

9560

Orig.

Diag. Cht. No. 8554.

Form 504	
U. S. COAST AND GEODETIC SURVEY	
DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	Shoreline
Field No. Ph-164	Office No. T-9560
LOCALITY	
State	Alaska
General locality	Cook Inlet
Locality	Cook Inlet-Port Graham
194 1953-56	
CHIEF OF PARTY	
Field: G.A.Nelson	
Office: L.W.Swanson	
LIBRARY & ARCHIVES	
DATE	May 1963

B-1870-1 (1)

9560

DATA RECORD

T-9560

Project No. (II): ~~27370~~ ^{PH 164} Quadrangle Name (IV):

Field Office (II): **Ship Explorer**

Chief of Party: **G. A. Nelson**

Photogrammetric Office (III): **Wash. D.C.**

Officer-in-Charge: **L.W. Swanson**

Instructions dated (II) (III): **22 august 1956**

Copy filed in Division of
Photogrammetry (IV)

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

Manuscript Scale (III): **1:10,000**

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III):

Date received in Washington Office (IV): **11-26-56** Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): **7/25/62**

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): **N.A. 1927**

Vertical Datum (III): **MHW**

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):

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)

Inapplicable

DATA RECORD

Field inspection by (II): **C.W.Clark**

Date: **May 1956**

Planetable contouring by (II): **None**

Date:

Completion Surveys by (II): **None**

Date:

Mean High Water Location (III) (State date and method of location):

Identified in field on 1953 photographs

Projection and Grids ruled by (IV): **A. Riley**

Date: **9-7-56**

Projection and Grids checked by (IV): **A. Riley**

Date: **9-7-56**

Control plotted by (III): **J. Battley**

Date: **9-26-56**

Control checked by (III): **G. Amburn**

Date: **9-27-56**

Radial Plot or Stereoscopic

Date: **10-18-56**

Control extension by (II): **J. Battley**

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Date:

Manuscript delineated by (III): **G. Amburn**

Date: **11-1-56**

Photogrammetric Office Review by (II):

Date:

Elevations on Manuscript

Date:

checked by (II) (III):

Camera (kind or source) (III): C&GS 9-L

Number	Date	Time	Scale	Stage of Tide
41117-41118	24 July 53	1419	1:10,000	10.9'ft.above MLLW
41133	"	1440	"	"
41159	"	1458	"	"

Tide (III)*

Reference Station: Seldovia, Kachemak Bay
Subordinate Station: Port Graham
Subordinate Station:

Diurnal		
Ratio of Ranges	Mean Range	Spring Range
	15.4	17.8
0.9	14.4	16.5

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):

Shoreline (More than 200 meters to opposite shore) (III):

Shoreline (Less than 200 meters to opposite shore) (III):

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:

* Height of MHW referred to MLLW = 15.8 ft.

Field Inspection Report

This report covers surveys T-8482, T-8608, T-9560, T-9566, T-9568 and T-9742 and is filed as part of the Descriptive Report for T-8482.

PHOTOGRAMMETRIC PLOT REPORT

This report covers Shoreline Surveys T-8608, T-9560, T-9568 and T-9742.

It is filed as part of the Descriptive Report for T-8608.

COMPILATION REPORT
T-9560

31. DELINEATION:

Features were delineated on plastic work sheets by stereoscopic examination of nine lens photographs using field inspection photographs as a guide. The work sheets were then adjusted to the scale of the map manuscript for the compilation.

32. CONTROL:

See the photogrammetric plot report which is filed as part of the descriptive report for T-8608.

33. SUPPLEMENTAL DATA:

None

34. CONTOURS AND DRAINAGE:

Inapplicable

35. SHORELINE AND ALONGSHORE DETAILS :

Field inspection was generally adequate for the delineation of shoreline. One small area was observed by shadow (Sub-heading 7 of Field Inspection Report).

36. OFFSHORE FEATURES

The field inspection required some office interpretation (see sub-heading 8 of the Field Inspection Report).

37. LANDMARKS AND AIDS:

None

38. CONTROL FOR FUTURE SURVEYS

Topographic station, JADE, 1956, was located by photogrammetric methods and a form 524 has been submitted.

39. JUNCTIONS:

This survey junctions with T-8608 West, T-9566 East, T-9742 South; no contemporary survey North.

40. HORIZONTAL AND VERTICAL ACCURACY

See the photogrammetric plot report (attached to T-8608) for a detailed discussion of accuracy. No deficiencies in accuracy are indicated.

41. through 45

Inapplicable

46. COMPARISON WITH EXISTING MAPS

SELDOVIA (B-5) ALASKA (USGS) 1:63,360 1953
T-2879, 1:10,000, 1908
T-3106, 1:40,000, 1910

Shoreline features are shown in more detail on T-9560. Otherwise T-9560 is in general agreement with these surveys.

47. COMPARISON WITH NAUTICAL CHARTS:

8554, 1:200,000, Published 1912, Corrected to 9/20/54
8589, 1:20,000 " 1943, " " 6/18/51

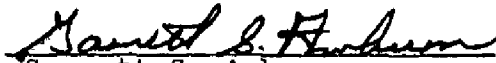
ITEMS TO BE APPLIED IMMEDIATELY:

None


ITEMS TO BE CARRIED FORWARD:

None

Submitted by:


Garnett S. Amburn
Cartographic Aid

APPROVED BY:

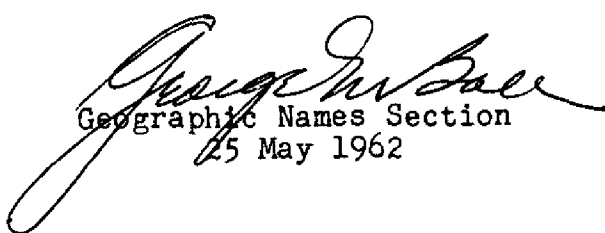

Everett H. Ramey, Chief
Graphic Compilation Unit

T-9560

48. Geographic Names:

*Cook Inlet
*Port Graham
Selenie Lagoon

*BGN decision


Geographic Names Section
25 May 1962

REVIEW REPORT
of Topographic Map T- 9560
June 1962

62. Comparison with Registered Topographic Maps

See Item 46

63. Comparison with Maps of Other Agencies

Seldovia B-5 and B-6 Alaska 1:63,360 1953

Because of the scale difference only a visual comparison was made. T-9560 is more complete and supersedes the above survey for common area.

64. Comparison with Contemporary Hydrographic Surveys

There are no contemporary hydrographic surveys of this area.

65. Comparison with Nautical Charts

8589 1:20,000 Corrected to June 1951

There are no major discrepancies in the chart and the subject manuscripts.

66. Adequacy of Results and Future Surveys

Shoreline inspection is not complete in all areas. Lack of inshore inspection may have resulted in minor errors in office interpretation. Other than these, no deficiencies in accuracy were indicated.

Reviewed by:

L. C. Lande
L. C. Lande

Approved by:

Charles Hansen
Chief, Cartographic Branch

Lyne G. Taylor
Chief, Nautical Charts Div.

J. W. Waugh 11/29/62
Chief, Photogrammetry Division

Harold S. Connelley
Chief, Operations Division

