

11480

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-11480

LOCALITY

Territory Alaska
~~State~~

General locality North Shore Alaska Peninsula

Locality Bechevin Bay

19 57

CHIEF OF PARTY

F. B. Quinn, Chief of Party

V. Ralph Sobieralski, Portland Photogrammetric
Office

LIBRARY & ARCHIVES

DATE

COMM-DC 61300

11480

DATA RECORD

2.

Preliminary Manuscripts T-11480 & T-11481

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

Quadrangle Name (IV):

Field Office (II):

Chief of Party:

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

Officer-in-Charge: **Fred Matella**

Instructions dated (II) (III): **16 August 1934**

Copy filed in Division of
Photogrammetry (IV)

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

Manuscript Scale (III): **1:50,000 (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): **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): **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 - 11480

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

Quadrangle Name (IV):

Field Office (II): **62209 PAINFOLDER**

Chief of Party: **P. D. Quinn**

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

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

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): **VIN 1923**

Lat.: **54° 58' 18.912"**

Long.: **163° 26' 26.072"**

584.8 (1270.6) meters

463.8 (603.6) meters

Adjusted **X**
Unadjusted

Plane Coordinates (IV):

State:

Zone:

Y=

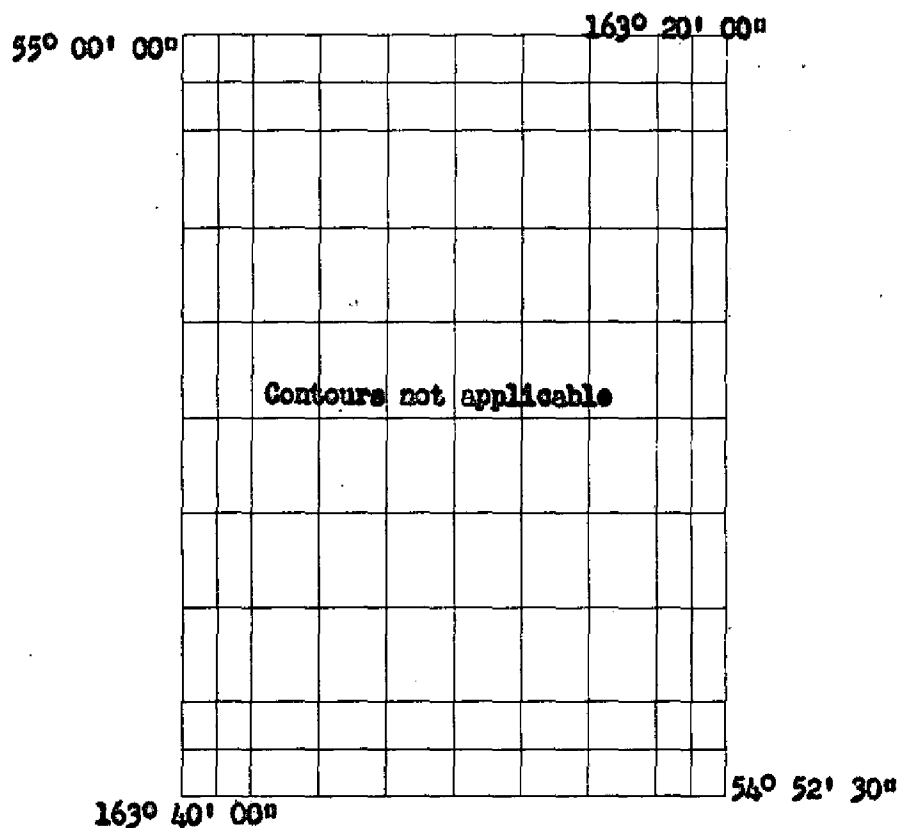
X=

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY



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

DATA RECORD

4.

