

T-12374

T-12374

NOAA FORM 76-35
(6-80)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT

Map No.
T-12374*Edition No.*
1*Job No.*
PH-6303*Map Classification*
FINAL FIELD EDITED MAP*Type of Survey*
SHORELINE

LOCALITY

State
ALASKA*General Locality*
CLARENCE STRAIT*Locality*
MAGNETIC POINT

19 63 TO 19 71

REGISTERED IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.					
DESCRIPTIVE REPORT - DATA RECORD		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED </td> <td style="width: 50%;"> SURVEY TP. <u>12374</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB PH. <u>6303</u> </td> </tr> </table>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	SURVEY TP. <u>12374</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB PH. <u>6303</u>		
TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	SURVEY TP. <u>12374</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB PH. <u>6303</u>						
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division AMC, Norfolk, VA		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"> LAST PRECEDING MAP EDITION </td> </tr> <tr> <td style="width: 50%;"> TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED </td> <td style="width: 50%;"> JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__ </td> </tr> </table>		LAST PRECEDING MAP EDITION		TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__
LAST PRECEDING MAP EDITION							
TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__						
OFFICER-IN-CHARGE Jeffrey G. Carlen							

I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Aerotriangulation Jan 9, 1967 Compilation Mar 20, 1967 Compilation Supp. 1 Nov 6, 1970 Compilation Supp. 2 Nov 23, 1970 Compilation Supp. 3 Nov 5, 1971 Compilation Amend 1 Dec 7, 1971	Control Feb 10, 1966		

II. DATUMS					
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify) _____			
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input checked="" type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify) _____			
3. MAP PROJECTION polyconic		4. GRID(S) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">STATE Alaska</td> <td style="width: 50%;">ZONE 1</td> </tr> </table>		STATE Alaska	ZONE 1
STATE Alaska	ZONE 1				
5. SCALE 1:10,000		STATE _____ ZONE _____			

III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS	NAME	DATE	
1. AEROTRIANGULATION BY P. Hawkins - J. Perrow		Mar 67-Dec 70	
METHOD: stereoplanigraph LANDMARKS AND AIDS BY			
2. CONTROL AND BRIDGE POINTS PLOTTED BY A. Bethea		Aug 1968	
METHOD: coradomat CHECKED BY A. Bethea		Aug 1968	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY L. Neterer, Jr.		Jan 1971	
COMPILATION CHECKED BY R. White		Jan 1971	
INSTRUMENT: Wild B-8 & graphically	NA		
SCALE: CHECKED BY NA			
4. MANUSCRIPT DELINEATION PLANIMETRY BY L. Neterer, Jr.		Jan 1971	
CHECKED BY R. Pate		Jan 1971	
METHOD: smooth drafted	NA		
CHECKED BY NA			
SCALE: 1:10,000 HYDRO SUPPORT DATA BY L. Neterer, Jr.		Jan 1971	
CHECKED BY R. Pate		Jan 1971	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY R. Pate		Jan 1971	
6. APPLICATION OF FIELD EDIT DATA BY A. Shands		Aug 1972	
CHECKED BY A. C. Rauck		Aug 1972	
7. COMPILATION SECTION REVIEW BY A. C. Rauck		Mar 1976	
8. FINAL REVIEW BY L. O. Neterer, Jr.		Sep 1987	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY L. O. Neterer, Jr.			
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY P. Dempsey		June 1988	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY J. Liban		July 1988	

NOAA FORM 76-36B
(3-72)

T-12374

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

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "W" & "L"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR <input checked="" type="checkbox"/> (P) PANCHROMATIC (I) INFRARED		ZONE Pacific	<input checked="" type="checkbox"/> STANDARD
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				MERIDIAN 120th	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
63W 7254-7258	Jul 2, 1963	10:36	1:30,000	11.3 above MLLW	
65L 5091	Jul 30, 1965	10:25	1:30,000	2.1 above MLLW	
63W 7615-7617	Jul 2, 1963	15:18	1:15,000	5.1 ft above MLLW	
63W 7627-7631	Jul 2, 1963	15:24	1:15,000	5.0 ft above MLLW	

