

FE 138

FE138

Diagram No. 8502-2 & 8551-3

NOAA FORM 76-35A

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT (HYDROGRAPHIC)

Type of Survey ... Field Examination

Field No.

Office No. FE-138

LOCALITY

State ... Alaska

General Locality ... Valdez

Locality

19 56

CHIEF OF PARTY

C.L. Fever

LIBRARY & ARCHIVES

DATE ... July 13, 1956

☆ U.S. GOV. PRINTING OFFICE: 1976-669-441

NOTE: A new system for registering Field Examinations (FE's) was established in 1980. All FE's are now consecutively numbered as shown hereon. The date shown in the new format is the actual date of survey. This material was previously registered as;

FE No.4 1956

F E No. 4 1956

Diag. Cht. Nos. 8502-2 & 8551-3

Form 504	
U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	Field Examination
Field No.	Office No. F.E.No.4 (1956)
LOCALITY	
State	Alaska
General locality	Valdez
Locality	
19 4 56	
CHIEF OF PARTY	
Curtis Le Fever	
LIBRARY & ARCHIVES	
DATE	July 13, 1956

B-1870-1 (1)

F E No. 4
1956

453

LETTER TRANSMITTING FIELD RECORDS

Ship **BOWIE**
Cordeva, Alaska

9 July 1956, 19__

RECEIVED
MAIL ROOM

JUL 11 1956

COAST & GEODETIC SURVEY

To: The Director, U.S. Coast and Geodetic Survey, Washington, D.C.

Curtis Le Fever, C. and G. Survey, Chief of Party

Subject: Records.

Records as listed below were forwarded to you by Registered Air Mail
(Ordinary mail, registered mail, air mail,
9 July 1956
(Date records were forwarded)
express, G. B. L. (give number))

(Note - A separate copy of this form is to be used for each of different kinds of records, as tidal data, seismology, geomagnetism, etc. If this form covers the transmission of more than one package of a particular kind of record the form is to carry a statement of the number of packages and an executed copy of the form is to be included in each package.)

PROJECT 1277

- PKG. # 1063A 2 Each Sounding Volumes, Valdez, Alaska
- 1 Each Volum, Tide staff observations, Valdez, Alaska
- PKG# 1063B 1 Each * Boat sheet (Blueprint of dock area, Scale 1" equals 50', Valdez, AAA
- 1 Each ** Blue print of dock area, Valdez, Alaska *Not retained - same as item above*
- 1 Each * Sheet of lead line, Dock Area, Valdez, Alaska *78E*
- 1 Each { Blueprint - Valdez, Alaska, (Alaska Public Works) Bp. 54090
- 1 Each * { Blueprint - Valdez Townsite Bp 54089
- 1 Each { Cut out of Chart 8519, Valdez, Alaska L. 646 (1956)
- PKG# 1063C 1 Each Level Record - Tide Station, Valdez, Alaska
- 2 Each Report - Tide Station, Valdez, Alaska
- 1 Each Cahier - Fathograms, a & b day, Valdez, Alaska
- 1 Each Sheet of tide curves, 5 & 6 July 1956, Valdez, Alaska

* Filed as FE No. 4 (1956)
** to Engelbrecht for BP file

Curtis Le Fever
C. and G. Survey, Chief of Party

Received the above:

Administrative Officer, Coast and Geodetic Survey

This form and one copy should be sent to the office. The copy will then be returned as a receipt. This form should not be used for correspondence.

TIDE NOTE FOR HYDROGRAPHIC SHEET

Chart Division: R. H. Carstens:

24 September 1956

Plane of reference approved in
2 volumes of sounding records for

HYDROGRAPHIC SHEET F.E. No. 4 1956

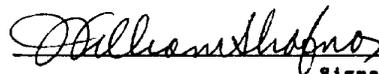
Locality Valdez, Alaska

Chief of Party: C. LeFever in 1956

Plane of reference is mean lower low water, reading
2.9 ft. on tide staff at Valdez
17.2 ft. below B.M. 3 (1927)

Height of mean high water above plane of reference
is 10.9 feet.

