

T-12380

T-12380

NOAA FORM 76-35 (6-80)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. T-12380	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 TOLSTOI BAY	
19 <sub>63</sub> TO 19 <sub>69</sub>	
REGISTERED IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
<b>DESCRIPTIVE REPORT - DATA RECORD</b>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Atlantic Marine Center, Norfolk, VA OFFICER-IN-CHARGE Jeffrey G. Carlen		SURVEY <del>NO</del> T-12380 MAP EDITION NO. (1) MAP CLASS Final JOB PH. 6303	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Atlantic Marine Center, Norfolk, VA OFFICER-IN-CHARGE Jeffrey G. Carlen		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__	
<b>I. INSTRUCTIONS DATED</b>			
<b>1. OFFICE</b>		<b>2. FIELD</b>	
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	
<b>II. DATUMS</b>			
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 type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION Polyconic		4. GRID(S) STATE Alaska ZONE 1	
5. SCALE 1:10,000		STATE ZONE	
<b>III. HISTORY OF OFFICE OPERATIONS</b>			
<b>OPERATIONS</b>		<b>NAME</b>	
1. AEROTRIANGULATION BY P. Hawkins METHOD: Stereoplanigraph LANDMARKS AND AIDS BY		Mar. 1967	
2. CONTROL AND BRIDGE POINTS PLOTTED BY A. Roundtree METHOD: Coradomat CHECKED BY R. Glaser		Feb. 1967 Feb. 1967	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY D. Johnston COMPILATION CHECKED BY L. Graves		June 1967 June 1967	
INSTRUMENT: Kelsh and graphic SCALE: 1:6,000		N/A N/A	
4. MANUSCRIPT DELINEATION PLANIMETRY BY R. White CHECKED BY A. Shands		June 1967 June 1967	
METHOD: Smooth Drafted SCALE: 1:10,000		N/A N/A	
HYDRO SUPPORT DATA BY R. White CHECKED BY B. Wilson		June 1967 June 1967	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY B. Wilson		June 1967	
6. APPLICATION OF FIELD EDIT DATA BY B. Wilson		Nov. 1970	
CHECKED BY L. Neterer, Jr.		Nov. 1970	
7. COMPILATION SECTION REVIEW BY L. Neterer, Jr.		Nov. 1970	
8. FINAL REVIEW BY L. O. Neterer, Jr.		Nov. 1987	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY L. O. Neterer, Jr.		Jan. 1988	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY P. Dempsey		Jan. 1988	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY J. Wilson		July 1988	

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## COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) <u>Wild R.C.-8 "W"</u>		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR X (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				ZONE <u>Pacific</u> MERIDIAN <u>120th</u>	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
63 W 7265 thru 7267	July 2, 1963	10:40	1:30,000	11.4 ft. above MLLW	
63 W 7274 thru 7278	July 2, 1963	10:45	1:30,000	11.4 ft. above MLLW	
63 W 7657 thru 7661	July 2, 1963	15:40	1:15,000	4.6 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-12376	T-12381	T-12380 (A) *Blueprint	T-12379

## REMARKS

\*This blueprint lies within the limits of T-10686 (PH-148), it was compiled to complete Tolstoi Bay for the Hydrographer.

T-12380

## HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	B. Williams	May, 1966
2. HORIZONTAL CONTROL	RECOVERED BY L. Riggers	May, 1966
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY L. Riggers	May, 1966
3. VERTICAL CONTROL	RECOVERED BY N/A	
	ESTABLISHED BY N/A	
	PRE-MARKED OR IDENTIFIED BY N/A	
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 N/A	

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
Photo identified		N/A	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
63 W 7275	JERK, 1966		
63 W 7278	KINK, 1966		

## 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 ☒ 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)

4 - forms 152

## HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Moses	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 <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION		
6. PHOTO INSPECTION CLARIFICATION OF DETAILS BY	G. Endrud	Oct., 1969
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)

63 W 7277, 7278, 7656 thru 7661, 63 W 7275

## 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)

4 - Field Edit Ozalids and 1 - Field Edit Report.