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was compiled from the above listed photography.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

A partial mean lower-water line was compiled from the 1965 photography

4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

5. FINAL JUNCTIONS

NORTH No survey	EAST T-11981	SOUTH T-12378	WEST T-12373
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REMARKS

NOAA FORM 76-36C
(3-72)

T-12374

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

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	B. Williams	Apr 1966
2. HORIZONTAL CONTROL	RECOVERED BY R. Melby	Apr 1966
	ESTABLISHED BY R. Melby	Apr 1966
	PRE-MARKED OR IDENTIFIED BY R. Melby	Apr 1966
3. VERTICAL CONTROL	RECOVERED BY NA	
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY NA	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY None	
	LOCATED (Field Methods) BY None	
	IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

Photoidentified

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
63W 7257	FANG, 1966 sub pt		
63W 7254	LOOK, 1916 sub pt		

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES:

☐ REPORT☒ NONE

6. BOUNDARY AND LIMITS:

☐ REPORT☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

4 forms 152, 1 form 25

T-12374
HISTORY OF FIELD OPERATIONS1. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	H. R. Lippold	Mar 1971
2. HORIZONTAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None None
3. VERTICAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	NA NA NA
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (<i>Triangulation Stations</i>) BY LOCATED (<i>Field Methods</i>) BY IDENTIFIED BY	None None None
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION BY	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	L. Oliver
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED
None2. VERTICAL CONTROL IDENTIFIED
NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (*Clarification of details*)

63W 7626-7628 & 7630

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (*Sketch books, etc. DO NOT list data submitted to the Geodesy Division*)

Field edit ozalid Field edit report

NOAA FORM 76-36D (3-72)	T-12374 RECORD OF SURVEY USE	U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
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I. MANUSCRIPT COPIES			DATE MANUSCRIPT FORWARDED	
COMPILATION STAGES			MARINE CHARTS	HYDRO SUPPORT
DATA COMPILED	DATE	REMARKS		
Compilation complete pending field edit	Jan 1971	Class III	Mar 30, 1971	Mar 2, 1971
Field edit applied compilation complete	Aug 1972	Class I	Jun 9, 1975	
Final Review	Sep 1987	Final Field Edited Map	June 1987	

II. LANDMARKS AND AIDS TO NAVIGATION None

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH			
NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: None
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.

2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.

3. ☐ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:

4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS *(This section shall be completed each time a new map edition is registered)*

SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	

JOB PH-6303

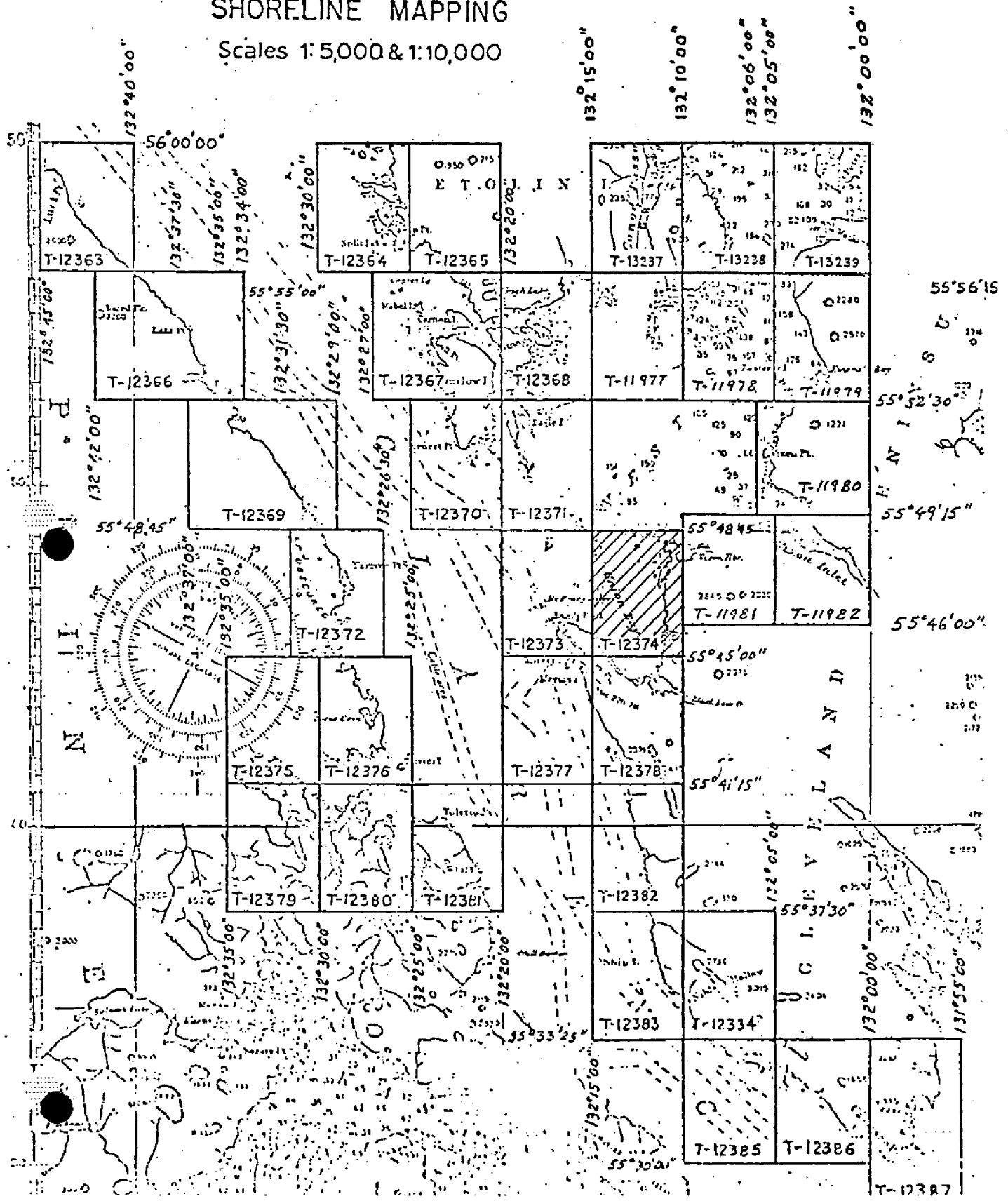
CLARENCE STRAIT

ALASKA

SHORELINE MAPPING

Scales 1:5,000 & 1:10,000

REVISED 9/23/76 RWW
 REVISED 10/7/86 D.B.
 T-13240 CANCELED
 REVISED 12/11/86 JDM
 T-13381 CANCELED (1976)



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

T-12374

This 1:10,000 scale shoreline map is one of thirty-four maps that comprise project PH-6303, Clarence Strait, Alaska. This project encompasses Clarence Strait and Ernest Sound, latitude 55° 28' 45" north to latitude 56° 00' 00" and longitude 131° 55' 00" west to longitude 132° 45' 00".

Photographic coverage was provided in July 1963 using the "W" camera (focal length 153.02 millimeters) at 1:15,000 and 1:30,000 scale and in July 1965 with the "L" camera (focal length 152.21 millimeters) at 1:30,000 scale. Black and white panchromatic film was used both years.

Field work prior to compilation consisted of photoidentification of horizontal control for aerotriangulation in May 1966.

Analytic aerotriangulation was performed at the Washington Science Center for Part I in March 1967 and for Part II in December 1970.

Compilation was performed at the Atlantic Marine Center during January 1971.

Field edit was accomplished during May 1971.

Application of field edit and advancing this map to Class I status was achieved in March 1972.

Final review was completed at the Atlantic Marine Center during September 1987.

This Descriptive Report contains all pertinent information used to compile this Final Field Edited Map.

The original base map and all pertinent data were forwarded to the Washington Science Center for final registration.

FIELD INSPECTION REPORT

Project PH-6303

Shoreline Mapping, Clarence Strait & Ernest Sound Alaska

May, 1966

Shoreline Manuscripts T-11982 and T-12363 thru T-12387

The area of the project is along the shores of Clarence Strait and the entrance of Ernest Sound, including Tolstoi Bay and Union Bay.

The area is in a remote section of southeast Alaska, accessible only by ship or airplane.

