9573 11092

9573 11092

Diag. Cht. No. 8859.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Shoreline (Photogrammetric)

T-9573

Field No. Ph-40(49) *Office No.* T-11092

LOCALITY

State Alaska

General locality North Shore, Alaska Peninsula.

Locality Port Moller

1942-50

CHIEF OF PARTY

J.H.Brittain, Chief of Field Party

J.C.Sammons, Baltimore Photo. Office

LIBRARY & ARCHIVES

DATE June 23, 1958

8-1870-1 (1)

DATA RECORD

T ~~9571~~, T-9573
~~T-11091 thru 11095~~
T-11092 ~~and T-11093~~

Project No. (II): Ph 40 (49) Quadrangle Name (IV): ~~Upper~~

Field Office (II): Portland, Oregon Chief of Party: J.H. Brittain

Photogrammetric Office (III): Baltimore, Maryland Officer-in-Charge: J.C. Sammons

Instructions dated (II) (III): Office: 16 December 1952 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): 1,000

Date received in Washington Office (IV): 2-19-53 Date reported to Nautical Chart Branch (IV): 2-26-53

Applied to Chart No. Date: Date registered (IV): 18 Sept 1957

Publication Scale (IV): Publication date (IV):

Geographic Datum (III): N.A. 1927 (Unadjusted) Vertical Datum (III): MHW

To adjust to N.A. 1927 datum projections and grids to be moved 4.00 meters south.

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): DEER, 1950

Lat.: 55° 55' 27.445" (860.3m) Long.: 160° 48' 45.328" (812.4m) ~~Adjusted~~ Unadjusted

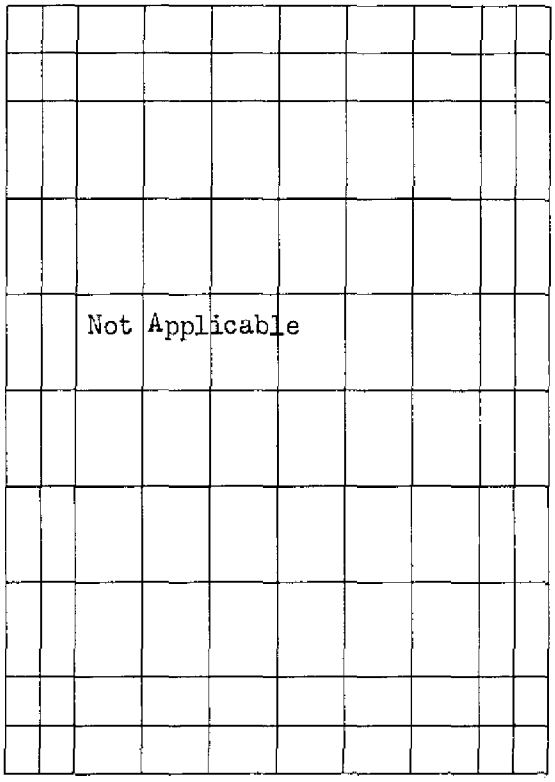
Plane Coordinates (IV): State: Zone:

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.

M-2618-12(4)



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

DATA RECORD

Field Inspection by (II): I. Zirpel, Jr. Date: June to September, 1950

Planetable contouring by (II): Date:

Completion Surveys by (II): Date:

Mean High Water Location (III) (State date and method of location): Office identification on photos dated July, 1952 based on field inspection.

Projection and Grids ruled by (IV): S. Rose Date: 1-2-53

Projection and Grids checked by (IV): H.D. Wolfe Date: 1-5-53

Control plotted by (III): H.R. Rudolph Date: 1-22-53

Control checked by (III): R. Hartley Date: 1-22-53

Radial Plot [illegible] by (III): F. J. Tarcza Date: 2-4-53

Stereoscopic Instrument compilation (III): Planimetry Date:

Contours Date:

Manuscript delineated by (III): E.L. Williams, R.M. Whitson J.B. Phillips, J. Honick Date: 2-16-53