Condition of records satisfactory except as noted below:



Signature

Chief, Tides Branch

Hydrographic Surveys (Chart Division)

HYDROGRAPHIC SURVEY NO. F.E. No. 4, (1956)

Records accompanying survey:

Boat sheets *X²*; sounding vols. *.2...*; wire drag vols.; bomb vols.; graphic recorder rolls *1-Envelope* special reports, etc. *1-Smooth sheet, and 1-Descriptive report.*

Desc. Report submitted by field: transmitting letter from field party and office records filed as Desc. Report

The following statistics will be submitted with the cartographer's report on the sheet:

Number of positions on sheet
Number of positions checked
Number of positions revised
Number of soundings revised (refers to depth only)
Number of soundings erroneously spaced
Number of signals erroneously plotted or transferred
Topographic details	Time
Junctions	Time
Verification of soundings from graphic record	Time

Verification by *[Signature]* Total time *10* Date *8/28/56*

Reviewed by *[Signature]* Time *5* Date *10/2/56*

REVIEW OF FIELD EXAMINATION NO. 4, 1956

Examination of the area off the two piers at Valdez, Alaska, and the small-boat harbor between those piers.

No Descriptive Report was submitted by the Field Party, hence, the report consists of a copy of the field transmitting letter and Washington Office data.

Partial verification of the field plotting was made to assure its accuracy for charting purposes. The fathograms were check-scanned to verify representative depths and shoal soundings. Final tide reducers were applied. Detached positions at piles and dolphins were checked, as well as enough sounding-line positions to verify the accuracy of field plotting. In general, only those soundings to be used for charting were checked or corrected in color on the boat sheet, plus a few other soundings to clarify the mean low-water line and general bottom configuration. Soundings not checked or revised in yellow on the boat sheet may be in error by $-\frac{1}{4}$ to $+\frac{1}{2}$ fm.; complete verification beyond the needs of chart revision is not considered necessary.

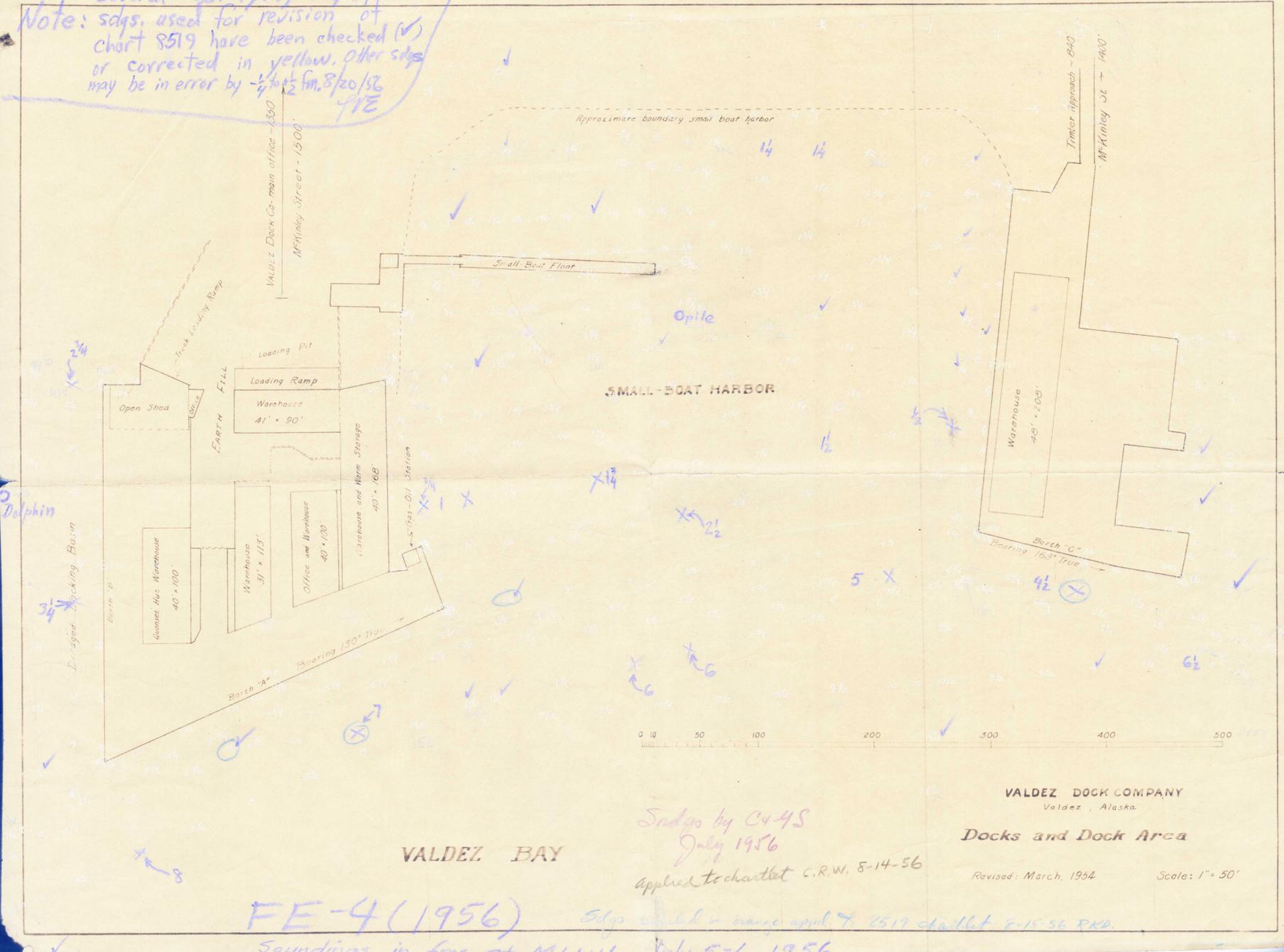
The results of this examination have been published as a correction chartlet for Chart 8519, issued as a part of Notice to Mariners No. 36, September 8, 1956. That chartlet was prepared after the partial verification, previously discussed, and adequately covers the information obtained by the field examination.

