:43	62.20	88.40	61.20	88.40
6/11/2025 13:38:44	65.10	92.20	62.40	92.20
6/11/2025 13:38:45	65.90	92.80	64.10	92.70
6/11/2025 13:38:46	65.00	93.30	62.90	93.20
6/11/2025 13:38:47	63.50	85.50	57.20	85.50
6/11/2025 13:38:48	69.50	97.60	67.30	97.50
6/11/2025 13:38:49	70.40	96.70	67.80	96.60
6/11/2025 13:38:50	67.50	82.50	64.20	82.50
6/11/2025 13:38:51	65.50	74.70	54.90	74.10
6/11/2025 13:38:52	61.70	75.70	55.90	75.50
6/11/2025 13:38:53	59.20	69.40	54.00	69.40
6/11/2025 13:38:54	57.00	67.20	53.10	66.90
6/11/2025 13:38:55	54.40	67.90	51.40	66.90
6/11/2025 13:38:56	54.30	69.20	53.00	69.60
6/11/2025 13:38:57	52.70	66.10	50.80	65.40
6/11/2025 13:38:58	59.30	80.10	60.30	80.00
6/11/2025 13:38:59	58.60	67.90	53.70	68.00
6/11/2025 13:39:00	57.30	71.50	55.30	71.90
6/11/2025 13:39:01	61.70	89.90	59.80	89.90
6/11/2025 13:39:02	62.10	91.30	59.40	91.20
6/11/2025 13:39:03	61.50	68.90	54.80	69.60
6/11/2025 13:39:04	61.90	90.70	60.70	90.70
6/11/2025 13:39:05	61.10	93.30	60.10	93.30
6/11/2025 13:39:06	67.40	97.00	65.40	96.90
6/11/2025 13:39:07	64.30	89.40	59.70	89.40
6/11/2025 13:39:08	62.90	88.40	60.80	88.40
6/11/2025 13:39:09	65.00	90.80	63.10	90.70
6/11/2025 13:39:10	62.50	85.90	58.10	85.90
6/11/2025 13:39:11	67.70	98.30	66.90	98.20
6/11/2025 13:39:12	67.50	94.40	65.60	94.30
6/11/2025 13:39:13	66.00	79.10	58.40	78.90
6/11/2025 13:39:14	64.80	94.20	62.10	94.20
6/11/2025 13:39:15	63.00	74.80	56.00	74.70
6/11/2025 13:39:16	64.00	80.70	62.90	80.60
6/11/2025 13:39:17	63.10	76.30	56.70	76.30

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:39:18	59.80	69.90	52.70	69.90
6/11/2025 13:39:19	56.80	74.60	53.00	73.90
6/11/2025 13:39:20	54.90	73.60	53.70	74.00
6/11/2025 13:39:21	57.50	81.70	57.20	81.60
6/11/2025 13:39:22	64.50	92.30	62.40	92.20
6/11/2025 13:39:23	64.00	75.70	58.10	75.80
6/11/2025 13:39:24	60.60	85.50	56.20	85.40
6/11/2025 13:39:25	63.10	91.90	61.80	91.90
6/11/2025 13:39:26	68.60	100.70	61.80	100.70
6/11/2025 13:39:27	68.70	82.10	66.20	82.20
6/11/2025 13:39:28	70.50	100.90	67.40	100.90
6/11/2025 13:39:29	69.70	78.90	62.30	78.70
6/11/2025 13:39:30	65.90	84.80	58.00	84.70
6/11/2025 13:39:31	62.50	77.30	56.50	77.70
6/11/2025 13:39:32	60.00	70.70	54.50	70.80
6/11/2025 13:39:33	60.40	78.70	59.40	78.80
6/11/2025 13:39:34	59.10	90.20	56.90	90.10
6/11/2025 13:39:35	57.30	70.70	53.30	70.70
6/11/2025 13:39:36	61.30	89.20	60.70	89.30
6/11/2025 13:39:37	65.20	92.20	63.10	92.20
6/11/2025 13:39:38	65.90	95.60	65.50	95.50
6/11/2025 13:39:39	67.20	92.10	64.70	92.10
6/11/2025 13:39:40	71.50	101.00	68.80	101.00
6/11/2025 13:39:41	70.70	94.40	65.70	94.40
6/11/2025 13:39:42	67.70	85.60	58.90	85.60
6/11/2025 13:39:43	64.60	87.50	58.90	87.50
6/11/2025 13:39:44	62.30	90.40	58.70	90.40
6/11/2025 13:39:45	64.50	92.60	63.70	92.60
6/11/2025 13:39:46	66.40	93.80	64.60	93.70
6/11/2025 13:39:47	69.90	95.80	68.20	95.80
6/11/2025 13:39:48	73.60	103.40	71.00	103.30
6/11/2025 13:39:49	69.80	87.10	58.80	87.00
6/11/2025 13:39:50	66.30	95.50	59.70	95.40
6/11/2025 13:39:51	65.70	77.40	62.50	77.10
6/11/2025 13:39:52	62.80	84.40	58.30	84.40
6/11/2025 13:39:53	60.40	79.50	58.10	79.50
6/11/2025 13:39:54	62.30	78.90	62.30	79.10
6/11/2025 13:39:55	61.30	70.90	53.20	71.20
6/11/2025 13:39:56	66.80	95.00	64.90	95.00
6/11/2025 13:39:57	64.30	86.30	56.60	86.30
6/11/2025 13:39:58	61.20	71.50	52.70	71.40
6/11/2025 13:39:59	57.70	72.70	54.10	72.90
6/11/2025 13:40:00	61.00	78.90	61.20	78.80
6/11/2025 13:40:01	62.20	89.40	60.70	89.40
6/11/2025 13:40:02	60.40	70.70	53.70	70.50
6/11/2025 13:40:03	57.40	78.70	55.10	78.50
6/11/2025 13:40:04	56.40	74.50	55.20	74.50
6/11/2025 13:40:05	60.90	89.40	59.60	89.30
6/11/2025 13:40:06	58.60	77.70	53.70	77.80
6/11/2025 13:40:07	56.50	67.60	52.30	67.90
6/11/2025 13:40:08	61.00	76.20	58.70	76.00

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:40:09	61.40	77.10	60.70	77.00
6/11/2025 13:40:10	64.60	82.50	64.90	82.30
6/11/2025 13:40:11	65.50	88.30	64.10	88.30
6/11/2025 13:40:12	65.90	93.10	65.10	93.10
6/11/2025 13:40:13	76.50	106.50	75.20	106.40
6/11/2025 13:40:14	74.80	91.90	68.00	91.90
6/11/2025 13:40:15	72.60	91.00	68.20	90.90
6/11/2025 13:40:16	71.00	95.30	65.30	95.30
6/11/2025 13:40:17	76.50	103.10	74.40	103.10
6/11/2025 13:40:18	75.40	98.20	69.80	98.10
6/11/2025 13:40:19	72.90	96.00	64.00	96.00
6/11/2025 13:40:20	68.90	93.80	62.60	93.70
6/11/2025 13:40:21	67.10	88.20	63.90	88.00
6/11/2025 13:40:22	66.30	85.70	62.60	85.60
6/11/2025 13:40:23	64.60	84.30	58.20	84.40
6/11/2025 13:40:24	63.40	91.10	62.10	91.10
6/11/2025 13:40:25	64.70	96.90	62.00	96.80
6/11/2025 13:40:26	63.20	90.80	60.80	90.80
6/11/2025 13:40:27	67.90	100.10	65.90	100.10
6/11/2025 13:40:28	66.00	76.40	57.00	76.90
6/11/2025 13:40:29	63.10	77.30	61.10	77.40
6/11/2025 13:40:30	61.90	74.20	57.50	74.40
6/11/2025 13:40:31	60.10	77.30	59.10	77.50
6/11/2025 13:40:32	61.30	88.10	59.40	88.10
6/11/2025 13:40:33	63.70	90.60	62.00	90.50
6/11/2025 13:40:34	62.00	91.20	59.90	91.20
6/11/2025 13:40:35	65.60	95.40	62.90	95.30
6/11/2025 13:40:36	69.90	97.40	70.40	97.40
6/11/2025 13:40:37	70.00	92.20	66.40	92.20
6/11/2025 13:40:38	69.90	94.00	69.20	93.90
6/11/2025 13:40:39	74.10	102.40	72.80	102.40
6/11/2025 13:40:40	75.00	88.30	72.80	88.20
6/11/2025 13:40:41	72.90	95.00	66.20	94.90
6/11/2025 13:40:42	69.60	89.90	62.30	89.90
6/11/2025 13:40:43	68.10	91.50	65.10	91.40
6/11/2025 13:40:44	65.50	69.20	55.80	69.40
6/11/2025 13:40:45	61.90	78.50	59.40	78.60
6/11/2025 13:40:46	61.20	82.10	58.60	82.00
6/11/2025 13:40:47	59.30	76.40	56.60	76.40
6/11/2025 13:40:48	58.40	71.80	55.90	71.50
6/11/2025 13:40:49	57.40	72.40	56.20	72.30
6/11/2025 13:40:50	59.40	86.50	58.90	86.40
6/11/2025 13:40:51	71.40	100.50	69.60	100.50
6/11/2025 13:40:52	68.90	76.60	55.20	76.50
6/11/2025 13:40:53	65.50	86.50	60.70	86.40
6/11/2025 13:40:54	68.30	98.00	67.90	98.00
6/11/2025 13:40:55	67.30	90.50	62.40	90.40
6/11/2025 13:40:56	66.80	92.20	64.50	92.20
6/11/2025 13:40:57	68.80	93.20	68.10	93.10
6/11/2025 13:40:58	67.80	90.00	65.30	90.00
6/11/2025 13:40:59	71.70	100.20	69.60	100.20

Timestamp	Lmax-1	Lpk-1	Lavg-2	Lpk-2
6/11/2025 13:41:00	70.10	96.20	67.00	96.20
6/11/2025 13:41:01	67.80	94.80	65.00	94.80
6/11/2025 13:41:02	67.40	82.50	65.60	82.50
6/11/2025 13:41:03	66.10	78.00	60.50	77.90
6/11/2025 13:41:04	63.30	72.50	56.40	72.20
6/11/2025 13:41:05	60.00	77.50	57.00	77.20
6/11/2025 13:41:06	59.70	75.80	58.30	75.70
6/11/2025 13:41:07	70.40	88.50	65.30	88.50
6/11/2025 13:41:08	70.30	83.20	68.90	83.30
6/11/2025 13:41:09	68.00	82.40	61.80	82.20
6/11/2025 13:41:10	67.80	84.20	66.70	84.30
6/11/2025 13:41:11	65.90	80.90	62.90	81.00
6/11/2025 13:41:12	65.10	85.60	62.70	85.60
6/11/2025 13:41:13	63.00	77.90	61.50	77.80
6/11/2025 13:41:14	62.00	83.20	57.00	83.20
6/11/2025 13:41:15	67.20	95.60	65.10	95.50
6/11/2025 13:41:16	66.40	89.50	63.60	89.50
6/11/2025 13:41:17	67.10	90.60	67.50	90.50
6/11/2025 13:41:18	70.40	99.70	70.00	99.70
6/11/2025 13:41:19	69.80	93.60	65.80	93.60
6/11/2025 13:41:20	68.70	91.50	66.40	91.40
6/11/2025 13:41:21	68.90	82.00	66.40	81.80
6/11/2025 13:41:22	70.70	99.90	68.30	99.90
6/11/2025 13:41:23	69.20	82.20	63.60	82.10
6/11/2025 13:41:24	68.30	96.40	65.30	96.30
6/11/2025 13:41:25	65.60	94.10	61.00	94.10
6/11/2025 13:41:26	65.40	77.00	61.60	77.30
6/11/2025 13:41:27	63.60	87.60	62.60	87.70
6/11/2025 13:41:28	63.80	88.90	62.10	89.00
6/11/2025 13:41:29	67.70	97.40	64.90	97.40
6/11/2025 13:41:30	69.10	93.90	69.80	93.80
6/11/2025 13:41:31	70.90	97.50	69.00	97.50
6/11/2025 13:41:32	68.90	77.90	61.40	77.90
6/11/2025 13:41:33	67.40	90.00	66.30	90.00
6/11/2025 13:41:34	67.00	91.20	65.20	91.10
6/11/2025 13:41:35	72.90	101.00	72.80	100.90
6/11/2025 13:41:36	72.10	97.10	67.30	97.10
6/11/2025 13:41:37	69.70	89.90	67.90	89.90
6/11/2025 13:41:38	69.00	94.60	64.70	94.60
6/11/2025 13:41:39	67.10	89.60	65.00	89.50
6/11/2025 13:41:40	70.30	96.40	68.10	96.40

		Min	50.5
		Leq	66.0
Lmax	82.20	Max	80.0



Administrative Report

F.4., File # PA25-1146

Meeting Date: 8/13/2025

TITLE

RECEIVE AND FILE LIBRARY DIRECTOR'S REPORT

Library Director's Report – August 2025

The Library Director continued to schedule regular meetings with Library Managers to review and address Library related matters and provide communication between departments.

Director Vinke and Circulation Manager, Mario Adame, held a Library Circulation Staff meeting to review and address circulation procedures and matters.

Facilities

Library staff continued to address regular maintenance and minor facility issues as they arose.

Services

The Library is working with IT and Fiscal Services on potential systems that would allow cashless payment at the copier and printer stations.

Library staff met with Innovative representatives to demonstrate the Polaris Integrated Library System (ILS). An ILS is the software that manages circulation, acquisitions, cataloging, and patron registration. The Library currently utilizes SirsiDynix Symphony as its ILS.

Programs

Library staff continued to plan and coordinate public programs for adult and youth for 2025 and 2026.

The main Library building celebrated its 30th birthday in July 2025. A history program was presented on Saturday, July 26 at 11:00am on the origins and history of the Redondo Beach Public Library. The program was well attended with over 70 in attendance.

The Library partnered with the City's Animal Control Services on a towel drive in the month of July. The Library collected hundreds of towels and blankets for shelter animals.

The Summer Reading Finale is scheduled for Saturday, August 23 at 11:00am at North Branch and 2:00pm at Main Library. Participants are invited to enjoy a fabulous science program called Adventure of the Missing Color by Science Heroes.

Outreach

Adult Program Librarian, Amy Feller coordinated outreach for the Library at Anderson Park Senior Center Open House and Veterans Park Senior Center Open House. These outreach opportunities were very successful. Library staff looks forward to participating again next year.

September is Library Card Sign-Up Month. Library staff is coordinating activities and outreach to encourage Library card registration and renewals.

Library staff will provide outreach at the RBPD National Night Out on Saturday, August 10 at 4:00pm at the Redondo Beach Performing Arts Center.

Library is exploring an opportunity to outreach at the Redondo Beach Farmers Market with the support of Friends of the Library volunteers.

Sensory Room

Library staff continued to research the possible addition of a sensory room at the Library. On Friday, July 18, Director Vinke and Youth Services Librarian, Lisa Juarez met with Beach Cities Health District Director of Youth Services, Emory Chen for a tour of Beach Cities allcove site to observe the sensory furniture and equipment on premises as well as the services and programs they provide.

Friends of the Library

Director Vinke attended the monthly Friends of the Library board meeting to update volunteers on Library operations, programs, and provide updates.

Director Vinke, Adult Program Librarian, Amy Feller, and Youth Librarian, Lisa Juarez met with Friends of the Library representatives to discuss potential Friends of the Library outreach and fundraising opportunities.

Open+

Express Library Access (Open+) is in soft launch with several regular patrons now enrolled in the service.

August Library Events

CHILDREN'S CRAFT & LEGO PROGRAMS**

Craft @ MAIN LIBRARY

Meeting Room - 2nd Floor

Tuesday, 8/5 at 3:30pm-4:30pm

Lego Club @ MAIN LIBRARY

Meeting Room - 2nd Floor

Monday, 8/11 & 8/18 at 3:30pm - 4:30pm

Lego Club @ NORTH BRANCH LIBRARY

Meeting Room

Thursday, 8/14 at 3:30pm-4:30pm

Craft @ NORTH BRANCH LIBRARY

Meeting Room

Thursday, 8/21 at 3:30pm - 4:30pm

**Limit of 40 individuals **

STORYTIMES & SPECIAL PROGRAMS @ NORTH BRANCH LIBRARY

Block Party for 0-5 year olds

Tuesday, 8/5 at 3:30pm – 4:00pm

Choose Your Own Activity @ North Branch Library

Thursday, 8/7 at 3:30pm-4:30pm

Officer Sharon and K9 Cadbury Storytime

Monday, 8/11 at 2:00pm-2:30pm

Storytime Room

Music and Movement with Dance 1

Wednesday, 8/13 at 3:30pm-4:00pm

LA King's Mascot Bailey & The Ice Crew Storytime

Tuesday, 8/19 at 3:30pm-4:00pm

Bilingual Storytime with NIHAO Chinese School

Wednesday, 8/20 at 3:30pm-4:00pm

Supercharged Storytime for ages 2-6

Tuesday, 8/26 at 3:30pm-4:10pm

**Limit of 40 individuals **

SHELF CARE: BOOK CLUB @ NORTH BRANCH LIBRARY

Monday, August 25 at 11:15am – 12:15pm

A Walk In The Woods by Bill Bryson

An in-person book club. Read the book and talk about it, or just learn more about the book. *Coffee is generously funded by the Friends of the Redondo Beach Library.*

SPECIAL CHILDREN'S PROGRAMS@MAIN LIBRARY**

Music Together

Monday, 8/4 at 11:30am-Noon - Meeting Room - Floor 2

Rainbow Storytime

Tuesday, 8/5 at 11:30am-Noon - Storytime Room

Redondo Beach Police Department Storytime

Wednesday, 8/6 at 1:00pm-1:30pm - Storytime Room

Local Author Storytime with Paula Swearingen

Saturday, 8/9 at 2:00pm-2:30pm - Storytime Room

Block Party for 0-5 Year Olds

Thursday, 8/14 at 11:15am-11:45am - Storytime Room

Level Up Game Day

Saturday, 8/16 at 11:00am-12:30pm

Main Library - 2nd Floor Meeting Room

Dos Idiomas, Un Libro: Bilingual Spanish Storytime

Wednesdays, 8/27 at 4:15pm-4:45pm

Storytime Room

**Limit of 40 individuals **

STORYTIMES - MAIN LIBRARY **

Storytime Room

Walkers & Talkers Storytime for 1-5 year-olds

Wednesday, August 27 at Noon -12:30pm

A Storytime for 1-5 year olds and their caregivers & siblings- full of early literacy concepts, songs, rhymes, movement, and fun!

Baby Lapsit (0 to 18 months)

Thursday, August 28 at 11:15am-11:45am

We welcome babies 0-18 months and their caregivers to join us for a fun indoor storytime full of songs, rhymes, and finger plays!

**Limit of 40 individuals **

SUMMER READING PROGRAM

YOU CAN SIGN UP THROUGH AUGUST 23

Children, Teens and Adults can sign-up at both the Main Library and the North Branch Library.

Our Theme is: *Level Up At Your Library*

The Friends of the Redondo Beach Public Library has generously funded the SRP program.

Redondo Beach Main Library
303 N. Pacific Coast Hwy
Redondo Beach, CA 90277

Redondo Beach North Branch Library
2000 Artesia Blvd
Redondo Beach, CA 90278



<https://library.redondo.org>
(310) 318-0675

2025
214
Over...

August Library Events

ADULT BOOK DISCUSSION *Zoom program*

A Redondo Beach Librarian will lead the discussion.

Tuesday, August 12 at 6:30pm - 7:30pm

The Women by Kristin Hannah

Free virtual program, registration is required. **Register at: <https://library.redondo.org> or Click on events calendar; click on program date; click on register for this event.

DRIVER SAFETY BEHIND THE WHEEL PRESENTED BY THE FOUNDATION FOR SENIOR SERVICES

Thursday, August 14, 11:30am - 12:30pm
Main Library - 2nd Floor Meeting Room

Will you pass your next test? What are the new rules? How do you know when it is time to stop driving? Learn about transportation alternatives. The Foundation for Senior Services goal is to meet the needs of the senior population and to keep seniors living safely and well cared for in their homes for as long as possible.

FAMILY MOVIE EVENT @ MAIN LIBRARY "A MINECRAFT MOVIE"

AUGUST 12 AT 3:00PM - 5:00PM

Main Library - 2nd Floor Meeting Room

**Limit of 40 individuals **

TEEN PROGRAMS - *Grades 6th - 12th*

**Teen Program - Make Your Own Video Games
@ North Branch Library**

Tuesday, 8/12 at 3:00pm-4:00pm

**Teen Program - Super Smash Brothers Tournament
@ Main Library ***

Wednesday, 8/13 at 2:00pm-3:30pm

*Tournament play is limited to 16 participants. Registration for tournament play is required. The link to register can be found on the online calendar and will be live on 8/1/2025 at 8:00am. There will be a second console setup for casual play. Registration is not required for casual play.

SOUTH WEST MANUSCRIPTERS WRITERS GROUP

Saturday, August 2 at 10:30am - Noon

Main Library - 2nd Floor Conference Room

A support group for writers to help them network and exchange information.

POETRY WORKSHOP WITH LINDA NEAL

Saturday, August 9 at 10:30am - Noon

Main Library - 2nd Floor Conference Room

In-person poetry workshop for all levels of poets. Come for inspiration and collaboration.

STITCH & SEW REDONDO @NORTH BRANCH LIBRARY

Saturday, August 2 - 11:00am - 2:00pm

*Materials and sewing machines are not provided. Participants are encouraged to bring items or projects that they are working on to the program to get tips or pointers.

CHILDREN'S SUMMER READING PROGRAM FINALE PARTY WITH SCIENCE HEROES "Adventure of the Missing Color"

AUGUST 23

Finale tickets are required to attend this program. Children earn a ticket by completing the Summer Reading Program and submitting the reading log to a reference librarian. Families can attend the program at either the Main Library or the North Branch Library

North Branch Library - 11:00am-Noon

Or

Main Library - 2:00pm - 3:00pm

INSTRUMENT PETTING ZOO WITH THE LONG BEACH SYMPHONY

Children and parents learn about each instrument family and have the unique opportunity to explore the foundation of an orchestra.

**AUGUST 8 @ MAIN LIBRARY
2:00PM - 3:00PM**

**AUGUST 9 @ NORTH BRANCH LIBRARY
11:00AM - NOON**

**Limit of 40 individuals **

Redondo Beach Main Library
303 N. Pacific Coast Hwy
Redondo Beach, CA 90277

Redondo Beach North Branch Library
2000 Artesia Blvd
Redondo Beach, CA 90278



<https://library.redondo.org>
(310) 318-0675

Digital Circulation 2025-2026 and 2024-2025

2025-26	July	August	September	October	November	December	January	February	March	April	May	June	Total
Overdrive/Libby	2,917												2,917
Ebooks	870												870
Eaudiobooks	904												904
Magazines	1,143												1,143
Other/Video	0												0
Hoopla	2,772												2,772
Ebooks	1,119												1,119
Eaudiobooks	988												988
Bingepass	46												46
Comics	227												227
Movies	199												199
Music	80												80
Television	113												113
Kanopy	699												699
Total													6,388

2024-25	July	August	September	October	November	December	January	February	March	April	May	June	Total
Overdrive/Libby	1,686	2,589	2,355	2,491	2,422	2,537	2,778	2,511	2,672	2,643	2,734	2,762	30,180
Ebooks	623	960	898	891	824	927	969	804	859	785	809	821	10,170
Eaudiobooks	455	729	726	762	726	747	891	778	764	744	733	770	8,825
Magazines	606	899	730	836	870	861	917	926	1,045	1,114	1,191	1,171	11,166
Other/Video	2	1	1	2	2	2	1	3	4	0	1	0	19
Hoopla	2,996	2,898	2,658	2,614	2,656	2,533	2,832	2,694	2,977	2,703	2,700	2,749	33,010
Ebooks	964	1,135	1,088	1,083	1,044	1,009	1,172	1,055	1,186	1,034	1,030	1,046	12,846
Eaudiobooks	1,484	1,286	1,017	997	1,029	986	1,090	1,042	1,136	1,023	1,037	1,018	13,145
Bingepass	18	18	18	22	27	25	31	39	46	46	49	36	375
Comics	213	171	176	211	234	190	234	217	280	229	224	275	2,654
Movies	167	136	189	160	160	168	152	177	152	193	187	183	2,024
Music	63	72	79	54	92	80	70	68	89	91	62	75	895
Television	87	80	91	87	70	75	83	96	88	87	111	116	1,071
Kanopy	756	701	775	774	851	841	1046	671	783	738	586	692	9,214
Total													72,404

PROGRAMS/PARTICIPANTS

2025-26	JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
	MAIN	NORTH	MAIN	NORTH	MAIN	NORTH	MAIN	NORTH	MAIN	NORTH	MAIN	NORTH
ADULT PROGRAMS	6	2										
ADULT PARTICIPANTS	166	21										
TEEN PROGRAMS	1	1										
TEEN PARTICIPANTS	11	17										
CHILDREN'S PROGRAMS	23	13										
CHILD PARTICIPANTS	609	460										
OFFSITE	6	0										
OFFSITE PARTICIPANTS	505	0										
TOTAL PROGRAMS	30	16										
TOTAL PARTICIPANTS	875	498										

	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		TOTAL
	MAIN	NORTH	MAIN	NORTH	MAIN	NORTH	MAIN	NORTH	MAIN	NORTH	MAIN	NORTH	
ADULT PROGRAMS													8
ADULT PARTICIPANTS													187
TEEN PROGRAMS													2
TEEN PARTICIPANTS													28
CHILDREN'S PROGRAMS													36
CHILD PARTICIPANTS													1,069
OFFSITE													6
OFFSITE PARTICIPANTS													505
TOTAL PROGRAMS													46
TOTAL PARTICIPANTS													1,373

PROGRAMS/PARTICIPANTS

2024-25	JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		
	MAIN	NORTH	MAIN	NORTH	MAIN	NORTH	MAIN	NORTH	MAIN	NORTH	MAIN	NORTH	
ADULT PROGRAMS	7		4		9		6		2	8	0	2	0
ADULT PARTICIPANTS	139		87		154		82		15	123	0	15	0
TEEN PROGRAMS	4	1	2	1	10	2	4	1	2	2	1	2	1
TEEN PARTICIPANTS	79	5	27	3	113	28	28	0	13	0	13	5	
CHILDREN'S PROGRAMS	19	10	18	11	16	12	20	10	15	11	34	13	
CHILD PARTICIPANTS	657	250	466	342	253	226	802	214	126	156	368	118	
OFFSITE	0	0	2	0	0	0	0	0	0	0	1	0	
OFFSITE PARTICIPANTS	0	0	1200	0	0	0	0	0	0	0	500	0	
TOTAL PROGRAMS	30	11	26	12	35	14	32	13	25	12	39	14	
TOTAL PARTICIPANTS	875	255	1780	345	520	254	927	229	262	156	896	123	

	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		TOTAL
	MAIN	NORTH	MAIN	NORTH	MAIN	NORTH	MAIN	NORTH	MAIN	NORTH	MAIN	NORTH	
ADULT PROGRAMS	6	1	9	3	8	2	10	3	8	3	7	1	99
ADULT PARTICIPANTS	65	6	111	48	268	19	359	126	164	32	151	9	1973
TEEN PROGRAMS	1	1	2	1	2	1	2	1	5	1	3	2	53
TEEN PARTICIPANTS	30	5	20	6	11	0	24	18	74	6	18	35	561
CHILDREN'S PROGRAMS	14	9	14	8	14	9	13	8	17	10	11	7	323
CHILD PARTICIPANTS	349	248	422	212	314	243	318	229	544	224	1996	198	9275
OFFSITE	0	0	0	0	2	0	2	0	4	0	0	0	11
OFFSITE PARTICIPANTS	0	0	0	0	150	0	250	0	1440	0	0	0	3540
TOTAL PROGRAMS	21	11	25	12	26	12	27	12	34	14	21	10	488
TOTAL PARTICIPANTS	444	259	553	266	743	262	951	373	2222	262	2165	242	15364

REDONDO BEACH PUBLIC LIBRARY

PUBLIC AMENITIES COMMISSION

Statistics 2025-2026

		JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
2025-26	GATE COUNT													
	MAIN LIBRARY	14,492												14,492
	NORTH BRANCH	5,908												5,908
	TOTAL	20,400	0	0	0	0	0	0	0	0	0	0	0	20,400
2024-25	MAIN LIBRARY	11,925	14,168	13,728	14,006	10,890	9,617	14,231	12,436	13,424	14,812	13,862	13,899	156,998
	NORTH BRANCH	4,593	4,032	4,014	4,096	3,297	2,780	3,615	3,513	3,886	3,831	3,852	3,641	45,150
	TOTAL	16,518	18,200	17,742	18,102	14,187	12,397	17,846	15,949	17,310	18,643	17,714	17,540	202,148
2025-26	REGISTRATION													
	MAIN LIBRARY	548												548
	NORTH BRANCH	10												10
	TOTAL	558	0	0	0	0	0	0	0	0	0	0	0	558
2024-25	MAIN LIBRARY	502	495	456	402	374	297	470	379	430	396	382	547	5130
	NORTH BRANCH	12	5	6	7	6	2	4	3	2	3	3	4	57
	TOTAL	514	500	462	409	380	299	474	382	432	399	385	551	5187
2025-26	CIRCULATION													
	MAIN LIBRARY	27,608												27,608
	NORTH BRANCH	8,909												8,909
	TOTAL	36,517	0	0	0	0	0	0	0	0	0	0	0	36,517
2024-25	MAIN LIBRARY	25,969	25,207	22,461	22,833	20,852	17,736	19,946	19,817	22,915	22,238	18,690	23,860	262,524
	NORTH BRANCH	9,771	8,321	8,036	7,749	7,581	5,800	6,209	6,289	7,391	6,740	6,343	7,414	87,644
	TOTAL	35,740	33,528	30,497	30,582	28,433	23,536	26,155	26,106	30,306	28,978	25,033	31,274	350,168



Administrative Report

H.1., **File #** PA25-1153

Meeting Date: 8/13/2025

TITLE

For eComments and Emails Received from the Public



Administrative Report

J.1., File # PA25-1129

Meeting Date: 8/13/2025

To: PUBLIC AMENITIES COMMISSION

From: STEVEN GIANG, SENIOR PLANNER

TITLE

A PUBLIC HEARING CONSIDERING A CEQA EXEMPTION DECLARATION AND CERTIFICATE OF APPROPRIATENESS APPLICATION FOR THE DEMOLITION OF A POTENTIALLY HISTORIC SINGLE-FAMILY RESIDENTIAL STRUCTURE, AND SEPARATE CONSIDERATION OF REMOVAL FROM THE POTENTIAL HISTORIC RESOURCES LIST AT 1811 CLARK LANE, PURSUANT TO CHAPTER 4, TITLE 10 OF THE REDONDO BEACH MUNICIPAL CODE.

APPLICANT: Ronald Carl Seydel

ADDRESS: **1811 Clark Lane**

APPLICATION NO: 2025-0091

RECOMMENDATION:

1. Open public hearing and administer oath;
2. Take testimony from staff, applicant, and interested parties;
3. Close public hearing and deliberate; and
4. Adopt a resolution by title only approving the request to remove the property from the Potential Historic Resources List subject to the findings and conditions contained therein, but if denied; then
5. Adopt a resolution by title only approving the Certificate of Appropriateness for the demolition of the residence at 1811 Clark Lane.

A. A RESOLUTION OF THE PUBLIC AMENITIES COMMISSION OF THE CITY OF REDONDO BEACH, CALIFORNIA APPROVING THE REMOVAL OF A PROPERTY AT 1811 CLARK LANE FROM THE POTENTIALLY HISTORIC RESOURCES INVENTORY, PURSUANT TO CHAPTER 4, TITLE 10 OF THE REDONDO BEACH MUNICIPAL CODE.

B. A RESOLUTION OF THE PUBLIC AMENITIES COMMISSION OF THE CITY OF REDONDO BEACH, CALIFORNIA APPROVING A CEQA EXEMPTION DECLARATION AND CERTIFICATE OF APPROPRIATENESS THE DEMOLITION OF A POTENTIALLY HISTORIC SINGLE-FAMILY RESIDENTIAL STRUCTURE AT 1811 CLARK LANE, PURSUANT TO CHAPTER 4, TITLE 10 OF THE REDONDO BEACH MUNICIPAL CODE.

EXECUTIVE SUMMARY:

The residence located at 1811 Clark Lane is currently on the Potential Historic Resource List with a rating of A. The homeowner wishes to demolish the residence and has commissioned a professional historic resource evaluation, which concludes that the property does not meet the necessary criteria

to qualify as a historic resource. Two separate resolutions have been prepared for consideration, one to remove the property from the Potential Historic Resource List and the second for demolition of the residence. The Public Amenities Commission (PAC) has the following two options:

1. Approve the Resolution 'A' to delist the property from the Potential Historic Resources List. If approved no further action is required on Resolution 'B'.
2. Deny Resolution 'A' to delist the property from the Potential Historic Resource List. If denied the PAC must then consider and take action on Resolution 'B' to demolish a residence on the Potential Historic Resources List

BACKGROUND:

The property at 1811 Clark Lane is located within the North Redondo Beach area of Redondo Beach, California, specifically in the Redondo Villa Tract, recorded in 1905. It is positioned in a residential neighborhood that has significantly evolved since its initial subdivision. Originally subdivided by George Peck, the area was marketed for modest single-family homes rather than agriculture. The property, constructed in 1929, is situated mid-block on an 8,250-square-foot lot and contains a one-story bungalow and a detached garage.

Though originally classified as a Craftsman cottage in the 1996 Historic Resource Survey, the recent comprehensive analysis by Kaplan Chen Kaplan (May 12, 2025) has found that the building lacks significant Craftsman architectural features. This evaluation highlighted alterations including non-original aluminum sliding windows, later-added scalloped edging, and attached shutters, features that do not align with Craftsman or any historic architectural style.

The property was never significantly associated with historic persons, events, agriculture, or the broader historical development patterns of North Redondo Beach. Surrounding development over time has further altered the historic setting, introducing modern, multi-family residential structures that contrast significantly with the original modest single-family residences.

The Public Amenities Commission is considering two mutually exclusive actions for the property at 1811 Clark Lane. The first action is to formally remove the property from the Potential Historic Resource List based on evidence provided in the May 2025 Kaplan Chen Kaplan Historic Resource Evaluation, demonstrating the property lacks historic significance and integrity. If the Commission approves this Resolution no action is required. If the Commission denies the request to delist, then it must consider the issuance of a Certificate of Appropriateness for demolition, based on specific project criteria in the Redondo Beach Municipal Code.

Resolution 'A' - Removal of a property from the potentially historic resource list.

The property owner of a property identified by the City as a potential historic resource may request that the property be removed from the list if they provide *“specific written and verifiable documentation refuting that the property meets the criteria for designation as a landmark as described herein”* (RBMC 10-4.311).

The Kaplan Chen Kaplan report concludes that the property fails to meet any of the landmark designation criteria. There is no evidence of association with significant events or persons, the house

lacks defining Craftsman-style features and was neither designed by a master nor serves as a local landmark, and it has been altered to the point that it conveys no historic aesthetic value.

Moreover, the building lacks integrity across all seven “aspects of integrity” its design, materials, workmanship, setting, feeling, and association have been irreversibly compromised thus leaving no essential historic elements to preserve. In light of these findings, staff concludes the structure does not warrant potential-resource status and recommends its removal from the Potential Historic Resource List.

Resolution 'B' - Certificate of Appropriateness to demolish the single-family residence

To review the proposed demolition, the Commission shall issue a certificate of appropriateness only when it determines one of the conditions below to exist.: In this case, staff has determined that the request meets criteria #5.

#1 The structure and/or site is a hazard to public health or safety and repairs or stabilization are not physically possible; or

Not applicable, the structure is not at risk of structural failure, decay, safety hazards, or stabilization issues.

#2 The site is required for a public use which will be of more benefit to the public than the historic resource, and there is no feasible alternative location for the public use;

Not applicable, the site is not under review to be used as a public facility nor are any alternative locations being proposed.

#3 Removal of the resource to another site is not feasible or practical;

The house sits mid-block on a narrow 50 ft-wide lot. Moving the structure would require a multi-phase operation (roof removal, street closures on two one-way lanes, and coordination with five adjacent owners) with a cost that would far outweighing any salvage value for this non-character-defining building. Additionally, relocation of structures general destroys integrity. Given these constraints, relocation is not practical.

#4 For a building in an historic district, the proposed replacement structure will not detract from or adversely affect the character of the historic district;

Not applicable, the subject property is not within an historic district, this criterion cannot be applied.

#5 For a partial demolition or removal, such action will not result in the loss of the essential elements that make the resource significant.

The proposed demolition at 1811 Clark Lane meets the finding because the structure does meet the criteria to qualify as historically significant. As outlined in the historic resource evaluation by Kaplan Chen Kaplan, the property lacks character-defining features of the

Craftsman style, has undergone numerous non-original alterations (including replacement windows and decorative additions), and is not associated with any significant historic events, persons, or architectural achievements. The evaluation concluded that the building does not meet local, state, or national criteria for historic designation. Therefore, the demolition will not result in the loss of any significant architectural or historical features, as none are present to preserve.

ATTACHMENTS

- a. Draft Resolution 'A'
- b. Draft Resolution 'B'
- c. Kaplan Chen Kaplan Historic Resource Evaluation
- d. CEQA Exemption Declaration
- e. Application for Certificate of Appropriateness

RESOLUTION NO. 2025-08-PA-XX

A RESOLUTION OF THE PUBLIC AMENITIES COMMISSION OF THE CITY OF REDONDO BEACH, CALIFORNIA APPROVING THE REMOVAL OF A PROPERTY AT 1811 CLARK LANE FROM THE POTENTIALLY HISTORIC RESOURCES INVENTORY, PURSUANT TO CHAPTER 4, TITLE 10 OF THE REDONDO BEACH MUNICIPAL CODE.

WHEREAS, the property located at 1811 Clark Lane, Redondo Beach, California, APN 4161-001-017, was included in the City of Redondo Beach Potential Historic Resources Inventory based on a 1996 survey that identified it as a potentially significant example of Craftsman-style architecture; and

WHEREAS, the applicant, Ronald Seydel, has submitted a request for removal of the historic resource designation; and

WHEREAS, pursuant to Section 10-4.311 of the Redondo Beach Municipal Code, a property may be removed from the inventory if verifiable documentation is provided that refutes its eligibility for landmark designation; and

WHEREAS, the applicant submitted a Historic Resource Evaluation Report, dated May 12, 2025, prepared by Kaplan Chen Kaplan, which concluded that the property at 1811 Clark Lane does not meet any of the criteria for designation as a City Landmark, nor does it meet the eligibility criteria for listing on the California Register of Historical Resources or the National Register of Historic Places; and

WHEREAS, on August 13, 2025, the Public Amenities Commission of the City of Redondo Beach held a public hearing to consider the application, at which time all interested parties were given an opportunity to be heard and to present evidence.

NOW, THEREFORE, THE PUBLIC AMENITIES COMMISSION OF THE CITY OF REDONDO BEACH DOES HEREBY FIND AS FOLLOWS:

SECTION 1. That the proposal to remove the property from the potential historic resource list is appropriate. The property owner of 1811 Clark Lane has submitted specific, written, and verifiable documentation contesting its inclusion on the Potential Historic Resources List. Based on the Kaplan Chen Kaplan report provided by the applicant, the Commission finds that there is no evidence of association with significant events or persons; that the house lacks defining Craftsman-style features, was not designed by a recognized master architect, and does not function as a local landmark; that the structure has been altered to the point that it conveys no historic aesthetic value; and that all seven “aspects of integrity”, design, materials, workmanship, setting, feeling, and association, have been irreversibly compromised. Accordingly, 1811 Clark

Lane fails to meet any of the criteria for designation as a landmark or potential historic resource, and its removal from the Potential Historic Resources List is appropriate.

SECTION 2. The Public Amenities Commission hereby approves the request to remove the property located at 1811 Clark Lane from the City of Redondo Beach Potential Historic Resources Inventory

PASSED, APPROVED AND ADOPTED this 13th day of August, 2025.

Preservation Commission Chair
City of Redondo Beach

The foregoing resolution was adopted on August 13, 2025 by the following vote:

AYES:

NOES:

ABSENT:

APPROVED AS TO FORM:

City Attorney's Office

RESOLUTION NO. 2025-08-PA-XX

A RESOLUTION OF THE PUBLIC AMENITIES COMMISSION OF THE CITY OF REDONDO BEACH, CALIFORNIA APPROVING A CEQA EXEMPTION DECLARATION AND CERTIFICATE OF APPROPRIATENESS THE DEMOLITION OF A POTENTIALLY HISTORIC SINGLE-FAMILY RESIDENTIAL STRUCTURE AT 1811 CLARK LANE, PURSUANT TO CHAPTER 4, TITLE 10 OF THE REDONDO BEACH MUNICIPAL CODE.

WHEREAS, the property located at 1811 Clark Lane, Redondo Beach, California, APN 4161-001-017, is currently identified as a potentially historic resource on the City's Potential Historic Resources Inventory; and

WHEREAS, an application was filed by Ronald Seydel for a Certificate of Appropriateness to permit the demolition of one residential structure in an existing designated historic district located at 1811 Clark Lane, pursuant to Chapter 4, Title 10 of the Municipal Code; and

WHEREAS, pursuant to Section 10-4.403 of the Redondo Beach Municipal Code, the Public Amenities Commission must evaluate a Certificate of Appropriateness for demolition against five specific criteria; and

WHEREAS, notice of the time and place of the public hearing was given according to the requirements of law; and

WHEREAS, on August 13, 2025, the Public Amenities Commission of the City of Redondo Beach held a public hearing to consider the applications, at which time all interested parties were given an opportunity to be heard and to present evidence.

NOW, THEREFORE, THE PUBLIC AMENITIES COMMISSION OF THE CITY OF REDONDO BEACH, CALIFORNIA, DOES HEREBY RESOLVE AS FOLLOWS:

SECTION 1. Based upon the findings contained herein, a Certificate of Appropriateness is hereby approved for the demolition of the existing structure at 1811 Clark Lane, including removal of all exterior improvements and architectural features, in accordance with the submitted application and plans to the extent specified and represented therein, except as such work may be amended or modified by conditions set forth below.

SECTION 2. Pursuant to Article 2, Chapter 3, Title 10, of the Redondo Beach Municipal Code, the proposed project has been determined to be categorically exempt

from the requirements of the California Environmental Quality Act (CEQA), and an exemption declaration to this effect has been prepared and filed.

SECTION 3. As conditioned below, the proposed demolition of the existing structure at 1811 Clark Lane conforms to the prescriptive standards adopted by the Preservation Commission and will not detrimentally alter, destroy, or adversely affect any exterior improvement or architectural feature of historic significance, as the Commission has determined that the property lacks association with significant events or persons, contains no defining Craftsman–style elements, and has irreversibly lost all aspects of integrity.

SECTION 4. This Certificate is approved on the basis of, and shall only be operative with, the applicant’s compliance with the conditions listed below. Failure by the applicant or his/her successors in interest to comply with these conditions shall provide a basis for initiating enforcement proceedings pursuant to Article 7, Chapter 4, Title 10 of the Redondo Beach Municipal Code.

1. The approval granted herein is for the demolition of the existing structure at 1811 Clark Lane, including removal of all exterior improvements and architectural features, approved by the Public Amenities Commission at its meeting on August 13, 2025.
2. No other work is authorized herein. If additional work outside of the scope of work identified on the plans is necessary, the applicant shall immediately contact Planning Staff prior to starting any work.
3. The Planning Division shall be authorized to approve minor changes, and shall inform the Commission of any such changes.
4. The applicant shall comply with all applicable requirements and obtain all necessary permits from the Building Division, Engineering Division, Fire Department, and any other agency with jurisdiction over the project.
5. In the event of a disagreement in the interpretation and/or application of these conditions, the issue shall be referred back to the Preservation Commission for a decision. The decision of the Commission shall be final.
6. Work performed shall be verified against plans submitted. If modifications to plans are necessary, amended plans shall be submitted prior to a change occurring, and subject to the approval of the Building and Planning Divisions as minor alterations, and the Public Amenities Commission, if deemed necessary for major changes.
7. Any deviations from the approved plans, and any future work needed to the site, shall be submitted and reviewed by the City’s Planning Division. Major alterations

require Public Amenities Commission review. No future rehabilitation work may take place at the designated property without Planning Division review and approval.

PASSED, APPROVED AND ADOPTED this 13th day of August, 2025.

Preservation Commission Chair
City of Redondo Beach

The foregoing resolution was adopted on August 13, 2025 by the following vote:

AYES:

NOES:

ABSENT:

APPROVED AS TO FORM:

City Attorney's Office

**1811 Clark Lane
Redondo Beach, California
Historic Resource Evaluation**

May 12, 2025

Submitted by:

**Kaplan Chen Kaplan
2526 Eighteenth Street
Santa Monica, CA 90405**

**David Kaplan, Principal
Pam O'Connor, Architectural Historian**

Table of Contents

Executive Summary and Purpose	1
Summary of Research and Field Methodology	1
Regulatory Framework	2
Property Location and Setting	6
Development History of 1800 block of Clark Lane	9
Property History and Description	12
Historic Contexts	16
Review of Previous Surveys	20
Evaluation of Significance	21
Conclusion	24
References	25

Attachments

- Attachment A: Photographs
- Attachment B: Maps
- Attachment C: Permits
- Attachment D: Historic Aerials and Sanborn Insurance Maps
- Attachment E: 1996 DPR Survey Form

EXECUTIVE SUMMARY AND PURPOSE

This report, completed by Kaplan Chen Kaplan (KCK), presents the findings of an historic resource assessment conducted for the property at 1811 Clark Lane, located in the City of Redondo Beach. The purpose of the report is to evaluate the property to determine whether it can be removed from the City of Redondo Beach Historic Resource Survey Inventory List of 1996.

The dwelling at 1811 Clark Lane was constructed in 1929 in the Redondo Villa Tract in North Redondo Beach. The Tract was subdivided and recorded in 1905. The property is not associated with the early development of North Redondo Beach.

The property contains a simple bungalow and garage. The 1996 Inventory identified the building as of the Craftsman architectural style. An intensive review of the dwelling provided in this report shows that the dwelling does not possess character-defining features of the Craftsman architectural style. The dwelling is not representative of any historic architectural style.

The property is not associated with the agricultural/farming history of the area. The parcels in the Redondo Villa Tract and the subject block were sized for individual single-family dwellings; they were not large parcels sized for farming. There is no evidence that the building has any association with early agriculture.

There are no historic persons or events associated with the property.

Based on the evidence, analyses and evaluation presented in the report below, the property at 1811 Clark Lane does not meet the criteria to be eligible as a City of Redondo Beach Landmark nor does it meet the criteria for inclusion on the National Register of Historic Places, or to the California Register of Historical Resources.

SUMMARY OF RESEARCH AND METHODOLOGY

A comprehensive methodology for researching the development history of properties and evaluation of the research to determine potential historic eligibility included conducting the following activities:

- Field review of subject properties in April 2025
- Field review of adjacent area in April 2025
- Photography of subject properties and adjacent area
- Building Permit Research
- Assessor data research
- Review of Redondo Beach Historic Context Statement
- Review of Redondo Beach Historic Preservation Plan
- Research online databases and sources
- Review of Redondo Beach Library Local History sources
- Research Los Angeles Public Library online resources
- Review of City Directories
- Review of aerial and topographic maps

- Research online photographic databases
- Research historic newspaper databases
- Review of SurveyLA Historic Contexts
- Evaluation of properties in accordance with federal, state, and local eligibility criteria

All the field data and research data were analyzed and evaluated by an architectural historian who meets the Secretary of the Interior's Professional Qualification Standards for Historic Preservation and by an architect who meets the Professional Qualification Standards for Historic Architect.

REGULATORY FRAMEWORK

The importance of historic resources has been recognized by federal, state, and local governments through programs and legislation that identify and recognize buildings, structures, object, landscapes, and districts that possess historic significance.

California Environmental Quality Act

The California Environmental Quality Act (CEQA) considers historical resources part of the environment. A project that may cause a substantial adverse effect on the significance of an historical resource may have a significant effect on the environment. A property that is eligible for listing in the California Register of Historical Resources, is listed in a local register of historical resources, or has been identified as historically significant in an historic resources survey that meets specific criteria is considered a historical resource under CEQA. In order to determine if a property is a potential historical resource, it must be evaluated for its eligibility for inclusion on the National Register of Historic Places, the California Register of Historical Resources and/or as a local historical resource.

National Register of Historic Places

The National Historic Preservation Act (NHPA) of 1966 established the National Register of Historic Places (National Register) as an authoritative guide "used by Federal, State, and local governments, private groups and citizens to identify the Nation's cultural resources and indicate what properties should be afforded protection from destruction or impairment."¹ Buildings, districts, sites and structures may be eligible for listing in the National Register if they possess significance at the national, state or local level in American history, culture, architecture or archeology, and in general, are over 50 years old. Significance is evaluated using established criteria:

- A. Are associated with events that have made a significant contribution to the broad patterns of our history; or
- B. Are associated with the lives of persons significant in our past; or
- C. Embody the distinctive characteristics of a type, period, or method of construction or that represent the work of a master, or that possess high

¹36 Code of Federal Regulations, Section 60.

- artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- D. Yield, or may be likely to yield, information important in prehistory or history.

Significance of Association National Register Bulletin 32, Guidelines for Evaluating and Documenting Properties Associated with Significant Persons, provides guidance on evaluating potential historic association with people who have “made contributions or played a role that can be justified as significant.” For association with leaders or prominent families it is necessary “to explain their significant accomplishments” and they “must be compared to those of others who were active, successful, prosperous, or influential in the same field.” Most properties nominated for associations with significant persons also are nominated for other reasons and most properties nominated under the association criterion are also significant in the area of architecture or for the area in which the individual(s) achieved recognition.

National Register Bulletin 32 adds that the fact that we value certain professions or the contributions of certain groups historically does not mean that every property associated with or used by a member of that group is significant. Associations with one or more individuals in a particular profession, economic or social class, or ethnic group will not automatically qualify a property. The contribution must be distinctive: it is not enough to show that an individual has acquired wealth, run a successful business, or held public office, unless any of these accomplishments, or their number or combination, is a significant achievement in the community in comparison with the activities and accomplishments of others.

Historic Context. A resource must also be significant within an historic context. *National Register Bulletin 15* states that an historic context explains “those patterns, themes, or trends in history by which a specific...property or site is understood and its meaning...is made clear.” To be determined eligible for listing on the National Register a property must possess significance within a historic context and possess integrity.

Historic District. According to *National Register Bulletin 15*, an historic district derives its importance from being a unified entity whose identity as a district “results from the interrelationship of its resources, which can convey a visual sense of the overall historic environment.” An historic district is “a definable geographic area that can be distinguished from surrounding properties by changes such as density, scale, type, age, style of sites, buildings, structures, and objects, or by documented differences in patterns of historic development or associations...the boundaries must be based upon a shared relationship among the properties constituting the district.”²

Aspects of Integrity

The National Park Service Bulletin, *How to Apply the National Register Criteria for Evaluation*, defines seven “aspects of integrity” and provides technical information on their application. Integrity is defined as “the ability of a property to convey its significance.” To “retain historic integrity a property will always possess several, and usually most, of the aspects.” For resources that are significant for their association with historic events or persons to be eligible for the National Register the resource must

² National Register Bulletin 15, *How to Apply the National Register Criteria for Evaluation*, pp. 5-6, <https://www.nps.gov/nr/publications/bulletins/pdfs/nrb15.pdf>

retain “the essential physical features that made up its character or appearance during the period of its association with the important event, historical pattern, or person.” For resources that are evaluated historic for their style or construction the “property important for illustrating a particular architectural style or construction technique must retain most of the physical features that constitute that style or technique.

For a historic district to retain integrity as a whole, “the majority of the components that make up the district’s historic character must possess integrity even if they are individually undistinguished. In addition, the relationships among the district’s components must be substantially unchanged since the period of significance. When evaluating the impact of intrusions upon the district’s integrity, take into consideration the relative number, size, scale, design, and location of the components that do not contribute to the significance. A district is not eligible if it contains so many alterations or new intrusions that it no longer conveys the sense of a historic environment.”

The National Register recognizes seven aspects or qualities associated with integrity that, in various combinations, define integrity: feeling, association, workmanship, location, design, setting, and materials.

1. *Location* is the place where the historic property was constructed or the place where the historic event occurred. The relationship between the property and its location is often important to understanding why the property was created or why something happened. The actual location of a historic property, complemented by its setting, is particularly important in recapturing the sense of historic events and persons. Except in rare cases, the relationship between a property and its historic associations is destroyed if the property is moved.

2. *Design* is the combination of elements that create the form, plan, space, structure, and style of a property. It results from conscious decisions made during the original conception and planning of a property (or its significant alteration) and applies to activities as diverse as community planning, engineering, architecture, and landscape architecture. Design includes such elements as organization of space, proportion, scale, technology, ornamentation, and materials. A property's design reflects historic functions and technologies as well as aesthetics. It includes such considerations as the structural system; massing; arrangement of spaces; pattern of fenestration; textures and colors of surface materials; type, amount, and style of ornamental detailing; and arrangement and type of plantings in a designed landscape.

3. *Setting* is the physical environment of a historic property. Whereas location refers to the specific place where a property was built or an event occurred, setting refers to the character of the place in which the property played its historic role. It involves how, not just where, the property is situated and its relationship to surrounding features and open space.

4. *Workmanship* is the physical evidence of the crafts of a particular culture or people during any given period in history or prehistory. It is the evidence of artisans' labor and skill in constructing or altering a building, structure, object, or site. Workmanship can apply to the property as a whole or to its individual components.

5. *Materials* are the physical elements that were combined or deposited during a particular period of time and in a particular pattern or configuration to form a historic property. The choice and combination of materials reveal the preferences of those who created the property and indicate the availability of particular types of materials and technologies. A property must retain key exterior materials dating from the period of its historic significance.

6. *Feeling* is a property's expression of the aesthetic or historic sense of a particular period of time. It results from the presence of physical features that, taken together, convey the property's historic character.

7. *Association* is the direct link between an important historic event or person and a historic property. A property retains association if it is the place where the event or activity occurred and it is sufficiently intact to convey that relationship to an observer.

California Register of Historical Resources

The California Register, based on the National Register, is the “authoritative guide to be used by state and local agencies, private groups, and citizens to identify the state’s historical resources and indicate which properties are to be protected.” A building, site, structure, object, or historic district may be eligible for inclusion on the California Register if it meets one or more of the following criteria:

1. It is associated with events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the United States
2. It is associated with the lives of persons important to local, California, or national history
3. It embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of a master, or possesses high artistic values
4. It has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation.

California Office of Historic Preservation Technical Assistance Series #6, California Register and National Register: A Comparison states that in addition to meeting one of the criteria of significance, a resource must “retain enough of their historic character or appearance to be recognizable as historical resources and to convey the reasons for their significance” and “integrity is evaluated with regard to the retention of location, design, setting, materials, workmanship, feeling, and association.” Historical resources that “have been rehabilitated or restored may be evaluated for listing.”

Series 6 Guidance also states, “Alterations over time to a resource or historic changes in its use may themselves have historical, cultural, or architectural significance.” Historical resources that do not retain sufficient integrity to qualify for the National Register may still be eligible for listing in the California Register: “a resource that has lost its historic character or appearance may still have sufficient integrity for the California Register if it

maintains the potential to yield significant scientific or historical information or specific data.”³

City of Redondo Beach Historic Resource Preservation

The Historic Preservation Ordinance of the City of Redondo Beach was adopted in 1989.⁴ A property, including buildings, structures, sites, places, and districts within the City that reflect special elements of the City’s architectural, artistic, cultural, historical, political, and social heritage may be designated as a historic landmark if it is at least 50 years old and meets at least one of the following criteria:

- a. It exemplifies or reflects special elements of the City’s cultural, social, political, aesthetic, engineering, or architectural history; or
- b. It is identified with persons or events significant in local, state, or national history; or
- c. It embodies distinctive characteristics of a style, type, period, or method of construction, or is a valuable example of the use of indigenous materials or craftsmanship; or
- d. It is representative of the notable work of a builder, designer, or architect; or
- e. Its unique location or singular physical characteristic(s) represents an established and familiar visual feature or landmark of a neighborhood, community, or the City.

The ordinance also specifies that “nominations of an historic resource as a landmark shall be made only by application of the property owner or property owners representing a majority or controlling interest in the property on which the resource is located.”⁵

PROPERTY LOCATION AND SETTING

The subject property at 1811 Clark Lane is in the North Redondo Beach area of the City of Redondo Beach. The Assessor Parcel Number (APN) is 4161-001-017. The property is zoned R2 low density multi-family residential zone.

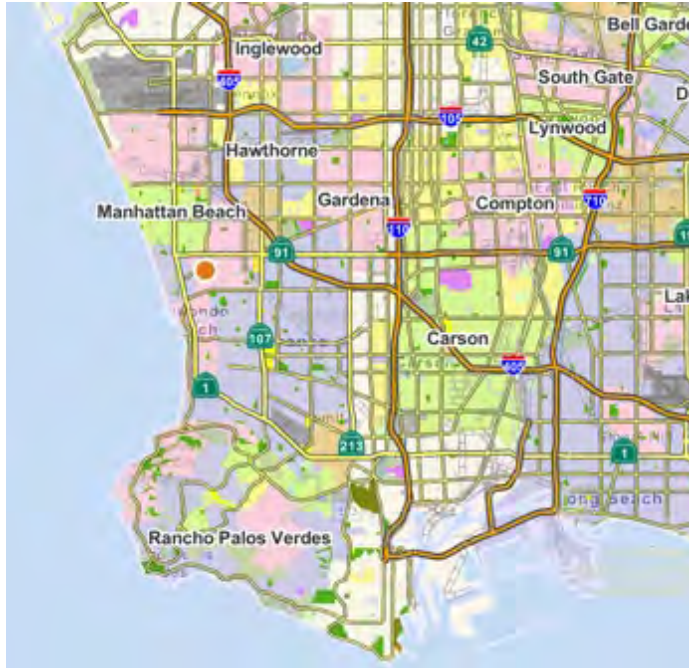
The subject property is located in the southwestern section of North Redondo Beach on the 1800 block of Clark Lane. Clark Lane is located two blocks south of Grant Avenue, It is bounded by Harriman Lane on the north, Marshall Field Lane on the south, Harkness Lane on the West and Flagler Lane on the east.

The block on which the property is located is relatively flat with lots oriented north-south on the east-west running street. Clark Lane is a one-way street, running east-bound; there is a parking lane on each side of the street.

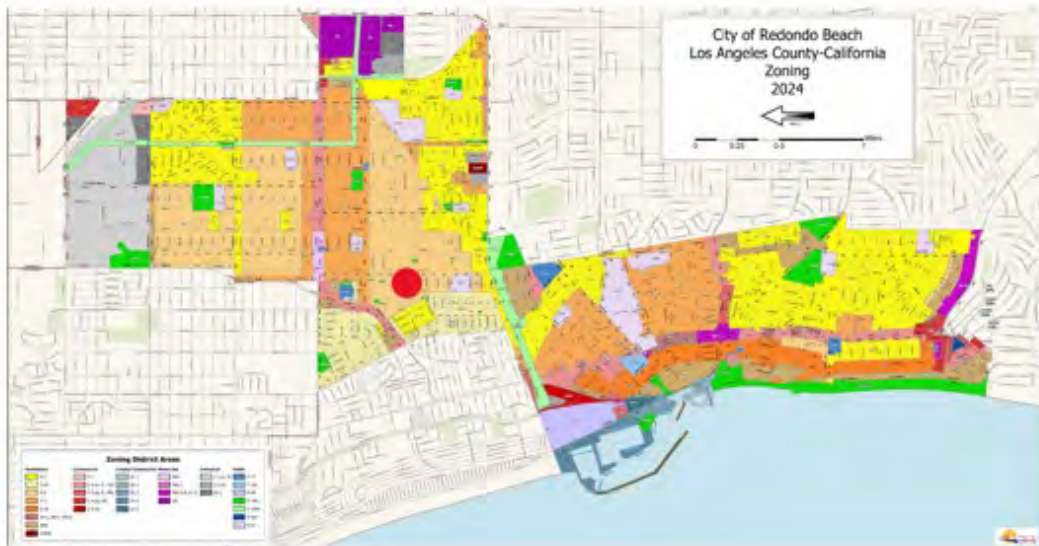
³ California Office of Historic Preservation Technical Assistance Series #6: California Register and National Register: A Comparison, p. 3.

⁴ City of Redondo Beach Zoning Code, Title 10, §2, Ord.2554.

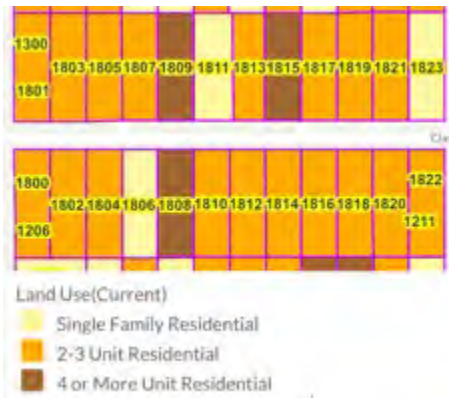
⁵ City of Redondo Beach Zoning Code , Section 2, Ord. 2554



Location Map (Los Angeles County Assessor, 2025)



City of Redondo Beach Zoning Map, 2024



Excerpt of Redondo Beach Zoning Map Current land use of 1800 block Clark Lane⁶

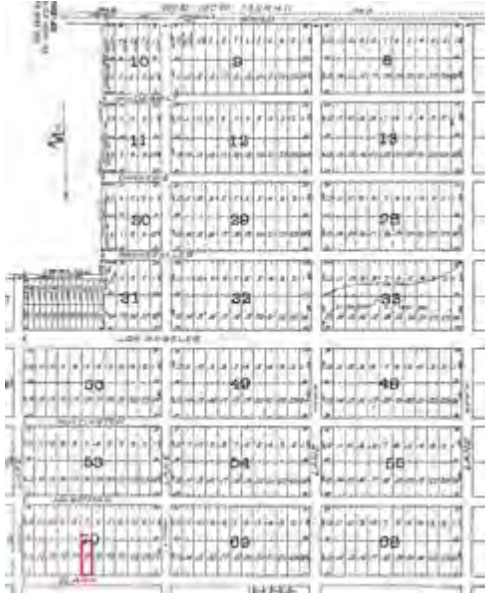


1800 block of Clark Lane (Google Earth, 2025)

⁶ Redondo Beach Land Use Map, <https://redondobeachgis.maps.arcgis.com/apps/PublicInformation/index.html?appid=c88d6006729d4ffa25e323d41462c63>

DEVELOPMENT HISTORY OF 1800 BLOCK OF CLARK LANE

The property at 1811 Clark Lane is in the Redondo Villa Tract which was subdivided and recorded in 1905 for owner George Peck. The large Tract area has 117 blocks with most of the blocks containing similar parcels, including the subject parcel, of 50 feet wide and 145 to 150 feet deep, sized to accommodate modest single-family dwellings. Most blocks contained 24 parcels.



Redondo Villa Tract, page 1



Satellite view of Redondo Villa Tract, p.1 (Google Maps, 2025)

Aerial Maps (see excerpts below and full-page images in the Attachments) show the development of the area around the 1800 block of Clark Lane. The earliest aerial map shows a few parcels on each side of the street developed with dwellings. It does not appear that there was any consolidation of parcels to create farmland. Undeveloped open spaces are mostly graded with no vegetation.

The aerial maps show that between 1928 and 1947, the periods of the Great Depression and World War II, the 1800 block of Clark Lane, and adjacent area, developed slowly. The 1952 aerial map shows that after the War, between 1952 and 1963, the area and the 1800 block of Clark Lane had almost every parcel developed with a dwelling, usually a single-family house.

The block evolved over the second half of the 20th Century and into the 21st. today nine of the parcels on the block contain buildings constructed before 1980: one (the subject building) in 1929; two in the 1940s, three in the 1950s, one in the 1960s; and two in the 1970s. Since 1980 (less than 50 years ago) 15 parcels were re-developed with multiple-housing units or a multi-family building on a parcel: nine in the 1980s; 4 in the 1990s; and two in the 2000s.



1928 Aerial View (EDR)



1938 Aerial View (EDR)



1947 Aerial View (EDR)



1952 Aerial View (EDR)



1963 Aerial View (EDR)



2025 Aerial View (Google Maps)



Satellite view of 1809, 1811 and 1813 Clark Lane (Google Maps, 2025)



1809 Clark Lane, building to west of subject building



1813 Clark Lane building east of subject building

PROPERTY HISTORY AND DESCRIPTION

Los Angeles County Assessor records provide a date of 1929 for the construction of the single-family dwelling at 1811 Clark Lane. There is no building permit regarding the original construction of the dwelling. North Redondo Beach was annexed into the City of Redondo Beach in 1927; the permits for construction of the building could have been taken out while the area was unincorporated County. The only permits records received from the City is a permit card from 1969 with the notation "house to house."



Satellite (plan) view of 1811 Clark Lane (google Earth, 2025)

The single-family dwelling is one-story bungalow, of 850 square feet on a parcel of 8,250 square feet. The house is set back from the street with a cement walkway leading from the public sidewalk to the house. There is a front lawn and a mature tree in the front yard. A paved driveway is located on the west side of the parcel and leads to a garage that is set back farther from the street.

The dwelling is rectangular in plan, with clapboard siding. It has a side gable roof and front porch with cross gable that projects out slightly. The roof of the front porch has a broad front gable that is edged with scalloped trim. The porch has a tapered column at each side supporting the porch roof, /the other railings of the porch are of wood 2 by 4's. The base of the porch is concrete.

The building has a deep roof overhand with exposed rafters that do not project beyond the roof's edge. The front elevation has a symmetrical organization with the entry door centered and a window to each side of the door. The windows are non-original aluminum sliding windows. Each of the windows had a flat wood surround. A scalloped edge has been added to the base of each window as has an attached shutter on each side of each window.

The scalloped edging along the porch and windows are not original to the dwelling nor are the attached shutters.



South (front) elevation



South (front) elevation and part of east elevation



Stair and porch on south (front) elevation



Stair to porch and entry door on south elevation



Porch detail on south (front) elevation



Roof over porch with added scalloped edge



Window detail on south (front) elevation . Porch and window detail on south elevation

The east side elevation has a side gable with a slight overhang with exposed rafters. There are windows of varying sizes organized along this elevation placed to support interior functions. On the west side elevation there is a similar roof overhang. A door with porch is located along the west side elevation. Windows of varying sizes that support interior functions are organized along this elevation. The windows have flat wood surrounds,



East (side) elevation



West (side) elevation and south (front) elevation



Part of south (front) elevation and west (side) elevation



West (side) elevation

The rear elevation has a projecting addition with a flat roof. Another door with porch is located to the west of the addition. Functional windows are located along the rear elevation. There is a deep back yard with lawn.



North (rear) elevation



Stair and entrance on north (rear) elevation



West half of north (rear) elevation and
east elevation of garage



Backyard looking north



East (side) and north (rear) elevation of
garage



South (front) elevation of garage

The garage is rectangular in plan, one-story and clad in clapboard. It has a front gable roof. The vehicle door is on the south elevation and is set slightly off-center. There is a door on the east side of the garage and two windows on the rear of the garage.

City Directory Data

The following information was identified from City Directories regarding occupants of the dwelling at 1811 Clark Lane. No additional biographical information was found for any of the occupants.