There are three communities, Meyers Chuck, Thorne Bay and Ratz Harbor. The latter two are logging camps.

The interior areas are covered with a dense growth of coniferous timber, chiefly spruce, hemlock and cedar.

Horizontal control consisted of the photo-identification of the required triangulation stations. New stations were established by triangulation or traverse utilizing the electronic distance measuring instruments (Fairchild MC-8 Electrochains).

The shoreline is mostly rocky and irregular. Numerous ledges extend seaward from the rocky headlands and points. The strata formation of many of the ledges are in vertical or incline planes making the ledges quite irregular and jagged. The shoreline of occasional small bights will be of a gravel, stone or boulder composition.

The shoreline was field inspected at landing sites, these locations usually being at the site of triangulation stations. The interpretation of the mean high water line on photography taken at low water can be distinguished in the following manner. Adjacent to the existing water level at the time of photography will be a white area. This is mostly barnacles and similar marine

life that reflects a white tone. This will appear as a white band paralleling the shoreline. This is followed by a dark, nearly black color tone. This area receives only occasional wave action during storms. This appears on the photography as a dark band adjacent to and next in elevation above the white band of barnacles. Above the dark band will usually be seen a greyish color tone, extending to the tree line. This is composed of grass, lichens and debris on the bedrock. The mean high water line is at the junction of the white barnacle band and the dark band. An example of this can be noted by observing contact photograph 65 L 5129 in the vicinity of the field identification of station OVAL, 1916.

Approved:

Bruce I. Williams
Bruce I. Williams Lt. ESSA

C.O. Ship PATTON

Respectfully submitted

Robert B. Melby
Robert B. Melby

Surveying Technician, C & GS

Photogrammetric Plot Report
Job PH-6303
Clarence Strait, Alaska
Part II - Northern Half

December 3, 1970

21. Area Covered

The area covered is in and around the junction of Ernest Sound and Clarence Strait, Alaska. Included are T-Sheets 11977 thru 11982, 12363 thru 12371, 12374, and 13237 thru 13240, at 1:10,000 scale, in Zone 1, Alaska Plane Coordinates.

22. Method

Seven strips were bridged on the stereoplanigraph and adjusted by I.B.M. 1620 methods. Strip #4 (63-W-7254 thru 7258) was adjusted on three triangulation sub-stations and two tie points from Strip #3 (Part I). Companion sub-stations and additional tie points served as checks. Strip #7 (65-L-5098 thru 5105) was adjusted on four triangulation sub-stations with companion sub-stations and tie points from Strip #12 as checks. Strip #8 (63-W-7324 thru 7330) was bridged only in part. 63-W-7324 thru 7328 was bridged and adjusted by a first order curve (straight line). The method employed two sub-stations for adjustment, with companion sub-stations and six tie points as checks. The remainder of the Strip (63-W-7329 and 7330) must be detailed graphically from ratio prints. Strip #9 (65-L-5109 thru 5116) was adjusted on four triangulation sub-stations with companion sub-stations, one additional triangulation station and five tie points with Strip #10 as checks. Strip #10 (63-W-7311 thru 7319) was bridged on three triangulation sub-stations with companion sub-stations and eleven tie points with Strips #8 and #9 as checks. Strip #11 (63-W-7291 thru 7306) was adjusted on four triangulation sub-stations and checked with tie points from Strip #6. Strip #12 (65-L-5091 thru 5096) was adjusted on four triangulation sub-stations with tie points from Strips #4 and #7 as checks. All points were drilled on the PUG. All tie points between strips were averaged. Some outlying islands in Sheet T-11977 and T-11978 could not be covered by bridging, nor can the area be compiled, with any accuracy, by graphic methods. Completion of these two sheets should be completed by the ship during the hydrographic survey.

23. Adequacy of Control

Horizontal control was adequate and complied with project instructions. All stations held within National Map Accuracy Standards with the following exceptions:

(1) Drag, 1916 SS "C". This position was of poor image quality. In addition, it was allowed to drift by using tie points from Strip #3, as control on Strip #4. This solution provided the best overall fit.

