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

1963 TO 1971

REGISTERED IN ARCHIVES

DATE

* U.S. GOVERNMENT PRINTING OFFICE 1980-665-115

NOAA FORM 76-36A (3-72) U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY: [X] ORIGINAL [ ] RESURVEY [ ] REVISED

SURVEY TP- 12374

MAP EDITION NO. (1)

MAP CLASS Final

JOB PH- 6303

PHOTOGRAMMETRIC OFFICE
Coastal Mapping Division
AMC, Norfolk, VA

OFFICER-IN-CHARGE
Jeffrey G. Carlen

LAST PRECEEDING MAP EDITION

TYPE OF SURVEY: [ ] ORIGINAL [ ] RESURVEY [ ] REVISED

JOB PH- ____

MAP CLASS ____

SURVEY DATES: 19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE		2. FIELD	
Aerotriangulation	Jan 9, 1967	Control	Feb 10, 1966
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		

II. DATUMS

1. HORIZONTAL: [X] 1927 NORTH AMERICAN — OTHER (Specify)

2. VERTICAL: [X] MEAN HIGH-WATER [ ] MEAN LOW-WATER [X] 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 METHOD: stereoplanigraph — BY / LANDMARKS AND AIDS BY	P. Hawkins - J. Perrow	Mar 67-Dec 7C
2. CONTROL AND BRIDGE POINTS METHOD: coradomat — PLOTTED BY / CHECKED BY	A. Bethea / A. Bethea	Aug 1968 / Aug 1968

[redacted]

3. STEREOSCOPIC INSTRUMENT — PLANIMETRY BY: L. Neterer, Jr. — Jan 1971

[redacted]

INSTRUMENT: Wild B-8 & graphically — CONTOURS BY: NA

NOAA FORM 76-36B
(3-72)

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

T-12374

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S): Wild RC-8 "W" & "L"

TIDE STAGE REFERENCE
- [X] PREDICTED TIDES
- [ ] REFERENCE STATION RECORDS
- [ ] TIDE CONTROLLED PHOTOGRAPHY

TYPES OF PHOTOGRAPHY LEGEND
- (C) COLOR
- X(P) PANCHROMATIC
- (I) INFRARED

TIME REFERENCE
ZONE: Pacific [X] STANDARD
MERIDIAN: 120th [ ] 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	EAST	SOUTH	WEST
No survey	T-11981	T-12378	T-12373

REMARKS

*U.S. GOVERNMENT PRINTING OFFICE:1977-765-092

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. [X] 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: [ ] COMPLETE [ ] SPECIFIC NAMES ONLY [X] NO INVESTIGATION — BY		
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 [X] NONE

6. BOUNDARY AND LIMITS: [ ] REPORT [X] 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

☆ U.S. GPO: 1977-765-092/1105 Region 6

NOAA FORM 76-36C
(3-72)

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

T-12374

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION ☒ FIELD EDIT OPERATION

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		H. R. Lippold	Mar 1971
2. HORIZONTAL CONTROL	RECOVERED BY	None	
	ESTABLISHED BY	None	
	PRE-MARKED OR IDENTIFIED BY	None	
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 ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION	BY	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	L. Oliver	May 1971
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED
None

2. 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 ☒ 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)*

Field edit ozalid Field edit report

NOAA FORM 76-36C
(3-72)

*U.S. GOVERNMENT PRINTING OFFICE:1977-765-092

NOAA FORM 76-36D
(3-72)

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

T-12374

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	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)*

