

11481

Diag. Cht. No. 8860-2.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Shoreline (Photogrammetric)

Field No. Ph-92 Office No. T-11481

LOCALITY

Territory Alaska
State

General locality Alaska Peninsula

Locality Hotsprings Bay

1957

CHIEF OF PARTY

F. B. Quinn, Chief of Party

V. Ralph Sobieralski, Portland Photogrammetric

Office

LIBRARY & ARCHIVES

DATE

APR 6 1961

COMM-DC 61300

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H
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1

DATA RECORD

2.

Preliminary Manuscripts

T-11140 & T-11141

Project No. (II): Ph-92

Quadrangle Name (IV):

Field Office (II):

Chief of Party:

Photogrammetric Office (III): Portland, Oregon

Officer-in-Charge: Fred Estelle

Instructions dated (II) (III): 16 August 1954

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): Graphical

Manuscript Scale (III): 1:25,000 (Approx.) Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III):

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): B.A. 1927

Vortical Datum (III):

Mean sea level except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (g) refer to sounding datum
I.e., mean low water or mean lower low water

Reference Station (III): On these two map manuscripts the triangulation stations shown are not correlated to the compiled planimetry.

Lat:

Long:

Adjusted
Unadjusted

Plane Coordinates (IV):

State:

Zone:

Y=

X=

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.

DESCRIPTIVE REPORT - DATA RECORD

T - 11481

Project No. (II): **Ph-92**

Quadrangle Name (IV):

Field Office (II): **C&GS PATHFINDER**

Chief of Party: **F. B. Quinn**

Photogrammetric Office (III): **Portland, Oregon**

Officer-in-Charge: **V. Ralph Sobieralski**

Instructions dated (II) (III): **20 December 1954**
Letter 731/rab, dated 31 October 1957 (Office)

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): **Graphic**

Manuscript Scale (III): **1:20,000**

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): **None**

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): **N.A. 1927**

Vertical Datum (III):

Mean sea level except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): **EAST 1923**

Lat.: **54° 53' 42.001"**

Long.: **163° 19' 11.764"**

Adjusted **X**

1298.8(556.6) meters

209.7(859.7) meters Unadjusted

Plane Coordinates (IV):

State:

Zone:

Y=

X=

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office,
or (IV) Washington Office.

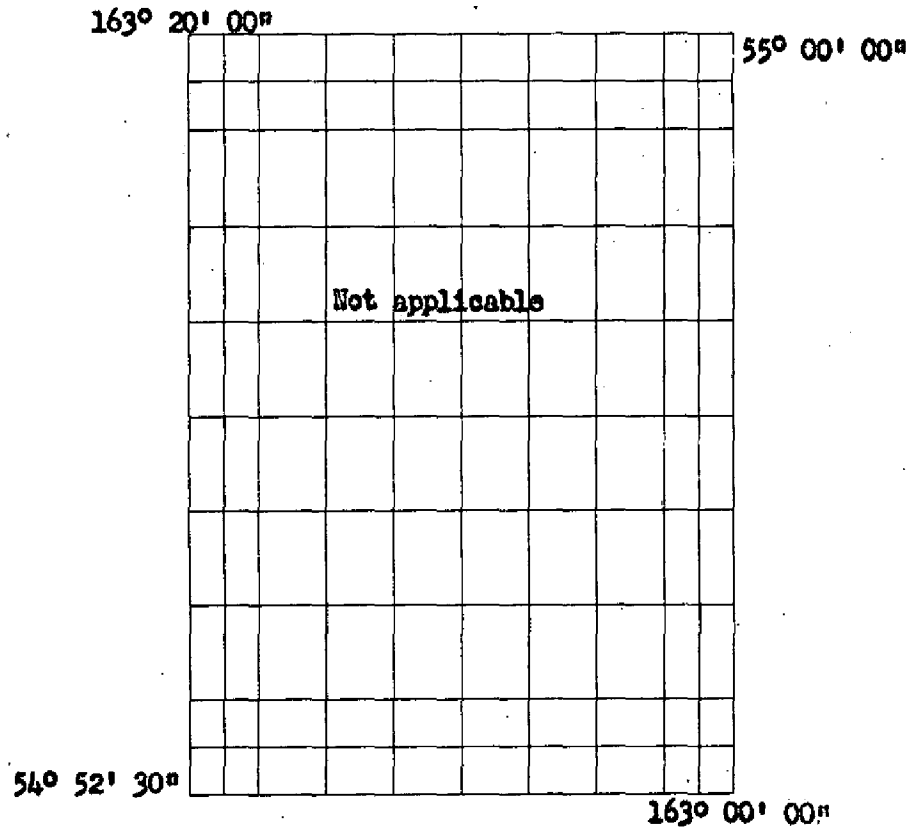
When entering names of personnel on this record give the surname and initials, not initials only.