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): **Calculated at photogrammetric office by stereoscopic examination of 1952 photographs.**

Projection and Grids ruled by (IV):

Date:

Projection and Grids checked by (IV):

Date:

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

Date: **10/25/54**

Control checked by (III): **D. H. Williams & C. C. Wiebe**

Date: **10/28/54**

Radial Plot or ~~Stereoscopic~~ **J. L. Harris & J. E. Deal (uncontrolled)** Date: **10/4/54**
~~Control extension by (III):~~

Stereoscopic Instrument compilation (III):

Planimetry

Date:

Contours

Date:

Manuscript delineated by (III): **T-11480 (D. H. Williams)**
T-11481 (C. C. Wiebe)

Date: **10/18/54**
10/18/54

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

Date: **10/26/54**

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): **L. 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 in July 1957 on field photographs taken June and August 1952, 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: **Nov. 1957**

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

Date: **Nov. 1957**

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

Date: **Nov. 1957**

Stereoscopic Instrument compilation (III):
Planimetry
Contours

Date:

Date:

Manuscript delineated by (III): **J. L. Harris**

Date: **Nov. 30, 1957**

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

Date: **Nov. 30, 1957**

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

Date:

Camera (kind or source) (III): **U.S.C. & G.S. - 9 lens - Focal length 8.25 inches.** ^{5.}

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

Ratio of Ranges	Mean Range	Mean Diurnal 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): **none**
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:

DESCRIPTIVE REPORT - DATA RECORD

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEYCamera (kind or source) (III): **Contax 9 lens focal length 0.25 inches**

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
37459 thru 37499	6/11/62	16:00	1:20,000	0.7 ft. below M.L.L.W.
38594 thru 38596	6/13/62	13:10	1:20,000	2.7 ft. above M.L.L.W.

Tide (III)

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

Ratio of Ranges	Mean Range	Normal Range
		3.7
0.9		2.5

Washington Office Review by (IV):

Final Drafting by (IV):

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Date: *June 1960*Date: *Oct. 54 - Nov. 57*Date: *June 1960*Date: *Oct. 1960*Land Area (Sq. Statute Miles) (III): **05**Shoreline (More than 200 meters to opposite shore) (III): **11**Shoreline (Less than 200 meters to opposite shore) (III): **Done**

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): **6**Recovered: **6**Identified: **5**Number of BMs searched for (II): **Done**

Recovered:

Identified:

Number of Recoverable Photo Stations established (III): **1**Number of Temporary Photo Hydro Stations established (III): **Done**

Remarks:

* Located at Photogrammetric Office as landmark for charts
Form 524 not submitted

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.

Crownar 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

FIELD INSPECTION REPORT

STATIONS: 2-11400 & 2-11401

ALASKA PENINSULA - UMIK ISLAND

DEGEVIA BAY

PROJECT NO. 13750

1957

2. AREAS FROM INSPECTION

The area inspected covers the shoreline of Degevia Bay that is included on both 2-11400 and 2-11401. The Pacific coast line in the eastern half of 2-11401 was not visited.

The shoreline within the bay is generally well defined on the photographs, and is very rocky and boulder strewn. With some exceptions, the land rises to bluffs or cliffs from the high water line and then gradually rises to the mountains a short distance inland.

The terrain is grass covered with scrub brush growing along drainage. Bare rock is exposed on the steeper slopes and cliffs.

No attempt was made to walk the shoreline; however, frequent trips were made ashore in locating horizontal control points. The inner bay at the east end of Traders Cove was not inspected except from a distance of $\frac{1}{2}$ mile from launch. The east end of Hot Springs Bay was covered by ship, but no attempt was made to go east of the several islands visible on the photographs. Both of these areas should be covered more completely during the field edit.

The remainder of the shoreline was inspected from a launch cruising several hundred meters off shore.

3. HORIZONTAL CONTROL

(a) The following supplemental control station was established by permanent cuts, as follows:

At VII 1923

N. Cable of Cabin approx. 0.4 mile south along beach from Station VII	N. Cable	67°	53.0'
		67°	53.0'
		67°	52.0'
		67°	51.2'
		67°	51.0'
		67°	51.0'

BED - N. Cabo

46° 24'
 46° 21'
 46° 23'
 46° 23'

In

 45° 23'
At N. Cabo 1925

N. Cabo Cabo

N. Cabo - ISLAND

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

In

 82° 46.2'
At N. Cabo Cabo

ISLAND

39° 35'

NEH

DEB

20° 52'

(b) No datum adjustments were 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:

STATIONREMARKS

*VIN 1923

Direct, on field photo 38595.

*SHAL 1924

Not picked.

*NOT 1924-1957

Direct, on field photo 37492.

*NESE 1923

Three subpoints on field photo 37492.

*EASY 1923

Direct, on field photo 37492.

