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(1986)
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NOAA FORM 76-35A	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	Chart Evaluation
Field No.	
Office No.	17435 (D-61)
LOCALITY	
State	Alaska
General Locality	Gastineau Channel
Locality	Juneau Harbor
1983	
CHIEF OF PARTY	
Cdr. Walter E. Forster	
LIBRARY & ARCHIVES	
DATE	

Area 5
CHT:
17315 & inst
17300

☆U.S. GOV. PRINTING OFFICE: 1980-766-230

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UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SERVICE
Pacific Marine Center
1801 Fairview Avenue East
Seattle, Washington 98102-3767

NOV 12 1986

N/MOP211C/AL

TO: N/CG2 - J. Austin Yeager

Robert L. Sandquist
FROM: N/MOP - Robert L. Sandquist

SUBJECT: Chart Inspection, Chart 17315 (D-61), Juneau Harbor, Gastineau Channel, Alaska

Chart Inspection, Chart 17315 (D-61) conducted on September 30, 1983 has been examined and evaluated in accordance with N/CG2 memorandum, Transmittal of Miscellaneous Surveys for Processing and Examination, dated March 14, 1986.

This limited chart inspection was conducted in Juneau Harbor, along the waterfront from the vicinity of the Coast Guard pier southward to the vicinity of Union Oil pier and in an area offshore of latitude 58°17'19"N, longitude 134°23'44"W, to investigate shoaling reported by the Southeastern Alaska Pilot's Association.

Field data was verified and is adequate to determine that shoaling has not occurred in the areas investigated except for a 5-fathom shoal at latitude 58°17'45"N, longitude 134°23'56"W, located in proximity to an 8-fathom charted sounding.

The lighted buoy designated R "2A" QR, charted at latitude 58°17'09"N, longitude 134°23'44"W is located about 50 meters SSE of the charted position, but continues to serve its intended purpose.

The 25 to 35-foot soundings obtained along the faces of the city wharf and the ferry terminal are 4 to 5 feet shoaler than the published Coast Pilot depths, which may be keel-line depths.

This survey is found to be adequate for its intended purpose. Except for the addition of the 5-fathom sounding mentioned earlier, it is recommended that no change to the chart be made.

Data for this survey have been transmitted to N/CG222 under separate cover.

cc: N/CG241



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On September 30, 1983 the RAINIER investigated possible areas of shoaling in Juneau Harbor at the request of the Southeastern Alaska Pilots' Association. The shoaling, reported at a September 1983 meeting aboard the RAINIER, between officers and members of the Southeastern Alaska Pilots' Association, in Ketchikan, Alaska was reported to occur in the vicinity of the piers along the NE shoreline of the harbor and off a point of land located at $58^{\circ}17'23''$ N Latitude, $134^{\circ}23'44''$ W Longitude. ✓

The attached chartlets represent the extent of Range-Range Mini-Ranger controlled hydrography run to investigate the reported shoaling. Specifics concerning the survey sounding data may be referenced in the accompanying data file. Sounding data was plotted on the attached chartlets using the PDP 8/e hydroplot system aboard the RAINIER. ✓

Comparison between the survey soundings and those on Chart No. 17315, 18th edition, July 10, 1982, generally show the survey soundings to be greater, by 1 to 2 fathoms, where discrepancies occur, with the exception of the charted 8 fathom sounding at $58^{\circ}17'45''$ N Latitude, $134^{\circ}23'56''$ W Longitude. The investigative survey showed a 5 fathom sounding at the location of the charted 8 fathom sounding. No indication of shoaling was found in the vicinity of $58^{\circ}17'23''$ N Latitude, $134^{\circ}23'56''$ W Longitude. ✓
44 CONCUR