3.A

FORM 181a
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD



Areas contoured by various personnel
(Show name within area)
(II) (III)

DATA RECORD

b.

Field Inspection by (II): None

Date:

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): Delineated at photogrammetric office by stereoscopic examination of 1932 photographs.

Projection and Grids ruled by (IV):

Date:

Projection and Grids checked by (IV):

Date:

Control plotted by (III): J. E. Deal

Date: 10/23/54

Control checked by (III): D. E. Williams & C. G. Wicks

Date: 10/23/54

Radial Plot ~~on manuscript~~ J. E. Deal & J. E. Deal (uncontrolled) Date: 10/4/54
~~on manuscript~~

Stereoscopic Instrument compilation (III):

Planimetry

Date:

Contours

Date:

Manuscript delineated by (III): T-11A20 (D. E. Williams)
T-11A21 (C. G. Wicks)

Date: 10/12/54
10/16/54

Photogrammetric Office Review by (III): J. E. Deal

Date: 10/24/54

Elevations on Manuscript
checked by (II) (III):

Date:

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): **K. W. Jeffers**

Date: **July 24-30, 1957**

Planetable contouring by (II): **None**

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): **Spot located on 1952 field photographs in July 1957. Transferred to office photographs by use of stereoscope and graphically compiled.**

Projection and Grids ruled by (IV):

Date:

Projection and Grids checked by (IV):

Date:

Control plotted by (III): **J. L. Harris**

Date: **November 1957**

Control checked by (III): **D. N. Williams**

Date: **November 1957**

Radial Plot or Stereoscopic Control extension by (III): **J. L. Harris**

Date: **November 1957**

Stereoscopic Instrument compilation (III):

Planimetry

Date:

Contours

Date:

Manuscript delineated by (III): **C. C. Harris**

Date: **30 November 1957**

Photogrammetric Office Review by (III): **J. E. Deal**

Date: **30 Nov. 1957**

Elevations on Manuscript checked by (II) (III): **None**

Date:

Camera (make and model) (III): U.S.C. & G.S. - 9 lens - Focal length 8.25 inches.⁵

| PHOTOGRAPHS (III) | | | | | |
|-------------------|---------|-------|----------|------------------------|--|
| Number | Date | Time | Scale | Stage of Tide | |
| 37491 thru 37495 | 6/11/52 | 16:00 | 1:20,000 | 0.8 ft. below M.L.L.W. | |
| 38594 thru 38596 | 8/13/52 | 13:11 | 1:20,000 | 2.7 ft. above M.L.L.W. | |

Tide (III)

Reference Station: **Scooper Cove**
 Subordinate Station: **Bochovin Bay**
 Subordinate Station:

| Ratio of Ranges | Mean Range | Mean Range |
|--------------------|---------------|--------------------------|
| | | 3.7 |
| 0.9 | | 3.5 |

Washington Office Review by (IV):

Date:

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): **28**
 Shoreline (More than 200 meters to opposite shore) (III): **32**
 Shoreline (Less than 200 meters to opposite shore) (III): **2000**
 Control Leveling Miles (II):
 Number of Triangulation Stations searched for (II):
 Number of BMs searched for (II):
 Number of Recoverable Photo Stations established (III):
 Number of Temporary Photo Hydro Stations established (III):

Recovered: Identified:
 Recovered: Identified:

Remarks.