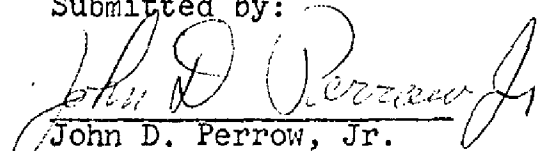
24. Supplemental Data

Local GS quads were used to provide level points for bridging Operations. Due to the nature of the terrain and the scale of the quads, these elevations are very approximate.


25. Photography

Photography was good in coverage, overlap, and definition.

Submitted by:


John D. Perrow, Jr.

Approved by:


Henry P. Eichert
Chief, Aerotriangulation Section

Notes to Compiler
PH-6303
Clarence Strait, Alaska

December 3, 1970

Strip #4 does not fit within itself too well. However, the best overall fit was made so that the strip could be tied to Strip #3 (Part I), which had been compiled at an earlier date.

Strip #8 is positioned too far out over the water to provide more than a quarter of a model in that portion of the strip north of triangulation station Mabel. These small portion models would be extremely difficult to bridge, and equally as difficult to set in a compilation instrument. Therefore, points common to both strips in that area were selected in critical areas to establish ratioing constants for Strip #8, so that those photographs could be used in compiling the alongshore detail by graphic methods.

Just south of the area covered by Strip #9, are a number of islands which could not be covered by bridging operations, due to excessive water areas. These islands are located on T-Sheets 11977 and 11978. Ratio prints of this area were made at a three time enlargement, however, these are uncontrolled, and the exact scale cannot be determined. It is recommended that the islands on these two T-Sheets be located and positioned by the hydrographic survey party.

Strip #11. It is recommended that the area covered by model 63-W-7291 - 7292 be detailed from Strip #6 (Part I), since Strip #6 seems to be the stranger photogrammetric bridge.

Note: The published position of station HASH, 1966, is in error. A new position was provided by Geodesy. The sub-stations for Station OVAL, 1916, could not be seen on the bridging photography.

*No photo coverage on the northern half of T-1322 or any of T-13240.
Points on T-13274 and 13272 must be plotted by hand on the map in the field.*