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## 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	June 1967	Class III Manuscript	June 30, 1967	July 30, 1968
Field edit applied compilation complete	Nov. 1970	Class I Manuscript	Sept. 14, 1973	Aug. 19, 1971
Final Review	Nov. 1987	Final Field Edited Map	June 1988	

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: None3. ☐ 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	

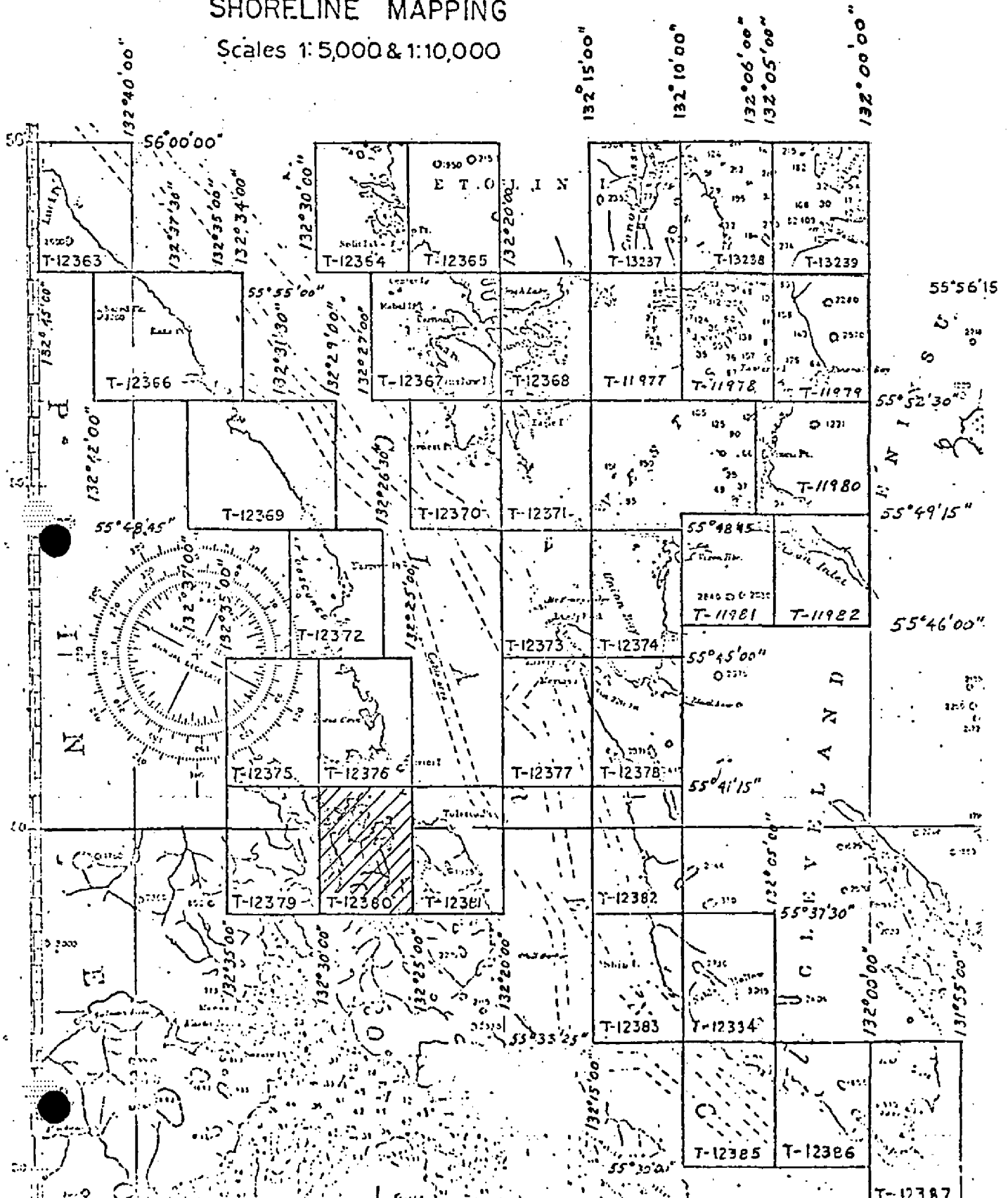
JOB PH-6303

# CLARENCE STRAIT ALASKA

## SHORELINE MAPPING

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

REVISED 9/23/76 RWW  
REVISED 8/7/86 D.B.  
T-13240 CANCELED  
REVISED 12/11/86 JDM  
T-13381 CANCELED (1976)



SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT

T-12380

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  $55^{\circ} 28' 45''$  north to latitude  $56^{\circ} 00' 00''$  and longitude  $131^{\circ} 55' 00''$  west to longitude  $132^{\circ} 45' 00''$ .

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 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 June 1967.