Date	Occupant	Occupation
1931	Address not in City Directory	NA
1936	Charles H. Furlong Edith N. Furlong	Oilworker No occupation listed
1947	Address not in City Directory	NA
1952	Malcolm J. McPherson Carolyn McPherson	No occupation listed No occupation listed
1960-2000	Donald Seydel	No occupation listed
2005-2014	Ronald Seydel	No occupation listed
2020	Margaret Seydel	No occupation listed

HISTORIC CONTEXTS

Residential Development of Redondo Beach

Utilized by the earliest human inhabitants, current day Redondo Beach became part of the Dominquez Rancho in 1854 when Manuel Dominguez received the patent for the Rancho San Pedro. Portions of the Rancho were sold off and some early attempts at industrialization occurred in the 1860s with the intermittent operation of the Pacific Salt Works at the Old Salt Lake site. With the dissolution of the Ranchos in the 1860s and the coming of the railroads in the 1870s, Southern California changed from open range to small farms and towns. In 1889 the Santa Fe Railroad reached Redondo Beach and the city also began developing as a port.

Thus began the urbanization of Redondo Beach. The City of *Redondo Beach Context Statement* states: “The boom of the 1880s was largely an urban phenomenon. Although land was sold in farm size parcels as well as town lots and continued to be prized for farming and orchards, the emphasis had clearly shifted to town building.” The early town was laid out under Charles Silent and partners including N. R. Vail and Dan McFarland. The village plan used “romantic street names evocative of the Spanish period and, cleverly included names of Dominquez family women” (i.e., Lucia, Juanita, Maria, Irena). “Pebbles from the beach front included a variety of precious and semi-precious stones, so the intersecting streets were given jewel names like Diamond, Emerald and Carnelian and Agate.

Early town developers envisioned a resort and commercial center. Development of piers, ship, and pleasure boat landings as well as beach and beachfront amusements began to take place. The large Redondo Hotel with park-like grounds was to the south while railroad yards and industrial functions lay to the north. Evolution of rail transportation was important to the development of Redondo Beach. The Santa Fe Railroad, with its interstate connections, chose Redondo Beach as its terminus. It incorporated the Redondo Beach Railway (later consolidated with the Southern California Railway) to connect to Los Angeles. Several other rail lines including the Redondo Railway and the Los Angeles and Redondo Railway were developed in the late 19th century. Into the early 20th century these rail lines grew providing important passenger and freight connections to Redondo Beach. As the Context Statement notes, “the years immediately following the electrification of the LA and Redondo Railway were prosperous ones for the city.”

While previous real estate development groups established the physical character and development pattern, Henry E. Huntington spurred a significant period of development with his purchase of the Redondo Beach Improvement company and the Los Angeles and Redondo Railway in 1905. Buoyed by Huntington's confidence in the area, others followed. As the Context Statement observes: "within the original town site, development also occurred as investors who had purchased lots prior to Huntington's investment subdivided and developed these sites, nearly completing the settlement of coastal Redondo Beach...the final result was that the region developed steadily, with a variety of areas to appeal to incoming residents."

Civic boosters also contributed to the City's growth in the early 20th century who established organizations including the Chamber of Commerce. The Context Statement states that "as a result of the community support, everyone who came to Redondo Beach, left a booster with advertising buttons or brochures...efforts paid off."

The area known as North Redondo Beach consisted of four-square miles of land in the Redondo /villa /tract. The area had been purchased by George Peck in the late 1880s but did not subdivide the area until 1905 when the Redondo Villa Tract was recorded by Peck. Peck entered into an agreement with W, H, Carlson to function as the land agent for the area and Carlson made all the arrangements for the sub-division and marketing of its parcels. While the marketing focused on the potential for small farms, the lots were sized as modest parcels suited for development of single-family dwellings, with a 50-foot frontage and depth ranging from 145 feet to 150 feet deep.

Some agricultural enterprises were marketed in the early 20th century including advertisements in 1910 for the "Ocean Villa Intensive Farming Colony" focused on growing the "spineless cactus" However, there is no evidence that such a cooperative colony was established.

In the early years of the teens North Redondo Beach's business district began to develop in the area near Artesia Avenue and Aviation Boulevard. Grant School was also established in this area. In 1912 the Redondo Villa Tract Improvement Association was formed with the mission of "forging of a prosperous future, making every necessary improvement relative to the community's welfare and building up the Villa Tract in every way possible."⁷ During this decade an auditorium and additional classrooms were added to Grant school and the Grant Community Church building was established. An attempt to annex the area to the City of Redondo Beach took place in 1917 however it failed.

Residential development of the Redondo Villa Tract was slow with the area remaining rural with many open spaces, although there is no evidence of lots consolidated to create large farms (see aerial images in the Attachments).

In 1920 J.D. Miller of the Interstate Realty Company of Los Angeles purchased 2,300 acres in the tract for oil exploration and production and soon a large area in the east part of the Tract. As noted in the Redondo Beach Historic Context Statement:

⁷ Redondo Beach Historic Context Statement, p. 25.

“The first promising signs occurred on December 9, 1921, when Santa Fe well No. 1 began to flow. Located at the far southeastern corner of present-day north Redondo this well offered strong incentive for the purchase and sale of property located within the eastern section of the Redondo Villa Tract. These two oil production projects began a sporadic land boom which continued over the next ten years and resulted in the further subdivision and settlement of the area.”⁸

The Context Statement observes that residential development during the 1920s was directly related to the exploration of oil and “paralleling the increased efforts in oil exploration came a demand for new home construction in almost every section of the Villa Tract.” One news article referred to this period as the “new era of activity” in 1924.

The expanding population of North Redondo led to numerous civic improvements including an increased need for educational facilities and water infrastructure. The Redondo Villa Tract Chamber of Commerce renewed efforts “to create a more urban environment.”⁹ In 1926 Los Angeles County approved a large hog-raising operation in this unincorporated area but the Redondo Villa Tract Chamber of Commerce convinced the County to rescind that permit. On the heels of this victory in 1926 the Chamber formed an annexation committee with the purpose of joining the City of Hermosa Beach and encourage new development in the Villa Tract. The attempt to annex to Hermosa Beach failed.

The following year, 1927, the Villa Tract Chamber of Commerce joined with several Redondo Beach community and business organizations to organize another annexation drive, this time to the City of Redondo Beach. This time voters agreed to annex the North Redondo Villa Tract area into the City of Redondo Beach.

Despite the Great recession significant infrastructure and civic improvements were made in North Redondo Beach between 1927 and 1934, “indicative of the strong community environment which had come to characterize this area” and despite the Great Depression some residential development continued in North Redondo.¹⁰

The evolution of North Redondo Beach in the first four decades of the 20th Century is explained in the Redondo Beach Historic Context Statement:

“in 1937, the Redondo Beach City council formally recognized the increasing residential nature of north Redondo in its acceptance of a Planning Commission recommendation that the area known as Villa Tract No. 2 be rezoned from unlimited industrial to suburban uses. Since its subdivision as rural farmland in 1905¹¹, north Redondo had experienced several shifts in its economic identity. The first shift occurred in the early 1920s when the land original subdivided for rural development suddenly became popular for its oil producing potential. The annexation of the area in 1927 and its identification as the city’s future industrial site, resulted in

⁸ Redondo Beach Historic Context Statement, p. 26

⁹ Redondo Beach Historic Context Statement, p. 33.

¹⁰ Redondo Beach Historic Context Statement, p. 35.

¹¹ Note that all parcels in the 1905 subdivision of the Redondo Villa Tract were 50 feet by 150 feet, sized for development of modest single-family dwellings.

yet another shift...by the early 1930's however, dreams of unlimited oil production had faded and speculators who had purchased land during the oil boom were seeking opportunities to subdivide their property into residential sites. This move marked the third shift in the area/s economy."¹²

Aerial Maps (see Attachments) shows the development of North Redondo Beach into an urbanized area with most parcels developed with single-family dwellings.

In 1900 the population had been 855; by 1910 it had grown to 2,935." And the population continued to grow with 4,913 residents in 1920 and almost doubling by 1930. Population growth pace slowed during the decade following the Great Depression growing to 13,092 in 1940 and picked up after World War II with 25,226 in 1950 and 46,984 by 1960.

Craftsman Architecture

The Redondo Beach Historic Context Statement, the Preservation Plan and the 1986 and 1996 surveys do not include a context regarding the Craftsman Architectural Style. This style was employed throughout Southern California and was not limited by municipal boundaries. SurveyLA, Los Angeles' citywide historic context statement provides a framework for identification and eligibility of historic architectural styles, including the Craftsman style.

Context:	Architecture and Engineering, 1850-1980
Theme:	Arts and Crafts Movement, 1895-1930
Sub-Theme:	Craftsman, 1905-1930
Property Type:	Residential – Single-Family and Multi-Family Residence

Resources significant under this sub-theme are excellent examples of the Craftsman style of architecture.

Eligibility Standards:

- Exemplifies the tenets of the Arts and Crafts movement and the Craftsman style
- Was constructed during the period of significance, 1905-1930
- Exhibits quality craftsmanship

Character Defining/Associative Features:

- Retains most of the essential character-defining features of the type from the period of significance
- One or two stories in height
- Building forms that respond to the site
- Shingled exteriors, occasionally clapboard or stucco
- Low-pitched gabled roofs
- Broad, overhanging eaves with exposed structural members such as rafter tail, knee braces, and king posts
- Broad front entry porches of half or full-width, with square or battered

¹² Redondo Beach Historic Context Statement, p. 36.

- columns, sometimes second-story sleeping porches
- Extensive use of natural materials for columns, chimneys, retaining walls, and landscape features
- Casement windows situated in groups
- Represents an early or rare example of the style in the community where located

Integrity Considerations:

- Should retain integrity of Design, Workmanship, Feeling, Setting, and Materials from the period of significance
- Craftsman style buildings that have been stuccoed are excluded from individual listing under C/3/3, if they were originally shingled or clapboarded
- The most common alteration is the replacement of windows and the enclosure of porches
- Some window replacements may be acceptable if the openings have not been resized, particularly windows associated with kitchens and bathrooms on rear and side elevations
- The enclosure of porches is an acceptable alteration so long as the features such as piers and posts have not been removed
- Brick or stonework may have been painted; acceptable as it is reversible
- Building may have been moved for preservation purposes
- Original use may have changed

REVIEW OF PREVIOUS SURVEYS

The City of Redondo Beach conducted a citywide reconnaissance-level historic resources survey in two phases. The first phase was conducted 40 years ago in 1985 and surveyed most of the original town site area and two adjacent areas to the south: Clifton-by-the-Sea and Clifton Heights. According to the city's 1998 Preservation Plan the 1986 "survey results documented 1,400 individual buildings constructed on or before 1946 — 126 of these were determined individually significant while 712 were considered potentially significant as contributors to historic districts. The buildings reflect a variety of architectural styles and date primarily from the period of early settlement to pre-World War II."

A second phase of the survey was conducted almost 30 years ago in 1996 and included buildings which were 45 years of age or older and included the North Redondo Beach area. This second survey phase "recorded 1,402 buildings. Sixty-four of the resources were determined potentially eligible for the National Register or for local designation. The majority of the buildings date from the post-World War II period of expansion."

The 1986 survey developed a rating system unique to Redondo Beach. In describing the rating system the 1986 survey stated that the consultant staff "drove through the entire study area on a street-by-street basis" and based on "this initial review, each structure (or group of structures) was assigned to one of four categories (A through D).

This rating system defined "A" resources as those "buildings which are obvious examples of historically significant or notable structures indicated by distinctive architectural characteristics or age. Occasionally, the structure's relationship to patterns

of local history is evident (such as an early church) and would be included. Many of these buildings are potential candidates for individual listing on the National Register of Historic Places and research is likely to reveal a connection with important persons or events.”

The “B” category includes “buildings which are somewhat less unusual or distinctive in terms of age or architecture. In general, however, these are well designed buildings which research may prove to have a relationship to important events or persons in history. Many of these buildings are likely to have local significance and some of these buildings may also be candidates for the National Register, depending on the results of research.”

The “C” category includes “pre-1946 buildings which reveal much of their original architectural style (not substantially altered). These buildings are fairly modest in architectural style or design and are less likely to have historical importance. Most of these buildings are good candidates as contributing structures in an historic district.”

And the “D” category includes pre-1946 buildings that are clearly not significant in terms of architectural style or have been substantially altered from the original style. While information from other general research could indicate a link between some of these buildings and important persons or events in local history, the modest nature of the building makes this connection fairly unlikely. Buildings in this category that are not altered or can be restored may contribute to a historic district.

The subject building was recorded on a DPR 523 survey form in 1996. The description noted that original windows had been replaced and that there an addition was located on the rear of the building. It was described as a “Craftsman Cottage” but no information was provided as to how it exhibited Craftsman character defining features. The matrix produced for the 1996 survey gave the property an “A” rating.

EVALUATION OF SIGNIFICANCE

The property at 1811 Clark Lane is evaluated using the City of Redondo Beach Landmark criteria. To be designated a historic resource, a property must meet at least one of five criteria.

Criterion A. *It exemplifies or reflects special elements of the City’s cultural, social, political, aesthetic, engineering, or architectural history.*

The Redondo Villa Tract, in which the subject property is located, was recorded in 1905 with over 2,500 parcels subdivided to support modest single-family dwellings with lot sizes generally of 50 feet by 145 to 150 feet.

The dwelling and garage were constructed in 1929, almost 25 years after the 1905 subdivision and recordation of the Tract. It is not representative of the early development of North Redondo Beach. Development of the North Redondo Beach area began in the early 20th Century with the community growing sufficiently to require construction of a school and community facilities by the teens. In those years the Villa Tract Improvement Association supported the ongoing residential, commercial, and institutional

development of the area and helped achieve the annexation of the area to the City of Redondo Beach in 1927. The property was not influential in the early development of the neighborhood of the Tract

There is no evidence that the subject property was built to support agriculture/farming. The parcels in the Tract were not large enough to support more than a household garden. There is no evidence that parcels on the block or nearby area were consolidated to create farms. The area would have been considered rural in 1905 and through the teens, however the subject property was not constructed until 1929 and there is no evidence that it had any association with agriculture or farming.

There is no evidence that any significant historic event occurred at the property.

The property at 1811 Clark Lane does not meet Criterion A and is not eligible for designation as a City of Redondo Beach Landmark under this criterion.

Criterion B. *It is identified with persons or events significant in local, state, or national history.*

There is no evidence that the property was associated with any historic persons.

The property at 1811 Clark Lane does not meet Criterion B and is not eligible for designation as a City of Redondo Beach Landmark under this criterion.

Criterion C: *It embodies distinctive characteristics of a style, type, period, or method of construction, or is a valuable example of the use of indigenous materials or craftsmanship.*

The dwelling at 1811 Clark Lane was described in the 1996 Historic Resource Survey as an example of a Craftsman style cottage. However, the dwelling does not exhibit character-defining features of the Craftsman architectural style. There are no rafter tails, knee braces, or kingposts. There are no natural materials employed in the design and construction of the building. There are no Craftsman style piers or posts on the front porch. Nor is the form and volume of the building reflective of the Craftsman style.

The windows on the front elevation, the major elevation, are not original having been replaced with vinyl sliding windows. Also scalloped edging, which is not representative of any 20th Century architectural style, were later applied to the base of the windows and along the eaves of the front porch roof. Attached shutters flank the front windows but they are not a characteristic or representative of the Craftsman architectural style.

The dwelling was built at the very end of the period of significance for the Craftsman architectural style and does not exhibit the character-defining features of the Craftsman style.

The property at 1811 Clark Lane does not meet Criterion C and is not eligible for designation as a City of Redondo Beach Landmark under this criterion.

Criterion D: *It is representative of the notable work of a builder, designer, or architect*

There is no evidence that the building was designed by a master architect. The materials are unremarkable as is the workmanship. The building is not the work of a master craftsman.

The property at 1811 Clark Lane does not meet Criterion D and is not eligible for designation as a City of Redondo Beach Landmark under this criterion.

Criterion E: *Its unique location or singular physical characteristic(s) represents an established and familiar visual feature or landmark of a neighborhood, community, or the City.*

The property is located mid-block on a residential street and is not in a unique location. The building is not a familiar visual feature in North Redondo Beach.

The property at 1811 Clark Lane does not meet Criterion E and is not eligible for designation as a City of Redondo Beach Landmark under this criterion.

Integrity Analysis

Aspect of Integrity	1811 Clark Lane
<i>Location:</i> Location is particularly important in recapturing the sense of historic events and persons.	The dwelling is in its original location.
<i>Design:</i> Design is the combination of elements that create the form, plan, space, structure, and style of a property. A property’s design reflects historic functions and technologies as well as aesthetics. It includes considerations such as the structural system; massing; arrangement of spaces; pattern of fenestration; textures and colors of surface materials; type, amount, and style of ornamental detailing.	The building is not an exemplary design of a early 20 th century bungalow or cottage. The building does not exhibit the character defining features of any historic architectural style.
<i>Setting:</i> Setting is the physical environment of a historic property and refers to the character of the place in which the property played its historic role. It involves how the property is situated and its relationship to surrounding features and open space.	The setting has been significantly altered with a majority of the parcels on the block redeveloped with large two-story multifamily buildings or multiple two-story units on a parcel.
<i>Workmanship:</i> Workmanship is the physical evidence of the crafts of a particular culture during a period in history. Evidence of the labor and skill in constructing a building.	The workmanship is unremarkable. The workmanship of the front porch is very poor.
<i>Materials:</i> Materials are the physical elements that were combined in a particular pattern or configuration to form a historic property. A property must retain key exterior materials dating from the period of historic significance.	While the materials are representative of its period – the early 20 th century –they are typical and unremarkable.

<p><i>Feeling:</i> Feeling is a property’s expression of the aesthetic or historic sense of a particular period of time. It results from the presence of physical features that, taken together, convey the property’s historic character.</p>	<p>The building is perceived as old, but it does not communicate any historic aesthetic nor does it represent any historic architectural style. The building has undergone alterations such as the removal of original windows and addition of elements from later periods.</p>
<p><i>Association:</i> Association is the direct link between important historic events and/or person/s and a historic property. A property retains association if it is the place where the event or activity occurred and it is sufficiently intact to convey that relationship to an observer</p>	<p>There are no associations with historic persons or events related to the property.</p>

The subject building and property do not possess historic integrity based on the analysis and evaluation explained above.

Because the National Register and California Register criteria are similar to the City of Redondo Beach Landmark criteria, the dwelling at 1811 Clark Lane as evaluated above, is not eligible for listing to the National Register and California Register for the reasons explained under the City of Redondo Beach Landmark evaluation criteria.

CONCLUSION

Based on the facts presented above, the dwelling at 1811 Clark Lane is not eligible for individual designation to the National Register of Historic Places, the California Register of Historical Resources, or as City of Redondo Beach Landmark.

- is not associated with any historic events or patterns of history;
- is not associated with any historic persons;
- is not a rare example of a property type;
- is not and intact or excellent example of the Craftsman architectural style;
- is not the work of a master architect;
- does not possess high quality workmanship or materials;

Based on the facts presented in this report and the evaluation that shows the property at 1811 Clark Lane does not possess historic significance, the property should be removed from the City of Redondo Beach’s Survey Inventory List.

REFERENCES

Aerial Photographs. EDR Environmental Data Resources, Inc.

California Index, Los Angeles Central Library.

California Office of Historic Preservation Technical Assistance Series #6, California Register and National Register: A Comparison.

City Directories, EDR Environmental Data Resources, Inc. and Redondo Beach Library and Los Angeles Public Library digital City Directory collections.

City of Redondo Beach Historic Context Statement, 1986.

<https://cms2.revize.com/revize/redondobeachca/Documents/Departments/Community%20Development/Planning/Historic%20Preservation%20Program/Historic%20Context%20Statement.pdf>

City of Redondo Beach Preservation Plan, 1998.

<https://cms2.revize.com/revize/redondobeachca/Documents/Departments/Community%20Development/Planning/Historic%20Preservation%20Program/Final%20Preservation%20Plan.pdf>

Gebhard, David, and Robert Winter. *Los Angeles: An Architectural Guide*. Salt Lake City: Gibbs-Smith. 2003.

Gley, Paul. *The Architecture of Los Angeles*. Los Angeles: Rosebud Press. 1981.

Los Angeles County Assessor records.

McAlester, Virginia Savage. *A Field Guide to American Houses: The Definitive Guide to Identifying and Understanding America's Domestic Architecture*. New York: Alfred A. Knopf. 2013.

National Register Bulletin 15, How to Apply National Register Criteria for Evaluation

Sanborn Maps. EDR Environmental Data Resources, Inc.

SurveyLA, Los Angeles Citywide Historic Themes and Context Statements, Craftsman Architecture

https://planning.lacity.gov/odocument/18037253-197d-483a-8b13-c85fcd553fe8/ArtsandCraftsMovement_1895-1930.pdf

Attachment A: Photographs

North Side of 1800 Block of Clark Lane



1. 1801 Clark Lane (1992)



2. 1803 Clark Lane (1996)



3. 1805 Clark Lane (1988)



4. 1897 Clerk Lane (1991)



5. 1809 Clark Lane (1973)



6. 1811 Clark Lane (1929)



7. 1813 Clark Lane (1988)



8. 1815 Clark Lane (1964)



9. 1817 Clark Lane (2001)



10. 1819 Clark Lane (1998)



11. 1821 Clark Lane (1986)



12. 1823 Clark Lane (1955)

South Side of 1800 Block of Clark Lane



13. 1800 Clark Lane (1987)



14. 1802 Clark Lane (2001)



15. 1804 Clark Lane (1989)



16. 1806 Clark Lane (1952)



17. 1808 Clark Lane (1974)



18. 1810 Clark Lane (1984)



19. 1812 Clark Lane (1986)



20. 1814 Clark Lane (1986)



21. 1816 Clark Lane (1987)



22. 1818 Clark Lane (1947/1957)



23. 1820 Clark Lane (1947)



24. 1822 Clark Lane (1951)

Context around 1811 Clark Lane



25. 1809, 1811 and 1813 Clark Lane



26. 1811 and 1813 Clark Lane

1811 Clark Lane



27. South (front) elevation



28. South (front) elevation and part of east elevation



29. East (side) elevation



30. West (side) elevation and south (front) elevation



31. Part of south (front) elevation and west (side) elevation



32. South half of west (side) elevation



33. North half of west (side) elevation



34. North (rear) elevation



35. North (rear) elevation



36. East half of north (rear) elevation



37. Stair and entrance on north (rear) elevation

West half of north (rear) elevation



38. West half of north (rear) elevation and east elevation of garage



39. East (side) and north (rear) elevation of garage



40. South (front) elevation of garage



41. Backyard looking north



42. Stair and porch on south (front) elevation



43. Roof over porch



44. Window detail on south (front) elevation



45. Porch and window detail on south (front) elevation



46. Stair to porch and entry door on south (front) elevation



47. Stair and porch railing detail on south (front) elevation



48. Porch and railing and window detail on south (front) elevation

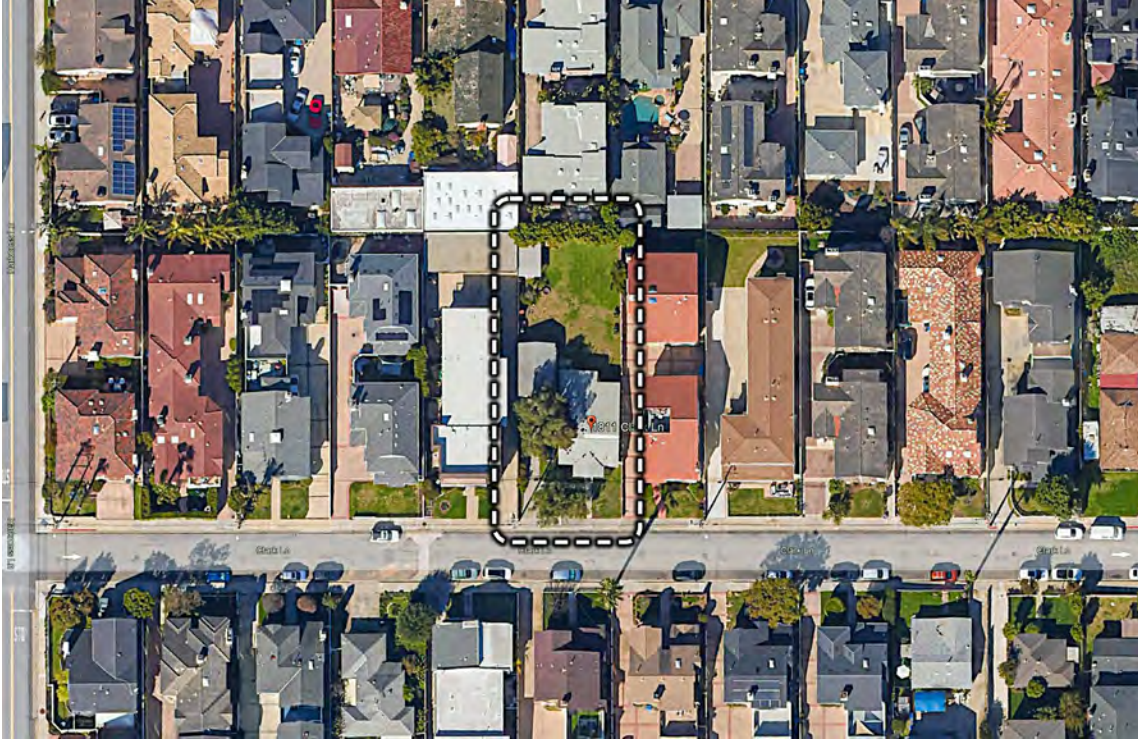


49. Porch detail on south (front) elevation

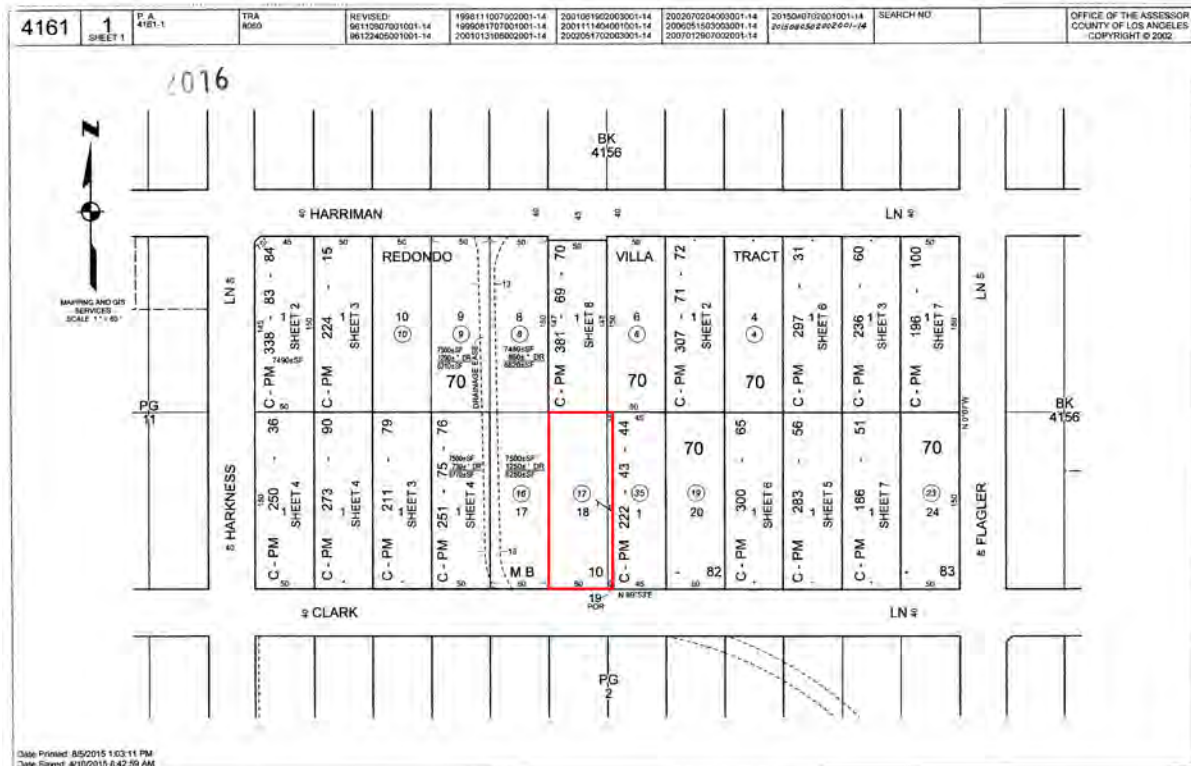


50. Railing detail on south (front) porch entry

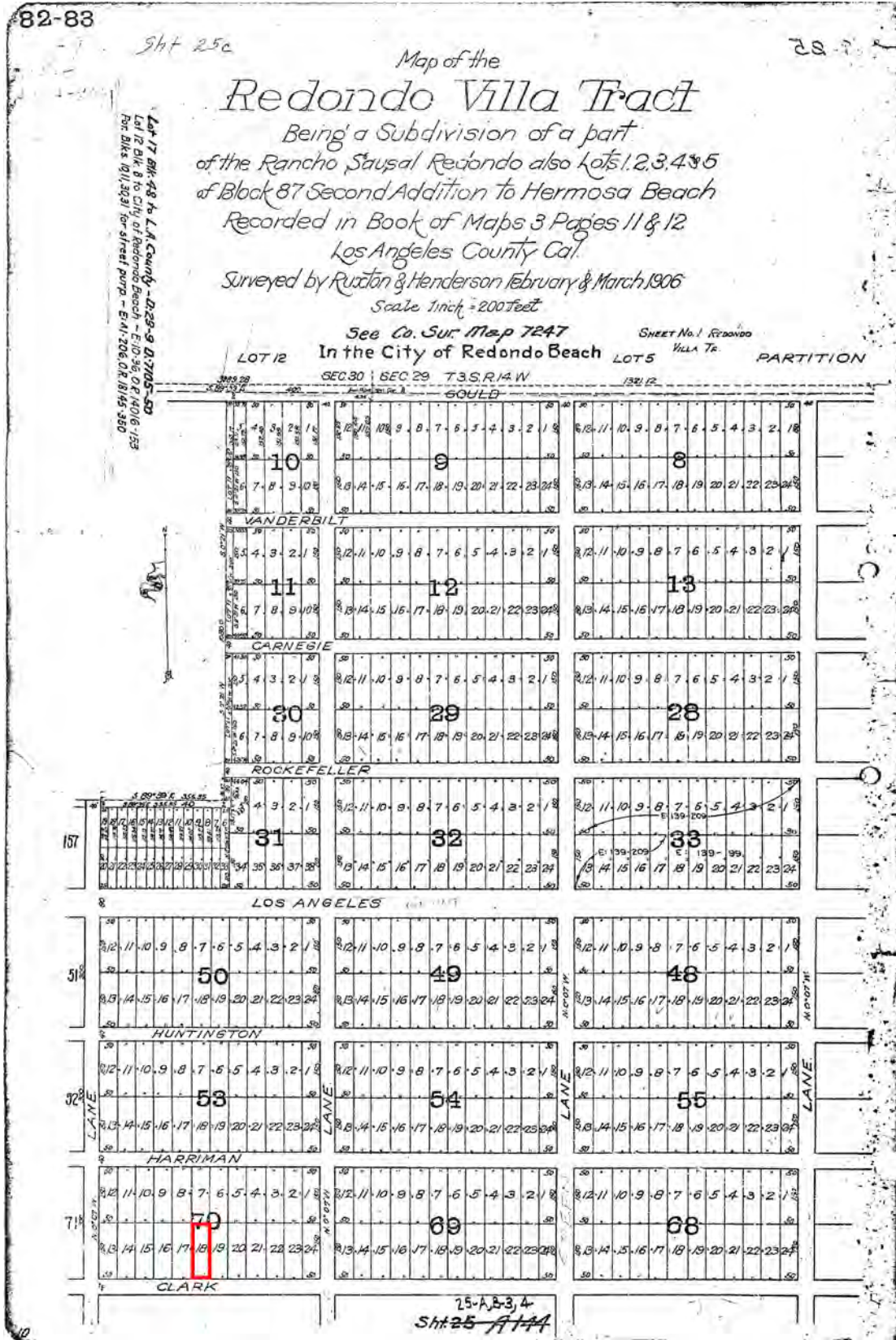
Attachment A: Maps



Aerial photograph (ca. 2022)



Los Angeles County Assessor's Map



Original Tract Map TR10-082

ATTACHMENT C: Building Permits

LOT 18* W. 5' of 19 BLOCK 70 TRACT _____ RVT 55x150

ST. ADDRESS 1811 Clark

SIZE BLDG. _____ Historic Survey "A" ZONE R-2 FIRE ZONE 3

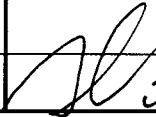
CONTRACTOR _____

USE OF BUILDING _____

PERMIT NO.	DATE	NAME	DESCRIPTION
		House to House 1/31/69 - sgl. family res., sgl. det. gar.	
<u>E20041714</u>	<u>5-17-04</u>		<u>Elec Serv. Upgrade</u>

INSPECTION RECORD

ELECTRICAL PERMIT NO.

INSPECTION	APPROVED BY	DATE	RECORD
CONDUIT			
WIRING			
FIXTURES			
POWER			
UTILITY CO. NOTIFIED			
FINAL		5-18-04	

INSPECTOR'S NOTES

Attachment B: Historic Aerial Photographs and Sanborn Insurance Maps

Historic Aerial Photographs



Aerial Photo 1928



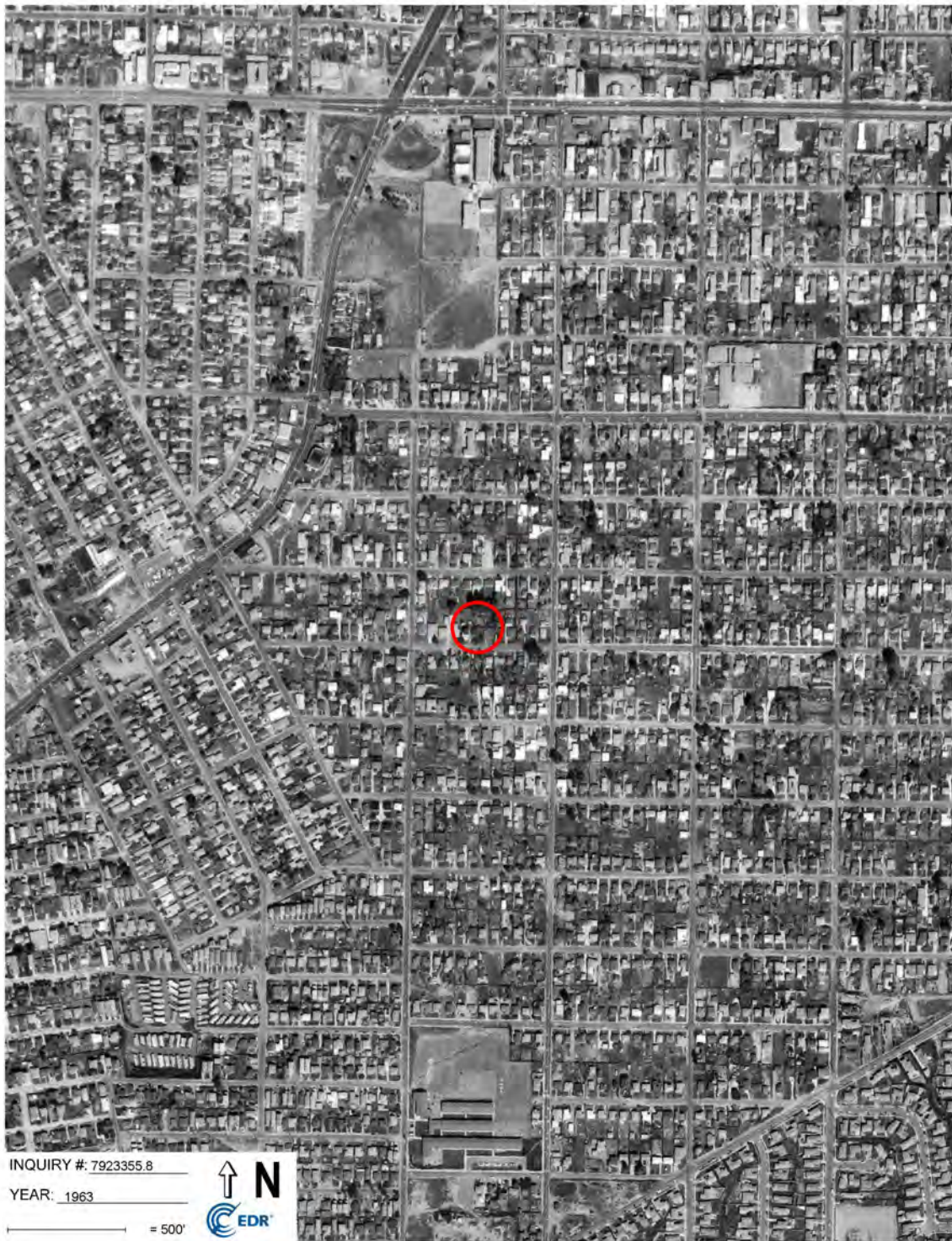
Aerial Photo 1938



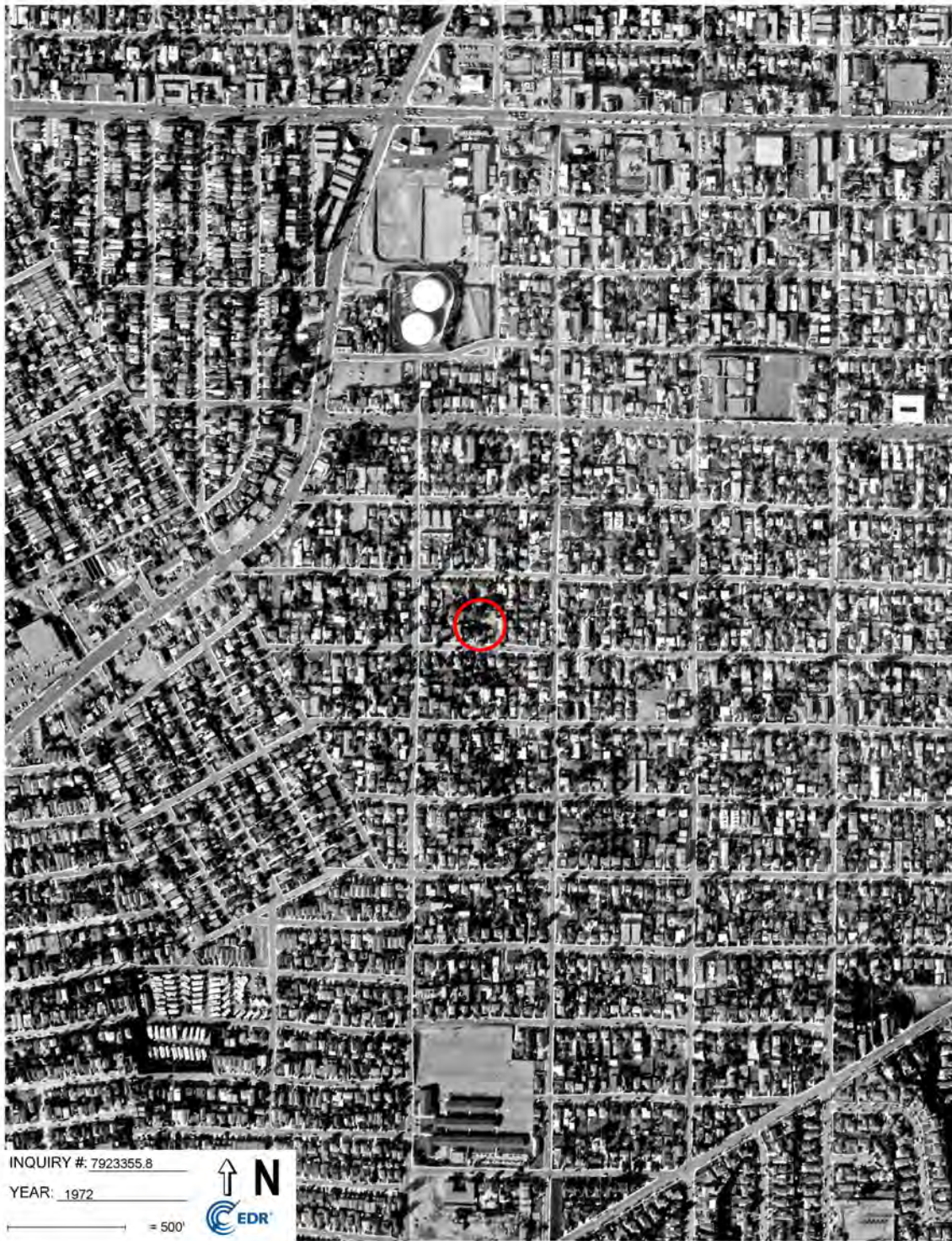
Aerial Photo 1947



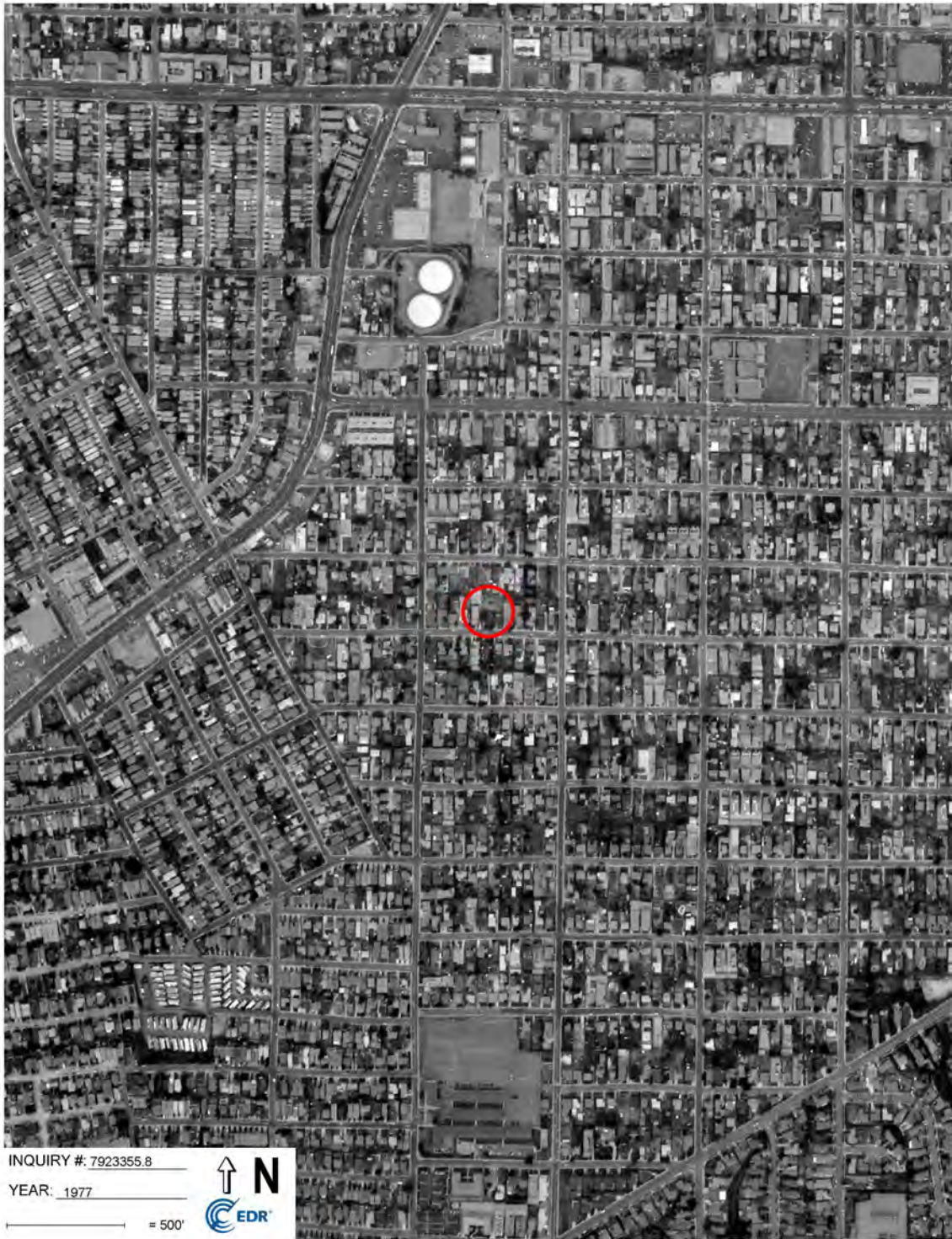
Aerial Photo 1952



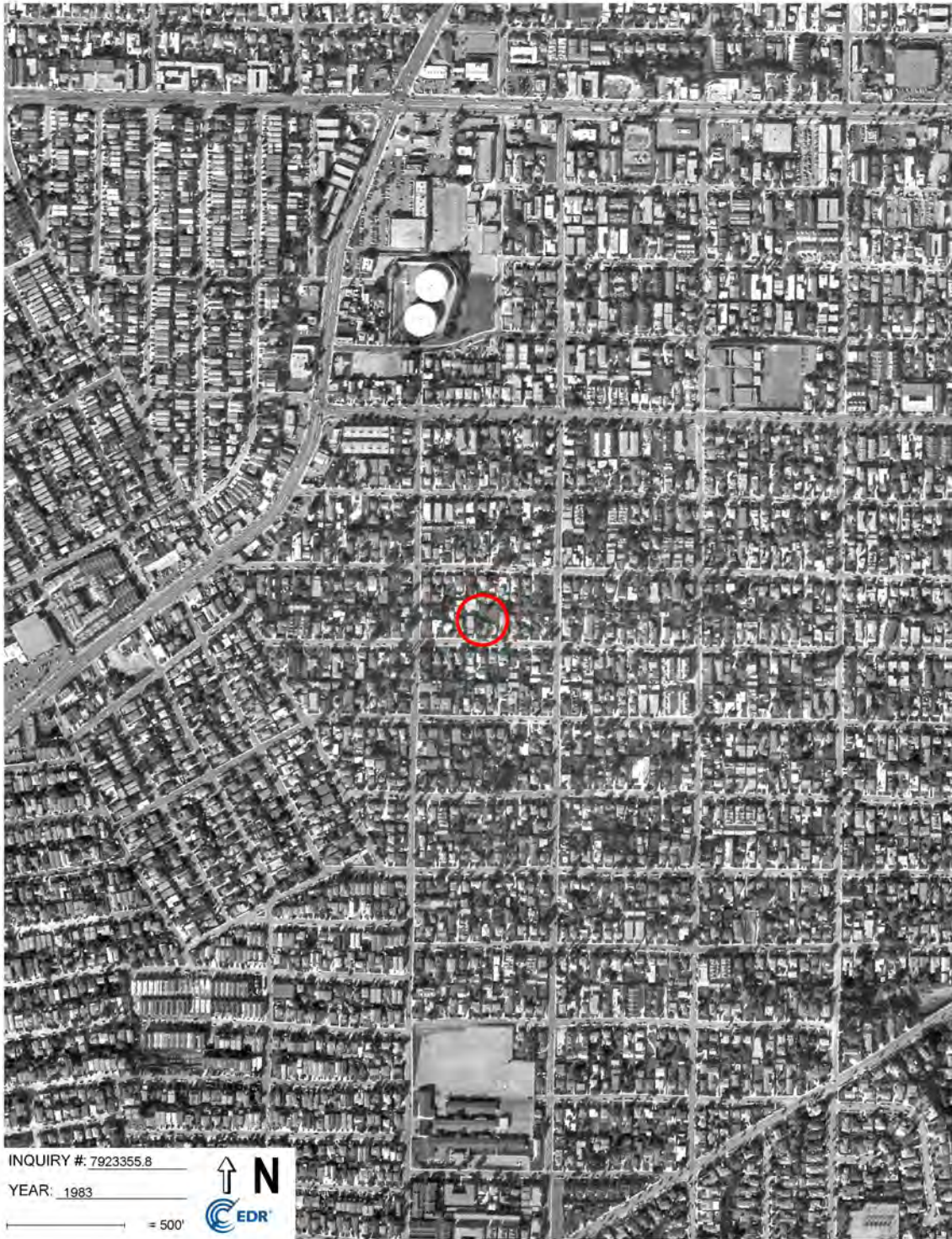
Aerial Photo 1963



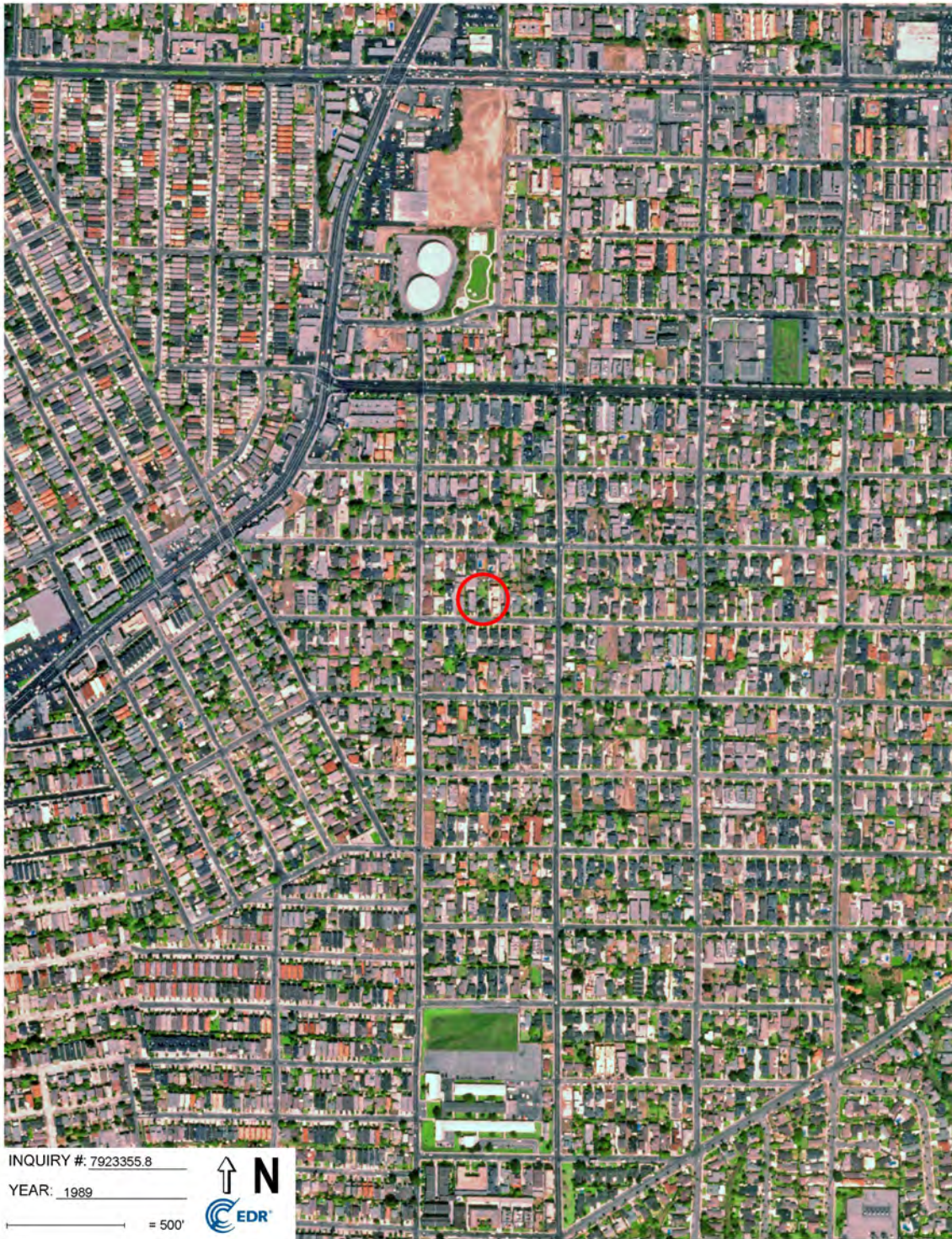
Aerial Photo 1972



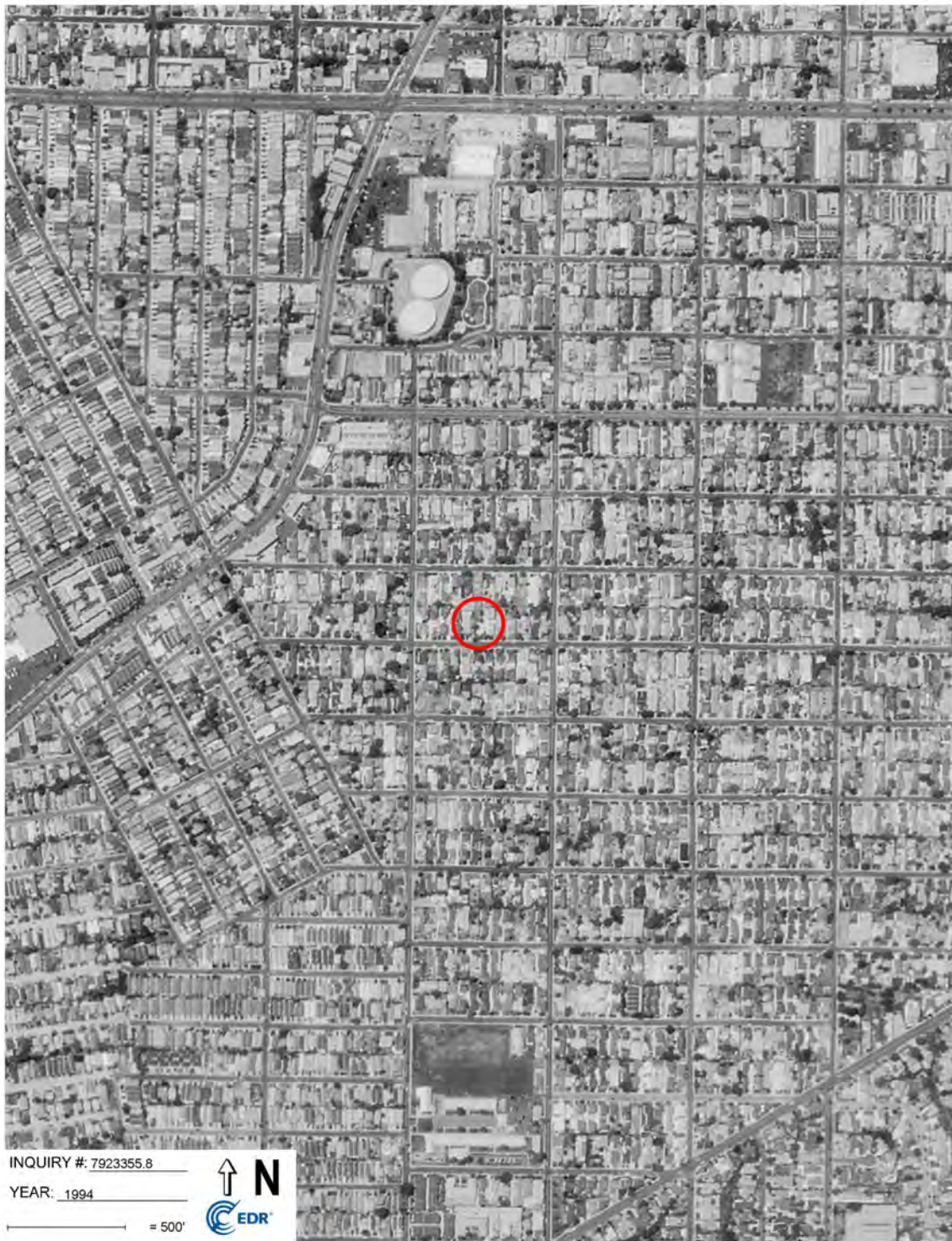
Aerial Photo 1977



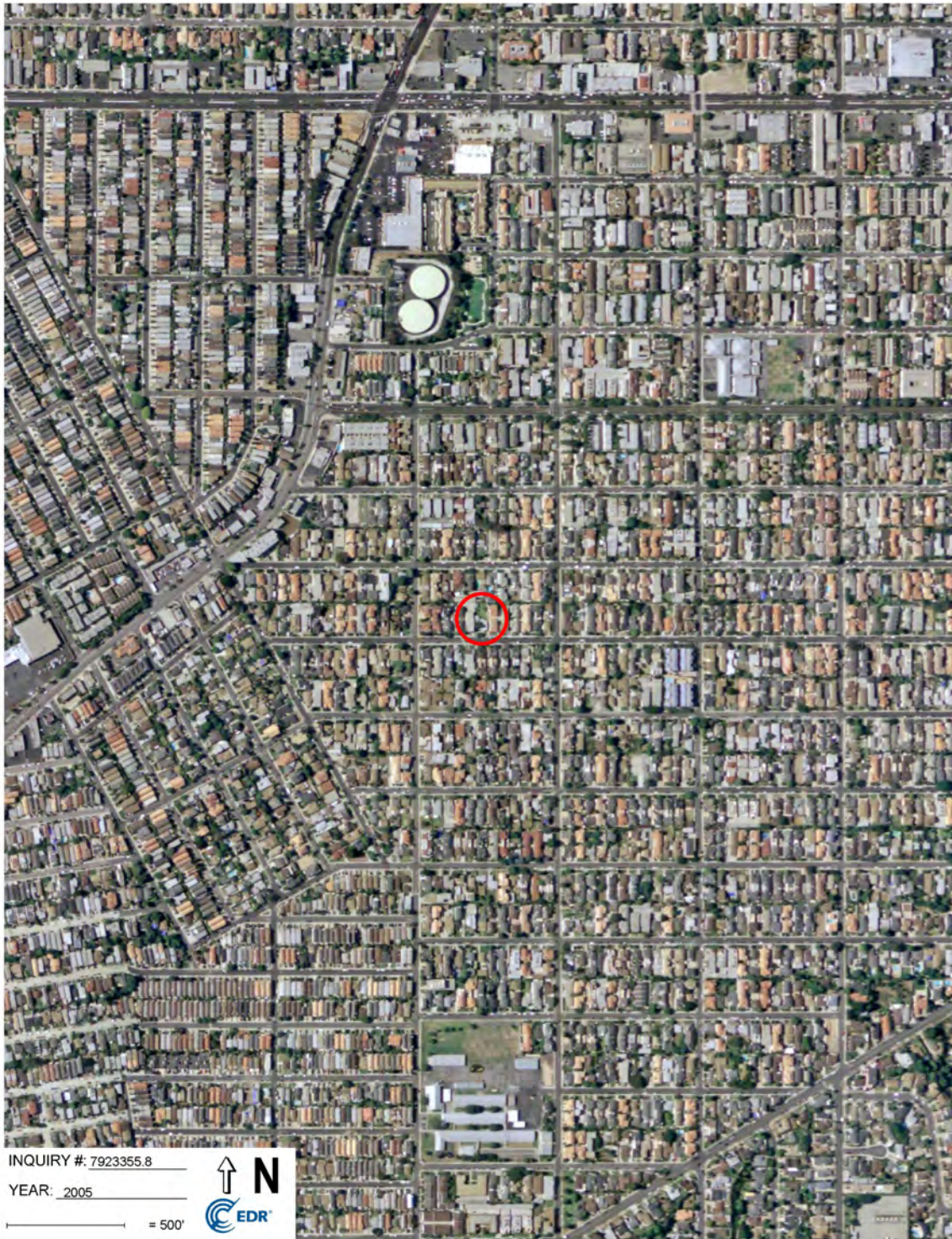
Aerial Photo 1983



Aerial Photo 1989



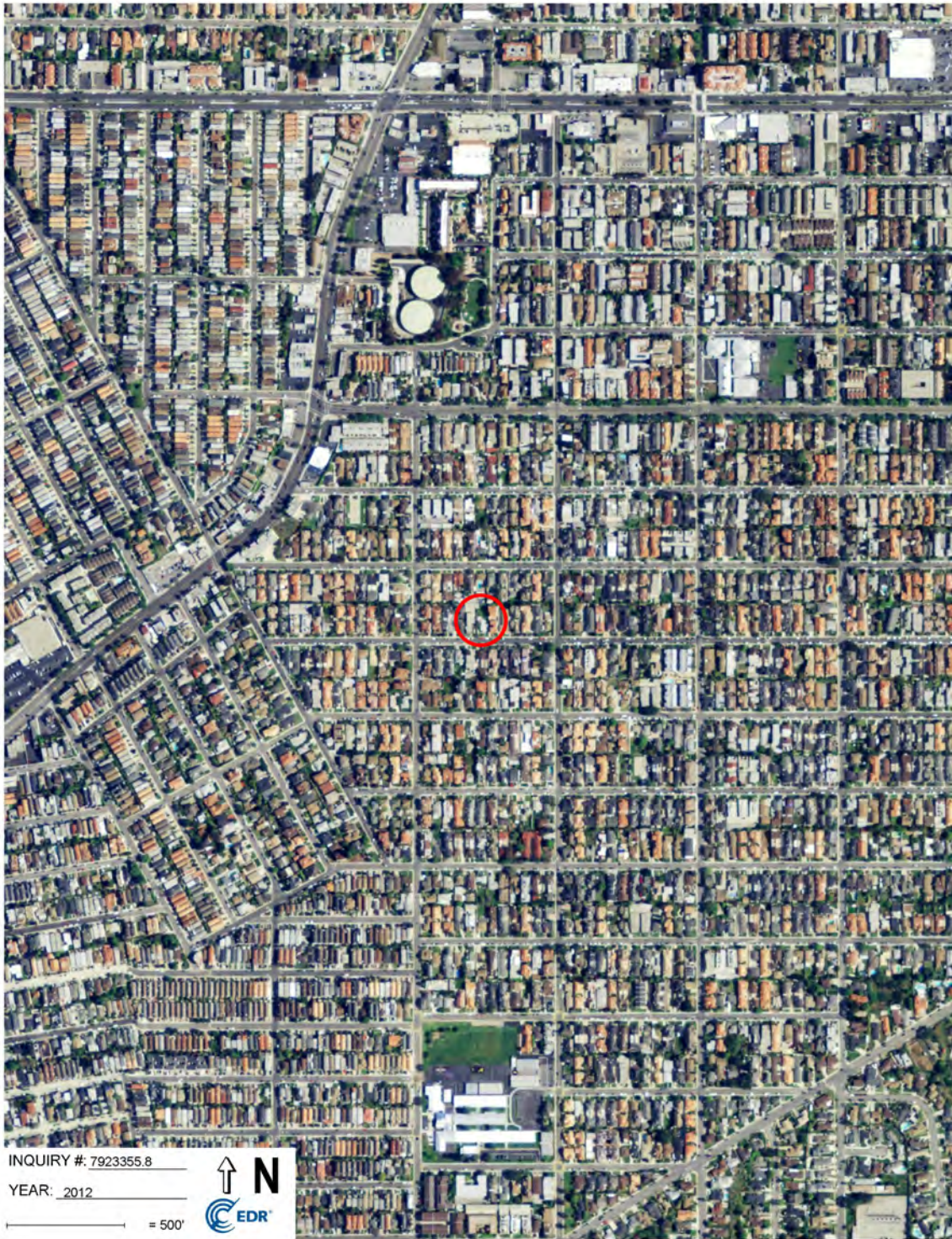
Aerial Photo 1994



Aerial Photo 2005



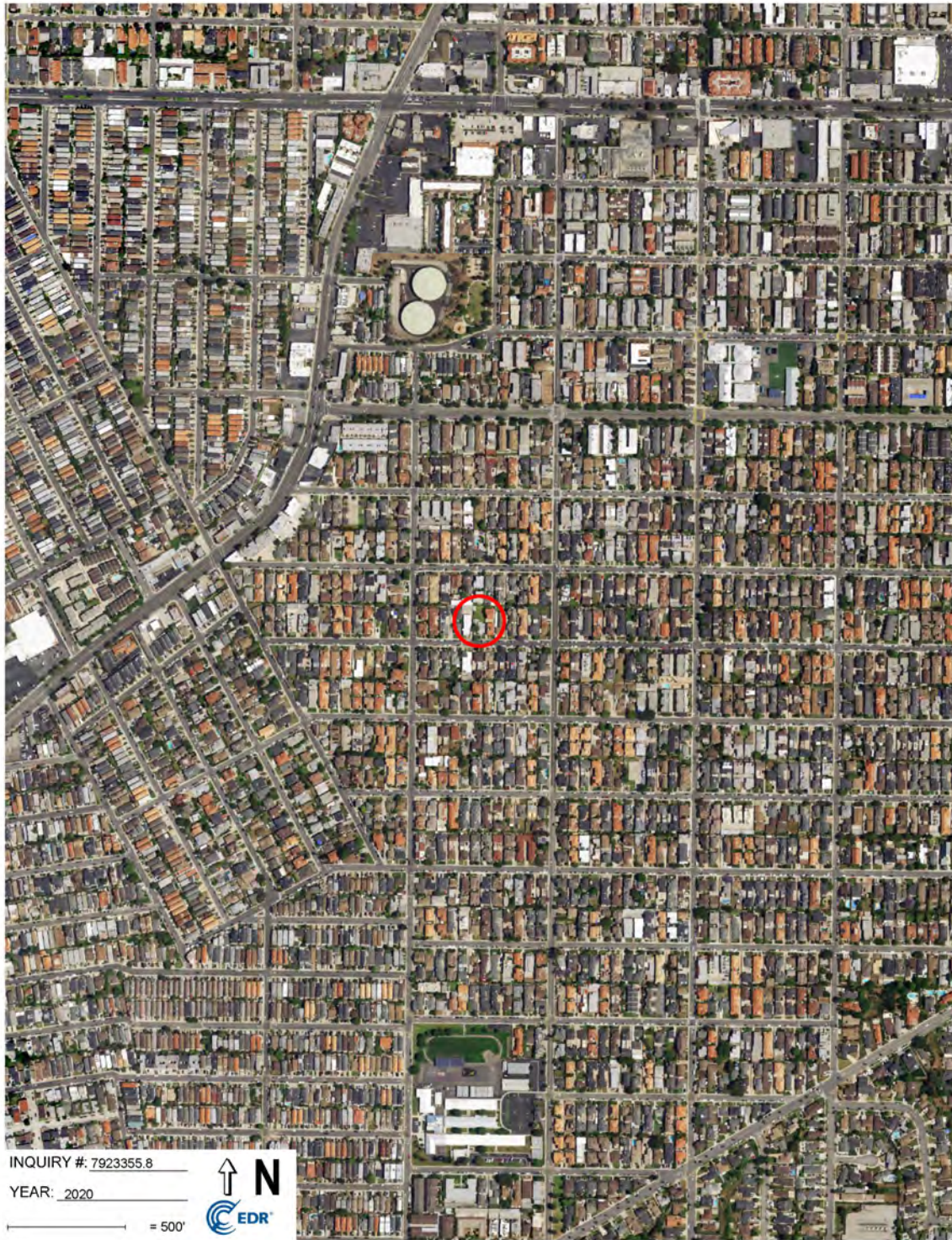
Aerial Photo 2009



Aerial Photo 2012

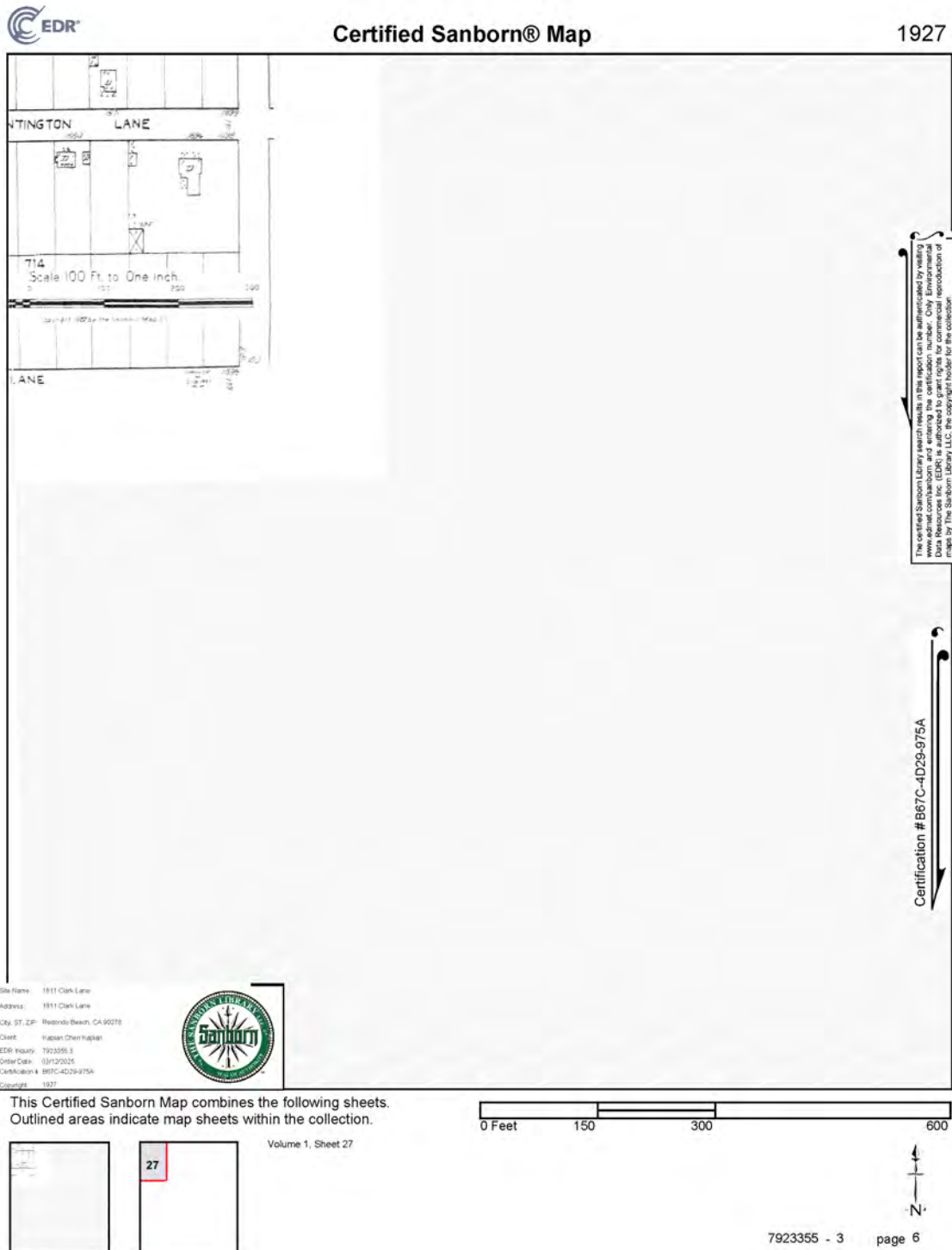


Aerial Photo 2016



Aerial Photo 2020

Sanborn Insurance Maps

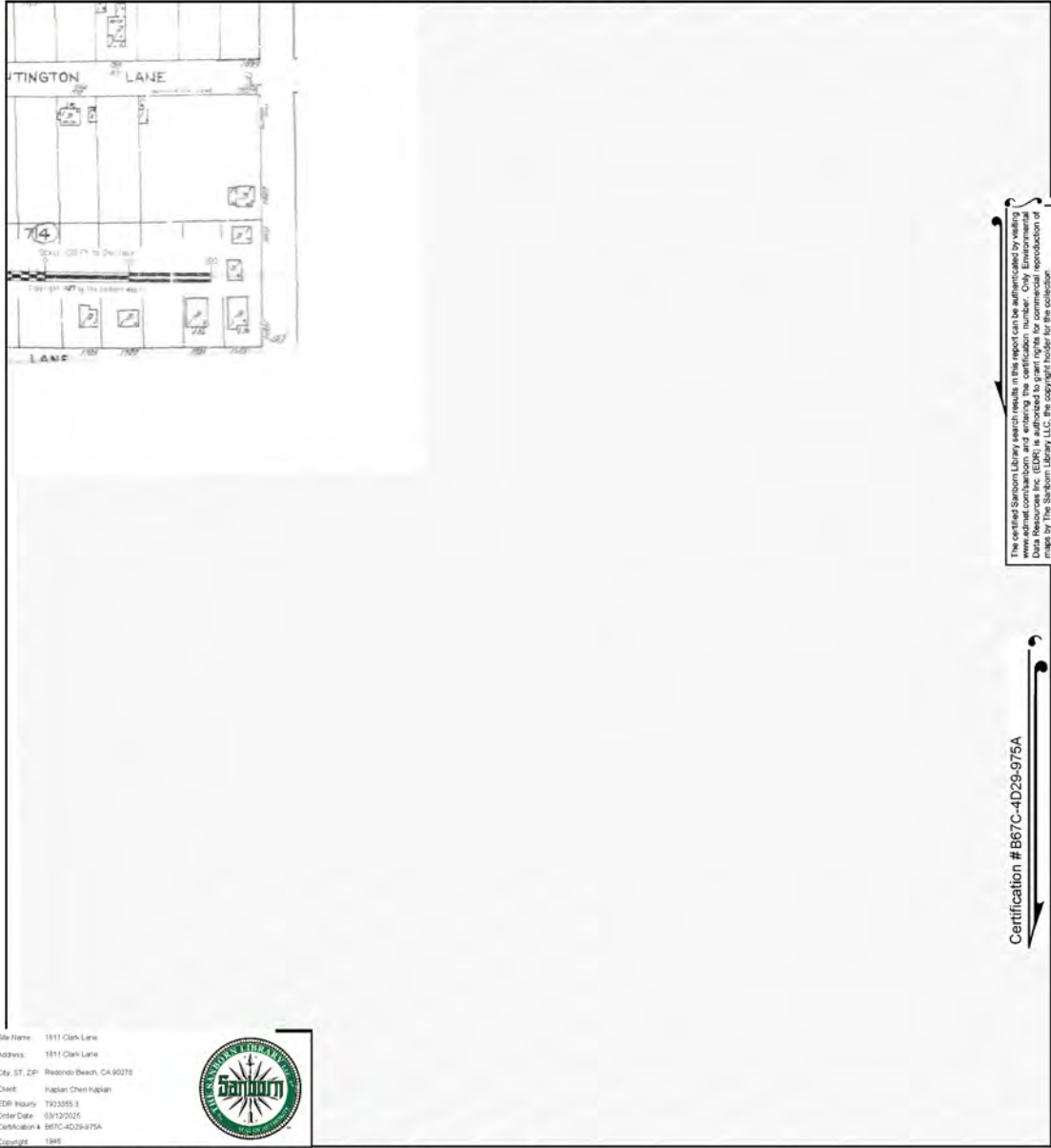


1927 Sanborn map (Not mapped)



Certified Sanborn® Map

1946



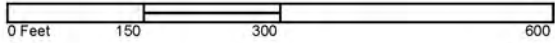
Site Name: 1811 Clark Lane
 Address: 1811 Clark Lane
 City, ST, ZIP: Redondo Beach, CA 90278
 Client: Kaplan Chen Kaplan
 EDR Inquiry: 7923355.3
 Order Date: 03/12/2025
 Certification #: B67C-4D29-975A
 Copyright: 1946



