

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. Field Edited Edition No.

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. (II):

PH-6306

FIELD OFFICE (II):

None

CHIEF OF PARTY

PHOTOGRAMMETRIC OFFICE (III):

Atlantic Marine Center, Norfolk, VA

OFFICER-IN-CHARGE

Alfred C. Holmess, 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):

HIGH WATER

MEAN ~~_____~~ EXCEPT AS FOLLOWS:

Elevations shown as (25) refer to mean high water

Elevations shown as (5) refer to sounding datum

i.e., ~~_____~~ or mean lower low water

REFERENCE STATION (II):

None

LAT.:

LONG.:

 ADJUSTED UNADJUSTED

PLANE COORDINATES (IV):

STATE

ZONE

Y =

X =

Alaska

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MAN 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.

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DESCRIPTIVE REPORT - DATA RECORD

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

DESCRIPTIVE REPORT - DATA RECORD

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CAMERA (KIND OR SOURCE) (III):

Wild RC-8 "L" & "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 MLLW

Predicted TIDE (III)

Diurnal

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

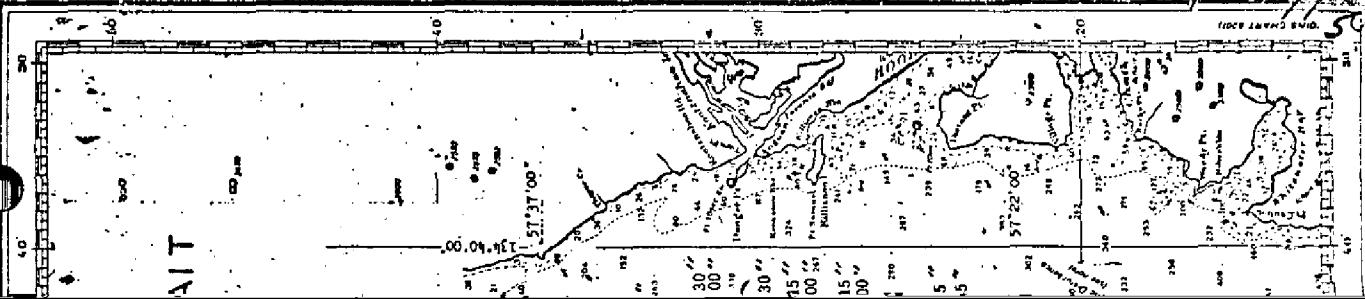
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COMPILED RECORD

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.

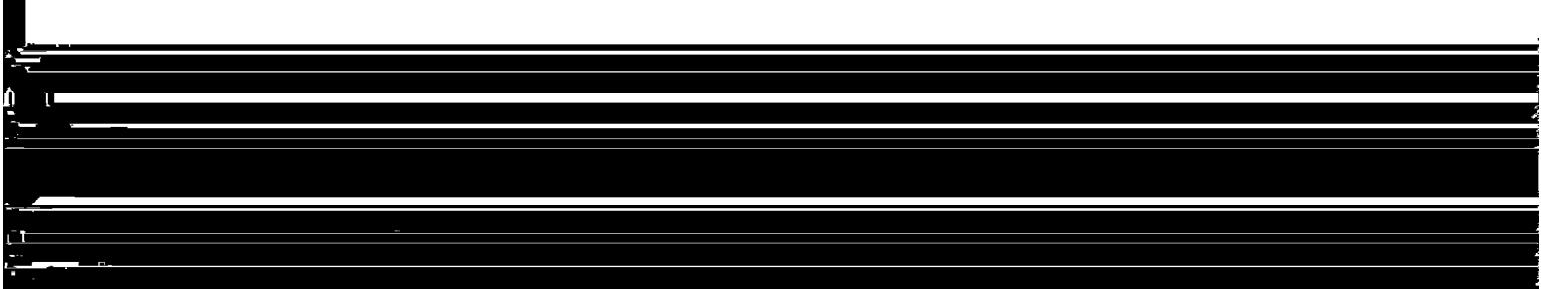
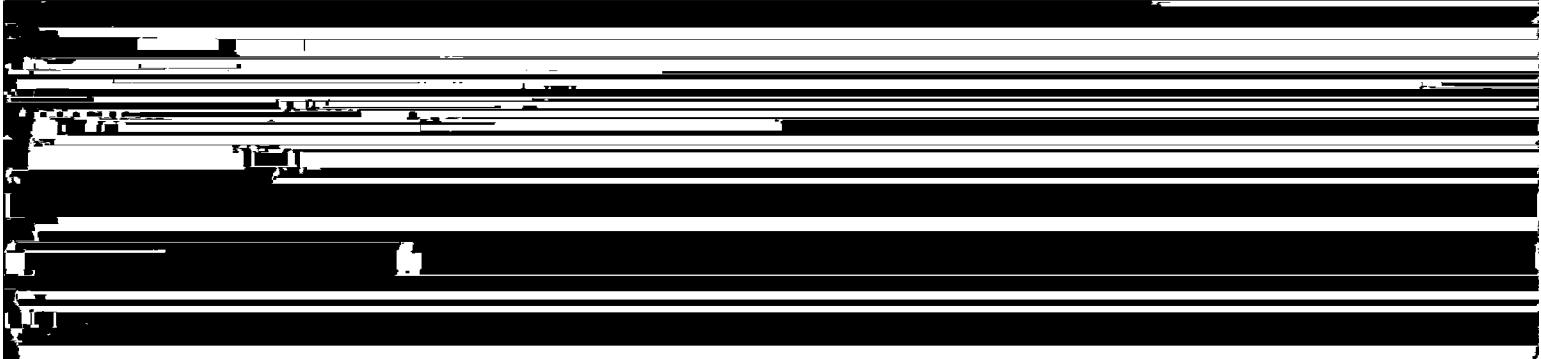
Photogrammetric Plot Report (Part II)
Job PH-6306
Hoonah Sound and Peril Strait, Alaska

