11464 THRU 11470

11464 THRU 11470

Diag. Chtn. No. 8859.

Form 504

U. S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Shoreline (Photogrammetric)
T-11464 thru

Field No. Ph-92 *Office No.* T-11470

LOCALITY

State Alaska

General locality North Shore Alaska Peninsula

Locality Moffet Point to Nelson River

1953-58

CHIEF OF PARTY
N.E.Sylar, Chief of Field Party
F.Natella, Portland Photo. Office

LIBRARY & ARCHIVES

DATE May 1961

COMM-DC 61300

DATA RECORD

T - 11464 thru T-11470

Project No. (II): Ph-92 Quadrangle Name (IV):

Field Office (II): Thornbrough Air Force Base Cold Bay, Alaska. Chief of Party: Norman E. Sylar

Photogrammetric Office (III): Portland, Oregon. Officer-in-Charge: Fred Natella

Instructions dated (II) (III): 4/14/52 & 5/2/52 (Supp) Field 8/16/54 & 11/29/54 (Ph-40) 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: X
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): See Reverse Side

Lat.: Long.: Adjusted Unadjusted

Plane Coordinates (IV): State: Zone:

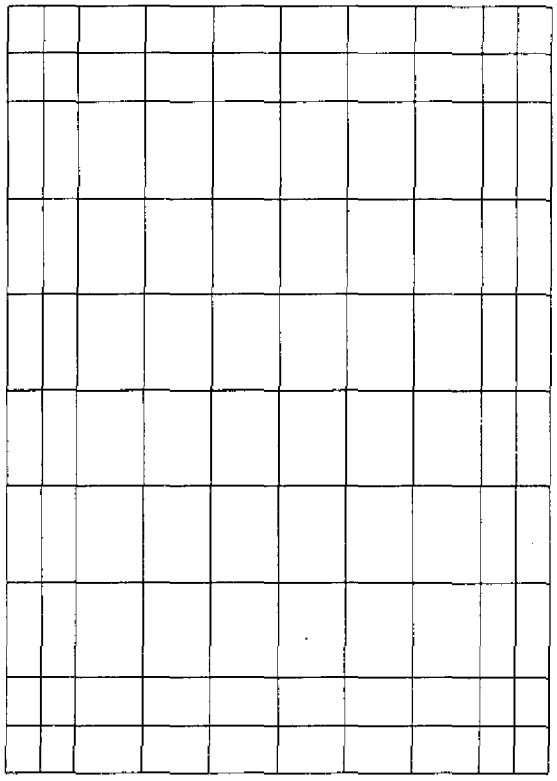
Y= X=

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.

T-11464	MARK, 1950		
	Lat. 55° 53'	31.024"	959.5 (896.2)
	Long.161°° 48'	23.594"	410.1 (632.7)
T-11465	DODO, 1950		
	Lat. 55° 53'	48.915"	1512.8 (342.8)
	Long. 161° 39'	20.442"	355.2 (687.4)
T-11466	CASE, 1952		
	Lat. 55° 46'	25.824"	798.7 (1057.0)
	Long. 162° 04'	37.858"	660.0 (386.0)
T-11467	RIDGE, 1950		
	Lat. 55° 43'	45.438"	1405.3 (450.4)
	Long. 161° 55'	22.118"	386.0 (661.2)
T-11468	ANNIS, 1952		
	Lat. 55° 39'	48.200"	1490.7 (364.9)
	Long. 162° 17'	25.274"	441.8 (607.1)
T-11469	STIFF, 1952		
	Lat. 55° 32'	57.836"	1788.6 (66.9)
	Long. 162° 26'	33.457"	586.6 (465.4)
T-11470	CATHEDRAL, 1952		
	Lat. 55° 34'	42.988"	1329.5 (526.1)
	Long. 162° 04'	19.637"	344.0 (707.2)

3.