*BAY 1925

Direct, on field photo 37493.

*BED 1925

One subpoint, on field photo 37493.

WHEU 1925

Three subpoints, on field photo 37493.

WHEU 1924

Two subpoints, on field photo 30592.

NOTE: C.S.I. cards submitted.

(c) The stations considered for were those along the shoreline. There 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, 26, and 30.

(d) Stations WHEU and WHEU were positively identified. Since the accuracy of identification of WHEU was poor, the U. Cable of a Cabin about one half mile south along the shore from WHEU was located by contact, and picked on field photo 30595 as supplemental control. Stations WHEU and WHEU have only a fair rating as to accuracy of identification. Stations WHEU, WHEU, and WHEU 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.U. line is generally 3 meters from the S.H.U. line, and is quite evident on the photographs. The M.H.U. line was identified on field photos 37492, 37493, and 30595. The M.H.U. line is constant indeterminate in the east end of Hot Springs Bay and Starora Cove.

(b) Hot Springs Bay, Starora Cove, and the shoreline from WHEU to WHEU were inspected at low water, and M.H.U. line is depicted on field photos 37492, 37493, and 30595.

(c) The shoreline is quite rocky; the few better beaches composed of gravel and cobbles, 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. Hot Springs Bay is mostly lined with bluffs with low plains at the eastern end.

(c) There are no cultural features in the area except for the native village of Marshovet 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 5701 and noted on the preliminary manuscript 11461 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 EDM and the U. Cable of Cabin south of Station VII.

In the vicinity of station E157 the offshore is characterized by rock ledges which are visible on photo 37492.

A reef was located in the entrance to Hot Springs Bay, north of station EEM, by the hydrographic party working in that area. The location of the reef, and shoreline features of Hot Springs Bay, may be seen on the hydrographic survey numbered 57-2157.

The mean low water line was located with fair accuracy in Traders Cove, Hot Springs Bay, and on the west shore of Echovia Bay from VIII to E03.

9. LANDMARKS AND AIDS

(a) The church in the village of Marshovet, shown on chart 5701, is the only landmark in the area. Sighting cuts were taken on the U. Cable of the Church as follows:

At EYE:	East - U. Cable	350	42.0'
		350	43.5'
	IN	350	42.0'
At RAY:	U. Cable - East	320	49.2'
		320	50.4'
		320	49.0'
		320	49.6'
	IN	320	49.6'

- (b) Interior landmarks consist of mountain peaks.
- (c) No conventional 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 photographic.

13. GEOGRAPHIC NAMES

No investigation was made.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

None.

Respectfully submitted,

H. William Jeffers
ENS, 6209

Approved and Forwarded:

F. D. Quinn
Captain, 6208
Comdg. Ship PAKETIDE

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 Template 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:

Mono.

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.