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 27



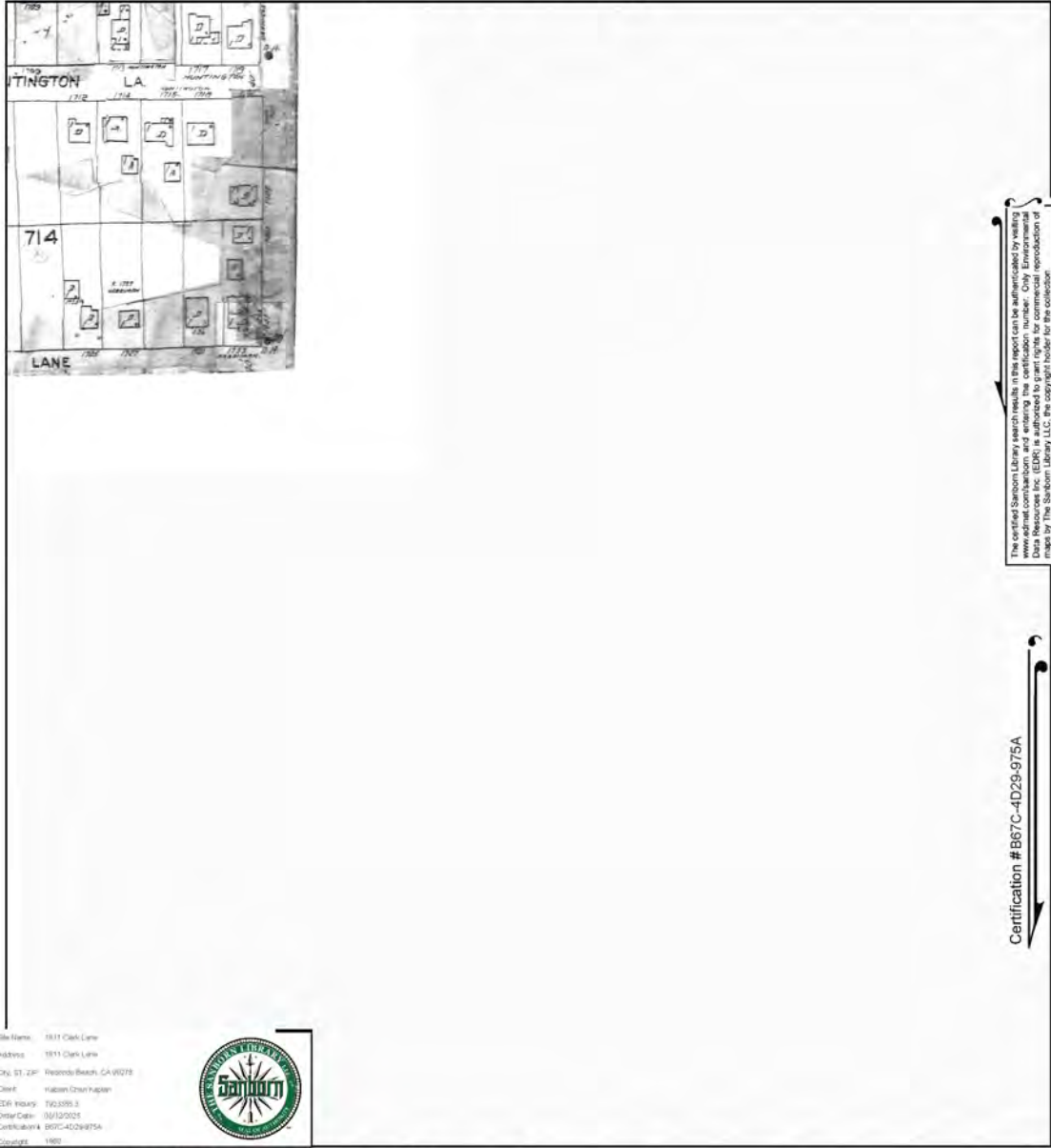
7923355 - 3 page 5

1946 Sanborn map (Not Mapped)



Certified Sanborn® Map

1960



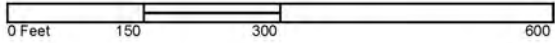
Site Name: 1811 Clark Lane
 Address: 1811 Clark Lane
 City, St, ZIP: Redondo Beach, CA 90278
 Client: Kaplan Chen Kaplan
 EDR Project: 7923355-3
 Order Date: 03/12/2025
 Certification #: B67C-4D29-975A
 Coverage: 1960



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 27



7923355 - 3 page 4

1960 Sanborn map (Not Mapped)

ATTACHMENT E: DPR Record (1996)

Primary No. _____
HRI No. _____
Trinomial _____
NRHP Status Code _____

Page 1 of 1

Other Listing _____
Review Code _____ Reviewer _____ Date _____

P1. Resource Identifier Single Family Residential Property

P2. Location: a. County Los Angeles and (Address and/or UTM Coordinates. Attach Location Map as required.)

b. Address 1811 Clark Lane
City Redondo Beach, California Zip 90278

c. UTM: USGS Quad Inglewood (7.5'/15') Date 1981 Zone 11 NE 11N

d. Other Locational Data (e.g. parcel no., legal description, directions to resource, additional UTMs, etc. when appropriate.)

A.P.N. - 4161001017

P3. Description (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries.)

Single-story, rectangular building, in a Craftsman cottage style, with gabled roof and wood siding. Original windows have been replaced with aluminum-frame sliding windows. Building is in good condition.

Alterations are minor, consisting of a rear addition on the building's northern elevation.

Property includes a car barn.

Structure likely eligible for local designation.

4. Resources Present: Building Structure Object Site District Element of District

Drawing (Photo _____ res, and Objects.)

Date Constructed/Age:
 Prehistoric Historic Both
1929



Owner and Address:
c/o City of Redondo Beach, Planning Dept.
415 Diamond Street
Redondo Beach, California 90278

Recorded by: (Name, Affiliation and Address)
McKenna, J.A., K. Bennett, S. Schacht
McKenna et al.
6008 Friends Avenue
Whittier, California 90601
(310) 696-3852 or (310) 693-4059 FAX

Date Recorded: March-July 1996

Type of Survey: Intensive Reconnaissance
 Other

Project Name: Historic Resources Survey - Architectural

P11. Report Citation (Provide full citation or enter "none".): McKenna, Jeanette A., et al. - Historic Resources Survey for the City of Redondo Beach, Los Angeles County, California. (on file, UCLA Regional Information Center).

Attachments: NONE Map Sheet Continuation Sheet Building, Structure, Object Record Linear Resource Record Archaeological Record District Record Milling Station Record Rock Art Record Artifact Record Photograph Record Other (List):



CITY OF REDONDO BEACH

EXEMPTION DECLARATION PURSUANT TO THE CALIFORNIA ENVIRONMENTAL QUALITY ACT

DATE: August 13, 2025

PROJECT ADDRESS: 1811 Clark Lane

PROPOSED PROJECT: Consideration of Certificate of Appropriateness applications to demolish a potentially historic single-family residential structure at 1811 Clark Lane, pursuant to Chapter 4, Title 10 of the Redondo Beach Municipal Code.

In accordance with Chapter 3, Title 10, Section 10-3.301(a) of the Redondo Beach Municipal Code, the above-referenced project is Categorical Exempt from the preparation of environmental review documents pursuant to:

Section 15301 which states in part that minor alterations of existing public or private facilities involving negligible expansion are exempt. This finding is supported by the fact that the project consists of the demolition a potentially historic single-family residential structure at 1811 Clark Lane, which meets the criteria for Categorical Exemption 15301 under the California Environmental Quality Act.

Steven Giang
Steven Giang
Senior Planner



**Community Development Department
Planning Division**

415 Diamond Street, P.O. Box 270
Redondo Beach, California 90277-0270
www.redondo.org

tel: 310 318-0637
fax: 310 372-8021

Historic Preservation Application

Date: 05/22/2025

Applicant Information

Applicant's Name: Austin Zahn
Mailing Address: 350 S PCH Ste D-200
City, State, Zip: El Segundo, CA 90245

Telephone: (310) 613-1251
Applicant's Email: austin@lyonstahl.com

Owner Information

Owner Name: Ronald Seydel
Address: 3367 Kallin Ave, Long Beach,
CA 90808

Phone: 562-472-5615
Email: ronaldseydel@gmail.com

Authorized Agent Information

Authorized Agent: Austin Zahn
Address: 350 S PCH Ste D-200, El
Segundo, CA 90245

Phone: (310) 613-1251
Email: austin@lyonstahl.com

Architect/Engineer/Designer Information

Name: Boris Flores
Address:

Phone:
Email:
License #:

Property Information

Zoning: RB R2
Legal Description: REDONDO VILLA TRACT W
5 FT OF LOT 19 AND ALL OF
LOT 18
Site Area: 850

Floor Area Ratio: 10%
Coastal Zone?: No
Project Type: Certificate of Appropriateness

Historical Status of the Property

When was the historical resource built (if any additions, list separately): 1929

What is the rating in Historical Resources Survey: A

Is the property a designated "Landmark" property? No

Is the property located in a historic district? No

If so, which district? Catalina District

Describe how the project is compatible with the historic district:

What is the architectural style? Bungalow and Craftsman

Describe the primary use of the property: Residence

Describe the type of construction: Wood Frame

Provide additional information if the application is for a Certificate of Appropriateness

Describe the scope of work: Contemporary 2 story detached townhomes with mezzanine

Is the project for a demolition or partial demolition of the historical resource? Yes

Is the project for an addition and/or remodel of the existing resource? No

Is the project for a new detached structure? Yes

Describe the condition of the historical resource? No

Is the proposed addition/remodel/new structure visible from the street or other public rights of way? Yes

Indicate how the proposed work is compatible with the original architectural style of the building. No

Provide additional information if the application is for a Landmark Designation

Are you the property owner? Yes

Is the property at least 50 years old? Yes

Provide information on the historic significance of the property (provide past ownership information, information about current and former uses, and any source documents if available): No historical significance, please see the completed, Historic Resource Evaluation by Kaplan Chen Kaplan.

Provide information on the architectural features that make the structure historically significant. (provide a historical report, photos, and any source documents if available): The property contains a simple bungalow and garage. The 1996 Inventory identified the building as of the Craftsman architectural style. An intensive review of the dwelling provided in this report shows that the dwelling does not possess character-defining features of the Craftsman architectural style. The dwelling is not representative of any historic architectural style.

Provide additional information if the application includes a request for a Variance

Note: Historic variances may only be applied to local landmarks and contributors in historic districts.

Is the property a local landmark, proposed local landmark or located in a designated historic district (required to be eligible for a historic variance)? No

Describe how the Historic Variance is necessary to provide for the appropriate adaptive reuse of an existing building, and/or to provide for the design and alteration of a building or site in a manner that will enhance its functional use and utility:

Describe how the Historic Variance will not prevent the use from being able to adequately function on the site:

Describe how the Historic Variance will not adversely impact property within the neighborhood and historic district, if a district has been formed:

Describe how the granting of the Historic Variance will not be contrary to the objectives of the General Plan:

Provide additional information if the application is for the Designation of Historic District

List of all properties proposed to be included in district (APN, address, owner's information):

Are the properties within the proposed Historic District contiguous? No

Are at least 75% of properties over 50 years or older? No

I do hereby certify that the information contained herein is true and correct.



Austin Zahn

05/22/2025

Date



Administrative Report

J.2., File # PA25-1141

Meeting Date: 8/13/2025

To: **PUBLIC AMENITIES COMMISSION**

From: STEVEN GIANG, SENIOR PLANNER

TITLE

A PUBLIC HEARING CONSIDERING A CEQA EXEMPTION DECLARATION AND CERTIFICATE OF APPROPRIATENESS APPLICATION FOR THE DEMOLITION OF A POTENTIALLY HISTORIC SINGLE-FAMILY RESIDENTIAL STRUCTURE, AND SEPARATE CONSIDERATION OF REMOVAL FROM THE POTENTIAL HISTORIC RESOURCES LIST AT 1224 HARPER AVENUE, PURSUANT TO CHAPTER 4, TITLE 10 OF THE REDONDO BEACH MUNICIPAL CODE.

APPLICANT: Mickel Khayat
ADDRESS: **1224 Harper Avenue**
APPLICATION NO: 2025-0255

RECOMMENDATION:

1. Open public hearing and administer oath;
2. Take testimony from staff, applicant, and interested parties;
3. Close public hearing and deliberate; and
4. Adopt a resolution by title only approving the request to remove the property from the Potential Historic Resources List subject to the findings and conditions contained therein, but if denied; then
5. Adopt a resolution by title only approving the Certificate of Appropriateness for the demolition of the residence at 1224 Harper Avenue.

A. A RESOLUTION OF THE PUBLIC AMENITIES COMMISSION OF THE CITY OF REDONDO BEACH, CALIFORNIA APPROVING THE REMOVAL OF A PROPERTY AT 1224 HARPER AVENUE FROM THE POTENTIALLY HISTORIC RESOURCES INVENTORY, PURSUANT TO CHAPTER 4, TITLE 10 OF THE REDONDO BEACH MUNICIPAL CODE.

B. A RESOLUTION OF THE PUBLIC AMENITIES COMMISSION OF THE CITY OF REDONDO BEACH, CALIFORNIA APPROVING A CEQA EXEMPTION DECLARATION AND CERTIFICATE OF APPROPRIATENESS THE DEMOLITION OF A POTENTIALLY HISTORIC SINGLE-FAMILY RESIDENTIAL STRUCTURE AT 1224 HARPER AVENUE, PURSUANT TO CHAPTER 4, TITLE 10 OF THE REDONDO BEACH MUNICIPAL CODE.

EXECUTIVE SUMMARY

The applicant requests approval to demolish an existing single-family residential structure and as a separate action remove the property at 1224 Harper Avenue from the City of Redondo Beach Potential Historic Resource Survey Inventory List. The property, currently designated as potentially historic, has been thoroughly evaluated and found not to meet eligibility criteria for historic designation. Two separate resolutions have been prepared for consideration, one to remove the property from the Potential Historic Resource List and the second for demolition of the residence. The Public Amenities Commission (PAC) has the following two options:

1. Approve the Resolution 'A' to delist the property from the Potential Historic Resources List. If approved no further action is required on Resolution 'B'.
2. Deny Resolution 'A' to delist the property from the Potential Historic Resource List. If denied the PAC must then consider and take action on Resolution 'B' to demolish a residence on the Potential Historic Resources List

BACKGROUND:

The property at 1224 Harper Avenue is located within the North Redondo Beach area of Redondo Beach, California, specifically in the Redondo Villa Tract, recorded in 1905. It is positioned in a residential neighborhood that has significantly evolved since its initial subdivision. Originally subdivided by George Peck, the area was marketed for modest single-family homes rather than agriculture. The property, constructed in 1914, is situated mid-block on a 7500-square-foot lot and contains a two-story, wood-frame single-family residence.

Though originally classified as a Craftsman bungalow in the 1996 Historic Resource Survey, the recent comprehensive analysis by Chronicle Heritage (June 27, 2025) has found that the building lacks significant Craftsman architectural features due to significant modifications to the home the life of the property. This evaluation highlighted alterations including horizontal clapboard siding that was installed in the 1970s, vinyl and aluminum replacement windows, altered openings, a detached shed with gambrel roof, an enclosed rear porch, and a now demolished secondary residential structure that once existed on-site, features that do not align with Craftsman or limit historical significance of the property.

The property was never significantly associated with historic persons, events, agriculture, or the broader historical development patterns of North Redondo Beach. Surrounding development over time has further altered the historic setting, introducing modern, multi-family residential structures that contrast significantly with the original modest single-family residences.

The Public Amenities Commission is considering two mutually exclusive actions for the property at 1224 Harper Avenue. The first action is to formally remove the historic resource designation based on comprehensive evidence provided in the June 2025 Chronicle Heritage Historic Resource Assessment Report, demonstrating the property lacks historic significance and integrity. If the Commission approves this Resolution no action is required. If the Commission denies the request to delist, then it must consider the issuance of a Certificate of Appropriateness for demolition, based on specific project criteria in the Redondo Beach Municipal Code.

Resolution 'A' - Removal of a property from the potentially historic resource list.

The property owner of a property identified by the City as a potential historic resource may request that the property be removed from the list if they provide *“specific written and verifiable documentation refuting that the property meets the criteria for designation as a landmark as described herein”* (RBMC 10-4.311).

The Historic Resource Assessment Report for 1224 Harper Avenue presents a thorough and well-supported argument for removing the property from the City of Redondo Beach’s List of Historic Properties. The primary basis for this recommendation is the substantial loss of historical integrity resulting from extensive alterations. Nearly all original windows have been replaced with modern vinyl and aluminum units, the original entry porch has been modified with the addition of a second-story deck in 1983, and the former sleeping porch has been enclosed and altered. Additional modifications include new siding, the demolition of a secondary residential structure, and interior changes that have disrupted the original circulation and finishes. As a result, the property no longer retains integrity of design, materials, workmanship, or feeling, key aspects required for historic designation under federal, state, and local standards.

Furthermore, the property does not meet any of the eligibility criteria for listing in the National Register of Historic Places, the California Register of Historical Resources, or the City of Redondo Beach Landmark list. It is not associated with any significant historical events or persons, does not embody distinctive architectural characteristics or construction methods, is not the work of a master architect or builder, and does not have potential to yield important historical or archaeological information. Although the property was given a “B” ranking in earlier surveys conducted in 1986 and 1995, those evaluations were based on limited windshield surveys and lacked the in-depth, site-specific research and professional evaluation provided in the current report. Lastly, the property is not located within a designated historic district, which further reduces its contextual and collective significance. In light of these findings, the report provides a clear and compelling case for removing 1224 Harper Avenue from the list of potentially historic resources.

Resolution 'B' - Certificate of Appropriateness to demolish the single-family residence

To review the proposed demolition, the Commission shall issue a certificate of appropriateness only when it determines the following conditions to exist as applicable in each case:

#1 The structure and/or site is a hazard to public health or safety and repairs or stabilization are not physically possible; or

Not applicable, the structure is not at risk of structural failure, decay, safety hazards, or stabilization issues.

#2 The site is required for a public use which will be of more benefit to the public than the historic resource, and there is no feasible alternative location for the public use;

Not applicable, the site is not under review to be used as a public facility nor are any alternative locations being proposed.

#3 Removal of the resource to another site is not feasible or practical;

This criterion is applicable in the context of historic preservation. Given that the structure has undergone significant alterations that have removed or obscured many of its original features, including new siding, replacement windows, enclosure of porches, and interior remodeling, it no longer retains the integrity necessary to be considered a historic resource. Therefore, moving the structure would not serve any preservation purpose, and the report does not recommend or consider relocation as a feasible or practical option.

#4 For a building in an historic district, the proposed replacement structure will not detract from or adversely affect the character of the historic district;

Not applicable, the subject property is not within an historic district, this criterion cannot be applied.

#5 For a partial demolition or removal, such action will not result in the loss of the essential elements that make the resource significant.

This criterion is met. The Historic Resource Assessment clearly concludes that the property does not retain the essential elements required for historic designation. Its architectural integrity has been significantly compromised through alterations such as the addition of modern windows and doors, loss of original porch features, reconstruction of the rear deck, and demolition of a secondary structure. The evaluation concluded that the building does not meet local, state, or national criteria for historic designation. Therefore, the demolition will not result in the loss of any significant architectural or historical features, as none are present to preserve.

ATTACHMENTS

- a. Draft Resolution 'A'
- b. Draft Resolution 'B'
- c. Chronicle Heritage Historic Resource Assessment Report
- d. CEQA Exemption Declaration
- e. Application for Certificate of Appropriateness

RESOLUTION NO. 2025-08-PA-XX

A RESOLUTION OF THE PUBLIC AMENITIES COMMISSION OF THE CITY OF REDONDO BEACH, CALIFORNIA APPROVING THE REMOVAL OF A PROPERTY AT 1224 HARPER AVENUE FROM THE POTENTIALLY HISTORIC RESOURCES INVENTORY, PURSUANT TO CHAPTER 4, TITLE 10 OF THE REDONDO BEACH MUNICIPAL CODE.

WHEREAS, the property located at 1224 Harper Avenue, Redondo Beach, California, APN 4161-014-033, was included in the City of Redondo Beach Potential Historic Resources Inventory based on a 1996 survey that identified it as a potentially significant example of Craftsman-style architecture; and

WHEREAS, the applicant, Mickel Khayat, has submitted a request for removal of the historic resource designation; and

WHEREAS, pursuant to Section 10-4.311 of the Redondo Beach Municipal Code, a property may be removed from the inventory if verifiable documentation is provided that refutes its eligibility for landmark designation; and

WHEREAS, the applicant submitted a Historic Resource Assessment Report, dated June 27, 2025, prepared by Chronicle Heritage, which concluded that the property at 1224 Harper Avenue does not meet any of the criteria for designation as a City Landmark, nor does it meet the eligibility criteria for listing on the California Register of Historical Resources or the National Register of Historic Places; and

WHEREAS, on August 13, 2025, the Public Amenities Commission of the City of Redondo Beach held a public hearing to consider the application, at which time all interested parties were given an opportunity to be heard and to present evidence.

NOW, THEREFORE, THE PUBLIC AMENITIES COMMISSION OF THE CITY OF REDONDO BEACH DOES HEREBY FIND AS FOLLOWS:

SECTION 1. That proposal to remove 1224 Harper Avenue from the potential historic resource list is appropriate because the property no longer retains the physical or historical characteristics necessary for designation as a historic resource at the local, state, or national level. According to the Historic Resource Assessment Report, the home has undergone extensive alterations, including the replacement of nearly all original windows, significant modifications to the porches and siding, enclosure of original features, interior reconfiguration, and demolition of a secondary structure. These changes have resulted in a substantial loss of integrity in design, materials, and workmanship, meaning the property can no longer convey its original architectural style or historic significance. Additionally, research confirmed that the property is not

associated with significant historical events or persons and does not represent the work of a notable architect or builder. Given these findings, the property does not meet any of the criteria for listing as a City of Redondo Beach landmark, or for inclusion in the California or National Registers. Therefore, its removal from the potential historic resource list is fully justified.

SECTION 2. The Public Amenities Commission hereby approves the request to remove the property located at 1224 Harper Avenue from the City of Redondo Beach Potential Historic Resources Inventory

FINALLY BE IT RESOLVED, that the Public Amenities Commission forward a copy of this resolution to the Planning Commission, City Council, all appropriate City departments, and any other interested governmental and civic agencies.

PASSED, APPROVED AND ADOPTED this 13th day of August, 2025.

Preservation Commission Chair
City of Redondo Beach

The foregoing resolution was adopted on August 13, 2025 by the following vote:

AYES:

NOES:

ABSENT:

APPROVED AS TO FORM:

City Attorney's Office

RESOLUTION NO. 2025-08-PA-XX

A RESOLUTION OF THE PUBLIC AMENITIES COMMISSION OF THE CITY OF REDONDO BEACH, CALIFORNIA APPROVING A CEQA EXEMPTION DECLARATION AND CERTIFICATE OF APPROPRIATENESS THE DEMOLITION OF A POTENTIALLY HISTORIC SINGLE-FAMILY RESIDENTIAL STRUCTURE AT 1224 HARPER AVENUE, PURSUANT TO CHAPTER 4, TITLE 10 OF THE REDONDO BEACH MUNICIPAL CODE.

WHEREAS, the property located at 1224 Harper Avenue, Redondo Beach, California, APN 4161-014-033, is currently identified as a potentially historic resource on the City's Potential Historic Resources Inventory; and

WHEREAS, an application was filed by Mickel Khayat for a Certificate of Appropriateness to permit the demolition of one residential structure in an existing designated historic district located at 1224 Harper Avenue, pursuant to Chapter 4, Title 10 of the Municipal Code; and

WHEREAS, pursuant to Section 10-4.403 of the Redondo Beach Municipal Code, the Public Amenities Commission must evaluate a Certificate of Appropriateness for demolition against five specific criteria; and

WHEREAS, notice of the time and place of the public hearing was given according to the requirements of law; and

WHEREAS, on August 13, 2025, the Public Amenities Commission of the City of Redondo Beach held a public hearing to consider the applications, at which time all interested parties were given an opportunity to be heard and to present evidence.

NOW, THEREFORE, THE PUBLIC AMENITIES COMMISSION OF THE CITY OF REDONDO BEACH, CALIFORNIA, DOES HEREBY RESOLVE AS FOLLOWS:

SECTION 1. Based upon the findings contained herein, a Certificate of Appropriateness is hereby approved for the demolition of the existing structure at 1224 Harper Avenue, including removal of all exterior improvements and architectural features, in accordance with the submitted application and plans to the extent specified and represented therein, except as such work may be amended or modified by conditions set forth below.

SECTION 2. Pursuant to Article 2, Chapter 3, Title 10, of the Redondo Beach Municipal Code, the proposed project has been determined to be categorically exempt

from the requirements of the California Environmental Quality Act (CEQA), and an exemption declaration to this effect has been prepared and filed.

SECTION 3. As conditioned below, the proposed demolition of the existing structure at 1224 Harper Avenue conforms to the prescriptive standards adopted by the Preservation Commission and will not detrimentally alter, destroy, or adversely affect any exterior improvement or architectural feature of historic significance, as the Commission has determined that the property lacks association with significant events or persons, contains no defining Craftsman bungalow-style elements, and has irreversibly lost all aspects of integrity.

SECTION 4. This Certificate is approved on the basis of, and shall only be operative with, the applicant's compliance with the conditions listed below. Failure by the applicant or his/her successors in interest to comply with these conditions shall provide a basis for initiating enforcement proceedings pursuant to Article 7, Chapter 4, Title 10 of the Redondo Beach Municipal Code.

1. The approval granted herein is for the demolition of the existing structure at 1224 Harper Avenue, including removal of all exterior improvements and architectural features, approved by the Public Amenities Commission at its meeting on August 13, 2025.
2. No other work is authorized herein. If additional work outside of the scope of work identified on the plans is necessary, the applicant shall immediately contact Planning Staff prior to starting any work.
3. The Planning Division shall be authorized to approve minor changes, and shall inform the Commission of any such changes.
4. The applicant shall comply with all applicable requirements and obtain all necessary permits from the Building Division, Engineering Division, Fire Department, and any other agency with jurisdiction over the project.
5. In the event of a disagreement in the interpretation and/or application of these conditions, the issue shall be referred back to the Preservation Commission for a decision. The decision of the Commission shall be final.
6. Work performed shall be verified against plans submitted. If modifications to plans are necessary, amended plans shall be submitted prior to a change occurring, and subject to the approval of the Building and Planning Divisions as minor alterations, and the Public Amenities Commission, if deemed necessary for major changes.
7. Any deviations from the approved plans, and any future work needed to the site, shall be submitted and reviewed by the City's Planning Division. Major alterations

require Public Amenities Commission review. No future rehabilitation work may take place at the designated property without Planning Division review and approval.

PASSED, APPROVED AND ADOPTED this 13th day of August, 2025.

Preservation Commission Chair
City of Redondo Beach

The foregoing resolution was adopted on August 13, 2025 by the following vote:

AYES:

NOES:

ABSENT:

APPROVED AS TO FORM:

City Attorney's Office



CHRONICLE™
HERITAGE

Historic Resource Assessment Report 1224 Harper Avenue, City of Redondo Beach, Los Angeles County, California

Carrie Casteen, M.S.

June 27, 2025

**Historic Resource Assessment Report
1224 Harper Avenue, City of Redondo Beach,
Los Angeles County, California**

Prepared by:
Carrie Chasteen, M.S.

Prepared for:
Mickel Khayat

Technical Report No.: 25-236

Chronicle Heritage
55 East Huntington Drive, Suite 238
Arcadia, California 91006
(626) 408-8006

June 27, 2025

Abstract

Chronicle Heritage was contracted by Westlake Apartment Development LLC and the property owner to prepare a Historic Resource Assessment report (HRAR) for a single-family residence and detached garage at 1224 Harper Avenue, Redondo Beach, Los Angeles County, California (APN 4161-014-022; subject property). The subject property was identified as a “B” ranked property as a result of the 1986 Historic Resources Survey and the 1995 update of that survey.¹ Windshield surveys were conducted for the 1986 and 1995 surveys, which did not include site-specific research and an intensive evaluation. This HRAR was prepared to support an application for a Certificate of Appropriateness to remove the property from the City’s Historic Resources List. This HRAR was prepared by Carrie Chasteen, M.S., who meets the Secretary of the Interior’s professional qualification standards in the fields of History and Architectural History (36 CFR Part 61).

Chronicle Heritage staff obtained and reviewed the building permits for the parcel from the City. Additional research included a review of dates of construction and subsequent alterations determined by the building permit record as well as through additional resources such as the field inspection, Sanborn maps, oral history, and historical aerial photographs. Chronicle Heritage conducted a field inspection of the subject property on May 12, 2025, to ascertain the general condition and physical integrity of the buildings thereon. Digital photographs were taken during the site inspection. Field notes were made.

Because the subject property does not meet one or more eligibility criteria and does not possess integrity, it is not eligible for listing in federal, state, or local historical registers. Therefore, the subject property should be removed from the City of Redondo Beach’s List of Historic Properties.

¹ City of Redondo Beach, “The City of Redondo Beach Historic Context Statement.”

This page intentionally left blank.

Contents

INTRODUCTION	1
METHODS	3
RESEARCH CONDUCTED	3
FIELD METHODS	4
REGULATORY FRAMEWORK	4
FEDERAL	4
STATE OF CALIFORNIA	4
CITY OF REDONDO BEACH LANDMARK AND HISTORIC DISTRICT DESIGNATION CRITERIA	5
§ 10-4.201 Designation Criteria	5
§ 10-4.311 Removal of a Property from the Potential Historic Resource List	6
RECORD SEARCH	6
HISTORIC CONTEXT	6
1224 HARPER AVENUE	19
DESCRIPTION	19
CONSTRUCTION HISTORY.....	32
OWNERSHIP HISTORY	32
EVALUATION.....	32
FINDINGS AND CONCLUSIONS	33
REFERENCES CITED	35

Figures

Figure 1. Subject property location map.	2
Figure 2. Subject property sketch map.....	3
Figure 3. Overview of the primary residence, facing north.	19
Figure 4. Primary façade, circa 1974.	20
Figure 5. Porch on primary (southwestern) elevation, facing east.	21
Figure 6. Second-story deck, facing southeast.....	22
Figure 7. Northwestern elevation, facing southeast.	23
Figure 8. Southeastern elevation, facing north.	23
Figure 9. Rear (northeastern) elevation, facing southwest.	24
Figure 10. Rear elevation, exhibiting entrance and windows.	25
Figure 11. View of secondary residence, left of frame (demolished). Note original brick chimney and new siding and primary façade alterations under construction.	25
Figure 12. Detached shed, facing east.	26
Figure 13. Rear yard of property, facing northwest.....	26
Figure 14. Primary entrance and foyer, facing southwest.....	27
Figure 15. Kitchen and dining area, facing southwest.....	28
Figure 16. View of kitchen.....	28
Figure 17. View of hearth and fireplace.	29
Figure 18. Bathroom exhibiting stand-in shower.....	30
Figure 19. Bathroom exhibiting bathtub.....	31
Figure 20. Interior staircase, facing northeast.	31

This page intentionally left blank.

Introduction

Chronicle Heritage was contracted by Westlake Apartment Development LLC and the property owner to prepare a Historic Resource Assessment report (HRAR) for a single-family residence and detached garage at 1224 Harper Avenue, Redondo Beach, Los Angeles County, California (APN 4161-014-022; subject property; Figure 1 and Figure 2). The subject property was identified as a “B” ranked property as a result of the 1986 Historic Resources Survey and the 1995 update of that survey.² Windshield surveys were conducted for the 1986 and 1995 surveys, which did not include site-specific research and an intensive evaluation. This HRAR was prepared to support an application for a Certificate of Appropriateness to remove the property from the City’s Historic Resources List. This HRAR was prepared by Carrie Chasteen, M.S., who meets the Secretary of the Interior’s professional qualification standards in the fields of History and Architectural History (36 CFR Part 61).

² City of Redondo Beach.

Historic Resource Assessment Report, 1224 Harper Avenue,
 City of Redondo Beach, Los Angeles County, California

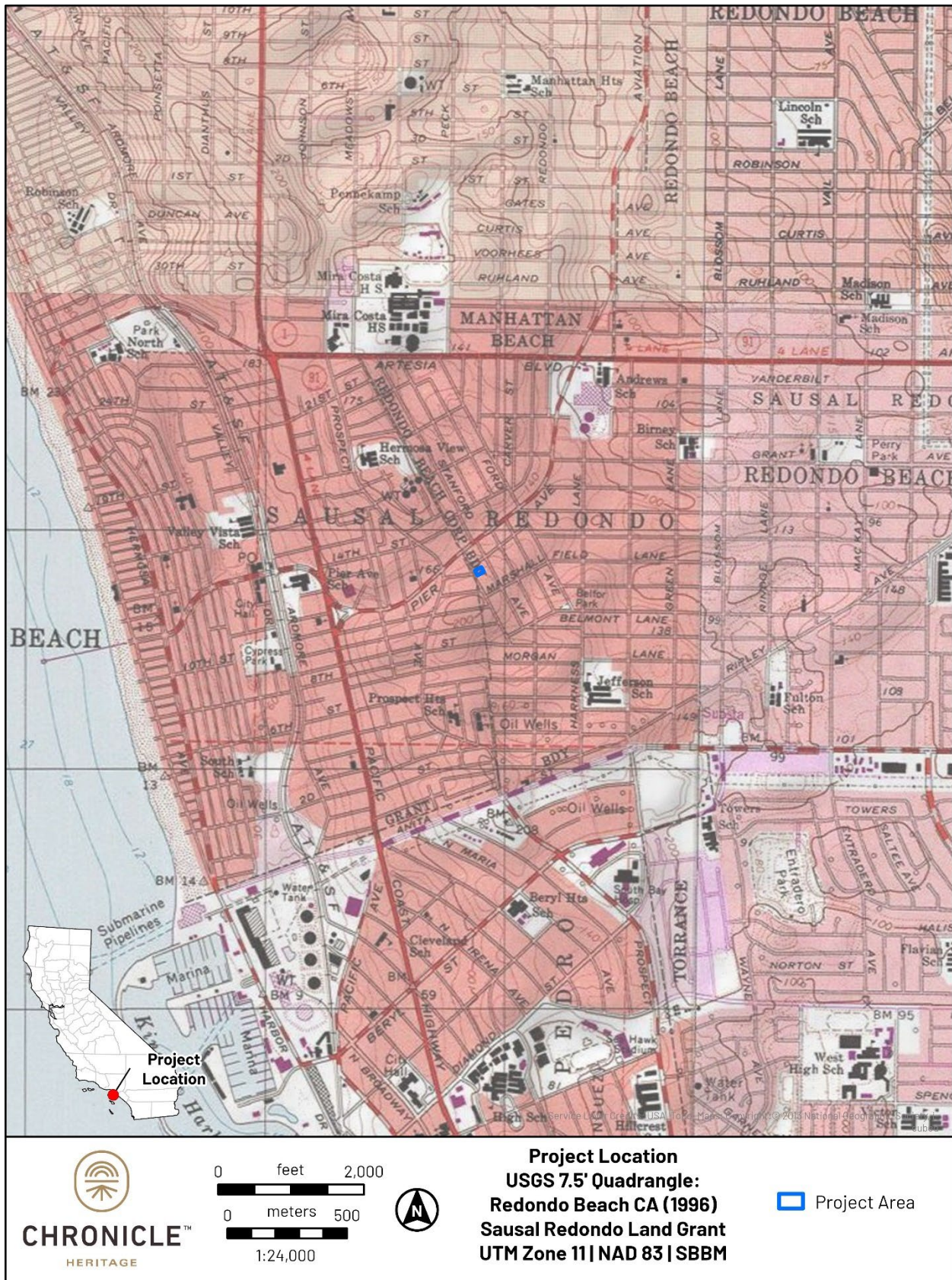


Figure 1. Subject property location map.



Figure 2. Subject property sketch map.

Methods

The assessment methodology consisted of research and field inspection of the building on the subject property and on neighboring properties.

Research Conducted

Chronicle Heritage staff obtained and reviewed the building permits for the parcel from the City. Additional research included a review of dates of construction and subsequent alterations determined by the building permit record as well as through additional resources such as the field inspection, Sanborn maps, oral history, and historical aerial photographs.

Field Methods

Chronicle Heritage conducted a field inspection of the subject property on May 12, 2025, to ascertain the general condition and physical integrity of the buildings thereon. Digital photographs were taken during the site inspection. Field notes were made.

Regulatory Framework

The buildings associated with the subject property were evaluated to determine if they constitute as a historical resource as defined by CEQA, using the eligibility criteria for listing in applicable federal, state, and local statutes and regulations.

Federal

The National Historic Preservation Act of 1966, as amended, defines the criteria to be considered eligible for listing in the National Register of Historic Places (NRHP):

The quality of significance in American history, architecture, archeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

- A. that are associated with events that have made a significant contribution to the broad patterns of our history; or
- B. that are associated with the lives of persons significant in our past; or
- C. that embody distinctive characteristics of a type, period, or method of construction; represent the work of a master or that possess high artistic value; or represent a significant and distinguishable entity whose components may lack individual distinction; or
- D. that have yielded, or may be likely to yield, information important in prehistory or history (36 Code of Federal Regulations [CFR] Section part 63).

According to *National Register Bulletin No. 15*, "to be eligible for listing in the [NRHP], a property must not only be shown to be significant under National Register criteria, but it also must have integrity." Integrity is defined in *National Register Bulletin No. 15* as, "the ability of a property to convey its significance."³ Within the concept of integrity, the NRHP recognizes the following seven aspects or qualities that in various combinations define integrity: location, design, setting, materials, workmanship, feeling, and association.

State of California

Section 5024.1(c), Title 14 CCR, Section 4852 of the California Public Resources Code defines the criteria to be considered eligible for listing in the CRHR:

³ National Park Service [NPS], "How to Apply the National Register Criteria for Evaluation."

A resource may be listed as an historical resource in the CRHR if it meets any of the following criteria:

1. Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage;
2. Is associated with the lives of persons important in our past;
3. Embodies the distinctive characteristics of a type, period, region, or method of construction; represents the work of an important creative individual; or possesses high artistic values; or
4. Has yielded, or may be likely to yield, information important in prehistory or history.

Section 4852(C) of the California Code of Regulations⁴ defines integrity as follows:

Integrity is the authenticity of an historical resource's physical identity evidenced by the survival of characteristics that existed during the resource's period of significance. Historical resources eligible for listing in the [CRHR] must meet one of the criteria of significance described in section 4852(b) of this chapter and retain enough of their historic character or appearance to be recognizable as historical resources and to convey the reasons for their significance. Historical resources that have been rehabilitated or restored may be evaluated for listing.

Integrity is evaluated with regard to the retention of location, design, setting, materials, workmanship, feeling, and association. It must also be judged with reference to the particular criteria under which a resource is proposed for eligibility. Alterations over time to a resource or historic changes in its use may themselves have historical, cultural, or architectural significance.

City of Redondo Beach Landmark and Historic District Designation Criteria

§ 10-4.201 Designation Criteria

For the purposes of this section, a historic resource may be designated a landmark, and an area may be designated a historic district pursuant to Article 3 of this chapter, if it meets one or more of the following criteria:

- (a) It exemplifies or reflects special elements of the City's cultural, social, economic, political, aesthetic, engineering, or architectural history; or
- (b) It is identified with persons or events significant in local, state, or national history; or
- (c) It embodies distinctive characteristics of a style, type, period, or method of construction or is a valuable example of the use of indigenous materials or craftsmanship; or
- (d) It is representative of the notable work of a builder, designer, or architect; or⁵

⁴ California Office of Historic Preservation, "California State Law and Historic Preservation: Statutes, Regulations and Administrative Policies Regarding Historic Preservation and Protection of Cultural and Historical Resources," 4853 (c), 66.

⁵ City of Coronado California Historic Resource Code, "City of Redondo Beach, CA," art. 2.

(e) Its unique location or singular physical characteristic(s) represents an established and familiar visual feature or landmark of a neighborhood, community, or the City.

§ 10-4.311 Removal of a Property from the Potential Historic Resource List

The owner of a property identified by the City as a potential historic resource may request that the property be removed from the list if he or she provides specific written and verifiable documentation refuting that the property meets the criteria for designation as a landmark as described herein. An example would be that documentation is discovered that an unknown architect designed a property that was thought to have been designed by a famous architect, or the structure has been altered to an extent that the historic integrity has been lost. The Commission shall review the request for removal following the same procedures identified in Sections 10-4.306, 10-4.308, and 10-4.309 herein.⁶

Record Search

In accordance with current policies and procedures of the California Historical Resource Information System, an equivalent record search was conducted by reviewing the Built Environment Resource Directory (BERD) for Los Angeles County, available from the California Office of Historic Preservation (updated September 23, 2022), historical U.S. Geological Survey (USGS) 7.5-minute series topographic maps, and aerial photographs for the Project site and adjacent properties. In addition to official maps and records, published registers and reports for the geographic area were reviewed:

- NRHP: Listed (2025)
- CRHR: Listed (2025)
- California State Historical Landmarks (1996 and updates)
- California Points of Historical Interest (1992 and updates)

The subject property is listed in the BERD with a status code of 7R, or “Identified in Reconnaissance Level Survey or in an Area of Potential Effect (APE): Not evaluated.” The subject property was identified as a “B” ranking in the 1995 Redondo Beach Historic Resources Survey. Surveys are valid for 5 years to allow for change of circumstances or new information [California Public Resources Code Section 5024.1(g)(4)]; therefore, the subject property must be re-evaluated using current professional standards and criteria. The subject property has not been otherwise previously evaluated.

Historic Context

The following historic context statement is quoted from the 1995 City of Redondo Beach Historic Context Statement.⁷

Most people think of Southern California as a region with only a recent heritage. It was, however, explored and claimed by Spain within the same time frame as the

⁶ City of Coronado California Historic Resource Code, art. 3.

⁷ City of Redondo Beach, “The City of Redondo Beach Historic Context Statement.”

English colonists' establishment of their footholds on the Atlantic Coast. In fact, while the American Revolution raged on the East Coast, Spanish Friars worked in the Los Angeles basin to establish missions and introduce European agricultural and architectural practices. The City of Los Angeles, which dates from 1781, preceded efforts to settle the southern portions of the east including areas which today constitute the states of Tennessee, Kentucky and Arkansas. By the 1830s, contact between Americans traveling by ship from Boston and the owners of Southern California's large ranchos had been established. Despite these initial contacts, however, the "American West" in the early 1840s still meant the area between the Appalachian Mountains and the Mississippi River, a region that included much of the present-day Midwest. Today, Southern California's historic sites and traditional names bear testimony to the long period of Spanish and Mexican rule as well as the settlement of America's frontier.

THE PASTORAL PERIOD: 1834 - 1887

The fifty-year period from approximately 1834 to 1887 is usually called the Pastoral Period in Southern California because it was characterized by a blend of Mexican and Anglo ranching life. Rancheros, or ranch owners, raised cattle and horses on vast open plains. Before the gold rush of the 1850s, the cattle were raised primarily for their hides - California dollars which were sold to seafaring merchants in exchange for finished goods and supplies from places as far away as Boston. Romantics have pictured this period as one of leisure and plenty, but, in truth, it represented the frontier living of a European society.

The pace quickened and life became more complex for the rancheros at the conclusion of the Mexican War in 1849. In this year, the United States and Mexico signed the Treaty of Guadalupe Hidalgo, ceding much of the Mexican north (the American Southwest), including California to the United States. The following two decades were marked by turmoil for the Mexican ranchers who made and lost fortunes from cattle sales to feed northern California miners during the great gold rush of the 1850s. These ranchers borrowed heavily from Americans to finance their efforts to prove land claims or meet other obligations, and faced with foreclosure, often lost large portions of their ranchos to satisfy comparatively small debts.

Finally, their wealth was decimated by a series of natural disasters, and by the mid 1860s it had become clear that the rancheros were unable to continue ranching in the style of their forbearers. Land sales mounted and American settlement increased. By the 1880s, the era of the ranchos was over. While the Mexican owners' losses were tragic, they meant that incoming Americans could acquire large tracts of land for a comparatively small price. Small farms dotted the plain between Los Angeles and the coast, and towns developed on the open land a full decade before the founding of Redondo Beach.

EARLY DEVELOPMENT OF REDONDO BEACH: 1887-1888

Except for the small section sold to the Pacific Salt Works Company, the Dominguez property remained intact until the mid 1880s when it was divided among surviving family members. Three Dominguez daughters shared in the section which fronted on Santa Monica Bay. Charles Silent, president of the Redondo Beach Company, purchased 1,000 acres from them according to an August 1887 agreement. The property included the 400-acre section called "Ocean Tracts" and

approximately 600 acres from the tracts immediately east of the Ocean section, called the "Dunes Tracts." He and his partners, including N. R. Vail and Dan McFarland, began to promote and create a new city on the bay. William Hammond Hall, California State Engineer, prepared the original site map for the town.

Carlson and Peck's "Redondo Villa Tracts"

The development of the approximately four square miles of land currently located in north Redondo Beach began in 1905 when W. H. Carlson became the managing land agent for George Peck and his entire Redondo Villa Tract. Peck had originally purchased the property in the late 1880s and in response to the announcement of Henry Huntington's investment in neighboring Redondo Beach, entered into an agreement with Carlson to develop his property.

Under their agreement, Carlson made all arrangements for the sub-division and marketing of the property. Purchasers of the property paid Carlson directly who in turn paid Peck \$20 for each lot sold. Upon receipt of this payment, Peck agreed to release the deed for the lot to its new owner.

The first section subdivided and marketed by Carlson opened in 1906. Generally referred to as the "Redondo Villa Tract," its boundaries are today defined by Ripley Avenue, Artesia Boulevard, Slauson Lane, and Prospect Avenue. One year later, Carlson subdivided an additional 160 acres within the "Redondo Villa Tract B." Today half of this tract falls within Redondo Beach and the other, to the west, within the City of Manhattan Beach. In both areas, Carlson selected street names which made direct reference to the leading industrialists of his era, and which created an illusion of wealth for the area's barren and gently rolling hills. Names such as Morgan, Stanford, Vanderbilt, Carnegie, and Rockefeller today offer testimony to Carlson and his hopes of future prosperity. Carlson also constructed a magnificent three-tiered, mission-style gateway marking the entrance to his sub-division, a small mission-style office structure and at least one large residence.

Carlson's plans for the Redondo Villa Tracts placed heavy reliance upon Huntington's large capital investment in order to define and establish the marketability of his development. Once Huntington laid the necessary rail connections and invested in local civic and infrastructure improvements, Carlson moved quickly to take advantage of the resulting land boom as well as Huntington's well-financed publicity blitz. While paying homage to Huntington as "Southern California's greatest financier, capitalist, and captain of industry," Carlson took full advantage of Huntington's capital investments by offering free rides to Redondo Beach and his property every day on Huntington's Red Cars. Offers of free passage appeared in advertisements throughout 1906 and 1907.

Unlike Huntington who promoted town lots, Carlson planned for a mixed-use development characterized by small resident-occupied farms. Within the Villa Tract, suitable lots could be had for as little as \$4.00 down and \$90.00 total. This approach was in keeping with advice offered by the era's agricultural leaders who encouraged people with little investment capital to purchase small farms and produce specialty crops. In particular, investors were encouraged to investigate the potential for poultry and dairy production as well as dry farming techniques. Through the careful selection of products, small farmers in the area could be provided with a reasonable level of assurance for future profitability. This was

especially true for the farmers of the Redondo Villa Tracts located within easy transport distance to the large Los Angeles market. Advertisements placed by Carlson emphasized the close proximity between his Redondo Villa Tracts, Los Angeles, and neighboring Redondo Beach. Carlson's selection of a rural development plan proved to be very successful. It also set into motion a pattern for an agricultural economy in the north Redondo area which continued well into the 1940s and 1950s.

In 1907 Carlson expanded his holdings through the purchase of property in Hermosa Beach, Shakespeare, and Manhattan Beach. This purchase extended his development site from the western edge of the Redondo Villa Tract to the ocean shore. While all of this land lies outside current-day Redondo Beach, this segment of Carlson's purchase was important in that it reflected the beliefs and aspirations which defined this period of Redondo's history. Like his contemporaries, Carlson aggressively promoted all aspects of the area's growth potential while at the same time working to establish a strong hold over at least one section of property which extended from the ocean front, inland. In one 1907 interview Carlson stated, I believe in the future of Los Angeles and in the fact that it is closely connected with Redondo, Hermosa, and the beach places in this district and it will be only a short time before that seashore is a portion of the Greater Los Angeles.

One year after making this statement, Carlson made a bold and financially risky move to link his entire holdings through the construction of an intra-development electric rail line. Within three months of the announcement of these plans however, came word that Carlson's Los Angeles Securities Company was experiencing serious financial difficulties. Immediately, creditors moved to place attachments on every article of value that could be located within the Villa Tracts. Hermosa authorities also moved to stop construction on the railway. By early 1909, however, Carlson had reached a tentative agreement with the city of Hermosa and announced the opening of his Port Orient Railway. All residents living within his Villa Tract rode for free. Unfortunately for residents of the Redondo Villa Tract who relied on Carlson's Port Orient Railway as their primary link with surrounding communities, the railway lasted little more than a year.

Redondo Villa Tract Residents Work to Define Their Community

While Carlson struggled to provide assurance to his creditors, residents of the Redondo Villa Tracts moved quickly to secure their interests in their property. For most, this meant the immediate payment of \$20 for each lot held. As middle-man between George Peck and the individual purchasers of lots, Carlson had failed to pass on to Peck the \$20 down payment paid by each lot holder. As a result, residents of the Redondo Villa Tracts found themselves paying the \$20 twice in order to secure title to their land. Immediately following this drain on resources came the announcement that the area's main supplier of water, the Hermosa Water Co., planned to increase rates by 300 percent. These early economic disruptions led to the formation of a cohesive community identity within the Redondo Villa Tract area at a very early stage in its development. Unlike the residents of neighboring Redondo Beach who continued to rely on support from absentee investment interests in the selection of community direction, residents of the Redondo Villa Tract area organized themselves into a cooperative stock company in

an attempt to identify alternative water sources and specialty crops which would prosper in the coastal environment.

The cultivation of the "Spineless Cactus" as an inexpensive cattle feed offered one such opportunity. In 1910, advertisements for the "Ocean Villa Intensive Farming Colony" began appearing in local newspapers. Carved out of the original Carlson holdings near Belvedere in the Grant School district, the colony specialized in the growing of spineless cactus, herbs, chrysanthemums and gladiolus. Aggressive promotion of the colony's principal product (spineless cactus) as well as its land holdings lent a unique and exotic aspect to this project and to the entire community. Early advertisements highlighted numerous positive features of the Colony including its close proximity to Los Angeles, its oiled road, and the fact that each lot came with a pre-drilled and active well. Lots could also be purchased pre-planted with choice varieties of spineless cactus and gladiolus. Project developers guaranteed that cultivation of the cactus alone would pay back the purchase price of any lot. House plans were also available for the construction of a modest residence ranging in price from \$45 to \$75. Advertisements stressing the ingenuity and economy of the Colony's house plans noted the combination sleeping porch and living room. Purchasers of Colony property also had the option of either marketing their crops themselves, or joining the Colony's co-operative partnership which helped members market their product in return for a fifty percent share of profits.

Civic Development and Community-based Promotion

The construction of a school house within the Villa Tract "Grant" district in 1908 served as one of the clearest physical indications of an emerging cohesive community identity within the north Redondo area. By 1911, the Grant district, today defined by Artesia Avenue and Aviation Boulevard, had begun to emerge as the center for the Redondo Villa Tract community. Within the area defined by the junction of these two major streets could be found Grant School as well as the community's principal business district. Residents of the neighborhoods in this area were the first to form organizations which promoted the community's interests.

In 1912, for example, residents formed the Redondo Villa Tract Improvement Association. Officers for the new organization represented local community builders and businessmen. While similar to the Redondo Beach Chamber of Commerce which formed four years earlier, the Improvement Association expanded its focus to include, in their words, "the forging of a prosperous future, making every necessary improvement relative to the community's welfare and building up the Villa Tract in every way possible."

Like the men, the wives of Improvement Association members also expressed concern over the conditions and future of their young community. At the urging of both the Association and the editors of the Redondo Reflex, the women formed the Ladies' Circle which sought ways of voicing their newly acquired right to vote in a "positive and progressive manner." Immediately following World War I two new community booster organizations formed. The first to form was the Grant District Civic Society, which represented the interests of those residents who hoped to help their district move away from its rural economy toward a more urban future.

This was followed by the formation of the Villa Tract Chamber of Commerce which represented the area's expanding commercial and real estate interests.

As additional property sold for rural development, residents of north Redondo approved a series of bonds for the construction of three schools on the Grant site, each larger than the one it replaced. After World War I, the community founded its first Parent Teacher Association which aggressively pursued a community building program. As a result, the school district added an auditorium and classrooms in 1919, and a free-standing building in 1922. The expansion of the Redondo Villa Tract community and its relatively prosperous state was also evidenced in the dedication of the Grant Community Church. This appears to be the area's first church and like the school, was located within the Grant district.

The continued sale of property within the Redondo Villa Tract area led to an organized movement toward annexation of the area in 1913. Four years later, in 1917, the issue formally went before the voters. Calls for annexation originated from both members of the Improvement Association as well as members of the Redondo Beach booster community. Leading the crusade against annexation, however, were the combined interests of the area's larger land owners. This group ultimately succeeded in squashing the Association's efforts by successfully promoting their argument that annexation would result in increased taxation. Residents of the original Redondo Beach townsite expressed annoyance over the Villa Tract's decision to reject annexation since many believed that ties with their northern neighbors would not only strengthen the entire community, but would also provide an expanded revenue base for the maintenance of the Redondo Beach harbor.

Despite its continued growth, the rural composition which characterized the Redondo Villa Tract remained essentially unchanged during the first two decades of the twentieth century. As a result, local boosters found it difficult to gain wide-spread support for their plans to modernize and partially urbanize their community. Community improvements during this period were limited to the resurfacing of the infamous "Hermosa wash-board" on Camino Real (Pacific Coast Highway) and the construction of a community club house on a lot owned by the newly formed Chamber of Commerce, adjacent to the Redondo Villa Tract arch. This trend continued until the early 1920s and the discovery of oil.

On the 27th of February 1920, J. D. Millar of the Interstate Realty Company of Los Angeles announced his purchase of 2,300 acres within the Villa Tract for the purpose of oil exploration. Within a year of Millar's development of his "Redondo Oil Lots," practically all land from Riverside Boulevard (190th) south to San Pedro Boulevard and from Redondo to Torrance had been leased for oil exploration and production. News articles from the period report that most of these leases were held by large companies. The first promising signs occurred on December 9, 1921 when Santa Fe well No. 1 began to flow. Located at the far southeastern corner of present-day north Redondo, this well offered strong incentive for the purchase and sale of property located within the eastern section of the Redondo Villa Tract. These two oil production projects began a sporadic land boom which continued over the next ten years and resulted in the further subdivision and settlement of the area.

Physical Evidence - Original Townsite

There are numerous pictures of the massive recreational structures which dominated the waterfront during this period. Unfortunately, like those of the earlier period, they were removed during the renewing of the harbor. One business structure, in particular, does remain and is on the locally designated list of historic landmarks. This is the Classic Revival Redondo Van and Storage building at 321 Diamond Street. Another private structure devoted to public service is the California Water Service Company Utility Building at 403 South Irena. Several homes from this period are also on the local landmarks list. These include representatives of Colonial Revival styles such as the Sweetser home at 417 Beryl Street and a group of Craftsman and California Bungalows. Once again, many of these are modest homes, reflecting the working-class families who populated the community. The Original Townsite Historic District/Gertruda Avenue Historic District, contains one- and two-story shingle homes which were owned by many of the city's professional men. Some of the other public buildings constructed in this general period include the First Methodist Church at 243 South Broadway and the Woman's Club (1922), which has been named to the National Register of Historic Places.

In 1913, Redondo Beach annexed the western portion of Clifton-by-the-Sea. At the time of annexation, a few homes had been constructed by Huntington and his investors. However, much of the property remained vacant. Various development schemes were advanced over the years, most of which involved the construction, relocation or enlargement of the area's golf course. Today, Huntington's original Clifton development is easily identified in the "L" shaped street pattern created by Avenues A through I (which form the lower or western portion of the "L" and are in the vicinity of Catalina Avenue, the Esplanade, and the ocean) and Avenues A through D (which form the upper segment of the "L" to the east and are perpendicular to Catalina Avenue and the Esplanade).

When first laid out, Huntington set the eastern avenues of his development aside for future rural/residential sites where lots were to be at least a half acre in size. This meant that new home construction was concentrated in the area closest to the ocean. As a result, housing in the eastern portion tends to be more recent than that located within the first two blocks bordering Catalina. Within the center of the "L" which defines the original Clifton site, is an area composed of parallel, curved streets surrounding Palos Verdes Boulevard. Although annexation records are not completely clear, this area appears to have been annexed to the City some time between 1913 and the early 1920s. Beginning in the late 1920s, at least a portion of this area served as the Redondo Beach Community Golf Club. Today, modern apartment houses now occupy the gentle terrain of the former golf course.

In the late 1920s, Avenues J through M of Huntington's Clifton-by-the-Sea were purchased by Clifford Reid and integrated into his Hollywood Riviera sub-division. To facilitate the development, the City of Redondo Beach voluntarily vacated its street easement rights. Today, very little remains of either the Huntington or Reid developments. A small portion of Avenue J is still visible although renamed Avenida Del Norte. Few if any residential sites exist in Redondo Beach since the majority of 1930s Mediterranean homes were constructed on the hills which lay within the city of Torrance. As a result, the Redondo Beach portion of the Hollywood Riviera

development is composed of commercial structures located in the "Village" centered on Catalina Avenue.

Between the time of its original subdivision in 1905 and the early 1920s, numerous structures were constructed in the north Redondo area. Unfortunately, few if any non-residential buildings remain to remind us of Carlson's original Redondo Villa Tract development. Most notable was the Grand Gateway to the tract with a central arch wide enough to accommodate at least five carriages placed side by side. The small mission-style office building is also gone. Other buildings important to this area's development include the Grant Community Church located at 1908 - 1910 Mathews Avenue and the Chamber of Commerce community club house once located adjacent to the Grand Gateway. Some structures may still remain from the early business district which began around Artesia and modern Aviation as early as 1911. If these structures exist, they may not be easily recognizable because of subsequent remodeling. Homes constructed as a part of the Ocean Villa Intensive Farming Colony ("Spineless Cactus Colony") may still exist. All would be modest residences and not immediately apparent for their architectural significance. One outstanding landmark, the Bissen (Fisk) House, located at 2604 Fisk Lane and constructed in approximately 1905, is an example of the farm houses constructed in the north Redondo area.

During the 1920s, the small commercial area centered around Grant School and the intersection of Artesia and Aviation boulevards continued to develop. One article published in the Redondo Daily Breeze noting this expansion trend stated:

In addition to home building activities the Riverside-Redondo blvd. (Artesia) promises to be a coming business section and the past few months have seen the establishment of several new gasoline stations, stores and at least one new industry. Lots on the Boulevard have doubled in value in the past six months and realty experts see further phenomenal advances in the value of the boulevard lots.

A variety of factors lay behind the area's commercial growth. Many of the businesses established during this period, especially the gasoline stations and eateries, relied upon the expanded use of personal automobiles as increasing numbers of people made the trip between Los Angeles and Redondo Beach by private car. The area's expanding population also played a significant role as housing tracts began to replace the area's single-family farms which had previously defined this northern area.

The establishment of housing tracts in the Redondo Villa community during the early 1920s was directly related to the exploration of oil. While exploration continued in the area's northeastern section, interest in the western portion of the Villa Tracts suddenly erupted as word of oil "pouring" from beneath the cap of a Hermosa oil site spread. This shift to the west resulted in yet another localized land boom as news articles perpetuated images of real estate agents "lining up to buy every available tract in the district." Paralleling the increased efforts in oil exploration came a demand for new home construction in almost every section of the Villa Tract. One news article joyfully referred to this period as the "new era of activity."

Civic Developments

The expanding population in north Redondo also led to calls for a variety of civic improvements. By 1926, for example, the Hermosa-Redondo Water Company experienced serious difficulty meeting the growing demand for residential water service. Only by installing new lines and a pumping facility capable of handling greater volumes of water was the company able to briefly stay abreast of demand. The water company's success was short-lived however.