5.a
DESCRIPTIVE REPORT - DATA RECORD

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

Camera (kind or source) (III):

| Number | Date | Time | Scale | Stage of Tide |
|------------------|---------|-------|----------|------------------------|
| 37493 thru 37495 | 6/11/52 | 16:00 | 1:20,000 | 0.6 ft. Below M.L.L.W. |

Tide (III)

Reference Station: **Sweeper Cove**
Subordinate Station: **Bechevin Bay**
Subordinate Station:

| Diurnal | | |
|-----------------|------------|------------------|
| Ratio of Ranges | Mean Range | Subsidiary Range |
| | | 3.7 |
| 0.95 | | 3.5 |

Washington Office Review by (IV):

Final Drafting by (IV):

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Date:

Date:

Date:

Date:

Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (III):

Shoreline (Less than 200 meters to opposite shore) (III):

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II):

Recovered:

Identified:

Number of BMs searched for (II):

Recovered:

Identified:

Number of Recoverable Photo Stations established (III):

Number of Temporary Photo Hydro Stations established (III):

Remarks:

* One object was located graphically as a landmark, namely:

WEST GARLE CHURCH 1957

6

SUMMARY
TO ACCOMPANY
SHORELINE MANUSCRIPTS
T-11478 thru T-11481

Subject manuscripts, four (4) shoreline surveys, represent the southern portion of project PH-92, which covers the west coast and offshore islands of the Alaska Peninsula in the State of Alaska between the lines of $54^{\circ} 52' 30''$ and 55° . T-11478 thru T-11481 extend from the northwest part of Unimak Island eastward to Morzhovoi Bay.

The project was assigned to and completed by the Portland Photogrammetric Office from instructions of April 1952 and supplements. Subject manuscripts were compiled between October 1954 and November 1957 from photography of June-August 1952 and field inspection during seasons of 1952 to 1957. Advance shoreline and control was made available in support of hydrographic surveys.

Cronar film positives at the compilation scale of 1:20,000 and the Descriptive Reports will be registered and filed in the Bureau Archives.

June 1960

ALABAMA - MISSISSIPPI BOUNDARY

MISSISSIPPI

MISSISSIPPI BOUNDARY

MISSISSIPPI

2. ANNUAL TIDE INSPECTION

The tide inspection of the shore line of Backbay Bay that is included on both 1-13110 and 7-12110. The Pacific coast line in the center line of Backbay Bay was visited.

The shoreline within Backbay Bay is generally well defined on the water side, and is very high and rugged on the land side. With some exceptions, the shoreline is well defined along the high water line and then gradually rises to the landward a short distance inland.

The terrain is very rugged with much rock growing along drainage. Some rock is exposed on the steep slopes and cliffs.

No attempt was made to make the shoreline; however, frequent trips were made ashore to locate and establish control points. The inner bay at the east end of Backbay Bay was not inspected except from a distance of 1/2 mile from shore. The east end of Kotsprings Bay was covered by skiff, but no shoreline was to be east of the several inland visible areas. Some of these areas should be covered more completely in the future.

The shoreline of the main line was not inspected from launch cruising; however, several points were visited.

3. HORIZONTAL CONTROL

(a) The following horizontal control station was established by the points, as follows:

At VIN 1923

| | | | |
|-------------------|---------------|-----|-------|
| N. Gable of Cabin | NW - N. Gable | 67° | 55.0' |
| ap. 0.4 mile | | 67° | 53.0' |
| south of cabin | | 67° | 52.6' |
| from Station VIN | | 67° | 54.2' |
| | | 67° | 54.3' |
| | | 67° | 54' |

At I. Cable

48° 24'
48° 21'
48° 23'
48° 23'

In 48° 23'

At II. Cable

At II. Cable

At II. Cable

32° 46.5'
82° 45.8'
82° 46.1'
82° 46.2'

In 82° 46.2'

At II. Cable

ISLAND
VIA
I.D.

39° 35'
20° 52'

(b) No datum adjustment was made.

(c) All available control is by U. S. Coast and Geodetic Survey.

(d) A list of control stations to be recovered was not furnished this party. The following control was recovered:

STATION

REMARKS

*JAN 1923

Direct, on field photo 38595.

*JUL 1924

Not plotted.

