

7925

Hydrog. Cht. No. 8502-2

25-344

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Hydrographic

Field No. Su 2351 Office No. H 7925

LOCALITY

State Alaska

General locality S. Side Alaska Peninsula

Locality Mitrofanina Island

~~194~~ 1951

CHIEF OF PARTY

G. E. Boothe

LIBRARY & ARCHIVES

DATE MAR 11 1953

B-1870-1 (1)

7925

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

HYDROGRAPHIC TITLE SHEET

The Hydrographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

REGISTER No. H 7925

Field No. Su 2351

State Alaska

General locality South side Alaska Peninsula.

Locality Mitrofanian Island

Scale 1/ 20 000 Date of survey 16 August 1951

Instructions dated 8 March 1951

Vessel SURVEYOR

Chief of party G. E. Boothe

Surveyed by R. H. Tryon

Soundings taken by ~~fathometer~~, ~~graphic recorder~~, ~~hand lead~~, ~~wire~~

Fathograms scaled by Betterton

Fathograms checked by R. H. Tryon

Protracted by D. L. Wheeler

Soundings penciled by Wm. M. Martin

Soundings in fathoms ~~feet~~ at ~~MLW~~ MLLW

REMARKS:

2172

H. 7925
Su 2351

Project:

Cs 344. Instructions dated 8 March 1951.

This work consists of 83 positions on sounding lines run by Launch 2 on 16 August 1951. The work is off the southwest point of Mitrofanina Island. It is controlled by two shoran stations, Wedge and Gull. This sheet was laid out to cover Mitrofanina Bay and the waters around Mitrofanina Island.

The hydrography was barely started in 1951. This was on the eastern edge of the work of that season. In 1952 work was extended to the westward and out of contact with the Mitrofanina area. The 1953 area laid out for survey is still further to westward and there is no immediate prospect of completing the survey of H 7925. The work done has been plotted and sent to Washington.

These soundings could be transferred to Sheet H 7928 and the number H 7925 cancelled. If this is done it is requested that the cancelled sheet be returned to the Seattle Processing Office to hold against a possible resumption of the survey. If the number H 7925 is kept in force for the Mitrofanina area we would appreciate that information, too.

The boatsheet is being retained as it seems of little assistance to the verifier at this time.

E. Edgar E. Smith
Edgar E. Smith
Cart. Engr.

3/4/53.

*Do not verify
over should
be resurveyed
when work is
resumed.
Records can
be plotted
with new
survey
with a
xerox of
plotted sdgs
sdgs may
not be
needed for
new survey.
- Cancel old
survey number.*

Tide Note.

H 7925
Su 2351

Chiachi Island Portable Automatic Gage.

Ø 55 50.6

λ 159 06.3

Staff reading of MLLW 4.5 Feet.

GEOGRAPHIC NAMES

Survey No. H-7925

Name on Survey	A	B	C	D	E	F	G	H	K	
	<i>On Chart No.</i>	<i>On previous survey No.</i>	<i>On U. S. Quadrangle Maps</i>	<i>From local information</i>	<i>On local Maps</i>	<i>P. O. Guide or Map</i>	<i>Rand McNally Atlas</i>	<i>U. S. Light List</i>		
										1
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										3
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Hydrographic Surveys (Chart Division)

HYDROGRAPHIC SURVEY NO. H-7925...

Records accompanying survey:

Boat sheets; sounding vols.; wire drag vols.;
bomb vols.; graphic recorder rolls;
special reports, etc. 1. Smooth Sheet; 1. Descriptive 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.....Total time Date

Reviewed by..... Time Date

VERIFIER'S REPORT OF HYDROGRAPHIC SURVEY NO. H-

The verifier should deal with the present hydrographic survey only, as the reviewer considers its relation to previous surveys and published charts. He should be thoroughly familiar with Chapters 3, 7 and 9 of the Hydrographic Manual.

1. The descriptive report was consulted and appropriate notes were made in soft pencil regarding action taken.
 2. Soundings originating with the survey and mentioned in the descriptive report have been verified, including latitude and longitude.
 3. All reference to survey sheets mentioned in the descriptive report include the registry number and year.
 4. Geographic names of hydrographic features if on sheet are in slanting lettering and of topographic features in vertical lettering.
 5. All items affecting the plotting of the survey which are **entered in** the remarks columns of the sounding records were noted and check marked. In all cases appropriate action was taken.
 6. All positions verified instrumentally were check marked in the sounding records.
 7. All critical soundings are clear and legible and are a little larger than the adjacent soundings.
 8. The metal protractor has been checked within the last three months.
 9. The protracting and plotting of all bad crossings were verified.
 10. All detached positions locating critical soundings, rocks or buoys were verified.
 11. The boat sheet was compared with the smooth sheet.
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12. The spacing of soundings as recorded in the records was closely followed.
 13. The bottom characteristics were shown on outstanding shoals.
 14. The reduction and plotting of doubtful soundings were checked.
 15. The transfer of contemporary topographic information was carefully examined.
 16. All junctions were transferred and overlapping curves made identical.
 17. The notation "JOINS H- (1924)" was added in ink for all contemporary adjoining or overlapping sheets now registered. Those not verified are shown in pencil.
 18. The depth curves have been inspected before inking.
 19. All triangulation stations and transfer of topographic and hydrographic signals were checked.
 20. Heights of rocks were checked against range of tide.
 21. Rocks transferred from topographic surveys have a dotted curve where shown thereon. Rocks located accurately by hydrographer are encircled by dotted red curve.
 22. Unnecessary pencil notes have been removed.
 23. Objects on which signals are located and which fall outside of the low water line have been described on the sheet.
 24. The low water line and delineation of shoal areas have been properly shown.
 25. Degree and minutes values and symbols have been checked.
 26. Questionable soundings have been checked on the fathograms.
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27. Source of shoreline and signals (when not given in report).
28. All notes on sheet are in accordance with figure 171 in the Hydrographic Manual.
29. All aids located, with those on contemporary topographic sheets, have been shown on survey.
30. Depth curves were satisfactory except as follows:
31. Sounding line crossings were satisfactory except as follows:
32. Junctions with contemporary surveys were satisfactory except as follows:
33. Condition of sounding records was satisfactory except as follows:
34. The protracting was satisfactory except as follows:
35. The field plotting of soundings was satisfactory except as follows:
36. Notes to reviewer:

Verified by

Date

RHC

TIDE NOTE FOR HYDROGRAPHIC SHEET

25 March 1953

~~REVISIONS OF COASTAL SURVEYS~~

Division of Charts: R. H. Carstens

Plane of reference approved in 1
volumes of sounding records for

HYDROGRAPHIC SHEET 7925

Locality Alaska Peninsula

Chief of Party: G. E. Boothe in 1951

Plane of reference is mean lower low water, reading
4.5 ft. on tide staff at Chiachi Island (East Side)
10.3 ft. below B. M. 1 (1951)

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

Condition of records satisfactory except, as noted below:

E. C. McKay
Section of Tides

Chief, Division of Tides and Currents.