The improved water service had raised property values which in turn led to an enlarged building program as land owners either subdivided previously rural or vacant land. The area's growing population also meant an increased need for educational facilities. As attendance at Grant School approached 200 in 1923, the community joined in the approval of a community-wide \$195,000 bond issue for the construction of new school facilities in their district as well as in Redondo Beach, Hermosa, Manhattan and Perry school districts. Community leaders also joined Redondo Beach in a partnership which led to the widening of Redondo (Aviation) Boulevard between Grant School and Pier Avenue.

The expanding population led to renewed efforts by the Redondo Villa Tract Chamber of Commerce to create a more urban environment. The Chamber's first major success in this direction occurred in 1926 when it convinced the County Board of Supervisors to reverse its decision to issue a permit to a large hog-raising operation which had received permission to establish in the north Redondo area. Immediately following this victory, the Chamber formed an annexation committee to once again pursue the annexation of the Villa Tract and Grant district, this time to the city of Hermosa Beach. Those in favor of annexation argued that it would encourage new development in the area and would give the Villa Tracts "an identity of real value." Those opposed countered with claims that annexation would lead to increased property taxes. In the end, this latter argument proved more persuasive and annexation efforts failed by a vote of 185 to 15.

ANNEXATION OF NORTH REDONDO - GROWING TOGETHER: 1927 - 1939

One year after its failed attempt to annex to the city of Hermosa Beach, the Villa Tract Chamber of Commerce joined forces with several leading organizations in Redondo Beach and organized yet another annexation drive. Behind this new effort lay the threat of a million-dollar street paving program proposed by Los Angeles interests who owned 37 percent of area's property. Chamber representatives argued that the proposed program was a blatant attempt to recoup lost profits from unproductive oil land, rather than a genuine attempt to modernize the community. This argument succeeded, and on September 20, 1927, voters approved the annexation of the Redondo Villa Tracts to the city of Redondo Beach by a slim margin of thirteen votes.

More than 90 percent of the eligible voters cast their ballots. At the time of its annexation, the north Redondo area served as home for more than two thousand residents. "It is by far the greatest thing that has ever happened to this city," declared Henry Froude, president of the Redondo Beach Chamber of Commerce. Not all considered the annexation in such a positive light, however. In 1928, several Los Angeles commercial interests filed suit seeking a reversal of the annexation decision. These suits were followed by yet another in 1930. Finally in 1931, the last

legal obstacle to the complete and definite annexation of the Villa Tract had been removed.

Residential Development

Although the sub-division forces which were apparent during the early 1920s subsided somewhat during the Depression era, residential tract development continued in north Redondo. Most notable was the Shore Acres sub-division created by the Home Extension Association. Located near the junction of Mathews Avenue and Phelan Lane, this housing project attempted to strike a balance between the original rural identity associated with the Redondo Villa Tract and the more recent identity of residential sub-division. Included as a part of this housing project plan was a co-operative market site where residents of Shore Acres sold produce raised on their property. Each Saturday residents sold flowers, fresh vegetables, fruits, eggs, chickens and even canaries to the surrounding communities from the community's market house. A parking area adjacent to the market house was also provided by the Home Extension Association in an effort to attract customers from the surrounding communities of Torrance, Manhattan Beach, Inglewood and Hermosa Beach.

In 1937, the Redondo Beach City Council formally recognized the increasing residential nature of north Redondo in its acceptance of a Planning Commission recommendation that the area known as Villa Tract No. 2 be rezoned from unlimited industrial to suburban uses. Since its subdivision as rural farm land in 1905, north Redondo had experienced several shifts in its economic identity. The first shift occurred in the early 1920s when the land originally subdivided by Carlson for rural development suddenly became popular for its oil producing potential. The annexation of the area in 1927 and its identification as the city's future industrial site, resulted in yet another shift. Following annexation, almost the entire eastern section of the original Villa Tracts was zoned for industrial purposes. The construction of the Golden State Fireworks Manufacturing Company on property adjacent to Villa Tract No. 2 in 1928 appeared to confirm this industrial trend. By the early 1930s, however, dreams of unlimited oil production had faded and speculators who had purchased land during the oil boom were seeking opportunities to subdivide their property into residential sites. This move marked the third shift in the area's economy and set into motion a struggle between those seeking residential development and those who sought to perpetuate an industrial economy.

Physical Evidence - North Redondo

A number of civic improvements occurred in north Redondo during this period as the community moved away from its original rural economy toward the establishment of industrial. Today, this tract is defined by Inglewood, Vail, Robinson and Artesia avenues.

One notable addition to the area was Villa Tract Pump Station No. 12, constructed in 1930. Site selection and building design were performed by the Public Works Engineering Corporation. William O. Wilkins of Redondo Beach served as contractor. Although small, great care had been taken in the attention to architectural detailing. Ornamental green scroll work and three large flower boxes

adorned this small Mission-style building. Inside, plumbing equipment moved water through newly-laid lines from Hermosa reservoir to the surrounding community.

The construction of a new fire station at 2021 Redondo Beach (Artesia) Boulevard also reflected the expansion of north Redondo. Tentative sketches for the station were approved by the Redondo Beach City Council in 1935. The building itself required a total city expenditure of \$1,500 for materials - an important consideration for a city suffering the restraints imposed by the Depression. Construction labor was provided through the Federal PWA program. The new station opened for business in December of 1938.

The Romanian Society club house, located at 2215 Grant Avenue and the North Redondo Community Hall offered residents a much needed opportunity to socialize. Both were located within the Grant district, in the center of the community's greatest residential settlement.

Residents of the Shore Acres sub-division met in the Community Hall regularly in order to attend Improvement Association meetings. Both served as important gathering sites for numerous organizations throughout the Second World War. Demand for the Community Hall became so great in fact, that prior to the construction of a new hall in 1940, the City Council had to intervene in order to settle scheduling disputes.

Tract housing construction occurred during this period despite the economic pressures of the Depression era. Most notable was the Shore Acres sub-division located near the junction of Mathews Avenue and Phelan Lane. Plans for this sub-division included a co-operative market house where residents could sell produce raised on their property. This development marked the community's transition from its earlier rural environment to the modern tract housing system.

The Manny House (1934), one of the City's historic landmarks, is an outstanding example of the many private residences constructed during this period. Undoubtedly others exist which merit equal recognition. Oil field structures tend to be ephemeral. Most disappear shortly after production was over, but here again, there could be concrete platforms or even vestiges of aging pumper rigs nestled into an otherwise unremarkable landscape.

WORLD WAR II EXPANSION

On the night of February 9, 1940 the southeastern section of the north Redondo community seemed to explode in a glorious display of fireworks. That night and for weeks afterward, people came in droves to see the accidental destruction of the Golden State Fireworks Manufacturing Company. They parked in all the vacant lots, in residents' driveways and in the open wheat fields. "The experience was beautiful, exciting and scary, and I will never forget the night of the blazing skies and red rockets," stated one resident. Although the company reopened on its original site during World War II and produced more than one hundred million artillery shells, prospects for its continued operation grew dim as the north Redondo community moved to fully embrace its post-war suburban identity.

A striking element of the residential growth in north Redondo following World War II were the tent communities which began to appear as veterans returned from the war. Faced with an acute shortage of rental property, veterans began purchasing

vacant lots on which to build their future homes. As an immediate answer to their families' housing needs and as a means of safeguarding valuable lumber, many veterans erected large tents as temporary shelters. As increasing numbers of tents began appearing in north Redondo, neighboring residents demanded that the City Council ban all forms of temporary housing.

Within two years of the Council's eviction of tent residents, property owners in north Redondo organized to boost building area minimums from 480 to 750 square feet. This debate, which eventually led to modifications in the district's building code, illustrated the significant changes which had occurred in north Redondo following World War II. Slowly at first and then more rapidly, a strong community of suburban residents had replaced the earlier sparse rural community which typified this area through the early 1940s. As increasing numbers of veterans and their families chose to settle in Redondo Beach and purchased the newly-constructed homes in and around north Redondo, the demand for a more urban setting and conveniences increased.

The Redondo Hills tract, north of Robinson Avenue, between Inglewood and Vail avenues was the first to develop. Following that, Safeway Homes offered property and houses adjacent to Redondo Hills. After fraud charges were proven against Safeway, a second concern completed the project. Another company, Security Construction Company of Los Angeles developed individual home sites throughout the area.

The increased demand for residential housing eventually culminated in the adoption of a re-zoning ordinance banning all poultry, rabbits, milk cows, horses and other domestic farm animals from the north Redondo area. Long-term residents strongly opposed this rezoning effort on the grounds that North Redondo had developed as a rural community. Many had invested their life savings in the purchase of small acreage in order to raise their own domestic animals and be somewhat self-dependent. Referring back to statements made by the original 1927 Annexation Committee that there would be no restrictions against local farming efforts except those already excluded by the County Health Department, some long-time residents attempted to block the zoning change. Unfortunately, the regional wave of sub-division combined with the tax advantages offered the city by real estate development companies were against such grass-root efforts to retain the rural environment.

Physical Evidence - North Redondo

The ten-year period between 1940 and 1950 brought many changes to the north Redondo area. Civic improvements, commercial development, and residential construction merged to reshape the community. The following offers a partial listing of these changes and related structures.

In 1940, the Redondo Beach city council approved plans for a new and expanded North Redondo Community Center to include a civic auditorium and a library. Preliminary drawings, plans and elevations were prepared by Walter O. Wurdeman of Wurdeman and Becket, a Los Angeles architectural firm. Following approval by the council, the city prepared an application for WPA Federal Aid to construct the project. These plans were placed on hold however by the entrance of the United States into the Second World War in 1941.

Immediately following World War II, residents of Redondo Beach voted with an overwhelming majority to modernize and expand their school system in the northern areas of the City. With the issuance of a new bond and the receipt of \$55,000 from the federal grant program, Redondo Beach began construction on the Lincoln School located on Vail Avenue between Farrell and Plant avenues. Three years later, additional rooms were added to accommodate the increasing number of students.

In 1948, the City began negotiations with the owners of a ten-acre site located on Lillienthal and Ripley avenues for the construction of a new elementary school. This effort was designed to alleviate over crowding at Grant and Beryl schools. In 1945, J.H. Kitchin and his wife expanded their Novelty Manufacturing Studio located at 1935 Redondo Beach Boulevard. The couple also owned the Southwest Souvenir Company which was located at the Pier. The Kitchins had established their manufacturing company on Redondo Beach Boulevard prior to the war. Here they manufactured abalone pearl, agate and moonstone jewelry which they sold in their store on the Pier. By the end of the war only the Kitchin's novelty company and one other remained in Redondo Beach area out of an original eighteen such operations. The Kitchins' novelty shop had been able to survive the war years using a large stock of gold wire, moonstones and abalone pearls. In 1945, as supplies became available once again, the Kitchins expanded the operation by adding a retail gift shop to the factory. Here, they sold costume jewelry, Laguna Pottery, watches, etc.

Announcements for the large Redondo Hills subdivision containing 145 , five and six-room houses appeared in 1943. Constructed on land purchased by Mrs. May Isabel Campbell Johnson, Redondo Hills represented 70 acres located north of Robinson Avenue, between Inglewood and Vail avenues. Plans included the paving of streets and the laying of sidewalks.

The initial ten homes were constructed on Pinkard, May and Timothy Avenues. Later in 1947, an additional 97 homes were completed on Perkins Lane and the surrounding streets which included Barkley Lane, the 2900 block of Gibson Lane, Blaisdell avenue, Carlsbad Street, Faber Street and McBain Street.

In 1948 plans to complete North Redondo's "New Tract" were announced by Safeway Homes Limited. Located within the remaining triangular section of the tract bordering the Redondo Hills development, Manhattan Beach Boulevard and Inglewood Avenue, the new Safeway sub-division offered promises of 150 new, two-bedroom homes set in a fully restricted site.

A second major developer who began work in North Redondo in 1948 was the Security Construction Company of Los Angeles. Rather than purchase and develop a single large tract, this housing construction company purchased individual 54 individual lots through out the area on which they constructed 40 homes which sold for \$4,000 and fourteen homes with sold for \$3,200. Advertisements for the project stated that all homes constructed would have three rooms and a bath and would be planned so that two additional rooms could be added without disturbing the original floor plan. A full list of all addresses is provided in the article entitled "\$200,000 Permit Value for 50 Small Homes On Scattered No. Redondo Sites."

Today, Redondo Beach remains a vibrant community focused that is fully developed with civic, institutional, and residential development.

1224 Harper Avenue

Description

The subject property includes a two-story single-family residence constructed in 1914 and an ancillary building. The residence is of wood construction and built in a rectangular footprint on a raised concrete base. The building is vernacular with elements of the Craftsman style (Figure 3). The building features a front-gabled roof with a moderate pitch sheathed in composition shingles. The building appears to be sided in horizontal clapboard throughout that was recently installed according to the property owner whose family has owned the property since the 1970s.

The primary façade has been substantially altered since the current owners purchased the property in the 1970s (Figure 4). The window and window openings have been altered, the original entry porch and primary entrance have been altered, and the primary façade has been substantially altered with ground and second floor porches.



Figure 3. Overview of the primary residence, facing north.



Figure 4. Primary façade, circa 1974.

The building's primary (southwestern) façade features a partially enclosed porch accessed by two steps and enclosed by wood balustrades and supported with wood columns (Figure 5). The primary entrance features a wood door inset with a stained glass window and flanked by wood multi-pane casement windows on either side. The door with stained glass is not original to the building according to the property owner. The original sleeping porch was enclosed and converted to living space at around this same time according to the property owner. The porch and entrance are covered by the second-story balcony deck, both of which were installed in 1983.⁸ Similar to the ground floor, the second-story balcony is enclosed by wood balustrades. The second floor appears to have two separate wood doors inset with multi-pane windows, each covered by an awning (Figure 6).

⁸ City of Redondo Beach. Permit No. LG-8351517. Issued November 21, 1983.



Figure 5. Porch on primary (southwestern) elevation, facing east.



Figure 6. Second-story deck, facing southeast.

The northwestern elevation features a chimney with a metal chimney cap (Figure 7). The northwestern elevation features only windows and no entrances. According to the property owner, an entry vestibule was located on this façade but was removed when the extant siding was installed. Windows include three vertical sliding vinyl units on the second story, two horizontal sliding vinyl units on the ground floor, and one original wood multi-pane unit flanking the chimney. The chimney has been enclosed with a modern vinyl siding with metal flashing.

Similar to the northwestern elevation, the southeastern elevation features only windows and no entrances. The southeastern elevation, however, includes a small attached wood cabinet that houses mechanical equipment and is clad in clapboard (Figure 8). The second floor includes three vertical sliding vinyl windows, whereas the first floor includes a single vertical sliding vinyl window and a horizontal sliding aluminum window. Aside from the single wood-frame window adjacent to the chimney, all windows have been replaced with modern vinyl and aluminum doors.



Figure 7. Northwestern elevation, facing southeast.



Figure 8. Southeastern elevation, facing north.

The rear (northeastern) elevation features a partially enclosed and covered porch. The porch was rebuilt and expanded when the current owners purchased the property in the 1970s according to the property owner. The rear porch is accessed by a five-step wood staircase flanked by wood railings on either side (Figure 9). The porch is enclosed by a wood balustrade and supports a wood awning above the porch. The wood awning is relatively flat and exhibits exposed rafters. The rear porch also includes a wood trellis underneath the deck. The rear elevation includes a single wood door inset with a window. Windows on the rear elevation include a pair of vertical sliding vinyl windows that flank the rear entrance and a pair of vertical sliding vinyl windows on the second story (Figure 10). The residence is in good condition overall.

The rear of the property includes a detached shed constructed of wood on a concrete base. The shed is rectangular in shape and exhibits a gambrel roof sheath in composition shingles with a minor overhang (Figure 12). The shed is sided in horizontal tongue-and-groove wood and exhibits wood doors on the primary (southwestern) elevation. The shed is in fair condition. The rear of the property also includes a manicured lawn, mature trees, and various flowers situated across multiple flowerbeds (Figure 13). According to the property, a smaller secondary residential building was previously in the rear of the property but was subsequently demolished (Figure 14).



Figure 9. Rear (northeastern) elevation, facing southwest.



Figure 10. Rear elevation, exhibiting entrance and windows.

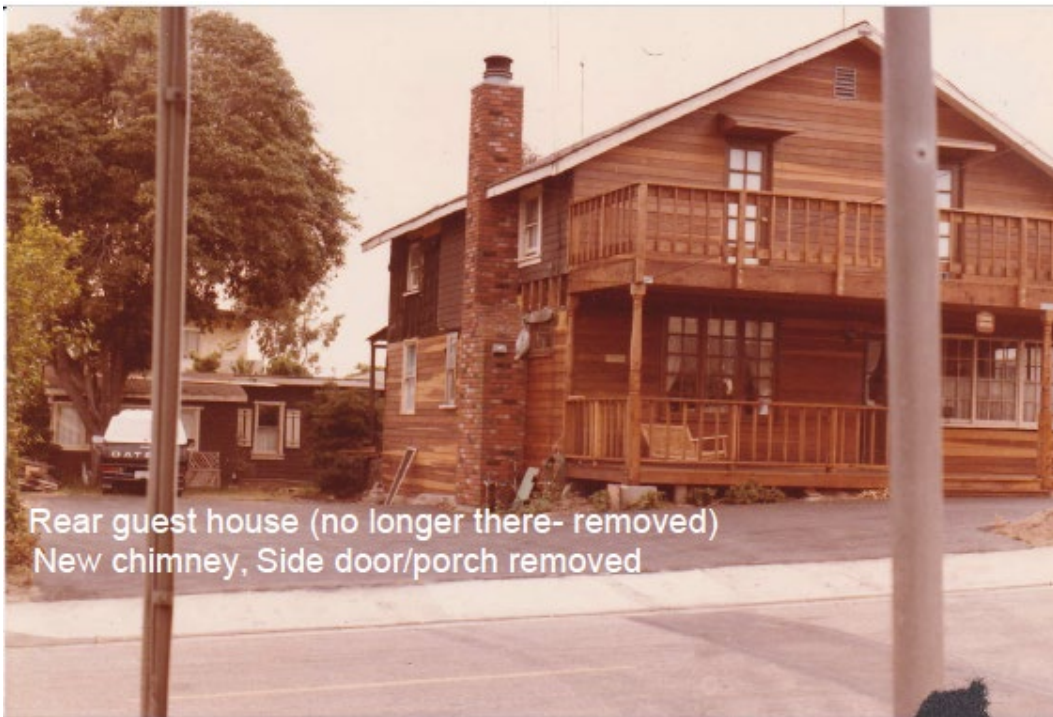


Figure 11. View of secondary residence, left of frame (demolished). Note original brick chimney and new siding and primary façade alterations under construction.



Figure 12. Detached shed, facing east.



Figure 13. Rear yard of property, facing northwest.

The interior of the subject property features a variety of flooring materials including wood, carpet, and linoleum. Siding on walls include wooden siding, stucco, brick, and wallpaper. The primary entrance leads into a small foyer, which is not original according to the property owner (Figure 14), that continues into the kitchen and dining room (Figure 15). The kitchen features modern appliances and wood cabinets (Figure 16). Most notably, the interior features a brick hearth and fireplace for the chimney (Figure 17). One bathroom features a stand-in shower (Figure 18), whereas the other includes a bathtub (Figure 19). The second story is accessed from a staircase near the rear end of the property. The staircase that leads up to the second story includes a single wood rail against the wood and is flanked by bedrooms on either side upon approaching the second story (Figure 20). The interior is in fair condition.



Figure 14. Primary entrance and foyer, facing southwest.



Figure 15. Kitchen and dining area, facing southwest.



Figure 16. View of kitchen.



Figure 17. View of hearth and fireplace.



Figure 18. Bathroom exhibiting stand-in shower.



Figure 19. Bathroom exhibiting bathtub.



Figure 20. Interior staircase, facing northeast.

Construction History

The original permit for the building is not available. The original architect, if any, and builder are unknown. The only permit received from a public records request was for the porch work on the primary façade.⁹ According to the property owner other alterations include:

- New siding
- Replacement of nearly all windows and several openings altered
- Replacement entry doors
- Chimney reclad
- Removal of secondary entrance and associated vestibule
- Reconstruction and expansion of rear porch
- Enclosure of original sleeping porch with replacement door with stained glass
- Demolition of secondary residence
- Interior alterations impacting circulation

Ownership History

Due to the sparsity of public records, a comprehensive ownership history could not be compiled.

Evaluation

The building has no known association with a specific event marking an important moment in history nor does it reflect an important pattern of events. The building is within the Redondo Villa Tract and was improved in 1914, 8 years after the tract was established. Based upon a review of the tract map and current size of the parcel (0.17 acre), the lot was not sold as a small farm. Based upon a review of historical topographic maps, this area of Redondo Beach was not noted for development until 1930, and no orchards or other types of agricultural lands are noted on the maps. Therefore, the subject property is not associated with the early agricultural development that spurred the residential development of Redondo Beach. Based upon a review of the City's historic context statement, the subject property is not noted for an association with a demonstrably significant event or pattern of events. The subject property has been substantially altered as described above and therefore does not convey an association with the early development of Redondo Beach.

No persons who made demonstrably significant contributions to the history of the nation, state, or region are known to be associated with the subject property.

The subject property is vernacular and does not reflect a style of architecture. Although the building reflects vestiges of the Craftsman style of architecture that was popular at the time the subject property was improved, they are common and do not reflect high artistic value. Due to substantial alterations, the subject property does not embody the distinctive characteristics of a type, period, or method of construction. The primary residence on the subject property has been substantially altered and does not retain integrity of design, materials, and craftsmanship.

⁹ City of Redondo Beach, "Permit No. LG-8351517."

The subject property was graded during construction, and there is no reason to assume the subject property would yield important information in prehistory or history.

Because the subject property does not meet one or more eligibility criteria and does not possess integrity, it is not eligible for listing in federal, state, or local historical registers. Therefore, the subject property should be removed from the City of Redondo Beach's List of Historic Properties.

Findings and Conclusions

Because the subject property does not meet one or more eligibility criteria and does not possess integrity, it is not eligible for listing in federal, state, or local historical registers. Therefore, the subject property should be removed from the City of Redondo Beach's List of Historic Properties.

This page intentionally left blank.

References Cited

- California Office of Historic Preservation. "California State Law and Historic Preservation: Statutes, Regulations and Administrative Policies Regarding Historic Preservation and Protection of Cultural and Historical Resources." Technical Assistance Series. Sacramento: California Office of Historic Preservation, 1999.
- City of Coronado California Historic Resource Code. "Chapter 84.10 Historic Resource Code." City of Redondo Beach, CA Code. Accessed June 27, 2025. <https://www.codepublishing.com/CA/Coronado/#!/Coronado84/Coronado8410.html#84.10.030>.
- City of Redondo Beach. "Permit No. LG-8351517," November 21, 1983.
- . "The City of Redondo Beach Historic Context Statement." Historic Resources Survey, 2023. <https://tinyurl.com/4rk6npb6>.
- National Park Service (NPS). "How to Apply the National Register Criteria for Evaluation." National Register Bulletin 15, Originally Published 1990. Washington, D.C.: U.S. Department of the Interior, National Park Service, Cultural Resources, National Register, History and Education, 1997. https://www.nps.gov/subjects/nationalregister/upload/NRB-15_web508.pdf.

This page intentionally left blank.



CHRONICLE™
HERITAGE

For General Inquiries:

T: (886) 563-2536

T: (602) 254-6280

info@chronicleheritage.com



NOTE
 THIS SURVEY AND MAP ARE THE PROPERTY OF EAGLE EYE LAND SURVEYING AND MAY NOT BE MODIFIED, ALTERED, OR CHANGED IN ANY FASHION WITHOUT PRIOR WRITTEN APPROVAL BY E.E. LAND SURVEYING AND THE CLIENT FOR WHOM THE SURVEY WAS PREPARED. THIS PROVISION EXTENDS TO THE RESULTING PLOT OF SAID MAP AND THE COMPUTER DISC OR E-MAIL OF THAT MAP AS PROVIDED TO THE CLIENT. ANY VIOLATION OF THIS PROVISION WILL VOID ANY PROFESSIONAL OBLIGATION OR WARRANTY, EITHER EXPRESSED OR IMPLIED, BY EAGLE EYE LAND SURVEYING AS TO SUCH CHANGED MATERIAL.

BASIS OF BEARINGS: N 28°45'00" W SHOWN AS THE CENTERLINE OF HARPER AVE. PER REDONDO VILLA TRACT NO. 4, M.B. 10/198, AS FILED IN THE RECORDS OF LOS ANGELES COUNTY.

E.E.
 LAND SURVEYING

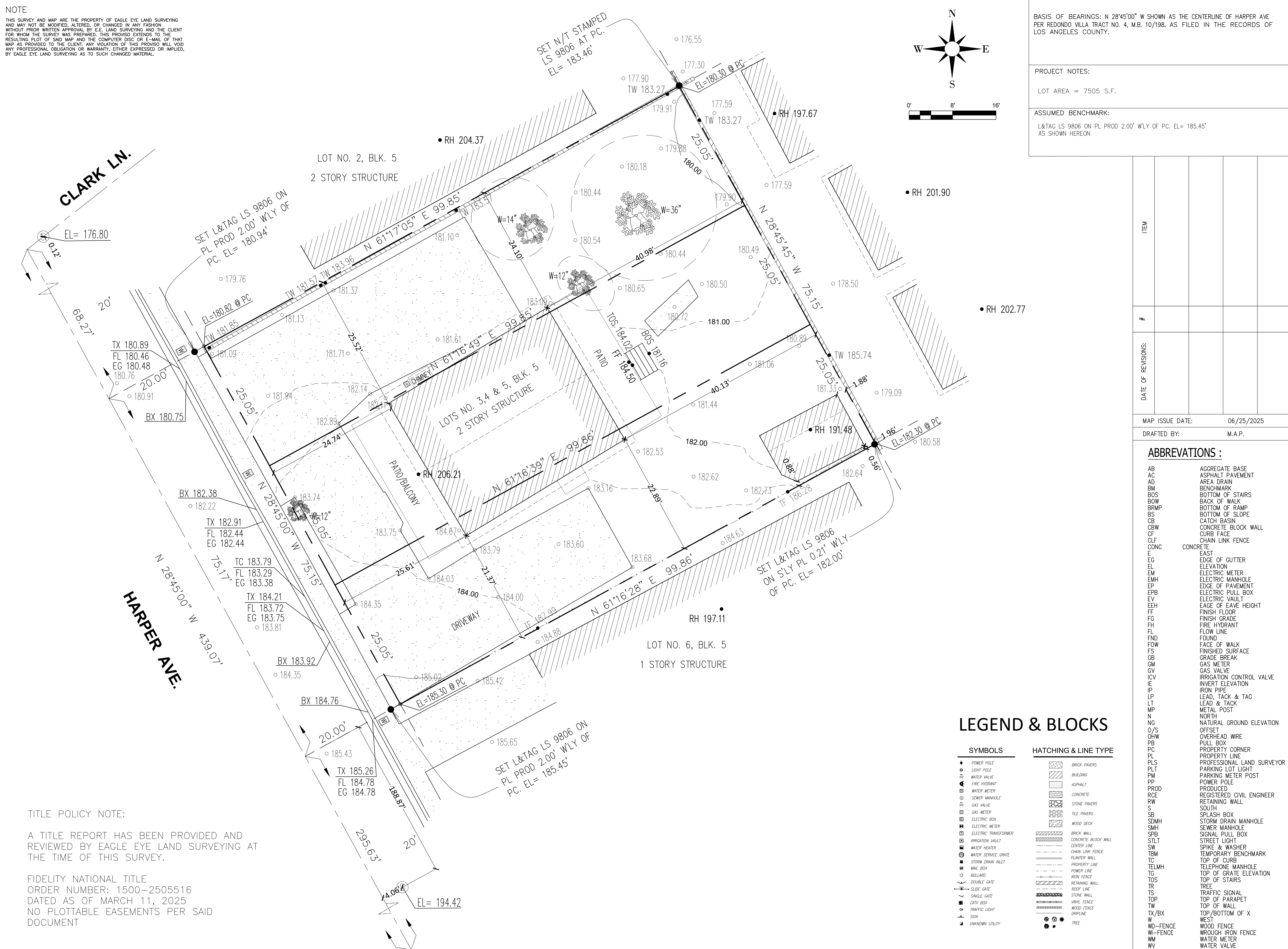
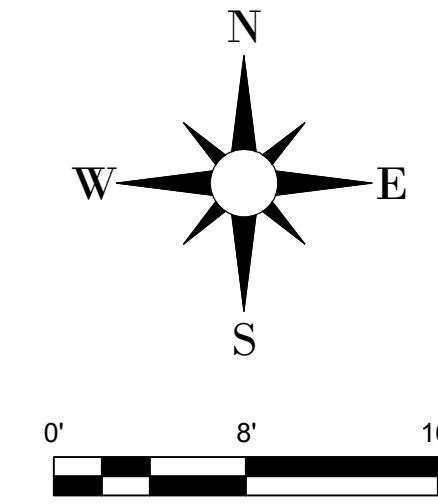
PROJECT NOTES:

LOT AREA = 7505 S.F.

ASSUMED BENCHMARK:

L&TAG LS 9806 ON PL PROD 2.00' WLY OF PC. EL= 185.45' AS SHOWN HEREON

CLIENT:
 KHAYAT
 PROJECT NO.
 25-177
 DATE:
 06/22/25
 ASSESSOR'S I.D. NUMBER:
 APN: 4161-014-022
 LEGAL DESCRIPTION
 LOTS NO. 3, 4 & 5, BLK. 5
 REDONDO VILLA TRACT NO 4
 M.B. 10/198



ITEM			
#			
DATE OF REVISIONS:			

MAP ISSUE DATE: 06/25/2025
 DRAFTED BY: M.A.P.

ABBREVIATIONS :

AB	AGGREGATE BASE
AC	ASPHALT PAVEMENT
AD	AREA DRAIN
BM	BENCHMARK
BOS	BOTTOM OF STAIRS
BOW	BACK OF WALK
BRMP	BOTTOM OF RAMP
BS	BOTTOM OF SLOPE
CB	CATCH BASIN
CBW	CONCRETE BLOCK WALL
CF	CURB FACE
CLF	CHAIN LINK FENCE
CONC	CONCRETE
E	EAST
EG	EDGE OF GUTTER
EM	ELEVATION
EMH	ELECTRIC MANHOLE
EP	EDGE OF PAVEMENT
EPB	ELECTRIC PULL BOX
EV	ELECTRIC VAULT
EEH	EDGE OF EAVE HEIGHT
FF	FINISH FLOOR
FG	FINISH GRADE
FL	FIRE HYDRANT
FLD	FLOW LINE
FND	FOUND
FW	FACE OF WALK
FS	FINISHED SURFACE
GB	GRADE BREAK
GM	GAS METER
GV	GAS VALVE
ICV	IRRIGATION CONTROL VALVE
IE	INVERT ELEVATION
IP	IRON PIPE
LP	LEAD, TACK & TAG
LT	LEAD & TACK
MP	METAL POST
N	NORTH
NC	NATURAL GROUND ELEVATION
O/S	OFFSET
OW	OVERHEAD WIRE
PB	PULL BOX
PC	PROPERTY CORNER
PL	PROPERTY LINE
PLS	PROFESSIONAL LAND SURVEYOR
PLT	PARKING LOT LIGHT
PM	PARKING METER POST
PP	POWER POLE
PROD	PRODUCED
RCE	REGISTERED CIVIL ENGINEER
RW	RETAINING WALL
S	SOUTH
SB	SPLASH BOX
SDMH	SEWER DRAIN MANHOLE
SMH	SEWER MANHOLE
SPB	SIGNAL PULL BOX
SLT	STREET LIGHT
SW	SPIKE & WASHER
TBM	TEMPORARY BENCHMARK
TC	TOP OF CURB
TELH	TELEPHONE MANHOLE
TE	TOP OF GRADE ELEVATION
TOS	TOP OF STAIRS
TR	TREE
TS	TRAFFIC SIGNAL
TOP	TOP OF PARAPET
TW	TOP OF WALL
TX/BX	TOP/BOTTOM OF X
W	WEST
WD-FENCE	WOOD FENCE
WI-FENCE	WROUGH IRON FENCE
WM	WATER METER
WV	WATER VALVE

LEGEND & BLOCKS

SYMBOLS	HATCHING & LINE TYPE
◆ POWER POLE	▨ BRICK PAVERS
○ LIGHT POLE	▩ BUILDING
○ WATER VALVE	▨ ASPHALT
○ FIRE HYDRANT	▨ CONCRETE
○ WATER METER	▨ STONE PAVERS
○ SINKER MANHOLE	▨ TILE PAVERS
○ GAS VALVE	▨ WOOD DECK
○ GAS METER	▨ BRICK WALL
○ ELECTRIC BOX	▨ CONCRETE BLOCK WALL
○ ELECTRIC METER	▨ PLASTER WALL
○ ELECTRIC TRANSFORMER	▨ CHAIN LINK FENCE
○ IRRIGATION VALVE	▨ CENTER LINE
○ MAIL BOX	▨ DRIVEWAY
○ WATER SERVICE GRATE	▨ IRON FENCE
○ STORM DRAIN INLET	▨ POWER LINE
○ BOLLARD	▨ PROPERTY LINE
○ DOUBLE GATE	▨ SLIDE GATE
○ SLIDE GATE	▨ RETAINING WALL
○ SINGLE GATE	▨ ROOF LINE
○ CATV BOX	▨ STONE WALL
○ TRAFFIC LIGHT	▨ VINYL FENCE
○ SIGN	▨ WOOD FENCE
○ UNKNOWN UTILITY	▨ DRIFLINE
	○ TREE

TITLE POLICY NOTE:
 A TITLE REPORT HAS BEEN PROVIDED AND REVIEWED BY EAGLE EYE LAND SURVEYING AT THE TIME OF THIS SURVEY.
 FIDELITY NATIONAL TITLE
 ORDER NUMBER: 1500-2505516
 DATED AS OF MARCH 11, 2025
 NO PLOTTABLE EASEMENTS PER SAID DOCUMENT

LICENSED LAND SURVEYOR
 ALL MAPS, PLATS, REPORTS, DESCRIPTIONS, OR OTHER DOCUMENTS ARE PREPARED UNDER THE RESPONSIBLE CHARGE OF A LICENSED LAND SURVEYOR, LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF CALIFORNIA, MICHAEL PROFET, LS 9806, PURSUANT TO THE PROFESSIONAL LAND SURVEYOR'S ACT BUSINESS AND PROFESSIONS CODE SECTION 8700-8805.



PREPARED BY:
EAGLE EYE LAND SURVEYING
 CIVIL ENGINEERING & LAND SURVEYING
 1601 PACIFIC COAST HWY.
 HERMOSA BEACH, CA 90254
 PHONE (562) 452-3519

BOUNDARY/TOPOGRAPHIC SURVEY
 1224 Harper Ave, Redondo Beach, CA 90278
 SITE ADDRESS:



CITY OF REDONDO BEACH

EXEMPTION DECLARATION PURSUANT TO THE CALIFORNIA ENVIRONMENTAL QUALITY ACT

DATE: August 13, 2025

PROJECT ADDRESS: 1224 Harper Avenue

PROPOSED PROJECT: Consideration of Certificate of Appropriateness applications to demolish a potentially historic single-family residential structure at 1224 Harper Avenue, pursuant to Chapter 4, Title 10 of the Redondo Beach Municipal Code.

In accordance with Chapter 3, Title 10, Section 10-3.301(a) of the Redondo Beach Municipal Code, the above-referenced project is Categorically Exempt from the preparation of environmental review documents pursuant to:

Section 15301 which states in part that minor alterations of existing public or private facilities involving negligible expansion are exempt. This finding is supported by the fact that the project consists of the demolition a potentially historic single-family residential structure at 1224 Harper Avenue, which meets the criteria for Categorical Exemption 15301 under the California Environmental Quality Act.

Steven Giang
Steven Giang
Senior Planner

CITY OF REDONDO BEACH
PRESERVATION COMMISSION

APPLICATION FOR CERTIFICATE OF APPROPRIATENESS

For landmarks or properties within a historic district, no person shall alter, restore, demolish, remove or relocate any exterior improvements or architectural feature without being granted a Certificate of Appropriateness.

The purpose of a Certificate of Appropriateness is to ensure that alterations to an historic landmark or property in a district retain the historic features, integrity, character etc. that make them significant.

There are four levels of review, depending on the extent of the application request.

- **Preservation Commission approval – for major changes and additions**
- **Voluntary Preliminary Design Review from Preservation Commission – for preliminary feedback on a potential design without a formal hearing or decision**
- **Minor Alterations Subcommittee approval – for minor exterior changes**
- **Staff approval – maintenance, repairs, and interior changes**

TYPE OF ALTERATION:	APPROVAL:	FEE:
Removal from Historic Resources List	Preservation Commission	\$5,175
New Structures	Preservation Commission	No fee
Structural Additions	Preservation Commission	No fee
Exterior alterations not defined as “minor”.	Preservation Commission	No fee
Changes to exterior finishes	Minor Alterations Subcommittee	No fee
Changes to or additions of doors and windows	Minor Alterations Subcommittee	No fee
Changes to or additions of appurtenances	Minor Alterations Subcommittee	No fee
Changes to or additions of flat concrete work	Minor Alterations Subcommittee	No fee
Changes to or additions of fences, walls or gates	Minor Alterations Subcommittee	No fee
Changes to landscaping	Minor Alterations Subcommittee	No fee
Exterior alterations not visible from the public right-of-way	Staff	No fee
Interior alterations	Staff	No fee
* Ordinary maintenance and repair including: - repainting (same color); - repairing of existing windows & doors with like materials; - re-roofing with same materials and colors; - similar types of replacements of existing with like kind.	Staff	No fee

PLEASE READ CAREFULLY

INSTRUCTIONS FOR FILING:

Application Form and Owner's Affidavit

- All information in this application shall be typed or legibly printed.
- Give full and complete answers to all questions.
- If necessary, attach extra sheet(s) to answer questions completely.

Plans and Photographs

- Submit ten (10) sets of plans drawn to scale and folded to a maximum size of 8 ½" by 11"
- Submit one (1) copy of photos, color board and material samples.
- Provide a digital PDF version of the plans and photos

Additional Requirements

- The applicant may be required to prepare a **Specific Preservation Plan** which shall address how any of the proposed alterations will affect the integrity of identified character-defining elements (see attached). It is recommended that the applicant consult with their design consultants, historic consultants and contractor to complete this Plan as ANY DEVIATIONS FROM THIS PLAN MUST BE APPROVED BY THE REDONDO BEACH PRESERVATION COMMISSION AT ONE OF THEIR REGULARLY SCHEDULED MEETINGS.
- The applicant may be required to prepare a **Historic Resources Report** (see Planning Staff for example), which shall define the historic, primary and secondary features of the structure and property that are considered integral to the historic designation.

Examples of Alterations requiring a Specific Preservation Plan and/or Historic Structures Report

- Additions of more than 500 square feet to an existing designated structure(s).
- Removal of more than 50% of exterior wall surfaces, roof, etc.
- Second-story addition to a one story structure.
- Environmental Assessment Form (may be required for major changes)

CITY OF REDONDO BEACH
 PLANNING DIVISION
 415 DIAMOND STREET
 REDONDO BEACH, CA 90277
 (310) 318-0637

APPLICATION NO.
DATE RECEIVED:

APPLICATION FOR CERTIFICATE OF APPROPRIATENESS

Application is hereby made to the Preservation Commission of the City of Redondo Beach, for a Certificate of Appropriateness pursuant to Section 10-4.401, Title 10, Chapter 4, of the Redondo Beach Municipal Code.

A	APPLICANT INFORMATION	
	STREET ADDRESS OF PROPERTY: 1224 Harper Avenue	
	EXACT LEGAL DESCRIPTION OF THE PROPERTY: LOT: 5 BLOCK: 5 TRACT: Redondo Villa	ZONING: R1-A
	RECORDED OWNER'S NAME: Drake Family Trust MAILING ADDRESS: 1224 Harper Avenue Redondo Beach, CA 90278 TELEPHONE: (424) 206-8497	AUTHORIZED AGENT'S NAME & EMAIL: MAILING ADDRESS: TELEPHONE:
B	PROJECT DESCRIPTION: Give the following data for the project:	
	Description of proposed project. Please note if it is in a Historic District and if it is visible from the public right-of-way. The proposed project would demolish existing to be replaced with three single-family residences consistent with the zoning code. The building is not located in a historic district. The building is visible from the public right-of-way.	
	Existing use(s) of site: Single-family residence.	
	Existing condition of structure: The existing building is in good condition, although substantially altered.	
	Indicate how the proposed work is compatible with the original architectural style of the building. If in a Historic District, indicate how the work is compatible with the overall character of the District. The existing building is substantially altered (see attached photos and previously completed work description) and is no longer eligible for consideration for listing in a historical register. The subject property is not located within a historic district and the project would not result in a visual impact to a potential historic district.	

OWNER'S AFFIDAVIT

Project address: 1224 Harper Avenue

Project description: Three single-family residences

I (We) ADANA CANNELLA, being duly sworn, depose and say I am (we are) the owner(s) of all or part of the property involved and that this application has been prepared in compliance with the requirements printed herein. I (we) further certify, under penalty of perjury that the foregoing statements and information presented herein are in all respects true and correct to be best of my (our) knowledge and belief.

Signature(s): 

Address: 21050 KITTRIDGE #501
CANOGA PARK, CA
91303

Phone No. (Res.) (310) 989-1824
(Bus.) _____

Subscribed and sworn to before me this 12 day of JUNE, 2025

FILING CLERK OR NOTARY PUBLIC

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) SS

See Attached Certificate

It is desirable, but not required, to have the signatures of owners of property in the immediate area affected, certifying that they have no objection to the proposed Certificate of Appropriateness.

NAME	ADDRESS	LOT	BLOCK	TRACT
William Chiang	1313 Clark Ave, 90278			
Janet Reynolds	1315 Clark Ave. 90278			
Donna Duffy	1233 Stanford Ave. 90278			
Stephanie Pitts	1230 Harper Ave 90278			
Janet	1220 Harper Ave. 90278			
Tsai Pan	1227 Stanford Ave 90278			
Agnes Karl	1212 Stanford Ave 90278			
Sara Butcher	1210 Stanford Ave 20278			
Janet Pitts	1209 Stanford Ave			
BRIAN MUELLER	1211 Stanford Ave 90278			

A. INSTRUCTIONS FOR GRAPHIC PORTIONS OF THE APPLICATION FOR PREPARATION

The chart below indicates the types of plans and information that are to be submitted for various types of proposals. Following the chart is a checklist for each requirement. Depending upon the nature of a proposal, City staff may permit certain items to be modified or deleted. The Preservation Commission reserves the ability to subsequently require omitted items to be provided, but this will be done only if considered to be essential to making a proper decision.

<u>DESCRIPTION OF PROJECT</u>	<u>SITE PLAN</u>	<u>EXISTING ELEVATIONS</u>	<u>PROPOSED ELEVATIONS</u>	<u>PHOTOS</u>	<u>COLOR BOARD</u>	<u>ROOF PLAN</u>	<u>MATERIAL SAMPLES</u>
BUILDING ADDITION/NEW INFILL CONSTRUCTION	✓	✓	✓	✓	✓	✓	✓
BUILDING ALTERATION	✓	✓	✓	✓	✓		✓
CHANGE OF PAINT COLOR		OPTIONAL		✓	✓		
WALLS, FENCES, GATES	✓		✓	✓	✓		✓
SIGNS	✓		✓	✓	✓		
HARDSCAPE	✓			✓	✓		
SOFTSCAPE (LANDSCAPING/VEGETATION)	✓			✓			
DEMOLITION	✓			✓			

1) SITE PLAN

Scale: Minimum 1/8 inch = 1 foot

General Information:

- North arrow.
- Title block (showing the address of subject property, name and address of person who prepared the map, scale of map, and date).
- Legal description.
- Size of lot.
- Percentage of lot coverage.
- Percentage of hardscape/landscape/open space cover.
- Proposed/required parking.

Topographical Survey:

- (Prepared by registered civil engineer or land surveyor)
- Contour lines to extend beyond all property lines up to 5 feet. Contours at intervals of 1 to 5 feet.
- Indicate: all property corner elevations, adjacent property elevations, elevation of finished floor and roof ridge of each building.

Property Dimensions:

- Dimension all property lines.
- Location and dimension easements (existing and proposed).

Buildings:

- Indicate: location and dimensions of all structures (existing and proposed) and required setbacks.
- Show structures to be demolished with dashed lines.
- Dimension space between buildings.
- Indicate dimensions from all structures to property lines.

Softscape:

- Indicate: existing major vegetation (note major vegetation to be removed and/or relocated) and proposed landscaped areas.

Parking/Access:

- Indicate and dimension: all curb cuts, driveways, and walkways, all parking spaces, access aisles and loading areas.
- Indicate: all adjacent streets, street dedications and improvements.

Improvements:

- Indicate: location, height, and material of walls and fences.
- Indicate: location, size and height of signs.
- Indicate: location and general nature of exterior lighting.

2) ARCHITECTURAL ELEVATIONS

- Minimum scale: ¼ inch = 1 foot
- Minimum scale for details 1 ½ inch to 3 inches = 1 foot.
- Where existing elevations are required; show all sides of the building or improvement.
- Where proposed elevations are required: provide separate elevations showing all sides of new buildings and improvements and all affected sides of altered buildings and improvements.
- Indicate height of all structures.
- Identify all types of exterior architectural materials.
- Significant architectural features and historic fabric must be shown in detail (doors, fenestration & design details).
- Show existing and finished grades.

3) PHOTOS:

- Minimum size 4" x 6" color prints (not polaroids) showing all sides of existing building(s), with additional photos showing features to be altered at close range. (Digital submittal of photos in addition to prints is also encouraged.)

4) COLOR BOARD:

- Through use of color samples or colored elevations, show the paint or finish colors for all exterior surfaces.

5) ROOF PLAN:

- Minimum scale: 1/8 inch = 1 foot
- Plan must illustrate relationship of new roof to roof(s) of existing building(s).

6) MATERIAL SAMPLES:

- Samples should include roofing and siding materials, trim, and other significant features; and should be of a sufficient size to evaluate the qualities of materials when actually applied to the building.

B. INSTRUCTIONS FOR SUPPLEMENTAL ITEMS – MEET WITH PLANNING DIVISION STAFF

1. PRESERVATION PLAN
2. HISTORIC STRUCTURE REPORT
3. ENVIRONMENTAL ASSESSMENT



Administrative Report

L.1., File # PA25-1130

Meeting Date: 8/13/2025

To: PUBLIC AMENITIES COMMISSION

From: KELLY ORTA, DEPUTY COMMUNITY SERVICES DIRECTOR

TITLE

PRESENTATION OF VOLUNTEER ACKNOWLEDGEMENT CERTIFICATES TO CARL LEACH AND MATTHEW MCCAULEY

BACKGROUND

In March 2023, the former Recreation and Parks Commission developed the Volunteer Acknowledgement Program, which was created to identify and celebrate those whose volunteer service has positively impacted the City's parks and greenspaces. The Public Amenities Commission ("Commission") elected to continue this recognition program when it absorbed the purview of the former Recreation and Parks Commission. Volunteer acknowledgement nomination forms, completed by members of the public, are submitted to staff and reviewed by Subcommittee members to determine whether the identified individual or group should be formally recognized by the Commission. Should the Subcommittee recommend approval, the Commission considers the nomination at a subsequent meeting. Current Subcommittee members are Commissioners Rowe and Caldwell.

At the March 19, 2025 meeting, the Commission approved the Subcommittee's recommendation to acknowledge Carl Leach and Matthew McCauley for their volunteer efforts throughout the City.

Carl has spent countless hours volunteering on behalf of the South Bay Parkland Conservancy, including at Wilderness Park and Alta Vista Park. He organizes and manages weekly and monthly volunteer efforts to help maintain, restore, and beautify Wilderness Park for the enjoyment of all visitors. He was also instrumental in the implementation of the Community Garden at Alta Vista Park, including the building of the fence, planting native plants on the hillside, installing the solar shade, and building the retaining wall. His efforts do not go unnoticed and staff greatly appreciates all that he does.

Matthew McCauley was nominated for his development and implementation of the Champions baseball league through the Redondo Sunset Little League. Champions is a baseball program that supports children of all abilities and provides safe space to play baseball in an inclusive environment. Over 40 children have had the opportunity to participate and benefit from this impressive league. Matthew's work on the Champions league is an inspiration.

ATTACHMENTS

None.



Administrative Report

L.2., File # PA25-1126

Meeting Date: 8/13/2025

To: PUBLIC AMENITIES COMMISSION
From: Marc Wiener, Community Development Director

TITLE

STAFF PRESENTATION AND OVERVIEW OF THE CITY'S HISTORIC PRESERVATION PROGRAM

EXECUTIVE SUMMARY

The City of Redondo Beach has established a Historic Preservation Program to identify, celebrate, and protect properties of historic significance within the community while simultaneously safeguarding individual property rights. The Historic Preservation Program is composed of 1) the Historic Preservation Ordinance, which is codified in the Redondo Beach Municipal Code (RBMC); 2) the Historic Context Statement, which provides background information on the City's history and early development and provides context for making determinations on the historicity of a property; 3) the Historic Preservation Plan, which provides additional information and guidance on the City's historic preservation standards.

The program is crafted to encourage property owners to participate in the recognition and preservation of historic resources. Key features of the program include allowing only property owners to nominate their own properties for historic landmark status, Mills Act contracts which reduce property taxes in exchange for maintenance and restoration work on historic resources, and requiring a Certificate of Appropriateness for alterations or demolition of designated landmarks or potential historic resources. The purpose of this report is to provide the Public Amenities Commission (PAC) with an overview of the City's Historic Preservation Program.

BACKGROUND

The primary purpose of the City's Historic Preservation Program is to foster public appreciation of Redondo Beach's historical and architectural heritage. The Municipal Code specifies some of the following reasons for the program (RBMC 10-4.102):

- To safeguard the City's heritage by encouraging the protection of landmarks representing significant elements of its history.
- To foster civic and neighborhood pride and a sense of identity based on an appreciation of the City's past and the recognition and use of historic resources.
- To enhance the visual character of the City by preserving diverse architectural styles reflecting phases of the City's history and by encouraging complementary contemporary design and construction.
- To conserve valuable material and energy resources by ongoing use and maintenance of the existing built environment.

- To take whatever steps are reasonable and necessary to safeguard the property rights of owners whose property is declared to be a landmark or is located in an historic district.

Nomination Process

Nominations of a historic resource as a landmark can be made only by the property owner (RBMC 10-4.301). In order to be eligible for consideration as a landmark, an historic resource must be at least 50 years old; with the exception that an historic resource of at least 30 years of age may be eligible if the PAC determines that the resource is exceptional or at risk of demolition or inappropriate alteration.

In addition to landmarking individual properties, the City's Ordinance includes a process for creation of a historic district, which may arise from a property owner or group of property owners in a potential historic district, or by the City based on information of a historic survey. Only those properties for which the property owners submit a nomination to be included in a proposed or existing district will be considered to be within the district. The district boundary will not include any property without the written consent of the property owner of said property. The Redondo Beach Municipal Code also includes procedures for removal of a historically designated properties.

Historic Landmark vs. Potentially Historic

RBMC 10-4.104 defines a "Landmark" property as one that is designated by the City, at the request of the owner, and is deemed to have "historical, cultural, aesthetic or architectural character or value, or which represents one or more architectural periods or styles typical to the history of the City." There are currently 154 properties on the City's Historic Register, of which three are on the State Register and five are on the National Register.

RBMC 10-4.104 defines "Potential Historic Resources" as properties that have not been designated at the request of the owner, but are "listed in the City's Historic Resources Inventory with a National Register rating of 1-5 or a local survey rating of A or B; and/or (2) listed in the National Register of Historic Places or California Register; and/or (3) that has been evaluated pursuant to the California Environmental Quality Act and determined by the Community Development Director to meet the criteria listed in (1) and/or (2) above."

The Historic Resources Inventory was prepared from a survey that occurred between 1986-1996 and includes 1,024 properties, of which 173 are rated either A or B and are considered potential historic resources. The City's ability to impose historic requirements on these properties is somewhat limited, based on the fact that the survey must be updated every five years (California Public Resources Code 5024.1) in order to support a presumption of historicity. Staff will be presenting to the City Council later this year on options for updating the survey.

Certificate of Appropriateness (COA)

A COA is required from the PAC prior to making alternations or demolition of structures that are either Landmark properties, in a Historic District, or deemed Potentially Historic (rating "A" or "B"). Minor alternations may be approved by a subcommittee of the PAC. The following criteria is applied when issuing a COA for Landmark property:

- (1) Conforms to the prescriptive standards adopted by the Commission; and
- (2) Will not detrimentally alter, destroy or adversely affect any exterior improvement or exterior architectural feature; and

(3) Will retain the essential elements that make the resource significant.

The City's Historic Preservation Plan (Attachment 2) makes reference to the "Secretary of the Interior's Standards for Rehabilitation" as the guidelines for making alternations to a historic property. They are issued by the National Park Service (NPS) and are especially important in projects seeking federal historic preservation tax credits. "Rehabilitation" means the process of repairing or altering a historic building while preserving its historic character. It allows for updates to meet contemporary needs, such as new uses or modern systems, without damaging important historic features. The 10 Standards for Rehabilitation are as follows:

1. A property shall be used as it was historically or be given a new use that requires minimal change to its distinctive materials, features, spaces, and spatial relationships.
2. The historic character of a property shall be retained and preserved. Avoid removing or altering materials and features that define the building's character.
3. Each property shall be recognized as a physical record of its time, place, and use. Avoid creating a false sense of history by adding features from other periods.
4. Changes that have acquired historic significance in their own right shall be retained and preserved.
5. Distinctive materials, features, finishes, and construction techniques or examples of craftsmanship that characterize a property shall be preserved.
6. Deteriorated historic features shall be repaired rather than replaced. Where replacement is necessary, match the old in design, color, texture, and materials.
7. Chemical or physical treatments, such as sandblasting, that cause damage to historic materials shall not be used.
8. Archaeological resources affected by a project shall be protected and preserved. If disturbance is unavoidable, mitigation measures should be undertaken.
9. New additions, exterior alterations, or related new construction shall not destroy historic materials. The new work should be differentiated yet compatible with the old.
10. New additions and adjacent new construction shall be undertaken in a manner that, if removed in the future, the essential form and integrity of the historic property would remain intact.

Most jurisdictions, including Redondo Beach, refer to these standards when evaluating modifications to historic properties. The application of these standards is subjective and varies depending on the local practices for the jurisdiction. For example, some cities may allow significant modifications when deemed to be "compatible" (Standard #9) with the historic structure, while others may be more stringent with the allowance for modification. The scope of modifications may also depend on other factors such the reason for the structure being historic and the level of its significance.

CEQA and Historic Preservation

The California Environmental Quality Act (CEQA) is a state law passed in 1970 that requires public agencies in California to evaluate and disclose the environmental impacts of projects they approve or undertake.

Under CEQA, historic resources are considered part of the environment. This means a building, site, structure, or district that is either listed or eligible for listing on the California Register of Historical Resources (or a local register) is protected. Demolition, alteration, or relocation of a historic resource may be considered a "significant impact" under CEQA. The four criteria used to evaluate for eligibility of the State Register include the following:

- **Criterion 1** - Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.
- **Criterion 2** - Is associated with the lives of persons important in our past.
- **Criterion 3** - Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values.
- **Criterion 4** - Has yielded, or may be likely to yield, information important in prehistory or history. The majority of properties in Redondo Beach listed as Historic Landmarks or Potentially Historic have not been evaluated for eligibility of the State Register and are not subject to the protections under CEQA. The City's Historic Context Statement (Attachment 3) may be used a reference for determining whether the property meet the criteria.

APPROVED BY:

Marc Wiener, Community Development Director

ATTACHMENTS

1. Historic Ordinance
2. Historic Preservation Plan
3. Historic Context Statement
4. List of Historic Register Properties

ARTICLE 1
General Provisions

§ 10-4.101. Short title.

This chapter shall be known as the "preservation ordinance."
(§ 2, Ord. 2554 c.s., eff. August 31, 1989)

§ 10-4.102. Purpose and intent.

The purpose of this chapter is to promote the public health, safety, and general welfare by providing for the identification, protection, enhancement, perpetuation, and use of historic resources such as building, structures, sites, places and districts within the City that reflect special elements of the City's architectural, artistic, cultural, historical, political, and social heritage for the following reasons:

- (a) To safeguard the City's heritage by encouraging the protection of landmarks representing significant elements of its history;
- (b) To foster civic and neighborhood pride and a sense of identity based on an appreciation of the City's past and the recognition and use of historic resources;
- (c) To enhance the visual character of the City by preserving diverse architectural styles reflecting phases of the City's history and by encouraging complementary contemporary design and construction;
- (d) To strengthen the economy of the City by protecting and enhancing the City's attractions to residents, tourists, and visitors;
- (e) To stabilize and improve property values within the City by recognizing historic landmarks and by protecting areas of historic buildings from encroachment by incompatible designs;
- (f) To promote the enjoyment and use of historic resources appropriate for the education and recreation of the people of the City;
- (g) To integrate the preservation of historic resources and the extraction of relevant data from such resources into public and private land management and development processes;
- (h) To conserve valuable material and energy resources by ongoing use and maintenance of the existing built environment; and
- (i) To take whatever steps are reasonable and necessary to safeguard the property rights of owners whose property is declared to be a landmark or is located in an historic district.

(§ 2, Ord. 2554 c.s., eff. August 31, 1989)

§ 10-4.103. Area of application.

This chapter shall apply to all historic resources, publicly and privately owned, within the corporate limits of the City of Redondo Beach.

(§ 2, Ord. 2554 c.s., eff. August 31, 1989)

§ 10-4.104. Definitions.

For the purpose of this chapter, unless otherwise apparent from the context, certain words and phrases are defined as follows:

"Alteration" means any exterior change or modification of any landmark or of any improvement located on a property within an historic district including, but not limited to, exterior changes to or modifications of an improvement, or a structure or any of its architectural details or visual characteristics, including paint color and surface texture, grading, surface paving, and new structures.

Alteration, minor. "Minor alteration" means an alteration that has been determined to have limited potential to affect the defining character and architectural style of the subject structure or resource. In no case shall minor alterations include actions involving new construction or full or partial demolition of a resource, or actions requiring approval on the basis of a finding of economic hardship.

"Certificate of appropriateness" means a certificate approving such plans, specifications, design, or statements of work, for any proposed alteration, restoration, demolition, removal, or relocation, in whole or in part, of or to improvements relative to landmarks or any property within a historic district.

"Commission" means the Preservation Commission established by Chapter 9, Title 2 of this Code.

"Contributing building" means a building within an historic district that has a special character, special historic or aesthetic interest or value, and is incorporated into the district for that reason.

"Demolition" means any acts that destroy in whole or in part, a building, structure, or improvement.

"Exterior architectural feature" means the architectural style, design, general arrangement, components, natural features and all the outer surfaces of an improvement, including, but not limited to, the kind and texture of the building material, the type and style of all windows, doors, lights, signs, walls, fences, and other fixtures appurtenant to such improvement.

"Historic district" may be a geographic district or a thematic district. A "geographic district" means any geographic area, such as one or more blocks or block faces containing a multiple number of historically significant resources within the area. A "thematic district" means a compilation of historic resources that are not geographically linked, but rather are linked by similar characteristics that can be clearly articulated. In either kind of district the resources collectively have a special character or special historic, cultural, architectural, archeological, community or aesthetic value, or represent one or more architectural periods or styles typical to the history of the City. The resources may or may not have individual merit, but rather are significant because of qualification in a district.

"Historic resource" means any improvement, building, structure, landscape, sign, feature, site, place or area of scientific, aesthetic, educational, cultural, architectural, or historic significance to the citizens of the City.

"Improvement" means any building, structure, place, wall, fence, gate, sign, landscaping, or other object constituting a physical alteration of real property, or any part of such alteration.

"Landmark" means any improvement that has historical, cultural, aesthetic or architectural

character or value, or which represents one or more architectural periods or styles typical to the history of the City and that has been designated as a landmark pursuant to this chapter.

"Minor Alterations Subcommittee" means a subcommittee of the Preservation Commission whose function is to review certificates of appropriateness involving minor alterations and to advise the Commission on matters of an architectural and design nature. The Minor Alterations Subcommittee shall consist of the following three members appointed by the chairperson of the Commission: the staff liaison to the Commission, and two members of the Commission, one of which shall be a professional from the field of architecture, if such a professional sits on the Commission.

"Noncontributing building" means a building within an historic district that does not possess the qualifications or characteristics of a contribution building due to such factors as age or alteration, but which has been included within the district because of its impact on the geographic integrity and overall character of the district.

"Ordinary maintenance" means any cleaning, painting, or similar work that does not result in the alteration of an improvement.

"Person" means any individual, association, partnership, firm, corporation, public agency, or political subdivision.

"Potential historic resource" means any improvement, building, structure, landscape, sign, feature, site, place or area that is: (1) listed in the City's Historic Resources Inventory with a National Register rating of 1-5 or a local survey rating of A or B; and/or (2) listed in the National Register of Historic Places or California Register; and/or (3) that has been evaluated pursuant to the California Environmental Quality Act and determined by the Community Development Director to meet the criteria listed in (1) and/or (2) above.

"Relocation" means the displacement of any improvement within the same site.

"Removal" means the displacement of any improvement from the site.

"Restoration" means the act or process of accurately recovering the form and details of a property and its setting as it appeared at a particular period of time by means of the removal of later work or by the replacement of missing earlier work.

(§ 2, Ord. 2554 c.s., eff. August 31, 1989, as amended by § 1(60), Ord. 2844 c.s., eff. November 4, 1999, §§ 2, 3, Ord. 2933 c.s., eff. June 3, 2004, and § 1, Ord. 3107 c.s., eff. February 8, 2013)

City of Redondo Beach Historic Preservation Plan



City of Redondo Beach Historic Preservation Plan



September 28, 1998

Submitted to:

City of Redondo Beach
Planning Department
415 Diamond Street
Redondo Beach, CA 90277

Submitted by:

Janet L. Tearnen, M.A.
Historic Resources Consultant
224 Norwood Street
Redlands CA, 92373

Lauren Weiss Bricker, Ph.D.
Architectural Historian
1405 Garden Street
Redlands, CA 92373

Marion Mitchell-Wilson, Principal
CWA Consultants
3851 Chapman Place
Riverside, CA 92506

City of Redondo Beach

Gregory C. Hill, Mayor

Preservation Commission

Miles Pritzkat, Chair

Bob Cardona, Vice Chair

Richard Becker, Secretary

Dean Francois

Lynn Frangos

Jack Kitchen

Jim McLeod

Ad-Hoc Preservation Plan Committee:
Commissioners Becker, Francois, McLeod, and Kitchen (alternate)

City of Redondo Beach Planning Department

William Meeker, Chief of Planning

Randy Berler, Senior Planner

Anita Kroeger, Senior Planner

Teresa Gianos, Associate Planner

The project team would like to thank City staff and elected officials, commissioners, members of the Redondo Beach Historical Society, and community residents for their participation in the preparation of this plan. Special thanks to Mike Gin, Steve Bopp, Jonathan Eubanks, and Monica Litjen Moore.

This preservation plan was funded with a 1997 Certified Local Government Grant and was administered by a City contract with the State Office of Historic Preservation.

Terms used throughout this document are defined in the attached Glossary (Appendix A) which was prepared from various publications of the National Parks Service and State Office of Historic Preservation and William J. Murtagh's *Keeping Time: The History and Theory of Preservation in America*, 2nd ed. New York: John Wiley & Sons, Inc. 1997.

Historic photographs were supplied courtesy of the City of Redondo Beach Historical Commission

This publication has been financed in part with Federal funds from the National Park Service, Department of the Interior. However, the contents and opinions do not necessarily reflect the views or policies of the Department of the Interior, nor does the mention of trade names or commercial products constitute endorsement or recommendation by the Department of the Interior.

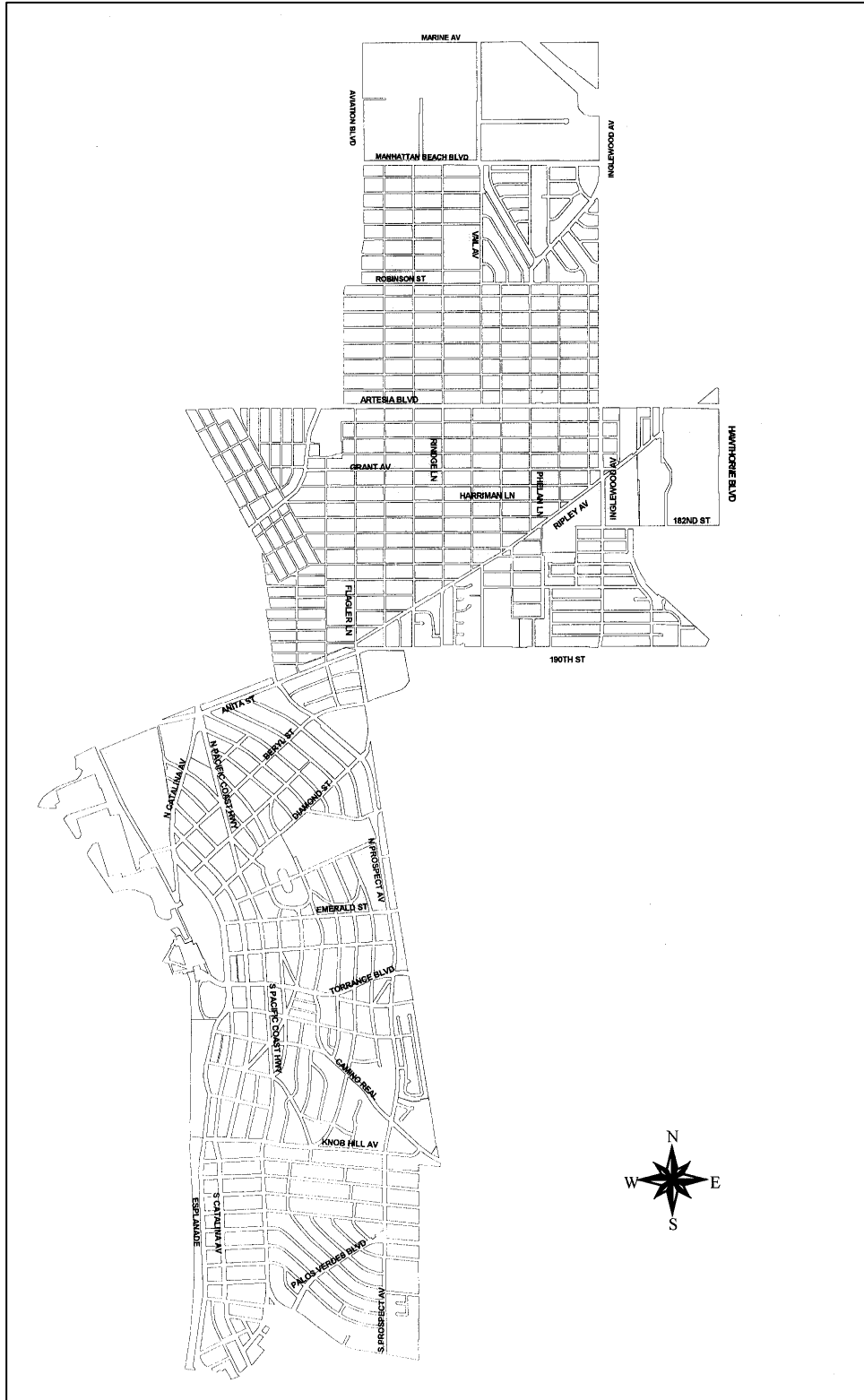
This program receives Federal financial assistance for identification and protection of historical properties. Under Title VI of the Civil Rights Act of 1964 and Section 504 of the Rehabilitation Act of 1973, the U.S. Department of the Interior prohibits discrimination on the basis of race, color, national origin, age handicap in its federally assisted programs. If you believe you have been discriminated against in any program, activity, or facility as described above, or if you desire further information, please write to:

Office for Equal Opportunity U.S. Department of the Interior,
Washington, D.C. 20240

TABLE OF CONTENTS

Introduction	1
Legal Framework for Historic Preservation	2
Preparing the Preservation Plan.....	4
Definition of Historic Character.....	5
Summary of Past and Current Preservation Efforts	15
The City’s Historic Resources Survey	18
Historic Preservation Issues, Goals, Objectives, and Actions.....	19
Appendices	
A. Glossary	
B. City of Redondo Beach Historic Register List	
C. City of Redondo Beach Historic Properties Maps	
D. Preservation Ordinance No. 2554	
E. Historic Preservation Information and Contacts	
F. City of Redondo Beach – Preservation Documents Available to the Public	
G. Sources	

City of Redondo Beach



Introduction

Historic preservation is a vital key to maintaining the community's character and identity. The mission of the Redondo Beach historic preservation program is to promote the identification, protection, enhancement, perpetuation, and use of historic resources such as buildings, structures, sites, and districts that reflect special elements of the city's diverse architectural, artistic, cultural, historical, political, and social heritage.

