

F12377

T-12377

NOAA FORM 76-35 (6-80)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. T-12377	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 MEYERS ISLAND	
1963 TO 1969	
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 colspan="2" style="text-align: center;">TYPE OF SURVEY</td> </tr> <tr> <td>☒ ORIGINAL</td> <td></td> </tr> <tr> <td>☐ RESURVEY</td> <td></td> </tr> <tr> <td>☐ REVISED</td> <td></td> </tr> </table>		TYPE OF SURVEY		☒ ORIGINAL		☐ RESURVEY		☐ REVISED									
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☐ RESURVEY																			
☐ REVISED																			
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, Atlantic Marine Center, Norfolk, VA		SURVEY TR <u>12377</u> MAP EDITION NO. (1) MAP CLASS Final JOB PH. <u>6303</u>																	
OFFICER-IN-CHARGE Jeffrey G. Carlen		<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 colspan="2" style="text-align: center;">TYPE OF SURVEY</td> </tr> <tr> <td>☐ ORIGINAL</td> <td></td> </tr> <tr> <td>☐ RESURVEY</td> <td></td> </tr> <tr> <td>☐ REVISED</td> <td></td> </tr> <tr> <td colspan="2">JOB PH. _____</td> </tr> <tr> <td colspan="2">MAP CLASS _____</td> </tr> <tr> <td colspan="2">SURVEY DATES: 19__ TO 19__</td> </tr> </table>		LAST PRECEDING MAP EDITION		TYPE OF SURVEY		☐ ORIGINAL		☐ RESURVEY		☐ REVISED		JOB PH. _____		MAP CLASS _____		SURVEY DATES: 19__ TO 19__	
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TYPE OF SURVEY																			
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☐ REVISED																			
JOB PH. _____																			
MAP CLASS _____																			
SURVEY DATES: 19__ TO 19__																			
I. INSTRUCTIONS DATED																			
1. OFFICE		2. FIELD																	
Aerotriangulation Jan. 9, 1967 Compilation March 20, 1967 Compilation Supplement 1 Nov. 6, 1970 Compilation Supplement 2 Nov. 23, 1970 Compilation Supplement 3 Nov. 5, 1971 Compilation Amendment 1 Dec. 7, 1971		Field Feb. 10, 1966																	
II. DATUMS																			
1. HORIZONTAL: ☒ 1927 NORTH AMERICAN		OTHER (Specify)																	
2. VERTICAL: ☒ MEAN HIGH-WATER ☐ MEAN LOW-WATER ☐ MEAN LOWER LOW-WATER ☐ MEAN SEA LEVEL		OTHER (Specify)																	
3. MAP PROJECTION Polyconic		4. GRID(S) STATE Alaska ZONE 1																	
5. SCALE 1:10,000		STATE ZONE																	
III. HISTORY OF OFFICE OPERATIONS																			
OPERATIONS		NAME	DATE																
1. AEROTRIANGULATION BY J. Perrow			March 1967																
METHOD: Stereoplanigraph LANDMARKS AND AIDS BY N/A																			
2. CONTROL AND BRIDGE POINTS PLOTTED BY A. Roundtree			Feb. 1967																
METHOD: Coradomat CHECKED BY R. Glaser			Feb. 1967																
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY C. Blood			July 1967																
COMPILATION CHECKED BY L. Graves			July 1967																
INSTRUMENT: Kelsh CONTOURS BY N/A																			
SCALE: 1:6,000 CHECKED BY N/A																			
4. MANUSCRIPT DELINEATION PLANIMETRY BY F. Margiotta			July 1967																
CHECKED BY C. Bishop			July 1967																
METHOD: Smooth Drafted CONTOURS BY N/A																			
CHECKED BY N/A																			
SCALE: 1:10,000 HYDRO SUPPORT DATA BY F. Margiotta			July 1967																
CHECKED BY C. Bishop			July 1967																
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY C. Bishop			July 1967																
6. APPLICATION OF FIELD EDIT DATA BY R. Pate			Oct. 1970																
CHECKED BY C. Blood			May 1972																
7. COMPILATION SECTION REVIEW BY C. Blood			May 1972																
8. FINAL REVIEW BY L. O. Neterer, Jr.			Oct. 1987																
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY L. O. Neterer, Jr.																			
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY P. Dempsey			Jun 1981																
11. MAP REGISTERED - COASTAL SURVEY SECTION BY <i>[Signature]</i>			July 1989																