Photogrammetric Office Review by (III): R. Glaser Date: 2-19-53

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

Camera (kind or source) (III): U.S.C. & G.S. Nine Lens

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
10808 to 10813	9-2-42	1318	1:20,000	6.6 above MLLW
10814 to 10815	"	-"-	"	---
11206 to 11210	9-14-42 ✓	1000	"	6.6 "
11241 to 11242	"	1047	"	8.0 "
11265 to 11268	"	1117	"	8.5 "
14208 to 14215	6-9-43 ✓	1312	"	6.3 "
14276 to 14282 ✓	"	1442	"	6.7 "
38393 to 38401	7-23-52 ✓	1520	"	2.3 "
38469 to 38471	"	1720	"	1.9 "
38794 to 38795	8-14-52	1215	"	0.0 "

Tide (III)

From Predicted tables

Reference Station: Nushagak Bay
Subordinate Station: Port Moller (Entrance Point)
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
	15.2	19.5
*	7.5	10.6

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 mi. (approx)
Shoreline (More than 200 meters to opposite shore) (III): 121
Shoreline (Less than 200 meters to opposite shore) (III): 2
Control Leveling - Miles (II): None
Number of Triangulation Stations searched for (II): Recovered: Identified:
Number of BMs searched for (II): None Recovered: Identified:
Number of Recoverable Photo Stations established (III): 4
Number of Temporary Photo Hydro Stations established (III): 7

Remarks:

* Ratio of Ranges at Port Moller:
0.6 high tide
0.9 low tide

PHOTOGRAMMETRIC PLOT REPORT
Project Ph-40(49)
Surveys T-9571, T-9573, and T-11091 thru T-11095

21. AREA COVERED

This radial plot covers the areas of surveys T-9571, T-9573, and T-11091 thru T-11095. They are shoreline surveys near Port Moller, Alaska. The entire area of T-11092 is included but only parts of the other surveys near the junction with T-11092 are covered by this radial plot.

22. METHOD - RADIAL PLOT

Map Manuscripts: Vinylite sheets, with polyconic projections in black and U.T.M. Alaska, grid in red, at a scale of 1:20,000, were furnished by the Washington office.

All control stations and substitute points were plotted using the beam compass and meter bar, except Sub Pt. HILL, 1950 at which the station was not occupied when this position was established in the field.

A sketch showing the layout of surveys, distribution of control, and photograph centers, is attached to this report.

Photographs: The photographs used in this plot were nine-lens photographs, scale 1:20,000, numbering:

11241, 11242, 11267, 14212, 38393, 38394,
38396 thru 38401,
38469 thru 38471,
38677 thru 38679
38794 thru 38795

A total of twenty (20) photographs were used.

Templets: Vinylite templets were made from all 1952 photographs using a master templet to correct for errors due to film and paper distortion. Uncorrected templets were made from photographs 11241, 11242, 11267, and 14212. There was no master templet for these photographs.

Closure and Adjustment to Control: The radial plot was constructed on vinylite base sheets. The projection sheets were taped together and the control points were transferred to the base sheets which had previously been taped together. Since a 2000 meter grid was ruled, it did not match the base grid lines.

The radial plot was started in Survey T-11092 where there were two flights. Considerable adjustment was necessary to obtain a satisfactory plot because of the extensive areas covered by clouds, which made selection of pass points difficult. The eastern part of the plot offered no problems but the western end required considerable adjustment. The sub pts for FRANK, 1950 could not be held to obtain a good plot. In the northwestern part of T-11092, the radial plot is weak. Photograph 38679 is mostly water and sub pt WALRUS, 1950 could not be identified because

of clouds, nor could suitable pass-points be found on Walrus Island.

Transfer of Points: The manuscripts were laid over the completed plot and after adjusting to control the pass points and centers were pricked on the manuscripts.

23. Adequacy of Control: The control identified is adequate for a normal radial plot. The area near photograph center 38678 is weak because of clouds and water centers. The eastern side of Survey T-11092 is also weak. Pass-points are in water areas where photograph coverage is not adequate, and were difficult to prick because of tone and detail change due to time and tide.

Sub Pt HILL, 1952 could not be held. The radially-plotted position falls 0.8 mm northeast of the geographic position. This was a topographic station, and the substitute station was occupied. The identification was difficult to make. Because LAGOON, 1950 with two substitute points was nearby and held, no further investigation was made.