Preservation of historic resources fosters civic and neighborhood pride, forms the basis for a unique community identity, and enhances the visual character of the city. Preservation efforts help strengthen the local economy by attracting residents, tourists, and visitors to the city, and offering educational and recreational opportunities. Historic Preservation has been shown to improve property values within historic areas, and maintaining and reusing historic buildings conserves building materials and energy resources. Preservation also serves as a tool in comprehensive planning efforts by giving city leaders direction for decisions in land management, development, and design.

Since the inception of the Redondo Beach preservation program in 1986, the commitment and participation of the City, community organizations, business leaders, and homeowners has insured its success. The State Office of Historic Preservation has recognized the program with its designation of Redondo Beach as a Certified Local Government (CLG). To be certified, a local government program must enforce appropriate state and local preservation legislation, establish and maintain a qualified historic preservation commission, provide for adequate public participation in its activities, and maintain a system for the survey and inventory of historic properties. In addition, each CLG is required to complete a preservation plan.

The purpose of this preservation plan is to provide a proactive means of planning for the continued protection of the community's character and heritage. The goals are to educate and inform citizens of Redondo Beach about the city's history as reflected in the built environment, increase the community's awareness of preservation issues, provide a guideline for growth and development, create a plan for the continued identification and designation of historic properties, develop new incentives for preservation, strengthen the support for preservation policies, and promote Redondo Beach as a city sensitive to the preservation of historic resources for the future. This plan also addresses the need for continued cooperation between City departments, community heritage organizations, and the public to ensure that the preservation goals and objectives are carried out.

Legal Framework for Historic Preservation

The National Historic Preservation Act (NHPA), the California Environmental Quality Act (CEQA), and Preservation Ordinance No. 2554 provide the legal basis for historic preservation in Redondo Beach. Historic resources may be designated under federal, state, and local landmark programs.

National/Federal

The National Historic Preservation Act (NHPA) was enacted in 1966 as a result of public concern that many of the Nation's historic resources were not receiving adequate attention in Government-sponsored public works projects. It is the United States' fundamental preservation law and provides the legal and administrative framework for local and national preservation efforts.

The Section 106 review process was enacted as part of the NHPA and is designed to ensure that historic properties are considered during federal project planning and execution. The process is administered by the Advisory Council on Historic Preservation, an independent Federal agency responsible for advising the President and Congress on historic preservation issues. Federal activities or undertakings that are regulated by Section 106 may include construction of buildings, rehabilitation and repair projects, demolition, licenses, permits, grants, and federal property transfers. Properties subject to Section 106 review are those listed in or eligible for listing in the National Register of Historic Places.

The National Register, authorized under the NHPA, is the official Federal list of districts, sites, buildings, structures, and objects significant in American history, architecture, archaeology, engineering, and culture. National Register properties have significance to the prehistory and history of their community, state, or the nation. Significance is assessed according to the National Register Criteria for Evaluation – association with historic events or activities, association with important persons, distinctive design or physical characteristics, or potential to provide important information about prehistory or history. A property must meet at least one of the criteria for listing, and generally must be at least fifty years of age. Applications for the National Register are submitted through the State Office of Historic Preservation (OHP) and approved by the State Historical Resources Commission. The program is administered by the National Park Service.

State

The California Environmental Quality Act (CEQA) is a state law enacted in 1971, which requires governmental agencies at all levels to consider the impact proposed projects have on the environment, including resources of cultural and historical significance. Similar to the Section 106 review process, the CEQA process identifies potential significant environmental effects and alternatives or



mitigation measures that will avoid or reduce the impacts. Properties listed in or determined eligible for listing in the California Register of Historical Resources are subject to CEQA review.

The State Office of Historic Preservation maintains the California Register of Historical Resources, an authoritative guide to the state's significant historic and archaeological resources. The Register was designed for use by the state and local agencies, private organizations, and citizens, to identify, evaluate, register, and protect California's significant resources. The program encourages public recognition and protection of resources of architectural, historical, archaeological, or cultural significance; identifies historical resources for state and local planning purposes; determines eligibility for state historic preservation grant funding; and affords certain protection under CEQA. The California Register may include properties listed in or eligible for the National Register, California Registered Historical Landmarks, California Points of Historical Interest, County Landmarks, City Landmarks, and properties determined significant as part of an OHP staff approved historic resources survey.

The OHP administers the California Registered Historical Landmarks and California Points of Historical Interest programs. California Registered Landmarks recognize properties of statewide historical significance. The property is generally the first, last, only, or most significant of a type in the state. The California Points of Historical Interest program typically recognizes resources of local interest. Applications are submitted through the Los Angeles County Historical Landmarks and Records Commission and forwarded to the OHP. State Landmarks and Points of Historical Interest applications are approved by the State Historical Resources Commission.

Local

The local basis for historic preservation is Ordinance No. 2554. The ordinance outlines the purpose and intent of the City's Preservation Program, the responsibilities and qualifications of the Preservation Commission, and criteria and procedures for designation of landmarks and districts.

The City's designation program is voluntary and requires property owners to formally request designation of buildings as cultural resources and have this request approved by the City's Preservation Commission. Local landmarks are individual buildings or districts which are at least fifty years of age, relatively unaltered, and well maintained. Further, landmarks must reflect a special element of the city's history, be identified with special persons or events, represent the work of a noted architect or builder, embody a unique architectural character, or represent established and familiar landmarks within the community. A list of the City's designated landmarks and districts is included in Appendix B.

In accordance with the ordinance, a “certificate of appropriateness” must be granted to property owners to significantly alter, demolish, or relocate City-designated historic properties. Applications for certificates of appropriateness are filed with, and approved by the Preservation Commission. The ordinance allows for use of the State Historical Building Code (SHBC) which provides alternative building regulations for the rehabilitation, preservation, restoration, or relocation of designated historic buildings. The SHBC regulations are intended to facilitate restoration or accommodate change of occupancy while preserving a historic building’s original architectural elements and features.

Preparing the Preservation Plan

To assist in the preparation of the preservation plan, the City Planning Department contracted with three independent consultants working in the field of historic preservation: Janet L. Tearnen (historian), Lauren Weiss Bricker (architectural historian), and Marion Mitchell-Wilson (preservation planner). To begin the process, the consultants attended meetings of the City’s Preservation Commission and the Preservation Plan ad hoc committee of the Commission. To give the team a broad context on the history and development of the historic preservation movement in Redondo, a variety of materials were gathered and reviewed, including: planning publications, pertinent city records, historical survey forms and reports, Preservation Commission minutes, and newspaper articles.

Public participation and input played a vital role in the process of preparing the plan. Two community meetings were held at City Hall which were facilitated by the consulting team. The meetings were designed to provide a forum for the interchange of concerns and ideas regarding local preservation issues. In order to ensure participation from a variety of interests, notice of the meeting was mailed to community residents, business leaders, elected City officials, City employees, members of the Historical Society, and other heritage organizations. These meetings were also advertised in the local newspapers. In addition to the community meetings, the project team conducted personal interviews with Mike Gin (City Councilmember), Jonathan Eubanks (Planning Commissioner), and Steve Bopp (Recreation Commissioner), all of whom have participated extensively in the preservation efforts of Redondo Beach. The purpose of the interviews was to gather information regarding early preservation activities and to identify major preservation issues. The consulting team conducted a reconnaissance survey of Redondo Beach, to become more familiar with the City’s historic resources as well as to understand some of the problems and concerns articulated during the community meetings and interviews.



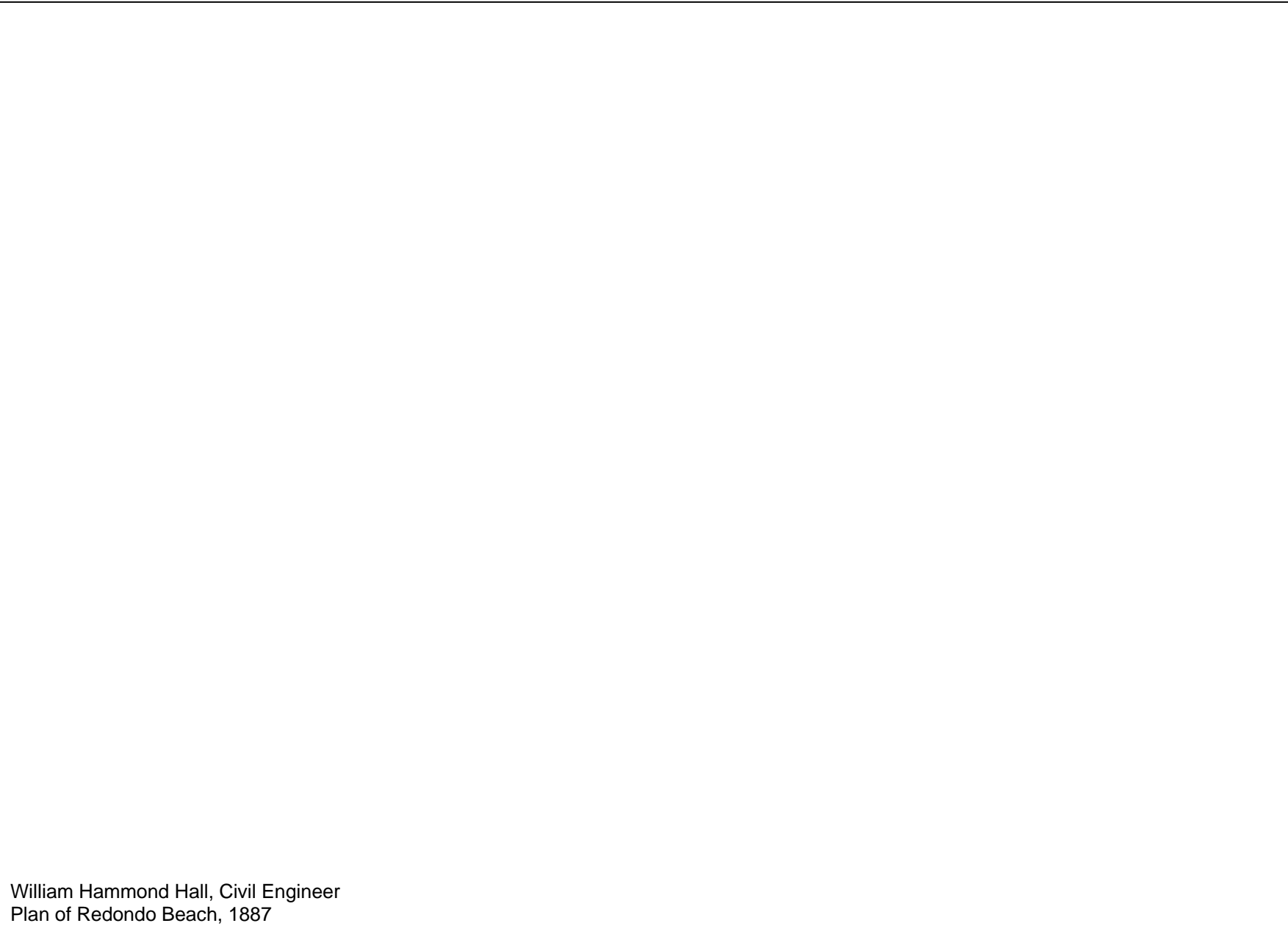
Definition of Historic Character

Redondo Beach lies on the western edge of the Peninsular Mountain Range which runs northwest and southeast along the coast of Southern California. The city occupies 6.35 square miles, and is approximately seventeen miles from Los Angeles on the southern end of modern Santa Monica Bay.

The development of present-day Redondo Beach dates to the third quarter of the nineteenth century. Earlier in the century, cattle grazed on the land which stretched across three Mexican ranchos -- Ranchos San Pedro, Los Palos Verdes, and Sausal Redondo. By mid-century, diversification of the local economy had been initiated by two Los Angeles merchants – Henry Allanson and William Johnson. These men purchased 215 acres which included saline deposits (located near the site of the present-day Redondo Beach Electrical Generating Station) and soon organized the Pacific Salt Works. The enterprise failed in the early 1880s due to non-competitive shipping costs. However, the area's economic picture changed dramatically when the Santa Fe Railroad established a route between Redondo Beach and Los Angeles in 1888.



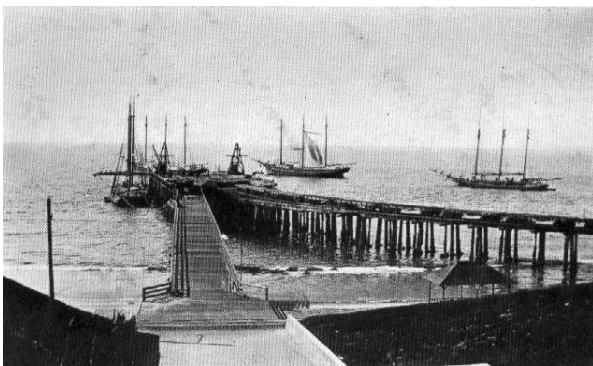
During the boom years of the 1880s, sixty new towns developed along Los Angeles' coastal plain, including Redondo Beach. Two Los Angeles developers, Judge Charles Silent and Nathan Vail, purchased the land that became Inglewood and a large block of land that is nearly half of what is now known as North Redondo Beach. By August of 1887, the men had acquired the land for Redondo Beach's original townsite. Silent, president of the Redondo Beach Company, with his partners Vail and Dan McFarland began to promote the 1,214-acre site as a new city on the bay.



William Hammond Hall, Civil Engineer
Plan of Redondo Beach, 1887

The Redondo Beach Company hired William Hammond Hall, as their consulting engineer to lay out the new town (essentially the central core of present-day Redondo Beach). Hall, who was also State Engineer, conceived a seaside village that would be built in tiers on the natural amphitheater rising from the beach. He designed a flexible grid street plan comprised of roughly east/west oriented streets that followed the terraced land and were intersected by streets that radiated from a series of urban improvements along the coast. The improvements included a “Y” shaped pier for ship and pleasure boat landings, a hotel site to the south that was surrounded by spacious gardens (Hotel Redondo was constructed in 1890), an esplanade (“La Esplanada”) that followed the city’s coastline, and a railroad depot and train yard north of the pier and immediately south of the salt lake. Hall used romantic street names evocative of the Spanish period for his tiered streets, and he named the radiating streets after precious and semi-precious stones (Diamond, Emerald, Carnelian) some of which were found along local “Moonstone Beach.”

Another defining element of Hall’s town site plan was a site reserved for a Chautauqua complex, located northeast of the pier. The Chautauqua movement was an alternative form of education that enjoyed great popularity in the latter years of the nineteenth century. In an effort to attract its followers, the Redondo Beach Company constructed a large, enclosed amphitheater (1890). Additional buildings were to be constructed to the east, on a site defined by streets curved to follow the “Lamp of Learning” pattern (based on the design of the classical oil lantern) associated with the movement. This pattern is still visible in the formation of Vincent, El Redondo, and Spencer Streets. Present-day Vincent Park was planned as the camp site for the thousands of participants of the annual conferences. Redondo Beach’s role in the Chautauqua movement ended in 1892 when Long Beach regained its position as the home of the area’s Chautauqua Assembly.



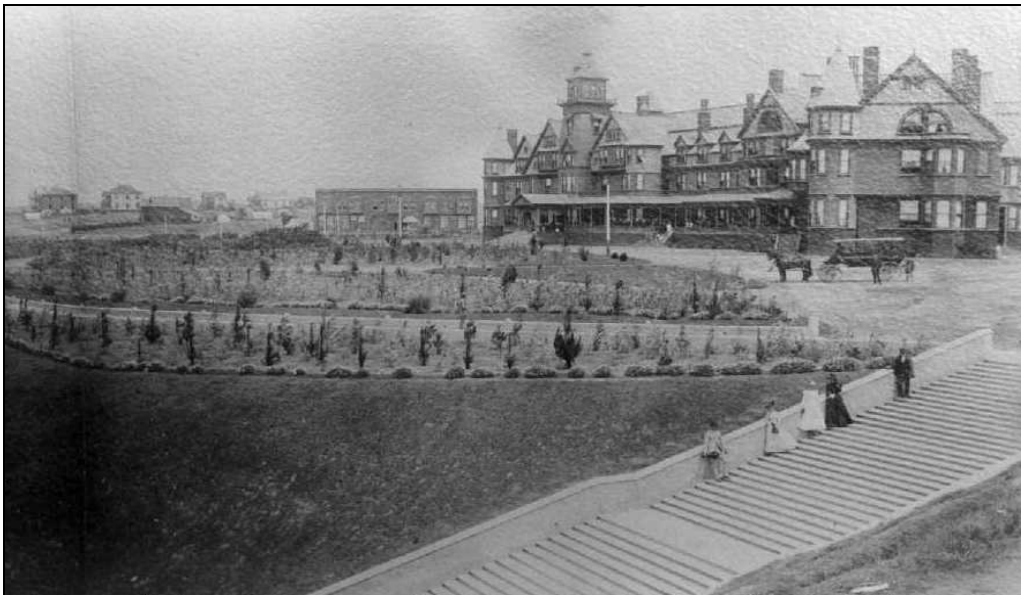
Wharf No. 2

During the late nineteenth century, little distinction was made between the recreational and commercial use of the urban waterfront. Hall had observed rolling breakers in the bay and suggested that they indicated the presence of a deep off-shore canyon suitable for a commercial harbor. The vision of the harbor attracted two steam boat captains to the area, J.C. Ainsworth and R.R. Thompson. These men purchased the Redondo Beach Company in 1888.

Ainsworth and Thompson championed Redondo Beach as a site for deep water shipping. Redondo Beach opened its first wharf in June 1889. By December of that year, the wharf handled over eight tons of freight. The Santa Fe Railroad selected Redondo to be its Los Angeles water terminus. The dual facilities of harbor and railroad attracted industrial development to Redondo Beach. This included the establishment of Redondo Beach as a storage and distribution center for the Pacific Coast Oil Company (later purchased by Standard Oil) and the establishment of lumber yards on a triangular piece of land bordered by Beryl, Broadway (originally Dominquez Avenue), and North Catalina Avenues.

In 1895 and 1903 two additional wharves were built to handle the shipping trade. The greatest period of activity for Redondo Beach as a port was from 1904 to 1912. By that time, the rival port of San Pedro was designated as the site of the Los Angeles Harbor.

At the turn of the century, Redondo Beach not only boasted a busy port, but was becoming a popular tourist destination. The Redondo Railway Company commenced passenger service in 1890, bringing tourists, prospective residents, and businessmen to the newly built 225-room Hotel Redondo. The hotel overlooked the ocean from its location between Wharf No. 1 and No. 2, in what is today Veteran's Park. By 1892, the City was incorporated with 1,000 residents.



Hotel Redondo, ca. 1900

The transformation of Redondo Beach into a premier resort city began in 1905 when real estate developer and railroad magnate Henry Huntington decided to invest in the city. Huntington purchased the interests of the Redondo Beach Improvement Company. He then purchased the Los Angeles and Redondo Railway and incorporated them into the Pacific Electric Railway service. He was



also one of the founding partners in the Pacific Light and Electric Company, which constructed the Redondo Beach Steam Plant (near the site of the old salt works) in 1910.

The Pacific Electric Railway, or the “Red Car” line as it came to be called, was established by Huntington in 1901 as a way to connect his land holdings with Los Angeles. At its peak the system connected Los Angeles, Orange, Riverside and San Bernardino County communities with 1,164 mile of tract, making it the largest electric railway system in the world. The Red Cars brought visitors to Redondo Beach principally along the coastal Redondo Beach-Del Rey Line, which operated until 1940.



The Plunge

Huntington’s first improvement in Redondo Beach was the Pavilion (1907) located near Emerald Street along the ocean. The 34,069 square foot, three-story Mission Revival building housed shops, a theatre, restaurant, and a large dance hall called the Mandarin Ballroom. Two years later he built the Plunge (1909), which was touted as “the largest indoor salt-water heated pool

in the world.” Other tourist attractions in Redondo Beach were an outdoor bandshell for open-air concerts, the Lightning Racer roller coaster (1913), and “Endless (Horseshoe) Pier” (1916), a concrete and steel triangular-shaped municipal pleasure pier which included an observation building, fish market, boat launch, and fishing area.



Early 20th Century bathers standing along the famous “Moonstone Beach”

The rapid development of industry and tourism was accompanied by the construction of permanent and seasonal housing and commercial buildings throughout Redondo Beach. In 1906 Huntington developed "Clifton-by-the-Sea," an "L" shaped subdivision comprised of Avenues A through I located south of the original town site. That same year, the development of the Redondo Villa Tracts began on four square miles of land located in what is now North Redondo Beach. The first tract was bounded by Ripley Avenue, Artesia Boulevard, Slauson Lane, and Prospect Avenue. A second tract opened in 1907. Streets within the tracts were named for leading industrialists including Morgan, Carnegie, and Rockefeller. The Redondo Villa Tracts were planned for mixed use development, characterized by small resident-occupied farms. The agricultural based economy of North Redondo Beach continued into the 1940s and 50s.

During the 1920s, the development of the Hollywood Riviera subdivision followed the earlier trend of Clifton-by-the Sea by promoting Redondo Beach as an upscale residential community and tourist destination. Located south of Avenue I, the original boundaries included the southern portion of Clifton-by-the-Sea and extended into the northern portion of what is now part of the City of Torrance.

By 1926 all three of the city's wharves were destroyed by storms or demolished, marking the end of Redondo Beach as a port. That same year the Monstad Pier was built.

In the late 1920s oil was discovered in North Redondo, as well as in nearby Torrance, forming the Redondo-Torrance oil field. In 1927, the Villa Tract was annexed to the City.

Redondo Beach grew slowly during the Great Depression and World War II. Following the war years, North Redondo Beach experienced rapid development as the demand for low cost housing increased. The rural community of small-scale farms was redeveloped with tracts which offered affordable housing. The Redondo Hills tract (located north of Robinson Avenue between Inglewood and Vail Avenue) was the first to develop and included 145, five- and six-room houses. In 1948 Southern California Edison opened a new generating plant at the site of the old salt works. Its towering discharge stack and classical concrete façade is visible today. By the 1960s several corporations associated with the aerospace industry came to Redondo Beach and the Space Technology Complex was constructed.

Since the City's incorporation in 1892, a number of factors have contributed to the changing face of Redondo Beach. Over the years natural disasters including fires, storms, and earthquakes have taken their toll on the city's building stock. Changes in the city's economic base, particularly during the early twentieth century, led to the demolition of many buildings relating to the turn-of-the-century tourist era.



By the 1960s, the community's concern over the preservation of Redondo Beach's historic character grew, when a downtown development plan was approved that entailed the demolition of buildings within the historic commercial area. Since that time, the city's older residential neighborhoods have been at risk as high-rise condominiums have replaced single-family dwellings. Along the waterfront, King Harbor has replaced most of the early industrial area and the associated small dwellings. Only the Monstad Pier remains to recall an earlier period of the city's development.

Today Redondo Beach's existing historic buildings reflect a variety of architectural styles and document the city's patterns of growth and development. Together they serve to give the community its special character and cultural depth.



Pacific Avenue, ca. 1960
Looking North

The City's Architecture

Residential



Thomas House, Local Landmark No. 28
323 South Francisca

The architecture that survives from the early period of Redondo Beach's history is primarily residential. Stylistically, the turn of the century houses reflect the Queen Anne, Craftsman, and Anglo-Colonial Revival styles. Later dwellings exemplify the impact of the Spanish Colonial Revival style (and more generally Mediterranean style) that enjoyed tremendous popularity from the mid-1910s through the 1930s.

A prime concentration of Craftsman and Colonial Revival style residences can be found in the Original Townsite Historic District/Gertruda Avenue Historic District (1906-1923), bounded by North Gertruda Avenue, Carnelian Street, North Guadalupe Avenue, and Diamond Street. The buildings that characterize the district include modest-scale, one-story single-family dwellings and two-story lodging houses which comprise the prevailing architectural types at the turn of the century. These wood-sheathed houses, invariably terminated by a gable or hipped roof, convey a quality of informality and direct access to their sites that one associates with living in a mild climate.



Gertruda Avenue Historic District



Bissen House, Local Landmark No. 14
2604 Fisk Lane

The northern section of the Redondo Beach includes some good examples of Craftsman style residences, most notably the Bissen House (1906) at 2604 Fisk Lane. Originally situated on 17 acres of land, the house remains an important example of North Redondo's agricultural period of development.





Sweetser House, Local Landmark No. 3
417 Beryl Street

Among the distinctive larger residences built in Redondo Beach is the Sweetser House (1921) at 417 Beryl Street. The Sweetser House is a prime example of the Anglo-Colonial Revival style, and remains one of the city's most distinctive residences.

Post World War II residential development can be found throughout the city, but is most notable in North Redondo Beach which is defined today by its narrow streets and

apartment and condominium housing developments. Housing tracts (such as the Redondo Hills tract) developed during this period are characterized by small one-story, wood-frame houses sheathed in stucco.

Commercial Buildings



Diamond Apartments, Local Landmark No. 1
321 Diamond Street

Early commercial and light industrial buildings survive in much fewer numbers than residential buildings, owing in part to the demolition of many buildings in the old downtown area during the 1960s.

The most notable examples are the Diamond Apartments (Redondo Van and Storage) at 321 Diamond Street, (1913) and the commercial building with terrace apartments at 601-603 Garnet Street (ca. 1910). These simple, rectilinear buildings define their respective corners, and serve as reminders of the quality of the city's former small-scale commercial development.



Commercial / Apartment Building
601 – 603 Garnet Street

Public and Institutional Buildings



Redondo Beach Woman's Club
400 South Broadway

Other good examples of public buildings include the Moderne style Redondo Union High School Sciences Building (1930s) at 631 Vincent Park, and the Eagle's Lodge (1937) at 128 South Catalina Avenue.

The Craftsman style Woman's Club (1922) at 400 South Broadway, is important architecturally, and is also significant for its association with the vital role local women's clubs played in the civic improvements of Redondo Beach. In the realm of public/institutional buildings especially notable is the Spanish Colonial Revival style Old Library (1930) at Veteran's Park.



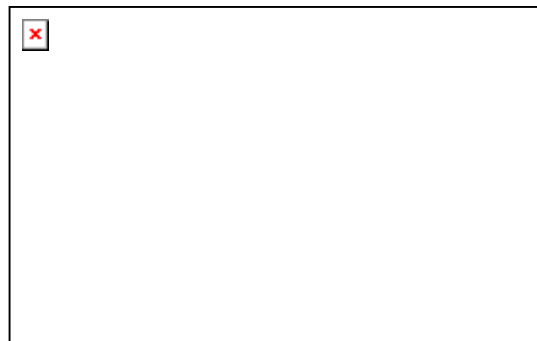
Redondo Beach Old Main Library &
Moreton Bay Fig Tree
Local Landmark Nos. 12 & 13
309 Esplanade



Christ Church Episcopal
408 South Broadway

Few churches survive from Redondo Beach's early years of development. The Carpenter Gothic style Christ Church Episcopal (1893) at 408 South Broadway, is the city's oldest church.

Later examples include the Spanish Colonial Revival First Baptist Church of Redondo Beach, (1929-30) at 100 North Pacific Coast Highway and the First United Methodist Church (ca. 1928) at 243 South Broadway.



First United Methodist Church
243 South Broadway



Summary of Past and Current Preservation Efforts



Gephart House, City Landmark No. 19
519 South Catalina Avenue

Organized efforts to preserve the history of Redondo Beach began in 1967 when the City Council created a 10-member Historical Commission. The Commission was formed to collect and maintain historical documents of general interest to the community. In 1981, the Redondo Beach Public Library was the first property in the city to be listed in the National

Register of Historic Places. The next year, on the occasion of the 90th anniversary of incorporation, the Redondo Beach Historical Society was organized. The Society, which consists of approximately 200 members, collects and maintains historical records, photographs, and artifacts and preserves some of the city's historic buildings and structures. Activities sponsored by the Historical Society include a semi-annual historic/architectural home tour.

In 1985, as concern to preserve Redondo Beach's historic character escalated, the City initiated the first phase of a Citywide Historic Resources Survey (results discussed below). Members of the Historical Commission and Historical Society played a major role in the completion of the survey.

By 1988 the Redondo Beach Original Townsite Historic District (comprised of forty-eight buildings) was placed on the National Register of Historic Places, and became the city's first designated district. The nomination was completed under the direction of the Historical Society with the support and help of the residents of the district.

The City of Redondo Beach Preservation Program was started in 1989 with the adoption of Preservation Ordinance No. 2554. The Ordinance established the Preservation Commission whose responsibilities include the maintenance of a register of individual landmarks and historic districts within the city. The commission also publishes a quarterly newsletter to promote the City's preservation program and maintains various subcommittees to work on specific issues including education, incentives, and legislation.



Queen Anne House, Local Landmark No. 5
Heritage Court

The year 1989 was significant for the establishment of Heritage Court. Located in Dominguez Park, Heritage Court is part of an ongoing effort to preserve some of the city's turn-of-the-twentieth-century residences. Today, two houses are located in Heritage Court, with a third pending relocation. The City paid to move the two buildings, although the restoration was managed and financed by the Historical

Society. The houses were moved as a last resort alternative to demolition. In general, relocation is not a preferred preservation solution since it results in a loss of integrity of location and setting. Currently the Queen Anne house is the home of the Redondo Beach Historical Museum (previously located at the Community Resources Center on Knob Hill), which is sponsored by the City and operated by the Historical Commission. The Morrell House is in the process of being renovated as a historic house museum.

In 1990, only a year after the preservation program was established, the State Office of Historic Preservation designated the City of Redondo Beach a Certified Local Government. The Historic Overlay Land Use District Ordinance was adopted, and includes special zoning regulations intended to prevent the destruction or demolition of historic buildings by permitting the adaptive reuse of City-designated resources. The year ended with the designation of the Diamond Apartments (Redondo Van and Storage building) as City Landmark No. 1.



Morrell House, Local Landmark No. 4
Heritage Court

By 1992 the Preservation Commission prepared and distributed their *Design Guidelines*. The guidelines provide a basis for the evaluation and approval of certificates of appropriateness by the Preservation Commission, as well as general information to the general public on the proper techniques for restoration, repair, renovation, and preservation of historically significant buildings. That



same year, in an effort to increase public participation in the Preservation Program, the City Council acted to promote the approval of Mills Acts contracts with owners of locally-designated historic properties. The contracts provide a method of reducing property taxes in exchange for the continued preservation of historic resources. The Preservation Commission and Planning Division worked together to prepare a brochure explaining the advantages of the Mills Act, which is distributed to the public.

A Redondo Beach "Preservation Video" was completed in 1994 with the assistance of a CLG grant. The video was produced for use as a community education tool and has been broadcast regularly on the local cable station. The success of the video led to its use by numerous other municipalities and preservation agencies.

The City of Redondo Beach completed three important preservation projects during the year 1995. Further efforts to educate the public on the City's landmarks programs were made possible by the publication of *A Photographic Collection of Historic Landmark Properties* (1st edition) prepared by the Planning Division with the assistance of a planning intern. The booklet was distributed to all landmark owners as well as the city's libraries, schools, and historic organizations. It summarizes the purpose and goals of the City's Preservation Program and includes photographs and descriptions of designated individual structures and historic districts.

The *City of Redondo Beach Historic Context Statement* was also prepared during 1995, with funding from a CLG grant. The context statement was developed on the theme of "economic development" and covers the history and growth of Redondo Beach from its early years as a pastoral economy to a post-World War II residential community. The document was distributed to the city's libraries, schools, and historic and service organizations.

Efforts to increase public education continued into 1996. The year began with the City sponsoring a California Preservation Foundation (CPF) workshop which included information on the Mills Act and other preservation tools. A "Preservation" brochure was prepared by the Planning Division which summarizes the Preservation Program, designation criteria, and incentives, and was distributed throughout the community. A second edition of *A Photographic Collection of Historic Landmark Properties* was published by the Planning Division, and information about the City's landmarks program was placed on the City's Internet web site. A CLG-funded historic resources survey was completed in October of 1996 and covered portions of the city not previously surveyed (results discussed below).

As of September 1998, property owners have participated in the designation of thirty-one local landmarks and two historic districts (with sixteen properties), and have helped set a firm foundation for the City's Preservation Program.

The City's Historic Resources Survey

The City of Redondo Beach completed a Citywide reconnaissance-level historic resources survey in two phases. The first phase, completed in 1985, surveyed the Original Townsite and two adjacent areas to the south called Clifton-by-the-Sea and Clifton Heights. The survey results documented 1,400 individual buildings constructed on or before 1946 – 126 of these were determined individually significant while 712 were considered potentially significant as contributors to historic districts. The buildings reflect a variety of architectural styles and date primarily from the period of early settlement to pre-World War II.

A second phase of the City's Historic Resources Inventory was completed in October 1996 with funding from a CLG-grant. The survey included buildings which were forty-five years of age or older and were located in North Redondo Beach. This second survey phase recorded 1,402 buildings. Sixty-four of the resources were determined potentially eligible for the National Register or for local designation. The majority of the buildings date from the post-World War II period of residential expansion.



Four-Unit Flats Building
North Catalina Avenue Historic District
216 North Catalina Avenue



Historic Preservation Issues, Goals, Objectives, and Actions

The issues, goals, objectives, and actions as articulated below were developed from the community meetings and oral interviews conducted as part of the process of preparing the preservation plan.

1.0 ISSUE: A Comprehensive Planning Vision for Redondo Beach

1.1 *Goal: Develop a comprehensive planning vision for historic Redondo Beach that capitalizes on its existing historic resources and heritage as economic development assets.*

1.1.1 Objective: Promote a design approach that reflects the city's architectural diversity as opposed to the growing trend toward architectural homogeneity in new construction, commit to recapturing and maintaining a "village" character (comprised of residential and commercial uses) and pedestrian friendly environment, and retain designated and potentially significant historic neighborhoods.

Actions:

- Coordinate signage and banners, including City banners, street signs, and private business signs.
- Retain historic street patterns, landscape features, and pedestrian friendly amenities.
- Identify and maintain public views from parks, piers, and other publicly owned properties.
- Encourage architectural design that reflects the historic architecture throughout the city.



Davis House, Local Landmark No. 25
501 Avenue B

1.1.2 Objective: Strengthen, clarify, expand, and enforce the City's *Design Guidelines* for the rehabilitation of historic buildings and new construction that is compatible with existing historic buildings.

Actions:

- Encourage the use of existing *Design Guidelines* for the preservation, restoration, rehabilitation, and adaptive reuse of commercial and residential historic buildings, including particular information on seismic reinforcement of foundations and chimneys.
- Expand the *Design Guidelines* so that they are applicable to new construction in proximity to historic buildings, districts, and neighborhoods. Include a discussion of character defining features which reflect the historic architectural character of Redondo Beach as well as views of historic buildings and sites which illustrate those features.

1.2 *Goal: Develop and consistently use a comprehensive visual image that unifies and promotes historic Redondo Beach.*

1.2.1 Objective: Develop a distinctive visual image celebrating Redondo Beach's past that serves as a strong unifying graphic element and celebrates historic areas of the city.

Actions:

- Create key entries to the city that are strong, and graphically reflect the city's architectural heritage.
- Develop a "Historic District" citywide signage program to include elements distinct to each district.
- Encourage public participation in the development of a citywide historic logo or symbol.

1.2.2 Objective: Develop a comprehensive street lighting and streetscape plan for historic areas.

Action:

- Restore or replicate existing historic lighting standards.
- Add new lighting that is compatible with existing historic lighting used in the city.
- Develop a streetscape plan to include tree planting and other landscape features, street furniture, and paving.



2.0 ISSUE: Historic Resource Identification and Designation, and Expansion of the Information Base on City History

2.1 *Goal: Continue the City's program for the ongoing identification of historic resources, designation of individual buildings, and districts, and research of city history.*

2.1.1 Objective: Maintain and update a Citywide Historic Resources Inventory.

Actions:

- Complete an intensive-level survey of the city, expanding on the earlier reconnaissance surveys, which identifies and evaluates potentially significant historic resources.
- City Council officially adopt results of the intensive-level survey.
- Develop a process for the regular re-survey and update of previous survey work (every 5-10 years).
- Incorporate all resources determined eligible for listing in the National Register of Historic Places under Section 106 of the National Historic Preservation Act into the official City Historic Resources Inventory.

2.1.2 Objective: Continue and expand the existing historic resources designation program.

Actions:

- Send letters annually to owners of landmark eligible properties promoting/encouraging voluntary application for designation.
- Hold workshops to assist property owners in designating their landmark eligible properties.
- When designating individual landmarks, note in the official record (i.e. Staff Report) the adjacent properties with potentially significant resources, that, if altered or removed, may have a potential adverse effect on the designated landmark.
- Review the Historic Resources Inventory and identify potentially eligible historic districts.
- Hold neighborhood workshops to discuss the benefits of historic district designation and offer assistance in preparing such a designation.
- Consider amending Preservation Ordinance No. 2554 to include the designation of Neighborhood Conservation Areas.
- Encourage property owners to seek listing of eligible properties in the National Register of Historic Places and the California Register of Historical Resources.

- Develop a plaque program for the identification of designated landmarks and districts.

2.1.3 Objective: Expand the information base on the city's history.

Actions:

- In association with the Historical Commission, catalog the City's existing collection of research and background materials on Redondo Beach history.
- Gather additional materials from other sources such as regional and public libraries, University of Southern California Regional History Center, UCLA Special Collections, Los Angeles City Library History Center, and the Huntington Library.
- In association with the Historical Commission, establish an archive for historic documents including: maps, photographs, artifacts, newspapers, city directories, books, and oral histories. Establish a permanent location for the archive.



Dorrington Apartments, Local Landmark No. 18
108 North Broadway



3.0 ISSUE: The Legal Basis for Historic Preservation in Redondo Beach

3.1 Goal: Continue to strengthen the legal basis for historic preservation.

3.1.1 Objective: Integrate the preservation planning processes into the general planning process, and address historic resources under the California Environmental Quality Act, Section 106 of the National Historic Preservation Act, and other applicable state and federal environmental laws.

Actions:

- City Council adopt a preservation element in the General Plan.
- Develop and adopt a policy document to address CEQA as it pertains to historic resources.
- Revise the Initial Study Process as necessary to address historic resources.
- Review the demolition review process to consider revisions to ordinances for designated properties, surveyed properties determined to be significant, and un-surveyed properties that are 50 years of age or older.
- Consider treating the demolition or significant alterations, requiring a building permit, of potentially significant historic resources as a discretionary planning action.
- Assign historic preservation planning staff the responsibility for reviewing CEQA documentation pertaining to cultural resources and Section 106 documents for City projects.
- As a CLG, enter into a *Memorandum of Understanding* between the City and the State Office of Historic Preservation for the local authority to conduct Section 106 reviews.

4.0 ISSUE: Coordinating Zoning, Land Use, and Growth Management

4.1 Goal: Develop an atmosphere where coordinated preservation, zoning, land use, and growth management ordinances, codes, policies and procedures create a positive development environment for the retention and revitalization of historic residential neighborhoods and a village scale commercial center.

4.1.1 Objective: Create zoning, land use, and growth management policies which allow for new development while maintaining the historic character of designated structures and districts.

Actions:

- Amend, as needed, Historic Overlay Zones to discourage the demolition of historic homes and the construction of out-of-scale buildings which destroy the historic character of a neighborhood.
- New City programs, Specific Plans, and other planning documents shall address and identify cultural resources which may be affected.

4.1.2 Objective: Adopt building and health and safety codes and enforcement policies that discourage demolition by neglect.

Actions:

- Consider adopting historic resource and historic district property maintenance standards.
- Consider adopting neighborhood property maintenance standards which would discourage demolition by neglect.
- Develop a procedure for the treatment of historic resources in the case of a disaster as part of the City's Emergency Preparedness Plan.

5.0 ISSUE: Defining Public-Sector Responsibilities

5.1 *Goal: Coordinate Public Works, Parks and Recreation, Community Development, Building and Planning policies and procedures to ensure the enforcement of Preservation Ordinance No. 2554 and implementation of the Preservation Plan.*

5.1.1 Objective: Create a consistent vision among all City departments, Commissions, the school district, and other agencies for the retention of the historic character of Redondo Beach, and work cooperatively to achieve that vision.

Actions:

- Designate the preservation planning staff as the historic preservation ombudsman in the City for other departments and the private sector.
- Coordinate environmental review of federally assisted projects.
- Adopt comprehensive streetscape and street lighting plans which promote the heritage identity of Redondo Beach.
- Maximize, coordinate, and promote the use of CDBG funds for historic preservation purposes.
- Develop and adopt a coordinated management plan for the rehabilitation, maintenance, and "interpretation" of City-owned and/or leased historic structures, including Heritage Court and the Old Main Library.



- Consider nominating additional City-owned historic resources for local designation.
- Continue preservation training and education workshops for City Staff, City Council, and the Preservation Commission on the California Environmental Quality Act, State Historic Building Code, California Register, National Register, grant writing, and other preservation issues.

6.0 ISSUE: Incentives for Historic Preservation

6.1 Goal: Expand historic preservation incentives.

6.1.1 Objective: Expand existing incentives for the preservation and rehabilitation of historic residential and commercial buildings and promote them more extensively.

Actions:

- Continue the use of Historic Overlay Zones and Historic Variances as incentives for the adaptive reuse of designated historic properties.
- Continue Mills Act contracts and consider establishing a monitoring process to track ownership changes for the maintenance of affected properties.
- Continue to promote the Contributed Services Bank to owners of landmark properties to receive the advise and assistance of preservation professionals including architects, designers, and builders.
- Continue to waive planning fees for designated historic resources.
- Expand the promotion of the State Historical Building Code on all properties determined significant in an intensive-level historic resources survey.
- Through the appropriate City office, assist property owners in seeking funding for seismic retrofit grants.
- Through the appropriate City office, create and subsidize for two to three years a not-for-profit housing development corporation which can buy, rehabilitate, and resell historic properties to low and moderate income people.
- Through the appropriate City office, partner with local lending institutions to offer first time homeowner loans, and combine these with low interest CDBG-funded rehabilitation loans.
- Through the appropriate City office, partner with local lending institutions to use the agency's funds as loan collateral to reduce interest rates on the rehabilitation loan.

- Reallocate, as needed, and promote the use of CDBG funds for the rehabilitation of historic homes to include:
 1. paint-the-town grants or very low interest loan programs for seniors and first time homeowners;
 2. seismic (foundation and chimney) reinforcement loans for very low interest loan programs for seniors and first time homeowners; and,
 3. the waiving of building permit fees (if existing) for seismic retrofit, removal of inappropriate alternations with historically appropriate alternatives (those meeting the Secretary of the Interiors Standards for Rehabilitation Projects).
- Encourage and negotiate development agreements with speculative developers to consider acquiring aggregate units of historic residential properties and adjacent infill properties for rehabilitation, and build compatible infill as one project combining all fees, procedures, filings reviews and approvals.
- Encourage the adaptive reuse of several smaller historic residential buildings as village-scale commercial units.
- Develop a partnership with the Board of Realtors, Visitors Bureau, Chamber of Commerce, lenders, and other members of the business community to promote the Mills Act program for commercial as well as residential buildings.
- Promote Federal historic preservation tax incentives for the rehabilitation and adaptive reuse of historic residential buildings (for income producing purposes) and historic commercial buildings. To qualify, properties must be eligible for, or listed in the National Register of Historic Places (individually or as contributors to a district).
- Identify new sources of funding such as grants.
- Establish a resources list and technical information center in City Hall for property owners seeking to rehabilitate and/or restore historic buildings.

7.0 ISSUE: Coordinating with other Community Heritage Organizations

7.1 Goal: Solidify the relationship and coordinate activities between existing community heritage organizations.

7.1.1 Objective: Develop a strong unified presence for the preservation of Redondo Beach's heritage within the community.



Actions:

- Form a historic preservation task force to develop an agenda for the implementation of the Historic Preservation Plan.
- Support the formation of a consortium of heritage based organizations to adopt a preservation platform and speak with one voice on key issues that effect the preservation of the city's historic resources and image as a heritage-based community.

8.0 ISSUE: Marketing Redondo Beach

8.1 *Goal: Develop a cohesive marketing program to promote Redondo Beach as a historic community to visitors as well as new and potentially new businesses and residents.*

8.1.1 Objective: Incorporate a comprehensive visual image of Redondo Beach into the City's marketing strategy.

Actions:

- Work in cooperation with the Visitors and Convention Bureau, the Chamber of Commerce, Board of Realtors, and preservation constituency to develop a joint, comprehensive marketing strategy which features images of existing historic resources in Redondo Beach.
- Work in cooperation with the Visitors and Convention Bureau, the Chamber of Commerce, Board of Realtors, and preservation constituency to promote historic resources in business and tourism.
- Hold workshops on Heritage Tourism (such as those sponsored by the National Trust for Historic Preservation) and incorporate findings into the joint marketing strategy.

9.0 ISSUE: The Relationship Between Preservation and Education

9.1 *Goal: Develop a comprehensive education program that informs local citizens, businesses, and community leaders about the economic and social benefits and technical aspects of the City's Historic Preservation Program.*

9.1.1 Objective: Work in cooperation with the Historical Commission, Historical Society, Visitors and Convention Bureau, the Chamber of Commerce, Board of Realtors, and other members of the preservation constituency to develop a joint, comprehensive education strategy which informs visitors, and potential new business and property owners as well as current business, property owners and residents about all aspects of historic preservation in Redondo Beach.

Actions:

- Review, revise (as needed), and expand the dissemination of current educational materials to realtors and the Chamber of Commerce including: *A Photographic Collection of Historic Landmark Properties*, *Design Guidelines*, and the *Preservation Video*.
- Establish historic resource rehabilitation information centers for staff and property owners in the local library or City Hall working with the local chapters of the American Institute of Architects, the International Conference of Building Officials, and the Building Industry Association. The center may include National Park Service technical leaflets and Preservation Briefs, Secretary of the Interior's Standards for Rehabilitation, *Old House Journal*, *This Old House* videos, and a copy of Oakland's *Rehab Right* (Helene Kaplan-Prentis, City of Oakland).
- Hold regular "how-to" rehabilitation and property maintenance workshops for property owners on how to maintain, restore, and rehabilitate historic properties.
- Prepare and disseminate information on property rights issues and the economic benefits of historic preservation (contact the National Trust for Historic Preservation for specific publications).
- Promote the historic resources, districts, and neighborhoods of Redondo Beach using images of existing resources in all materials.
- Revise the current "Preservation" brochure to include CDBG, redevelopment, private lending, and federal home loan assistance opportunities for historic preservation. Include a hypothetical case where all possible incentives have been combined to facilitate the acquisition and rehabilitation of a typical historic residential structure in the community.
- Revise the City of Redondo Beach's Internet World Wide Web site to include graphics (photos and maps) and information on the designation process, as well as other preservation issues. Use the internet to increase the visibility of preservation issues and accessibility of information to those inside and outside of Redondo Beach.



- Continue and expand the use of various methods and media to promote historic preservation in Redondo Beach including:
 - cable television programs
 - videos
 - public art
 - walking tours
 - slide shows
 - brochures on local, state, and federal programs
 - display materials from existing historic photos
 - workshops in public schools
 - press releases to local and regional newspapers



Montague House, Local Landmark No. 17
125 South Irena Avenue

Appendix A

Glossary

Adaptive Reuse – The process of converting a building to a use other than that for which it was designed. Such a conversion may be accomplished with varying alterations to the building.

California Environmental Quality Act (CEQA) – A state law enacted in 1971, which requires governmental agencies at all levels to consider the impact proposed projects have on the environment, including cultural and historic significance. The lead decision-making agency is responsible for determining whether a significant adverse impact may occur and whether it can be mitigated to a level of insignificance. Where evidence indicates that a significant adverse effect may occur, the lead agency is required to prepare an **Environmental Impact Report (EIR)** which discusses in detail the potential impact and feasible means of avoiding or reducing it.

California Preservation Foundation (CPF) – A non-profit education foundation which promotes historic preservation in California. CPF sponsors workshops, holds an annual conference, and issues a quarterly newsletter. The organization is headquartered in Oakland, California.

California Register of Historical Resources – An authoritative guide to the state's significant historical and archaeological resources. The Register was designed for use by the state and local agencies, private organizations, and citizens, to identify, evaluate, register, and protect California's significant resources. The program encourages public recognition and protection of resources of architectural, historical, archaeological, or cultural significance; identifies historical resources for state and local planning purposes; determines eligibility for state historic preservation grant funding; and affords certain protection under the California Environmental Quality Act (CEQA). As of September 1998, Redondo Beach has 37 properties on the California Register.

Certificate of Appropriateness – A permit to proceed with new construction or alterations to a designated historic property after the proposed changes have been reviewed by the Preservation Commission.

Certified Local Government (CLG) – Approval of the local historic preservation program by the State Historic Preservation Officer and the Secretary of the interior. To be certified, a local government program must enforce appropriate state and local preservation legislation, establish and maintain a qualified historic preservation review commission, provide for adequate public participation in its

activities, and maintain a system for the survey and inventory of historic properties. Redondo Beach is a Certified Local Government.

Community Development Block Grant (CDBG) Program – A Federal assistance program authorized by Title I of the Housing and Community Development Act of 1974. The funds are typically used for public works projects, economic development activities, and for rehabilitation programs for lower income neighborhoods. However, historic preservation is a “eligible activity” under the program, and funds can be used to rehabilitate, preserve, and restore historic properties. The CDBG program can also be used to conduct special planning studies and for special projects including conferences, seminars, and publications which address the preservation of historic buildings.

Design Guidelines – Criteria, locally developed, which identify local design concerns, drawn up in an effort to assist property owners to respect and maintain the character of the designated district or buildings in the process of rehabilitation and new construction.

Historic Context Statement – A narrative description of the broad patterns of historical development in a community or its region that is represented by historic resources. A historic context statement is organized by themes such as economic, residential, and institutional development.

Historic District – A geographically definable area possessing a significant concentration, linkage, or continuity of sites, buildings, structures or objects united historically or aesthetically by plan or physical development. Redondo Beach currently has two designated local historic districts.

Historic House Museum – A public or private educational institution, usually nonprofit, whose structure is itself of historical or architectural importance and whose interpretation relates primarily to the building’s architecture, furnishing, and history.

Historic Overlay Zone – A special zoning district created over an existing zoning district which imposes design and land use guidelines designed to prevent the demolition or destruction of historic properties.

Historic Resource – Any improvement, building, structure, landscape, sign, features, site, place, or area of scientific, aesthetic, educational, cultural, architectural, or historic significance to the citizens of Redondo Beach (as defined by Ordinance No. 2554).

Historic Resources Inventory – The organized compilation of information on those properties evaluated as significant according to a historic resources survey.

Historic Resources Survey – A process of identifying and gathering data on a community’s historic resources (including buildings, sites, structures, and districts) deserving recognition in order to provide a basis for possible official designation and help establish preservation goals and objectives. A survey includes field work – the physical search for and recording of historic resources on the ground – as well as research, organization, and presentation of the survey data.

Intensive-Level Survey – Documents all historic buildings, structures, sites, and objects in sufficient details to permit their evaluation and eligibility for listing in the National Register or a state or local equivalent.

Reconnaissance-Level Survey – Provides a general picture of the distribution of different types and styles of buildings and of the character of different neighborhoods. Information on individual properties is kept brief. Surveyors drive the streets and roads of a community and make notes on the buildings, structures, and landscape characteristics as well as the general character of the area (also referred to as a windshield survey).

Infill – Descriptive of buildings that have been designed and built to replace missing buildings or otherwise fill gaps in the streetscape. Preservationists are concerned that the design of infill architecture be compatible in such elements as style, height, proportion, and materials.

Interpretation – The education methods by which history and meaning of historic sites, buildings, objects, districts, and structures are explained by use of docents, leaflets, tape recordings, signs, films, and other means.

Local Landmark – Buildings, structures, sites, districts, and objects officially determined historically significant and designated so according to Ordinance 2554. Redondo Beach currently has 31 designated local landmarks

Memorandum of Understanding (MOU) – A binding agreement between the National Advisory Council for Historic Preservation, the State Historic Preservation Officer (SHPO), the Certified Local Government, and the lead Federal agency initiating a project, on how cultural resources within the area affected by a project will be identified and evaluated, and how potential adverse effects of the project will be mitigated. An MOU gives the certified local government the authority to conduct Section 106 review contingent upon the conditions agreed upon with the National Advisory Council and SHPO.

Mills Act – Created by California state legislation in 1976, the Mills Act allows cities to enter into contract with owners of historic buildings to provide a method of reducing property taxes in exchange for the continued preservation of the property. Property taxes recalculated using the Mills Act assessment may be reduced by 50 percent or more.

National Historic Preservation Act (NHPA) – Enacted in 1966 as a result of public concern that many of the Nation’s historic resources were not receiving adequate attention in Government-sponsored public works projects. The NHPA is the United States’ fundamental preservation law and provides the legal and administrative framework for local and national preservation efforts.

National Register Criteria for Evaluation – The four aspects of American history used to evaluate significance and eligibility for the National Register of Historic Places. They are: association with historic events or activities, association with important persons, distinctive design or physical characteristics or, potential to provide important information about prehistory or history. A property must meet at least one of the criteria for listing.

National Register of Historic Places – The official Federal list of districts, sites, buildings, structures, and objects significant in American history, architecture, archaeology, engineering, and culture. National Register properties have significance to the prehistory and history of their community, State, or the Nation. The register is administered by the National Park Service. Properties listed in the National Register possess significance and integrity. Significance is assessed according to the National Register Criteria for Evaluation (see above). Generally properties must be fifty years of age or more to be considered for the National Register. Redondo Beach has four individual properties and one district listed on the National Register.

Neighborhood Conservation Area (NCA) – A geographic area of the city, which can be commercial or residential, with a high concentration of historic resources. An NCA merits special consideration in the local planning process and may be under consideration for designation as a historic district.

Preservation Commission – A generic term applied to a municipal agency with the basic responsibility of designating and regulating historic landmarks and districts. Redondo Beach has seven commissioners appointed by the Mayor and City Council.

Rehabilitation – The act or process of returning a property to a state of utility through repair or alteration which makes possible an efficient contemporary use while preserving those portions or features of the property which are significant to its historical, architectural, and cultural values.

Restoration – The act or process of accurately recovering the form and details of a property and its setting as it appeared at a particular period of time by means of the removal of later work or by the replacement of missing earlier work.

Secretary of the Interior’s Standards for Rehabilitation – Standards developed by the Secretary of the Interior to assist the long-term preservation of a property’s significance through the preservation of historic materials and features. The Standards pertain to historic buildings of all materials, construction types, sizes, and occupancy and encompass the exterior and interior of the buildings as well as related landscape features and the building’s site environment. Many state and local municipalities use the Standards for reviewing preservation projects. The Standards are also used by the State Office of Historic Preservation in determining whether a rehabilitation qualified as a “certified rehabilitation” for federal tax purposes.

Section 106 – Enacted as part of the National Historic Preservation Act, Section 106 is the federal review process designed to ensure that historic properties are considered during federal project planning and execution. The process is administered by the **Advisory Council on Historic Preservation**, an independent federal agency responsible for advising the President and Congress on historic preservation issues. Federal activities or undertakings that are regulated by Section 106 may include construction of buildings, rehabilitation and repair projects, demolition, licenses, permits, local, grants, and federal property transfers. Properties subject to Section 106 review are eligible for or listed in the National Register of Historic Places.

State Historical Building Code (SHBC) – Designed to protect the state’s architectural heritage by recognizing the unique construction problems inherent in historic buildings, and provide alternative building regulations for the rehabilitation, preservation, restoration, or relocation of designated historic buildings. SHBC regulations are intended to facilitate restoration or accommodate change of occupancy while preserving a historic building’s original architectural elements and features. The code also addresses occupant safety, encourages energy conservation, provides a cost-effective approach to preservation, and facilitates accessibility issues.

State Office of Historic Preservation (OHP) – Responsible for administering preservation programs set up by federal and state law. Each state has such an office, established by the National Historic Preservation Act of 1966, and headed by the **State Historic Preservation Officer (SHPO)**, who is appointed by the governor. California is also served by the **State Historical Resources Commission (SHRC)**, a citizens group which is also appointed by the governor.

Appendix B

City of Redondo Beach Historic Register List

Notes:

Properties with Mills Act agreements indicated by *italic* text.

Properties in historic overlay zone indicated by underline

Properties on the National and/or California register indicated with ⊕

Numbered items are designated as local landmarks in the City of Redondo Beach

LHD – Local Historic District, designated as contributors to a historic district under local ordinance

NRHD – Listed in the National Register as a contributor to a National Register Historic District

NR – Individually listed in the National Register, but not designated under local ordinance

CR – Listed in the California Register, but not designated under local ordinance

<u>No./ Type</u>	<u>St. Number</u>	<u>Street</u>	<u>Common Name</u>	<u>Owner</u>	<u>Year Built</u>	<u>Date Designated</u>
1	⊕ 321	Diamond Street	Redondo Van and Storage/ Diamond Apartments	Greg Halvorsen Laurie Inadomi-Halvorsen	1913	7/5/90
2	⊕ <u>417</u>	<u>Beryl Street</u>	Sweetser House	Jim and Maureen La Point	1921	9/5/90
3	507 N.	Gertruda Avenue	Sweetser Guest House	Jim and Maureen La Point	1909	9/5/90
4	298	Flagler Lane	Morrell House at Dominguez Park	City of Redondo Beach	1906	2/6/91
5	302	Flagler Lane	Queen Anne House at Dominguez Park	City of Redondo Beach	1904	2/6/91
6 NRHD	⊕ 328 N.	<i>Gertruda Avenue</i>	Hibbard House/ Original Townsite Historic District	Randall R. Earp	1910	1/6/93

<u>No./ Type</u>	<u>St. Number</u>	<u>Street</u>	<u>Common Name</u>	<u>Owner</u>	<u>Year Built</u>	<u>Date Designated</u>
7	227	<i>Avenue C</i>	Griffey House	Arthur and Pearl Kole	1930	4/7/93
8	626	<i>Elvira Avenue</i>	Sale House	Jon and Karen Rosenberg	1922	4/7/93
9	213	<i>Avenue C</i>	Allingham House	Jack and Meredith Chapman	1931	9/1/93
10	616 S.	<i>Gertruda Avenue</i>	Waller House	Glen Swette	1937	10/28/93
11	702	<i>Elvira Avenue</i>	Thurber House	William and Dorothy Griffin	1923	10/28/93
12	⊕ 309	Esplanade	Old Main Library	City of Redondo Beach	1930	1/27/94
13	309	Esplanade	Moreton Bay Fig Tree	City of Redondo Beach	----	1/27/94
14	2604	<i>Fisk Lane</i>	Bissen House	Julie Meistrell	1905	1/27/94
15	605	<i>Garnet Street</i>	Pfeifer/Dodge House	Karolyn Williams	1912	1/27/94
16	717-719	<i>Esplanade</i>	Blauveldt House	Barbara Allen	1934	1/27/94
17	125 S.	<i>Irena Avenue</i>	Montague House	Peter Neushul Caroline McLean Neushul	1909	2/2/94
18	108 N.	<i>Broadway</i>	Dorrington Apartments	Elizabeth Luttrell Elsie May Carne	1907	2/24/94
19	519 S.	Catalina Avenue	Gephart House	Paul Felix	1913	5/4/94
20	510	<i>Garnet Street</i>	Lowe House	Robert B. Hazelton Janet Barker Hazelton	1910	5/4/94
21	417	<i>Miramar Drive</i>	Crisler House	Ross Cohan	1928	6/1/94
22	513	<i>Garnet Street</i>	Martin House	John H. Bloomingdale	1912	3/1/95
23	209	<i>Avenue C</i>	Humer House	Harry Mackenzie Susan Wyllie	1921	3/1/95
24	2500	<i>Graham Avenue</i>	Manny House	Gary & Connie Basel	1934	5/3/95

<u>No./ Type</u>	<u>St. Number</u>	<u>Street</u>	<u>Common Name</u>	<u>Owner</u>	<u>Year Built</u>	<u>Date Designated</u>
25	501	<i>Avenue B</i>	Davis House	Victor & Cecilia Martinez	1930	10/4/95
26	509	<i>Garnet Street</i>	Cholvin House	Dan Sherman & Carol Egerer	1913	10/4/95
27	607	<i>Esplanade</i>	Albee House	Krista Allen & Maher Seisi	Pre-1906	1/3/96
28	323 S.	<i>Francisca</i>	Thomas House	Gary Higgins	1892	2/7/96
29	512	<i>Garnet Street</i>	Hussong House	Ruth M. Jones	1910	2/7/96
30	422 S.	<i>Guadalupe</i>	Murray House	Bruce Watson & Patricia Grau	1936	7/3/96
31	216	<i>Avenue C</i>	Harvey House	John & Angela Sumi	1919	10/1/97
LHD	216 N.	Catalina Avenue	North Catalina Historic District	Carl & Dorothy Karfs	Pre-1895 1913	9/6/95
LHD	218 N.	Catalina Avenue	North Catalina Historic District	Carl & Dorothy Karfs	Pre-1895	9/6/95
NRHD	⊕ 303 N.	Gertruda Avenue	Original Townsite Historic District	Herman and Jackie Bose	1907	--
LHD NRHD	⊕ 304 N.	Gertruda Avenue	Gertruda Avenue Historic District/ Original Townsite Historic District	Eileen Irvin	1911	8/6/91
NRHD	⊕ 305 N.	Gertruda Avenue	Original Townsite Historic District	Arthur H. Sorem	1911/ 1920	--
LHD NRHD	⊕ 306 N.	Gertruda Avenue	Gertruda Avenue Historic District/ Original Townsite Historic District	Maxine Bopp	1921	8/6/91
LHD NRHD	⊕ 307 N.	Gertruda Avenue	Gertruda Avenue Historic District/ Original Townsite Historic District	Richard and Karen Burke	1907	8/6/91

<u>No./ Type</u>	<u>St. Number</u>	<u>Street</u>	<u>Common Name</u>	<u>Owner</u>	<u>Year Built</u>	<u>Date Designated</u>
LHD NRHD	⊕ 308 N.	<i>Gertruda Avenue</i>	Gertruda Avenue Historic District/ Original Townsite Historic District	Hector and Pamela Chavez	1911	8/6/91
LHD NRHD	⊕ 309 N.	Gertruda Avenue	Gertruda Avenue Historic District (non-contributing)/ Original Townsite Historic District	Richard and Karen Burke	1993	8/6/91
NRHD	⊕ 310 N.	Gertruda Avenue	Original Townsite Historic District	Larry F. Boll	1911	--
LHD NRHD	⊕ 311 N.	Gertruda Avenue	Gertruda Avenue Historic District/ Original Townsite Historic District	Mary & Alexander Campbell	1913	8/6/91
LHD	312 N.	Gertruda Avenue	Gertruda Avenue Historic District (non-contributing)	Gloria Liu	1980	8/6/91
LHD NRHD	⊕ 313 N.	Gertruda Avenue	Gertruda Avenue Historic District/ Original Townsite Historic District	Janet Kimbrel	1914	8/6/91
LHD NRHD	⊕ 314 N.	Gertruda Avenue	Gertruda Avenue Historic District/ Original Townsite Historic District	Richard and Sidney Riden	c. 1917	8/6/91
LHD NRHD	⊕ <u>315 N.</u>	<u>Gertruda Avenue</u>	Gertruda Avenue Historic District/ Original Townsite Historic District	David & Shannon Moody	1913	8/6/91
LHD NRHD	⊕ 316 N.	<i>Gertruda Avenue</i>	Gertruda Avenue Historic District/ Original Townsite Historic District	Dennis and Kelli Sullivan	1913	5/4/94

<u>No./ Type</u>	<u>St. Number</u>	<u>Street</u>	<u>Common Name</u>	<u>Owner</u>	<u>Year Built</u>	<u>Date Designated</u>
LHD NRHD	⊕ 317 N.	Gertruda Avenue	Gertruda Avenue Historic District/ Original Townsite Historic District	Darrow and Debra Fiedler; Rick Gandolfo	1922	8/6/91
LHD NRHD	⊕ 318 N.	<i>Gertruda Avenue</i>	Gertruda Avenue Historic District/ Original Townsite Historic District	Karen and Michael Williams	c. 1907	8/6/91
LHD NRHD	⊕ 319 N.	<i>Gertruda Avenue</i>	Gertruda Avenue Historic District/ Original Townsite Historic District	Vivian Kulvicki	1911	8/6/91
NRHD	⊕ 320 N.	Gertruda Avenue	Original Townsite Historic District	Ronald S. Yearley	1907	--
NRHD	⊕ 321 N.	Gertruda Avenue	Original Townsite Historic District	Christopher C. Pecci	1910	--
NRHD	⊕ 322 N.	Gertruda Avenue	Original Townsite Historic District	Thomas C. Bryan	1922/ 1924	--
NRHD	⊕ 324 N.	Gertruda Avenue	Original Townsite Historic District	Krista M. Read	1910	--
NRHD	⊕ 325 N.	Gertruda Avenue	Original Townsite Historic District	Sandra Dyan	1906/ 1912	--
NRHD	⊕ 327 N.	Gertruda Avenue	Original Townsite Historic District	Janet Landis	1906	--
NRHD	⊕ 329 N.	Gertruda Avenue	Original Townsite Historic District	Michael G. Gabor	1908/ 1920	--
NRHD	⊕ 505 N.	Guadalupe Avenue	Original Townsite Historic District	Mary K. Reynolds	1907	--
NRHD	⊕ 507 N.	Guadalupe Avenue	Original Townsite Historic District	Arlene J. Keener	1922	--

<u>No./ Type</u>	<u>St. Number</u>	<u>Street</u>	<u>Common Name</u>	<u>Owner</u>	<u>Year Built</u>	<u>Date Designated</u>
NRHD	⊕ 509 N.	Guadalupe Avenue	Original Townsite Historic District	Timothy and Cheryl Valenzuela	1907	--
NRHD	⊕ 511 N.	Guadalupe Avenue	Original Townsite Historic District	Mary Reynolds and Hester B. Rilley Trust	1921	--
NRHD	⊕ 512	Carnelian Street	Original Townsite Historic District	Violeta E. Herman	1907	--
NRHD	⊕ 610-614	Carnelian Street	Original Townsite Historic District	Anna M. Baker	1910/ 1922	--
NR	⊕ 400 S.	Broadway	Women's Club of Redondo Beach	Women's Club of Redondo Beach	1922	--
CR	⊕ 225	Avenue D		Bonnie Corbin	1917	---
CR	⊕ 211	Avenue E	Hogue House	Grace Knight	1930	---
CR	⊕ 417	Emerald Street	Johnson House	Helen White	1911	---

Appendix C
City of Redondo Beach Historic Properties Maps

Appendix D
Preservation Ordinance No. 2554

Appendix E

Historic Preservation Information & Contacts

Local:

Planning Department/Preservation Commission
Teresa Gianos, Associate Planner
City of Redondo Beach
415 Diamond Street
Redondo Beach, CA 90277
(310) 318-0637
<http://www.redondo.org/>

Historical Commission
City of Redondo Beach
Recreation and Parks Department
320 Knob Hill
Redondo Beach, CA 90277
(310) 372-1171

Redondo Beach Historical Museum
Heritage Court at Dominguez Park
Redondo Beach, CA 90277

Redondo Beach Historical Society
P.O. Box 978
Redondo Beach, CA 90277
(310) 316-1855
<http://members.aol.com/RBHistSoc>

Redondo Beach Public Library
303 North Pacific Coast Highway
Redondo Beach, CA 90277
(310) 318-0675

Los Angeles County:

Historic Landmarks and Records Commission
County of Los Angeles
Hall of Administration, Room 383
500 West Temple Street
Los Angeles, CA 90012
(213) 974-1431

State:

State Office of Historic Preservation
State of California
Department of Parks and Recreation
1416 9th Street, P.O. Box 942896
Sacramento, CA 94296
(916) 653-6624

National:

National Park Service
Pacific West Region
600 Harrison Street, Suite 600
San Francisco, CA 94107
(415) 427-1300

Miscellaneous Organizations/Associations:

American Association for State and Local History
1717 Church Street
Nashville, Tennessee 37203
(615) 320-3203

California Preservation Foundation
405 14th Street Suite 1010
Oakland, CA 94612
(510) 763-0972

Conference of California Historical Societies
University of the Pacific
3601 Pacific Avenue
Stockton, CA 95211
(209) 946-2011

Los Angeles Conservancy
523 W. 6th Street, #1216
Los Angeles, CA 90014
(213) 623-2489

National Trust for Historic Preservation
Western Office
One Sutter Street, Suite 707
San Francisco, CA 94103
(415) 956-0610

Appendix F

City of Redondo Beach, Planning Department Preservation Documents Available to the Public

Application for Landmark and Historic District Designation

Design Guidelines

Fact Sheet, City of Redondo Beach Landmark Designation

Historic Context Statement (\$5.00)

Mills Act Brochure

Preservation Brochure

Preservation Commission Newsletter -- *Preservation: Redondo!*

Preservation Ordinance No. 2554

A Photographic Collection of Historic Landmark Properties, 2nd ed. (\$3.00)

Redondo Beach Preservation Program Video (27:2 minutes) Available on loan

Appendix G

Sources

The following sources were used to prepare the “Definition of Historic Character” section of this document:

A Photographic Collection of Historic Landmark Properties, 2nd ed. City of Redondo Beach, Planning Division, September 1996.