*NOV 1924-1927

Direct, on field photo 37492.

*DEC 1923

Three checkpoints on field photo 37492.

*MAY 1923

Direct, on field photo 37492.

*MAY 1925

Direct, on field photo 37493.

*MAY 1925

One checkpoint, on field photo 37493.

*KEW 1925 Three subpoints, on field photo 37493.

*ISLAND 1924 Two subpoints, on field photo 38592.

NOTE: *C.S.I. cards submitted.

(e) The stations searched for were those along the shoreline. These were deemed sufficient control and stations further inland were not visited. The identification of control points in the field was done on four days; July 24, 25, 28, and 30.

(f) Stations NOT and EASY were positively identified. Since the accuracy of identification of VIN was poor, the N. Cable of a Cabin about one half mile south along the shore from VIN was located by sextant, and pricked on field photo 38595 as supplemental control. Stations BAY and ELD have only a fair rating as to accuracy of identification. Stations NEST, NEW, and ISLAND had sufficient subpoints accurately identified to make them reliable control points.

4. VERTICAL CONTROL

No vertical control was established.

5. CONTOURS AND DRAINAGE

Not applicable.

6. WOODLAND COVER

None.

7. SHORELINE AND ALONGSHORE FEATURES

(a) The M.H.W. line is generally 3 meters from the S.H.W. line, and is quite evident on the photographs. The M.H.W. line was identified on field photos 37492, 37493, and 38595. The M.H.W. line is somewhat indeterminate in the east end of Hotsprings Bay and Traders Cove.

(b) Hotsprings Bay, Traders Cove, and the shoreline from VIN to NOT were inspected at low water, and M.L.W. line is depicted on field photos 37492, 37493, and 38595.

(c) The foreshore is quite rocky; the few better beaches composed of gravel and cobblestones, and most of the area is boulder lined. Where the shoreline forms a point, boulders extend offshore up to 40 meters.

(d) On the east side of the bay bluffs rise from the beach to heights varying from 15 to 50 feet, as far south as latitude

54° 55'. South of there a plain develops which extends from a rocky plateau to the beach. The east side of the bay is rimmed with low cliffs in the south changing to bluffs and then to plains as Traders Cove is entered.

Traders Head is steep sloping all around, with cliffs or small alluvial fans reaching the beach. Hotsprings Bay is mostly lined with bluffs with low plains at the eastern end.

(e) There are no cultural features in the area except for the native village of Morahovoi on the south shore of Traders Cove and a few unimportant cabins.

(f) There are no submarine cables in the area.

(g) There are no shoreline structures in the area.

8. OFFSHORE FEATURES

The rock shown on chart 8701 and noted on the preliminary manuscript 11481 was looked for at half tide, but not found. A rocky point does extend offshore in this region, however, and its extreme point was noted to be on range with BED and the W. Cable of Cabin south of Station VIN.

In the vicinity of station EASY the offshore is characterized by rock ledges which are visible on photo 37492.

A reef was located in the entrance to Hotsprings Bay, north of station NEM, by the hydrographic party working in that area. The location of the reef, and shoreline features of Hotsprings Bay, may be seen on the hydrographic survey numbered PF-2157.

The mean low water line was located with fair accuracy in Traders Cove, Hotsprings Bay, and on the west shore of Beebevin Bay from VIN to NOT.

9. LANDMARKS AND AIDS

(a) The church in the village of Morahovoi, shown on chart 8701, is the only landmark in the area. Sextant cuts were taken on the W. Cable of the Church as follows:

- 5 -

| | | | |
|---------|-----------------|-------|-------|
| At HOT: | Red - W. Cable | 35° | 42.0' |
| | | 35° | 43.5' |
| | | <hr/> | |
| | | 35° | 42.8' |
| At BAY: | W. Cable - East | 32° | 49.2' |
| | | 32° | 50.4' |
| | | 32° | 49.0' |
| | | 32° | 49.6' |
| | | <hr/> | |
| | | 32° | 49.6' |

- (b) Interior landmarks consist of mountain peaks.
- (c) No aeronautical aids exist in the area.
- (d) No fixed aids to navigation exist in the area.
- (e) No floating aids to navigation exist in the area.

