

9721

Diag. Cht. Nos. 9103 and 9203.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Planimetric

Field No. Ph-41 Office No. T-9721

LOCALITY

Territory Alaska
State

General locality Kuskokwim Bay

Locality East of Kwigillingok

1949

CHIEF OF PARTY

Curtis LeFevre, Chief of Party
Fred Natella, Portland Photogrammetric Office

LIBRARY & ARCHIVES

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DATE

COMM-DC 61300

1326
9721

DATA RECORD

T - 9721

Project No. (II): 6041 Quadrangle Name (IV):

Ph-56(49) 24070
41

Field Office (II): Bethel, Alaska

Chief of Party: Curtis LeFevre

Photogrammetric Office (III): Portland, Oregon

Officer-in-Charge: Fred Natella

Instructions dated (II) (III): 5 April 1949 (field)
25 October 1950 (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):

2 April 1958

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III): Mean Sea Level

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): Refer to paragraph 12 of Office Instructions

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.

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

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): C. H. Bishop, E. T. Ogilby, R. A. Pryce,
C. A. Annis and G. S. Jackson Date: Season 1949

Planetable contouring by (II): Date:

Completion Surveys by (II): Date:

Mean High Water Location (III) (State date and method of location): Located in 1949 on field inspection photographs taken in 1945, on tri-met photographs, and on K-20 hand held camera photographs.

Projection and Grids ruled by (IV): Date:

Projection and Grids checked by (IV): Date:

Control plotted by (III): J. L. Harris Date: Sept. 1955

Control checked by (III): J. E. Deal Date: Sept. 1955

Radial Plot or Stereoscopic Date: 14 Oct. 1955

Control extension by (III): J. D. Harris

Stereoscopic Instrument compilation (III): Planimetry Date:

Contours Date:

Manuscript delineated by (III): J. L. Harris Date: 19 Oct. 1955
& scribed by L. L. Graves 12 Dec. 1955

Photogrammetric Office Review by (III): J. E. Deal Date: 20 Dec. 1955

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

Camera (kind or source) (III): C. & G.S. - 9 lens - 8.25 inches focal length

PHOTOGRAPHS (III)

Number Date Time Scale Stage of Tide

None in area of manuscript. Refer to listings in Descriptive Report for T-9717.

Tide (III)

Reference Station:

Subordinate Station:

Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV): *Lina T. Stevens*

Date: *6 February 1957*

Final Drafting by (IV): *C. Chettle*

Date: *2/25/58*

Drafting verified for reproduction by (IV): *W.O. Hallum*

Date: *3-6/58*

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): *6*

Shoreline (More than 200 meters to opposite shore) (III): *3.8 statute miles*

Shoreline (Less than 200 meters to opposite shore) (III): *none*

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): *1* Recovered: *1* Identified: *1*

Number of BMs searched for (II): Recovered: Identified:

Number of Recoverable Photo Stations established (III): *none*

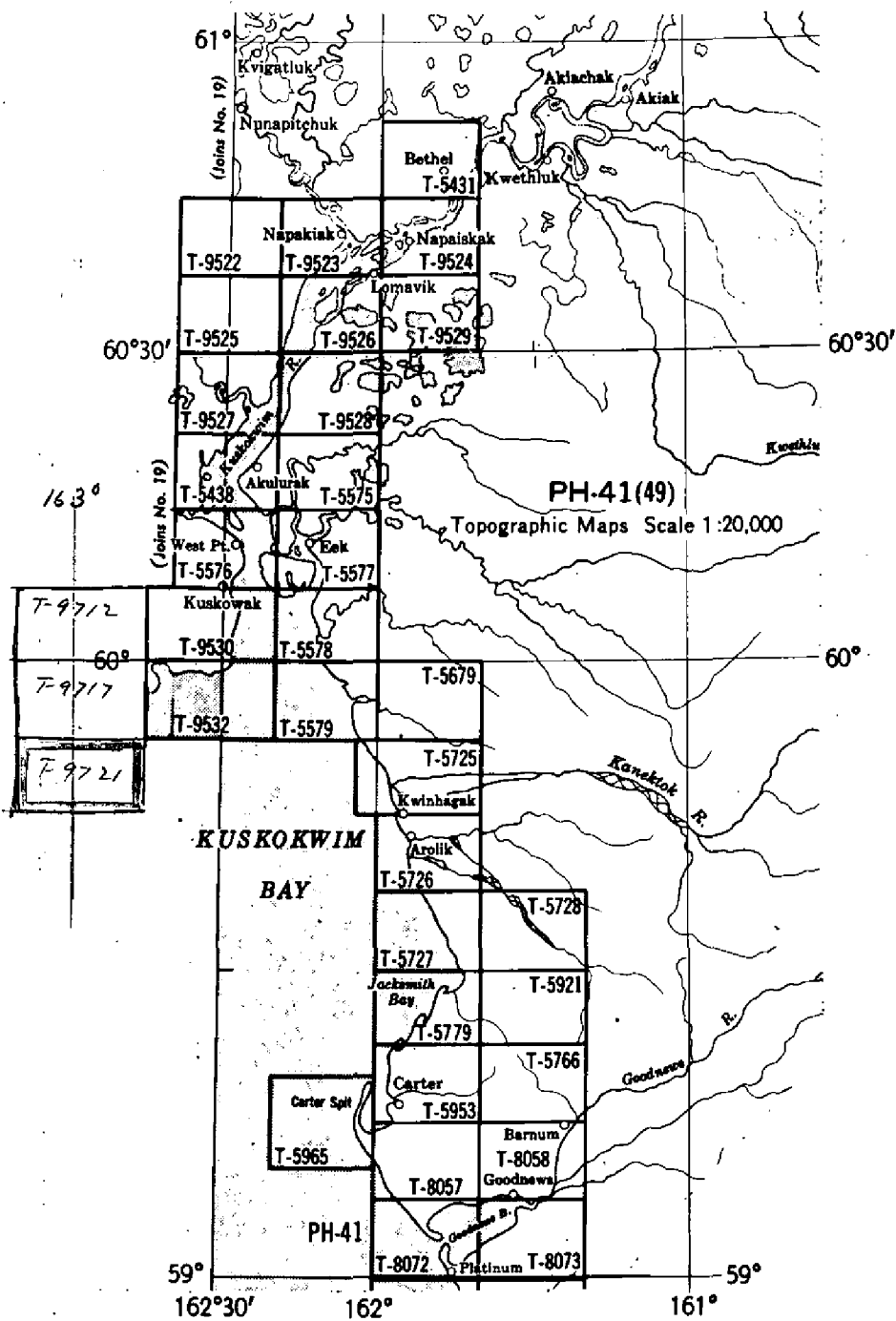
Number of Temporary Photo Hydro Stations established (III): *none*