Becker, Rick. “Redondo Pier Transformation.” *Redondo Beach Historical Society Newsletter* VI (Winter 1994): 1+.

Crump, Spencer. *Ride the Big Red Cars: The Pacific Electric Story*. Glendale, CA: Trans-Anglo Books.

Duncan-Abrams, Marguerite and Barbara Milkovich. “City of Redondo Beach Historic Context Statement.” 6 September 1995.

Howard, Gregory. *Southern California’s Seacoast: Then and Now*. Redondo Beach: Howard-Gregory Associates, 1981.

Lisle, Paul W. “Redondo Beach.” *Scenic America* (July 1912): 33-41.

Shanahan, Dennis. *Old Redondo: A Pictorial History of Redondo Beach*. Redondo Beach, CA: Legends Press, 1985.

Snyder, Gloria. “Redondo Beach – A Century in the Making.” *A Centennial Tribute to Redondo Beach, 1892-1992*. Cost Mesa: Historic Publications, Inc., 1992.

HISTORIC CONTEXT STATEMENT PREPARATION TEAM

The following individuals have contributed toward the preparation of the Redondo Beach Historic Context Statement. Any omissions are accidental.

Consultant Team

Marguerite Duncan-Abrams
Historical Resources Management
544 Prescott Street
Pasadena, CA 91104
(818) 797-5807

Barbara Milkovich, Ph.D
Joseph J. Milkovich and Associates
6032 Dundee Drive
Huntington Beach, CA 92647
(714) 897-9766

Planning Department Staff

Randy Berler - Senior Planner
Anita Kroeger - Associate Planner

City of Redondo Beach
Community Development Department
Planning Division
415 Diamond Street
Redondo Beach, CA 90277
(310) 318-0637

State Office of Historic Preservation

Maryln Lortie
Historian II
Department of Parks and Recreation
State Office of Historic Preservation
P.O. Box 942896
Sacramento, CA 94296-0001
(916) 653-6624

Preservation Commission

Jonathan Eubanks - Chairperson
Sammie Haley - Vice Chairperson
Gloria Snyder - Secretary
Robert Cardona - Commission Member
Marvin Cheeks - Commission Member
Pamela Lemke - Commission Member
Wayne Powell - Commission Member
*Frank Bostrom - Commission Member**

National Trust for Historic Preservation

Frank B. Gilbert
Senior Field Representative
National Trust for Historic Preservation
1785 Massachusetts Avenue, N.W.
Washington, D.C. 20036
(202) 673-4214

*Past member of the Preservation Commission.

TABLE OF CONTENTS

INTRODUCTION	Pages 1 - 4
Statement of Purpose	1
Context Statement Overview	1
Selection of Context, Time Period and Format	
Methodology	
Geographic Framework	3
Historic Context	4
TRANSFORMATION FROM PASTORAL ECONOMY TO COMMERCIAL ECONOMY 1834-1888	Pages 5 - 10
The Pastoral Period: 1834-1887	5
Local Economic Development - The Great Ranchos	
Local Economic Development - The Salt Works	
Agricultural Era: 1881-1887	7
Early Development of Redondo Beach: 1887-1888	8
Physical Evidence	10
EARLY DEVELOPMENT OF REDONDO BEACH 1888-1923	Pages 11 - 28
Development of Redondo Beach Townsite: 1888-1905	11
Industrial/Commercial Development	
Resort Development	
Railroad Connections	
Civic Development	
Physical Evidence	
The Harbor - Expansion and Transition: 1905-1923	16
Resort Improvements	
Industrial Developments	
Development of Clifton-by-the-Sea and Hollywood Riviera	
North Redondo Beach: 1905-1923	22

Carlson and Peck's "Redondo Villa Tracts" Redondo Villa Tract Residents Work to Define Their Community Civic Development and Community-based Promotion	
Physical Evidence	26
Original Townsite	
North Redondo	
CULTURAL CONSOLIDATION AND THE SEARCH FOR NEW ECONOMIC VITALITY 1923-1939	Pages 29 - 37
Original Townsite	29
Residential Developments	
Industrial Developments	
Resort Developments	
Civic and Commercial Developments	
North Redondo - A New Beginning: 1923-1927	32
Expansion of Commercial and Residential Development	
Civic Developments	
Annexation of North Redondo - Growing Together 1927-1939	34
Industrial Expansion	
Infrastructure and Civic Improvements	
Residential Development	
Physical Evidence	36
Original Townsite	
North Redondo	
WORLD WAR II EXPANSION 1940-1950	Pages 38 - 42
Original Townsite	38
Residential Growth	
Resort Development	
North Redondo	39
Transition to a Residential Economy Accelerates	
Commercial Expansion	
Civic Expansion	
Physical Evidence	40
Original Townsite	
North Redondo	

TABLE OF CONTENTS

Conclusion	42
SELECTED BIBLIOGRAPHY	Pages 43 - 45
SUMMARIES	Pages 46 - 83
Clifton-by-the-Sea	46
Hollywood Riviera	53
North Redondo	58

INTRODUCTION

STATEMENT OF PURPOSE

Historic themes serve as a unifying vocabulary which is essential to the identification and explanation of the historic resources within a community. The purpose of this Historic Context Statement is to develop a sound understanding of the major themes of Redondo Beach history. Once identified, the Historic Context Statement will serve as a frame work into which the City's cultural and architectural resources may be placed and interpreted for the future benefit of the community-at-large. This Context Statement will also serve as the foundation for:

- The update and completion of the 1986 Redondo Beach Historic Resources Survey;
- The re-evaluation of building ranking, including the large percentage of buildings currently holding a "C" ranking. Those holding "A" or "B" rankings may also be re-evaluated for possible landmark or National Register listing;
- The identification of historic landscapes;
- The establishment of goals and priorities for the incorporation of the City's historic resources into a city-wide plan;
- The expansion of the City's volunteer landmark program by providing an incentive which enhances the attractiveness of this program to potential participants;
- The future publication of materials highlighting the unique aspects of the community's heritage;
- The creation of training material for City staff and commission members.

CONTEXT STATEMENT OVERVIEW

Selection of Context, Time Period and Format

A number of possible contexts were identified and evaluated. Not all fully encompassed the historic resources of this community. Other themes were found to overlap. The context of "Economic Development" was selected, therefore, as the most effective format for the identification, evaluation, registration and treatment of historic resources in Redondo Beach.

The time period selected for this Statement extends from the issuance of the original land grants by the Mexican Government in 1834, through the City's post-war development. 1950 was selected as the approximate date of closure for this report since it allows for the recognition of resources which will reach the "50 years or older" requirement by the year 2000.

For discussion purposes, the approximate 115 year span covered in this report has been

divided into the following four segments:

1834 - 1888	Transition from Pastoral Economy to Commercial Economy
1888 - 1923	Early Development of Redondo Beach
1923 - 1939	Cultural Consolidation and the Search for New Economic Vitality
1940 - 1950	World War II Expansion

In the second and third segments of this report, the material is organized by two geographic regions: the coastal region including the original townsite, Clifton-by-the-Sea and Hollywood Riviera, and the inland region known as north Redondo. Although the history of north Redondo is directly linked to the history of the coastal region, separation between the two areas recognizes the fact that north Redondo was a distinct community prior to its annexation in 1927. This format also allows for greater attention to detail - an important element in the understanding of the area's development. Unlike the coastal portions of the City, north Redondo's heritage and historic resources have received very little scrutiny since histories of the community have been published and the area was not included in the City's Historic Resources Survey conducted in 1986.

At the end of each segment, we have included a section entitled "Physical Evidence." The purpose of this segment of the report is to suggest the kinds of structures which existed in each era, rather than to attempt a full identification list. Using hints from within the Context Statement, future investigators will be alert to evidence of historic Redondo Beach and be able to identify significant structures as well as fill out the interpretations of current historic resources. In discussions of the City's history after 1905, separate Physical Evidence sections have been provided for the original townsite and north Redondo. In north Redondo, where significant growth has occurred within the last fifty years, the existence of all historic structures identified in this report should be investigated and confirmed.

A bibliography and summaries of primary research materials appear at the end of this report. Summaries attached include material relating to the history of north Redondo, Clifton-by-the-Sea, and Hollywood Riviera. These summaries reflect only a portion of the substantial collection of news paper clippings and documents compiled by local historian and Preservation Commission member, Gloria Snyder. Her collection and knowledge of the community has proven an invaluable source in the preparation of this report. Mrs. Snyder may be reached for data through the City of Redondo Beach, Preservation Commission.

Methodology

Preparation of this Context Statement was based upon the requirements outlined in the City's request for proposals. Following an initial field review, consultants presented a three-phase work program to be completed within a thirteen week time frame. During Phase I, secondary historical sources including books, theses and articles which discussed Redondo Beach were examined in order to develop a list of potential contexts. This list was then reviewed by members of the City's Preservation Commission. Following their review, the investigation of research materials was expanded to include primary resources such as newspaper articles, personal narratives, historic maps, and population data. At the completion of the first phase, consultants met once again with the Preservation Commission to approve the context selected and to review an outline for the proposed Context Statement. Phase II involved the preparation of an initial

draft which utilized secondary and primary historical data. This draft was reviewed by the Preservation Commission, the State Office of Historic Preservation and a representative of the National Trust. The third and final phase of the project involved the preparation and submittal of a final report and Context Statement.

GEOGRAPHIC FRAMEWORK

Redondo Beach lies on the western edge of the Peninsular Mountain Range which runs northwest and southeast along the coast of Southern California. It is approximately 17 miles from the City of Los Angeles, situated on the southern end of modern Santa Monica Bay. The incorporated city rests on portions of three historic ranchos: San Pedro, Los Palos Verdes, and Sausal Redondo.

Several distinct sections make up the modern city of 6.35 square miles. The original city was established in 1887. The area of this original site covered 1214.08 acres or approximately 2 square miles. A second section to the northeast, the Redondo Villa Tracts, was first subdivided in 1906, and became part of the city in 1927. This annexation brought an additional 2252.6 acres (approximately 4 square miles) of rural territory to the original townsite and created a city structure reminiscent of two rectangles set side-by-side, one set slightly above the other, which overlap at one corner. Today, the area included in the 1927 annexation is generally referred to as "north Redondo." Clifton-by-the-Sea, adjoining the original city on the south, began in 1906. A portion of it annexed to the city in 1913, and other tracts within the area have annexed at different times since then. The final section, Hollywood Riviera, lies south of Clifton-by-the-Sea and is divided between Redondo Beach and Torrance. These latter areas, although originally distinct, today blend into the resort and residential ambiance of the original city.

Although most people think of the Los Angeles basin as being quite flat, Redondo Beach is surrounded by rolling hills. The hills are indicative of the earthquake faults deep within the subsurface, and associated deposits of oil. Both factors have shaped the historic identity of the region. Saline deposits located a few yards inland from the sea formed a third factor which virtually defined the site of Redondo. These deposits, which appear on many historical maps as a salt lake, salt pits or salt works, served as a defining landmark during the Spanish and Mexican periods and well into the Pastoral period. Anthropologists have placed a Native America village known by a variant of the root word *engnor*, meaning salt, at the location (Johnston 1962, 93). This long-identified site continues to define modern Redondo Beach. Today, the Southern California Edison Steam plant with its towering discharge stacks and handsome concrete facade rises near the location of the original salt pits and serves as a visual reference from most main thoroughfares of the city.

The original community of about 1214 acres was planned in 1887 on a natural amphitheater above the beach. Because of the limited acreage, the land was devoted to residential resort living and wharf related industry. Only a few yards out to sea, the amphitheater continues into a deep water canyon. Early promoters of the town pointed to the flat surface of the water

and commented that oil deposits seeping up from the canyon helped to keep the water calm. Experience, however, has shown otherwise. The bay, while partially sheltered, is subject to severe storm action. The storms, and the first breakwater designed to protect the beach front changed the configuration of the shoreline even before construction of the present Southern California Edison plant in 1946 and King Harbor marina in the 1960s.

In recent decades, Redondo Beach has undergone many changes, especially along the waterfront where the marina, King Harbor, has replaced most of the early industrial area and the associated small dwellings. Modern condominium developments, which now stand in place of the original downtown business district, have further altered the character of the area. Only one pre-1945 wharf, the Monstad Pier, remains to recall an earlier stage in the City's development.

The northern section of the community, composed of approximately 3000 acres and first known as the Redondo Villa Tracts, is entirely different. Here the land is gently rolling and dry. The soil, however, is productive. Over the years, many small farms and dairy-type operations prospered here. During the late 1920s, oil was discovered in this section, as well as in nearby Torrance, forming the Redondo-Torrance oil field. North Redondo, which was originally subdivided as an agricultural area in 1906 and later experienced further subdivision during the Depression and post-war era, is today defined by its dense population and a broad range of architectural styles.

Because of the salt lake, transportation linkages between Redondo, San Pedro and Los Angeles formed very early. When the Santa Fe railroad entered the basin, it made Redondo Beach a terminus for shipping. Two electric railways followed, which served the tourists who flocked to the pleasant beach in good weather. Evidence of these early railway lines remains today and can be seen in street curvature, the location of major intersections and the location of the City's principal commercial centers.

HISTORIC CONTEXT

Most people think of Southern California as a region with only a recent heritage. It was, however, explored and claimed by Spain within the same time frame as the English colonists' establishment of their footholds on the Atlantic Coast. In fact, while the American Revolution raged on the East Coast, Spanish Friars worked in the Los Angeles basin to establish missions and introduce European agricultural and architectural practices. The City of Los Angeles, which dates from 1781, preceded efforts to settle the southern portions of the east including areas which today constitute the states of Tennessee, Kentucky and Arkansas. By the 1830s, contact between Americans traveling by ship from Boston and the owners of Southern California's large ranchos had been established. Despite these initial contacts, however, the "American West" in the early 1840s still meant the area between the Appalachian Mountains and the Mississippi River, a region that included much of the present-day Midwest. Today, Southern California's historic sites and traditional names bear testimony to the long period of Spanish and Mexican rule as well as the settlement of America's frontier.

TRANSFORMATION FROM PASTORAL ECONOMY TO COMMERCIAL ECONOMY 1834 - 1888

THE PASTORAL PERIOD: 1834 - 1887

The fifty year period from approximately 1834 to 1887 is usually called the Pastoral Period in Southern California because it was characterized by a blend of Mexican and Anglo ranching life. Rancheros, or ranch owners, raised cattle and horses on vast open plains. Before the gold rush of the 1850s, the cattle were raised primarily for their hides — California dollars— which were sold to seafaring merchants in exchange for finished goods and supplies from places as far away as Boston. Romantics have pictured this period as one of leisure and plentitude, but, in truth, it represented the frontier living of a European society.

The pace quickened and life became more complex for the rancheros at the conclusion of the Mexican War in 1849. In this year, the United States and Mexico signed the Treaty of Guadalupe Hidalgo, ceding much of the Mexican north (the American Southwest), including California to the United States. The following two decades were marked by turmoil for the Mexican ranchers who made and lost fortunes from cattle sales to feed northern California miners during the great gold rush of the 1850s. These ranchers borrowed heavily from Americans to finance their efforts to prove land claims or meet other obligations, and faced with foreclosure, often lost large portions of their ranchos to satisfy comparatively small debts. Finally, their wealth was decimated by a series of natural disasters, and by the mid 1860s it had become clear that the rancheros were unable to continue ranching in the style of their forbearers. Land sales mounted and American settlement increased. By the 1880s, the era of the ranchos was over. While the Mexican owners' losses were tragic, they meant that incoming Americans could acquire large tracts of land for a comparatively small price. Small farms dotted the plain between Los Angeles and the coast, and towns developed on the open land a full decade before the founding of Redondo Beach.

Local Economic Development —The Great Ranchos

Unlike some of the late nineteenth century towns platted along the coastline, Redondo is laid out over portions of three different rancho: San Pedro, Los Palos Verdes and Sausal Redondo. All three ranchos date from the Spanish period (ending in approximately 1822) when civilians were allowed to graze cattle on lands not claimed by the Missions. Mexico won its independence from Spain in 1822, and soon began to secularize the Mission lands, granting them to former soldiers who had held Spanish grazing rights. Since these three ranchos were already in secular hands, the governor gave their owners grants to them beginning in the mid 1830s.

San Pedro, the largest and oldest of the three, covered approximately 43,000 acres (Robinson 1939, 224) and lay in an arc, bounded on the east by the San Gabriel River, on the south and west by the Pacific Ocean, and on the north by “a monument of stones, extended westward from the San Gabriel River to certain well-known salines, or salt pits, on Redondo Bay.” (Cleland 1951, 9). Today, its boundaries include most of the original city of Redondo Beach as well as modern Torrance, Gardena and Compton (Cleland 1951, 12-13, frontispiece).

Early in his administration of Rancho San Pedro, a Dominguez ranch manager gave the Sepulveda family permission to graze their cattle on part of the property. Eventually the Sepulvedas claimed the section as their own. Their claim was later upheld by the Mexican government in the 1830s, creating a separate ranch, Rancho Los Palos Verdes. Its boundaries included the Palos Verde Peninsula, and contained about 31,000 acres (Robinson 1939, 222). The Hollywood Riviera and Clifton-by-the-Sea sections of Redondo are carved out of this rancho.

The third rancho, Sausal Redondo, lay along the coast, north of the original Redondo Beach townsite and contained about 22,500 acres. It was later combined with another rancho, Aguaje de la Centinela, by an American owner before he subdivided it. Modern histories of the area usually contain references to both ranchos. North Redondo, however, includes approximately 2300 acres of the inland side of only Rancho Sausal Redondo. El Segundo, Hawthorne, Hermosa Beach and Manhattan Beach overlap both ranchos (Robinson 1939, frontispiece).

Local Economic Development — The Salt Works

The salt pits defined the future city of Redondo Beach and the first American industry along Redondo Bay. At their largest, these salt deposits formed a spring-fed lake 200 yards wide by 600 yards long. The lake was located some 200 yards inland from the ocean and approximately 6 to 10 feet above sea level.¹ In 1854, the United States Government approved the patent for Rancho San Pedro which confirmed its ownership to Manuel Dominguez. Dominguez then sold about 215 acres, including the salt lake to two Los Angeles merchants, Henry Allanson and William Johnson, who organized the Pacific Salt Works (Gillingham 1961, fol. 258 and Johnson 1965, 25). They began to manufacture salt using wood fired boilers to hasten evaporation. A newspaper article explained the process in 1856:

The water is drawn from the lake through an iron pipe by means of a force pump, and is conducted into a reservoir, from which it is led by a wooden pipe into the kettles in the boiling house. As the salt forms in the kettles it is removed, and water added in proportion to the

¹Prior to 1830, the Missionaries claimed proprietorship of the mineral resource. Spanish records, however, suggest that instead of utilizing this source, the natives traveled to Imperial Valley for salt (Johnson 1965, 25). After that time, probably because the mission lands were secularized, both Native Americans and Europeans began to harvest the lake for domestic salt.

evaporation.²

In addition to these kettles, they also used flat tanks to manufacture salt by solar evaporation. The salt works operation, however, was not successful because of the high costs of shipping. It was cheaper to ship salt by water from New York to San Francisco, than it was to ship the product overland to San Pedro, and from there ferry it by "lighter" (flat bottomed barge) out to ships in the harbor which carried it to San Francisco. While their product was excellent, the local market in Los Angeles was not strong enough alone to support them. They failed in 1862, and another Los Angeles merchant, Frances Mellus, purchased the business and continued the solar operation. His widow, remarried to Jean Trudell, continued to produce salt and refine it at the Trudell mill in Los Angeles.

Despite the quality of its product, the Salt Works did not survive following the Southern Pacific Railroad arrival in Los Angeles in the mid 1870s. Although the railroad reduced the cost of marketing some of the region's products, it brought outside competition to local industries in Los Angeles, including the salt works. Salt could be shipped to Los Angeles from the Salton Sea via the railroad cheaper than it could be hauled the sixteen miles from the bay by wagon. In 1881, the inland company, the Liverpool Salt Works, bought the Pacific Salt Works, and abandoned it. The impressive buildings were still standing in the mid 1880s, but all traces were gone by 1901 (Johnson 1965, 28-30). In modern times, the Native Daughters of California dedicated a plaque to the memory of this first industry. It read:

This marker locates the site near which the Indians and early California settlers came to obtain their salt, which at many times was more valuable than gold (Johnson 1965, 23).

AGRICULTURAL ERA: 1881 - 1887

The American development in Southern California began with the dissolution of the Ranchos in the 1860s, but accelerated in the 1870s in anticipation of the coming of the railroad. During this relatively short period, 1881-1887, the landscape of Los Angeles changed from open range to small farms and tiny hamlets. Some visionaries looked west toward Asia for trade opportunities as well as possible sites to construct local harbors. Others looked inland and planned railroads to reach these harbors. Los Angeles became the confluence of the dreamers of commercial trade. When the Southern Pacific Railroad arrived in 1887, the lands between it and the coast became valuable links between the city and the water's edge. Cities such as Santa Monica, already a favorite camping and picnic site, were plotted as cities on paper and shaped by speculation and developers' expectations. Because developers of the coastal region sought to balance profitable tourism with the industrial potential of ocean ports, the communities they created were planned to allow for both types of commercialism. Modern notions of separation

²*Los Angeles Star*, 26 September 1856 in Thompson & West, reproduction 1959, 68.

of residential or resort and industrial uses in coastal city planning were not yet in fashion.

Los Angeles' economy expanded steadily with the arrival of newcomers and the growth of businesses. Promoters descended upon the region. Most of the newcomers came to invest in land for themselves, or to promote real estate investments by others. Land sales escalated as the ranchos were subdivided, sold and sold again. Finally the peak of the boom came in the summer of 1887 after the arrival of the Santa Fe Railroad to Los Angeles broke the Southern Pacific monopoly. During this three month period, \$38,000 worth of land was sold in Los Angeles County alone (Dumke 1970 ed., 9-10).

The boom of the 1880s was largely an urban phenomenon. Although land was sold in farm size parcels as well as town lots and continued to be prized for farming and orchards, the emphasis had clearly shifted to town building. Urban capital financed the boom; city realtors promoted it. Sixty towns were developed along the coastward plain of Los Angeles in 1887-8. Most of those along the water's edge, including Redondo Beach, promoted themselves as potential harbor sites. Two Los Angeles based developers of Redondo Beach, Judge Charles Silent and Nathan Vail, were involved in planning at least one other town nearby — Inglewood — and owned a large block of land north of the original townsite. This site encompassed nearly half of what is now known as north Redondo and was purchased by the two prior to their establishment of the Redondo Beach townsite. Silent and Vail exemplify the kind of land developers active along the coast during the boom period. With offices in Los Angeles, they began the development and then sold out to go on to other opportunities. Unlike many of the inland colony founders, they had no real personal ties to Redondo Beach. They were, however, interested in the commercial potential of a new bay community.

EARLY DEVELOPMENT OF REDONDO BEACH: 1887-1888

Except for the small section sold to the Pacific Salt Works Company, the Dominguez property remained intact until the mid 1880s when it was divided among surviving family members. Three Dominguez daughters shared in the section which fronted on Santa Monica Bay. Charles Silent, president of the Redondo Beach Company, purchased 1000 acres from them according to an August 1887 agreement (Solano-Reeve Collection). The property included the 400 acre section called "Ocean Tracts" and approximately 600 acres from the tracts immediately east of the Ocean section, called the "Dunes Tracts." He and his partners, including N. R. Vail and Dan McFarland, began to promote and create a new city on the bay. William Hammond Hall, California State Engineer, prepared the original site map for the town.

The period of control by Silent and his partners was brief, but important to the physical configuration of Redondo Beach. Undoubtedly aware of the popularity of seaside camping and resort living, the company proposed a seaside village, built in tiers above the beach. Hall, who had designed Golden Gate Park in San Francisco, created a village plan, incorporating romantic street names evocative of the Spanish period and, cleverly included names of Dominguez family women. Pebbles from the beach front included a variety of precious and semi-precious stones,

so the intersecting streets were given jewel names like Diamond, Emerald and Carnelian. The company officials planned to capitalize on the beach by constructing a hotel and pleasure pier built with iron standards but when Hall realized that rolling breakers in the bay meant the existence a deep off-shore canyon, he recommended that they also consider Redondo Beach for a commercial harbor.

An early plat map drawn by Hall reflected the company's plans for a resort and commercial center. It showed the supposed depths of the deep harbor and a "Y" shaped pier for ship and pleasure boat landings in the center beach front. North of the pier, was a railroad yard, and to the south, a large hotel surrounded by park like gardens. Set inland a few blocks was the Chautauqua complex, a sure draw for tourists of the era.

The Chautauqua movement was a phenomenon of the late nineteenth century which spread across the United States. Designed to educate people who were not able to participate in traditional higher education, it provided a four year course of learning in science and literature to be used in home study programs. People worked alone or in literary circles, studying and discussing the material year around. The highlight of the year was usually a conference of Chautauquans held in a park setting. These conferences drew thousands of participants, and were a major attraction for a resort community.

The Southern California Chautauqua had been established at Long Beach in 1886. The organization built an auditorium and met there in the summer of 1887. By fall, however, some of the leaders became concerned that they did not have enough room in bustling Long Beach to expand. At this point, the Redondo Beach Company offered them 600 lots to sell with the understanding that profits from the land sale were to be invested in the construction of the Chautauqua buildings. In their effort to attract this group, the promoters created the Chautauqua symbol, the "Lamp of Learning," in the street pattern north of the proposed Chautauqua complex site, and named the streets for men who were important to the Chautauqua movement. As a result of the generous offer from the Redondo Beach Company, a group moved from Long Beach to Redondo to begin a rival center.

Established at the height of the Southern California real estate boom of the 1880s, Redondo Beach was one of the towns which showed great promise as an industrial harbor and a resort. Its own story is a part of the story of the growth of greater industrial Los Angeles. Its experiences mirror those of other coastal towns whose economy is based on the ocean. The city began in a region which was already becoming urbanized in the latter part of the nineteenth century, and was linked to the growing metropolis of Los Angeles by rail from its inception. In another location, far from a large city, it might not have been able to survive the loss of its major industries to become an established choice residential and resort city in the 1990s. Here, however, it was able to survive because it could depend on the metropolitan area for jobs, as a market for its produce and as a source for professional services.

Physical Evidence

The first hotel, wharf, and Chautauqua were under construction at the end of this period, but no structural evidence remains of any of them. What does remain, however, are corridors and street patterns and markings on historic maps. Many maps dating after the 1850s show the salt works on the bay where Redondo is now, reemphasizing the importance of Redondo's first industry. Boundary lines between ranchos often became corridors or early wagon roads. Thus, the boundary between Rancho San Pedro and Rancho Sausal Redondo is roughly modern Ripley Avenue while the boundary between San Pedro and Palos Verdes ranchos is still defined by the alley between Knob Hill and Avenue "A". Other streets are named for prominent property owners in the area. For example, Vail Avenue takes its name from one of the founders, but also probably from the fact that it connected some of the Vail family holdings and modern Artesia Boulevard. It is also likely that Grant Avenue is named for the land grant boundary north of Ripley. Remnants of the "Chautauqua Lamp of Learning" are still clearly visible in the formation of Vincent Street, El Redondo Street, Spencer Street and Vincent Park. Fleming Street, which originally formed the northern side of the lamp, subsequently became a part of the high school campus. With the exception of El Redondo, these streets reference local and national founders of the Chautauqua movement. The ocean front has changed greatly since the first plan was laid out, but the inland side of the original city conforms closely to the original site map.

EARLY DEVELOPMENT OF REDONDO BEACH 1888 - 1923

DEVELOPMENT OF REDONDO BEACH TOWN SITE: 1888 - 1905

Industrial/Commercial Development

Despite efforts by the original Redondo Beach Company to popularize their newly established city, sales were slow during 1887 and early 1888 as the Southern California building boom faltered. Los Angeles businessmen had expressed interest in the potential port, but did not come forward to finance the venture after reading a report on the harbor's potential published in 1887 by Col. G. H. Mendell of the US Army Corps of Engineers. Although confirming Hall's investigation of a deep sea canyon, Mendell failed to offer enthusiastic support of the site. (Karr 1947, 10). Two outsiders, however, were interested and invested in town lots as soon as they were available (Karr 1947, 11). Within a short time, they purchased the Redondo Beach Company, renamed it the Redondo Beach Improvement Company, and continued to pursue the goals of the founders.

The two, J. C. Ainsworth and R. R. Thompson, were experienced steam boat captains. Ainsworth, from Oregon, also had timber and lumber connections in that state and planned to ship lumber to Southern California where it was needed in the growing construction market. They began to champion Redondo Beach's harbor for deep water shipping. Promotional literature published by Ainsworth and Thompson claimed that the deep water harbor was sheltered and because of the depth, the waves were smoother than elsewhere along the coast. Knowing that time meant money to freighters, they also emphasized that Redondo was closer to San Francisco and to Los Angeles than San Pedro, its nearby competitor.

A contemporary, Horace Bell, was less charitable toward the Redondo harbor's potential. In his 1930 memoirs, Bell wrote that although the bay at Redondo appeared quite calm on a mild day, it was subject to the force of the northwest wind which brought "the rollers in with crushing violence" (Bell 1930, 270). Nevertheless, Ainsworth and Thompson continued in their efforts to promote a dock basin in the old salt lake, wide and deep enough to "receive the largest ships afloat." They also promoted steamship lines to China, Australia and South American from their Redondo harbor (Bell 1930, 271). Unfortunately, Bell was the better observer. Storms did wreak havoc with the various piers which were constructed in the bay, destroying most of them.

At the time the Redondo Beach Improvement Company (Ainsworth and Thompson) began its operation of the harbor and townsite, several local ports were vying for federal assistance to develop as *the* port of Los Angeles. San Pedro had the backing of wealthy merchants and businessmen in Los Angeles who could, and did, influence the politics of the harbor fight in Washington, D. C. Because of their influence, the old landing at San Pedro

appeared to be the favorite, but there were other possibilities. The Southern Pacific Railroad, at first unwilling to share the landing at San Pedro, promoted its Port Los Angeles harbor at Santa Monica. An abortive attempt was made to create another port on the mud flats of La Ballona, a site between Santa Monica and Redondo Beach. Finally, there was Redondo Beach. Ainsworth lobbied to have it included in the formal study for federal assistance along with Santa Monica and San Pedro but in the end, the latter was made the port for Los Angeles.

There were several good reasons why Redondo could not become the principal port. The deep water canyon, while it allowed for the dockage of larger ships, it also made jetties and breakwaters difficult to build. These would be necessary storm protection for a major port facility. Further, the amount of flat land for warehouses was restricted. Redondo was laid out in an amphitheater shape, with a comparatively narrow and limited beach front. San Pedro, on the other hand, had room for future expansion on the flat land around its landing. Because of the space, San Pedro fit the preconceptions of the federal government for an international port.

In the 1880s and 1890s, Americans were confident in their ability to become a major international power. Business leaders envisioned unlimited international trade opportunities once a canal was cut through the Isthmus of Panama, linking the two oceans. Although the French had failed, the Maritime Canal Company, an American organization, had just been chartered to cut through Nicaragua. (MacCullough 1977, 240). Many believed it was simply a matter of time before someone joined the Atlantic and Pacific with a canal through that narrow barrier of land.

In 1890, Admiral Mahan published a book explaining his theory that national superiority and commercial greatness depended upon supremacy at sea (MacCullough 1971, 251). He believed that the canal was a first step toward gaining this supremacy. His theory was hugely popular among Americans and fueled the ambition of California businessmen as well as political figures including future president Theodore Roosevelt. Thus it is no wonder that the idea of becoming an international port inspired the efforts of the promoters of Redondo Beach, even if the possibility was remote.

Redondo opened its first wharf in June of 1889. By December, it had handled over eight tons of freight. Several cost factors sustained the popularity of this port site despite the limitations placed on the city's ability to construct an extensive jetty and breakwater system. First, was the presence of the off shore canyon which allowed deep drafted ships to transfer their cargo directly to the dock area without the use of flat-bottomed barges called "lighters." This cost advantage was further enhanced by the strategic location of Redondo. As long as sailing ships plied the Pacific, Redondo was in a good position to receive lumber and general merchandise shipped south in coastal waters from San Francisco. In 1892, for example, Redondo handled a full 60% of the water traffic in and out of Los Angeles, excluding lumber and coal (Karr 1947, 20). Ships from the east coast generally rounded the Horn and set a course westward to pick up the trade winds to San Francisco because that was easier than trying to make San Pedro first. Calling at Redondo instead shaved a few hours off the sailing time from San Francisco. This advantage, of course, disappeared with the coming of the steam ships and the opening of the Panama Canal in 1914 (Karr 1947, 21-22).

At the same time that the competition for port funding began, the Santa Fe Railroad (AT&SF) selected Redondo as its Los Angeles water terminus. Although it could have used the harbor at San Pedro, it chose to avoid competition there with its rivals, the Southern Pacific or the Los Angeles Terminal Railway. It incorporated the Redondo Beach Railway to connect the little community with Los Angeles. The following year the Redondo Beach Railway was consolidated with the Southern California Railway, also a Santa Fe subsidiary. Even if it had not brought other business to the port, the Santa Fe's own supplies of hardwood ties would have been enough to support Redondo because it was expanding operations in Southern California and laying massive amounts of new track.

The third major source of support for the wharf and harbor during the 1890s came from inland. Because coal and wood were in short supply in the general area, oil was used for industrial fuel by the turn of the century. Major oil strikes had been made in the Los Angeles basin, notably at Whittier and Fullerton, but there were no refineries to process the oil locally. The Pacific Coast Oil Company, ultimately owned by Standard Oil, contracted with the Santa Fe for tankers to ship crude from the fields to its storage tanks at Redondo. From there, the company shipped the crude in ocean going tankers north to its refinery at Alameda and then returned to Redondo with refined fuel oil for the region's growing manufacturing sector.

A local lumber industry was an outgrowth of the effort to popularize the community and encourage local building. Originally lumber was provided at cost to anyone willing to build at Redondo. Early lumber yards included the Willamette company (replaced by Montgomery and Mullen Lumber Company), and the Frazier Yard, both near the salt lake in what was becoming the industrial district. Later firms including Ganahl and Patten-Davis (Patten-Blinn) established wholesale yards in the same area. The Redondo Planing and Feed Mill was nearby on a triangular area of land formed by the intersection of Beryl, Broadway and Pacific (Catalina). This was a large concern which, in 1893, processed some 800,000 feet of lumber for the Los Angeles sewer outfall under construction.

Resort Development

Ainsworth and Thompson finished the iron wharf at the base of Emerald Street and the elegant hotel in 1890, just in time for the first Chautauqua meetings. The Chautauqua Auditorium was also completed that spring. It was an imposing eleven-sided cement faced structure, designed to seat some 4000 participants. Unfortunately, the rival Chautauqua group only met there two years before they were reconciled with the Long Beach group. In 1892, they returned to Long Beach and abandoned their fine auditorium and dreams (*Rural Californian* 1890).

The hotel, which fortunately proved more successful, was a confection of turrets, gables and chimneys. It had 225 guest rooms and a bath on every floor. It even had steam heat and Otis elevators for the comfort and convenience of guests (Redondo Beach Centennial Magazine). Hotel Redondo's kitchen was filled with modern appliances including large refrigerators. The larder, the company anticipated, would be supplied by the hotels own dairy, orchard and kitchen gardens. The public gardens around the hotel were carefully landscaped and complimented by other gardens nearby. The name for the pebble beach, "Moonstone Beach," romanticized the

seashore with visions of an expanse of semi-precious stones underfoot. This was, indeed, a destination for tourists! It was also a source of employment for Redondo residents who made up the larger part of its staff of cooks, cooks helpers, laundry workers, house and grounds keepers.

Railroad Connections

During 1888, the Santa Fe Railroad (AT&SF) selected Redondo as its terminus. Although it could have used the harbor at San Pedro, it chose to avoid competition there with its rival, the Southern Pacific. It incorporated the Redondo Beach Railway to connect the little community with Los Angeles and handled some passenger traffic along with freight. The following year the Redondo Beach railway consolidated with the Southern California Railway, also a Santa Fe subsidiary.

Convenient light rail service completed the picture for tourism. In 1889, the Redondo Beach Improvement Company purchased a narrow gauge steam railroad, the Rosecrans Rapid Transit Company, renamed it the Redondo Railway and routed it from the depot behind the hotel through Inglewood to Los Angeles. Several years later, Ainsworth and Thompson formed a new company, the Los Angeles and Redondo Railway, to operate the rail line and wharf. L.T. Garnsey, one of the company partners, became president. By 1896, Garnsey had added another wharf to the ocean front. Passenger service increased as the resort became widely known through advertising. In 1896, the narrow gauge handled over 15,000 passengers, and by 1902, it served some 20,000 passengers (Karr 1947, 46). Undoubtedly flushed with success and mindful of the impact of new technology and growing competition from other light railways in the basin, the railroad company switched from dirty, noisy steam service to clean, quiet electric rail service in the latter year. Two years later, passenger traffic reached 111,360. In 1903, the company expanded and improved rail service, added a third pier at the southern end of the ocean front, and built a railroad yard in the northern industrial section of the community.

Civic Development

Redondo, like many of the successful boom cities, incorporated early, in 1892. An 1892 newspaper article suggests the rationale. The article averred that the city needed to have industry and recommended its residents support efforts to win a smelter that Los Angeles was considering (*Redondo Beach Compass* 3 Dec 1892). In order to become a player in the effort to attract business and industry, the community needed municipal authority to make infrastructure improvements. Once the city incorporated, it could bond itself to pay for public improvements such as fire fighting equipment or good roads. In addition, incorporation gave civic leaders some control over building practices so they could designate building materials used in the city's business or industrial districts. Fire insurance companies, for example, were more likely to insure businesses if these controls were in place, and businesses were more likely to invest in permanent construction if they could get insurance.

Still another reason for incorporation was to provide municipal services to the growing community. In order to compete for either tourist or residential dollars, communities were beginning to offer more services such as street and residential lighting. In communities such as

Redondo Beach which did not operate their own utility system, the Board of Trustees utilized private companies to provide residential electrical service. Unfortunately, many of these early private companies were under funded, as was apparently the case with the first companies selected to operate in Redondo. A local company formed by Addison and Lindsay received the first electric lighting plant franchise in 1896, but within a year the Board of Trustees was dissatisfied with the service. By 1901, the City had contracted with another small company, United Electric, Gas and Power Company. This company consolidated with Edison the following year.

Edison built a substation in Redondo Beach in 1910 to facilitate the transfer of electric power from its generating plants located outside the city. During this same period, Henry Huntington constructed a large generating plant on the site of the original salt works to power his interurban Red Cars in the Los Angeles area as well as in such distant cities as Riverside, Redlands and San Bernardino. Huntington's power plant should not be confused with the domestic electricity supplied to the City by Edison. Confusion between these two sources of electrical power frequently exists due to the fact that in 1917, Edison purchased Huntington's Pacific Light and Power Company and all assets, including the Redondo plant.

As the collection of beach cottages coalesced into a stable community during the 1890s, other civic elements fell into place. By the time the town incorporated, six denominations served the community and began to erect their churches. Of these early church complexes, only the Christ Episcopal Church at 408 S. Broadway remains, but the other congregations are still active.

Women's organizations also contributed to the public environment. Community women participated in the Woman's Christian Temperance Union in the 1890s. While the W. C. T. U.'s principal interest was liquor prohibition, the women were also interested in community betterment. In 1893, a year after the Chautauqua left, they established a free reading room at the entrance of Wharf #1 in a building provided by Ainsworth. The community supported the reading room through book donations. In 1895, the reading room was donated to the City to become the first local library.

In 1908, a group of twenty women formed the Redondo Beach Woman's Club. Although this organization began as a literary society it quickly became one of the City's most active participants in the move toward community betterment. In 1913 the Club established a subsidiary organization, the Civic Outlook Club, specifically for the "study of political, economic and civic questions and for the improvement of local civic conditions." One woman served as president for both organizations and both were affiliated with the California Federation of Woman's Clubs. The Civic Outlook Club worked closely with local men's organizations such as the Chamber of Commerce, the local Real Estate Board and the Elk's Club to obtain its objectives. Under the leadership of May Hopkins, the Woman's Club succeeded in blocking a move by Los Angeles based interests to develop the City's beach front property. This struggle led to the establishment of the City's first public park and the election of May Hopkins as the City's first woman mayor.

Physical Evidence

Pictures suggest that the public buildings and gardens from this era were very attractive, however, only one tree, the Moreton Bay Fig in Veterans Park has survived and is designated Landmark No. 13. Veterans Park is the original hotel site. The gardens have been divided for housing. During these two decades of prosperity, three separate wharves were built in Redondo and damaged by storms so that they, too, were ultimately demolished. Their legacy, however, is reflected in the small working man's cottages and apartments near the north end of the beach. While a destination for resort goers, Redondo was a residential community of working men and their families. Although most of the remaining structures are modest cottages, there are a few larger ocean front homes which were built by early inland residents as vacation homes. Two of the earliest modest cottages are at 216 and 218 North Catalina. A Queen Anne style cottage, Landmark No. 5 has been moved to Heritage Court at Dominguez Park. The Bissen House in north Redondo is Landmark No. 14, at 2604 Fisk Lane. Christ Church Episcopal, located at 408 South Broadway and constructed in approximately 1893, is the oldest remaining church.

THE HARBOR - EXPANSION AND TRANSITION: 1905 - 1923

The years immediately following the electrification of the LA and Redondo Railway were prosperous ones for the city of Redondo Beach. Since the port of Los Angeles was not yet complete, Redondo was still an important off loading bay for lumber and oil. Tourism continued to flourish, and industry was attracted to the community by an ambitious city promotion program.

Redondo Beach experienced a revival or reawakening in 1905 when electric rail magnate Henry E. Huntington decided to invest in its future. In reality, however, Redondo Beach owes its physical character and development pattern to the contributions of three separate real estate groups of community promoters. The first was headed by Silent, McFarland, and Vail; the second by Ainsworth and Thompson; and the final one by Henry E. Huntington. In their time, each promoted a discrete vision of the future for the seaside town and built on the successes of its predecessors. Silent, McFarland and Vail envisioned a quiet seaside resort town when they laid out the original city. A few months later, Ainsworth and Thompson expanded their ideas to conceive a major international harbor to serve Southern California's expanding commercial ocean trade as well as its expanding tourist trade. The twentieth century real estate magnate, Henry E. Huntington, built upon the goals and dreams of these earlier promoters and with his virtually unlimited resources, was able to complete their dreams of both a seaside resort and an ocean industrial port. While the regional reputation of Huntington tends to magnify his contributions to Redondo Beach and the other Southern California towns he developed, it in no way obscures the vision and efforts of those who came before him.

As part of his scheme to develop subdivisions in Southern California, Huntington extended his Pacific Electric rail service (the Red Cars) from Los Angeles to Long Beach in 1901 and then, three years later, along the coast into Orange County, to Huntington Beach and on toward Newport Beach. Apparently, he wanted to reach the Santa Monica Bay as well, but he was blocked by two flourishing electric trolley systems, the Los Angeles Pacific Railroad and the

Los Angeles and Redondo Railway, both serving Redondo Beach. He had to either compete with these two, or purchase one of them.

On July 7 1905, Huntington purchased the interests of the Redondo Beach Improvement Company. Then just four days later, he purchased the Los Angeles and Redondo Railway. With these two purchases, he secured a foothold on the bay. Townspeople welcomed his investment of money and reputation. Huntington's brother-in-law, Burke Holladay, expressed amazement at Huntington's investment in Redondo Beach. In a letter to a family member, Holladay wrote:

Redondo has been a dead town. . . . The hotel never paid....The name Redondo made a Los Angeles capitalist shy like a horse at an auto. But on Friday last, it came out that Mr. H. E. Huntington had bought the entire townsite of Redondo from the Redondo Land Co. and that he would offer it for sale. Oh! What a change in the twinkling of an eye. Immediately the people of Los Angeles rushed in droves to Redondo to buy, buy, buy... (Friedricks 1992, 90).

In his letter, Holladay recognized that Huntington's association with the city could reverse all traces of an earlier negative trend and make the city an attractive speculative investment. This is exactly what happened. For several days, following the announcement of Huntington's investment in city property, the town was overwhelmed by buyers and sellers, each anxious to profit on Redondo Beach land. Then, like the boomlet the year before at Huntington Beach, it was over. Some unwise speculators had lost thousands in their ventures. Huntington, however, sold about \$3 million worth of property in the frenzy, almost as much as his original investment in the land and railway (Friedricks 1992, 90). These were the short term effects. Huntington's decision to invest in Redondo Beach, however, also created a long term impact on the viability of the community.

Other investors followed his lead. At least one opened large tracts of previously undeveloped land nearby and subdivided it for agricultural uses. These tracts, the Redondo Villa Tracts, became an extension of Redondo Beach later when annexed in 1927. Within the original townsite, development also occurred as investors who had purchased lots prior to Huntington's investment subdivided and developed these sites, nearly completing the settlement of coastal Redondo Beach. At the same time, Huntington also purchased additional land outside the original city, and created another diverse community, Clifton-by-the-Sea. The final result was that the region developed steadily, with a variety of areas to appeal to incoming residents.

Resort Improvements

Huntington pursued a double policy in Redondo Beach. He invested millions in resort improvements, and built an electric power generating station to service his Pacific Electric system, region wide. His first improvement along the waterfront was the Mission style pavilion, near Emerald along the ocean, which was completed in 1907. This three story building housed local commercial businesses on two sides, a restaurant, and a theater to attract tourists. Two years later, he built the huge bath house nearby. Between them was another tourist attraction,

the Casino. Advertisements and promotional literature from this period claimed the facility at Redondo was the largest heated salt water pool in the world. Ingenuously, the warm water for the pools came from the cooling water of the generating plant. Since the ocean was too cold for swimming much of the year, this Moorish structure must have been a major attraction to athletic visitors. It had three separate pools, Turkish and steam baths, and 1000 small dressing rooms to accommodate some 2000 bathers. (Friedricks 1992, 91).

Resident business people organized themselves to boost the community in order to continue to attract tourist dollars and other new business. When Roosevelt's "Great White Fleet" visited the port in November, 1907, a citizens' committee prepared a large reception for the visitors. Afterwards, they formed themselves into a permanent organization which became the Chamber of Commerce (Karr 1947, 52). Civic organizations sponsored tours to other communities to boost Redondo, offering speeches, band concerts and many varieties of promotional literature. As a result of the community support, everyone who came to Redondo, left a booster with advertising buttons or brochures. The rallying cry was "When you Boost the Booster you Boom the Boom."(Karr 1947, 54).

The resort community offered some activity for every visitor all year, whether it was swimming, shopping, dining or just strolling along the Moonstone beach to enjoy the view and collect precious and semi-precious stones. A midway, El Paseo, developed with a roller coaster, carousel and tamer amusements including shooting galleries where good shots could win small prizes and motion picture theaters and concerts. Following the popular trend, Huntington's Redondo Beach Improvement Company expanded the summer tent city with tents for rent by the week or month. Families from the hot inland valleys could relax on the beach for as little as three dollars a week in a small tent (electric lights were extra), and use the bathhouse nearby or fish from one of the three wharves (Karr 1947,53).¹

The abundance of activities coupled with the quick, convenient electric rail to Los Angeles made Redondo a major resort destination before auto roads were completed. Tourists had their choice of travel on two electric rail systems. One was the "balloon route" of the Los Angeles Pacific (Southern Pacific RR purchased in 1906) which went from Redondo north along the coast to Santa Monica, inland to Los Angeles and back to Playa del Rey (former La Ballona) before returning to Redondo. The other, the Los Angeles Redondo, was an inland route through Inglewood to Los Angeles and back through farmland and orchards. Both made several trips a day. Within a short time, the beach became popular for large group picnics and conventions. Forty two groups brought some 36,000 people to the beach in 1910, and by 1913, as many as 20,000 visited on a summer Sunday (Karr 1947, 55).

¹One news article published in 1946 noting the loss of the city's famous "Tent City" offers a description of its location: "At its height, Redondo's "Tent City" stretched from the Masonic Temple along the beach to El Paseo. The city park, the Bank of America, the Elks Club are all located on what was once "Tent City" in Redondo Beach, where people from all over the United States came to bask in the warmth and hospitality of California sunshine" (Snyder 1, 19 July 1946).

Storms, however, continued to pound the area. A major storm in 1915 caused considerable damage to public and private property along the beach. As a result, a bond issue was passed to build a new pleasure pier in hopes of reviving the tourist trade, dampened by the storm. This pier, called the Endless Pier, constructed of concrete and steel, was triangular shaped, with the point out into the surf. There, a platform was built with a sun room, restaurant and resting areas, complete with tables and chairs. According to the Chamber of Commerce literature, some 10,000 people could be entertained there at one time. During its 1916 construction period, it was damaged by another storm, and just twenty months after its completion, partially destroyed in a third storm. By this time, the initial wharf was gone and the second one, silted by shifting sand had become too shallow to use. It, too, was damaged in the 1915 storm and removed in 1916.

Despite these blows to its harbor, the business community did not give up hope of becoming a major freight port for Los Angeles. The lure of trade through the Panama Canal was too great. The Chamber of Commerce decided that a breakwater would improve the attractiveness of the port, which by 1912 was in decline as a freight destination. The city was included, at their request, in still another federal study. Once again, it was rejected for funding. This time, ironically, because it did not handle enough commerce to warrant the expenditure (Karr 1947, 66). Another plan was proposed in 1915 to improve the port, and a supportive bond issue passed. But, as luck would have it, the construction company which was to build it, failed (Karr 1947, 70).

Industrial Developments

Almost simultaneous with his investment in the resort, Huntington began his industrial investment. In 1902 Huntington helped reorganize a small electric power company, the San Gabriel Electric Company into the Pacific Light and Power Company (PL&P). It then provided the power to operate his electric rail systems and provide power to communities they served. As the electric rail systems grew, the need for power in the basin increased. The PL&P had two hydro power plants outside the basin providing electricity, but Redondo presented a third plant site with plenty of water for cooling and oil for fuel (Myers 1986, 59).

At the time, Redondo was supplied with domestic power by a predecessor of the Edison Company, not by PL&P. The Redondo plant, however, was still important to the local economy because it provided employment for residents and warm water for the plunge. Residents were proud to point out the modern plant as evidence that Huntington was seriously interested in the growth and prosperity of Redondo Beach. The plant was completed in 1907, and despite older technology, proved to be the most efficient steam plant in the United States. Three years later, the PL&P expanded the plant and installed modern 12,000 kw turbo-generators (Myers 1986, 61). The plant was of no small importance to Redondo for it employed 150 men and added greatly to the assessed valuation of the town. In 1913, however, a new hydro electric facility was completed at Big Creek in the high Sierras and this local plant was placed on stand by, meaning a serious blow to the Redondo Beach economy. In 1917 Edison purchased the Pacific Light and Power Company, its franchises, properties and business from Huntington but used the plant only

in emergency power situations until it was dismantled in 1935.²

Community leaders rankled at the control the Huntington interests had over the direction of future growth for Redondo Beach. They were unwilling to give up the authority to design their own economy, but, in truth, had very little leverage either with Huntington, nor with other potential investors. Still the Chamber of Commerce made a number of efforts to attract new industry before the First World War. One of its first hopes was an auto factory, the Pacific Motor and Automobile Company. As was fairly typical, the land company donated land, and citizens bought shares in the company in 1908 to encourage it to locate at Redondo. Although the land was just outside city limits, officials anticipated benefit to the city, anyway, because the factory promised jobs for 100 men. Promise, however, faded into failure as the company folded after completing just one vehicle (Snyder 2, 19 Nov 1908).

In addition to this disappointment, other industrial contributors to the local economy left about the same time. In 1911, Standard Oil Company dealt the community a major blow. It built a refinery at El Segundo, seven miles away, and stopped using the port for shipping crude to the northern refinery. The Santa Fe Railway, which had been a major port user, transferred its local business to San Pedro as soon as the harbor was ready, and sent its lumber to San Diego where it was building rail lines. As if adding insult to injury, Huntington also removed his industrial component. The need for additional power to Los Angeles' domestic and rail needs soon outstripped the capacity of the Redondo Plant. In 1913, the company completed another remote hydro plant, Big Creek, in the Sierras, and no longer relied on the old plant at Redondo.

The Chamber, as yet unwilling to rely on a tourist dominated economy, continued to flirt with other industrialists. A second major attempt to create a local industry began in 1911 with talks to establish a foundry at Redondo. The company, Warman Steel Casting Co., required a locally subscribed bonus and the donation of land, but agreed to build at Redondo near the electric rail tracks and Coyote Ave. It expected to employ 50 men who would become city residents. The company built its plant and began operation. In accordance with its agreement with the Chamber of Commerce who in turn had agreed to pay the company a performance bonus. Unfortunately, the Chamber reneged on its portion of the agreement when its members refused to contribute the funds they had agreed to raise. The company continued its operation

²Henry Huntington's Pacific Light and Power Company and later, California Edison, provided employment opportunities for men living within the Redondo Beach community. This in itself was important for the city's economic development. However, the presence of the Edison Company in Redondo Beach held additional significance. By the early 1920s, residential growth through out Southern California was dependant upon the availability of domestic electricity. Any number of residential subdivisions could be planned, but without proper electrical services development plans could not proceed beyond the planning stage. Edison's decisions of where to concentrate its funding for electrical expansion directly impacted a community's ability to achieve its future expansion and development aspirations. As a result, the presence and involvement of Edison in Redondo Beach was seen by the leaders of this community as vital to their ability to obtain a full growth potential and maintain a competitive edge over neighboring cities. It is little wonder that Redondo Beach was the first community in California to establish an "Edison Club." Through out the 1920s and well into the 1940s, this club served as one of the city's most active social organizations and viewed as an important link between the corporation and the community at large.

for several years, expanding the plant, but sued the Chamber. In 1917, the final judgement went against the company. Tellingly, within the year newspaper clippings reported that another industry was invited to establish a plant at the old Warman site (Snyder 2, 8 June 1917, 26 April 1918). Apparently, the Warman company moved to Huntington Park and continued business there (Snyder 2, 13 Jan 1922).

The deep water canyon channeled schools of fish toward the shore at Redondo, making the wharves a fisherman's paradise. As a result, a small commercial fishing industry thrived there. After the Endless Pier was built in 1916, a fish cannery opened and raised hopes of new dock side or factory employment. This plant operated briefly before the owner bought another cannery at San Pedro and moved most of the packing operation there. The plant at Redondo then turned to relishes and speciality seafood items. Finally, in the early 1920s, it introduced a bottling plant for soft drinks and continued with this mixed operation (Snyder 2, 26 April 1918; 3 Feb 1922, 21 April 1922).

These various set backs for the City's economy laid the ground work for calls in early 1925 for the annexation of the Redondo Villa Tracts located to the north. Annexation was seen by the Redondo Beach community as a way to reap the benefits of a promising agricultural site as well as an opportunity to acquire additional vacant land for possible industrial development. Further discussions of the City's annexation move are offered in subsequent sections of this report.

Development of Clifton-by-the-Sea and Hollywood Riviera

One section of the coastal city developed slightly differently than the main portion. Clifton-by-the-Sea³ was also a Huntington project, begun in 1906 on the south end of the community on land which had been part of Rancho Palos Verdes. Unlike the original city which he simply revitalized, Huntington planned Clifton as an entirely new development for high income families. Stringent building restrictions enforced his intent (Snyder 7, P.E. Topics, November 1906). Streets and promenades were laid out and a country club planned on the formerly vacant site. Several golf courses were proposed over the next decades, including one "lying south of Ave "C." For some reason, the section did not seem to catch the imagination of the public, and building progressed slowly. In 1913, the western portion of Clifton, amounting to 121.87 acres, was annexed to the city. Several attempts were made to annex other sections, but the area was sparsely settled and residents were reluctant to become part of the City. Since the area had not been part of the city from the first, many of its services were not up to the standard of Redondo's and required improvement at some extra cost. It appears that the few residents in the area were not willing to increase their taxes to make the improvements (Snyder 7, 5 Mar 1926). Finally, in the early 1980s, the last section of the area, "Clifton Heights," became part of Redondo Beach.

³Early advertisements for this development utilize both the "Cliffon" and "Clifton" spelling. The latter was an abbreviated version of the former, and both offer reference to the Palos Verdes cliffs. Both names were derived from the longer name of "Cliff town by the Sea."

One more southern portion of the city, Hollywood Riviera, reflects the dreams of planners anxious to promote the community as an up scale residential and resort area. Hollywood Riviera was designed during the oil and movie fed boom of the 1920s. Its promoters envisioned an exclusive area, reached from Hollywood by a boulevard which avoided the traffic of Los Angeles. The interesting thing about its development was the introduction of modern planning concepts by Charles Henry Cheney, who was developing a community in neighboring Palos Verdes. Cheney was an innovative land planner who believed in general planning for an area rather than piece meal responses to developers requests. He hoped to create a wide park along the coastline from the wharves at Redondo through his new community. Although Cheney encouraged the City to purchase park land along the esplanade, a private buyer took control, and built on the property. Today the subdivision has some residential areas and a lively commercial center.

Much had happened to Redondo Beach in the first decades of the twentieth century. Its port had expanded with lumber shipments, been stifled by the refusal of federal money to complete a breakwater, and finally begun its decline. Industry which had shown much promise initially, had been lost to new technology and other expanding communities. The tourist business had been encouraged by the building of the great pavilion and bathhouse before 1910 and become the dominant factor in the city's economy. Storms, however, damaged or destroyed the attractive wharves before 1920, impacting the businesses, and the old hotel was forced to close.

Yet, despite all the set backs, the community was strong. It had more churches and strong fraternal organizations. It had, by default, determined that it would be a residential city and its goal was to provide a quality living experience within its boundaries. Because of the high assessed valuation of the power plant and other industries during the 1900s, the city had a comfortable tax base. The tax rate could be kept low for local property owners and still generate enough revenue to fund most public services. As a result, Redondo could afford to pave its streets, build and maintain sewer systems and construct new civic buildings. (Karr 1947, 53). It had also built good schools and a city hall. Future decades would see the gradual completion of business districts and expansion of residential neighborhoods in the original city and in north Redondo.

NORTH REDONDO BEACH

1905 - 1923

Carlson and Peck's "Redondo Villa Tracts"

The development of the approximately four square miles of land currently located in north Redondo Beach began in 1905 when W. H. Carlson became the managing land agent for George Peck and his entire Redondo Villa Tract. Peck had originally purchased the property in the late 1880s and in response to the announcement of Henry Huntington's investment in neighboring Redondo Beach, entered into an agreement with Carlson to develop his property. Under their agreement, Carlson made all arrangements for the sub-division and marketing of the property. Purchasers of the property paid Carlson directly who in turn paid Peck \$20 for each lot sold. Upon receipt of this payment, Peck agreed to release the deed for the lot to its new

owner.

The first section subdivided and marketed by Carlson opened in 1906. Generally referred to as the "Redondo Villa Tract," its boundaries are today defined by Ripley Avenue, Artesia Boulevard, Slauson Lane, and Prospect Avenue. One year later, Carlson subdivided an additional 160 acres within the "Redondo Villa Tract B." Today half of this tract falls within Redondo Beach and the other, to the west, within the City of Manhattan Beach. In both areas, Carlson selected street names which made direct reference to the leading industrialists of his era and which created an illusion of wealth for the area's barren and gently rolling hills. Names such as Morgan, Stanford, Vanderbilt, Carnegie, and Rockefeller today offer testimony to Carlson and his hopes of future prosperity. Carlson also constructed a magnificent three-tiered, mission-style gateway marking the entrance to his sub-division, a small mission-style office structure and at least one large residence.

Carlson's plans for the Redondo Villa Tracts placed heavy reliance upon Huntington's large capital investment in order to define and establish the marketability of his development. Once Huntington laid the necessary rail connections and invested in local civic and infrastructure improvements, Carlson moved quickly to take advantage of the resulting land boom as well as Huntington's well-financed publicity blitz. While paying homage to Huntington as "Southern California's greatest financier, capitalist and captain of industry," Carlson took full advantage of Huntington's capital investments by offering free rides to Redondo Beach and his property every day on Huntington's Red Cars. Offers of free passage appeared in advertisements through out 1906 and 1907.

Unlike Huntington who promoted town lots, Carlson planned for a mixed use development characterized by small resident-occupied farms. Within the Villa Tract, suitable lots could be had for as little as \$4.00 down and \$90.00 total. This approach was in keeping with advice offered by the era's agricultural leaders who encouraged people with little investment capital to purchase small farms and produce specialty crops. In particular, investors were encouraged to investigate the potential for poultry and dairy production as well as dry farming techniques. Through the careful selection of products, small farmers in the area could be provided with a reasonable level of assurance for future profitability. This was especially true for the farmers of the Redondo Villa Tracts located within easy transport distance to the large Los Angeles market. Advertisements placed by Carlson emphasized the close proximity between his Redondo Villa Tracts, Los Angeles and neighboring Redondo Beach. Carlson's selection of a rural development plan proved to be very successful. It also set into motion a pattern for an agricultural economy in the north Redondo area which continued well into the 1940s and 1950s.

In 1907 Carlson expanded his holdings through the purchase of property in Hermosa Beach, Shakespeare and Manhattan Beach. This purchase extended his development site from the western edge of the Redondo Villa Tract to the ocean shore. While all of this land lies outside current-day Redondo Beach, this segment of Carlson's purchase was important in that it reflected the beliefs and aspirations which defined this period of Redondo's history. Like his contemporaries, Carlson aggressively promoted all aspects of the area's growth potential while

at the same time working to establish a strong hold over at least one section of property which extended from the ocean front, inland.⁴ In one 1907 interview Carlson stated,

I believe in the future of Los Angeles and in the fact that it is closely connected with Redondo, Hermosa and the beach places in this district and it will be only a short time before that seashore is a portion of the Greater Los Angeles (Snyder 1, 7 March 1907).

One year after making this statement, Carlson made a bold and financially risky move to link his entire holdings through the construction of an intra-development electric rail line. Within three months of the announcement of these plans however, came word that Carlson's Los Angeles Securities Company was experiencing serious financial difficulties. Immediately, creditors moved to place attachments on every article of value that could be located within the Villa Tracts. Hermosa authorities also moved to stop construction on the railway. By early 1909, however, Carlson had reached a tentative agreement with the city of Hermosa and announced the opening of his Port Orient Railway. All residents living within his Villa Tract rode for free. Unfortunately for residents of the Redondo Villa Tract who relied on Carlson's Port Orient railway as their primary link with surrounding communities, the railway lasted little more than a year.

Redondo Villa Tract Residents Work to Define Their Community

While Carlson struggled to provide assurance to his creditors, residents of the Redondo Villa Tracts moved quickly to secure their interests in their property. For most, this meant the immediate payment of \$20 for each lot held. As middle-man between George Peck and the individual purchasers of lots, Carlson had failed to pass on to Peck the \$20 down payment paid by each lot holder. As a result, residents of the Redondo Villa Tracts found themselves paying the \$20 twice in order to secure title to their land. Immediately following this drain on resources came the announcement that the area's main supplier of water, the Hermosa Water Co., planned to increase rates by 300 per cent. These early economic disruptions led to the formation of a cohesive community identity within the Redondo Villa Tract area at a very early stage in its development. Unlike the residents of neighboring Redondo Beach who continued to rely on support from absentee investment interests in the selection of community direction, residents of the Redondo Villa Tract area organized themselves into a cooperative stock company in an attempt to identify alternative water sources and specialty crops which would prosper in the coastal environment.

The cultivation of the "Spineless Cactus" as an inexpensive cattle feed offered one such opportunity. In 1910, advertisements for the "Ocean Villa Intensive Farming Colony" began appearing in local newspapers. Carved out of the original Carlson holdings near Belvedere in the Grant School district, the colony specialized in the growing of spineless cactus, herbs,

⁴Although the city of Shakespeare no longer exists, evidence of its earlier location remains in the southwestern portion of Manhattan Beach which borders Hermosa Beach and where streets are named for famous poets including Longfellow, Tennyson, Keats, and Shelley.

chrysanthemums and gladiolus. Aggressive promotion of the colony's principal product (spineless cactus) as well as its land holdings lent a unique and exotic aspect to this project and to the entire community. Early advertisements highlighted numerous positive features of the Colony including its close proximity to Los Angeles, its oiled road and the fact that each lot came with a pre-drilled and active well. Lots could also be purchased pre-planted with choice varieties of spineless cactus and gladiolus. Project developers guaranteed that cultivation of the cactus alone would pay back the purchase price of any lot. House plans were also available for the construction of a modest residence ranging in price from \$45 to \$75. Advertisements stressing the ingenuity and economy of the Colony's house plans noted the combination sleeping porch and living room. Purchasers of Colony property also had the option of either marketing their crops themselves, or joining the Colony's co-operative partnership which helped members market their product in return for a fifty per cent share of profits (Snyder 1, 27 Nov 1914).