T-12377
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild R.C. 8 "W"		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR X (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE	
TIDE STAGE REFERENCE ☒ PREDICTED TIDES ☐ REFERENCE STATION RECORDS ☐ TIDE CONTROLLED PHOTOGRAPHY				ZONE Pacific MERIDIAN 120th	☒ STANDARD ☐ DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
No photo centers fall within map limits 63 W 7249 & 7250	July 7, 1963	10:24	1:30,000	11.3 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:

None compiled.

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	EAST	SOUTH	WEST
T-12373	T-12378	No Survey	No Survey

REMARKS

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

T-12377

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	R. Melby	Apr. 1966
RECOVERED BY		
ESTABLISHED BY		
PRE-MARKED OR IDENTIFIED BY	R. Melby	Apr. 1966
3. VERTICAL CONTROL	N/A	
RECOVERED BY	N/A	
ESTABLISHED BY	N/A	
PRE-MARKED OR IDENTIFIED BY	N/A	
4. LANDMARKS AND AIDS TO NAVIGATION	None	
RECOVERED (Triangulation Stations) BY	None	
LOCATED (Field Methods) BY	None	
IDENTIFIED BY	None	
5. GEOGRAPHIC NAMES INVESTIGATION		
TYPE OF INVESTIGATION		
☐ COMPLETE		
☐ SPECIFIC NAMES ONLY		
☒ NO INVESTIGATION		
6. PHOTO INSPECTION	None	
CLARIFICATION OF DETAILS BY		
7. BOUNDARIES AND LIMITS	N/A	
SURVEYED OR IDENTIFIED BY		

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
Photoidentified		N/A	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
63 W 7248	LIL, 1922		

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)

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HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION

☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J. Watkins	Oct. 1969
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	N/A N/A N/A
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	None None None
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION BY	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	None
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N/A

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
None		N/A	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

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)

1 - Field Edit Ozalid
1 - Field Edit Report

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit	July 1967	Class III	July 21, 1967	July 30, 1968
Field edit applied compilation complete	Oct. 1970	Class I	None	June 9, 1975
Final Review	Oct. 1987	Final Field Edited Map	June 1988	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
			One charted aid, no 76-40 form submitted by field party to photogrammetric office.

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____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 76-40 ~~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:

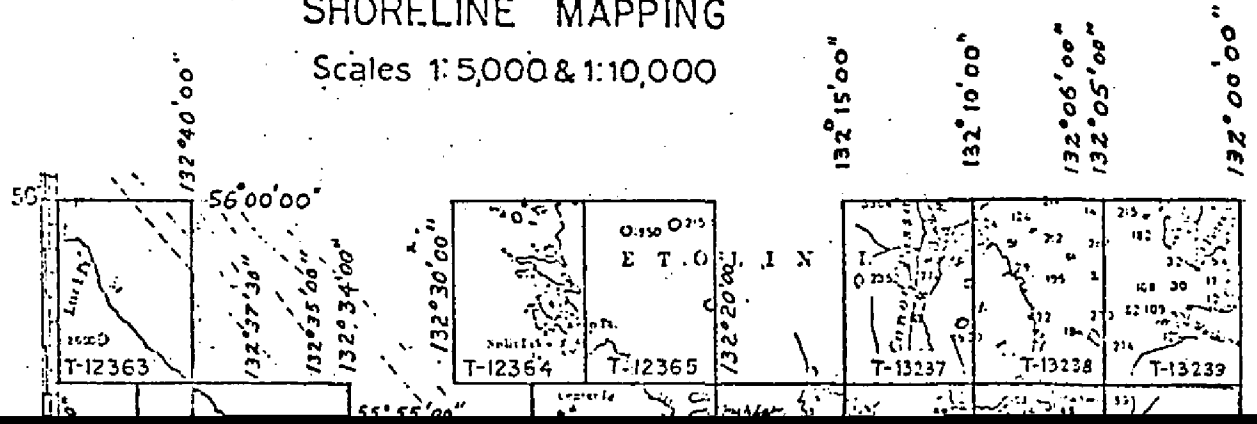
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

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 ☐ REVISED ☐ RESURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL	

JOB PH-6303
CLARENCE STRAIT
ALASKA
SHORELINE MAPPING
Scales 1:5,000 & 1:10,000

REVISED 9/23/76 RWW
REVISED 10/1/86 D.B.
T-13240 CANCELED
REVISED 12/11/86 JDM
T-13381 CANCELED (1976)



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

T-12377

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 1:30,000 scale using black and white panchromatic film.

