

9567

Diag. Cht. No. 8802.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey *Planimetric* ~~Shoreline~~ (Photogrammetric)
Field No. **6040** Office No. **T-9567**

LOCALITY

Territory Alaska
~~State~~ North Shore Alaska
General locality Peninsula (Bristol Bay)
Locality Cape Kutuzof

19 49-55

CHIEF OF PARTY

A. Newton Stewart, Chief of Party
Fred Natella, Portland Photogrammetric Office

LIBRARY & ARCHIVES

DATE **MAY 23 1958**

COMM-DC 61300

9567

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DATA RECORD

T - 9567

Project No. (II): 6040

Quadrangle Name (IV):

Field Office (II): Meshik, Alaska

Chief of Party: A. Newton Stewart

Photogrammetric Office (III): Portland, Oregon

Officer-in-Charge: Fred Natella

Instructions dated (II) (III): Nov. 29, 1954)
Sept. 14, 1955) 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): 18 Oct 1957

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III):

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): KUTUZOF, 1950

Lat.: 56° 16' 50.238" (1553.9m) Long.: 160° 20' 28.799" (495.5m)

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.

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

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DATA RECORD

Field Inspection by (II): I. Zirple, R.B. Belby, B. Kurs

Date: Season 1949

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): In stable areas from field locations in 1949 and shown on 1943 nine lens photographs. In unstable areas from office interpretation from 1955 nine lens photographs.

Projection and Grids ruled by (IV):

Date:

Projection and Grids checked by (IV):

Date:

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

Date: 27 Sept. 1955

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

Date: 29 Sept. 1955

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

Date: 9 Nov. 1955

Planimetry
Stereoscopic Instrument compilation (III):
Contours

Date:

Date:

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

Date: 28 Dec. 1955

Scribed & Stick-up by: C. C. Harris

13 Feb. 1956

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

Date: 24 Feb. 1956

Elevations on Manuscript
checked by (II) (III): C. C. Harris

Date: 23 Feb. 1956

Camera (kind or source) (III): U.S.C. & G.S. nine lens - Focal length 8.25 inches

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
51083 thru 51086	6/18/55	16:30	1:20,000	3.0 ft. above M.L.L.W.
51088 thru 51090	6/18/55	16:40	1:20,000	3.6 ft. above M.L.L.W.

Tide (III)

Reference Station: Nushagak Bay)
 Subordinate Station: Port Moller) Proportioned
 Subordinate Station: Egegik River Ent.)

Ratio of Ranges	Mean Range	Diurnal Range
	15.3	19.5
0.92	13.8	18.2
0.55h	7.5	10.6
0.85L		

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): 64
 Shoreline (More than 200 meters to opposite shore) (III): 10.5
 Shoreline (Less than 200 meters to opposite shore) (III): 4.3
 Control Leveling - Miles (II):
 Number of Triangulation Stations searched for (II): 4 Recovered: 4 Identified: 4
 Number of BMs searched for (II): Recovered: Identified: 1 *
 Number of Recoverable Photo Stations established (III): 4
 Number of Temporary Photo Hydro Stations established (III):

Remarks:

* Has triangulation position.

FIELD INSPECTION REPORT

Map Manuscript T-9567

Project 6040

Refer to PROJECT REPORT, "AERIAL PHOTOGRAPH CONTROL AND INSPECTION, ALASKA PENINSULA, ALASKA PROJECT Ph-40(49) July to Sept. 1949", A. Newton Stewart, Chief of Party.

PHOTOGRAMMETRIC PLOT REPORT

Map Manuscript T-9567

Project 6040

Refer to the "PHOTOGRAMMETRIC PLOT REPORT" for Map Manuscripts T-9561, T-9562, T-9564, T-9565, T-9567 and T-9570 which is included in the DESCRIPTIVE REPORT for T-9561 and T-9562, Project 6040

SCALE FACTOR.....None.

[illegible]

COMPILATION REPORT

Map Manuscript T-9567

Project 6040

Items 31 thru 34

Refer to Descriptive Report for Map Manuscripts T-9561 and T-9562.

35. Shoreline and Alongshore Details:

Refer to remarks for Map Manuscript T-9564 which are included under the heading in the Descriptive Report for map Manuscripts T-9564 and T-9565.

