

PH0673200

DATA SHEET

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY -- NOMINATION FORM

FOR FEDERAL PROPERTIES

FOR NPS USE ONLY

RECEIVED

FEB 7 1977

DATE ENTERED

DEC 7 1977

SEE INSTRUCTIONS IN HOW TO COMPLETE NATIONAL REGISTER FORMS
TYPE ALL ENTRIES -- COMPLETE APPLICABLE SECTIONS

1 NAME

HISTORIC

**

U. S. Coast Guard Makapuu Point Light

AND/OR COMMON

Makapuu Point Lighthouse

2 LOCATION

STREET & NUMBER

Kalaniana'ole Hwy

CITY, TOWN

Waimanalo

NOT FOR PUBLICATION

CONGRESSIONAL DISTRICT

STATE

Hawaii

VICINITY OF

CODE

15

COUNTY

Honolulu

CODE

003

3 CLASSIFICATION

CATEGORY

- DISTRICT
- BUILDING(S)
- STRUCTURE
- SITE
- OBJECT

OWNERSHIP

- PUBLIC
- PRIVATE
- BOTH
- PUBLIC ACQUISITION**
- IN PROCESS
- BEING CONSIDERED

STATUS

- OCCUPIED
- UNOCCUPIED
- WORK IN PROGRESS
- ACCESSIBLE**
- YES: RESTRICTED
- YES: UNRESTRICTED
- NO

PRESENT USE

- AGRICULTURE
- MUSEUM
- COMMERCIAL
- PARK
- EDUCATIONAL
- PRIVATE RESIDENCE
- ENTERTAINMENT
- RELIGIOUS
- GOVERNMENT
- SCIENTIFIC
- INDUSTRIAL
- TRANSPORTATION
- MILITARY
- OTHER: Navigation

4 AGENCY

REGIONAL HEADQUARTERS: (if applicable)

U. S. Coast Guard

STREET & NUMBER

677 Ala Moana

CITY, TOWN

Honolulu

VICINITY OF

STATE

Hawaii

5 LOCATION OF LEGAL DESCRIPTION

COURTHOUSE,
REGISTRY OF DEEDS, ETC.

Bureau of Conveyances

STREET & NUMBER

403 Queen Street

CITY, TOWN

Honolulu

STATE

Hawaii

6 REPRESENTATION IN EXISTING SURVEYS

TITLE

None

DATE

FEDERAL STATE COUNTY LOCAL

DEPOSITORY FOR
SURVEY RECORDS

CITY, TOWN

STATE

7 DESCRIPTION

CONDITION		CHECK ONE		CHECK ONE	
<input type="checkbox"/> EXCELLENT	<input type="checkbox"/> DETERIORATED	<input type="checkbox"/> UNALTERED	<input checked="" type="checkbox"/> ORIGINAL SITE	<input type="checkbox"/> MOVED	DATE _____
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> RUINS	<input checked="" type="checkbox"/> ALTERED			
<input type="checkbox"/> FAIR	<input type="checkbox"/> UNEXPOSED				

DESCRIBE THE PRESENT AND ORIGINAL (IF KNOWN) PHYSICAL APPEARANCE

Makapuu Point Lighthouse has a cylindrical concrete tower, with a conical copper roof and rectangular shaped storm panes. Dimensions are 20.5 feet at base, 18.5 feet at top, 45.0 feet height above ground, and 420.0 feet focal plane above sea level.

Lighting equipment consists of a hyper-radiant fixed lens, inside diameter of 8.72 feet, height 11.61 feet, with a light source of a 1000W lamp. Previous lighting equipment included three 500W lamps and oil vapor lights.

To prevent vandalism, sheet steel was placed over all windows; a 6 foot wide screened outrigger was installed to protect storm panes on the seaward side and glass storm panes on the shore side was replaced with asbestos cement sheets.

Special features include a battery operated emergency light with a 250mm lens. An automatic telephone dialer reports light failures.

8 SIGNIFICANCE

PERIOD	AREAS OF SIGNIFICANCE -- CHECK AND JUSTIFY BELOW			
<input type="checkbox"/> PREHISTORIC	<input type="checkbox"/> ARCHEOLOGY-PREHISTORIC	<input type="checkbox"/> COMMUNITY PLANNING	<input type="checkbox"/> LANDSCAPE ARCHITECTURE	<input type="checkbox"/> RELIGION
<input type="checkbox"/> 1400-1499	<input type="checkbox"/> ARCHEOLOGY-HISTORIC	<input type="checkbox"/> CONSERVATION	<input type="checkbox"/> LAW	<input type="checkbox"/> SCIENCE
<input type="checkbox"/> 1500-1599	<input type="checkbox"/> AGRICULTURE	<input type="checkbox"/> ECONOMICS	<input type="checkbox"/> LITERATURE	<input type="checkbox"/> SCULPTURE
<input type="checkbox"/> 1600-1699	<input type="checkbox"/> ARCHITECTURE	<input type="checkbox"/> EDUCATION	<input checked="" type="checkbox"/> MILITARY	<input type="checkbox"/> SOCIAL/HUMANITARIAN
<input type="checkbox"/> 1700-1799	<input type="checkbox"/> ART	<input type="checkbox"/> ENGINEERING	<input type="checkbox"/> MUSIC	<input type="checkbox"/> THEATER
<input type="checkbox"/> 1800-1899	<input type="checkbox"/> COMMERCE	<input type="checkbox"/> EXPLORATION/SETTLEMENT	<input type="checkbox"/> PHILOSOPHY	<input checked="" type="checkbox"/> TRANSPORTATION
<input checked="" type="checkbox"/> 1900-	<input type="checkbox"/> COMMUNICATIONS	<input type="checkbox"/> INDUSTRY	<input type="checkbox"/> POLITICS/GOVERNMENT	<input checked="" type="checkbox"/> OTHER (SPECIFY) Navigation
		<input type="checkbox"/> INVENTION		