Sub Pts "A" and "B", FRANK, 1950 fall about 4 mm southeast of the geographic positions. Since both Sub Pts are off the same distance, it appears that the station position may be in error. The stations could not be held in a satisfactory plot. This is an interior station and will not seriously affect the shoreline compilation. There was no control beyond FRANK, 1950 so that a good radially plotted position was not obtained. The positions of shoreline pass-points are believed to be within the required accuracy.

24. SUPPLEMENTARY DATA

No supplementary data was used in the radial plot.

25. PHOTOGRAPHY

Photography in general was of poor quality. In some areas there was insufficient coverage. This was due partly to extensive areas of clouds. Four old nine-lens photographs were used, and transferring common pass-points was difficult due to difference in tide and tone, also changes in detail in the 10 year difference in dates of photography. Offshore areas were completely changed due to shifting sand bars and mud flats. There was no master templet to correct for transforming errors in the old photographs. Many water centers also weakened the plot. The area around Walrus Island appears on only one photograph, No. 14212, dated 1943. Clouds and lack of coverage on other flights prevented establishing pass-points except at the extreme ends of the island.

Respectfully submitted
4 February 1953

Frank J. Tarcza

Frank J. Tarcza
Supervisory Cartographer (Photo)

LAYOUT SKETCH

PH 40 (49)

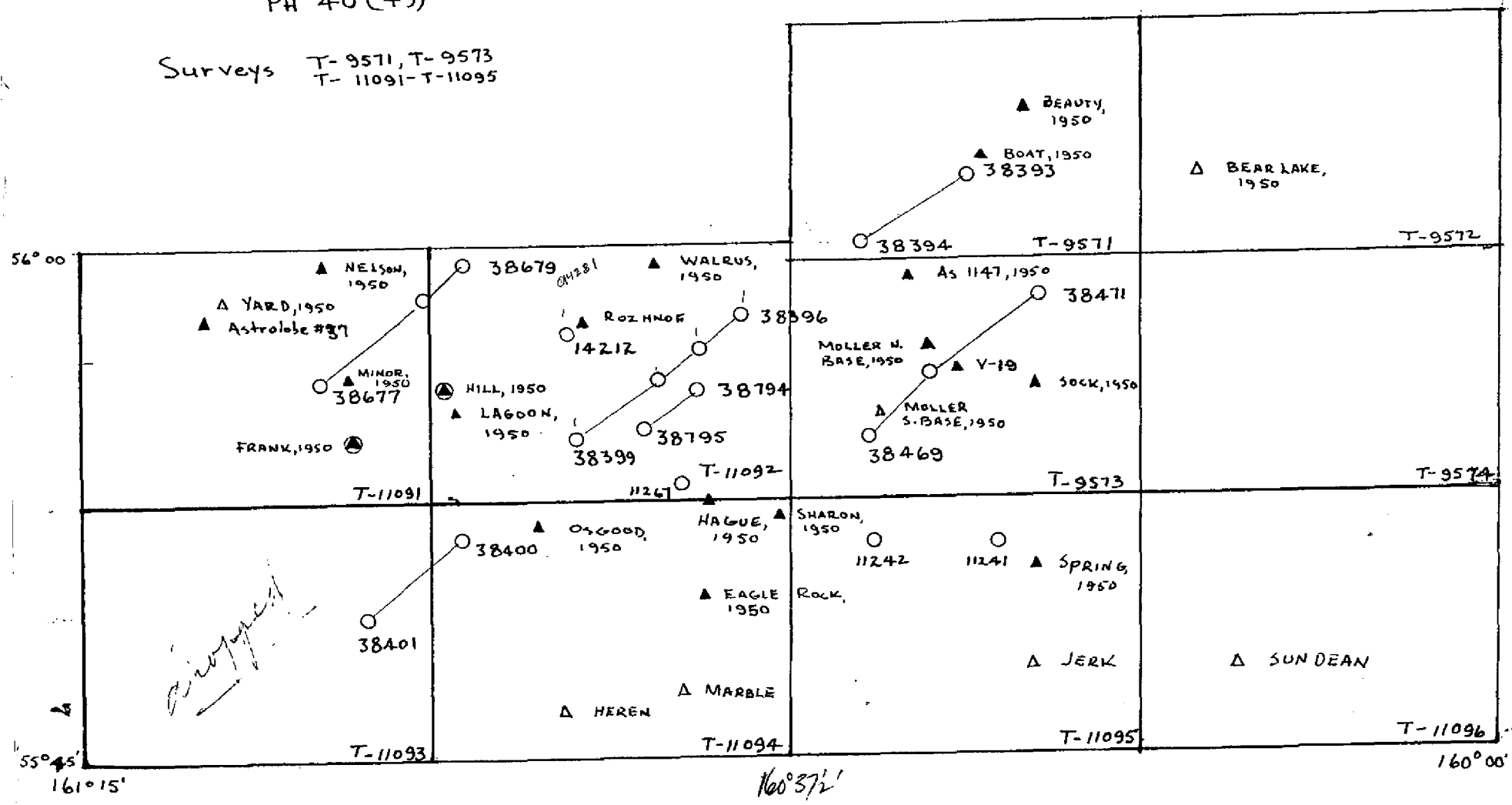
Surveys T-9571, T-9573
T-11091 - T-11095