Field edit was accomplished during September 1969.

Application of field edit was completed in November 1970 advancing this map to Class I status.

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

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# 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.

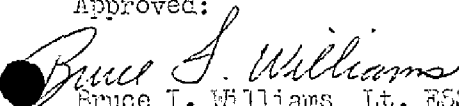
Horizontal control consisted of the photo-identification of the required triangulation stations. New stations were established by triangulation or traverse utilizing the electronic distance measuring instruments (Fairchild MC-8 Electrochains).

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

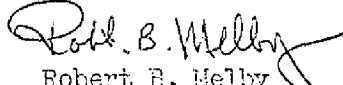
life that reflects a white tone. This will appear as a white band paralleling the shoreline. This is followed by a dark, nearly black color tone. This area receives only occasional wave action during storms. This appears on the photography as a dark band adjacent to and next in elevation above the white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

C.O. Ship PATTON

Respectfully submitted

  
Robert B. Melby

Surveying Technician, C & GS

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

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETTIC DATUM		GEOGRAPHIC POSITION		ORIGINATING ACTIVITY	REMARKS	
					COORDINATES IN FEET STATE Alaska ZONE 1	N.A. 1927	$\phi$ LATITUDE $\lambda$ LONGITUDE	Coastal Mapping Division			
T-12380	PH-6303	JERK, 1966	G.P. Vol. III Pg. 1041		X=		$\phi$ 55° 37' 32.91312"				
					Y=		$\lambda$ 132° 26' 41.87725"				
		SLIP, 1966	G.P. Vol. III Pg. 1041		X=		$\phi$ 55° 39' 49.96952"				
					Y=		$\lambda$ 132° 29' 29.69951"				
		KINK, 1966	G.P. Vol. III Pg. 1041		X=		$\phi$ 55° 40' 49.57982"				
					Y=		$\lambda$ 132° 28' 01.25412"				
					X=		$\phi$				
					Y=		$\lambda$				
					X=		$\phi$				
					Y=		$\lambda$				
					X=		$\phi$				
					Y=		$\lambda$				
					X=		$\phi$				
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					Y=		$\lambda$				
					X=		$\phi$				
					Y=		$\lambda$				
					X=		$\phi$				
					Y=		$\lambda$				
COMPUTED BY	A. C. Rauck, Jr.				DATE	12/18/70	COMPUTATION CHECKED BY			DATE	7/30/71
LISTED BY					DATE		LISTING CHECKED BY			DATE	
HAND PLOTTING BY					DATE		HAND PLOTTING CHECKED BY			DATE	

## COMPILATION REPORT

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### 31. DELINEATION:

The mean high water line was delineated on the KELSH plotter, using the 1:30,000 scale photography. The foreshore details were delineated graphically using the 1:15,000 scale photographs which are at approximately half tide and of good definition.

### 32. CONTROL:

See Photogrammetric Plot Report, Part I, Southern Half dated March 15, 1967.

### 33. SUPPLEMENTAL DATA:

None.

### 34. CONTOURS AND DRAINAGE:

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

### 35. SHORELINE AND ALONGSHORE DETAILS:

The shoreline and alongshore details were compiled from office interpretation of the photographs.

### 36. OFFSHORE DETAILS:

Offshore details were compiled from office interpretation of the photographs.

### 37. LANDMARKS AND AIDS:

None.

### 38. CONTROL FOR FUTURE SURVEYS:

None.

### 39. JUNCTIONS:

See Form 76-36B, item 5, included with this Report.

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40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

46. COMPARISON WITH EXISTING MAPS:

A comparison has been made with USGS quadrangle CRAIG (C-2), Alaska, scale 1:63,360, dated 1949.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with Chart 8102, scale 1:229,376, 8th edition, dated 1965 and Chart 8124, scale 1:40,000, 6th edition dated 1965, but with the portion concerned dated 1855 to 1922.

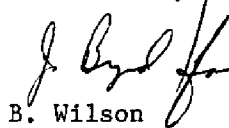
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

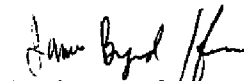
None.