Civic Development and Community-based Promotion

The construction of a school house within the Villa Tract "Grant" district in 1908 served as one of the clearest physical indications of an emerging cohesive community identity within the north Redondo area. By 1911, the Grant district, today defined by Artesia Avenue and Aviation Boulevard, had begun to emerge as the center for the Redondo Villa Tract community. Within the area defined by the junction of these two major streets could be found Grant School as well as the community's principal business district. Residents of the neighborhoods in this area were the first to form organizations which promoted the community's interests.

In 1912, for example, residents formed the Redondo Villa Tract Improvement Association. Officers for the new organization represented local community builders and businessmen. While similar to the Redondo Beach Chamber of Commerce which formed four years earlier, the Improvement Association expanded its focus to include, in their words, "the forging of a prosperous future, making every necessary improvement relative to the community's welfare and building up the Villa Tract in every way possible."

Like the men, the wives of Improvement Association members also expressed concern over the conditions and future of their young community. At the urging of both the Association and the editors of the Redondo Reflex, the women formed the Ladies' Circle which sought ways of voicing their newly acquired right to vote in a "positive and progressive manner" (Snyder 1, 2 May 1912). Immediately following World War I two new community booster organizations formed. The first to form was the Grant District Civic Society which represented the interests of those residents who hoped to help their district move away from its rural economy toward a more urban future. This was followed by the formation of the Villa Tract Chamber of Commerce which represented the area's expanding commercial and real estate interests.

As additional property sold for rural development, residents of north Redondo approved a series of bonds for the construction of three schools on the Grant site, each larger than the one it replaced (Snyder 1, 11 Sept 1908). After World War I, the community founded its first Parent Teacher Association which aggressively pursued a community building program. As a result, the

school district added an auditorium and classrooms in 1919, and a free standing building in 1922 (Snyder 1, 13 June 1919 24 March 1922 and 28 April 1922). The expansion of the Redondo Villa Tract community and its relatively prosperous state was also evidenced in the dedication of the Grant Community Church. This appears to be the area's first church and like the school, was located within the Grant district (Snyder 1, 23 May 1922).

The continued sale of property within the Redondo Villa Tract area led to an organized movement toward annexation of the area in 1913 (Snyder 1, 1 Aug 1913). Four years later, in 1917, the issue formally went before the voters. Calls for annexation originated from both members of the Improvement Association as well as members of the Redondo Beach booster community. Leading the crusade against annexation, however, were the combined interests of the area's larger land owners. This group ultimately succeeded in squashing the Association's efforts by successfully promoting their argument that annexation would result in increased taxation. Residents of the original Redondo Beach townsite expressed annoyance over the Villa Tract's decision to reject annexation since many believed that ties with their northern neighbors would not only strengthen the entire community, but would also provide an expanded revenue base for the maintenance of the Redondo Beach harbor.

Despite its continued growth, the rural composition which characterized the Redondo Villa Tract remained essentially unchanged during the first two decades of the twentieth century. As a result, local boosters found it difficult to gain wide-spread support for their plans to modernize and partially urbanize their community. Community improvements during this period were limited to the resurfacing of the infamous "Hermosa wash-board" on Camino Real (Pacific Coast Highway) and the construction of a community club house on a lot owned by the newly formed Chamber of Commerce, adjacent to the Redondo Villa Tract arch. This trend continued until the early 1920s and the discovery of oil.

On the 27th of February, 1920 J. D. Millar of the Interstate Realty Company of Los Angeles announced his purchase of 2,300 acres within the Villa Tract for the purpose of oil exploration. Within a year of Millar's development of his "Redondo Oil Lots," practically all land from Riverside Boulevard (190th) south to San Pedro Boulevard and from Redondo to Torrance had been leased for oil exploration and production. News articles from the period report that most of these leases were held by large companies. The first promising signs occurred on December 9, 1921 when Santa Fe well No.1 began to flow. Located at the far southeastern corner of present-day north Redondo, this well offered strong incentive for the purchase and sale of property located within the eastern section of the Redondo Villa Tract (Snyder 1, 9 Dec 1921). These two oil production projects began a sporadic land boom which continued over the next ten years and resulted in the further subdivision and settlement of the area.

Physical Evidence - Original Townsite

There are numerous pictures of the massive recreational structures which dominated the water front during this period. Unfortunately, like those of the earlier period, they were removed during the renewing of the harbor. One business structure, in particular, does remain and is on

the locally designated list of historic landmarks. This is the classic revival Redondo Van and Storage building at 321 Diamond Street. Another private structure devoted to public service is the California Water Service Company Utility Building at 403 South Irena. Several homes from this period are also on the local landmarks list. These include representatives of Colonial Revival styles such as the Sweetser home at 417 Beryl Street and a group of Craftsman and California Bungalows. Once again, many of these are modest homes, reflecting the working class families who populated the community. The Original Townsite Historic District/Gertruda Avenue Historic District, contains one and two story shingle homes which were owned by many of the city's professional men. Some of the other public buildings constructed in this general period include the First Methodist Church at 243 South Broadway and the Woman's Club (1922), which has been named to the National Register of Historic Places.

In 1913, Redondo Beach annexed the western portion of Clifton-by-the-Sea. At the time of annexation, a few homes had been constructed by Huntington and his investors. However, much of the property remained vacant. Various development schemes were advanced over the years, most of which involved the construction, relocation or enlargement of the area's golf course. Today, Huntington's original Clifton development is easily identified in the "L" shaped street pattern created by Avenues A through I (which form the lower or western portion of the "L" and are in the vicinity of Catalina Avenue, the Esplanade and the ocean) and Avenues A through D (which form the upper segment of the "L" to the east and are perpendicular to Catalina Avenue and the Esplanade).

When first laid out, Huntington set the eastern avenues of his development aside for future rural/residential sites where lots were to be at least a half acre in size. This meant that new home construction was concentrated in the area closest to the ocean. As a result, housing in the eastern portion tends to be more recent than that located within the first two blocks bordering Catalina. Within the center of the "L" which defines the original Clifton site, is an area composed of parallel, curved streets surrounding Palos Verdes Boulevard. Although annexation records are not completely clear, this area appears to have been annexed to the City some time between 1913 and the early 1920s. Beginning in the late 1920s, at least a portion of this area served as the Redondo Beach Community Golf Club. Today, modern apartment houses now occupy the gentle terrain of the former golf course.

In the late 1920s, Avenues J through M of Huntington's Clifton-by-the-Sea were purchased by Clifford Reid and integrated into his Hollywood Riviera sub-division. To facilitate the development, the City of Redondo Beach voluntarily vacated its street easement rights. Today, very little remains of either the Huntington or Reid developments. A small portion of Avenue J is still visible although renamed Avenida Del Norte. Few if any residential sites exist in Redondo Beach since the majority of 1930s Mediterranean homes were constructed on the hills which lay within the city of Torrance. As a result, the Redondo Beach portion of the Hollywood Riviera development is composed of commercial structures located in the "Village" centered on Catalina Avenue.

Physical Evidence - North Redondo

Between the time of its original subdivision in 1905 and the early 1920s, numerous structures were constructed in the north Redondo area. Unfortunately, few if any non-residential buildings remain to remind us of Carlson's original Redondo Villa Tract development. Most notable was the Grand Gateway to the tract with a central arch wide enough to accommodate at least five carriages placed side by side. The small mission-style office building is also gone.

Other buildings important to this area's development include the Grant Community Church located at 1908 - 1910 Mathews Avenue and the Chamber of Commerce community club house once located adjacent to the Grand Gateway. Some structures may still remain from the early business district which began around Artesia and modern Aviation as early as 1911. If these structures exist, they may not be easily recognizable because of subsequent remodeling. Homes constructed as a part of the Ocean Villa Intensive Farming Colony ("Spineless Cactus Colony") may still exist. All would be modest residences and not immediately apparent for their architectural significance. One outstanding landmark, the Bissen (Fisk) House, located at 2604 Fisk Lane and constructed in approximately 1905, is an example of the farm houses constructed in the north Redondo area.

CULTURAL CONSOLIDATION AND THE SEARCH FOR NEW ECONOMIC VITALITY 1923 - 1939

ORIGINAL TOWNSITE

Residential Developments

After the first world war, there was a brief flurry in the harbor when lumber shipments increased to provide housing for newcomers to Los Angeles. This was soon over, and the harbor continued to decline as a shipping point. El Paseo, however, remained a popular spot for visitors, and provided income for local businesses. Booster minded residents no longer sought outside investment in industry to sustain the economy, but concentrated on being a residentially oriented community.

By 1920, Redondo Beach had grown to about 5000 residents. More were flocking to north Redondo, inland. Redondo expected to grow rapidly in the optimistic decade of the 1920s. Edison, in fact, expanded its potential service to the city, increasing it to take care of 2,900 new homes, 15 new factories and some 15,000 new residents. Even with that, the district manager anticipated that more capacity would be needed within two or three years (Snyder 3, 9 March 1923).

Industrial Developments

Due, perhaps to the recognition that Redondo's harbor would never achieve major status, the community attitudes about industry within the city changed in the early 1920s. Some Redondo Beach residents were gathering opposition to the smelly industrial operations on the beach. A section of attractive homes had grown up inland of the lumber yard, and its residents were tired of the pollution from the lumber mills. Other residents were displeased by the noise and disruption of the trains going to Wharf #3 along the ocean front. As a result of their 1923 complaints, the Trustees proposed to withdraw the Pacific Electric's franchise to operate the wharf. This meant that ships would no longer call at Redondo because the railroad would not be able to carry freight inland. It also meant the end of business for the lumber yards, dependent on the wharf for shipments of lumber.

After protests from the lumber companies and their more than 200 employees, the Trustees reversed themselves and extended the franchise until 1926. Then, the Pacific Electric stopped operations and dismantled the old wharf. This was the last of the original three piers built at Redondo. Its loss meant the end of the shipping port era for the city. The residents had indicated they were no longer interested in being home to industry. Instead, they sought to emphasize their community's potential as a resort and residential location.

Industry, however, was not through with the City of Redondo Beach. Massive oil strikes were made along the coast in the early 1920s at Huntington Beach, Long Beach and Santa Fe Springs. Unlike most major oil fields, these new fields were within an urbanized area which had been subdivided by previous development. People who might not have been interested in a new distant oil strike stood to profit here because they owned small, potentially oil rich plots of ground within the general area. Even if they did not own land, they could easily visit the oil production sites and become caught up in "oil fever," investing small sums in questionable companies (Tygiel 1994, 16).

Both factors impacted small communities like Redondo Beach because of the amount of revenue involved. The dilemma was real. If a city governing body allowed wholesale drilling within its built up area, producers might destroy the local streets and sewer system in the rush to develop production. Whether or not the effort was successful, the municipality would have to find the funds to repair the damage. If, however, a city refused to permit oil exploration, no one, especially not the municipality, profited directly from the oil boom. The only benefit to city residents would be temporary profits from business activities which provided housing, goods and services for oil related workers. They would still be faced with providing new infrastructure from their own taxes to accommodate oil workers and their families who were in the area only as long as the drilling continued.

Two wells were sunk within the city limits of Redondo Beach when the oil boom began. Faced with the obvious chaos and potential destruction of their community, the city trustees hesitated to allow additional oil exploration. A January 1922 ordinance allowed the Trustees to permit drilling after a public hearing, but the Trustees refused to grant additional drilling permits even with an exorbitant fee. In March of 1923, the voters turned down an ordinance to allow drilling within the city limits, and, instead, approved one to prohibit drilling in the town. Their determination to prevent pollution of their residential district caused the Trustees to take a first step toward modern planning by delineating residential and industrial zones within the city.

The City of Huntington Beach finally allowed drilling in that town in 1926, and Redondo area producers attempted to get permission to drill within Redondo city limits as well, based on that capitulation. Once again, they were refused. By this time, oil exploration had begun in north Redondo. When north Redondo was annexed the following year, a compromise was reached to continue oil production in that section. Although indications were strong that there was oil in the northeast and southeast corners of the original city, exploration was not permitted there until 1935, after the Great Depression. Then the Dominguez park area was leased by the City and production begun. Thus, while oil production disrupted the expansion of the northern and uninhabited eastern corners of the city, it had no impact on the shape of the original city, nor on its built environment.

Resort Developments

Sport and commercial fishing were popular activities at Redondo because the deep water canyon off shore acted like a channel drawing schools of fish toward the harbor. The loss of the piers, therefore was a blow to the fishermen since they had used wharf #3 as well as the ruined

endless pier for landings. In 1925, the City Trustees granted a franchise over the tide lands to H. C. Monstad for a 300 feet fishing pier next to the endless pier. Although the pier was privately held, Monstad allowed the public to use it for a fee (Snyder 6, 1 Oct 1925). Finally, in 1929, the city demolished the concrete endless pier and built a new one, this time on a wood foundation.

Over the next few years, Monstad converted a number of older ships to fishing barges, anchored in the bay, and ferried sportsmen out to them. In time, he built up the largest sport fishing business on the coast. The barges were well fitted with restaurants, sitting rooms, and even overnight accommodations for those who wanted to be on the water at first light. His first barge, the *Lahina* was a barkentine, the first one ever to be converted into a fishing barge. Unfortunately, it was wrecked by storms off Palos Verdes in 1933.

In 1931, the residents considered a bond issue to purchase the Monstad pier, but it was defeated by north Redondo voters. Perhaps the city was lucky it did not purchase the pier. A decade after Monstad built the pier, he was forced to extend it another 100 feet because the concrete waste from the endless pier had changed the currents and sand had drifted under the end of the pier, making it too shallow. Remarkably, the pier is one of the survivors of the storm wracked bay and still stands in 1995.

Sport fishing continued during the Great Depression, but other businesses along the El Paseo suffered and became run down. For this reason, the community did not complain at first when gambling came to Redondo. There had always been small games with small prize gifts, but after about 1936, high stakes gambling, complete with a gangster element took over the waterfront. Shabby storefronts turned "glitzy" with new games and new players. The Wagon Wheel Restaurant, in the northeast corner of the Pavilion was one of the on-shore sites. It became a key club -- members and guests only -- and offered casino gambling. At least one local concessionaire offered gambling in his own store front. Still others ran fast yachts out from Monstad pier to gambling barges in the outer waters. Unfortunately, Monstad was also involved. After one of his sons' ship was raided and gambling paraphernalia tossed overboard by zealous law officers, Monstad suffered severe financial difficulties and committed suicide (Snyder 6, 15 Dec 1939).

Although the "new" money was a welcome addition to Redondo's depression economy, the gangster element eventually got out of control, and citizen groups rallied to stop gambling. The Junior Chamber of Commerce, in fact, was established for that reason. Finally, they created enough public pressure to close down the games and rid Redondo of gambling. This "questionable" source of income had carried Redondo's economy through the Great Depression by encouraging visitors, but with the beginning of the war time build up, was no longer welcome.

Civic and Commercial Developments

As early as 1905, financiers realized that the Hotel Redondo was not a money maker. Over the years it changed hands many times, but the new owners were unable to profit and community members began referring to it as an "outmoded dinosaur" (Johnson 1965). Finally in the early 1920s, the City purchased the land and proposed that the structure be converted to

a city hall. Voters failed to support this move and instead insisted on the creation of a public park. Thus, Veterans Park came into being and the lumber from the old hotel sold for \$3070. In 1930, a Spanish Colonial styled library was built on the site to serve the community.

Even though the Chamber and other Civic groups did not attract industry to Redondo Beach, they still benefited. In 1920 a glass manufacturer considered a site at Redondo, and finally settled on one at Hermosa Beach. Redondo Trustees recognized that resident workmen would be hired there, too, and joined the Trustees of Hermosa to offer financial incentives to the company. The company, Wuchner Glass Co., did locate at Hermosa and was successful for several years.

Perhaps the most notable result of these years was the establishment of a Planning Commission and setting of zoning regulations within the community. The civic leaders designated one section of town, near the old salt lake and lumber yards as the industrial section. They encouraged small businesses, including auto sales and merchants in another, on Catalina Avenue, which became another business district within the City. This made it possible for contractors to complete the infill residential development, knowing that their structures would not risk inclusion in a non-residential zone.

NORTH REDONDO - A NEW BEGINNING: 1923 - 1927

Expansion of Commercial and Residential Development

During the 1920s, the small commercial area centered around Grant School and the intersection of Artesia and Aviation boulevards continued to develop. One article published in the Redondo Daily Breeze noting this expansion trend stated:

In addition to home building activities the Riverside-Redondo blvd. (Artesia) promises to be a coming business section and the past few months have seen the establishment of several new gasoline stations, stores and at least one new industry. Lots on the Boulevard have doubled in value in the past six months and realty experts see further phenomenal advances in the value of the boulevard lots. (Snyder 1, 1 May 1924)

A variety of factors lay behind the area's commercial growth. Many of the businesses established during this period, especially the gasoline stations and eateries, relied upon the expanded use of personal automobiles as increasing numbers of people made the trip between Los Angeles and Redondo Beach by private car.¹ The area's expanding population also played a

¹Not all eateries were completely legal. In 1923, the "Long Horn Inn" located a quarter mile from Grant School on Redondo (Artesia) Blvd., was raided by members of the dry squad from the district attorney's office in Los Angeles for the illegal sale of liquor (Snyder 1, 9 November 1923).

significant role as housing tracts began to replace the area's single-family farms which had previously defined this northern area.

The establishment of housing tracts in the Redondo Villa community during the early 1920s was directly related to the exploration of oil. While exploration continued in the area's northeastern section, interest in the western portion of the Villa Tracts suddenly erupted as word of oil "pouring" from beneath the cap of a Hermosa oil site spread. This shift to the west resulted in yet another localized land boom as news articles perpetuated images of real estate agents "lining up to buy every available tract in the district" (Snyder 1, 27 Feb 1926). Paralleling the increased efforts in oil exploration came a demand for new home construction in almost every section of the Villa Tract. One news article joyfully referred to this period as the "new era of activity" (Snyder 1, 1 May 1924).

Civic Developments

The expanding population in north Redondo also led to calls for a variety of civic improvements. By 1926, for example, the Hermosa-Redondo Water Company experienced serious difficulty meeting the growing demand for residential water service. Only by installing new lines and a pumping facility capable of handling greater volumes of water was the company able to briefly stay abreast of demand. The water company's success was short-lived however. The improved water service had raised property values which in turn led to an enlarged building program as land owners either subdivided previously rural or vacant land.

The area's growing population also meant an increased need for educational facilities. As attendance at Grant School approached 200 in 1923, the community joined in the approval of a community-wide \$195,000 bond issue for the construction of new school facilities in their district as well as in Redondo Beach, Hermosa, Manhattan and Perry school districts. Community leaders also joined Redondo Beach in a partnership which led to the widening of Redondo (Aviation) Boulevard between Grant School and Pier Avenue.

The expanding population led to renewed efforts by the Redondo Villa Tract Chamber of Commerce to create a more urban environment. The Chamber's first major success in this direction occurred in 1926 when it convinced the County Board of Supervisors to reverse its decision to issue a permit to a large hog-raising operation which had received permission to establish in the north Redondo area. Immediately following this victory, the Chamber formed an annexation committee to once again pursue the annexation of the Villa Tract and Grant district, this time to the city of Hermosa Beach. Those in favor of annexation argued that it would encourage new development in the area and would give the Villa Tracts "an identity of real value." Those opposed countered with claims that annexation would lead to increased property taxes. In the end, this latter argument proved more persuasive and annexation efforts failed by a vote of 185 to 15 (Snyder 1, 22 Feb 1926).

ANNEXATION OF NORTH REDONDO - GROWING TOGETHER: 1927 - 1939

One year after its failed attempt to annex to the city of Hermosa Beach, the Villa Tract Chamber of Commerce joined forces with several leading organizations in Redondo Beach and organized yet another annexation drive.² Behind this new effort lay the threat of a million-dollar street paving program proposed by Los Angeles interests who owned 37 per cent of area's property. Chamber representatives argued that the proposed program was a blatant attempt to recoup lost profits from unproductive oil land, rather than a genuine attempt to modernize the community (Snyder 1, 2 September 1927). This argument succeeded, and on September 20, 1927, voters approved the annexation of the Redondo Villa Tracts to the city of Redondo Beach by a slim margin of thirteen votes.

More than 90% of the eligible voters cast their ballots. At the time of its annexation, the north Redondo area served as home for more than two thousand residents. "It is by far the greatest thing that has ever happened to this city," declared Henry Froude, president of the Redondo Beach Chamber of Commerce (Snyder 1, 23 Sept 1927). Not all considered the annexation in such a positive light, however. In 1928, several Los Angeles commercial interests filed suit seeking a reversal of the annexation decision. These suits were followed by yet another in 1930. Finally in 1931, the last legal obstacle to the complete and definite annexation of the Villa Tract had been removed.

Industrial Expansion

Behind the move for annexation lay the hope of community leaders and real estate interests in both the Villa Tracts area and the original town site that vacant land within the north Redondo area could be developed as future industrial and oil production sites. This hope grew out of the fact that oil drilling had been banned within the original Redondo Beach city limits. Within a month of annexation in 1927, rumors spread of a well-defined pool of oil under the central portion of the Redondo Villa Tract within the vicinity of Gates and Vail streets. In response, real estate values in the area once again assumed the proportions of a boom as speculators raced to profit from the latest flurry of excitement. In 1929, speculation shifted once again, this time to a new field which had opened to the east of the Redondo Villa Tract in the Lawndale area (Snyder 1, 7 Oct 1927, 29 Oct 1927, 3 March 1929).

The period immediately following annexation also marked the establishment of the Golden State Fireworks Manufacturing and Display Company, one of the area's more significant and interesting industries. Located at 1537 Stoutenborough Lane (Hill Lane), in the large tract of vacant land which is today defined by High, Meyer, Ralston and 190th streets, this company was the only one of its kind in California. The proprietor, Patrick Lizza, had moved to the Redondo Villa Tract from Pennsylvania where he had served as president of the Continental Fireworks Manufacturing Co. This move not only brought him closer to his major west coast customers

²Organizations in Redondo Beach who joined with the Villa Tract Chamber of Commerce in its annexation effort included the Redondo Beach Chamber of Commerce, the Redondo Beach Realty Board, the city's Board of Trustees, and the editors of the Redondo Beach Daily Breeze (Snyder 1, 12 August 1927).

who included the California State Fair at Sacramento, The Los Angeles County Fair at Pomona, and the Tulare County Fair, but also placed him in an excellent position to enter the expanding special effects market created by the film industry. With the establishment of this firm came a small population of specially trained workers from New York, New Jersey and Chicago.

Infrastructure and Civic Improvements

Infrastructure and civic improvements in north Redondo increased between 1927 and 1934. These improvements, which occurred despite the deepening economic conditions brought on by the Great Depression and the 6.3 magnitude earthquake which struck the area on March 10, 1933, were indicative of the strong community environment which had come to characterize this area. Most notable among the improvements made during this period was the resurfacing and modernization of roads, the construction of a new fire station at 2021 Redondo Beach (Artesia) Boulevard, and the reconstruction and expansion of the Grant School complex which had been almost totally destroyed in the earthquake. Funding and labor for these projects came from State Emergency Relief funds as well as the Federal Public Works program.

Not all physical improvements to the area were municipal in origin, however. In 1930, the California Water Service Company dedicated its new Pump Station No. 12. Located on Blossom Street, one and a half blocks north of Redondo-Riverside (Artesia) Boulevard, the new pump station was hailed as "the most artistic improvement constructed in the Villa Tract section to date." More than a pump house, this carefully designed building offered testimony to the future growth and prosperity of the Redondo Villa Tract and its newly established identity as a member of the Redondo Beach community (Snyder 1, 24 Jan 1936, 6 Dec 1938, 19 July 1929, 11 Jan 1935, 5 Dec 1930).

The period between 1927 and 1939 also marked by the construction of two new social halls. By 1931, a substantial Romanian community had developed in the Villa Tracts. The community constructed a club house at 2215 Grant Avenue, between Rindge Lane and Slauson Avenue for business and social gatherings. Following the Long Beach earthquake, the Romanian Society Club House also served as the meeting site for the Grant School PTA until the North Redondo Community Hall could be constructed in 1934. This second social hall, frequently referred to simply as the "Club House," served as the central meeting site for a variety of north Redondo civic organizations including the PTA, the Grant Community League, and the Shore Acres Improvement Association (Redondo Beach City Directories, 1933 and 1936; Snyder 1, 18 Sept 1931, 16 March 1934, 19 Oct 1934).

Residential Development

Although the sub-division forces which were apparent during the early 1920s subsided somewhat during the Depression era, residential tract development continued in north Redondo. Most notable was the Shore Acres sub-division created by the Home Extension Association. Located near the junction of Mathews Avenue and Phelan Lane, this housing project attempted to strike a balance between the original rural identity associated with the Redondo Villa Tract and the more recent identity of residential sub-division. Included as a part of this housing project plan was a co-operative market site where residents of Shore Acres sold produce raised on their

property. Each Saturday residents sold flowers, fresh vegetables, fruits, eggs chickens and even canaries to the surrounding communities from the community's market house. A parking area adjacent to the market house was also provided by the Home Extension Association in an effort to attract customers from the surrounding communities of Torrance, Manhattan Beach, Inglewood and Hermosa Beach (Snyder 1, 1 June 1934).

In 1937, the Redondo Beach City Council formally recognized the increasing residential nature of north Redondo in its acceptance of a Planning Commission recommendation that the area known as Villa Tract No. 2 be rezoned from unlimited industrial to suburban uses.³ Since its subdivision as rural farm land in 1905, north Redondo had experienced several shifts in its economic identity. The first shift occurred in the early 1920s when the land originally subdivided by Carlson for rural development suddenly became popular for its oil producing potential. The annexation of the area in 1927 and its identification as the city's future industrial site, resulted in yet another shift. Following annexation, almost the entire eastern section of the original Villa Tracts was zoned for industrial purposes. The construction of the Golden State Fireworks Manufacturing Company on property adjacent to Villa Tract No. 2 in 1928 appeared to confirm this industrial trend. By the early 1930s, however, dreams of unlimited oil production had faded and speculators who had purchased land during the oil boom were seeking opportunities to subdivide their property into residential sites. This move marked the third shift in the area's economy and set into motion a struggle between those seeking residential development and those who sought to perpetuate an industrial economy.

Physical Evidence - Original Townsite

Two moderne style buildings stand out as representative of the depression years, the high school science building at the southeast corner of Diamond and N. Francisca, and the handsome Eagle's Lodge, 128 S. Catalina. The period revival Monstad House, 559 Avenue A, in Clifton, is important because of its association with the family. Spanish Colonial residential styles, however, appear to be more numerous as representatives of the period.

Catalina Avenue serves as the primary north/south link between the previously separate communities of Redondo Beach, Clifton-by-the-Sea and Hollywood Riviera. At one time, all three townsites had commercial districts centered on Catalina Avenue. Over time, as the surrounding residential areas developed and began to overlap, the three commercial centers also expanded and merged. Today, Catalina Avenue is characterized by its close proximity to the beach, its attractive landscape and streetscape, and its pedestrian-friendly environment.

Physical Evidence - North Redondo

A number of civic improvements occurred in north Redondo during this period as the community moved away from its original rural economy toward the establishment of industrial

³ Today, this tract is defined by Inglewood, Vail, Robinson and Artesia avenues.

and residential sites. One notable addition to the area was Villa Tract Pump Station No. 12, constructed in 1930. Site selection and building design were performed by the Public Works Engineering Corporation. William O. Wilkins of Redondo Beach served as contractor. Although small, great care had been taken in the attention to architectural detailing. Ornamental green scroll work and three large flower boxes adorned this small Mission-style building. Inside, plumbing equipment moved water through newly-laid lines from Hermosa reservoir to the surrounding community (Snyder 1, 24 Jan 1936, 6 Dec 1938, 19 July 1929, 11 Jan 1935, 5 Dec 1930).

The construction of a new fire station at 2021 Redondo Beach (Artesia) Boulevard also reflected the expansion of north Redondo. Tentative sketches for the station were approved by the Redondo Beach City Council in 1935. The building itself required a total city expenditure of \$1,500 for materials — an important consideration for a city suffering the restraints imposed by the Depression. Construction labor was provided through the Federal PWA program. The new station opened for business in December of 1938 (Snyder 1, 6 December 1935, 6 December 1938).

The Romanian Society⁴ club house, located at 2215 Grant Avenue and the North Redondo Community Hall offered residents a much needed opportunity to socialize. Both were located within the Grant district, in the center of the community's greatest residential settlement. Residents of the Shore Acres sub-division met in the Community Hall regularly in order to attend Improvement Association meetings. Both served as important gathering sites for numerous organizations throughout the Second World War. Demand for the Community Hall became so great in fact, that prior to the construction of a new hall in 1940, the City Council had to intervene in order to settle scheduling disputes.

Tract housing construction occurred during this period despite the economic pressures of the Depression era. Most notable was the Shore Acres sub-division located near the junction of Mathews Avenue and Phelan Lane. Plans for this sub-division included a co-operative market house where residents could sell produce raised on their property. This development marked the community's transition from its earlier rural environment to the modern tract housing system. The Manny House (1934), one of the City's historic landmarks, is an outstanding example of the many private residences constructed during this period. Undoubtedly others exist which merit equal recognition.

Oil field structures tend to be ephemeral. Most disappear shortly after production was over, but here again, there could be concrete platforms or even vestiges of aging pumper rigs nestled into an otherwise unremarkable landscape.

⁴Building permits identify the full name of this organization as "The Romanian Beneficial Society."

WORLD WAR II EXPANSION 1940 - 1950

ORIGINAL TOWNSITE

Residential Growth

Although the city of Redondo Beach was unable to attract war-time industry, its residential sector expanded significantly during World War II as new families working in the defense plants near by chose to locate in Redondo Beach. Areas of the original city which had not been built up prior to the war, suddenly were subject to infill housing. In particular, new housing took the place of truck farms in the eastern corners of the city where oil prospecting had limited earlier development. Important construction efforts also took place in north Redondo where greater areas of vacant land were available. Tract style building predominated although many returning veterans built their own small homes on individual lots.

The old Edison plant had been dismantled in 1936, to the dismay of the community.¹ In 1940, the City purchased the site, undoubtedly hoping to identify war related industrial uses for the complex. The remaining skeleton, an eyesore by then, was finally demolished in 1946. During and after the war, however, people moved to the region in great numbers. The housing market grew rapidly as newcomers demanded places to live and raise their families. Ironically, in 1946, the Southern California Edison Company realized that it needed to supply even more power to the South Coast, and took out permits to rebuild on the same site.

Resort Developments

Largely due to the effort of the Junior Chamber of Commerce to revive the city after the gambling left, bonds were passed to build a breakwater. The structure, it was hoped, would finally protect the harbor and encourage boating, if not shipping from the piers. Using the \$300,000 bond issue and a 245,000 grant, they built their long desired breakwater in 1939. The breakwater, unfortunately, proved to be a mistake. When the inevitable storms hit that year, a great deal of property along the beach front and old El Paseo was destroyed. The Breakwater had changed the movement of sand. Before storms pushed the sand northward, and it drifted back along the shoreline. Now, however, the breakwater prevented its southward movement. As a result, beach front property disappeared in the accumulation of sand. Residents agreed to an assessment in 1944 to build a seawall, but the erosion continued.

¹Between approximately 1938 and 1940, the Edison property appears to have been purchased by the City for \$25,000. This purchase led to a libel suit filed by City Attorney Frank Perry and former councilman Paul Temple against Melvin More, Thomas Hoyt, Frank Davis and Mr. and Mrs. Charles Turner who claimed that the true asking price was \$17,000 and that the difference of \$7,500 (\$25,000 - \$17,000) had been pocketed by city officials (Snyder 3, 18 April 1940).

NORTH REDONDO

Transition to a Residential Economy Accelerates

On the night of February 9, 1940 the southeastern section of the north Redondo community seemed to explode in a glorious display of fireworks. That night and for weeks afterward, people came in droves to see the accidental destruction of the Golden State Fireworks Manufacturing Company. They parked in all the vacant lots, in residents' driveways and in the open wheat fields. "The experience was beautiful, exciting and scary, and I will never forget the night of the blazing skies and red rockets," stated one resident (Snyder 1, 19 May 1994, 16 Feb 1940). Although the company reopened on its original site during World War II and produced more than one hundred million artillery shells, prospects for its continued operation grew dim as the north Redondo community moved to fully embrace its post-war suburban identity.

A striking element of the residential growth in north Redondo following World War II were the tent communities which began to appear as veterans returned from the war. Faced with an acute shortage of rental property, veterans began purchasing vacant lots on which to build their future homes. As an immediate answer to their families' housing needs and as a means of safeguarding valuable lumber, many veterans erected large tents as temporary shelters. As increasing numbers of tents began appearing in north Redondo, neighboring residents demanded that the City Council ban all forms of temporary housing (Snyder 1, 19 July 1946).

Within two years of the Council's eviction of tent residents, property owners in north Redondo organized to boost building area minimums from 480 to 750 square feet. This debate, which eventually led to modifications in the district's building code, illustrated the significant changes which had occurred in north Redondo following World War II. Slowly at first and then more rapidly, a strong community of suburban residents had replaced the earlier sparse rural community which typified this area through the early 1940s. As increasing numbers of veterans and their families chose to settle in Redondo Beach and purchased the newly-constructed homes in and around north Redondo, the demand for a more urban setting and conveniences increased (Snyder 1, 5 Nov 1948).

The Redondo Hills tract, north of Robinson Avenue, between Inglewood and Vail avenues was the first to develop. Following that, Safeway Homes offered property and houses adjacent to Redondo Hills. After fraud charges were proven against Safeway, a second concern completed the project. Another company, Security Construction Company of Los Angeles developed 54 individual home sites throughout the area.

The increased demand for residential housing eventually culminated in the adoption of a re-zoning ordinance banning all poultry, rabbits, milk cows, horses and other domestic farm animals from the north Redondo area. Long-term residents strongly opposed this rezoning effort on the grounds that North Redondo had developed as a rural community. Many had invested their life savings in the purchase of small acreage in order to raise their own domestic animals and be somewhat self-dependent. Referring back to statements made by the original 1927 Annexation Committee that there would be no restrictions against local farming efforts except those already

excluded by the County Health Department, some long-time residents attempted to block the zoning change. Unfortunately, the regional wave of sub-division combined with the tax advantages offered the city by real estate development companies were against such grass-root efforts to retain the rural environment.

Commercial Expansion

In 1945, the area of Redondo Beach (Artesia) Boulevard between Aviation Boulevard and Rindge Lane experience a small but important burst of commercial development. Many of the locally owned and operated stores already in the area also expanded during this period including the addition of a retail jewelry store to the novelty manufacturing studio operated by J.H. Kitchin at 1935 Redondo Beach Boulevard, the addition of a beer garden and drive-in cafe to Al's Cafe located at 1901 Redondo Beach Boulevard, the sale of Carr's Drive Inn and adjoining filling station located at 2600 Redondo Beach Boulevard and the expansion of its menu under the new name of the "Corner Inn", and an addition to Donlou's Market located at 1512 Pier (Aviation) Avenue.

Civic Expansion

Immediately following the War, a new organization formed to investigate and promote the needs of the north Redondo community. More than one hundred people attended its first meeting to hear various proposals for community improvements.² These included diverse projects such as improved bus service, new street paving and the construction of a new school. These efforts paid off when, in 1946, the community received its bus service as well as a promise of federal funding for a new police substation, recreation center and public library. In 1948 a special lighting district was created by the city council to serve the area and reduce crime (Snyder 1, 2 Aug 1946, 28 Nov 1947).

Physical Evidence - Original Townsite

The original townsite, Clifton-by-the-Sea and Hollywood Riviera were not immune to the pressures brought about by wartime industry and returning veterans. Building permit records indicate that the Redondo Improvement Company filed for permits for a construction company, Drachlis and Bergman, to build in-fill residential structures at Gertruda and Sapphire, as well as in the Knob Hill area. Another builder, B. B. Karger, built several 2,700 square foot homes on Miramar and Sierra Vista, between Torrance, Pearl, South Guadalupe and Camino streets. Since all the Karger homes were the same size, they may also be similar styles, as if they were tract housing. In-fill building continued south into Clifton-by-the-Sea and Hollywood Riviera. There the property was held by the Redondo Huntington Company, another Huntington enterprise. The builder, W. Vaughn Scott, proposed to build "Better class homes on higher ground" there near South Elena Street. He also anticipated a commercial district along Elena Street. Scott apparently had control of nearby property in Hollywood Riviera as well and, in 1945, advertised

² In news articles which report the activities of community groups, this new organization is alternately referred to as "The North Redondo Civic Center Citizens" or the "The North Redondo People."

that 458 home sites were available there. At the same time, an early regional developer Clifford Reid, sold his Hollywood Riviera investments, presumably to a new developer who continued to build in the area.

Since the first Redondo Beach survey was completed in 1986, it did not consider homes or commercial centers built during the 1940s. We suggest the survey be augmented to look for some of these 1940s homes and businesses since they represent the war and post-war expansion period. If, as we anticipate, a site inspection does uncover some of these structures, it will indicate the pervasiveness of the building boom throughout the city. The styles and overall quality of the remaining structures may also indicate a different social or economic level from that in north Redondo, or they may suggest that the two areas had much in common in this stage of the City's development.

Physical Evidence - North Redondo

The ten year period between 1940 and 1950 brought many changes to the north Redondo area. Civic improvements, commercial development and residential construction merged to reshape the community. The following offers a partial listing of these changes and related structures:

In 1940, the Redondo Beach city council approved plans for a new and expanded North Redondo Community Center to include a civic auditorium and a library. Preliminary drawings, plans and elevations were prepared by Walter O. Wurdeman of Wurdeman and Becket, a Los Angeles architectural firm. Following approval by the council, the city prepared an application for WPA Federal Aid to construct the project. These plans were placed on hold however by the entrance of the United States into the Second World War in 1941.

Immediately following World War II, residents of Redondo Beach voted with an overwhelming majority to modernize and expand their school system in the northern areas of the City. With the issuance of a new bond and the receipt of \$55,000 from the federal grant program, Redondo Beach began construction on the Lincoln School located on Vail Avenue between Farrell and Plant avenues. Three years later, additional rooms were added to accommodate the increasing number of students (Snyder 1, 4 May 1945).

In 1948, the City began negotiations with the owners of a ten-acre site located on Lillenthal and Ripley avenues for the construction of a new elementary school. This effort was designed to alleviate over crowding at Grant and Beryl schools.

In 1945, J.H. Kitchin and his wife expanded their Novelty Manufacturing Studio located at 1935 Redondo Beach Boulevard. The couple also owned the Southwest Souvenir Company which was located at the Pier. The Kitchins had established their manufacturing company on Redondo Beach Boulevard prior to the war. Here they manufactured abalone pearl, agate and moonstone jewelry which they sold in their store on the Pier. By the end of the war only the Kitchin's novelty company and one other remained in Redondo Beach area out of an original

eighteen such operations. The Kitchins' novelty shop had been able to survive the war years using a large stock of gold wire, moonstones and abalone pearls. In 1945, as supplies became available once again, the Kitchins expanded the operation by adding a retail gift shop to the factory. Here, they sold costume jewelry, Laguna Pottery, watches, etc.

Announcements for the large Redondo Hills subdivision containing 145 , five and six-room houses appeared in 1943. Constructed on land purchased by Mrs. May Isabel Campbell-Johnson, Redondo Hills represented 70 acres located north of Robinson Avenue, between Inglewood and Vail avenues. Plans included the paving of streets and the laying of sidewalks. The initial ten homes were constructed on Pinkard, May and Timothy Avenues. Later in 1947, an additional 97 homes were completed on Perkins Lane and the surrounding streets which included Barkley Lane, the 2900 block of Gibson Lane, Blaisdell avenue, Carlsbad Street, Faber Street and McBain Street.

In 1948 plans to complete North Redondo's "New Tract" were announced by Safeway Homes Limited. Located within the remaining triangular section of the tract bordering the Redondo Hills development, Manhattan Beach Boulevard and Inglewood Avenue, the new Safeway sub-division offered promises of 150 new, two-bedroom homes set in a fully restricted site.

A second major developer who began work in North Redondo in 1948 was the Security Construction Company of Los Angeles. Rather than purchase and develop a single large tract, this housing construction company purchased individual 54 individual lots through out the area on which they constructed forty homes which sold for \$4,000 and fourteen homes with sold for \$3,200. Advertisements for the project stated that all homes constructed would have three rooms and a bath and would be planned so that two additional rooms could be added without disturbing the original floor plan. A full list of all addresses is provided in the article entitled "\$200,000 Permit Value for 50 Small Homes On Scattered No. Redondo Sites" (Snyder 1, 13 February 1948).³

Conclusion

Lawrence Halprin once wrote that "the ultimate purpose of a city in our times is to provide a creative environment for people to live in." (Halprin 1963, 7). In this study we had tried to identify those creative elements which set the City of Redondo Beach apart from other beach communities. Those elements are the basis for explaining why Redondo Beach is where it is, and most important, what kind of a city it is. Is it important to know why the streets have certain names? Is it important to know why there is a park on the Esplanade, or why the high school is located where it is? Perhaps not. But knowing the answers to these questions creates a bond between modern residents and those who lived here decades ago and maybe, helps to explain why you live in Redondo Beach and why you think it is a special place to be.

³A complete listing of all 54 addresses appears on page 82 (North Redondo Summary) of this report.

SELECTED BIBLIOGRAPHY**Published Material**

- Barsness, Richard W. "Iron Horses and an Inner Harbor at San Pedro Bay, 1867-1890." *Pacific Historical Review* 34, no. 3 (August 1965).
- Barsness, Richard W. "Railroads and Los Angeles: The Quest for a Deep-Water Port." *Southern California Quarterly* 47, no. 4 (December 1965).
- Barsness, Richard W. "Los Angeles' Quest for Improved Transportation, 1846-1861." *California Historical Society Quarterly*, 46, no. 4 (December 1967).
- Bell, Major Horace. *On the Old West Coast*. New York: William Morrow Co., 1930.
- Cleland, Robert Glass. *The Cattle on a Thousand Hills: Southern California, 1850-80*. San Marino, California: The Huntington Library, 1951 (1941).
- Gregory, Howard. *Southern California Seacoast, Then and Now*. Redondo Beach, CA: Howard Gregory Associates, 1981.
- Fredericks, William B. *Henry E. Huntington and the Creation of Southern California*. Columbus: Ohio State University Press, 1992.
- Gillingham, Robert Cameron. *The Rancho San Pedro: The Story of a Famous Rancho in Los Angeles County and its Owners, the Dominguez Family*. Los Angeles: Cole-Holmquist Press, 1961.
- Gregory, Howard. *Southern California Seacoast, Then and Now*. Redondo Beach, California: Howard Gregory Associates, 1981.
- Grenier, Judson. *California Legacy: The James Alexander Watson, Maria Dolores Dominguez de Watson Family, 1820-1986*. Watson Land Company, 1987.
- Halprin, Lawrence. *Cities*. Cambridge, Mass.: The MIT Press, 1972 ed.
- Johnson, Ken. "Fun, Frustration and Fulfillment." Manuscript, 1965. At Sherman Library, Corona del Mar, CA.

-
- Johnston, Bernice E. *California's Gabrielino Indians*. Los Angeles: Southwestern Museum, 1962.
- Karr, Albert S. "The Port of Redondo: 1887-1926." Thesis, presented to the Department of History, University of Southern California, April 1947.
- Klein, Norman M. and Martin J. Schiesl. *20th Century Los Angeles: Power, Promotion, and Social Conflict*. Claremont, California: Regina Books, 1990.
- McCullough, David. *The Path Between the Seas*. New York: Simon and Schuster, 1977.
- McWilliams, Carey. *Southern California, An Island On the Land*, 8th ed. Salt Lake City: Peregrine Smith Books, 1946.
- Myers, William A. *Iron Men and Copper Wires: A Centennial History of the Southern California Edison Company*. Glendale, California: Trans-Anglo Books, 1986 (1983).
- Redondo Beach Centennial Magazine. "Redondo Beach — A Century in the Making." c. 1992.
- Rice, Richard B., William A Bullough, and Richard J. Orsi. *The Elusive Eden: A New History of California*. New York: McGraw-Hill, Inc., 1988.
- Robinson, W. W. *Ranchos Become Cities*. Pasadena, California: San Pasqual Press, 1939.
- The Santa Ana Valley of Southern California: Its Resources, Climate, Growth and Future*. Santa Ana, California: Santa Ana Valley Immigration Assn., 1885.
- Scheerer, Loretta Louise. "The History of the Sausal Rancho." M.A. Thesis, University of Southern California, 1938.
- Serpico, Paul. *Santa Fe Route to the Pacific*. Palmdale, California: Omni Publications, 1988.
- Shanahan, Dennis. *Old Redondo*. Redondo Beach, California: Legends Press. N.d.
- Solano-Reeve Collection*. The Huntington Library, San Marino, California.
- Starr, Kevin. *Inventing the Dream*. New York: Oxford University Press, 1985.
- *Material Dreams*. New York: Oxford University Press, 1985.
- Tatum, Donn Benjamin, Jr. "The Rancho Sausal Redondo." M.A. Thesis, University of Southern California, 1968.
-

- The Santa Ana Valley of Southern California: Its Resources, Climate, Growth and Future.* Santa Ana, California: Santa Ana Valley Immigration Assn., 1885.
- Thompson & West. *History of Los Angeles County, California, 1880.* Reproduction with introduction by W. W. Robinson, Berkeley: Howell-North, 1959.
- Tompkins, Walker A. *Little Giant of Signal Hill: An Adventure in American Enterprise.* Englewood Cliffs, NJ: Prentice-Hall, Inc., 1964.
- Tygiel, Jules. *The Great Los Angeles Swindle: Oil, Stocks, and Scandal During the Roaring Twenties.* New York: Oxford Press, 1994.
- U.S. Bureau of the Census. 1920 *Census of Redondo Beach Township.* Bureau of the Census, Washington, D. C.
- U.S. Bureau of the Census. 1910 *Census of Redondo Beach Township.* Bureau of the Census, Washington, D.C.
- White, Gerald. *Standard Oil Company of California: Formative Years in the Far West.* New York: Appleton-Century-Crofts.
- Wright, Ralph B., ed. *California's Missions.* Covina, California: Hubert A. Lowman, 1972.

Private Collection

Snyder, Gloria. This is a substantial collection of newspaper clippings and documents regarding various aspects of the history of Redondo Beach. Files pertinent to this investigation include:

1. Clipping file on North Redondo, 1906-1990s;
2. Clipping file on various lumber companies doing business in Redondo Beach, 1890s-1980s;
3. Clipping file on the Pacific Light and Power Company and the Southern California Edison Company, 1906-1946;
4. Clipping file on street name changes in Redondo Beach, 1887-1995;
5. Building permits, various years;
6. Clipping file on Monstad Pier.
7. Clipping file on Clifton-by-the-Sea.

Mrs. Snyder may be reached for data through the City of Redondo Beach, Preservation Commission.

CLIFTON-BY-THE-SEA

The following material presents a chronological summary of events related to the development of Clifton-by-the-Sea.¹ Many of the early news articles summarized here, were written by members of the Redondo Beach booster community and should be interpreted with caution. Henry Huntington's announcement of his intention to create an "upper-class" residential community led boosters to make extravagant and often premature statements of future development plans. Such statements continued following the annexation of this area as the City attempted to find the right combination of resort and residential features to attract investors. As a result, some news articles contain both fact and fiction.

- 17 Jul 1905 Henry Huntington purchases Downey Ranch. This site adjoined Redondo on the South and consisted of 1,010 acres.
- 19 Jul 1906 Huntington names new tract: "Clifton-By-the-Sea."
- 27 Dec 1906 Huntington hires the architectural firm of Hunt and Gray to design a 2-story, 9-room house on tract for himself.
- Nov 1906 Reports state that Clifton-by-the-Sea is "established as a resort by H.E.J. Downey, H.E. Huntington, Peter and Walter Martin, and Mrs. Eleanor Martin." The area consists of 125 acres to be divided into blocks for residential use. Additional acreage to be divided as demand dictated. Streets, cement promenades, curbs and walks were laid out within days. Plans to erect Clifton Inn and Golf Club also made. "One of the special features of this new resort is the building restrictions which specify the character, cost and style of house the investor must erect; and nothing of the cheap order will be permitted at this charming place. Clifton-by-the-Sea is to be a high class watering place of the kind that will attract the best class of people from all parts of the world." *Photo of proposed Inn - architect not Hunt and Grey.*
- 1907 Financial panic of 1907, limits ability to sell property.
- 24 Jan 1907 Myron Hunt and Elmer Grey to supervise construction of a \$6,000 club house at Clifton. Foundation for Walter Martin's home also laid. Martin resides in San

¹News clippings summarized in this section are contained within the "Clifton-by-the-Sea" file compiled by Gloria Snyder. Ms. Snyder may be reached through the City of Redondo Beach, Preservation Commission.

Francisco.

- 16 May 1907 L.T. Garnsey to build Mission-style residence at Clifton.
- 11 Jun 1908 Plans to drill for oil just south of Clifton announced by Robert C. Davis and J.M. Langdon. Their plans include the construction of a 1500' wharf at Malaga Cove. Announcement follows the discovery of oil at Palos Verdes. Ability to drill limited by property owners' refusal to lease land.
- 1909 *Photograph - View from "Sea Gull Inn at Clifton-by-the-Sea. (Looking S., of course.) View of Esplanade (100 ft. wide) and residence - shows curbs and street lamps. Huntington's Home. "Magnificent views, a perfect bathing beach, sanitary sewers, artisan water, gas, electricity, shade trees, telephones and direct car service to Los Angeles every twenty minutes, combine to make this the most attractive place of seaside residence in southern California. Building restrictions are rational yet rigid, while the price of lots is very moderate for property of this character."*
- 1909 Redondo Beach looks forward to the completion of the new Country Club plans at Clifton. Its opening means income to city through the attraction of "society people from all over the world." "Whatever obstacle in the past that prevented the building of the clubhouse, courses and grounds has been, we understand, overcome and nothing is now in the way except to cooperate." Reports surface that plans for a clubhouse have been approved and accepted. Redondo Beach residents hope that Clifton will become "the mecca of society and will be the home of many winter and summer residents....Such matters as golf, tennis, cricket and polo appeal especially to the wealthier classes and many will build handsome residences here if they are offered inducements." Redondo Beach residents also hopeful that completion of Clifton will mean the construction of a boulevard from Santa Monica to Redondo Beach. Many hope that it will lead to "a building boom [in Redondo Beach] that would be unparalleled." In addition to Huntington, investors also included J.S Wollacott and Root Osborne.
- 15 Feb 1909 First effort to annex a portion of Clifton-by-the-Sea. Ordinance No. 301 voted upon by residents of Redondo Beach. "Whether or not new uninhabited territory adjacent to and to the West of city shall be annexed." Fails.
- 3 Oct 1909 *Photo of cliffs and sea, proposed polo club house. [LA Herald Sunday Magazine]*
- Map of Clifton showing relationship to surrounding communities. [Seaver Center for Western History Research, Natural History Museum of LA] This map includes an area to the east which does not appear on tract maps on file with the Redondo Beach planning department.*

- 26 Jan 1911 Thomas Bendelow, manager of AG Spalding & Bros. in Redondo Beach hired to lay out golf links at Clifton. Accompanied by C.H. Burnett, manager of LA &R Railway Co. and O. N. Tomilison of Redondo Improvement Co. Plans to be submitted to Huntington.
- 5 Oct 1911 Hunt (architect) and family return to Pasadena after winter at home in Clifton.
- 23 May 1912 Clifton expanded to 200 acres. "During these eight years' time the completion of the county highway from LA to Redondo , via Inglewood, and from the southerly boundary line of Redondo through Clifton, eastward to the town of Wilmington has also added impetus to the growth of this immediate locality."
- 1912-1913 *Advertisement for Clifton-by-the-Sea in city directory.*
- 5 Apr 1913 H& H Realty Co. out of Minneapolis contracts with Huntington and J. Harvey Martin of San Francisco to handle land sales and development. Within 6 weeks all principals in the company have fled town. "There is nothing left to remind the inhabitants of this beach of the existence of the H&H Realty company, except the signs about town and a few unpaid bills. Next!" [9 May 1913]
- 18 Apr 1913 Second move for annexation of Clifton.
- 18 Jly 1913 Western portion of Clifton annexed. "Clifton-by-the-Sea is now a part of the city of Redondo Beach, having been overwhelmingly voted into this municipality on Wednesday, with the following results: 197 in favor and 6 against in this precinct and 6 in favor and none opposed in the Clifton precinct. " Homes of Huntington and Robert Burdette and Esplanade viewed as assets to the city.
- Clifton Tract at time of annexation to city in 1913 consists of 121.87 acres. Villa Tracts annexed in Sept. 1927 consists of 3688.55 acres. Information contained in letter from Redondo Beach city engineer D. L. Bundy to Guy Marion, Manager of Research Dept of LA Chamber of Commerce. Dated 26 April 1940.
- 13 Feb 1914 "New Boosters for Clifton." Campbell and Bentley of Los Angeles serve as selling/managing agent for property still held by Huntington and new owners— The Judson Syndicate. Huntington's house to be converted to an inn. Martin house to be club house. Plans to "open up" the eastern portions of Avenues A, B and C. Existing streets to be re-improved and sewer system to be expanded. "Why this subdivision has lain idle for so long a time has been a mystery to the real estate operators, especially as so much money had already been expended on it." Described as 1171 acres which includes a 9-hole golf course.
- 6 Mch 1914 Description of Clifton property to be placed on the market: "The original subdivision which was annexed to the city along with additional subdivision

extending easterly from the original and located over the high and lightly ground adjoining Redondo Beach on the south." New subdivision extends from Elena (now PCH) to the eastern line of the ranch property. Lots on eastern end will be divided into 1/2 acre lots. Those closer to the west to be regular business size. Plans for \$25,000 in improvements including grading of new golf course. Improvements completed 100 acres at a time. Golf links to take up considerable portion of old Downey ranch. Club house semi-public in nature. Sea Gull Inn granted liquor license. Bath house for general public use.

Note: This description appears to include not only the eastern portions of Avenues A - C, but also the area to the south which today surrounds Palos Verdes Boulevard and is defined by Avenue D, Pacific Coast Highway, and Prospect Avenue. A portion of this area probably served as the golf course since the club house was constructed on Avenue C.

20 Jun 1914 E.C.D. Price, former promotion and publicity manager of San Francisco commercial club, appointed "booster-in-chief" at Clifton. Price builds a home (Swiss chalet style) on Avenue C near Catalina. Cost of home estimated at \$4000.

26 Jun 1914 Club works to recruit memberships from Redondo Beach community. At this point, golf course reported to cover 118 acres.

4 Sept 1914 \$60,000 worth of land sold in area annexed to Redondo. Coincides with announcement of plans to build exclusive club and residential area on Palos Verdes. Woman's Club also announces plans to build new club house in Clifton at the corner of Elena and Ave. A.

Huntington-Redondo Co. continues to advertise as owners of Clifton-by-the-Sea where "The contour of its hills and slopes presents a series of elevations, rising ever upward from the shore to a height of 200 ft. along the eastern range of sentinel hills."

18 Jly 1919 Home of T. Yoshida robbed. Owner is described as a Japanese rancher living at Clifton.

12 Aug 1921 "Entire Clifton Property to be placed on market. Realty firm with offices in Los Angeles, Pasadena, Santa Monica, Long Beach and Santa Ana to dispose of Huntington-Redondo land." Seen by community as an incentive for greater building in the area. Entire holdings of Huntington-Redondo Co. turned over to R.E. Ibbetson and Co. of Los Angeles. Coincides with laying out of "Redondo Country Club" on approx. "100 acres lying south of Ave. C." Advertisement by Redondo Country Club states: "We wish to announce that the organization of the Redondo Country Club is now accomplished (all rumors to the contrary

- notwithstanding)." Located at the "head of Ave. C." 100 new members sought. By 1922, only 47 members have been recruited. Many golf tournaments and club events held at site into 1930s.
- 2 Apr 1923 City Resolution No. 488 - "Closure of the following streets by the City Council: Avenues J, K, L and M of Clifton-by-the-Sea lying between Esplanade and Elena (PCH) and that portion of Elena lying between Avenue I and M in Clifton. All alley ways also closed to public use."
- 9 Nov 1925 Redondo Palisades Organization (syndicate) purchases land from Huntington Land Co.. Development plans include a golf course and housing built over a large area of beach-front property. Although the property is not a part of Redondo Beach, local boosters are pleased with promises by the syndicate that all advertising will include positive statements about Redondo. Developed by Carlin G. Smith and F.F. Hayward.
- 5 Mch 1926 Meeting held to discuss annexation of "Clifton Heights". Area described as east of Elena (PCH), toward Palos Verdes Estates. At issue is the cost of sewage and fire protection to be provided by Redondo Beach. Cost estimates of connecting insufficient Clifton sewer system to Redondo system are high.
- 30 Sep 1927 All residents South of Opal (Torrance Boulevard) invited to join Clifton Advancement Association which seeks annexation to city, improved sewers and improved schools. In Feb of 1928, Charles Henry Cheney addresses Association. During meeting, members also discuss proposed improvements along Esplanade and Avenue I.²
- 6 Jan 1928 New subdivision (Hollywood Riviera) adjoining Redondo Beach under way. Clifford Reid Co., Inc. developed the 500 acres which lay to the south of, and adjoined, Redondo Beach.³
- 20 July 1928 *Advertisement for Redondo Country Club with offices at Avenue C.* Comprised approx. 100 acres S. of Ave. C. Club hopes to sell additional memberships in order to make improvements and to expand.
- 18 Jan 1929 Clifton Heights annexation discussed. Legally known as Lot A of Rancho Palos Verdes.

² Charles Henry Cheney was one of the most prominent city planners on the West Coast. In addition to acting as principal planner for Palos Verdes Estates, he also created city plans for Santa Barbara, Riverside, Fresno, Alameda, Oakland, Los Angeles, and Portland, Oregon.

³See summary of Hollywood Riviera development.

- 16 May 1930 In formal vote, Clifton Heights rejects annexation to Redondo Beach - 65 against, 23 in favor. "Better to annex to Torrance than Redondo under present conditions," state members of the Clifton Heights community.
- 30 Sept 1937 Report of property sales in Clifton section of Redondo Beach: Knob Hill and Esplanade property purchased by Tom Bowman (druggist) - sold by Dr. A.T. Hembree. Bungalow court at Ave. D and Esplanade purchased [constructed?] by Ella Bain. Lot on Ave. F. sold to L.H. Bigelow. Three vacant lots on Avenues C, G and F sold.
- 7 May 1942 City seeks annexation of approximately 175 acres of unimproved land southeast of city. Property held by Huntington Redondo Company. Development planned by W. Vaughn Scott who hopes to build "better class homes on higher ground." A number of businesses reported to look with favor on the new development and the possibility of establishing a business section on south Elena Ave. Actual construction begins in 1948.
- 29 Nov 1943 Formal announcement of yet another annexation proposal. Area to be annexed South of Knob Hill, east of Elena. Population of area has more than doubled since 1938 and includes approximately 180 homes and a population of 500. Police and fire protection by Redondo Beach offered as an incentive. City guarantees that residents of the area will not be assessed for any existing bonds. City also offers better library services and lower utility rates than that currently offered by county. Annexation offer rejected.
- 15 Oct 1946 *Advertisement for Veterans' Homes with an ocean view at South Elena Ave and Ave. G (just North of Hollywood Riviera). 3 bedrooms, fireplace, double garage. Rayden Building Co., 1511 South Elena. Also 22 Feb 1947.*
- 5 Jun 1948 *Photograph of new residential subdivision project by W. Vaughn Scott Co. in Clifton Heights area.*
- 3 Jan 1951 Redondo Beach City Council plans to annex a strip of land from Torrance. Goal is to encircle Clifton Precinct and end possibility of Clifton Heights' annexation to Torrance. Suggested by property owner Shelley Jones of 204 Ave. G. Plan includes 21 lots running along eastern boundary of precinct from Ave. A to H. Made possible under the Annexation of Uninhabited Territories Act of 1939. Eventually Redondo hopes to annex entire Clifton district which has successfully resisted all prior efforts to annex. Only 4 families live on the 21 lots. Would cut out a portion of the 'L' shaped county territory with ran from PCH east to about Susana Ave and from Ave. A to Ave. D and portions of Ave. H.
- 8 Feb 1951 City annexes a total of 26 lots -- affects only 9 residents.

- 25 May 1952 An additional 22 lots annexed by Redondo Beach. City charged with "gangster tactics" by residents of Clifton area. Like earlier annexation, an expansion of the "shoestring annexation" designed to cut Clifton Heights off from Torrance.
- 24 Apr 1959 City makes another attempt to annex Clifton Heights and Clifton Acres.
- 30 Jly 1959 Developer applies for permit to construct subdivision in area east of Tulita Ave. (Prospect?) and south of Ave. H. Includes 28 lots. Residents on Ave. H oppose development plan. Residents argue that because the south end of tract is bounded by swamp, drainage issues will develop. Tract finally approved Sept. 1, 1959. Developer agrees to defend city against any law suit arising from damage caused by development.
- 7 Jan 1968 City continues in its efforts to annex Clifton Heights after fire at 522 Ave. A kills woman. Incident raises issue of limited city fire response. Area to be annexed described as 15 sq. blocks with 2,000 residents -- bounded by PCH, Knob Hill, Cessionee Ave, Irena Ave. and Ave. D.
- 21 Mch 1978 Clifton Heights residents continue to fight annexation efforts. Redondo Beach looks to 1976-7 Municipal Organization Act (MORGA) which allows cities to annex county islands of less than 100 acres without a vote of affected residents.
- 23 Mch 1978 *Small map of area fighting annexation.*
- 6 Jun 1978 Preliminary zoning plans for proposed annexation area offered to city council.
- 24 Sept 1978 City investigates possibility of a "reverse contract" with county as an alternative to annexation. Under contract, county would pay the city for services offered to Clifton Heights. Proposal made in response to argument that annexation was necessary because Clifton Heights residents utilize city services without proper reimbursement. City services to area amount to \$50,000 / year.
- 15 Apr 1979 Redondo Beach City Council approves plans for annexation of Clifton Heights. Residents protest annexation plans.
- 26 Nov 1980 LA County Board of Supervisors approve annexation of Clifton Heights.
- 15 Dec 1981 Torrance court rules in favor of annexation by Redondo.
- 11 Feb 1982 Superior Court or Torrance upholds Redondo annexation. At this time, approximately 1570 people lived in 778 homes in the area.

HOLLYWOOD RIVIERA

The following material presents a chronological summary of events related to the development of Hollywood Riviera.¹ This area, located to the south of Avenue I, was established in the late 1920s. Promoters of the development envisioned an exclusive residential area. Promotional materials, designed to attract Hollywood's elite, made reference to the site's similarity to the French Riviera and to the protection offered by restrictive covenants.

The original boundaries of this community included the southern portion of Henry Huntington's Clifton-by-the-Sea and extended into the northern portion of Torrance. Prior to its sub-division, the site also served as a landing field for small aircraft. Today, little remains of the original development. Miramar Park marks the location of the original club house which served as a focal point for the community, and apartment houses now stand in place of many earlier Mediterranean-style homes.

- 20 Feb 1920 Redondo Improvement Co. grants use of land, free of charge, for use as a landing field by Pacific Aero Club, Inc. Strip to be 600' long and 30' wide. Site: between I and L Avenues, Catalina and Elena Avenues. Aero Club asks City to prepare field by levelling and oiling and possible construction of a hanger. In return, Club promises to "make Redondo Beach a center of aeronautical activity, and give the city a great deal of up-to-date publicity." Club's request presented to the Redondo Beach City Council who in turn ask the Street Engineer to investigate the proposal. Council not convinced that air flight still a novelty since almost every other coastal city offered flights for fare. City seeks a valid commercial operation, not one requiring city resources.
- 2 Apr 1923 City Resolution No. 488 - Closure of the following streets by the City Council: Avenues J, K, L, and M of Clifton-by-the-Sea lying between Esplanade and Elena (PCH) and that portion of Elena lying between Avenue I and M in Clifton. All alley ways also closed to public use.
- 1 Sept 1926 Hollywood-Redondo boulevard opens. Will allow south bay cities direct access to Hollywood with out making the circuitous trip thru Los Angeles or Santa Monica. In Redondo, coast boulevard (PCH?) forms the link. Palos Verdes Blvd., which ran through Hollywood Riviera on Torrance side, also a part of the boulevard.

¹News clippings summarized in this section are contained within the "Hollywood Riviera" file compiled by Gloria Snyder. Ms. Snyder may be reached through the City of Redondo Beach, Preservation Commission.

- 6 Jan 1928 New subdivision adjoining Redondo Beach under way. Clifford Reid Co, Inc. plans to develop the 500 acres lying south of, and adjoining, Redondo Beach. Site joined on south by Torrance. Formerly part of the Huntington tract. Strongly supported by Redondo Beach Chamber of Commerce. Reid invited to speak to the Chamber on his development plans. Talk draws record attendance.
- 21 Jan 1928 First called "Hollywood Shores" then changed to "Hollywood Riviera." Includes a portion of land within city limits. Reid's plans reviewed by the Planning Commission. Plans will require the vacating of that portion of Esplanade between Avenues I and M. Malcolm Waddell serves as contractor to construct ornate, one-story sales office building. Built in a half square with a 3-story observation tower in the center. Has colonnade front and fountain in the court yard. Tract to open on February 18, 1928. Opening draws huge crowd. Mark Daniels serves as landscape architect and city planner. *Photograph of dedication ceremony.*
- 23 Feb 1928 Meeting held to discuss the future of the "bluff lots." Organized by the Clifton Advancement Association. Charles Henry Cheney (prominent city planner -- created plans for numerous cities including Palos Verdes, Santa Barbara, Riverside, Fresno, Alameda, Oakland, Los Angeles, and Portland, Oregon) also present to discuss curve of Esplanade and its intersection with Hollywood-Palos Verdes boulevard.

Following Cheney's talk, the real issue is introduced by Redondo mayor London who explains that Pacific Electric railway owns all beach frontage between bathhouse and Knob Hill. Proposes selling this land to Strong and Dickinson Co. who will in turn dedicate a part of the sand to the community and install walks and promenades. Objections raised when it is learned that S&D plans to build on the ocean side of the Redondo Beach city park and will allow for construction of buildings back of the present Esplanade property. Building in front of park will obstruct view from park which was established specifically for its view. Those owning property on the Esplanade also object to plans to block their views. "Among the most interested people opposed to the plan was Mr. Robert Frick, prominent Los Angeles attorney, who is prepared to fight any such action."

Presentation to Woman's Club: George Evans states that plans to sell property to S&D are supported by Chamber of Commerce, the Realty Board, and the City Planning Commission.

Plans for the S&D development and the Reid development raise the issue of zoning. The beach front, from the bathhouse to Knob Hill, is connected to the Clifford Reid development. Clifton Association votes unanimously to urge County Supervisors to continue with their plans to condemn the beach property for purposes of a park.