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

Field Inspection by (II): Charles H. Bishop
Harry R. Moore
Date: May to Aug. 1952

Planetable contouring by (II):
Date:

Completion Surveys by (II):
Date:

Mean High Water Location (III) (State date and method of location): During May and August 1952 on photographs taken on 1942 and 1943 and on K-20 photographs. Transferred to 1952 and 1954 photographs and then compiled.

Projection and Grids ruled by (IV):
Date:

Projection and Grids checked by (IV):
Date:

Control plotted by (III): J. L. Harris - J. E. Deal -
L. L. Graves - D. N. Williams
Date: January 5, 1955

Control checked by (III): D. N. Williams
Date: January 6, 1955

Radial Plot or Stereoscopic Control extension by (III): J. L. Harris
Date: January 17, 1955

Stereoscopic Instrument compilation (III):
Planimetry
Date:

Contours
Date:

Manuscript delineated by (III):

T-11464 - C.C.Harris	Feb. 14, 1955
T-11465 - J.L.Harris	Mar. 18, 1955
T-11466 - L.L.Graves	Jan. 28, 1955
T-11467 - J.L.Harris	Feb. 15, 1955
T-11468 - L.L.Graves	Feb. 17, 1955
T-11469 - R.B.Melby	Feb. 10, 1955
T-11470 - C.C.Harris	Feb. 8 , 1955

Photogrammetric Office Review by (III): J.E. Deal (all sheets)
Date: Feb. & Mar. 1955

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

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
14267 thru 14273	6/9/43	14:30	1:20,000	8.0 ft. above M.L.L.W.
37462 thru 37474	6/11/52	15:20	1:20,000	0.6 ft. below M.L.L.W.
38453 thru 38467	7/23/52	17:00	1:20,000	1.8 ft. above M.L.L.W.
45802 thru 48816	8/14/54	13:55	1:20,000	0.2 ft. below M.L.L.W.

Tide (III)

Ratio of Ranges	Mean Range	Diurnal Range
	12.5	17.0
0.6 h	7.5	10.6
0.9 l		

Reference Station: Nushagak Bay, Clark Point
Subordinate Station: Port Moller, (Entrance Pt.)
Subordinate Station:

Washington Office Review by (IV): H Stauffer Date: April 1960

Final Drafting by (IV): Portland Photogrammetric Office Date: Jan. - March 1963

Drafting verified for reproduction by (IV): H Stauffer Date: April 1960

Proof Edit by (IV): H Stauffer Date: October 1960

Land Area (Sq. Statute Miles) (III): 35.0
Shoreline (More than 200 meters to opposite shore) (III): 78.0 statute miles
Shoreline (Less than 200 meters to opposite shore) (III): 45.0 statute miles
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): 6
Number of Temporary Photo Hydro Stations established (III): 2

Remarks:

M-2618-12(4)

SUMMARY
TO ACCOMPANY
SHORELINE MANUSCRIPTS
T-11464 thru T-11470

Subject manuscripts, seven (7) shoreline surveys, represent the northern portion of PH-92. The project is located in the State of Alaska and covers the west coast and offshore islands of the Alaska Peninsula from Unimak Island northeasterly to the 56° latitude line near Lagoon Point.

The project was assigned to and completed by the Portland Photogrammetric Office. Instructions originated in April 1952. The seven map manuscripts were compiled during February and March of 1955, based on nine-lens photography of June 1943 to August 1954 and field inspection during the season of 1952. Advance shoreline information and control was made available in support of hydrographic surveys of 1958. The hydrographic party accomplished at the same time a limited field edit (see item #66 of the Review Report).

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

June 1960

FIELD INSPECTION REPORT

Map Manuscripts T-11464 thru T-11470

Project Ph-92

Refer to:

Seasons Report, Project Ph-92 (G-1119), Norman E. Sylar, Chief of Party.

Field Inspection Report, Project Ph-92, dated 1952.