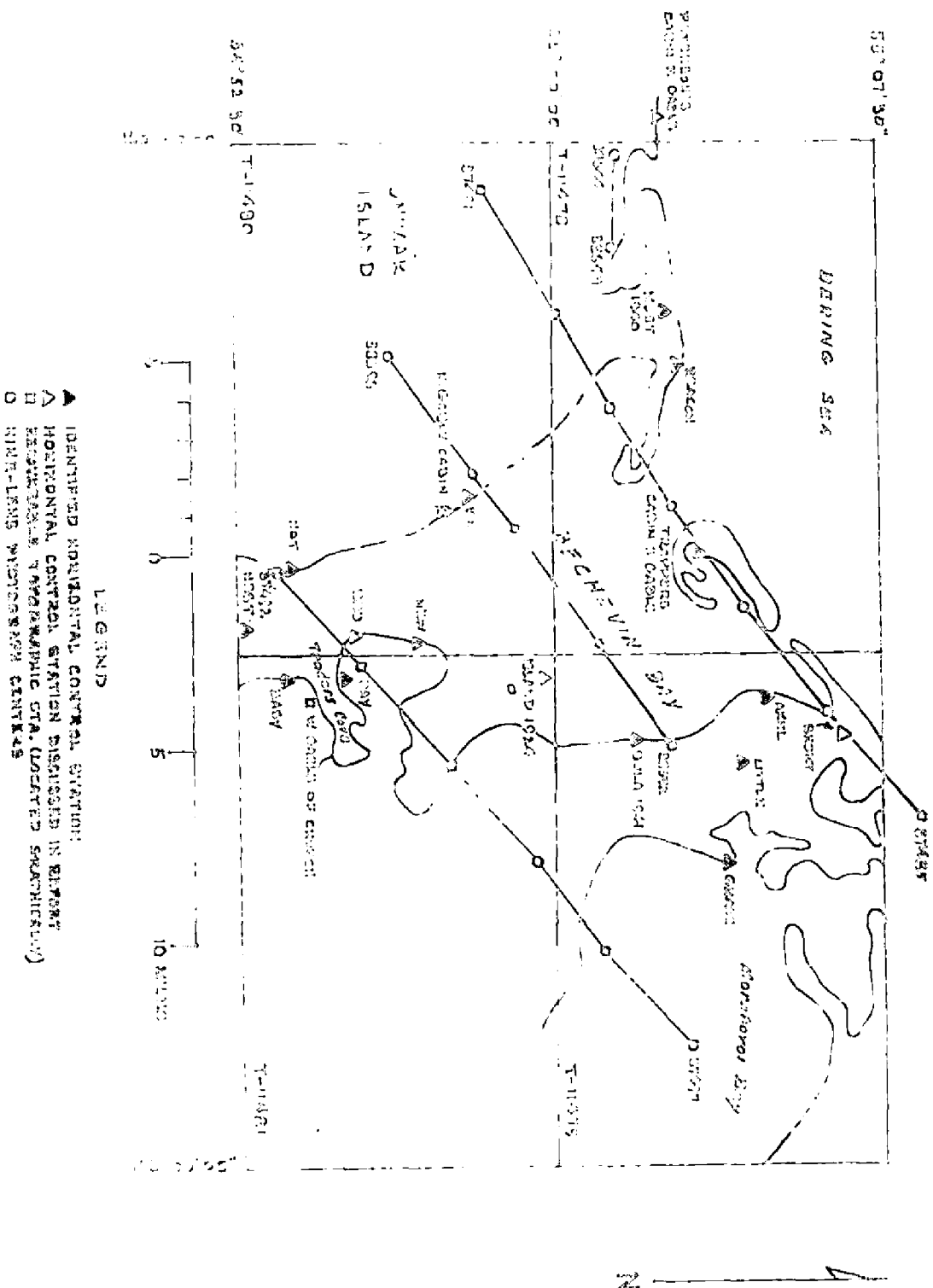
Approved:

Respectfully submitted:

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

J. Edward Deal
Cartographer
C&GS

SKETCH OF RADIAL PLOT FOR T-11420 AND T-11431 ALASKA PENINSULA - PROJECT D-11420



MAP T. 11A80

PROJECT NO. Ph-92

SCALE OF MAP 1:20,000

SCALE FACTOR None

STATION	SIGHTING INFORMATION (SEE PAGE 2)	DATUM	LATITUDE OR U. COORDINATE		LONGITUDE OR X COORDINATE		DISTANCE FROM OR TO INTERIOR OR PROJECTED POINT (SEE PAGE 2)	NA 1927 DATUM	ELEVATION (SEE PAGE 2)
SHOAL, 1924	V 719	1927	54	56	47.476	163	25	18.054	2168.1 (287.5)
MIKES CREEK, 1940	V 715	"	54	59	48.763	163	23	21.767	321.6 (746.7)
CONICAL PEAK 1941	V 721	"	54	56	51.015	163	34	21.673	1501.9 (347.5)
HARD, 1923	V 724	"	54	53	09.950	163	25	08.343	385.0 (579.7)
END, 1923	V 714	"	54	54	03.517	163	25	21.217	1577.5 (277.8)
VIN, 1923	V 715	"	54	58	18.912	163	26	26.072	385.8 (582.2)
NOT, 1924	V 719	"	54	54	23.422	163	23	50.472	307.7 (2547.7)
NEW, 1925	V 720	"	54	57	16.767	163	20	06.037	148.8 (927.7)
BED, 1923	V 720	"	54	55	55.234	163	20	34.431	108.8 (1746.6)
BED Sub. Pt.		"	54	55		163	20		278.6 (690.6)
NEXT 1923	V 719	"	54	52	37.437	163	20	49.299	584.8 (1270.6)
NEXT Subl. Pt.		"	54	52		163	20		462.8 (605.6)
			54	55	55.234	163	20	34.431	724.3 (1131.2)
			54	55		163	20		899.3 (169.3)
			54	57	16.767	163	20	06.037	518.5 (1236.9)
			54	55	55.234	163	20	34.431	107.4 (960.4)
			54	55		163	20		1708.0 (247.4)
			54	55		163	20		613.1 (455.3)
			54	55		163	20		1674.6 (180.8)
			54	55		163	20		648.2 (420.2)
			54	52	37.437	163	20	49.299	1159.2 (696.2)
			54	52		163	20		879.1 (190.8)
			54	52		163	20		1141.5 (713.9)
			54	52		163	20		869.0 (200.9)