○ Nine lens photographs

△ Control stations (not identified)

▲ Control stations (identified)

◭ Control stations (not held in plot)



FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT CONTROL RECORD

MAP T- 9573 PROJECT NO. Ph-40 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
AS 1147(U.S.L.M.), 1950	G-10049 Pg. 281	N.A. 1927	55 59 28.035 160 34 29.374			867.1 (988.6) 509.2 (530.9)	
Sub Pt AS 1147(USLM),1950	comp.	"	55 59 160 34			705.2 (1150.5) 495.7 (544.4)	
MOLLER N. BASE, 1950	G-10049 Pg.281	"	55 56 55.232 160 32 21.543			1708.2 (147.5) 373.9 (667.4)	
Sub Pt MOLLER N. BASE,1950	comp.	"	55 56 160 32			1678.3 (177.4) 217.5 (823.8)	
V*19, 1950	G-10049 Pg. 289	"	55 56 55.233 160 31 24.452			1708.2 (147.5) 424.4 (616.9)	
Sub Pt V-19, 1950	comp.	"	55 56 160 31			1700.9 (154.8) 426.1 (615.2)	
SOCK,1950	G-10049 Pg. 280	"	55 57 13.049 160 27 55.825			403.6 (1452.1) 968.7 (72.5)	
Sub Pt "A" SOCK, 1950	comp.	"	55 57 160 27			397.2 (1458.5) 934.5 (106.7)	
Sub Pt. "B" SOCK, 1950	"	"	55 57 160 27			404.5 (1452.1) 1019.3 (21.9)	
LEFT, 1950	G-10049 Pg. 280	"	55 53 07.471 160 23 00.452			231.1 (1624.6) 7.9 (1035.1)	
Sub Pt. LEFT, 1950	comp.	"	55 53 160 23			216.5 (1639.2) 3.4 (1039.6)	
MOLLER SOUTH BASE, 1950	G-10049 Pg. 280	"	55 54 54.766 160 34 39.455			1693.8 (161.9) 685.3 (356.9)	

1 FT. = .3048006 METER

COMPUTED BY: J. Steinberg DATE 2-3-55 CHECKED BY: G.E. Varnadoe DATE 2-4-55

COMM-DC-5784

COMPILATION REPORT
~~T-9571~~, T-9573, T-11092 ~~thru T-11093~~ and dropped

For the field report, refer to Project Report, Aerial Photograph Control and Inspection, North Shore, Alaska Peninsula, Project Ph 40 (49) June-September, 1950. - Division of Photogrammetry files pending completion of project and then will be filed in library

31. DELINEATION

These manuscripts were compiled by graphic methods. Only specific areas were compiled in accordance with the compilation instructions.

The approximate locations of the centers of the field photos used for delineation but not used in the radial plot are shown with broken circles.

32. CONTROL

Refer to the radial plot report regarding the adequacy of control.

