

5250

U. S. COAST & GEODETIC SURVEY  
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Form 504  
Ed. June, 1923

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY  
R. S. PATTON, Director

State: S. W. ALASKA

DESCRIPTIVE REPORT

~~Topographic~~ } Sheet No. 43 5250  
Hydrographic }

LOCALITY

KODIAK ISLAND

EAST OF CAPE CHINIAC

19-32

CHIEF OF PARTY

F. B. T. SIEMS, H. & G. E. Commander C&GS.

DESCRIPTIVE REPORT  
TO ACCOMPANY  
HYDROGRAPHIC FIELD SHEET NO.43

H5250

Str. SURVEYOR

F.B.T.SIEMS, Com'd'g.

Scale: 1:40000

INSTRUCTIONS:

The survey of Sheet No.43 was executed during the field season of 1932 under the Director's instructions dated April 22,1932.

SURVEY METHODS:

The hydrography on this sheet was executed by the SURVEYOR. Visual fixes on triangulation stations and topographic signals were used to locate the ship's position.

Frequent vertical casts were taken for comparison with the fathometer.

*(See p. 3 for note on Fathometer reductions.)*

COMPARISON WITH PREVIOUS SURVEYS:

No previous surveys in this vicinity.

SHORELINE:

As the shoreline is shown on Hydrographic sheets No's. 24 and 25 on a 1:20,000 scale it was not transferred to this sheet in accordance with paragraph 28, page 4 of the Hydrographic Manual.

DANGERS:

There are no dangers within the limits of the Hydrography shown on this sheet.

STATISTICS:

A table of statistics accompanies this report.

LIMITS:

Sheet No.43 joins Sheet No.161<sup>5177</sup> to the southeastward and Sheets No's. 42, 24 and 25 inshore.  
H5254 H5251

H5253

It was necessary to make Sheet No.43 this size in order to be able to plot all the required signals on it.

Hydrography on this sheet was started near the end of the field season and the close of the field season prevented carrying the work to completion.

Respectfully submitted,

Approved and forwarded,

*Robert A. Marshall*

Robert A. Marshall, Jr.H.&G.E.  
U.S.Coast & Geodetic Survey.

*A.M. Sobieralski*

A.M.SOBIERALSKI, H.&G.E.  
Chief of Party, C.&G.S.

TABLE OF STATISTICS

<u>DATE</u>	<u>VOL.</u>	<u>DAY</u>	<u>STATUTE MILES</u>	<u>NO. OF POSITIONS</u>	<u>NO. OF SOUNDINGS</u>	<u>VESSEL</u>
Sept.19	1		24.8	36	247	Ship
"	20	1	45.1	89	491	"
"	21	1&2	111.0	198	1236	"
"	22	2	25.5	72	335	"
"	25	2	17.9	38	203	"

433

2512

Section of Field Records

Surveyed in 1932

Report on H-5250

Surveyed by F. B. T. Siems

Chief of Party: F. B. T. Siems

Soundings plotted by R. A. Marshall

Protracted by R. A. Marshall

Topography inked by G. H. Streeter

Verified and inked by G. H. Streeter

1. The records conform to the requirements of the General Instructions.
2. The usual depth curves can be completely drawn.
3. The field plotting was completed to the extent prescribed in the General Instructions.
4. Topographic and hydrographic names and the shore line (taken from T-4713 and T-4729) were inked in by the office draftsman.
5. The junction with H-5177 is excellent. The remaining adjoining sheets have not been completely inked.
6. The positions on the lower right hand portion of this sheet are incorrectly plotted. Evidently the field protractor was somewhat out of adjustment and as the change is not very great and practically all the positions in this vicinity are affected it was considered advisable to use the field plotting.
7. The quality of the work is good.

Respectfully submitted.

*G. H. Streeter*

June 12, 1933

April 21, 1933.

