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Form 504
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

State: *Alaska*

11-5613

DESCRIPTIVE REPORT.

Hyd. Sheet No. *Hyd 4101*

LOCALITY:
Shelikof Strait

1919

CHIEF OF PARTY:
F. H. Hardy

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DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
WASHINGTON

SECTION OF FIELD RECORDS

Report on Hydrographic Sheet 4101. Surveyed in 1919.
Chief of Party: F. H. Hardy. Surveyed by party on Steamer Surveyor.
Protracted by field party. Soundings plotted by field party.
Verified and inked by H. E. MacEwen.

1. The records do not conform to the General Instructions in that they failed to give information concerning the tidal data and sounding apparatus. Also condition of weather, wind, sea, sextants, etc., were omitted often. No descriptive report was forwarded with the sheet.
2. The plan and character of development fulfills the requirements of the General Instructions and satisfies the specific instructions.
3. The sounding line crossings are adequate and the curves could be completely drawn.
4. The field plotting was completed to the extent prescribed in General Instructions.
5. The office draftsman did not have to do over again any part of the drafting done by the field party. The protracting and plotting are sufficiently accurate, but the drawing is crude. The soundings and position numbers and day letters are twice as large as they should be. If the development were close, the sheet would be illegible.
6. This sheet was submitted as a reconnaissance only. In view however of the fact that the control is excellent and that no indications of dangers were discovered, it does not appear that further development is required within the area covered by the sheet. As the survey did not include the inshore area this should be surveyed when opportunity offers.
7. Rating of the work: Character and scope of the surveying: Good.
Field drafting: Fair.
8. Remarks: In addition to the work plotted the same party submitted a sounding book containing soundings based partly on 3 point fixes (using mostly tangents) and partly dead reckoning. The records are very crude. As much of this work is outside the limits of sheet 4101, it is thought best to defer plotting this work until the 1920 surveys of the same region are received.
9. Reviewed by E. P. Ellis, October 7, 1920.
10. Two copies of this report to be sent to Division of Hydrography and Topography.

ADDRESS THE SUPERINTENDENT
U. S. COAST AND GEODETIC SURVEY

AND REFER TO NO.

41-EMK

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
WASHINGTON

FIELD RECORDS (C)

June 4, 1920.

Division of Hydrography and Topography:

Division of Charts:

Tidal reductions are approved in
2 volumes of sounding records for

HYDROGRAPHIC SHEET 4101

Shalikof Strait, Alaska.
F. H. Hardy in 1919.

Plane of reference is
Mean lower low water, reading

4.5 ft. on tide staff at Erskine Dock, Kodiak.

*Allowance made for difference in tide at
place of soundings.

Condition of records, satisfactory.

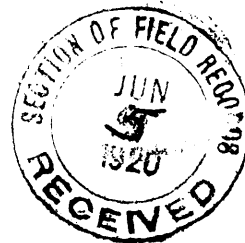


Chief, Section of Tides
and Currents.

Forwarded:



Chief, Div. of Hyd'y and Top'y



DIRECTOR
ADDRESS THE SUPERINTENDENT
U. S. COAST AND GEODETIC SURVEY

AND REFER TO NO. 41-MFG

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
WASHINGTON

August 24, 1920.

Division of Hydrography and Topography:

Division of Charts:

Tidal reductions are approved in
2 volumes of sounding records for

HYDROGRAPHIC SHEET 4 1 0 1

Shalikof Strait, Alaska
F. H. Hardy in 1919.

Plane of reference is
Mean lower low water, reading

4.5 ft. on tide staff at Erskine Dock, Kodiak.

Note: Allowance made for difference in tide
at place of soundings.

Reduced soundings corrected from in-
tegral feet to fathoms and feet.

Condition of records: Satisfactory.



Chief, Section of Tides
and Currents.

Forwarded:

R. B. Harrison
H. H. [unclear] Chief, Div. of Hydrog. and Top'y