PHOTOGRAMMETRIC PLOT REPORT

Map Manuscripts T-11464 thru T-11470

Project Ph-92

21. Area Covered:

This radial plot covers the North Shore of the Alaska Peninsula from Moffet Pt. to Nelson River. It includes map manuscripts T-11464 thru T-11470.

Items 22 thru 25:

Methods and conditions are similar to those described in the Photogrammetric Plot Report for T-11472 thru T-11477 and T-11479 which is included in the Descriptive Report for T-11472 thru T-11477.

A satisfactory junction between Project Ph-92 and Project Ph-40 was completed at the Baltimore, Maryland Photogrammetric Office and furnished this office

Approved and forwarded:

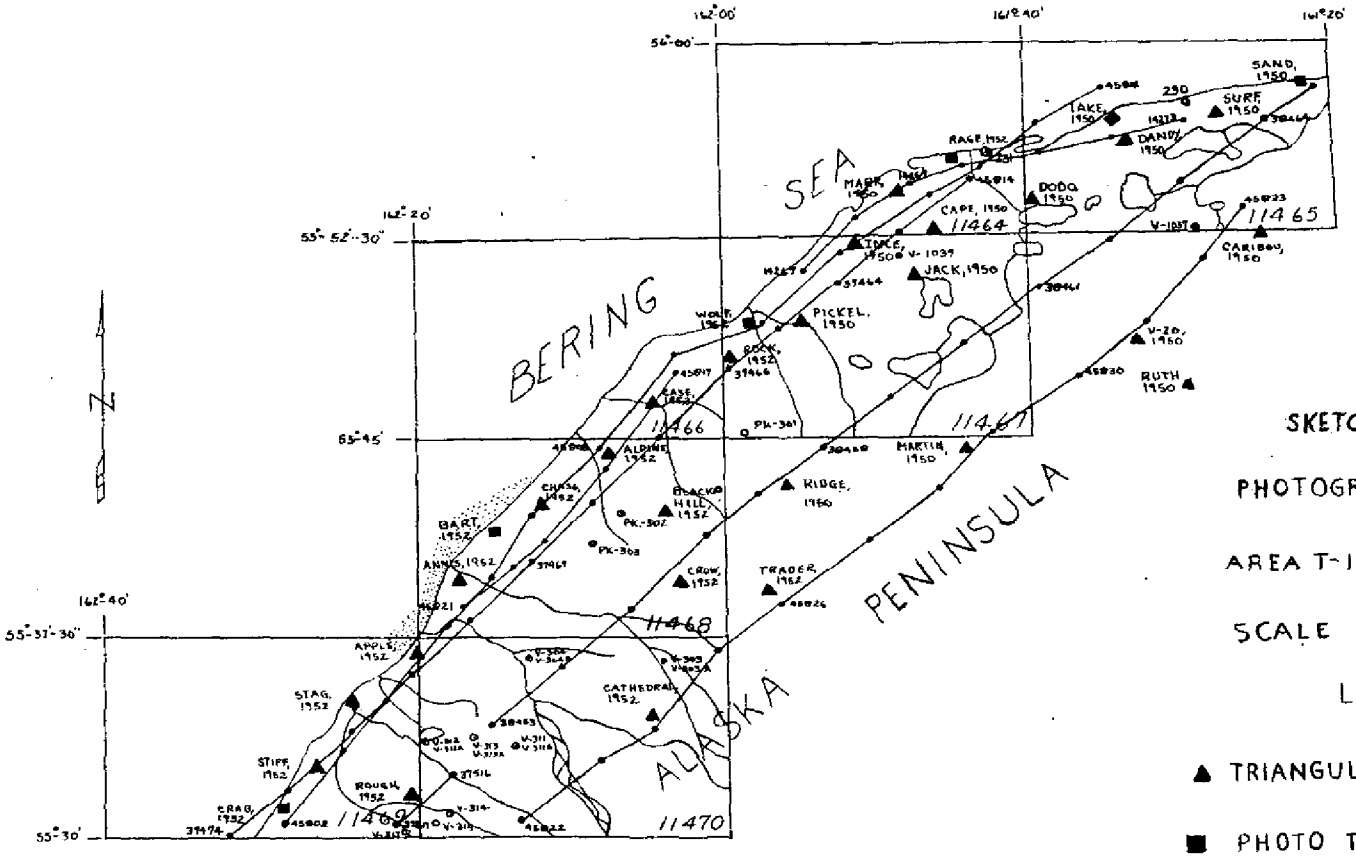
Fred Natella

Fred Natella
Comdr., USC&G Survey
Officer-in-Charge

Respectfully submitted:

J. Edward Deal Jr.

J. Edward Deal Jr.
Cartographer
USC&GS



SKETCH SHOWING

PHOTOGRAMMETRIC PLOT

AREA T-11464 THRU T-11470

SCALE 1: 490,000 (APPROX.)

LEGEND

▲ TRIANGULATION STATIONS

■ PHOTO TOPO STATIONS

◑ PHOTO HYDRO STATIONS

○ VERTICAL CONTROL STATIONS

• NINE LENS PHOTO CENTERS

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT
CONTROL RECORD

MAP T-11464 PROJECT NO. Ph-92 SCALE OF MAP 1:20,000 SCALE FACTOR None

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)
MARK, 1950	G 10049	N.A.	55 53 31.024			959.5 (896.2)	
	IV 290	1927	161 48 23.594			410.1 (632.7)	

10.

1 FT. = .3048006 METER

COMPUTED BY: J.L.H. DATE 12/1/54 CHECKED BY: L.L.G. DATE 12/31/54

COMM-DC-5784

FORM 164
(4-23-54)

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

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-11465 PROJECT NO. Ph-92 SCALE OF MAP 1:20,000 SCALE FACTOR None

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)
DODO, 1950	G 10049	N.A.	55 53 48.915			1512.8 (342.8)	
	IV 283	1927	161 39 20.442			355.2 (687.4)	
CARIBOU, 1950	DO	DO	55 52 46.074			1425.0 (430.7)	
			161 25 17.907			311.3 (731.8)	
SURF, 1950	DO	DO	55 57 14.912			461.2 (1394.5)	
			161 27 41.197			714.9 (326.3)	
DANDY, 1950	DO	DO	55 56 13.612			421.0 (1434.7)	
			161 33 43.767			759.8 (281.8)	

1 FT. = .3048006 METER

COMPUTED BY: J.L.H. DATE 12/2/54 CHECKED BY: L.L.G. DATE 12/31/54

COMM-DC-5784

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT
CONTROL RECORD

MAP T-11466 PROJECT NO. Ph-92 SCALE OF MAP 1:20,000 SCALE FACTOR None

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)
CASE, 1952	G 10049	N.A.	55 46 25.824			798.7 (1057.0)	
	IV 284	1927	162 04 37.858			660.0 (386.0)	

12.

1 FT. = .3048006 METER

COMPUTED BY: J.L.H. DATE 12/1/54 CHECKED BY: L.L.G. DATE 12/29/54

COMM-DC-5784

FORM 164
(4-23-54)

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

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-11467 PROJECT NO. Ph-92 SCALE OF MAP 1:20,000 SCALE FACTOR None

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)
ROCK, 1952	G 10049	N.A.	55 47 52.525			1624.5 (231.2)	
	IV 288	1927	161 59 46.786			815.1 (230.2)	
PICKEL, 1950	"	DO	55 49 41.857			1294.6 (561.1)	
	IV 284		161 54 43.597			758.9 (285.6)	
INCE, 1950	"	DO	55 51 19.811			612.7 (1243.0)	
	IV 287		161 51 35.613			619.6 (424.3)	
JACK, 1950		DO	55 50 16.619			514.0 (1341.7)	
	IV 284		161 46 55.117			959.3 (85.0)	
MARTIN, 1950		DO	55 44 33.808			1045.6 (810.1)	
	IV 284		161 45 11.578			202.0 (844.8)	
RIDGE, 1950		DO	55 43 45.438			1405.3 (450.4)	
	IV 284		161 55 22.118			386.0 (661.2)	
RUTH, 1950		DO	55 46 57.544			1779.7 (76.0)	
	IV 283		161 34 23.566			410.7 (635.0)	
V-20, 1950		DO	55 48 08.96			277.1 (1578.6)	
	IV 290		161 35 29.76			518.4 (526.8)	
CAPE, 1950		DO	55 52 16.615			513.9 (1341.8)	
	IV 286	1	161 46 23.015			400.2 (643.2)	