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 in March 1967.

Compilation was performed at the Atlantic Marine Center during July 1967.

Field edit was accomplished in October 1969.

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

Final review was completed at the Atlantic Marine Center during October 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 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.

chiefly spruce, hemlock and cedar.

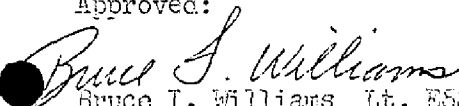
Horizontal control consisted of the photo-identification of the required triangulation stations. New station were established by triangulation or traverse utilizing the electronic distance measuring instruments (Fairchild MC-8 Electrochains).

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

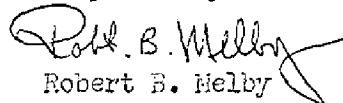
life that reflects a white tone. This will appear as a white band paralleling the shoreline. This is followed by a dark, nearly black color tone. This area receives only occasional wave action during storms. This appears on the photography as a dark band adjacent to and next in elevation above the white 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 Lt. ESSA

C.O. Ship PATTON

Respectfully submitted


Robert B. Melby

Surveying Technician, C & CS

PHOTOGRAMMETRIC PLOT REPORT

Job PH-6303

Clarence Strait, Alaska

Part I - Southern Half

March 15, 1967

21. Area Covered

The area covered in this report is along both the east and west shoreline of Clarence Strait, Alaska. Included are all, or part, of T-sheets 12372 thru 12387, at 1:10,000 scale.

22. Method

Five strips were bridged on the stereoplanigraph and adjusted by the IBM 1620 methods. Strip #1 (63-W-7205 thru 7211) was adjusted on three control stations with tie points from Strip #2 as checks. Strip #2 (63-W-7223 thru 7233) was adjusted on four control stations using tie points from Strip #1 and #3 as checks. Strip #3 (63-W-7240 thru 7250), was adjusted on four control stations with tie points from Strip #2 as checks. Strip #5 (63-W-7262 thru 7271) was adjusted on four control stations with tie points from Strip #6 as checks. Strip #6 (63-W-7275 thru 7285) was adjusted on four control stations with tie points from Strip #6 as checks.

All plates were drilled on the PUG. All tie points between strips were averaged.

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) MAN 2, HUB A (temp.) 1930, SS "A", SS "B", SS "C"

None of the three substations could be held in either Strip #1 or #2. Since the field report stated, "instrument #307 giving erratic readings," plus the fact that two positions could be computed for any of the substations (depending on which azimuth station was used) the entire station was dropped from both strips.

(2) JAY 1924, SS "C" Strip #2)

This substation could not be seen clearly in Strip #1 due to overhang. It was held in Strip #2, but was dropped from Strip #1.

(3) NIBLACK 1915, SS "A" (Strip #2)

This substation could not be seen clearly. Since SS "B" and SS "C" held together in the bridge, SS "A" was dropped from the strip.

(4) LEM 1916, SS "B" (Strip #3)

This substation was of very poor quality and was dropped from the bridge. Substation "A" and SS "C" held in the bridge.

(5) THOR 1966, SS "B" (Strip #5)

This substation was of very poor image point and could not be held in the bridge.

(6) JERK 1966, SS "B" (Strip #5)

This substation was of very poor image quality and was dropped from the bridge.

(7) NAR 1915, SS "B" (Strip #6)

This substation was of poor image quality and was dropped from the bridge.

In general, the photo quality of most of the substations was very poor. It is realized that the field was working in a very difficult area and fortunately provided three substations for most control stations. For this reason the above were dropped from the bridge with no fear of detracting from the overall accuracy.