Soundings previously charted on Chart 8519 were derived from H-2554 (1901), 1:20,000, for the soundings off the pier faces, and from Corps of Engineers surveys of 1940 (Bp. 41331) and 1950 (Bp. 46392) for the small-boat harbor. A Corps of Engineers survey of 1951 (Bp. 51258) is on file but had not been applied to the chart at the time the present examination was received. H-2554 was made before the piers were built. The small-boat harbor is a federal project and is subject to continuing changes from deposition and dredging as revealed by a comparison of the present examination with the Corps of Engineers surveys already listed. The hydrography on the preceding prior surveys is superseded by this field examination.

Reviewed by - L. V. Evans III
Inspected by - R. H. Carstens

10/2/56

Several clarifying sdgs. plus
 Note: sdgs. used for revision of
 chart 8519 have been checked (✓)
 or corrected in yellow. Other sdgs.
 may be in error by $\frac{1}{2}$ to $\frac{3}{4}$ fm. 8/20/56
 JIE



FE-4 (1956) Sdg. added in name and T. 8519 chart 8-15-56 R.R.D.
 Soundings in fms. at MLW July 5-6, 1956

Sdgs by C44S
 July 1956
 Applied to chartlet C.R.W. 8-14-56

VALDEZ DOCK COMPANY
 Valdez, Alaska
 Docks and Dock Area
 Revised: March, 1954
 Scale: 1" = 50'



ABBREVIATIONS (For...)

Lights: F. fixed, I. occulting, M. nautical, WHIS. whistling, D. destroyer

Buoys: C. can., I. light, T.B. temporary

Lights are white unless otherwise noted.

Bn. daybeacon, R. radio tower, TR. radio tower

Cl. clay, Co. coral, bk. black, br. brown, hrd. hard, rky. rocky

Wreck, rock, or other obstruction

(2) Rocks that can be seen at low tide

AUTH. authorized

HEIGHTS in feet above N

AUTHORITIES Hydrography and topography

Chart - 8551

6172
5745

