

13328

13328

NOAA FORM 76-35

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEY

## DESCRIPTIVE REPORT

Type of Survey Shoreline (Photogrammetric)

Job No. .... Map No. T-13328

Classification No. .... Edition No. ....  
Field Edited

## LOCALITY

Alaska  
State .....

General Locality Hoonah Sound & Peril Strait

Locality Sitkoh Bay

1967 TO 1970

Alfred C. Holmes, Director, AMC

## REGISTRY IN ARCHIVES

DATE .....

## DESCRIPTIVE REPORT - DATA RECORD

T-13328

PROJECT NO. (I): PH-6306		
FIELD OFFICE (II): None		CHIEF OF PARTY
PHOTOGRAMMETRIC OFFICE (III): Atlantic Marine Center, Norfolk, VA		OFFICER-IN-CHARGE Alfred C. Holmes; Director, AMC
INSTRUCTIONS DATED (II) (III):  OFFICE - Sept. 17, 1968 OFFICE - SUPPLEMENT I - Dec. 1969 OFFICE - AMENDMENT I - Mar. 26, 1970		
METHOD OF COMPILATION (III): Wild B-8 Stereo-Plotter		
MANUSCRIPT SCALE (III): 1:10,000	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III): 1:15,000 Pantographed To 1:10,000	
DATE RECEIVED IN WASHINGTON OFFICE (IV):		DATE REPORTED TO NAUTICAL CHART BRANCH (IV):
APPLIED TO CHART NO.	DATE:	DATE REGISTERED (IV): MAR. 3, 1975
GEOGRAPHIC DATUM (III): N.A. 1927		VERTICAL DATUM (III): MEAN <del>LOW</del> <sup>HIGH WATER</sup> EXCEPT AS FOLLOWS: Elevations shown as (25) refer to mean high water Elevations shown as (5) refer to sounding datum i.e., <del>mean low water</del> or mean lower low water
REFERENCE STATION (III): None		
LAT.:	LONG.:	<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED
PLANE COORDINATES (IV): Y = X =		STATE Alaska
		ZONE 1
WHEN ENTERING NAMES OF PERSONNEL ON THIS RECORD GIVE THE SURNAME AND INITIALS, NOT INITIALS ONLY.		

## DESCRIPTIVE REPORT - DATA RECORD

T-13328

FIELD INSPECTION BY (II):  None		DATE:
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):  Air Photo Compilation - June 3, 8, 17, 1967		
PROJECTION AND GRIDS RULED BY (IV):  Coradomat		DATE Dec. 8, 1969
PROJECTION AND GRIDS CHECKED BY (IV):  Coradomat		DATE Dec. 8, 1969
CONTROL PLOTTED BY (III):  Aerotriangulation - Coradomat		DATE Dec. 8, 1969
CONTROL CHECKED BY (III):  Aerotriangulation - Coradomat		DATE Dec. 8, 1969
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):  I.T. Saperstein		DATE Nov. 1969
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY By: R. White A.L. Shands L.O. Neterer Reviewed By: C.H. Bishop	DATE Mar. 16, 1970 3/13/70 3/14/70 3/16/70
	CONTOURS Inapplicable	DATE
MANUSCRIPT DELINEATED BY (III):  C.H. Bishop		DATE Mar. 19, 1970
SCRIBING BY (III):  J. Hinton		DATE June 1972
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): Compilation: B. Wilson Field Edit: R.J. Pate Scribing and Stick Up:		DATE Mar. 21, 1970 Aug. 4, 1970
REMARKS:  Field Edit By: A.F. Divis		DATE: April 1970

## DESCRIPTIVE REPORT - DATA RECORD

T-13328

MERA (KIND OR SOURCE) (III):

Wild RC-8 "L" &amp; "M"

## PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
67L(c)-3240-3243	June 8, 1967	10:03	1:30,000	1 ft. above MLW

Predicted TIDE (III)

Diurnal

	RATIO OF RANGES	MEAN RANGE	RANGE
REFERENCE STATION: Juneau, Alaska		13.8	16.4'
SUBORDINATE STATION: Fairway Island, Alaska		11.6	14.2'
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV):

Bernard Kurs, AMC

DATE:

May 1973

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

0

RECOVERED:

0

IDENTIFIED:

0

NUMBER OF BM(S) SEARCHED FOR (II):

0

RECOVERED:

0

IDENTIFIED:

0

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

None

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

None

REMARKS:

T-13328

COMPILATION RECORD

COMPLETION DATE

REMARKS

Compilation Complete Pending Field Edit	3/19/70	Superseded
Field Edit Applied; Compilation Complete	Aug. 1970	Superseded
Final Review	May 1973	



## SUMMARY TO ACCOMPANY

## DESCRIPTIVE REPORT

T-13328

Shoreline survey T-13328 is part of Project PH-6306. The project is located in southeastern Alaska in the Hoonah Sound-Peril Straits area. This survey covers the longest part of Sitkoh Bay, from its head and extending southeastward.