25. Photography

Photography was adequate as to coverage, overlap and definition.

Submitted by:

Paul Hawkins
Paul Hawkins

Approved by:

John D. Perrow, Jr.
John D. Perrow, Jr.

DESCRIPTIVE REPORT CONTROL RECORD

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

MAP NO.	JOB NO.	GEODETIC DATUM	COORDINATES IN FEET STATE ZONE	NA 1927	ORIGINATING ACTIVITY	REMARKS
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	STATE ZONE	NA 1927	Division, Norfolk, Va.	FORWARD BACK
LIL, 1922 ✓	G.P. VOL 3 Pg. 987 ✓		X=	φ 55° 43' 48.640 ✓		1504.3 ✓ (351.3)
			Y=	λ 132° 15' 20.518 ✓		358.1 ✓ (689.1)
			X=	φ		
			Y=	λ		
			X=	φ		
			Y=	λ		
			X=	φ		
			Y=	λ		
			X=	φ		
			Y=	λ		
			X=	φ		
			Y=	λ		
			X=	φ		
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			Y=	λ		
			X=	φ		
			Y=	λ		
			X=	φ		
			Y=	λ		
			X=	φ		
			Y=	λ		
COMPUTED BY A. C. Rauck, Jr.		DATE 4/14/67	COMPUTATION CHECKED BY C. H. Bishop			DATE 4/14/67
LISTED BY		DATE	LISTING CHECKED BY			DATE
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY			DATE

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

COMPILATION REPORT

T-12377

31. DELINEATION:

Delineation of the mean high water line was done with the KELSH plotter without the aid of field inspection, using 1:30,000 scale photography. The photography was adequate.

32. CONTROL:

See Photogrammetric Plot Report dated March 15, 1967.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are inapplicable. No drainage was delineated on this map.

35. SHORELINE AND ALONGSHORE DETAILS:

The mean high water line and cultural features (cabins and piers) were delineated from office interpretation of the photographs.

36. OFFSHORE DETAILS:

Shallow limits, ledge limits, and rocks were delineated from office interpretation of the photographs taken at approximately half tide.

37. LANDMARKS AND AIDS:

Meyers Chuck Light (Latitude 55° 44.5', Longitude 132° 15.7') was not located photogrammetrically; it was not identifiable on the photographs.

No field position was submitted to the photogrammetric office by the hydrographic field party.

38. CONTROL FOR FUTURE SURVEYS:

None.

T-12377

39. JUNCTIONS:

See Form 76-36B, item 5 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 (C-1), Alaska, scale 1:63,360, dated 1951.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with Chart 8124, scale 1:40,000, 6th edition, dated January 11, 1965.

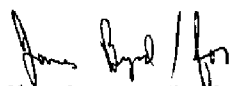
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

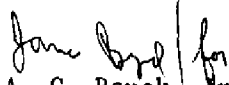
ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:


Charles H. Bishop
Cartographer
July 21, 1967

Approved and forwarded:


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

OCT 23 1986
15

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6303 (Clarence Strait, Alaska)

T-12377

Clarence Strait

Cleveland Peninsula

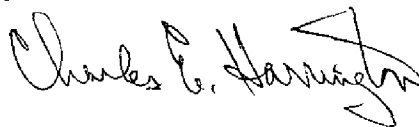
Meyers Chuck (locality)

Meyers Chuck

Meyers Island

Misery Island

Approved:



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

FIELD EDIT REPORT

Map T-12377

Clarence strait

Meyers Island

Field edit of map T-12377 was accomplished during October 1969. Inspection was done from a launch in conjunction with hydrography. Only the area south of latitude $55^{\circ} 44' 00''$ N was inspected.

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 the field photographs and ozalid.

All notes are in violet pencil on the ozalid. All times are based on meridian 120W.

ADEQUACY OF THE COMPILATION

Compilation in the area inspected was good. Position and limits of rocks, ledges, and the MHWL were accurate.

The majority of the manuscript was outside the OPR-465 operating area and therefore, was not inspected.

RECOMMENDATIONS

It is recommended that this edit data be combined with that to be produced during future surveys in the Meyer's Chuck area and used to revise the map to make an advance manuscript.