Submitted by:



B. Wilson  
Cartographic Technician  
November 10, 1970

Approved and forwarded:



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

OCT 23 1986

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6303 (Clarence Strait, Alaska)

T-12380

Clarence Strait

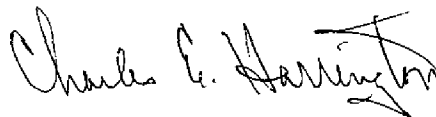
Kasaan Peninsula

Thorne Bay

Thorne Head

Tolstoi Bay

Approved:



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



# FIELD EDIT REPORT

Map T-12380

Thorne Bay - Tolstoi Bay

Alaska

October 1969

Field edit of map T-12380 was done by LTJG Glenn Endrud, LTJG Gordon Tornberg, LTJG Bruce Fisher, ENS Warren Taguchi, and ENS Don Suloff during October 1969. Inspection was done from a small boat and on foot, when fixes on land were required.

## 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 beach area and the ozalid in the field, and by estimated distances of the MHWL from photo-identifiable objects. Isolated rocks and reefs were located by sextant fixes and plotted on boat sheets DA-10-6-69 and DA-10-7-69 and then compared with the photogrammetric position. Ledge limits were compared with those on the ozalid and extended on the field photographs where necessary. Notes of the heights of rocks, reefs, and ledges have been made on the field photographs. Kelp limits and instances where kelp has been interpreted as rocks have been noted on the field photographs.

Notes have been made in violet on the field photographs and have been cross-referenced on the Field Edit Ozalid by photograph number. All times are based on 105°W meridian. Notes are on the following photographs:

63W7277	63W7658
63W7278	63W7659
63W7656	63W7660
63W7657	63W7661

One office photo was also used for the edit since the associated field photo was not transmitted: 63W7275.

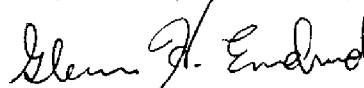
#### ADEQUACY OF COMPILATION

The island at  $55^{\circ}39.9'N$ ,  $132^{\circ}29.1'W$  needs to be recompiled; comparison with photo 63W7660 easily reveals the error. Except for this instance, compilation of the map is good (even in the area north of latitude  $55^{\circ}40'N$  which does not agree with the chart). Hydrographic location of features compares well to photogrammetric location. Since not all features on photos 63W7277 and 63W7278 showed clearly because of the tide level, additional items that should be included on the map are pointed out on these photographs. Compilation of that remaining area covered by office photo 63W7275 was good; no field notes were added or needed on that photo. Field inspection of this map is complete.

#### RECOMMENDATIONS

It is recommended that, with the above mentioned recompile, this map be revised in accordance with the notes on the photographs and accepted as an advance manuscript.

Respectfully submitted,



Glenn H. Endrud  
LTJG, USESSA

## FIELD EDIT REPORT

Map T-12380 Supplement

Tolstoi Bay

Alaska

October 1969

Field edit of map T-12380 Supplement was done by LTJG Glenn Endrud and LTJG Bruch Fisher, during October 1969. Inspection was done from a small boat and on foot, when fixes on land were required.

### 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 beach area and the ozalid in the field, and by estimated distances of the MHWL from photo-identifiable objects. Isolated rocks and reefs were located by sextant fixes and plotted on boat sheet DA-10-7-69 and then compared with the photogrammetric position. Ledge limits were compared with those on the ozalid and extended on the field photograph and map where necessary. Notes of the heights of rocks, reefs, and ledges have been made on the field photographs.

Notes have been made in violet on the field photograph and have been cross-referenced on the Field Edit Ozalid by the photograph number. All times are based on 105°W meridian. Notes are on the field photograph 63W7274. Office photograph 63W7275 was also used for reconnaissance in the area but no notes on it were necessary.

### ADEQUACY OF COMPILATION

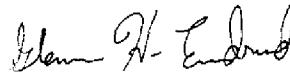
Since not all features on the photograph showed clearly because of the tide level, additional <sup>items</sup> ~~items~~ to be included on the map and revisions to the MHWL are shown on the photograph. Compilation of the map is good. Hydrographic location of features compares well to photogrammetric location.

Field inspection of this map is complete.

RECOMMENDATIONS

It is recommended that the map be revised in accordance with the notes on the photograph and that the map be accepted as an advance manuscript.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Glenn H. Endrud".

Glenn H. Endrud  
LTJG, USESSA

REVIEW REPORT  
SHORELINE

T-12380

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 (C-2), Alaska, scale 1:63,360, dated 1949, minor revisions 1962.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with Hydrographic Surveys H-9084, scale 1:10,000 and H-9085, scale 1:10,000.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with the following N.O.S. charts:

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

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  
November 30, 1987

Approved for forwarding:

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