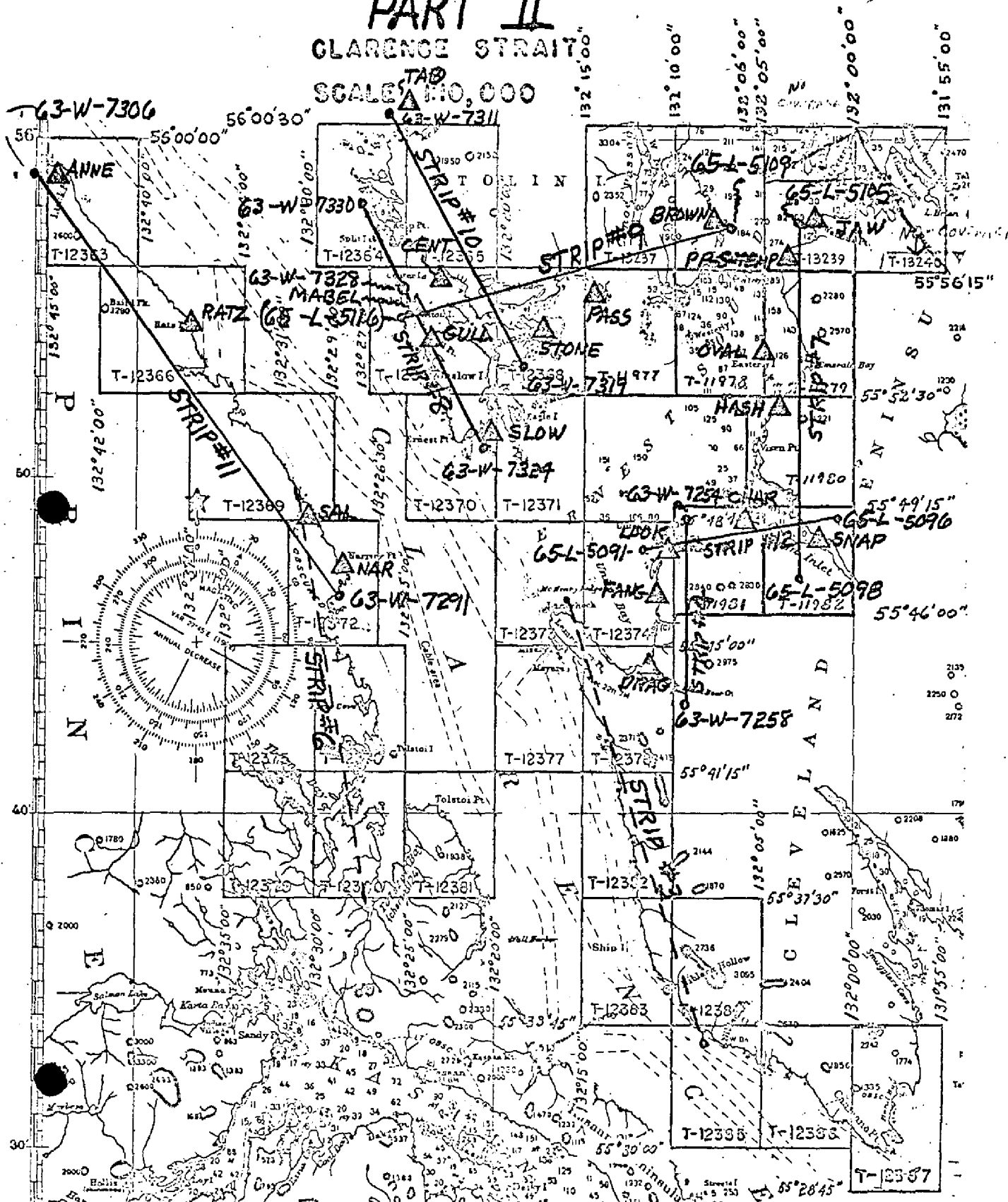
NOV. 1970

ALASKA

PART II

CLARENCE STRAIT:

SCALE ^{1/2} IN. = 100.000



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	GEODETTIC DATUM		AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		ORIGINATING ACTIVITY	
			STATE	ZONE		NA 1927	Alaska	ϕ LATITUDE	λ LONGITUDE	Division, Norfolk, Va.	Coastal Mapping
T-12374		PH-6303									
		SOURCE OF INFORMATION (Index)									
	UNION, 1916 ✓	55132 ✓ pg. 25 ✓						ϕ 55 48 11.150 ✓		FORWARD	REMARKS BACK
								λ 132 11 03.941 ✓		344.8 ✓	(1510.9) ✓
	LOOK, 1916 ✓	55132 ✓ pg. 14 ✓						ϕ 55 47 30.085 ✓		68.7 ✓	(976.5) ✓
								λ 132 11 17.913 ✓		930.5 ✓	(925.2) ✓
	FANG, 1966 ✓	G.P.Vol III pg. 1041						ϕ 55 45 44.42390 ✓		312.2 ✓	(733.3) ✓
								λ 132 10 59.06634 ✓		1373.9 ✓	(481.7) ✓
								ϕ		1030.0 ✓	(16.3) ✓
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COMPILATION REPORT

T-12374

31. DELINEATION:

The Wild B-8 and 1:30,000 scale black and white photography was used to compile all the shoreline except a small portion of Union Point which was compiled graphically. The photography was satisfactory.

32. CONTROL:

See Photogrammetric Plot Report PH-6303 Part II Northern Half dated December 3, 1970, and Part I Southern Half dated March 15, 1967.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are inapplicable. Drainage was compiled from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

Shoreline and alongshore detail has been compiled by office interpretation of the photographs.

36. OFFSHORE DETAILS:

Offshore details were compiled by office interpretation of the photographs. Only a portion of the mean lower low water line could be compiled from the 1965 "L" photography. This was in the northeast corner of this map.

37. LANDMARKS AND AIDS:

None.

38. CONTROL FOR FUTURE SURVEYS:

None.

T-12374

39. JUNCTIONS:

See Form 76-36B included with this report.