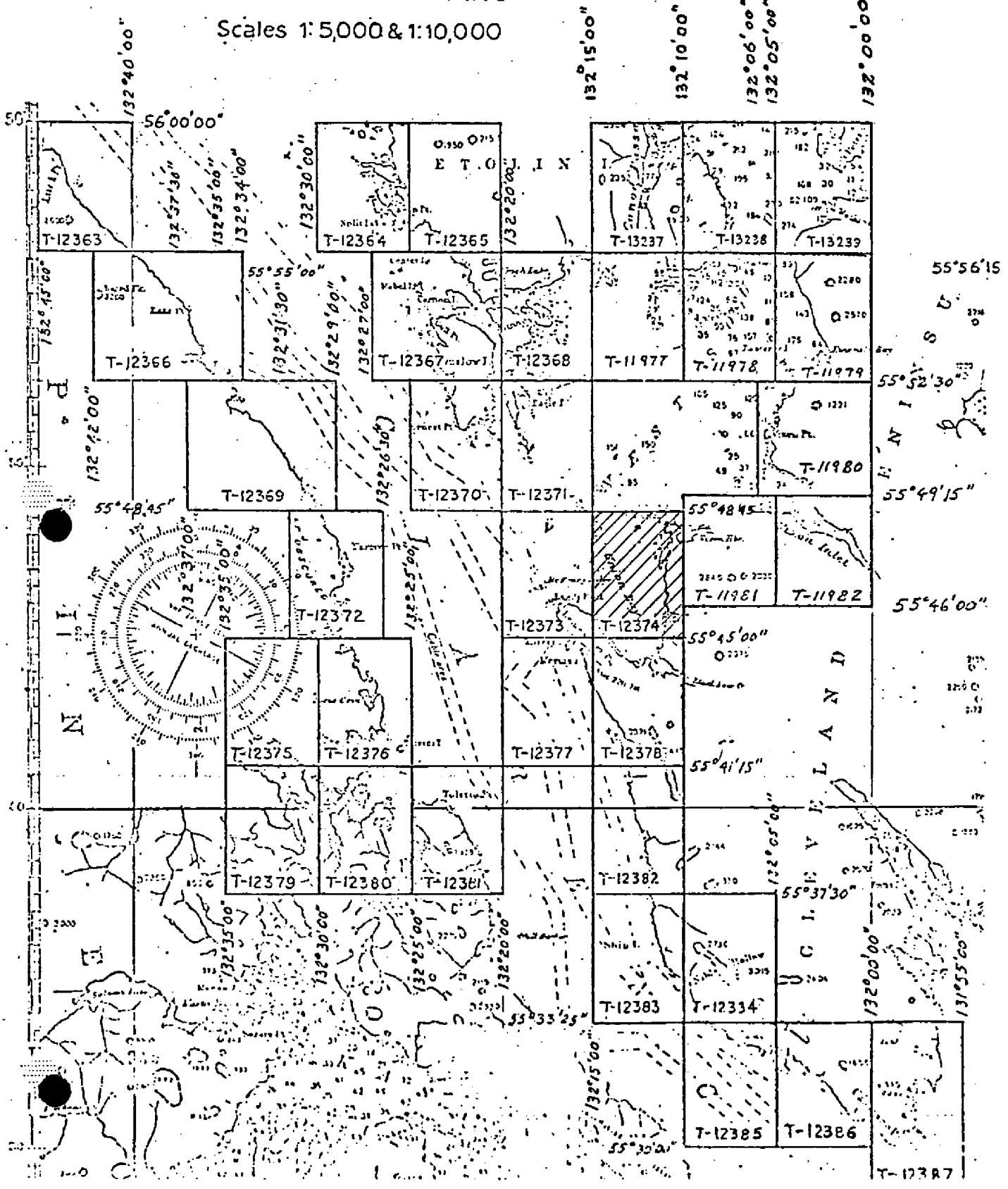
	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY
SECOND EDITION	TP - _____ (2)	PH - _____	☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH. _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL

☆ U.S. GPO: 1977-765-092/1106 Region 6

JOB PH-6303

CLARENCE STRAIT
ALASKA
SHORELINE MAPPING
Scales 1:5,000 & 1:10,000

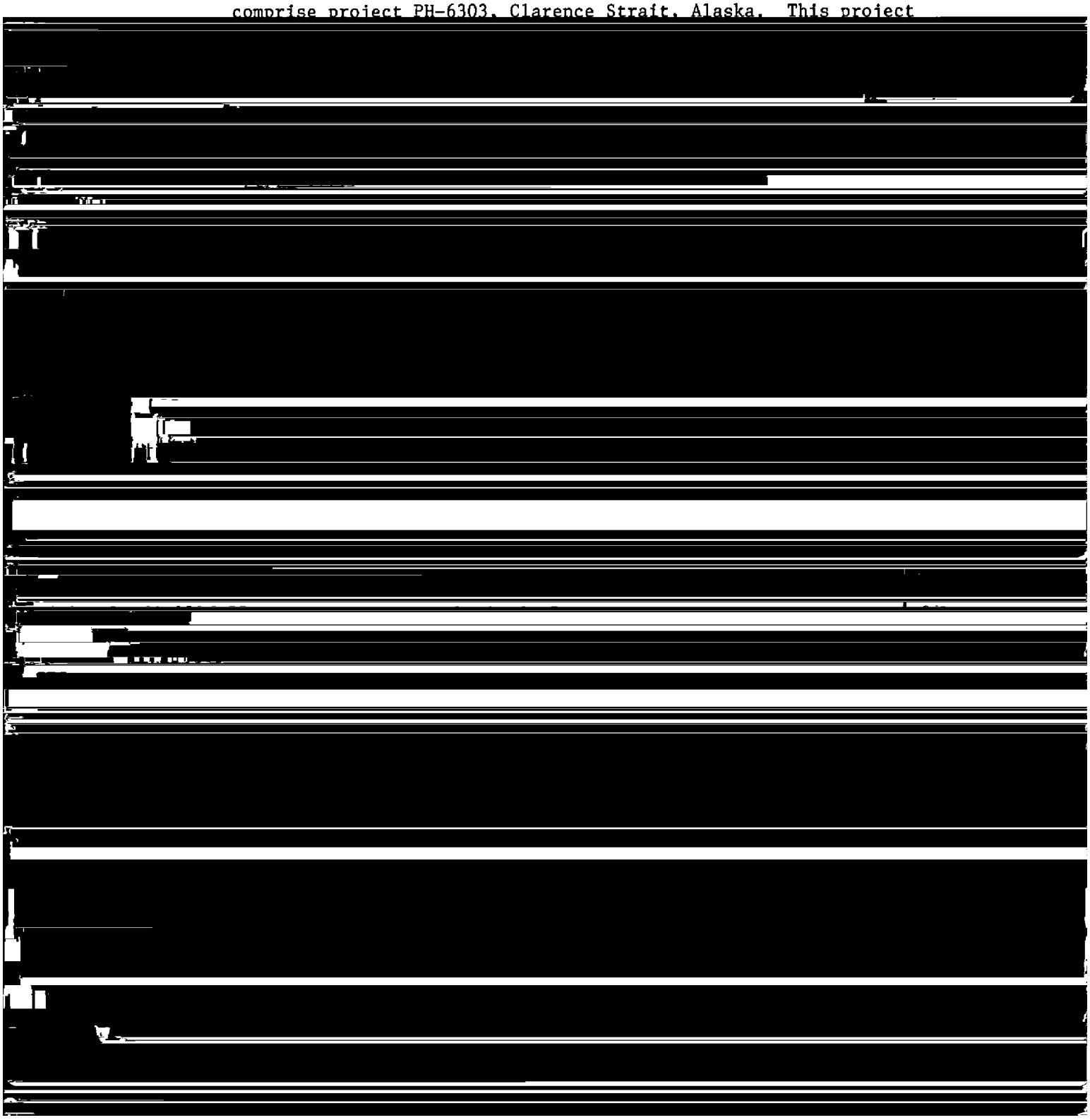
REVISED 9/23/76 RWW
REVISED 10/7/86 D.B.
T-13240 CANCELED
REVISED 12/11/86 JDM
T-13381 CANCELED (1976)



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



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 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 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 similiar 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

Robt. 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-13[illegible] or any of T-13240.
Points on T-12[illegible] and 12[illegible] [illegible]
in Strip 8.