There was no field work preceding the "Incomplete" manuscript.

Compilation was at 1:10,000 scale by B-8 plotter and further refined by ratio color photography. A copy of the "Incomplete" manuscript, along with ozalids and specially prepared photographs, was furnished for the preparation of the boat sheet, location of photo-hydro signals and field edit use.

Field edit was done during April, 1970. After field edit was applied, the manuscript was scribed, stuck-up and reproduced on cronaflex. Final review was at AMC during May, 1973. One cronaflex and negative of the final reviewed manuscript are being forwarded for record and registry.

## FIELD INSPECTION

T-13328

There was no field inspection prior to compilation.



Photogrammetric Plot Report (Part II)  
Job PH-6306  
Hoonah Sound and Peril Strait, Alaska

Area Covered

-2-

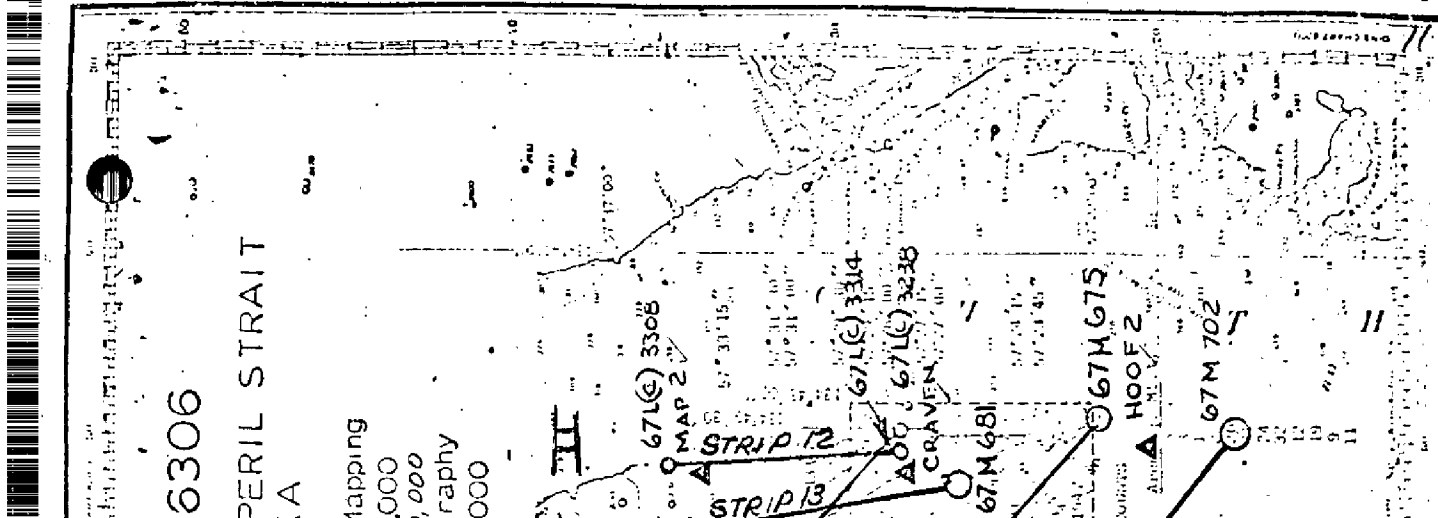
24. Supplemental Data

Vertical control needed for the adjustment was taken from  
USGS quadrangles.

Notes to Compiler

In order to compile the 1:10,000 scale sheets in Peril Strait, Rodman Bay and Saook Bay, it may be necessary to do so from the 1:30,000 scale photography. If so, order 1:30,000 color plates and contact photographs where necessary to locate compilation points from the 1:60,000 scale bridging photography. (See photo layout for plates required). All ratio prints should be ordered by the compilation office.

Bridge points will be plotted in Rockville by the Coradi on all sheets except T-11939.





## COMPILATION REPORT

MAP MANUSCRIPT T-13328

PH-6306

31. DELINEATION

This manuscript was compiled using the Wild B-8 Stereoplotter with color photography. There was no field inspection.

32. CONTROL

See Photogrammetric Plot Report (Part II) dated November, 1969.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

The streams were compiled using the Wild B-8 and office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

The mean high water line was compiled using the Wild B-8 and color photography taken at 1.0 ft. above mean lower low water. Determination of the waterline from these photographs was doubtful along portions of the shoreline that were obscured by tree overhang and shadows. The mean high water line at the upper end of the bay was also difficult to compile. The field editor was asked to verify the mean high water line in these areas.

An approximate mean lower low water line was delineated using the Wild B-8 and color photography taken at 1.0 ft. above mean lower low water.