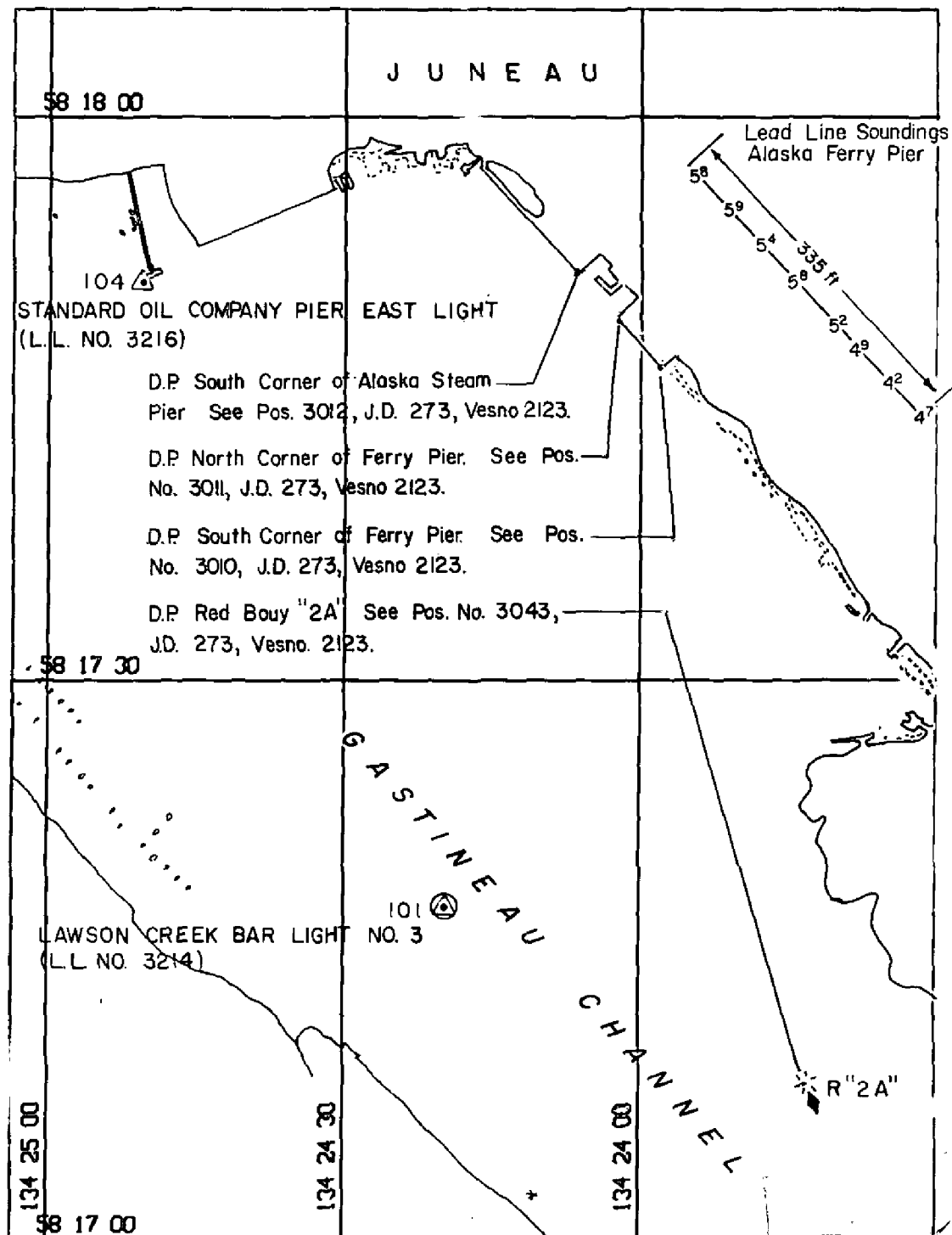
Leadline soundings taken at approximately 50 foot intervals along the face of the City Wharf and Ferry Terminal Pier ranged from 25 to 35 feet, 4 to 5 feet shoaler than the Coast Pilot No. 8, June 1982, reported alongside depths of 29 to 40 feet. *Coast Pilot depths may be Keel-line depths* ✓
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11/16/86
12/18/86