1 FT. = .3048006 METER

COMPUTED BY: J.L.H. DATE 12/1/54 CHECKED BY: L.L.G. DATE 12/31/54

COMM-DC-5784

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT CONTROL RECORD

MAP T-11468 PROJECT NO. Ph-92 SCALE OF MAP 1:20,000 SCALE FACTOR None

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)
ANNIS, 1952	G 10049	N.A.	55 39 48.200			1490.7 (364.9)	
	IV 285	1927	162 17 25.274			441.8 (607.1)	
CHASE, 1952	DO	DO	55 42 45.217			1398.4 (457.2)	
			162 11 43.117			752.8 (294.8)	
ALPINE, 1952		DO	55 44 43.08			1332.3 (523.3)	
	IV 288		162 07 17.34			302.5 (744.2)	
BLACK HILL, 1952		DO	55 42 14.779			457.1 (1398.5)	
	IV 285		162 03 53.582			935.8 (112.1)	
CROW, 1952		DO	55 39 43.570			1347.5 (508.1)	
	IV 288		162 03 02.201			38.5 (1010.5)	
TRADER, 1952		DO	55 38 41.651			1288.1 (567.5)	
	IV 285		161 57 20.353			356.0 (693.5)	

1 FT.=.3048006 METER

COMPUTED BY: J.L.H. DATE 12/1/54 CHECKED BY: L.L.G. DATE 12/29/54

COMM-DC-5784

FORM 164
(4-23-54)

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

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-11469 PROJECT NO. Ph-92 SCALE OF MAP 1:20,000 SCALE FACTOR None

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)
STAG, 1952	G 10049	N.A.	55 35 18.700			578.3 (1277.3)	
	IV 287	1927	162 22 56.393			987.8 (63.2)	
APPLE, 1952	"	DO	55 37 14.604			451.7 (1403.9)	
	IV 285		162 20 20.365			356.4 (693.6)	
STIFF, 1952	"	DO	55 32 57.836			1788.6 (66.9)	
	IV 285		162 26 33.457			586.6 (465.4)	
ROUGH, 1952	"	DO	55 31 47.250			1461.3 (394.3)	
	IV 285		162 20 26.027			456.6 (595.9)	

15.

1 FT. = .3048006 METER

COMPUTED BY: J.L.H. DATE 10/27/54 CHECKED BY: J.E.D. DATE 10/28/54

COMM-DC-5784

FORM 164
(4-23-54)

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

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-11470 PROJECT NO. Pa-92 SCALE OF MAP 1:20,000 SCALE FACTOR None

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)
CATHEDRAL, 1952	G 10049	N.A.	55 34 42.988				1329.5	(526.1)		
	IV 285	1927	162 04 19.637				344.0	(707.2)		

1 FT. = .3048006 METER

COMPUTED BY: J.L.H. DATE 11/30/54 CHECKED BY: L.L.G. DATE 12/29/54

COMM-DC-5784

COMPILATION REPORT

Map Manuscripts T-11464 thru T-11470

Project Ph-92

Items 31 thru 36:

Methods and conditions are similar to those described in the Compilation Report for map manuscripts T-11472 thru T-11477, Project Ph-92 (1952).

37. Landmarks and Aids:

Forms 567 have been submitted for the entire project.