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

46. COMPARISON WITH EXISTING MAPS:

A comparison has been made with USGS quadrangle CRAIG (D-1), Alaska, scale 1:63,360, dated 1951.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with USC&GS Chart 8102, scale 1:229,376, dated December 20, 1965, Chart 8161, scale 1:80,000, dated April 11, 1966, and Chart 8124, scale 1:40,000, dated January 11, 1965,

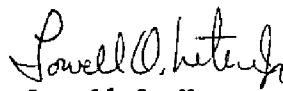
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

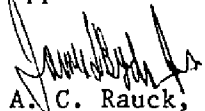
ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:


Lowell O. Neterer, Jr.
Cartographic Technician
January 22, 1971

Approved and forwarded:


A. C. Rauck, Jr.
Chief, Coastal Mapping Section

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6303 (Clarence Strait, Alaska)

T-12374

Cleveland Peninsula

Ernest Sound

Lemesurier Point

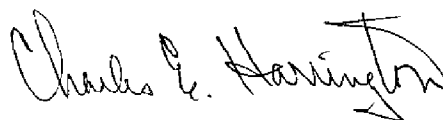
Magnetic Point

Union Bay

Union Point

Vixen Harbor

Approved:



Charles E. Harrington
Chief Geographer
Nautical Charting Division
Charting and Geodetic Services

FIELD EDIT REPORT

SHEET T-12374

CLARENCE STRAIT

(MAGNETIC POINT)

PH-6301 6 303

MAY 1971

NOAA SHIP PATHFINDER

CAPT. H.R. LIPPOLD JR., CMDG.

51 Methods

The field edit of this map was done in accordance with photogrammetric instructions and project instructions to the Commanding Officer, NOAA SHIP PATHFINDER, dated 19 January 1971. Steep shorelines made it possible to do all work from NW #6 and SB #5. Easy accessibility to the beach made frequent on shore inspection no problem. Sextant fixes were used to verify and locate objects that could not be seen or positively verified on the photographs.

All deletions, additions, verification and corrections to be applied to the manuscript appear on the Field Edit Ozalid. This ozalid is an index and inventory of all field edit work performed. All features marked in green on the ozalid are to be deleted. Red circles on the ozalid indicate the approximate location of the signals used in the field work. Cross references on the Field Edit Ozalid to the photographs are also a part of the compilation.

52 Adequacy of Compilation

Compilation of the manuscript was adequate and complete for all areas within the boundaries indicated on the Field Edit Ozalid.

54 Recommendations

None

56 Additional Information

Alaska Standard Time, time meridian 120°W, was used until 25 April. Alaska Daylight Time, time meridian 105°W, was used after that date.

All photogrammetric and ground survey signals used during the project are listed on a sheet attached to the Field Edit Ozalid and also included in this report. Signals used for field edit fixes are included in the list.

All fixes taken during the field edit are identified by number on the Field Edit Ozalid. A running tabulation of this data is supplied with the ozalid and is also part of this report.

Larry J. Oliver
L. J. Oliver
LTJG, NOAA
Photo Officer

Approved:

[Signature]
R. L. Lippold Jr.
CAPT, NOAA
Commanding Officer

REVIEW REPORT
SHORELINE

T-12374

61. GENERAL STATEMENT:

See Summary included with this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with U.S.G.S. Quadrangle: CRAIG (D-1), Alaska, dated 1951, scale 1:63,360.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with Hydrographic Surveys H-9191 and H-9287, both are 1:10,000 scale.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with NOS charts:

17385, 11th edition, dated August 11, 1984, scale 1:80,000,
17420, 23rd edition, dated March 16, 1985, scale 1:229,376, and
17423, 11th edition, dated January 3, 1981, scale 1:40,000.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with the Project Instructions and meets the requirements for National Standards of Map Accuracy.

Submitted by:

Lowell O. Neterer, Jr.
Lowell O. Neterer, Jr.
Final Reviewer
September 25, 1987

Approved for forwarding:

Billy H. Barnes

Billy H. Barnes
Chief, Quality Assurance Group, AMC

Approved:

Irving O. Rabon

Chief, Photogrammetric Production Sect.

G. Y. Bryson

Chief, Photogrammetry Branch
Rockville

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

[illegible]