22 Area Covered

-2-

24. Supplemental Data

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



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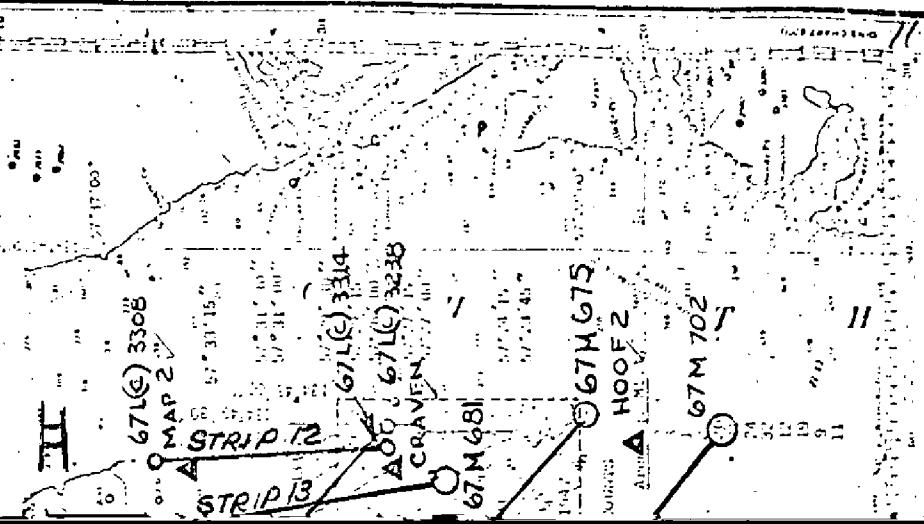
Notes to Compiler

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.

6306

PERIL STRAIT



FORM C&GS-164
(4-68)
USCOMM-D/C
50318-P68

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT, CONTROL RECORD

MAP T- 13328

PH-6306

PROJECT NO.

PH-6306

SCALE OF MAP

1:10,000

SCALE FACTOR

None

N.A. 1927 - DATUM
DISTANCE FROM GRID OR PROJECTION LINE
IN METERS (1 Ft. = 3048006 meters)
(BACK)

FORWARD

SOURCE OF
INFORMATION
(INDEX)

DATUM

LATITUDE OR Y COORDINATE
LONGITUDE OR X COORDINATE

NONE

N.A.
1927

COMPUTED BY

DATE

CHECKED BY

DATE

COMPIILATION 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

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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 EDIT

46. 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:

ADM. NOAA

RADM. NOAA

Director, Atlantic Marine Center

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6303 (Alaska)

T-13328

Chatham

Chichagof Island

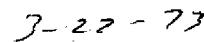
Sitkoh Bay

Approved by:



A. Joseph Wraight
Chief Geographer

Prepared by:



Frank W. Pickett
Cartographic Technician

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49. NOTES FOR THE HYDROGRAPHER

None

PHOTOGRAMMETRIC OFFICE REVIEW

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. ✓

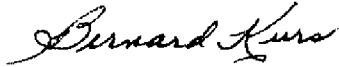
65. COMPARISON WITH NAUTICAL CHARTS

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

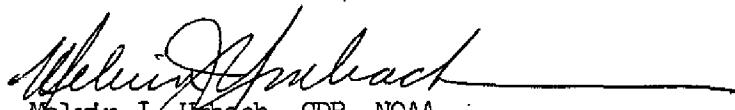
This survey meets project instructions and the National Standards of Map Accuracy.

Reviewed by:



Bernard Kurs
Cartographer

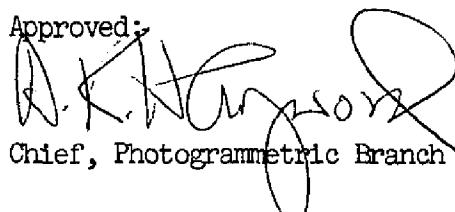
Approved for forwarding:


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

Approved:


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

Approved:


D.K. Wagoner
Chief, Photogrammetric Branch


Charles L. Henn
Chief, Coastal Mapping Division