The geographic position of BOAT, 1950 (T-9571) was not available to the compilation office but was not considered necessary for the area to be compiled.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours: Inapplicable
Drainage: No comment

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate except as discussed below. The MHW line was delineated as much as possible from photos taken in 1952 based on field information on the old photos dated 1942-43.

In the area of the Kudobin Islands, an approximate MHW line was sketched by the field party (refer to page 10 of the field report). Some parts of this line seem to be unchanged on the new photos and are shown on the manuscript as definite MHW line. Using the field sketches as a guide, the remainder of the islands were outlined on the new photos and the approximate MHW line symbol was used. On the north shore of Entrance Point, the MHW line was taken from the new photos and shown as definite. Two large areas were indicated as "awash at MHW" in Walrus Island and southwest of Harbor Point. For

lack of any other symbol, the highest parts of these areas were outlined and shown with sand dots. There was no coverage on recent photos of the middle part of Walrus Island and the 1943 photos were used to complete the delineation.

Except for some description in the field report, no low water line was furnished. The tides of the photos were computed but are not dependable considering the storms and winds characteristic of this area in the summer season. An approximate low water line was delineated by office interpretation on the most recent photos with the lowest computed tides.

Where there appeared to be additional areas of interest to the hydrographic party beyond the low water line, they were indicated as shallow areas. The channels as indicated on Chart 8833 could not be delineated.

36. OFFSHORE DETAILS

No comment

37. LANDMARKS AND AIDS

Form 567 is being submitted for seven landmarks recommended by the field party within the area delineated.

38. CONTROL FOR FUTURE SURVEYS

The list of recoverable topographic stations and hydrographic stations within the area delineated is included in paragraph 49.

Forms 524 for recoverable topographic stations BOLD, 1950 (T-9573) and CONE, 1950 (T-11095) have been prepared by the field party.

Forms 524 are submitted for two azimuth marks, OSGOOD AZ MK, 1950 and SPRING AZ MK, 1950.

39. JUNCTIONS

Junctions among the manuscripts within the area delineated are in agreement. The project layout shows surveys Nos. T-9572 and T-9574 to the east of T-9571 and T-9573. No manuscripts were prepared

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT CONTROL RECORD

MAP T- 11092 PROJECT NO. Ph-40 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
HAGUE, 1950	G-10049 Pg. 282	N.A. 1927	55 52 43.989			1360.5 (495.2)	
			160 45 42.324			735.8 (307.3)	
Sub Pt "A" HAGUE, 1950	comp.	"	55 52			1382.5 (473.2)	
			160 45			875.7 (167.4)	
Sub Pt "B" HAGUE, 1950	"	"	55 52			1398.9 (456.8)	
			160 45			978.3 (64.8)	
DEER, 1950	G-10049 Pg. 282	"	55 55 27.934			863.9 (991.8)	
			160 43 46.809			812.9 (229.1)	
Sub Pt "A" DEER, 1950	comp.	"	55 55			843.8 (1011.9)	
			160 48			922.1 (119.9)	
Sub Pt "B" DEER, 1950	"	"	55 55			825.8 (1029.9)	
			160 48			842.8 (199.2)	
RHOZHNOF, 1950	G-10049 Pg. 282	"	55 58 03.830			118.5 (1737.2)	
			160 53 22.295			386.7 (654.1)	
Sub Ft ROZHNOF, 1950	comp.	"	55 57			1668.9 (186.8)	
			160 52			1004.1 (36.7)	
WALRUS, 1950	G-10049 Pg. 287	"	56 01 37.940			1173.4 (682.3)	
			160 49 59.022			1022.3 (16.9)	
Sub Pt WALRUS, 1950	comp.	"	56 01			1010.0 (845.7)	
			160 49			948.0 (91.2)	
OSGOOD, 1950	G-10049 Pg. 282	"	55 52 49.005			1515.6 (340.1)	
			160 56 01.235			21.5 (1021.6)	
Sub Pt OSGOOD, 1950	comp.	"	55 52			1814.9 (40.8)	
			160 55			890.9 (152.2)	

1 FT. = .3048006 METER

COMPUTED BY: J. Steinberg DATE: 2-3-55 CHECKED BY: G.E. Varnadoe DATE: 2-4-55

COMM-DC-5784

for these surveys because they fall outside the area required by present compilation instructions.