37. LANDMARKS AND AIDS

No copies of form 567 for landmarks or aids were forwarded to Rockville Office.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

A satisfactory junction was made with T-13329 to the east. There is no detail at the junction lines with T-11941 to the west and T-11942 to the south.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

41. FIELD EDIT46. COMPARISON WITH EXISTING MAPS

A satisfactory comparison was made with USGS Quadrangles SITKA (C-3), ALASKA, scale 1:63,360, dated 1948 and SITKA (B-3), ALASKA, scale 1:63,360 dated 1951, with minor revisions 1962.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with Chart 8283, Peril Strait, Hoonah Sound to Chatham Strait, Scale 1:40,000, 5th Edition, dated May 12, 1969.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted:

*Richard R. White*

Richard R. White  
Cartographic Technician  
3/19/70

Approved for forwarding:

*Melvin J. Umbach*  
Melvin J. Umbach, CDR, NOAA  
Chief, Coastal Mapping Division, AMC

Approved:

*ADPOLL*

RADM. NOAA

Director. Atlantic Marine Center



GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6303 (Alaska)


T-13328

• Chatham

• Chichagof Island

• Sitkoh Bay

Approved by:

  
A. Joseph Wraight  
Chief Geographer

Prepared by:

3-22-73  
Frank W. Pickett  
Cartographic Technician

T-13328

49. NOTES FOR THE HYDROGRAPHER

None

FORM C&GS-1002  
(9-66)

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

PHOTOGRAMMETRIC OFFICE REVIEW

[REDACTED]

## FIELD EDIT REPORT

MAP T-13328

Peril Strait

Sitkoh Bay

Field edit of map T-13328 was accomplished during April, 1970. Inspection was done from a skiff in conjunction with photo-hydro signal identification and from a launch during hydrography.

### METHOD

Field photographs and a copy of the Field Edit Ozalid were examined in the field. The mean high water line was verified by visual comparison of the shore area to field photographs and ozalid. Notes on the heights of rocks, location of the MHWL, and other data pertaining to photo identifiable features have been made in violet ink on the Field Edit Ozalid and cross referenced where necessary, to field matte ratio prints. Unless otherwise indicated all shoreline features have been verified correct as interpreted. Corrections made to the interpreted MHWL are indicated on photo 67L3243. All notes are in violet ink on photos 67L3240, 67L3241, and 67L3243.

All times are based on meridian 120°W.

### ADEQUACY OF COMPILATION

Compilation of the map is good. Position and extent of rocks and ledges are accurate; additional photo identifiable features have been indicated on the Field Edit Ozalid and cross referenced to matte ratio prints.

Field inspection of the map is complete.

### RECOMMENDATIONS

It is recommended that the map be revised in accordance with accompanying notes and be accepted as an advance manuscript. It is also recommended that a 1:1,000 scale manuscript be prepared to accompany a tagline survey of that scale run on the Chatham Cannery wharf and fuel pier.

*The recommended 1:1,000 scale  
survey is impracticable and  
has not be scheduled. 7/17/70*

*dfj*

Respectfully submitted,

*Allan F. Divis*

Allan F. Divis  
LTJG, USESSA

## REVIEW REPORT T-13328

## SHORELINE

May, 1973

61. GENERAL STATEMENT

See summary which is page 6 of the Descriptive Report.

62. COMPARISON WITH REGISTERED SURVEYS

There is no registered survey in this area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A visual comparison was made with U.S.G.S. Quadrangles Sitka (B-3) Alaska dated 1951 and Sitka (C-3), Alaska dated 1948, both at 1:63,360 scale. There is general agreement.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Comparison was made with boat sheet H-9123, 1:10,000 scale dated 1970. Differences were very minor except for the MLLWL at the head of Sitkoh Bay and in a few places alongshore. The photogrammetric MLLWL was delineated from photography taken at 1 foot above MLLW and is being retained on the survey for whatever use the chart compiler may see fit. ✓

65. COMPARISON WITH NAUTICAL CHARTS

A visual comparison was made with chart 8283 at 1:40,000 scale dated July 17, 1971. There is general agreement.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

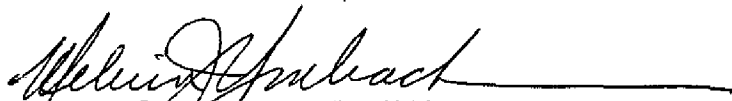
This survey meets project instructions and the National Standards of Map Accuracy.

Reviewed by:




Bernard Kurs  
Cartographer

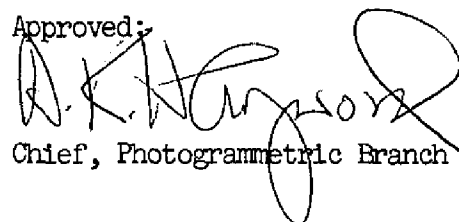
Approved for forwarding:

  
Melvin J. Umbach, CDR, NOAA  
Chief, Coastal Mapping Division, AMC

Approved:

  
Alfred C. Holmes  
RADM, NOAA  
Director, Atlantic Marine Center

Approved:

  
Chief, Photogrammetric Branch

  
Chief, Coastal Mapping Division