10. BOUNDARIES, MONUMENTS AND LINES

Not applicable.

11. OTHER CONTROL

No marked stations were established.

One cabin at the east end of Hot Springs Bay was not possible to locate from the control available.

12. OTHER INTERIOR FEATURES

There are no cultural features other than those previously mentioned. The natural features are all evident on the photographs.

13. GEOGRAPHIC NAMES

No investigation was made.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

None.

- 6 -

Respectfully submitted,

E. William Jeffers
RMS, CMCS

Approved and Forwarded:

F. B. Quinn
Captain, CMCS
Comdg. Ship PATFIVEONE

PHOTOGRAMMETRIC PLOT REPORT

Map Manuscripts T-11480 and T-11481

Project Ph-92

21 Area Covered:

This radial plot covers an area along the Alaska Peninsula in the vicinity of Bechevin Bay and Morzhovoi Bay. It comprises Map Manuscripts T-11480 and T-11481. The previously radially plotted advance manuscripts T-11478 and T-11479 were included in this radial plot in order to assure satisfactory control extension junctions to the north. There are no contemporary advance manuscripts to the east, west and south.

22 Methods:

Horizontal control stations identified during the 1957 Alaska field season were plotted on the projections for T-11480 and T-11481 on which preliminary shoreline had been previously compiled. These were then joined together with advance manuscripts T-11478 and T-11479. The templates were oriented to the horizontal control stations directly on the four joined manuscripts. Master Templet No. 36260 was used to correct the photographs for paper distortion and transforming errors. A satisfactory radial plot was completed and excellent resections of radials of photogrammetric points were obtained. These points were circled on the reverse side of the manuscripts with red plastic ink.

23 Adequacy of Control:

The horizontal control identification for the area of this radial plot was satisfactory. The 1957 identifications for triangulation stations BED 1923 and ISLAND 1924 could not be held with other control stations in the area. BED 1923 was disregarded but ISLAND 1924 was held to the 1952 direct identification of the station which is shown on a hand held photograph. Other station identifications which were slightly in doubt were VIN 1923, NOT 1925, NEW 1925 and EASY 1923. These were held on most photographs but because the photography was made in 1952 it was difficult to transfer the 1957 identification to some of the photographs. In no case were the radials held off more than tangent to the plotted positions. The sub-stations for NEW 1925 could not be used because no angles were given on the identification card. The station was identified directly on the photographs by the arc method using the distances given to the three sub-stations. Scale factors were not furnished for this identification.

24. Supplemental Data:

None.

25. Photography:

The photography was adequate as to coverage except for a small area in T-11480 along the west shoreline of Bechevin Bay south of station NOT 1924, where only slim angle resections of radials to pass points were obtained. Definition of the photography was poor.