1 FT. = 3048008 METER

COMPUTED BY J. L. H.

DATE 10/18/54 - 11/12/57

CHECKED BY

F.N. - D.M.W.

DATE

10/20/54 - 11/13/57

M 1166 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 Natella
Comdr., USC&GS
Officer-in-Charge

Respectfully submitted:

J. Edward Deal, Jr.
Cartographer
USC&GS

COMPILATION REPORT

Advance Map Manuscript T-11480

Project Ph-92

31 Delineation:

Graphic methods were used for the compilation of this map manuscript.

32 Control:

Refer to Photogrammetric Plot Report for T-11480 and T-11481 which is included in this report.

33 Supplemental Data:

None.

34 Contours and Drainage:

Contours not applicable. Drainage was interpreted at the compilation office.

35 Shoreline and Alongshore Details:

The mean high-water line was delineated from field inspection data furnished on the 1952 field prints and from office examination of the photographs.

Approximate and definite low-water lines were furnished in the field inspection and hydrographic survey data. There were no along-shore structures.

36 Offshore Details:

None.

37 Landmarks and Aids:

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

"North Gable of Cabin 1957"

This object was not recommended by the field inspection party but since it is the only building in the area Form 567 is submitted.

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 for the Hydrographer".

39. Junctions:

Satisfactory junctions were made on the north with T-11478 and on the east with T-11481. There are no contemporary surveys to the south and west.

40. Horizontal and Vertical Accuracy:

There are no areas of subnormal horizontal accuracy.

46. Comparison with Existing Maps:

The preliminary map manuscript for T-11480 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&G

GEOGRAPHIC NAMES LIST

*Alaska Peninsula

*Bechevin Bay

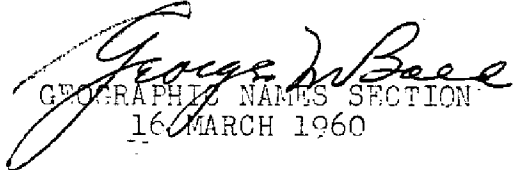
Isanotski Strait

Rocky Point

Traders Head

*Unimak Island

* B.G.N. Decision


GEOGRAPHIC NAMES SECTION
16 MARCH 1960

65. Comparison with Nautical Charts

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

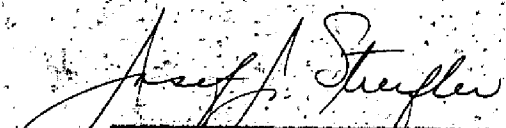
There is good agreement.

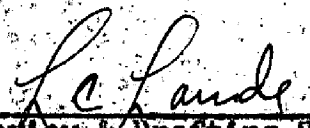
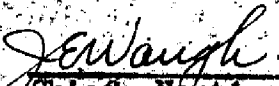
66. Adequacy of Results and Future Surveys

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.

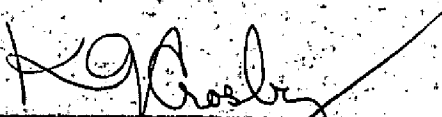
T-11478 thru T-11481 were completed according to project instructions and no deficiencies in accuracy or adequacy are indicated.

Reviewed by:


Josef S. Streifler

 Chief, Review & Drafting Sec. Photogrammetry Division	 Chief, Nautical Chart Branch Charts Division 5/18/61	Nautical Chart Division Office of Coast Survey
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Chief, Photogrammetry Division
31 March 1961


Chief, Coastal Surveys Division
Assistant Director for Oceanography

NAUTICAL CHARTS BRANCH

SURVEY NO. T-11480

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.