38. Control for Future Surveys:

Forms 524 for Recoverable Topggraphic stations have been submitted as follows:

T-11464 - 1
T-11465 - 2
T-11467 - 1
T-11468 - 1
T-11469 - 1

A list of recoverable topographic stations has been prepared for each map manuscript and included in this report under Item 49, "Notes to the Hydrographer". Copies will be forwarded to the Ship PATHFINDER along with the photographs.

39. Junctions:

Complete and satisfactory junctions between all map manuscripts covered by this report and with Project Ph-40 have been made.

40. Horizontal Accuracy:

There are no areas believed to be of sub-normal horizontal accuracy..

Vertical accuracy is not applicable.

41. Computation of Vertical Control Stations:

The computations of elevations from nonreciprocal observations has been completed and forwarded to the Washington Office.

46. Comparison with Existing Maps:

Comparison was made with U.S.G.S. Fort Randall, Alaska quadrangle, edition of 1950, scale 1:250,000.

Comparison was made with U.S.G.S. Port Moller, Alaska quadrangle, edition of 1953, scale 1:250,000.

47. Comparison with Nautical Charts:

Comaprison was made with Nautical Chart No. 8860, scale 1:300,000 at Lat. 54° 20.5' published December 12, 1942 (12th edition) last corrected 7/20/53.

Comparison was made with Nautical Chart No. 8701, scale 1:80,660 at Lat. 54° 50' published February 1943 (6th edition) last corrected 3/17/52.

"Items to be applied to nautical charts immediately". None.

"Items to be carried forward". None.

Approved and forwarded:

Fred Natella
Comdr., USC&G Survey
Officer-in-Charge

Respectfully submitted:

J. Edward Deal Jr.
Cartographer
USC&GS

GEOGRAPHIC NAMES LIST

*Alaska Peninsula

*Bristol Bay

Franks Point

* B.G.N. Decision

GEOGRAPHIC NAMES SECTION
16 MARCH 1960

GEOGRAPHIC NAMES LIST

*Alaska Peninsula

*Bristol Bay

Caribou River

Nelson Lagoon
Nelson River

* B.G.N. Decision

GEOGRAPHIC NAMES SECTION
16 MARCH 1960

GEOGRAPHIC NAMES LIST

*Alaska Peninsula

*Bering Sea

Cape Lieskof

* B.G.N. Decision

GEOGRAPHIC NAMES SECTION
16 MARCH 1960

GEOGRAPHIC NAMES LIST

*Alaska Peninsula

*Bristol Bay

Steelhead Creek

* B.C.N. Decision

George McBale
GEOGRAPHIC NAMES SECTION
16 MARCH 1960

GEOGRAPHIC NAMES LIST

*Alaska Peninsula

*Bering Sea

*Cape Leontovich
Cape Leontovich Creek
Cathedral River

* B.G.N. Decision

GEOGRAPHIC NAMES SECTION
16 MARCH 1960

T-11469

GEOGRAPHIC NAMES LIST

*Alaska Peninsula

*Bering Sea

North Creek

* B.G.N. Decision

GEOGRAPHIC NAMES SECTION
16 MARCH 1960

T-11470

GEOGRAPHIC NAMES LIST

*Alaska Peninsula

Cape Leontovich Creek
Cathedral River
Cathedral Valley

* B.G.N. Decision

GEOGRAPHIC NAMES SECTION
16 MARCH 1960

49. Notes to the Hydrographer

One photo hydro signal was located at the compilation office namely:

No. 231 - Photo No. 14270 - N.W. gable of small cabin on the shoreline.

One recoverable topographic station was located for which Form 524 is submitted namely:

RAGE, 1952

Map Manuscript T-11465

49. Notes to the Hydrographer:

One photo hydro signal was located at the compilation office namely:

No. 230 - Photo No. 14274 - North gable of cabin

Two recoverable topograpnic stations for which forms 524 are submitted were located at the compilation office namely:

LAKE, 1950
SAND, 1950

Map Manuscript T-11466

49. Notes to the Hydrographer:

No photo hydro signals or recoverable topographic stations were located at the compilation office.