Division of Hydrography and Topography:

✓ Division of Charts:

Tide Reducers are approved in  
2 volumes of sounding records for

HYDROGRAPHIC SHEET 5250

Locality East of Cape Chiniak, South Coast of Kodiak Island, Alaska

Chief of Party: F.B.T. Siems in 1932

Plane of reference is mean lower low water, reading

4.0 ft. on tide staff at Kodiak

19.9 ft. below B. M. 8

Height of mean higher high water above plane of reference is 8.8 feet.

Condition of records satisfactory except as checked below:

1. Locality and sublocality of survey omitted.
2. Month and day of month omitted.
3. Time meridian not given at beginning of day's work.
4. Time (whether A.M. or P.M.) not given at beginning of day's work.
5. Soundings (whether in feet or fathoms) not clearly shown in record.
6. Leadline correction entered in wrong column.
7. Field reductions entered in "Office" column.
8. Location of tide gauge not given at beginning of day's work.
9. Leadline corrections not clearly stated.
10. Kind of sounding tube used not stated.
11. Sounding tube No. entered in column of "Soundings" instead of "Remarks".
12. Legibility of record could be improved.
13. Remarks.

*A. J. Hamman*  
Chief, Division of Tides and Currents.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

HYDROGRAPHIC TITLE SHEET

REG. NO. 5250

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

Field No. 43

REGISTER NO. 5250

State Alaska

General locality ~~S.E. Coast~~ Kodiak Island

Locality East of Cape Chiniak

Scale 1:40,000 Date of survey Sept., 1932

Vessel U.S.C. & G.S.S. SURVEYOR

Chief of Party F.B.T. Siems

Surveyed by F.B.T. Siems

Protracted by R.A. Marshall

Soundings penciled by R.A. Marshall

Soundings in fathoms ~~feet~~

Plane of reference M.L.L.W.

Subdivision of wire dragged areas by

Inked by G. H. Streeter

Verified by G. H. Streeter

Instructions dated April 22-nd, 1932

Remarks:

Section of Field Records  
Review of Hydrographic Sheet No. 5250.  
East of Cape Chiniak, Kodiak Island, Alaska.  
Surveyed September 1932.  
Instructions dated April 22, 1932 (Surveyor)


Chief of Party - F. B. T. Siems.  
Surveyed by - F. B. T. Siems.  
Protracted and soundings plotted by - R. A. Marshall.  
Verified and inked by - G. H. Streeter.


1. The records conform to the requirements of the Hydrographic Manual.
2. The plan and extent of development satisfy the specific instructions.
3. Depth at crossings of sounding lines are in good agreement and the soundings are generally consistent.
4. Depth curves can be drawn satisfactorily.
5. Junction with H. 5177 to the southeast is satisfactory. The sheets to the southwest (H. 5251, H. 5254 and H. 5253) have not yet been verified.
6. There are no previous surveys in this vicinity except H. 3016 (surveyed in 1909). The few soundings on this survey that fall within the limits of the present survey are in good agreement.
7. The field drafting generally was good. The verifier found some of the positions in the lower right portion of the sheet slightly off but it was not deemed necessary to replot the lines. Shoreline and lettering were added to the sheet in the office.
8. Recommendation. This survey (H. 5250) is considered satisfactory for charting purposes.

No further surveys are deemed necessary in the area represented by this survey, except possibly on the 19 fm. sounding in lat.  $57^{\circ}37'.9$  long.  $152^{\circ}05'.0$  and the 13 fm. sounding in lat.  $57^{\circ}38'.8$  long.  $152^{\circ}06'.8$ .

9. Reviewed by R. J. Christman, June 14, 1933.


Inspected by A. L. Shalowitz.

  
L. O. Colbert,  
Chief, Field Records Section.

  
Chief, Field Work Section.

Examined and approved:

  
Chief, Division of Charts.

  
Chief, Division of H. & T.

Field Records Section (Charts)

HYDROGRAPHIC SHEET No. 5250

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

Number of positions on sheet	433
Number of positions checked	49
Number of positions revised	1
Number of soundings recorded	2512
Number of soundings revised	3
Number of signals erroneously plotted or transferred	✓

Date: June 12, 1933

Cartographer: G. H. Street