Charles Henry Cheney argues that Redondo must not sell its "birth right" but must "make concessions and yield the smaller desire to that of the greater good." Cheney calls Redondo the most "backward community in Southern California" in an effort to wake community up to the need to protect its beach-front from improper development. Argues that "only by using the sweep of the times as a swimmer uses the current, will the city keep its head above water." Clifford Reid Co. is purchaser of the Esplanade property. Cheney believes that the city should reach an agreement with S&D to develop that property and develop a common zoning plan with the city's help. Agrees with this park/beach plan but states that the County does not have the funds to proceed since they "were forced to buy a subdivision on Riverside boulevard which was destined to be made into a Negro settlement and which would have ruined this beach for any and all time." Cheney also opposed to the S&D plan and calls it a crime to back buildings up against Esplanade homes. Cheney frustrated with Redondo Beach voters who he believes had an opportunity to buy the beach property from the County at a low price, but who failed to respond quickly enough. Argues that only choice left for City is to buy frontage or let County move forward on condemnation and dedicate the use to a major park system. Cheney calls for Redondo Beach to stop its internal fighting and work on an over-all plan or else end up like "Humpty-Dumpty."²

- 28 Feb 1928 Clifton Reid seeks to relocate sewer from its current position just South of Avenue I where the waste runs directly into the sea. When Huntington owned the property, this was not an issue since no development plans existed. However, when sold to Reid, the need became more apparent. Reid also hopes to change the direction of Esplanade south of Avenue I.
- 1929 Laying of corner stone for Hollywood Riviera Beach Club. Opens 27 June 1931. Residents of Hollywood Riviera automatically become members but dues are required to use the swimming pool and to attend most events. Country Club to be deeded to the landowners along with 1000 feet of beach frontage. Club House contains large dining room where deluxe dinners cost \$1.25. Constructed by Clifford Reid and managed by his brother-in-law, Roy Stewart until 1942.
- 29 Nov 1929 First glider demonstration held on the hills behind Hollywood Riviera tract. Unfortunately, day selected for the meet has no on-shore wind. *Photograph of local pilots standing on airstrip which was located several miles north of the current Torrance Airport.* Gliders launched using a rubber shock cord.

²Cheney's involvement in this issue is not surprising. Beginning in approximately 1913 and continuing well into the 1940s, Cheney served as one of the nation's leading theorists in the modern city planning movement. Cheney's efforts to move the City of Redondo Beach toward the establishment of zoning controls reflected not only his desire to "protect" property values in his Palos Verdes development, but also his desire to expand the use of zoning in Southern California.

- 1 Dec 1929 30,000 attend **America's first major glider meet**. Held on Hollywood Riviera field.
- 4 Mch 1930 Ground-breaking ceremony for Club house. "The project, believed to be unique in the annals of western community development, represents a gift of virtually \$1,000,000 by the Reid organization to property owners of Hollywood Riviera," stated publicity. Organized as a co-operative, non-profit arrangement where director is authorized to operate the club for the benefit of the property owners. Club House serves as a focal point for the Hollywood Riviera development project. Reid hopes the area will appeal to "Hollywood types" and patterns his development after the French Riviera. Few movie stars or Hollywood people actually purchase, however. Plans hindered by Depression and by restrictive covenants which do not allow Jewish property ownership. This of course excluded Louis Mayer, Sam Goldwyn and many members of the Hollywood crowd.³ Spanish names given to the streets and building restrictions limited construction to the "Old World" style.
- 1937 Reid offers the Hollywood Riviera / Palos Verdes site as possible location for exposition planned by Los Angeles in 1942. Site contains 248 acres and was one of the smaller ones offered.
- 1940 Clifford Reid elected president of the Redondo Beach Chamber of Commerce and the South Bay Realty Board.
- 25 Jne 1942 A Cavalry Troop of the Reserve Unit, California State Guard stationed at Hollywood Riviera Stables. During WWII anti-aircraft guns are installed next to the clubhouse to help defend California's coastline. Club closes during the war but re-opens in the late 1940s.
- 2 Jly 1942 Hollywood Riviera Beach Club remodeled and reopened for business. Given a tropical atmosphere.
- 1945 *Advertisement for Hollywood Riviera lots by the W. Vaughn Scott Co. (Developers since 1921). 458 home sites available.*
- 1947 Reid sells his investment in Hollywood Riviera. Reid continues to live in his 6,700 square foot home on Via Monte D'Oro until his death in 1957.
- 1955 Portion of club washes away in storm.

³ It is interesting to note that Mayer later purchased a 144 acre ocean frontage site on the hills just outside of Redondo Beach, off Palos Verdes Parkway and west of PCH. In the long run, Mayer's purchase probably proved a greater financial success than Reid's Hollywood Riviera development. In 1954, this area, now a part of Torrance, was subdivided into 176 home sites. Charles E. DuBois served as architect for entire community.

- 1957 Portion of club washes away in storm.
- 1958 Fire destroys Club House. Because it sat on the border between Redondo and Torrance, the cities decide to construct a park on the site rather than rebuild. Now the site of Miramar Park.

NORTH REDONDO BEACH

The following material presents a summary of events related to the development of north Redondo Beach.¹ Like the summaries of Clifton-by-the-Sea and Hollywood Riviera, this summary is laid out in chronological order. However, because of the amount of material provided, and because of the need for a more detailed analysis of the area's development, this portion of the report has been divided into the following three sections which are consistent with the main body of the Context Statement: Early Development (1905-1923), New Economic Vitality (1923-1939), and World War II Expansion (1940-1950). Sub-headings, within each of the three principal sections, have also been utilized.

EARLY DEVELOPMENT 1905 - 1923

Peck and Carlson subdivide and develop Redondo Villa Tract property.

- 1905 Carlson becomes land developer for entire "Redondo Villa Tracts" owned by George Peck who originally purchased all of what is now North Redondo for \$30 an acre in the late 1880s. Carlson agrees to pay Peck \$20 for each lot. Peck will then transfer the deed or title of the land to the new purchaser. Carlson takes advantage of Huntington's purchase and development of the original Redondo Beach townsite. Just as the original town site experienced a week-long boom, so too did the property to the northeast. Many of the lots originally purchased for \$90 or \$100 sold for \$150 or \$200 within a few weeks.
- 1906 Carlson's Los Angeles Securities Company (located in the Garland Building at 124 S. Broadway Blvd, Los Angeles) acquires and subdivides 160 acres in the Redondo Villa Tract. This is in addition to the 3700 lots already contracted for in this northern area. Possible to purchase a lot for only \$4 down, \$4 per month for a lot costing a total of \$90. Lots are generally 100' x 60'. Carlson offers free rides to Redondo every day by electric line every 20 minutes. Those interested can pick-up their free electric railroad tickets from his office.

In one advertisement Carlson recognizes his debt to Huntington when he states:

To Caesar she (nature) gave Mark Anthony and

¹News clippings summarized in this section are contained within the "North Redondo Beach" file compiled by Gloria Snyder. Ms. Snyder may be reached through the City of Redondo Beach, Preservation Commission.

Labienus, to Napoleon, Lebefore and Ney, to Washington, Knox and Hamilton, and in our day in quite a different sphere she has given to Redondo Beach H. E. Huntington, Southern California's greatest financier, capitalist and captain of industry .
(Snyder 1, 26 July 1981)

1907 Redondo Villa Tract 'B' opens for development. Today, half of the original area is within the city of Redondo Beach. The western half now a part of Manhattan Beach. Original boundaries of the eastern portion of the tract are roughly defined by Artesia and Manhattan Beach, Vail and Aviation.

Carlson gears his sales pitch to those living in the Los Angeles area as well as those living as far away as the eastern states. For those traveling from the east, Carlson offers special deals to help cover travel costs. Once in the Los Angeles area, prospective buyers can take advantage of the free rides to Redondo on the electric line. In addition to offering travel incentives, Carlson also promises that "If at the expiration of one year from purchase this \$90 lot is not worth \$112.50, or 25 per cent increase, based on the price at which our corps of salesmen will then be selling similar lot, we will refund all of the money you have paid us, with 6 percent interest additional."

Carlson advertises the area as "ideal for the poultry business" since the climate was mild and, with its close proximity to established urban areas, the availability of labor offers profitable returns on investment as well as easy access to both rail and shipping lines. If additional investment capital is necessary, Carlson states that one need look no further than Los Angeles and its 12 commercial banks. Carlson repeatedly emphasizes the close the relationship between his Villa Tract development and the original Redondo Beach original township to the south.

Carlson's Los Angeles and Orient Railway.

1907 Carlson expands his holdings through the purchase of 407 lots in Hermosa and 25.25 acres of residential property in Shakespeare and Manhattan from the partnership of Burbank and Baker. In addition to land, Carlson's purchase includes water lines, sewer lines, buildings and public walks in a huge tract of land which extends from the western edge of Redondo Villa Tract to the Hermosa ocean front. In one 1907 interview Carlson states "I believe in the future of Los angles and it is closely connected with Redondo, Hermosa and the beach places in this district. It will be only a short time before that seashore is a portion of the Greater Los Angeles. The section is growing and I believe that Redondo will have a population of 30,000 within three years." (Snyder 1, 7 March 1907)

1908 In 1908 Carlson makes a bold and financially risky move to link his Redondo and Hermosa holdings by building an intra-development electric rail line. Within three months of the announcement of these plans however, comes word that Carlson's Los Angeles Securities Company has been placed under the charge of the State Bank Commissioners. Apparently, the great panic of 1907 had affected Carlson more than he had indicated to his investors. Once his financial difficulties become public, creditors move quickly to place attachments on every article of value that can be located within the Villa Tract, including automobiles, horses, hay and wood. Carlson's largest creditors in Redondo include the Redondo Hardware Company, The Breeze Publishing Company, the Redondo Milling Company, George S. Funk & Son, and J. F. Reber & Co.

While no mention of railway equipment is made in early creditor lists, Carlson has already started to lay lines at the time of the Commissioner's take-over. His Port Orient rail comes under attack from city authorities in Hermosa Beach who demand that Carlson tear up all rails and ties since he has failed to obtain the proper franchise agreements and is in essence a trespasser.

1909 Carlson reaches a tentative agreement with the city of Hermosa and announces the opening of his Port Orient Railway which runs from the "Culler station" to the Hermosa City Park. Residents living in his tract rode for free.² Later, in December, Carlson adjusts his route to include only a portion of Hermosa and redefines the terminus as Manhattan Beach.

1910 Unfortunately for residents of the Redondo Villa Tract who rely on Carlson's Port Orient railway as their primary link with surrounding communities, the railway lasts little more than a year. In 1910, representatives of Huntington's Los Angeles Pacific Railway investigate the possibility of moving into the territory held by the Los Angeles and Redondo railway. This area includes the right of way formerly owned by the defunct Port Orient and Los Angeles railway company. Residents of the Redondo Villa Tract look with favor on move, especially since Hermosa Beach would serve as the new termination point.

Carlson out of the picture - Redondo Villa Tract residents on their own.

Carlson's removal spurs interest in the definition of a community identity and, unlike the original settlement area, an earlier rejection of support from absentee

²The Port Orient Railway appears to only run through areas of the Carlson holdings which are now in Hermosa Beach. This line also appears to be separate from the street car line laid by Carlson in 1905-1906 to move prospective purchasers through the eastern portions of his Redondo Villa Tract. A small drawing of this street car, which was acquired following the San Francisco earthquake in 1905 appears in one of his advertisements for the tract.

investment interests.

Despite adverse conditions for expansion, residents of the Redondo Villa Tract continue to develop their property. Residents moved quickly to secure their interests in their property. For most, this means the immediate payment of \$20 for each lot held. As middle-man between Peck and the individual purchasers of lots, Carlson had failed to pass on to Peck, the \$20 down payment paid by each lot holder. As a result, residents of the Redondo Villa Tract find themselves paying the \$20 twice in order to secure title to their land.

Immediately following this drain, the Hermosa Water Co. announces plans to increase rates 300 per cent. In response, residents organize a co-operative stock company for the purpose of purchasing a set of well drilling tools and putting down wells. Two residents who already have wells and wind mills offer to supply water to their neighbors for domestic use in the event the Water Co. moves to shut off their supply to the community.

Spineless Cactus cultivation.

Viewed as a possible element in the north Redondo local economy. Cultivation of the "Spineless Cactus" promoted as an inexpensive cattle feed. Colony structure serves as an impetus for further residential / rural development in the area.

1908 Credit for the development of the first viable spineless cactus is given to Luthor Burbank. However, in 1908, F. P. Hosp of Riverside publicly announces that he had in fact developed at least four varieties of "Spineless Cactus" in his Riverside garden. Hosp argues that the cactus has grown in Italy for years and that its fruits commonly appear in markets. Hosp states that a specimen has also grown in the gardens of the Santa Fe Rail company at Santa Ana since 1898. According to Hosp, he provided specimens to a plant collector of the U.S. Pomological Bureau who then passed it on to Burbank. Hosp offers little support for the potential of cactus as cattle feed.

As far as the value of the spineless cactus for stock feed is concerned much has been printed in the papers that is nonsensical. There is but small nourishment in it even though animals eat it, and since it has been deprived of the protection furnished by nature, vez., its spine, stock turned loose upon a field of it would make an end of it. (Snyder 1, 9 Jan 1908)

1910 Such statements did little to deter hope in the potential marketability of the Spineless Cactus. In 1910, advertisements for the "Ocean Villa Intensive Farming Colony" begin to appear in local newspapers. Carved out of the original Carlson holdings near Belvedere in the Grant School district, the colony specializes in the growing of spineless cactus, herbs, chrysanthemums and gladiolus. Aggressive promotion of the colony's principal product (spineless cactus) as well as its land holdings provides a unique and exotic aspect to this project and to the entire community.

Advertisements highlight a number of positive features of the Colony including its close proximity to Los Angeles, its oiled road and the fact that each lot comes with a pre-drilled and active well. Many of the lots have already been planted with choice varieties of spineless cactus and gladiolus. Project developers guarantee that cultivation of the cactus alone will pay back the purchase price of any lot. House plans are also available for the construction of a modest residence ranging in price from \$45 to \$75. An ingenious and economical feature of these plans is the combination sleeping porch and living room. Those interested in investigating the proposal are asked to contact J.P. Luxford and W. H. Sexsmith in the Redondo Beach office located at 121 S. Pacific Avenue or the Ocean Villa Cactus Colony office located in the Marsh-Strong Building in Los Angeles. Automobiles are available to transport potential investors from either office site.

1914 Four years after the original advertisements for the Colony, the Ocean Villa Intensive Farming Colony announces the formal opening of its community. Chartered Pacific Electric cars bring city guests as far as Belvedere from which point autos convey the passengers to the tract to view the property and to sample a variety of delicacies including cactus spread, cactus on ice, and cactus salad.

Purchasers of the Colony property have the option of either marketing their crops themselves, or joining the Colony's co-operative partnership which provides help in the marketing of their product, and of course, shares fifty per cent of their profits (Snyder 1, 27 November 1914).

Establishment of poultry farms.

1914 While some what less exotic than cactus farming, poultry operations offer the Redondo Villa community another alternative to water-intensive farming. In 1914, C. R. Clifton establishes a large operation at the corner of Longfellow Avenue and Il Camino Real, approximately two and a half miles north of the original Redondo Beach settlement. Sixteen large poultry houses are constructed to accommodate several thousand chicks on a site named the "Villa Charles Sumner."

Civic development in north Redondo.

- 1908 **Grant School.** A school house is constructed within the Grant district to replace a former temporary structure for the community's 23 students. In a letter to the Redondo Reflex editor, community leaders proudly point to their plans for a \$3,500 school house as evidence that they are "bound to grow in spite of all opposition." (Snyder 1, 17 September 1908) Two years later, the newly constructed building served as the site for the graduation of three students.³
- 1914 By 1914, it is clear that the small rural community located in the Redondo Villa Tract had not only survived its early financial crisis but has continued to grow. In response to the needs of the expanding community, residents of the Redondo Villa Tract vote in favor of bonds amounting to \$5,500 for the construction of a new elementary school on the grounds of the existing Grant school. Supporters of the bond issue organize automobiles and wagons to carry voters to the polls. At the close of the day, 107 people have voted, of which 94 are in favor of the bonds. Later that year, the community turns out in force for the graduation of five students from its newly furnished school. The entire student body in 1914 consists of seventy-seven pupils who attend classes in four rooms.
- 1918 The community forms its first **Grant School Parent Teacher Association.** Within a year the association has organized an improvement program which calls for the sale of \$10,000 in bonds. Funds received from the sale of these bonds are ear-marked for the construction of a 150 seat auditorium, an additional classroom and an enlarged playground area. (Snyder 1, 13 June 1919)
- 1922 In 1922, the PTA once again rallies to organize yet another bond issue, this time in the amount of \$30,00 for the construction of a new building to be located in front of the existing school structure. The need for a new and expanded school reflects the growth which the entire community has experienced since the founding of the school twelve years earlier in 1908. ⁴

³Two members of the graduating class included Eva and Orville Meadows, children of newly-elected school Board Member J.H. Meadows. In 1911, Meadows formed a real estate partnership with M.M. Holmes and established an office on Gould Avenue. From this point forward, Meadows played a prominent role in the formation of the young community.

⁴ The headline for this article, "P.T.A. Organized at Grant School," implies that a PTA did not exist for the Grant School district prior to this date. This is not accurate since earlier news reports indicate that the first PTA organized in 1918. Officers selected during the 1922 elections included Mrs. Redding, president; Mrs. Jim Hay, vice-president; Mrs. Hartman, secretary-treasurer; Mrs. Mack, chair of the entertainment committee with Miss E. Frank and Miss Vivian I. Pillard, teachers in the Grant school as assistants; Mrs. White, chair of the membership committee with Mrs. J.N. Stewart, Mrs. May Goddard, Mrs. Rutledge and Mrs. Sallie Lilly as assistants. (Snyder 1, 28 April 1922)

1922 **Grant Community Church.** The expansion of the Redondo Villa Tract community is also evidenced in the dedication of the Grant Community Church. This appears to be the area's first church and like the area's school and businesses, is located in the Grant district. In addition to services, a Sunday school is also organized for resident children. (Snyder 1, 23 June 1922)

Community Builders - local business development, the "Improvement Association" and the "Ladies Circle."

1911 The development of Gould Avenue (Artesia) as the principal business district for the north Redondo community begins in approximately 1911. The first reference to the establishment of a business along this route appears in an article in the Redondo Breeze dated March 16, 1911 which notes the establishment of a real estate office in the Grant School area of Gould Ave. by one of the area's leading citizens, J. H. Meadows. In the following year Charles Snyder establishes a grocery store. (Snyder 1, 16 March 1911)

1912 A community "**Improvement Association**" forms. Officers for the new organization represent local community builders including Charles L. Merrill, president; J. H. Meadows, treasurer; and W. H. Kortz, secretary. While similar to a chamber of commerce which focuses on the promotion of commercial interests, the Improvement Association expands this focus to include, in their words, "the forging of a prosperous future, making every necessary improvement relative to the community's welfare and building up the Villa Tract in every way possible."

At the urging of both the Improvement Association and the editors of the Redondo Reflex, the women form the **Ladies' Circle** which meets regularly at the home of Mrs. W. H. Kotz and seeks ways of "voicing their newly acquired right to vote in a positive and progressive manner. (Snyder 1, 2 May 1912)

Early annexation movement.

1912 The desire for a community identity is evident as early as 1912 when boosters somewhat half-heartedly suggest the creation of a townsite and the erection of a city hall. Such plans never materialize, especially when it becomes clear that the site chosen for the structure is already in use as the Grant School playground (Snyder 1, 20 September 1912). While few take these early efforts to create a separate town site seriously, the underlying desire to create and promote a community remains evident well into the post-war period.

1913-1917 The formation of the Improvement Association coincides with a growing interest in and the sale of property within the Redondo Villa Tract area. From 1912 until the beginning of World War I in 1917, this area experiences considerable growth which in turn leads to the first call for annexation in 1913. One article published August 1, 1913 sums up the activity:

More prosperity is evident at the Villa Tact than any surrounding place, it would seem from the number of new houses that are at present going up. Not less than eight or ten houses are now in the course of construction. There are about 200 people living on the Villa Tract. It is time that Redondo Beach annexed this territory. (Snyder 1, 1 August 1913)

Four years after this editorial appears annexation becomes a ballot item for Redondo Villa Tract voters. On October 26, 1917, by a vote of 124 to 44 the voters of the "eastern annexation district" turn down the proposition to annex itself to Redondo Beach. The importance of this issue is evidenced by the fact that practically all of the 170 registered voters of the district go to the polls.⁵

Leading the crusade against annexation are the combined interests of the area's larger land owners who fear increased taxation. Residents of the original Redondo Beach townsite express annoyance over the decision to reject annexation since many believe that ties with their northern neighbors would not only expand and strengthen the entire community, but would also provide an expanded revenue base for the maintenance of the Redondo Beach harbor which they believe unfairly benefits the large land holders of the annexation area.

Following the decision to reject annexation, boosters living within the Villa Tract areas continue their efforts to define and promote their community.

1917-1920 Immediately following World War I two new community booster organizations form in an effort to move north Redondo away from its rural economy toward a more urban future. The first is the **Grant District Civic Society**. The **Villa Tract Chamber of Commerce** is the second organization to form and represents the area's expanding commercial and real estate interests.

1920 The Grant District Civic Society makes its public debut by raising the controversial issue of establishing a street lighting system for the Redondo Villa

⁵A news article published at the time of the vote defines the "eastern annexation district" as "a strip of land east of Redondo Beach and Hermosa Beach of about seven and a half square miles in size. This territory included the Villa Tract, Meadow Park, Perry, Belvidere and the Dominguez rancho." (Snyder 1, 26 October 1917).

Tract. Property owners holding large sections of farming or unimproved acreage uniformly oppose this plan for essentially the same reason they had opposed annexation efforts. Fearing a disproportionate increase in their property taxes, these owners succeed in voting the proposition down. Undaunted, the Civic Society then introduces several more plans designed to modernize and partially urbanize their area. These plans include the modernization of road surfaces and the rejuvenation of efforts to establish a local water pumping station in an effort to remove the area from the control of the Hermosa Water Company.

1921 The road resurfacing plan becomes a reality. By working closely with the Redondo City Council, City Engineer and Los Angeles County Supervisors, the Grant Civic Society succeeds in obtaining the funds necessary to resurface the famous "Hermosa wash-board" on Camino Real. This is a great triumph for the Society since this highway serves as the primary link for the Redondo Villa Tract to neighboring Redondo Beach and Los Angeles. Later that year, ties to Redondo Beach are strengthened further when that city completes an extension of Beryl Street to connect with the Riverside-Redondo Boulevard (190th).

1921 also marked the first major fund-raising event held by the Villa Tract Chamber of Commerce. Set to the theme of a "County Fair" and centered around the highly visible Villa Tract arch, this event provides the funds necessary for the Chamber to begin its work on the construction of a community club house on one of several lots owned by the Chamber adjacent to the arch. News articles describing these plans state:

The association has been holding meetings in the assembly room of the Grant School house and the new building is planned to take care of any public or community entertainments. Dances and social gatherings such as have been a feature of the association's gatherings will be held there.⁶

It will be the aim of the members to keep the club house always open for the use of the public. A motion picture machine will be numbered among the many modern features that will be embodied. The building will occupy a very sightly location near the arch and that it will be a decided acquisition to the thriving community adjacent is a foregone conclusion. (Snyder

⁶ Officers of this organization, which appears to have formed in approximately 1920, included W. L. Barnard, president; W.F. Howard, vice-president; Mrs. Keller, secretary; and Mrs Fertaine, treasurer. Snyder 1, 14 October 1921.

1, 9 September 1921)

- 1922 When finally completed in 1922, the new stucco Club House serves as both the home for the Chamber of Commerce and as a community center. With its large dance hall, dining room and stage, demand for the Chamber of Commerce building is immediate by a community eager to host concerts, dances and lectures. Spurred on by the success of their building campaign, the 150 members of the Chamber quickly adopt plans for a community-wide improvement program which includes a drive for better gas, more water and better roads. They also renew the discussion of incorporating the Villa Tract as a separate city. (Snyder 1, 28 July 1922)

Oil speculation results in land boom in north Redondo.

- 1908-1920 From approximately 1908 through the first few years following World War I, lot sales in the North Redondo area continue to grow at a steady rate. As the community grows, the area immediately surrounding Grant School slowly emerges as the community's commercial and social core. Despite these changes, the rural composition which characterize the Redondo Villa Tract remains essentially unchanged. As a result, local boosters find it difficult to gain widespread support for their plans to modernize and partially urbanize their community. This trend continues until the early 1920s when one very important factor -- the discover of oil in surrounding areas -- results in a land boom.
- 1920 On the 27th of February, 1920 J. D. Millar of the Interstate Realty Company of Los Angeles announces his purchase of 2,300 acres within the Villa Tract from the Peck and Newmark interests. Following his purchase, Millar immediately employs a geologist to survey the land for oil. He also subdivides his property into "Redondo Oil Lots" and formes the "Redondo Oil and Land Company" in order to begin formal prospecting for oil. A growing sense of anticipation results as the surrounding community closely watches Millar's project. (Snyder 1, 27 February 1920)
- 1921 Within a year of Millar's purchase, practically all land from Riverside boulevard (190th) south to San Pedro boulevard and from Redondo to Torrance has been leased for oil exploration and production. News articles from the period report that most of these leases are held by large companies. The first promising signs occur on December 9, 1921 when Santa Fe well No. 1 begins to flow. Located at the far southeastern corner of the present-day North Redondo area, this well offers strong incentive for the purchase and sale of property located within the eastern section of the Redondo Villa Tract. (Snyder 1, 9 December 1921)

**CULTURAL CONSOLIDATION
AND THE SEARCH FOR NEW ECONOMIC VITALITY
1923 - 1939**

Commercial development.

1923 New filling station opens in Villa Tract January 24, 1923.

In addition to home building activities the Riverside-Redondo blvd. promises to be a coming business section and the past few months have seen the establishment of several new gasoline stations, stores and at least one new industry. Lots on the boulevard have doubled in value in the past 6 months and realty experts see further phenomenal advances in the value of the boulevard lots. (Snyder 1, 1 May 1924)

Long Horn Inn opens. Advertisements describe it as "A First Class Cafe, Mammy Cloe Famous Southern Chicken Dinners, Music, Dance. Quarter mile from Grant School on Redondo Blvd." Two months after opening, Inn is raided by members of the dry squad from the district attorney's office in LA. Two arrested for possession of liquor. (Snyder 1, 8 Aug. 1923 and 9 Nov 1923.)

Civic development continues.

1923 **Grant School.** Attendance in 1923 reaches 185. School is growing in both numbers of students and buildings. \$195,00 in bonds are approved for work in Redondo, Hermosa, Grant, Manhattan and Perry school districts.

Adoption of zoning regulations and community planning.

31 Oct 1924 Widening of Redondo (Aviation) Blvd. between Grant School and Pier Ave.

6 Jan 1926 Chamber fights development of Hog Ranch. Successful in convincing County Board of Supervises to revoke permit. Chamber also hears and approves plans by county to form strip of parks which would include portion of Redondo-Riverside Blvd., the "Negro Slough district," and 120 acres west of the south extension of Catalina Ave from Ave. I to Palos Verdes line, including beach frontage up to the bathhouse. Charles Henry Cheney is one of the presenters for

the county. All property within city limits to become city property.

Renewed annexation movement caused by street improvement proposal.

- 6 Nov 1925 First move by large property owners to pave all streets in Redondo Villa Tract. Chamber of Commerce calls meeting to discuss community options.
- 6 Jan 1926 Chamber forms annexation committee to approach city of Hermosa Beach.
- 7 Jan 1926 Hermosa City Council hears proposal to annex Redondo Villa Tract and Grant District. Receives petition favoring annexation. Council decides to hold special election on matter.
- 19 Feb 1926 Villa Tract Chamber in favor of annexation since it will result in increased police and fire protection. Will include area east of Hermosa up to Santa Fe right of way.

The tract will be given an identity of real value, the petitioners urge, in the annexation instead of remaining an isolated country tract of no definite identity." Villa Tract is a beautifully rolling country, with unsurpassed view and excellent soil, making ideal homesite, where modern improvements are obtainable, and those in favor of the annexation are firm in the belief that the move will be a very advantageous one by way of encouraging new developments. (Snyder 1, 22 Feb. 1926)

- 26 Feb 1926 "Annexationists Lose in Villa Tract." Project is beaten 185 to 15. Main objection is the ambiguity over taxes. Area is growing and residents fear increase in school taxes for growing children population. Chamber claims many votes illegal and will renew campaign.

Residential development - closely tied to oil development.

- 26 Feb 1923 Vail Ranch, at intersection of Riverside Blvd and Culler's Crossing, a few miles northeast of Redondo, is subdivided. 92 acres purchased by George Bates, an investor in Los Angeles. W.W. Daune of the Villa Tract will serve as real estate agent.
- 1 May 1924 "Villa Tract is showing activity - Hermosa Oil Wells said to be responsible for

boom. New houses, most of them of four and five-room construction, have been or are being constructed in almost every section of the tract and the water company has received a record number of applications for water connections."

A new era of activity in the Redondo Villa Tract is substantiated by water company who is providing hook-ups for the large number of homes being built in the area. Residents of Villa Tract see this as an indication of a sudden awakening of interest in their area. Vail Ranch increases price of several hundred lots in response and withdraws half from the residential market in response to discovery of oil.

17 May 1924 Opening of "Lilliandale" a subdivision located at the junction of Hawthorne and Redondo Blvd. (190th). Developer (Economy Home Builders, 1310 S. Hill St., L.A.) gives away a \$2,500 home free. Local agent is G.H. Belknap, 327 Diamond St, Redondo. *Large advertisement.*⁷

27 Feb 1926 "Interest Keen over oil well," states one newspaper. The article continues:

Real estate dealers have been busy lining up ground in the district, where oil operators are said to be buying every available tract. The Villa Tract has for a number of years been a source of speculation as regards oil production, and many experts believe the Hermosa field as the territory is called, to be the next big oil field....since the oil has been found pouring from under the cap hundreds of people have visited the well daily. (Manhattan-Pacific oil well on Gould in the present city of Hermosa.)

12 Nov 1926 Although the Hermosa-Redondo water co. has been able to keep up with new construction demand in Redondo Beach, it is having difficulty in Redondo Villa Tract. Up to this point, Villa Tract customers were serviced adequately, but with increased demand, water co. installs a new line and pumping facility capable of pumping much larger amounts of water. News article describing building boom states:

This improved water service [in turn] has resulted in an enlarged building program in Redondo Villa Tract and continued increasing growth, with probable increase in property values there, is expected by those

⁷Is not clear whether this subdivision is located today in north Redondo or to the south in Torrance. Description of location in advertisement indicates it is in Torrance.

well acquainted with the possibilities of the district.

Events leading up to annexation of north Redondo: Growing Together.

1926 - 1929 **Search for Oil.** Oil exploration occurs within Villa Tract. "It is believed that a well-defined pool of oil will be found under the central portion of the Tract." ["Will drill for oil in Redondo Villa Tract". 23 Sept 1927]

7 Oct 1927 "Villa Tract Land Prices Booming," states article.

Real estate activity in the Redondo Villa Tract is fast assuming the proportions of a boom with the prospect of oil being discovered there within the next few weeks. Prices are mounting steadily skyward with no end in sight. Two lots which sold two months ago for \$800 were resold last week for \$1600, an increase of 100 per cent. Yesterday they were priced at \$2600 and the owner was confident they would be sold before nightfall. This is only a single instance of what is going on in the vicinity of Gates and Vail streets where oil is being drilled for.

29 Oct 1927 "Oil operators are watching test well drilling in Redondo Villa Tract." Article continues:

Real estate men are the only ones so far to profit by the flurry of excitement in the Tract and they are letting no grass grow under their feet. A number of field offices have sprung into existence during the past few weeks and the section is experiencing something in the way of a boom.

15 Mch 1929 A new field opens to the east of the Redondo Villa Tract in the Lawndale area. Exploration in this area revitalizes speculation that the largest oil field is to the south of Lawndale rather than further east. Rumors generated by real estate men abound that an extension in the southerly direction will soon take in the Redondo Villa Tract.

1928 **Golden State Fireworks Manufacturing and Display Company.** Patrick Lizza who moves to Redondo Villa Tract from Pennsylvania where he served as president of the Continental Fireworks Manufacturing Co. Establishes the Golden State Fireworks Manufacturing and Display Company at 1537 Stoutenborough

Lane. Only one of its kind in California. Makes move to be closer to his major west coast customers who include the California State Fair at Sacramento, The Los Angeles County Fair at Pomona, the Tulare county fair, etc. Brings in specially trained workers from New York, New Jersey and Chicago. Also moves here to respond to the growing need for special effects from film industry.

Annexation of north Redondo.

1927 168 sign petition to annex Villa Tract to Redondo Beach. Move for annexation organized by Chamber in response to plans to pave 64 miles of Villa Tract streets. Estimated cost of paving is 1.5 million or 2.5 times assessed value of individual property. Paving program being advanced by "Los Angeles interests who own 37% of property in Villa Tract and who purchased in response to oil speculation but now seek to pursue residential development. Viewed by residents and Chamber as a "real estate promotion scheme, fostered by certain corporations, with the idea of boosting the price of lots which they plan to put on resale with high pressure methods and not for the purpose of promoting the interests of the resident population or the general public." Chamber argues that "a wealthy Los Angeles banker who has vast holdings in the disputed territory is behind the paving project which is being foisted upon the Redondo Villa Tract." Later identified as Carlin G. Smith

Redondo Beach Chamber works closely with Villa Tract Chamber to organize successful campaign. Advantages to annexation: will mean Villa Tract residents will have full ownership rights of 7-acre park, 23-acre sewer farm, a mile of ocean beach frontage, a city hall, a library with 17,000 volumes, a fire station and equipment, a Chamber of Commerce building, a band stand and a city supply yards at North Redondo and Gertruda Ave. Redondo Villa Tract Chamber becomes member of Redondo Beach Chamber three days after the election.

12 Aug 1927 Article in favor of annexation states:

The district is a sparsely settled, rural community, devoted chiefly to gardening and small ranching purposes. The Residents of said tracts consist largely of elderly persons, whose earning capacity has ceased, and working men, many of whom are at present out of employment. Most of these people have settled on these inexpensive and unrestricted lots mainly with the thought of escaping excessive taxation and assessments. The levying of this exorbitant assessment under present economic conditions would be an

oppressive burden on practically all of the resident population, and in many instances would amount to confiscation of the people's homes, which are their only possession.

Oil drilling has a feature position in the annexation campaign. Chamber presents idea of Villa Tract as Redondo's future industrial manufacturing site especially for those companies manufacturing marine equipment. Chamber combats rumors that annexation will mean the end of future oil exploration in area. Assures residents that current oil production ban in place in Redondo Beach will not be extended to include their area once annexed.

20 Sept 1927 Annexation vote. Population in north Redondo area more than 2000. Wins by a majority of only 13 votes, 443 voted, 226 in favor, 213 opposed. Grant district opposes annexation. More than 90% of eligible voters cast their ballots.

23 Sept 1927 "Prominent men declare Villa Tract annexation will mean much to entire community."

It is by far the greatest thing that has ever happened to this city, declared Henry C. Froude, president of the Redondo Beach Chamber of Commerce. Redondo Beach needed just such a victory to make it realize the power of co-operation. Every department, the board of trustees, the realty board, the Villa Tract annexation committee and the Chamber of Commerce fought shoulder to shoulder on this proposition and they won. It was a hard struggle, but their efforts -- their combined efforts -- were amply rewarded.

1928 Los Angeles commercial interests file suit in opposition to annexation. Seek to reverse decision. Chamber of Commerce vows to fight to the highest court.

1931 Redondo Beach City Attorney reports to the council that the last obstacle to the complete and definite annexation of the Villa Tract has been removed. City Attorney is referring to several lawsuits which have been brought by property owners in the Villa Tract challenging the annexation process.

Civic developments following annexation.

1930 **School construction financed with federal funds.** In 1930, Grant School expands once again with the construction of a new Kindergarten, a Domestic

Science room, and basement showers. Community support for this work indicates the growing need for school facilities in the northern section of the city. Attendance during the dedication ceremony for the new structure is so large in fact that the entire auditorium and a class room are required.

10 Mch 1933 Long Beach earthquake, magnitude of 6.2, strikes the Southern California area. Destroys the Grant School structures containing the auditorium and class rooms for first and second grade. Following the quake, tents are erected on the school grounds and classes resume.

19 Jan 1934 *Photograph of tent facilities at Grant School following 1933 earthquake.*

2 Nov 1934 Demolition of the auditorium and elementary school building by SERA workers. Plans made for the construction of a new \$35,000 structure. However, actual construction is delayed by the collapse of the bond market and the school district's inability to sell bonds approved by the residents.

1935 Portion of Grant School District not within the Redondo Beach City limits annexed to the Manhattan school district. Move made primarily to relieve overcrowding in Grant School.

1935 -1936 Following the annexation of a portion of the Grant School district, the Redondo Beach board of education submits an application for \$75,000 in state and federal funds to finance the erection of a new school house. The need for this application, made to the State Emergency Relief Association and the Federal Public Works Association, becomes apparent when the bonds previously approved by voters become void once a portion of the school district is annexed to Manhattan. In 1936, Grant School official receive word that they will indeed receive Federal WPA funding. Within nine months construction on the new Grant School is completed. At the time of its dedication, Grant School has a total enrollment of 397 students. As school enrollment increases, so too does the demand for further building construction. Through the further aid of PWA funds and labor, a new cafeteria and auditorium is built at the Grant School.

Roads, infrastructure and civic improvements in north Redondo.

19 July 1929 The Redondo City Council states its intention to move forward with plans to begin work on improvements promised to the northern area residents during the annexation campaign. Improvements include the resurfacing of many roads in the Redondo Villa area, the construction of a fire station and the establishment of a

branch library.⁸

- 5 Dec 1930 **Villa Tract Pump Station No. 12.** The California Water Service company dedicates its new Pump Station No. 12. Located on Blossom Street, one and a half blocks north of Redondo-Riverside Boulevard (Artesia Blvd.), the new pump station is hailed as "the most artistic improvement constructed in the Villa Tract section to date." Site selection, building design and construction are all performed by the Public Works Engineering Corporation. William O. Wilkins of Redondo Beach serves as contractor. "Although small, great care is taken in the attention to the architectural detailing of this building. Ornamental green scroll work and three large flower boxes adorn this small Mission-style building. Inside, pumping equipment moves water through newly-laid lines from the Hermosa reservoir to the surrounding community. More than a pump house, this building offers testimony to the future growth and prosperity of the Redondo Villa Tract and its newly established identity as a member of the Redondo Beach community." [*Photograph.*]
- 1934 Residents of the Redondo Villa Tract protest the inadequacy of municipal improvements made in their area. As with earlier city-improvement efforts, the Grant Civic League (now called the Grant Community League) leads the call for increased police protection, the expansion of city sewer service, and the establishment of a community hall. As a result of efforts by the Grant Community League and other local organizations, a series of improvements are made in the north Redondo area utilizing city, state and federal funds. Extensive re-shaping of the area limited by the Great Depression and results in at least one instance of ill-will as residents of north Redondo compete with other areas of the city for scarce municipal funds.
- 11 Jan 1935 **Street improvements and repaving in north Redondo.** The Redondo Beach City Council instructs its City Engineer to prepare an application to the State Emergency Relief Association (SERA) requesting \$6,500 to \$7,500 in street improvement funds.
- 1939 Following the April elections in 1939, funding disputes reach a dangerous high as rumors begin to circulate that north Redondo Beach might secede from the city and incorporate as a separate area. This movement subsides within a year however, as the entire city focuses its attention on the war in Europe.
- 18 Sept 1931 **Romanian Society** of Redondo Beach purchases a lot within the Villa Tract and

⁸ In 1930, the Redondo Beach Library Board and the Public Properties, Piers and Parks Committee are directed to arrange for the conversion of a city-owned building located in the Villa Tract area in order to house the new library branch. (Snyder 1, 2 May 1930)

in order to construct a clubhouse. The site is located on Grant Boulevard between Rindge Lane and Slauson Avenue. News articles published at the time of this purchase state that "many Roumanians live in the Villa Tract and will appreciate a meeting place for their business meetings and social gatherings."

Following the Long Beach earthquake in 1933, the Romanian Society Club House also serves as the meeting site for the Grant School PTA until the new North Redondo Community Hall can be constructed.

16 Mch 1934 Construction of a new **North Redondo Beach Community Club House**. Club House is located within the new "Shore Acres" sub-division somewhere near the junction of Mathews and Phelan lanes.

Demand for the new Community Hall is immediate. As a result, scheduling becomes an issue as a variety of north Redondo civic organizations attempted to reserve time. Redondo Beach City Council votes to open Hall to any social organization from area. Scheduling issue arises after Shore Acres Improvement Association asserts that they were required to pay a use fee while Grant Community League is allowed to use site free of charge. The Hall also serves as the meeting house for the Grant PTA and the Redondo Beach High School night school.

1935-1938 **North Redondo Fire Station**. Tentative sketches of a new fire station are approved by the Redondo Beach City Council. The building itself requires a total city expenditure of approximately \$1,500 for materials. Labor is to be provided through the Federal PWA program. Construction on the new station begins once the city purchases a lot located at 2021 Redondo Beach Boulevard. In 1938, the station opens for business.

1934 **Concentration of business on Riverside-Redondo Blvd.** *Photograph showing Bill Valenzuela's Filling Station located at junction of Ford and Pier (Aviation).*

Residential development in north Redondo.

1 June 1934 First reference to the Shore Acres sub-division created by the Home Extension Association. Located near the junction of Mathews and Phelan Lanes. This housing project includes a co-operative market site where residents of Shore Acres sell produce raised on their property. Each Saturday residents sell flowers, fresh vegetables, fruits, eggs, chickens and even canaries to the surrounding communities. The market site includes a market house which is 300 feet long and parking space for automobiles. Community also organizes a Shore Acres Improvement Association within first year of settlement.

Photographs of family plowing site located near Mathews and Blossom in the 1930s. Photograph of Mrs. Merrill in her yard located near Mathews and Blossom.

- 20 Aug. 1937 **Exclusionary zoning.** The trend for sub-division of the north Redondo area continues with a recommendation from the City Planning Commission that the area known as "Villa Tract No. 2" be rezoned from "unlimited industrial to suburban uses." This recommendation made in response to a petition submitted earlier that year to the City Council which noted the increasing residential nature of that area and requested that land-use laws reflect the change. The district affected by the approved rezoning includes the territory from Redondo Beach Boulevard (Artesia) to Robinson Street, and from Inglewood Avenue to Vail Avenue.

WORLD WAR II EXPANSION 1940 - 1950

Industrial / Commercial Developments.

- 9 Feb 1940 On the night of February 9, 1940, the sound of loud explosions, bright lights and breaking glass resounds through the neighborhood located near Meyer and High lanes. The **Golden State Fireworks Manufacturing Company** has exploded. As the underground powder kegs ignite, the earth shakes. "The experience was beautiful, exciting and scary, and I will never forget the night of the blazing skies and red rockets," states one resident. (Snyder 1, 19 May 1994)
- 1941 After considering relocating outside the city, the fireworks company decides instead to rebuild on their north Redondo site. This the city allows and during the war the company produces 103 million, 20 millimeter shells for the War Department (Snyder 1, 4 February 1947).
- 1945 **Burst of local commercial operations along Redondo Beach (Artesia) Boulevard.** The area of Redondo Beach Boulevard between Aviation Boulevard and Rindge Lane experiences a small but important burst of commercial development. Many of the locally owned and operated stores already in the area also expand during this period including the addition of a retail jewelry store to the novelty manufacturing studio operated by J.H. Kitchin at 1935 Redondo Beach Boulevard, the addition of a beer garden and drive-in cafe to Al's Cafe located at 1901 Redondo Beach Boulevard, the sale of Carr's Drive Inn and adjoining filling station located at 2600 Redondo Beach Boulevard and the

expansion of its menu under the new name of the "Corner Inn", and an addition to Donlou's Market located at 1512 Pier (Aviation) Avenue.

J.H. Kitchin and his wife also own the Southwest Souvenir Company located at the Pier. The Kitchins established their Redondo Boulevard site prior to the war. Here they manufacture abalone pearl, agate and moonstone jewelry which they sell in their store on the Pier. By the end of the war only the Kitchin's novelty manufacturing company and one other remains in the Redondo Beach area out of an original eighteen such operations. The Kitchins' novelty shop survives the war years using a large stock of gold wire, moonstones and abalone pearls. In 1945, as supplies become available once again, the Kitchins add a retail gift shop to the factory on Redondo Boulevard where they sell costume jewelry, Laguna Pottery, watches, etc.

Civic Developments

- 1940 In 1940, the Redondo Beach City Council approves plans for a new and expanded **North Redondo Community Center** to include a civic auditorium and a library. Preliminary drawings, plans and elevations are prepared by Walter O. Wurdeman of Wurdeman and Becket, a Los Angeles architectural firm. Following approval by the council, the city prepares an application for WPA Federal Aid to construct the project. These plans are placed on hold however by the entrance of the United States into the Second World War in 1941.
- 1945 **Formation of a new community organization - the North Redondo Civic Center Citizens.** Forms to investigate and to promote the needs of the north Redondo community. Calling itself The North Redondo People, the group meets to hear plans for a proposed bus service on Aviation which will extend into the new Redondo Hills subdivision, plans to lay a two inch coating of asphalt on every street in north Redondo so that the new bus service can be extended throughout the community, and the possibility of obtaining street lighting in the community. The superintendent of schools also outlines the school needs and the plans to build a new school on Vail Avenue once a new bond issue is approved by the city voters. More than 100 members of the north Redondo community attend this first meeting.⁹

⁹This appears to be the first meeting of the organization since the agenda also includes the election of officers who include Paul Heinzl of 2804 Vail Street as permanent president and E. Johnson as chairman of the board of directors. During the meeting, a letter from Sunset Stages is read proposing a bus route which would begin at Emerald Street, downtown Redondo, move north along Hermosa, turn east on Pier Avenue, turn north on Aviation and east again on Manhattan Beach Boulevard to the new Redondo Hills subdivision.

- 1946 These efforts pay off when, in 1946, Major General Fleming of the Federal Works Administration announces that the city is to receive the necessary funds to construct a new police substation, a recreation center and a public library in north Redondo Beach.¹⁰ 1946 also marks the beginning of the long-anticipated bus service to the new tracts opening in northern areas.¹¹
- 1947 In an effort to reduce residential burglaries, the north Redondo People work closely with the Edison Company to create and execute a street-lighting program.¹²
- 1948 Creation of a special lighting district by the Redondo Beach City Council.
- 1945-1948 **Lincoln School.** Immediately following World War II, residents of Redondo Beach vote with an over-whelming majority to modernize and expand their school system in the northern section of the city. With the issuance of a new bond and the receipt of \$55,000 from the federal grant program, Redondo Beach begins construction on the Lincoln School located on Vail Avenue between Farrell and Plant avenues (Snyder 1, 4 May 1945). Three years later, additional rooms are added to accommodate the increasing number of students.
- 1948 **Washington and Adams Schools.** The City begins negotiations with the owners of a ten-acre site located on Lillenthal and Ripley avenues in order to construct a new elementary school. Designed to alleviate over-crowding at Grant and Beryl schools.

Residential developments.

- 1946-1950 **Continued growth of bedroom community due to war effort and returning veterans.** A very interesting element of residential growth in north Redondo are the tent communities. Large numbers of tent-residences begin appearing in the north Redondo area as veterans return from the war to find an acute shortage of rental property. In response, veterans begin purchasing vacant lots on which to build their future homes. As more and more tents are erected, either as temporary shelter or as a means of safe-guarding valuable lumber, neighboring residents demand that the City Council ban all forms of temporary housing in an effort to protect property values and public health (none of the tents or temporary shacks

¹⁰ Actual construction of these three structures did not begin until after April of 1947 when the City Council calls for the completion of the required paper-work out of fear of losing this funding (Snyder 1, 11 April 1947).

¹¹"North Redondo Bus Line starts at long last" (Snyder 1, 4 January 1946). "FWA grant for North Redondo library and substation" (Snyder 1, 2 August 1946).

¹²"North Redondo Beach wants street lights to cut down thievery there" (Snyder 1, 28 November 1947).

are attached to the city sewer system).

One 1946 editorial questioning the resulting eviction notice issued by the Council states:

Comes now a shortage of places to live. Perhaps there is a greater danger of theft of lumber than ever before. It is more valuable than it ever was. Is that why we have so many tents in North Redondo? As memory takes us back farther -- unless our memory has slipped in our old age, wasn't it tents that made Redondo Beach famous? Surely "Tent City" in Redondo Beach was famous from coast to coast 50 years ago. Tent City stretched from the Masonic Temple along the beach to El Paseo. The city park, the Bank of America, the Elks Club are all located on what was once "Tent City" in Redondo Beach, where people from all over the U.S. came to bask in the warmth and hospitality of California sunshine. But City Council says there shall be no more tents in Redondo Beach. So much for that. (Snyder 1, 19 July 1946)

Additional building restrictions on new construction in north Redondo. In response to an increase in demand for residential housing throughout Redondo Beach, but in particular in north Redondo where vacant land is plentiful, the City Council develops a re-zoning ordinance banning poultry, rabbits, milk cows, horses and other domestic farm animals from the north Redondo area. Many long-time residents strongly oppose this rezoning effort on the grounds that north Redondo has a long history as a rural area where many residents have invested their life savings in the purchase of small acreage where they can raise their own domestic animals and be somewhat self-dependent. Those opposed to the zoning change, refer back to statements made by the original 1927 Annexation Committee that no restrictions will be made against local farming efforts except those already excluded by the County Health Department. Unfortunately, the regional wave of sub-division combined with the tax advantages offered the city by real estate development companies are against such grass-root efforts to retain the rural environment of north Redondo Beach.

1947 As the North Redondo area moves away from its original rural environment toward its current suburban composition, an increasing number of housing tract residents begin to take an active interest in the limiting of industrial development in their area and the re-zoning of large tracts for strictly residential use. One struggle arises in early 1947. Residents work to block the owners of the Golden

State Fireworks Manufacturing Company from expanding their business following the disastrous fire and explosion seven years earlier.¹³

1948 Property owners in north Redondo also organize in an effort to change existing residential construction ordinances which allow for the construction of small residences. Some residents oppose the "shanty town" appearance of the north Redondo area while others claim that small structures encourage the practice of loan sharking because banks and the FHA will not issue loans on extremely small residences.

4 Nov 1948 The Redondo Beach City Council convenes before an over-flowing audience to hear arguments for and against a proposal to boost building area minimums from 480 to 750 square feet. A well organized group from the North Redondo Beach Property Owners' Association argues that the Council should increase building minimums. On the opposite side, two realtors and several small home owners argue for the maintenance of the 480 square foot minimum. In response to one real estate agent's argument that veterans should be offered homes that they could afford, one veteran states "I think my kids are entitled to more than a two room shack."

This debate, which eventually results in modifications to the district's building code, illustrates the significant changes which have occurred in the north Redondo area following World War II. Slowly at first and then more rapidly, a strong community of suburban residents have replaced the earlier sparse rural community which typifies this area through the early 1940s. As increasing numbers of veterans and their families choose to settle in Redondo Beach and to purchase the newly-constructed homes in and around north Redondo, the demand for a more urban setting and conveniences increases. Consistent with these changes is the fact that many of the new home owners who appear before the city council to argue for the increase in the minimum square footage are World War II veterans.¹⁴

¹³News articles contained in the North Redondo file do not indicate whether the Golden State Fireworks Company was issued a permit and allowed to manufacture signal flares for use by railroads, highway crews, merchant marine and police departments as proposed by the owner in 1947. Strong incentives for issuing the permit existed for the city. In addition to the employment opportunities, the factory also paid approximately \$20,000 each year in tax revenues to the city.

¹⁴ Several weeks after their presentation to the city council, the North Redondo Property Association met to appoint a special committee to aid the council in making the requested changes to the building code for their district. Although articles in the north Redondo file do not indicate whether this change was made, an investigation of the current building code would probably confirm that the change was adopted.

Tract housing in north Redondo.

1943-1947 **Redondo Hills.** Announcements of a large subdivision to contain 145, five and six-room houses appear in April of 1943. Constructed on land owned by Mrs. May Isabel Campbell-Johnson, Redondo Hills represents 70 acres located north of Robinson Avenue, between Inglewood and Vail avenues. Plans include the paving of streets and the laying of sidewalks. The initial ten homes are constructed on Pinkard, May and Timothy Avenues. An additional 97 homes are built in 1947 on Perkins Lane and the surrounding streets which include Barkley Lane, the 2900 block of Gibson Lane, Blaisdell Avenue, Carlsbad Street, Faber Street and McBain Street.¹⁵

1948 **Safeway Homes Ltd.** In 1948 plans to complete North Redondo's "New Tract" are announced by Safeway Homes Limited. Located within the remaining triangular section of the tract bordering the Redondo Hills development, Manhattan Beach Boulevard and Inglewood Avenue, the new Safeway subdivision offers promises of 150 new, two-bedroom homes set in a fully restricted site.

1948 **Security Construction Company of Los Angeles Homes.** Another major developer who begins work in north Redondo in 1948 is the Security Construction Company of Los Angeles. Rather than purchase and develop a single large tract, this housing construction company purchases 54 individual lots through out the area on which they construct forty homes which sell for \$4,000 and fourteen homes, each costing \$3,200. Advertisements for the project state that all homes constructed will have three rooms and a bath and will be planned so that two additional rooms can be added without disturbing the original floor plan.¹⁶

Sites where Security Construction Company Homes of Los Angeles plans to build homes:

40 homes valued at \$4000 each are to be built. All to have 3 rooms and one bath, with room to add 2 more rooms. The following 35 sites are listed in the news article dated February 13, 1948:

¹⁵"Half Million Building Project to get underway" (Snyder 1, 2 April 1943). "Open 97 homes in new R.B. Tract" (Snyder 1, 3 October 1947).

¹⁶"\$200,000 Permit Value for 50 Small Homes On Scattered No. Redondo Sites" (Snyder 1, 13 February 1948).

NORTH REDONDO BEACH

2012 Belmont	2225 Graham
2117 Belmont	2700 Grant
2103 Carnegie	2702 Grant
2105 Carnegie	2407 Grant
2607 Carnegie	2411 Harriman
2701 Carnegie	2507 Harriman
2114 Clark	2408 Hill
2120 Clark	2410 Hill
2521 Curtis	2419 Hill
2523 Curtis	2007 Huntington
2021 Farrell	2506 Huntington
2023 Farrell	1915 Perry
2113 Gates	2018 Pullman
2115 Gates	2020 Pullman
2620 Gates	2414 Ralston
2622 Gates	1512 Steinhar
2207 Graham	1027 Vanderbilt
2223 Graham	

14 homes valued at \$3200 each are also scheduled to be built. All have 3 rooms and one bath. All 14 sites are listed in the news article dated February 13, 1948:

1731 Carver	1902 Pullman
1735 Carver	1904 Pullman
2110 Dufour	2313 Ralston
2112 Dufour	2315 Ralston
2421 Hill	2406 Ralston
1203 Krutchsmitt	2408 Ralston
1900 Pullman	2410 Ralston

Notes:

Numbered items are designated as local landmarks in the City of Redondo Beach

MA - Properties with Mills Act agreements

NR - Properties on the National Register

CR - Properties on the California Register

LHD – Local Historic District, designated as contributors to a historic district under local ordinance

NRHD – Listed in the National Register as a contributor to a National Register Historic District

HOZ - Historic Overlay Zone

Address	Common Name	Notes	Built	Designated
1015 Emerald St	Templeton House		1924	11/5/2014
102 N Juanita Ave	Hollinger House		1927	3/7/2007
105 N Juanita Ave	Putters House	MA	1913	5-Feb
106 El Redondo	Medlicott House	MA	1924	3-Mar
108 Beryl St	AS Day House	MA	1920	2/3/1999
108 N Broadway	Dorrington Apartments	MA	1907	2/24/1994
115 Ruby St	Mayer House	NRHD	1910	2-Mar
116 S Catalina Ave	Wimberly Building		1919	6/3/2009
118 S Helberta Ave	Hoyt-Snooks House		1921	6/4/2008
119 S Guadalupe Ave	Haseman House		1910	1/6/2010
124 S Guadalupe Ave	Boulger House		1908	3/2/2016
125 S Irena Ave	Montague House	MA	1909	2/2/1994
1307 Harkness Ln	Hawkins House		1930	2/6/2008
133 N Broadway	Mason House	MA	1913	5-Sep
204 S Broadway	Fehner House		1920	9/2/2009
205-207 Torrance Blvd	Wireman Bungalows		1910	3/4/2009
207 Avenue C	Denn House		1914	3/5/2008
207 Avenue F	Rudge House		1914	1/6/2010
208 Avenue B	Sarah Forbes House	MA	1910	11/3/1999
208 S Guadalupe Ave	Langworthy House	MA	1911	11/7/2001
209 Avenue C	Humer House	MA	1921	3/1/1995
209 Avenue E	McCandless House		1925	2/1/2023
211 Avenue E	Hogue House	CR	1930	5/7/2014
213 Avenue C	Allingham House	MA	1931	9/1/1993
216 Avenue C	Harvey House	MA	1919	10/1/1997
216 Beryl St	Ulmer House		1924	4/4/2018
216 N Catalina Ave		MA , LHD	1913	9/6/1995 / 11/13/2024
218 N Catalina Ave		MA , LHD	1895	9/6/1995 / 11/13/2024
218 S Broadway	Tunney Garrison Bungalows		1914, 1922, 1924	11/5/2008
220 S Broadway	Burnham House		1912	2/6/2008
222 S Broadway	Burnham Bungalow		1909	2/6/2008
2222 Belmont Ave	Lewonte House		1926	7/6/2016
224-226 S Broadway			1920	3/4/2020
225 Avenue D		CR	1917	---
225 S Francisca Ave	Peck House		1907	9/5/2012
227 Avenue C	Griffey House	MA	1930	4/7/1993
228 Avenue E	Seifert House		1929	3/2/2022
228 Avenue G	Summers House		1924	2/7/2018
229 Avenue C	Lechner House		1922	3/7/2012
229 Avenue E	Haylor House	MA	1921	2-Feb
233 S Francisca Ave	Perrin House	MA	1911	2-Jun
2500 Graham Ave	Manny House	MA	1934	5/3/1995
2604 Fisk Lane	Bissen House	MA	1905	1/27/1994
298 Flagler Lane	Morrell House at Dominguez Park		1906	2/6/1991
302 Flagler Lane	Queen Anne House at Dominguez Park		1904	2/6/1991
303 N Francisca Ave	Koch-Raymond House	MA	1907	5-Sep

303 N Gertruda Ave	Original Townsite Historic District	NRHD	1907	--
304 N Gertruda Ave	Irvin-Glass House		1911	8/9/2017
305 Emerald St	Oklahoma Apartments	MA	1905	7/7/1999
305 N Francisca Ave	Mahan House		1910	6/4/2008
305 N Gertruda Ave	Original Townsite Historic District	NRHD	1911/ 1920	--
306 N Gertruda Ave	Carr House		1921	5/7/2014
307 N Gertruda Ave	Gertruda Avenue Historic District/ Original Townsite Historic District	LHD NRHD	1907	8/6/1991
308 Garnet St	Steere House		1920	11/7/2012
308 N Catalina Ave	Whitten Residence		1907	3/3/2021
308 N Gertruda Ave	Gertruda Avenue Historic District/ Original Townsite Historic District	LHD NRHD, MA	1911	8/6/1991
309 Esplanade	Old Main Library	NR	1930	1/27/1994
309 N Francisca Ave	Pollock House	MA	1922	3-Jul
309 N Gertruda Ave	Gertruda Avenue Historic District (non-contributing)/ Original Townsite Historic District	LHD NRHD	1993	8/6/1991
310 N Gertruda Ave	Original Townsite Historic District	NRHD	1911	--
310 S Francisca Ave	Vandenberg House		1927	7/1/2009
311 N Francisca Ave	Thompson House	MA	1922	6-Mar
311 N Gertruda Ave	Myers House		1913	2/7/2018
311 S Guadalupe Ave	Wilson House		1910	11/4/2009
312 N Gertruda Ave	Gertruda Avenue Historic District (non-contributing)	LHD	1980	8/6/1991
313 N Francisca Ave	Stamas House	MA	1924	6-Apr
313 N Gertruda Ave	Gertruda Avenue Historic District/ Original Townsite Historic District	LHD, NRHD	1914	8/6/1991
313 S Broadway	Love S Miller House		1924	6/4/2008
314 N Gertruda Ave	Gertruda Avenue Historic District/ Original Townsite Historic District	LHD, NRHD	c 1917	8/6/1991
315 N Gertruda Ave	Gertruda Avenue Historic District/ Original Townsite Historic District	LHD, NRHD, HOZ	1913	8/6/1991
316 N Gertruda Ave	Gertruda Avenue Historic District/ Original Townsite Historic District	LHD NRHD	1913	5/4/1994
317 N Francisca	Loneragan House	MA	1905	10/4/2023
317 N Gertruda Ave	Gertruda Avenue Historic District/ Original Townsite Historic District	LHD NRHD	1922	8/6/1991
317 S Maria Ave	Vaught House		1921	12/6/2006
318 N Gertruda Ave	Gertruda Avenue Historic District/ Original Townsite Historic District	LHD, NRHD	c 1907	8/6/1991
319 N Gertruda Ave	Gertruda Avenue Historic District/ Original Townsite Historic District	LHD, NRHD	1911	8/6/1991
320 N Gertruda Ave	Original Townsite Historic District	NRHD	1907	--
321 Diamond St	Redondo Van and Storage/ Diamond Apartments	NR	1913	7/5/1990
321 N Gertruda Ave	Bollinger House		1908	11/4/2009
322 N Gertruda Ave				12/1/2004
323 S Francisca Ave	Thomas House	MA	1892	2/7/1996
324 N Gertruda Ave	Shinn House [in Original Townsite Historic District]	NRHD, MA	1910	10/6/1999
325 N Gertruda Ave	Original Townsite Historic District	NRHD	1906/ 1912	--
327 N Gertruda Ave				12/1/04
328 N Gertruda Ave	Hibbard House/ Original Townsite Historic District	NR, NRHD, MA	1910	1/6/1993
329 N Gertruda Ave				8/4/2004
400 S Broadway	Women's Club of Redondo Beach	NR	1922	--
408 S Catalina Ave	Lindberg House		1911	11/2/2011
411 Emerald St	Panton House		1911	11/7/2012
411 Pearl St	Kelly House		1927	9/4/2013
412 Pearl St	Newlywed House	MA	1923	12/5/2001
412 S Camino Real	American Legion Clubhouse	MA	1927	11/1/2000
413 Emerald St	Fritz House		1908	8/1/2012
415 Emerald St	Mott House		1907	11/3/2010
415 Miramar Dr	Rice House		1928	7/6/2022

415 S Guadalupe Ave	Svensk House		1923	3/2/2022
417 Beryl St	Sweetser House	NR, HOZ	1921	9/5/1990
417 Emerald St	JohnsonHouse	CR	1911	---
417 Miramar Dr	Crisler House	MA	1928	6/1/1994
417 S Broadway	Culler House		1910	3/7/2007
420 S Guadalupe Ave	Chapman House		1923	5/5/2010
422 S Guadalupe Ave	Murray House	MA	1936	7/3/1996
426 N Gertruda Ave	Brandt House	MA	1921	9/6/2000
501 Avenue B	DAveis House	MA	1930	10/4/1995
501 Garnet St	Brett House		1919	11/7/2012
504 N Francisca Ave	Murray House		1922	3/18/2010
505 Garnet St	McFadden House	MA	1920	4-Oct
505 N Guadalupe Ave	Original Townsite Historic District	NRHD	1907	--
507 N Gertruda Ave	Sweetser Guest House		1909	9/5/1990
507 N Guadalupe Ave				12/3/2003
509 Garnet St	Cholvin House	MA	1913	10/4/1995
509 N Guadalupe Ave				12/3/2003
509 N Guadalupe Ave	Original Townsite Historic District	NRHD	1907	--
510 Garnet St	Lowe House	MA	1910	5/4/1994
511 Garnet St	Wolfsberg House	MA	1913	4/4/2001
511 N Guadalupe Ave	Original Townsite Historic District	MA	1921	12/5/2001
512 Carnelian St	Original Townsite Historic District	NRHD	1907	--
512 Garnet St	Hussong House	MA	1910	2/7/1996
513 Garnet St	Martin House	MA	1912	3/1/1995
516 Garnet	Thomas House	MA	1908	6/7/2023
517 Garnet	Essmiller & Mayotte House	MA	1907	10/4/2023
517 S Catalina Ave	Gabriel House		1907	3/2/2016
519 S Catalina Ave	Gephart House		1913	5/4/1994
519 S Francisca Ave			1923	9/2/2020
521 S Catalina Ave	McNally House		1909	11/5/2008
523 S Catalina Ave	Shea Residence		1913	5/5/2021
528 Garnet St	O'Dowd House		1915	3/1/2017
559 Avenue A	Monstad House	MA	1911	5/3/2000
601 Garnet St	Drobatz Grocery & Apartments		1925/1926	2/6/2019
605 Garnet St	Pfeifer/Dodge House	MA	1912	1/27/1994
607 Esplanade	Albee House	MA	Pre-1906	1/3/1996
610 Pearl St	Ruth House		1926	4/4/2018
610-614 Carnelian St	Original Townsite Historic District	NRHD	1910/ 1922	--
612 Beryl St	Huffman House	MA	1920	2-Dec
616 S Gertruda Ave	Waller House	MA	1937	10/28/1993
624 Emerald St	Foley House		1908	9/7/2022
626 Elvira Ave	Sale House	MA	1922	4/7/1993
629 S Broadway				11/7/2001
631 Emerald St	Query House	MA	1922	5-Jun
701 Elvira Ave	Crocker House		1922	3/4/2009
702 Elvira Ave	Thurber House	MA	1923	10/28/1993
707 S Broadway	Moore House	MA	1911	5/21/2024
709 S Broadway	Czarske Residence		1923	9/2/2020
717 Elvira Ave	Finch-Martz House		1923	11/7/2007
717-719 Esplanade*	Blauveldt House	MA	1934	1/27/1994
719 Elvira Ave	Whiteside House		1924	11/3/2021
720 Avenue B	Smith House		1931	6/3/2009
724 N Irena Ave			1907	3/6/2019
764 Avenue B	Greenstone House		1932	3/2/2011
816 Emerald St	Ambold House		1895	11/5/2008
824 Emerald St	Tingley House	MA	1890's	3-May
921 Emerald St	Zurborg House	MA	c 1923	6-Jun
Harbor Drive and Herondo Avenue	Old Salt Lake	CHLP	NA	1941

Vincent St	Vincent Park		1887	2-Jun
------------	--------------	--	------	-------



Administrative Report

L.3., File # PA25-1148

Meeting Date: 8/13/2025

TO: PUBLIC AMENITIES COMMISSION

FROM: DANA VINKE, LIBRARY DIRECTOR

TITLE

COMMISSION SUBCOMMITTEE REVIEW AND PROJECT UPDATE

RECOMMENDATION

Receive an update on each subcommittee's respective projects; and review and affirm each subcommittee's goals and those commissioners serving on each.

BACKGROUND

The Public Amenities Commission has a number of active subcommittees that are individually tasked with specific projects. As part of the commission's ongoing review of the work assigned to its subcommittees, a current subcommittee member may briefly describe the mission of each subcommittee and any projects currently in process. The discussion will provide an opportunity to inform the commission of the current progress of each project; allow commissioners to express their interests, goals, and desires to be involved in subcommittees that have a vacancy; propose new subcommittees for consideration; or modify the number of approved subcommittees. A maximum of three commissioners may serve on a single subcommittee. There are no limitations to the number of subcommittees a commissioner may serve.

Preservation - Minor Alterations Subcommittee

Commissioners Galassi and Lang

Facilities Users Subcommittee

Commissioners McCauley, Galassi, and Chair Yousufzai

Volunteer Acknowledgement Program

Commissioners Rowe and Caldwell

Bringing History to the Community Subcommittee

Commissioners Lang, McCauley and Maroko

Franklin Park Playground Subcommittee

Commissioners Lang, Caldwell, and Galassi

Subcommittee items requiring formal action or consideration of the Commission must be formally agendaized prior to any action.

ATTACHMENTS

None