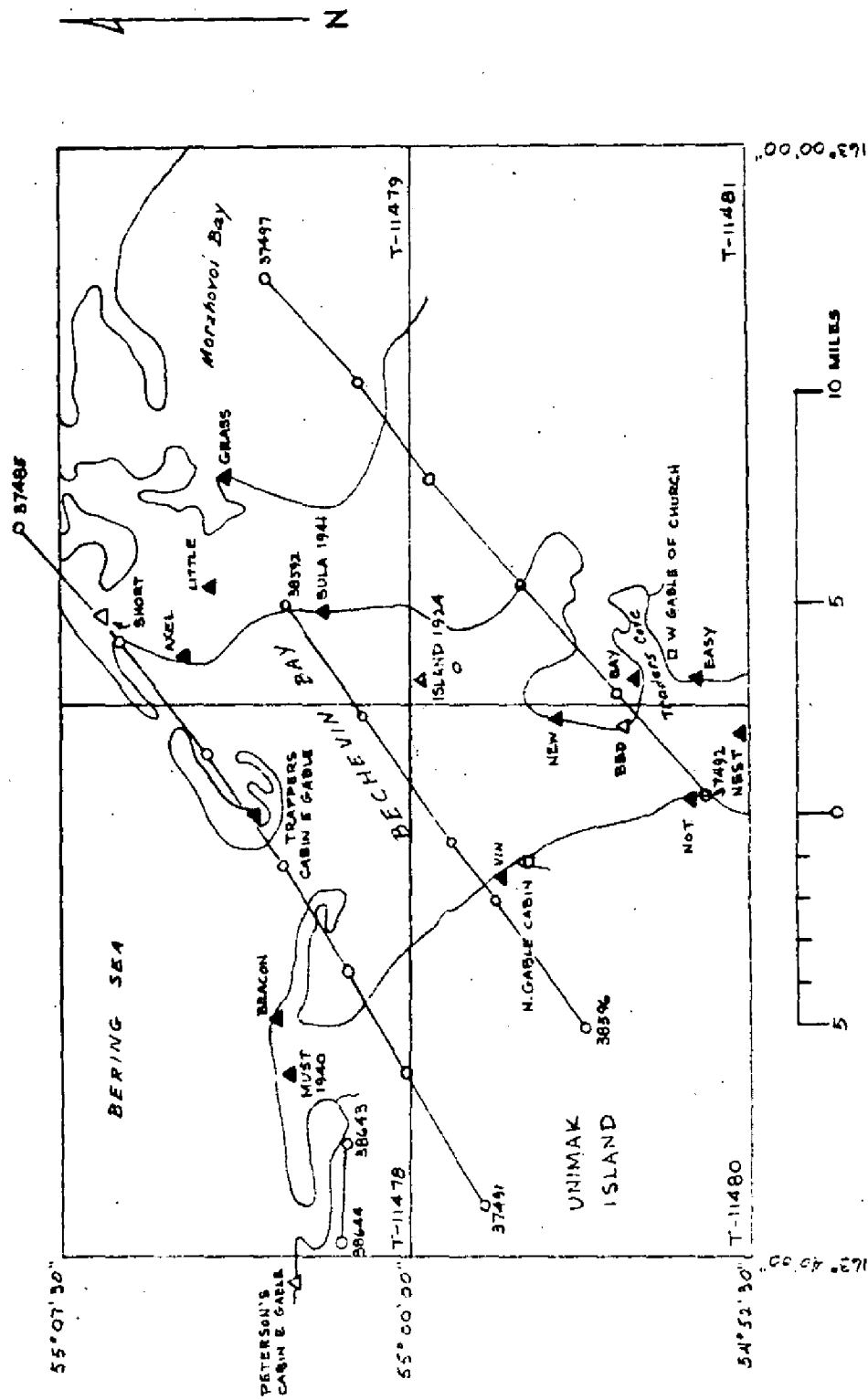
Approved:

V. Ralph Sobieralski
LCDR C&G Survey
Officer-in-Charge

Respectfully submitted:

J. Edward Deal
Cartographer
C&GS

SKETCH OF RADIAL PLOT FOR T-11480 AND T-11481 ALASKA PENINSULA - PROJECT PH-92



- LEGEND
- ▲ IDENTIFIED HORIZONTAL CONTROL STATION
 - △ HORIZONTAL CONTROL STATION DISCUSSED IN REPORT
 - RECOVERY POINTS TOPOGRAPHIC STA. (LOCATED GRAPHICALLY)
 - NINE-LENS PHOTOGRAPH CENTERS