The shoreline along the Bering Sea is apparently subject to continual change and the delineation of this feature has been made from the 1954 photographs, which were taken at about low-water.

Map Manuscript T-11467

49. Notes to the Hydrographer:

No Photo hydro signals were located on this manuscript at the compilation office.

Form 524 is submitted for recoverable topographic station WOLFE, 1952.

The shoreline between triangulation station ROCK, 1952 and recoverable topographic station WOLFE, 1952 is being subjected to considerable erosion. The mean high-water line was delineated from 1954 photography. Area immediately adjacent was delineated from 1952 photography because of better photo definition.

Map Manusdript T-11468

49. Notes to the Hydrographer:

No photo hydro stations were located at the compilation office. One recoverable topographic station namely:

BART, 1952 was located and Form 524 has been submitted.

The streams shown on the manuscript appear as drainage only on the nautical chart.

Map Manuscript T-11469

49. Notes to the Hydrographer:

There were no photo hydro signals located at the compilation office in the area of this map manuscript.

One recoverable topographic station namely CRAB, 1952 was located and form 524 is submitted. Several triangulation stations located along the shoreline are also available for use in the hydrographic survey.

It will be found practically impossible to identify, along the shoreline, identical image points that are common to both the 1952 and 1954 photography. Photograph detail will be found to be more clearly defined on the 1952 photography (37,000 series) and it is suggested that these photographs be used for the photogrammetric location of any photo hydro signals.

Map Manuscript T-11470

49. Notes to the Hydrographer:

There were no photo hydro signals or recoverable topographic stations located by radial intersection at the compilation office.

Cathedral River and Cape Leontovich Creek appear as drainage only and are not named on Nautical Chart No. 8860.

REVIEW REPORT
OF
SHORELINE MANUSCRIPTS
T-11464 thru T-11470
June 1960

62. Comparison with Registered Topographic Surveys

There are no registered topographic surveys of this area.

63. Comparison with Maps of Other Agencies

Port Moller, Alaska	1:250,000	1953	U.S. Geological Survey
Fort Randall, Alaska	1:250,000	1950	U.S. Geological Survey

There is good agreement between these surveys.

64. Comparison with Contemporary Hydrographic Surveys

H-8432	1:20,000	1958
H-8433	1:20,000	1958
H-8434	1:20,000	1958
H-8485	1:20,000	1959
H-8486	1:20,000	1959

There is no shoreline shown on H-8434 (not yet completed); however, the corresponding shoreline of subject manuscripts does not interfere with the pencilled hydrographic information shown. The remaining listed hydrographic surveys are in good agreement with subject T-sheets.

65. Comparison with Nautical Charts

8859	1:300,000	Revised to 12/1/58
8802	1:1,023,188	Revised to 12/21/59

There are no discrepancies between these charts.

66. Adequacy of Results and Future Surveys

Surveys T-11464 thru T-11469 were subjected to a limited completion survey by the hydrographic party. T-11470 had no completion survey. This field edit was accomplished intermittently only by visual comparison and interior features viewed while recovering control. For that reason only those revisions were applied, where the original

66. Adequacy of Results and Future Surveys continued

compilation appeared in error or was incomplete; and not those caused by natural changes. Subject surveys are within the requirements of adequacy and accuracy.

Reviewed by:

Josef J. Streifler

L C Lundy
Chief, Review & Drafting Sec.
Photogrammetry Division

J E Waugh
Chief, ~~Nautical Chart Branch~~
~~Charts Division~~ Nautical Chart Division
5/18/61 Office of Cartography

L W Swanson
Chief, Photogrammetry Division
7 April 1961

K O Crosby
Chief, Coastal Surveys Division
Assistant Director for Oceanography

NAUTICAL CHARTS BRANCH

SURVEY NO. T-11464 thru 11470.

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

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.