40. HORIZONTAL AND VERTICAL ACCURACY

Refer to the radial plot report.

41.-45. Inapplicable.

46. COMPARISON WITH EXISTING MAPS

None were available at the compilation office.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Chart 8833 scale 1:79,798, published February 1917, corrected to 4 August 1952.

Items to be applied to Nautical Charts immediately:
None

Items to be carried forward:
None

Respectfully submitted
16 February 1953

Joseph W. Vonasek
Cartographer (Photo)

Approved and Forwarded
February 1953

Jack C. Sammons, Capt. C.& G.S.
Officer in Charge

SUPPLEMENTARY COMPILATION REPORT
PROJECT PH- 40
T-9573, T-11092, ~~T-11093~~ dropped

The delineation of surveys T-9571, T-11091, T-11094 and T-11095 has been completed and reference should be made to separate descriptive reports for these surveys. This report is now complete only for surveys T-9573, T-11092 and T-11093.

The radial plot for this area was extended and the plot reports have been made part of the separate descriptive reports.

31. DELINEATION

The delineation of the MHWL was extended SE of BOLD, 1950 to the limits of the survey T-9573.

32. CONTROL

Since 1953, when most of the delineation was completed, positions of all control stations have been readjusted, those in T-9573 did not change sufficiently to warrant replotting the control. In T-11092 they were changed by an average of 4 meters northward. Rather than replot and redelineate this manuscript, red ticks were placed at the corners of the projection to indicate the change in datum. To get true positions of all control points and delineation, the projection and grid should be moved 4 meters south, as shown by the red dashed ticks.

As noted in the photogrammetric plot report for T-9571, BEAUTY, 1950 in that survey was misidentified. When the plot was completed, several pass points north of PORT MOLLER N. BASE, 1950 were slightly changed from 1953 positions. The area was redelineated around Entrance Point and near the junction with T-9571.

35. SHORELINE ANDALONGSHORE DETAILS

The MHWL in the vicinity of Entrance Point (T-9573) was revised from 1954 photography. An approximate MLLW line was obtained from the 1953 U.S. Navy photographs at Entrance Point and also in the area east of Deer Island (T-11092).

Respectfully submitted
2 March 1955
Joseph W. Vonasek
Joseph W. Vonasek
Carto. (Photo.)

Approved and Forwarded
E.H. Kirsch
Comdr. E.H. Kirsch
Officer in Charge
Balto. Photo. Office

48. GEOGRAPHIC NAMES

T-9571 - See 1955 report

Bristol Bay (Chart No. 8802)
Entrance Point

T-9573

Names approved 5-2-57 afw

Bristol Bay
Entrance Point
Harbor Point
Port Moller
Egg Island

T-11091 — see 1955 report

Cape Rozhnof
Kritskoi Island (Arp Island)
Kudobin Islands
Mud Bay
Nelson Lagoon

T-11092

Names approved 5-2-57 afw

Black Point
Bristol Bay ✓
Cape Rozhnof
Deer Island
Doe Point
Fawn Point
Hague Channel (Chart 8833)
Herendeen Bay
Kudobin Islands
Kritskoi Island (Arp Island)
Mud Bay
Nelson Lagoon
Point Divide
Point Edward
Ross Point
Second Cape
Third Cape
Walrus Island
Wolf Point

T-11093

~~Mud Bay~~ dropped

T-11094 - See 1955 report

Black Point
Herendeen Bay
Johnston Channel (Chart 8833)
Middle Point (Photo 11242)
Point Divide

T-11095 - See 1955 report

Hot Spring
Port Moller

The geographic names shown on these manuscripts were taken

from the geographic names section of the field report except as indicated.

The names Hague Channel and Johnston Channel are shown even though the channels are not delineated.

49. NOTES TO HYDROGRAPHER

The following are the recoverable topographic stations established:

T-9573: BOLD, 1950

*T-11094: OSGOOD AZ MK, 1950

*T-11095: CONE, 1950 SPRING AZ MK, 1950

The following are the hydrographic stations established:

T-9573: 214 - NE gable of easterly building on cannery pier.