No dangers to navigation have been found or reported. CONCUR

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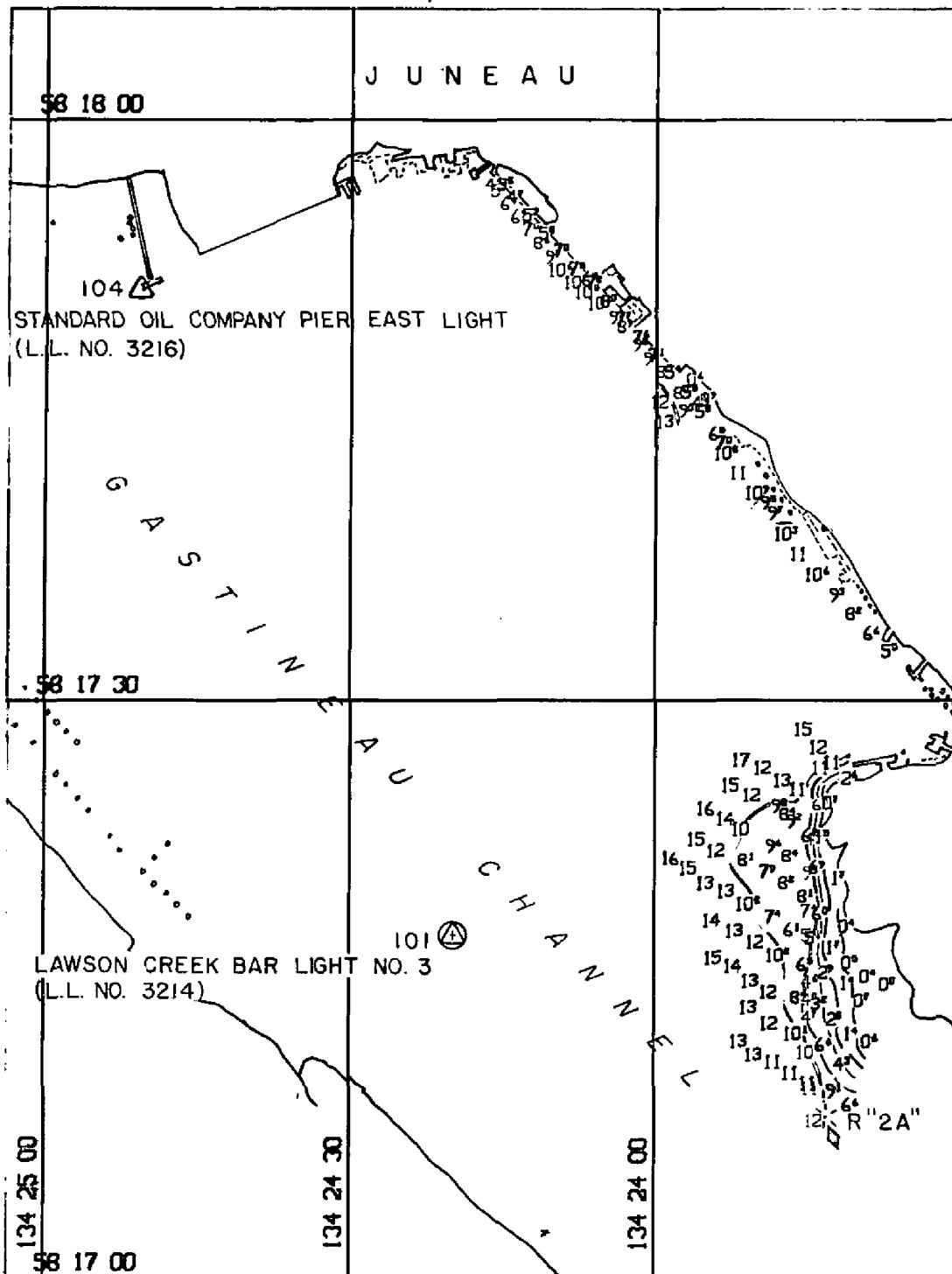
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JUNEAU HARBOR, ALASKA
INVESTIGATION OF REPORTED SHOALING
SOUNDINGS IN FATHOMS SCALE = 1:10000



NOV 24 1936

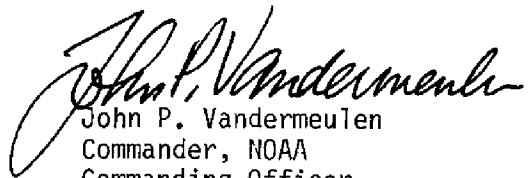
JUNEAU HARBOR, ALASKA
 INVESTIGATION OF REPORTED SHOALING
 SOUNDINGS IN FATHOMS SCALE = 10000



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APPROVAL SHEET
DESCRIPTIVE REPORT TO ACCOMPANY
CHART INSPECTION
CHART 17315

Chart Inspection of Chart 17315, performed in September, 1983 is hereby approved and forwarded.


John P. Vandermeulen
Commander, NOAA
Commanding Officer

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LETTER TRANSMITTING DATA

PMC-86-126

DATA AS LISTED BELOW WERE FORWARDED TO YOU
BY (Check):☐ ORDINARY MAIL☐ AIR MAIL☒ REGISTERED MAIL☐ EXPRESS☐ GBL (Give number) _____

DATE FORWARDED

11/17/86

NUMBER OF PACKAGES

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NOTE: A separate transmittal letter is to be used for each type of data, as tidal data, seismology, geomagnetism, etc. State the number of packages and include an executed copy of the transmittal letter in each package. In addition the original and one copy of the letter should be sent under separate cover. The copy will be returned as a receipt. This form should not be used for correspondence or transmitting accounting documents.

17435 (D-61)
Chart EvaluationAlaska
Gastineau Channel
Juneau Harbor1 ea Descriptive Report
1 ea Accordion file containing raw data

FROM: (Signature)

Chief, Hydrographic Section

Return receipted copy to:

NOAA, NOS, N/MOP21
7600 Sand Point Way NE
BtN C15700, Bldg. 3
Seattle, WA 98115-0070RECEIVED THE ABOVE
(Name, Division, Date)

Date: NOV 24 1986

Receipt Acknowledged:

Donald E. Nortrup, CHIEF
MARINE CHART BRANCH

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