SPECIFIC DATES

BUILDER/ARCHITECT

STATEMENT OF SIGNIFICANCE

Makapuu Light was built in 1909 as a result of the grounding of the large Trans-Pacific Ocean Liner "MANCHURIA". This light oversees all commerce bound into Honolulu from the west coast of North America from its elevation of 420 feet above water on the southeast point of Oahu. The white cylindrical tower is only 45 feet tall to the top of its lantern. From a distance its lantern seems half as high as its base, which in imagination looks like a squat little man peering out from under a top heavy hat.

The lantern has the largest lens in the lighthouse of the United States. It is known as a hyper-radiant lens and is the only one of its type in the Hawaiian Islands. It has a focal distance of 59 inches. The inside diameter of the lens is 8-3/4 feet, large enough for several men to stand within. A 1000W lamp is used producing 150,000 candle-power and throws a light beam visible 20 miles seaward. It so happens that Makapuu, in Hawaiian, means "bulging eye", a label that describes the oversized Makapuu lens to the proverbial T.

The original approach by which this station was accessible was a mountain road approximately five miles long, owned and maintained by the Lighthouse Service, which connected with a State highway entering Honolulu. The trip to the station is a two mile narrow, but paved, side road to the crest of the Makapuu ridge. In addition to the light station at Makapuu Head, the view is one of the grandest on the Island of Oahu, even surpassing in some respects the world famous panorama from the Nuuanu Pali. Few mainland visitors take advantage of the trip to this somewhat isolated station, although many Island people visit the station annually.

It is one of the most important Aids to Navigation in the Hawaiian Islands. This light assists a navigator to determine his position or safe course, or to warn him of dangers or obstructions to navigation. The primary purpose of the light is to assist the mariner arriving from distant points to fix his position before approaching shoal water and to serve as check points for coastal navigation. Previously the light was turned on one half hour before sunset and secured one half hour after sunrise, and also during all periods of poor visibility. When the light was in operation it was checked at regular intervals for proper operation, as is the Radiobeacon, which sent its signal a distance of 250 miles.

The station previously had three Coast Guardsmen assigned who lived at the site with their families.

In keeping with its Coast Guard functions, the former crew of Makapuu maintained constant watch for distress signals at sea. Additionally, the station personnel gathered weather information and transmitted three reports daily to the U. S. Weather Bureau at Honolulu.

9 MAJOR BIBLIOGRAPHICAL REFERENCES

Coast Guard District 14, Aids to Navigation Historical Files
 Coast Guard District 14, Public Affairs Historical Files
 Guide to Historically Famous Lighthouses in the U.S., 1939
 Honolulu Star Bulletin (Newspaper)

10 GEOGRAPHICAL DATA

ACREAGE OF NOMINATED PROPERTY 0.02

UTM REFERENCES

OK - Z 4 6 3 9 7 7 OE 2 3 5 7 4 3 0 N

A	2	4	6	3	9	7	7	O	E	2	3	5	7	4	3	0	N
ZONE	EASTING				NORTHING				ZONE	EASTING				NORTHING			
C	2	4	6	3	9	7	7	O	E	2	3	5	7	4	3	0	N
D	2	4	6	3	9	7	7	O	E	2	3	5	7	4	3	0	N

VERBAL BOUNDARY DESCRIPTION

0.02 acre is the area of the circular base of the lighthouse structure.

LIST ALL STATES AND COUNTIES FOR PROPERTIES OVERLAPPING STATE OR COUNTY BOUNDARIES

STATE	CODE	COUNTY	CODE
STATE	CODE	COUNTY	CODE

11 FORM PREPARED BY

NAME / TITLE

J. D. LINDGREN, LTJG, USCG and Mrs. Thelma Yuen, Supply Clerk

ORGANIZATION

14th Coast Guard District

DATE

12 January 1977

STREET & NUMBER

677 Ala Moana

TELEPHONE

808 546-5524

CITY OR TOWN

Honolulu

STATE

Hawaii

12 CERTIFICATION OF NOMINATION

STATE HISTORIC PRESERVATION OFFICER RECOMMENDATION

YES _____ NO _____ NONE _____

STATE HISTORIC PRESERVATION OFFICER SIGNATURE

In compliance with Executive Order 11593, I hereby nominate this property to the National Register, certifying that the State Historic Preservation Officer has been allowed 90 days in which to present the nomination to the State Review Board and to evaluate its significance. The evaluated level of significance is National State Local.

FEDERAL REPRESENTATIVE SIGNATURE

TITLE

Robert H. Quinn
 Environmental Affairs Specialist

DATE

1/24/77

FOR NPS USE ONLY

I HEREBY CERTIFY THAT THIS PROPERTY IS INCLUDED IN THE NATIONAL REGISTER

ATTEST: *W.D. [Signature]*
 DIRECTOR, OFFICE OF ARCHAEOLOGY AND HISTORIC PRESERVATION

DATE 12/2/77
 REGISTER OF THE NATIONAL REGISTER
 DATE 12-5-77

KEEPER OF THE NATIONAL REGISTER