36. Offshore Details:

There are no offshore details.

37. Landmarks and Aids:

There were no landmarks or fixed aids to navigation recommended for this map manuscript.

38. Control for Future Surveys:

Forms 524 are submitted with the map manuscript for PLAN, 1950, JANIE AZIMUTH MARK, 1950, GUZY, 1950 and FLIT, 1950 and these are also listed in Item 49 "Notes to the Hydrographer".

39. Junctions:

Satisfactory junctions have been made with all map manuscripts.

In order to complete a junction of shoreline with T-9569 it was necessary to compile the detail partly in the west margin of T-9567 and partly in the north margin of T-9569 which previously was compiled on vinylite in ink. There was no manuscript furnished for the shoreline in this part of the project.

40. Horizontal and Vertical Accuracy:

There are no areas of sub-normal horizontal accuracy.

41. Computation of Vertical Control Stations:

There is one vertical control station namely V-17 appearing on this map manuscript. This station has a triangulation position and the elevation shown of 197 ft. was obtained from the lists of geographic positions.

Items 46 and 47.


Refer to Descriptive Report for Map Manuscripts T-9561 and T-9562.

Approved:



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

Respectfully submitted:



J. Edward Deal
Cartographer

48. Geographic Names:

Geographic names appearing on this map manuscript are:

Alaska Peninsula
Banyou Creek
Bristol Bay
Cape Kutuzof

Names approved
5-20-57
L. Heck

49. Notes to the Hydrographer:

Recoverable topographic stations shown on this map manuscript are:

FLIT, 1950 GUZY, 1950 PLAN, 1950 and

○ JANIE AZIMUTH MARK, 1950

There were no photo-hydro stations located.

Review Report of Planimetric Maps

T-9567 and T-9570

July 1957

62. Comparison with Registered Topographic Surveys:

There are no registered topographic surveys of this area.

63. Comparison with Maps of Other Agencies:

CHIGNIK, ALASKA 1:250 000 1951 USGS

Agreement is as good as scale difference permits.

64. Comparison with Contemporary Hydrographic Surveys:

There are no contemporary hydrographic surveys of this area.

65. Comparison with Nautical Charts:

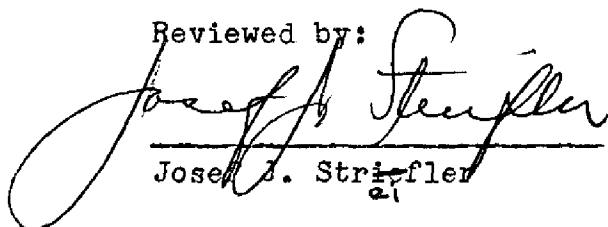
8802 1:1023 188 1956 (7-9)
9302 1:1534 076

Scale differences are inadequate for conclusive comparison.


66. Adequacy of Results and Future Surveys:

Control and field inspection appear adequate and no inaccuracies are indicated.

Reviewed by:


Joseph J. Strieffler

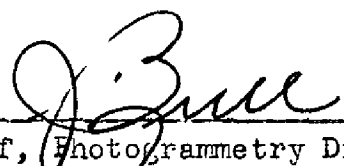
APPROVED:




Chief, Review and Drafting Sec.
Photogrammetry Division



Chief, Nautical Chart Branch



Chief, Photogrammetry Division



Chief, Coastal Surveys

Summary
to accompany Planimetric Maps
T-9567 and T-9570

These two surveys are in the vicinity of CAPE KUTUZOF,
BRISTOL BAY, Alaska Peninsula, Alaska.

Field inspection was accomplished during the season of 1949 with photography of Sept. 1942 and June 1943. Manuscripts were compiled from photography of July 1952 and June 1955. Considerable changes were noted in the later photography along Bristol Bay shoreline, which was compiled from office interpretation only.

T-9567 and T-9570 were scribed in the Portland Office (as were most of the sheets in this project) from pencil compilations. Limited additions and changes were applied directly to the submitted film positives by the reviewer. Contact film negatives and acceptable "Cronar" film positives will be obtained to be filed with the descriptive report in the Bureau Archives.