Remarks:

TOPOGRAPHIC MAPPING PROJECT PH-41(49)

ALASKA, Bering Sea, Vicinity of Kuskokwim Bay

2 407 0



Topographic Maps Scale 1:20,000

Summary to Accompany T-9721

Project Ph-41(49), Kuskokwim Bay and River, has two sections: Ph-41(S) consists of twelve topographic maps extending from Platinum (59° 00') to Kwinhagak (59° 45'); and Ph-41(N) twenty-two planimetric maps extending from Kwinhagak to the vicinity of Bethel (60° 52½').

The field work for the project was executed in the summer of 1949 under A. Newton Stewart in cooperation with the geodetic party in project G-949 under Curtis Le Fever and was a continuation of the Bristol Bay project (Ph-8-46).

After the maps for the project have been reviewed and reproduced, a Project Completion Report will be written. It will include a brief summary of the project, a listing of the various records and reports, and a set of project instructions.

A cloth-backed copy of each map at manuscript scale and the descriptive report will be registered and filed in the Bureau Archives.

FIELD INSPECTION REPORT

Map Manuscript T-9721

Project 6041

Refer to: Project Report for Ph-56(49)
Dated September 1949
Curtis LeFevre, Chief of Party

PHOTOGRAMMETRIC PLOT REPORT

Map Manuscript T-9721

Project 6041

Refer to the Photogrammetric Plot Report for map manuscripts T-9712, T-9717 and T-9721 which is included in the Descriptive Report for T-9712, Project 6041.

COMPILATION REPORT

Map Manuscript T-9721

Project 6041

Items 31 thru 38 of the Compilation Report for T-9712 are applicable to T-9721 except for photograph coverage and tide data. For this data refer to remarks made in the Descriptive Report for T-9717.

39. JUNCTIONS:

A satisfactory junction was made with T-9717.

40. HORIZONTAL AND VERTICAL ACCURACY:

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

There are no vertical control stations in the area of this manuscript and vertical accuracy is not applicable.

Items 46 and 47 of the Descriptive Report for T-9712 are applicable to T-9721.

Approved:



Fred Natella
Comdr., C&G Survey

Respectfully submitted:



J. Edward Deal
Cartographer

48. GEOGRAPHIC NAMES:

No final names sheet was furnished for the area of this map manuscript. There is only one name on the map manuscript namely:

KUSKOKWIM BAY.

Kwigillingok (for title)

Names approved
2-8-57. L. Heck

49. NOTES TO THE HYDROGRAPHER:

There were no recoverable topographic stations or photo-hydro stations located within the limits of this map manuscript.

Review Report T-9721
Planimetric Map
6 February 1957

62. Comparison with Registered Surveys

There are no prior surveys for this area.

63. Comparison with Maps of Other Agencies

USGS Kiskokwim Bay 1:250,000 ed. 1951 Reconm.

This is a generalized map so that there is little basis for comparison.

64. Comparison with Contemporary Hydrographic Surveys

There is no hydrographic survey for this area.

65. Comparison with Nautical Charts:

There is no nautical chart for this area.

66. Accuracy

The map complies with project instructions and meets charting needs.

Reviewed by:

Lena T. Stevens
Lena T. Stevens

Approved by:

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

May Bluketto
Chief, Nautical Chart Br.
Charts Division

J. Bull
Acting Chief, Photogrammetry Div.

J. Bull
Chief, Coastal Surveys