Respectfully Submitted,

Allan F. Divis

Allan F. Divis
ENS, USESSA

REVIEW REPORT
SHORELINE

T-12377

61. GENERAL STATEMENT:

See Summary included with this Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

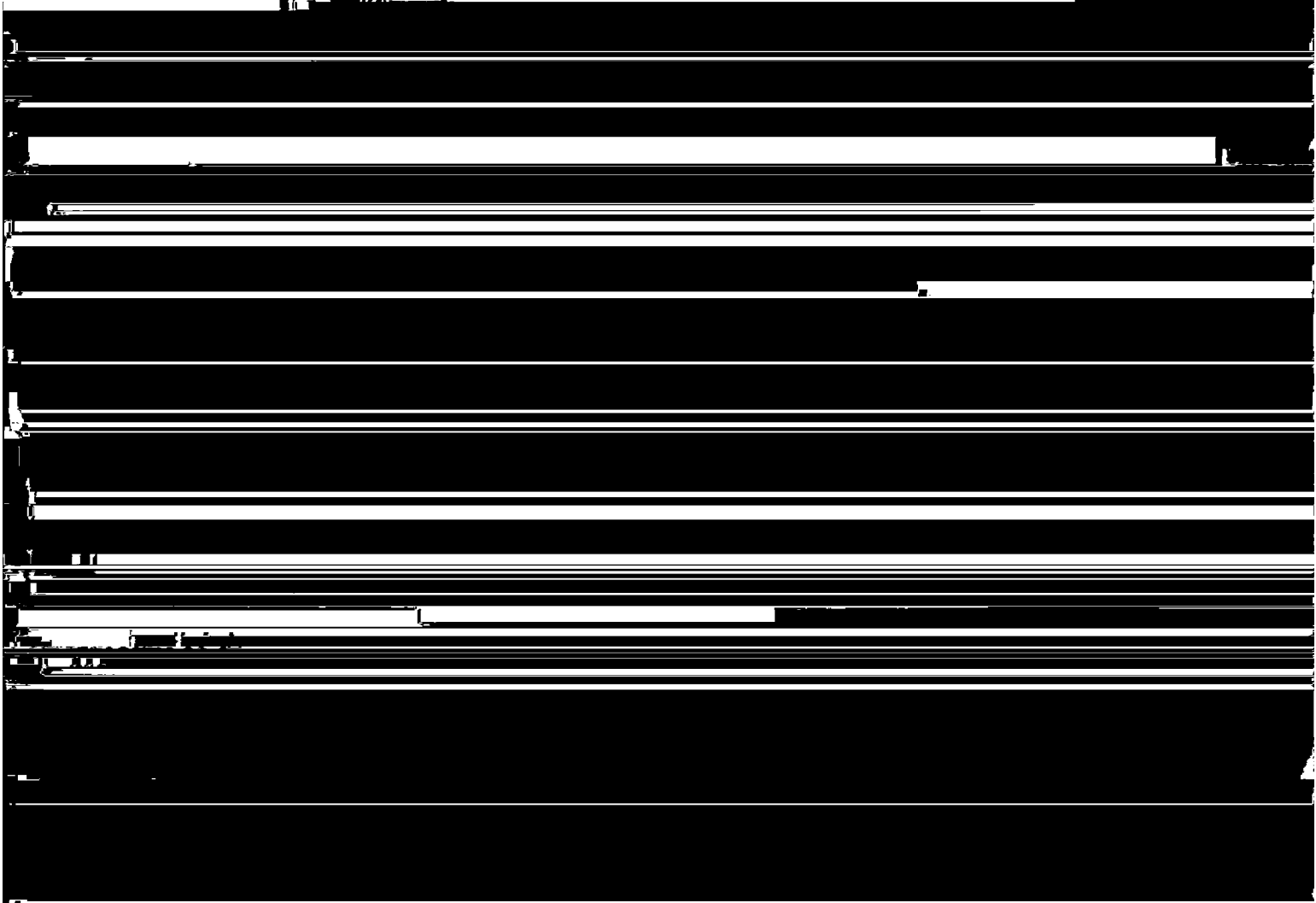
Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

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

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with Hydrographic Survey H-9191, 1:10,000 scale and H-9092 1:20,000 scale.



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]