*T-11091: 217 - NE gable of lone cabin.
226 - NE gable and radio mast of most N'erly bldg on point

T-11092: 216 - North gable of cabin
229 - East gable oflone cabin on Westerly end of Deer Island

*T-11094: 218 - SW gable of cabin

*See 1955 reports.

NOTES TO REVIEWER

The pricking card for station V-19 (T-9573) and field photo 11207 indicate marsh at the base of Entrance Point and Harbor Point. No further mention of marsh is made elsewhere nor are the limits apparent on the photographs. No marsh was delineated.

The report describes Port Moller as being southeast of Entrance Point while several pricking cards show the name being applied also to the bay southwest of Entrance Point. The placement of the name should be verified and added to T-11092 and T-11094 if required.

Form T-2

50 –

PHOTOGRAMMETRIC OFFICE REVIEW

T-9571, 9573, 11091 thru 11098

1. Projection and grids ✓ 2. Title ✓ 3. Manuscript numbers ✓ 4. Manuscript size ✓

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy ✓ 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) ✓ 7. Photo hydro stations ✓ 8. Bench marks none
9. Plotting of sextant fixes none 10. Photogrammetric plot report ✓ 11. Detail points ✓

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline ✓ 13. Low-water line ✓ 14. Rocks, shoals, etc. ✓ 15. Bridges none 16. Aids to navigation none 17. Landmarks ✓ 18. Other alongshore physical features ✓ 19. Other alongshore cultural features none

PHYSICAL FEATURES

20. Water features ✓ 21. Natural ground cover ✓ 22. Planetable contours none 23. Stereoscopic instrument contours none 24. Contours in general none 25. Spot elevations none 26. Other physical features none

CULTURAL FEATURES

27. Roads none 28. Buildings ✓ 29. Railroads none 30. Other cultural features none

BOUNDARIES

31. Boundary lines none 32. Public land lines none

MISCELLANEOUS

33. Geographic names ✓ 34. Junctions ✓ 35. Legibility of the manuscript ✓ 36. Discrepancy overlay none 37. Descriptive Report ✓ 38. Field inspection photographs ✓ 39. Forms ✓
40. _____ _____
Reviewer — Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

_____ _____
Compiler — Supervisor

43. Remarks:

M-2623-12

Form T-2

SUPPLEMENTARY

PHOTOGRAMMETRIC OFFICE REVIEW

(3-1-55)

T- 9573

1. Projection and grids ✓ 2. Title ✓ 3. Manuscript numbers ✓ 4. Manuscript size ✓

4a. Classification label ✓

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy ✓ 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) ✓ 7. Photo hydro stations ✓ 8. ~~Bench marks~~ ~~9. Plotting of sextant fixes~~ 10. Photogrammetric plot report ✓ 11. Detail points ✓

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline ✓ 13. Low-water line ✓ 14. Rocks, shoals, etc. ✓ 15. ~~Bridges~~ 16. ~~Aids to navigation~~ 17. Landmarks ✓ 18. Other alongshore physical features ✓ 19. Other alongshore cultural features ✓

PHYSICAL FEATURES

20. Water features ✓ 21. Natural ground cover ✓ 22. ~~Planetable contours~~ 23. ~~Stereoscopic instrument contours~~ 24. ~~Contours in general~~ 25. ~~Spot elevations~~ 26. ~~Other physical features~~

CULTURAL FEATURES

27. ~~Roads~~ 28. Buildings ✓ 29. ~~Railroads~~ 30. Other cultural features ✓

BOUNDARIES

31. ~~Boundary lines~~ 32. ~~Public land lines~~

MISCELLANEOUS

33. Geographic names ✓ 34. Junctions ✓ 35. Legibility of the manuscript ✓ 36. ~~Discrepancy overlay~~ 37. Descriptive Report ✓ 38. Field inspection photographs ✓ 39. Forms ✓

40. R. Glaser — Reviewer

Joseph Steinberg — Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Compiler

Supervisor

43. Remarks:

M-2623-12

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED / ~~NOT TO BE CHARTED~~ } STRIKE OUT ONE

Baltimore, Maryland 19 February 19 53

I recommend that the following objects which ~~have~~ *(have not)* been inspected from seaward to determine their value as landmarks be charted on ~~(disapproved)~~ the charts indicated.