MAP T-11481

PROJECT NO. Ph-92

SCALE OF MAP 1:20,000

Pg. 1 of 2

SCALE FACTOR None

| STATION | SOURCE OF INFORMATION (INDEX) | DATUM | LATITUDE OR ν -COORDINATE LONGITUDE OR x -COORDINATE | | DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS | | DATUM CORRECTION | N.A. 1927 DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS | | FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS | |
|--------------------|-------------------------------|--------------|---|----|---|--------|------------------|---|----------|--|--------|
| | | | | | FORWARD | (BACK) | | FORWARD | (BACK) | FORWARD | (BACK) |
| BAY, 1925 | V 720 | N.A. 1927 | 54 | 55 | 06.880 | | | 212.8 | (1642.6) | | |
| | | | 163 | 18 | 23.051 | | | 410.7 | (658.1) | | |
| TRADER, 1923 | V 714 | " | 54 | 55 | 49.161 | | | 1519.6 | (335.8) | | |
| | | | 163 | 19 | 29.604 | | | 527.2 | (511.3) | | |
| EASY, 1923 | V 714 | " | 54 | 53 | 42.001 | | | 1298.8 | (556.6) | | |
| | | | 163 | 19 | 11.764 | | | 209.7 | (859.7) | | |
| WEST, 1923 | V 728 | " | 54 | 53 | 16.116 | | | 498.4 | (1357.0) | | |
| | | | 163 | 08 | 47.821 | | | 852.5 | (217.0) | | |
| PEAK, W of 3, 1941 | V 721 | " | 54 | 57 | 39.57 | | | 1223.6 | (631.8) | | |
| | | | 163 | 14 | 22.97 | | | 408.7 | (658.9) | | |
| PEAK, C of 3, 1941 | V 721 | " | 54 | 58 | 32.584 | | | 1007.6 | (847.8) | | |
| | | | 163 | 12 | 03.685 | | | 65.5 | (1001.7) | | |
| PEAK, E of 3, 1941 | V 721 | " | 54 | 59 | 25.585 | | | 791.2 | (1064.2) | | |
| | | | 163 | 08 | 14.917 | | | 265.2 | (801.6) | | |
| LARGE, 1923 | V 730 | " | 54 | 59 | 21.212 | | | 655.9 | (1199.4) | | |
| | | | 163 | 05 | 30.015 | | | 533.7 | (533.2) | | |
| RED, 1923 | V 730 | " | 54 | 59 | 57.585 | | | 1780.8 | (74.7) | | |
| | | | 163 | 07 | 03.439 | | | 61.1 | (1005.5) | | |
| KEN, 1923 | V 728 | " | 54 | 56 | 47.936 | | | 1482.3 | (373.1) | | |
| | | | 163 | 01 | 57.308 | | | 1020.1 | (47.9) | | |
| SPIT, 1923 | V 728 | " | 54 | 58 | 19.999 | | | 617.8 | (1237.6) | | |
| | | | 163 | 02 | 54.081 | | | 962.0 | (105.3) | | |
| RON, 1923 | V 728 | " | 54 | 58 | 53.162 | | | 1643.9 | (211.5) | | |
| | | | 163 | 04 | 00.009 | | | 0.2 | (1066.9) | | |

1 FT. = 3048006 METER

COMPUTED BY J.L.H.

DATE 10/18/54

CHECKED BY F.N.

DATE 10/20/54

M-2388-12

COMPILATION REPORT

Preliminary Map Manuscripts No'd. T-11480 and T-11481

31. Delineation:

The same conditions described in the Descriptive Report for T-11478 are applicable to these two map manuscripts except that there was no field inspection at any place in the area.

32 thru 48.

These items are the same as described in the Descriptive Report for T-11478.

Approved and forwarded:

Fred Matella
Comdr., USC&GS
Officer-in-Charge

Respectfully submitted:

J. Edward Deal, Jr.
Cartographer
USC&GS

COMPILATION REPORT

Advance Map Manuscript T-11481

Project Ph-92

31 thru 35

Compilation of T-11481 is exactly as described for T-11480. Refer to the Compilation Report for T-11480 for Items 31 thru 35.

36 Offshore Details:

Two rocks on which data on bearing was not furnished and a small reef area are shown.

37 Landmarks and Aids:

Form 567 is submitted by the Photogrammetric Office for one landmark as follows:

WEST GABLE CHURCH 1957

38 Control for Future Surveys:

The landmark mentioned in the previous paragraph is suitable for control for future hydrographic surveys. It is listed in Paragraph 49 "Notes to the Hydrographer".

39 Junctions:

Satisfactory junctions were made on the north with T-11479 and on the west with T-11480. It was necessary to make a very minor shoreline change in advance manuscript T-11479 at the south limits of the west shoreline of Morzhovoi Bay. There are no contemporary surveys to the south and east.

40 Horizontal and Vertical Accuracy:

There are no areas of sub-normal horizontal accuracy.

46 Comparison with Existing Maps:

The preliminary map manuscript for T-11481 was completely recompiled and all shoreline and other planimetry has been relocated.