The positions given have been checked after listing by R. Glaser

J.A. Sammons
Chief of Party.

STATE: North Shore, Alaska Peninsula

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE ° ′	LAT. D.M. METERS	POSITION LONGITUDE ° ′	LONG. D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
POLE	138 ft. wooden pole, spliced in three sections, set in tidal marsh		55 59	677	160 34	433	NA 1927	Rad.Plot T-9573	1950		X		8833
GABLE	NE gable of easterly bldg. on cannery pier	Hydro 214	55 59	416	160 34	285	"	"	"		X		"
CABIN	North gable of cabin	Hydro 216	55 58	330	160 58	231	"	" T-11092	"		X		"
CABIN	NE gable of cabin	Hydro 217	55 53	188	161 00	684	"	T-11091	"		X		"
CABIN	SW gable of cabin	Hydro 218	55 51	1450	160 56	620	"	T-11094	"		X		"
MAST *	NE gable and radio mast of most N'erly bldg on point	Hydro 226	55 57	1586	161 06	6	"	T-11091	"		X		"
CABIN	E gable of lone cabin on W'erly end of Deer Island	Hydro 229	55 53	1834	160 54	790	"	T-11092	"		X		"
* Also Shumagin Rad Plot Tgts.													

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating* aids to navigation [illegible] shall be reported on this form. The data should be considered for the charts of the area and not by [illegible] column heading.

Review Report of Shoreline Surveys
T-11091, 11092, 11094, 11095, 11096, 9573, 11563, 11571
(see ~~accompanying~~ Index with T-11091)
May 1957

62. Comparison with Registered Topographic Surveys

T-3089	1:20000	1910

Shoreline and foreshore features have changed considerably since this survey of 1910 and is superceded by ~~T-973~~ 9573 of common areas for Nautical charting purposes.

63. Comparison with Maps of Other Agencies:

PORT MOLLER, ALASKA 1:250000 1953 U.S. Geological Survey, Agreement is as good as scale differences permit.

64. Comparison with Contemporary Hydrographic Surveys:

H-8224	1:20000	1955
H-8225	1:20000	1955
H-8226	1:20000	1955
H-8227	1:20000	1955
H-8228	1:20000	1955

Subject Shoreline Surveys furnished shoreline, foreshore and offshore detailing for afore-mentioned hydrographic surveys prior to review. Only limits of shallow and shoal limits were altered in some instances to fit the hydrographic information. A few additions and changes were applied to the shoreline manuscripts during review; however, these did not interfere with corresponding hydrographic surveys or were resolved.

65. Comparison with Nautical Charts:

8833	1:80000	1956	(30 April)

For the fifth Edition of this nautical chart subject shoreline manuscripts were used in it's recompilation and there is complete agreement except for scale.

66. Adequacy of Results and Future Surveys:

Control and Field Inspection for these shoreline surveys are adequate also for nautical chart purposes. No inaccuracies were indicated.

Reviewed by:

Josef J. Streifler

~~Reviewed by:~~ (cont)

Chief, Nautical Chart Branch

APPROVED:

Chief, Review and Drafting Section, Photogrammetry Division

Chief, Coastal Surveys

Chief, Photogrammetry Division

Summary to accompany Shoreline Surveys
T-11091, 11092, 11094, 11095, 11096, 9573, 11563, 11571

These eight shoreline surveys are in the vicinity of Port Moller, Bristol Bay, Alaska, and represent the southernmost portion of Project 25020—Pk 40—(below 56° of latitude). The accompanying index shows with T-11091 the subject shoreline surveys also in relation to adjoining Project 27160. Limits of T-11096 and T-11571 were changed with affected sheets of Project 27160 to form common junctions. A small portion of shoreline and adjacent marsh area in the northeast corner of T-11093 represented all detailing on that manuscript. This information was transferred to T-11094 and T-11093 has been dropped.

Final "Cronar" film positives of these manuscripts as well as the descriptive report will be filed in the Bureau Archives.