There were no other existing maps available for comparison purposes.

47 Comparison with Nautical Charts:

Comparison was made with nautical chart No. 8701, Scale, 1:80,660, edition of Feb. 1943, last corrected 3/17/52.

Items to be applied to nautical charts immediately

None.

Items to be carried forward.

None.

Approved:

Respectfully submitted:

V. Ralph Sobieralski
LCDR C&G Survey
Officer-in-Charge

J. Edward Deal
Cartographer
C&GS

GEOGRAPHIC NAMES LIST

*Alaska Peninsula

*Bechevin Bay
Boulder Point

Hotsprings Bay

Isanotski Islands

*Morzhovoi

Traders Cove
Traders Head
Traders Mountain

* B.G.N. Decision

George M. Bare
GEOGRAPHIC NAMES SECTION
10 MARCH 1960

49 Notes to the Hydrographer:

One recoverable topographic station was located graphically.
It is:

WEST GABLE CHURCH 1957

REVIEW REPORT
OF
SHORELINE MANUSCRIPTS
T-11478 thru T-11481
June 1960

62. Comparison with Registered Topographic Surveys

| | | |
|--------|----------|------|
| T-4028 | 1:10,000 | 1923 |
| T-4046 | 1:20,000 | 1923 |
| T-4078 | 1:10,000 | 1924 |
| T-4148 | 1:10,000 | 1925 |
| T-8536 | 1:20,000 | 1943 |

Minor differences exist between these surveys. They are not in excess of normal expectations of time interval. Subject surveys are to supersede above-listed topographic surveys of identical areas for nautical charting purposes.

63. Comparison with Maps of Other Agencies

| | | |
|----------------------|-----------------|------------------------|
| Fort Randall, Alaska | 1:250,000, 1950 | U.S. Geological Survey |
| False Pass, Alaska | 1:250,000, 1950 | U.S. Geological Survey |

These topographic maps were compiled from plane-table surveys of 1929 and aerial photography of 1942 and 1943. Some differences exist between these surveys.

64. Comparison with Contemporary Hydrographic Surveys

| | | |
|--------|----------|------|
| H-8373 | 1:20,000 | 1957 |
| H-8374 | 1:20,000 | 1957 |
| H-8375 | 1:20,000 | 1957 |

The shoreline has not been added to H-8374. The hydrographic information shown does interfere slightly in 2 places with the corresponding shoreline as shown on the T-sheet. However, the shoreline involved is on a sandspit of shifting sand dunes, where even greater deviations may be expected. Other than this, there is good agreement between these surveys.

65. Comparison with Nautical Charts

| | | |
|------|-------------|---------------------|
| 8860 | 1:300,000 | Revised to 10/19/59 |
| 8802 | 1:1,023,188 | Revised to 12/21/59 |

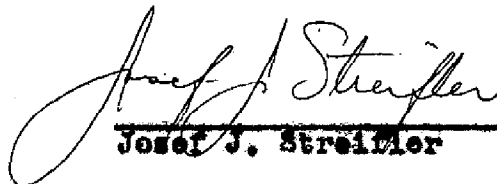
There is good agreement.

66. Adequacy of Results and Future Surveys

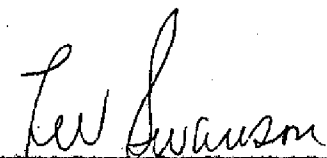
Of the four (4) subject surveys T-11478 and T-11479 were partially field edited by the hydrographic party in 1957, which resulted in several revisions to be applied to the effected T-sheets.

T-11478 thru T-11481 were completed according to project instructions and no deficiencies in accuracy or adequacy are indicated.


Reviewed by:


Josef J. Streifler

| | | |
|---|--|--|
|  |  | Nautical Chart Division Office of Cartography |
| Chief, Review & Drafting Sec. Photogrammetry Division | Chief, Nautical Chart Branch Charts Division 5/18/61 | |


Chief, Photogrammetry
Division

30 March 1961


Chief, Coastal Surveys Division
Assistant Director for Oceanography

NAUTICAL CHARTS BRANCH

SURVEY NO. T-11481

Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.