PROJECT PH-6303

SHORELINE MAPPING

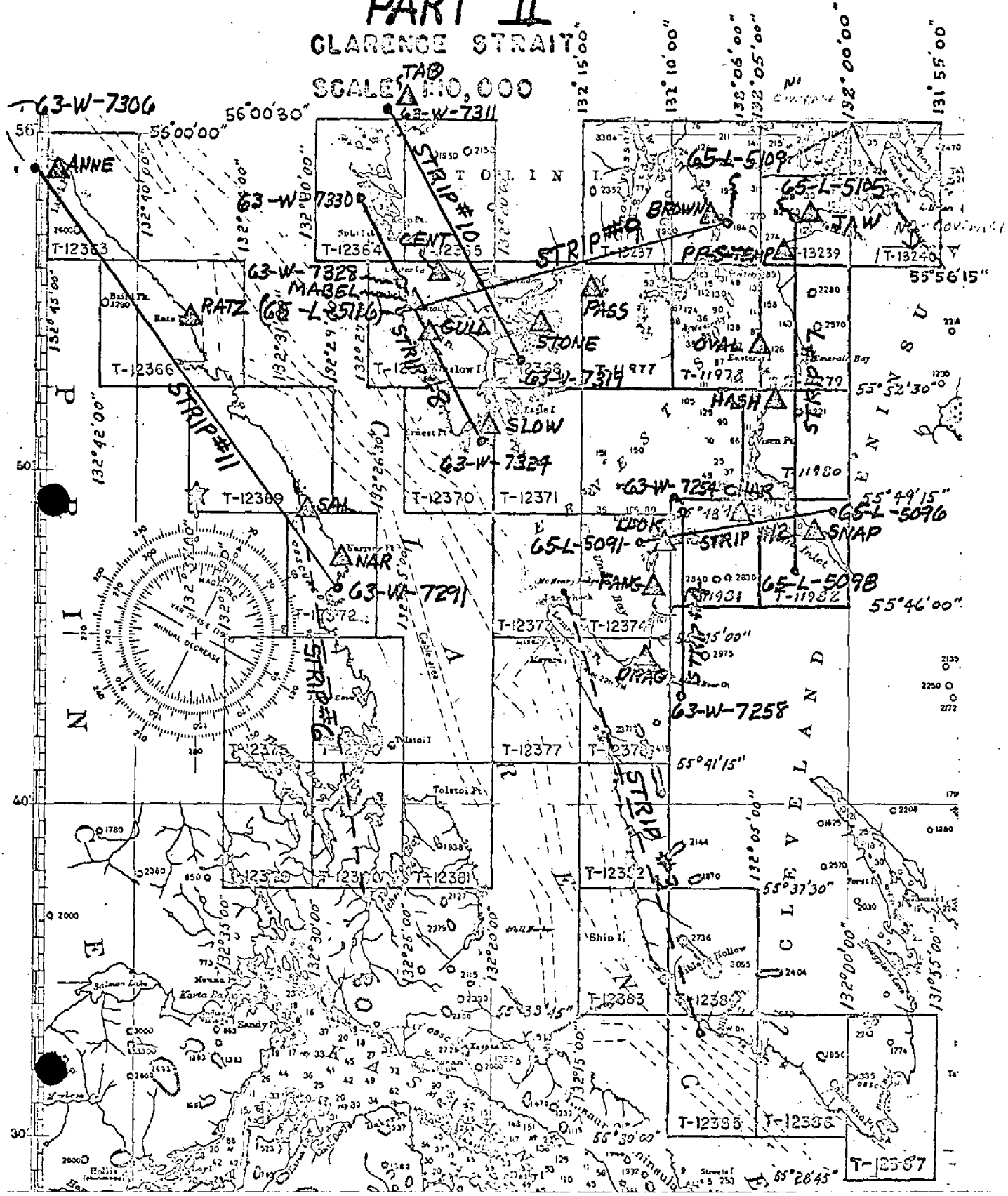
NOV. 1970

ALASKA

PART II

CLARENCE STRAIT

SCALE 1:10,000



NOAA FORM 76-41
(6-75)

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

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY
T-12374	PH-6303	NA 1927	Coastal Mapping Division, Norfolk, Va.

STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET STATE Alaska ZONE 1	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	REMARKS FORWARD	REMARKS BACK
UNION, 1916	55132 pg. 25		x=	φ 55 48 11.150	344.8	(1510.9)
			y=	λ 132 11 03.941	68.7	(976.5)
LOOK, 1916	55132 pg. 14		x=	φ 55 47 30.085	930.5	(925.2)
			y=	λ 132 11 17.913	312.2	(733.3)
FANG, 1966	G.P.Vol III pg. 1041		x=	φ 55 45 44.42390	1373.9	(481.7)
			y=	λ 132 10 59.06634	1030.0	(16.3)
			x=	φ		
			y=	λ		
			x=	φ		
			y=	λ		
			x=	φ		
			y=	λ		
			x=	φ		
			y=	λ		
			x=	φ		
			y=	λ		
			x=	φ		
			y=	λ		
			x=	φ		
			y=	λ		

COMPUTED BY	A. C. Rauck, Jr.	DATE	11/18/70	COMPUTATION CHECKED BY B. Wilson	DATE 11/24/70
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-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.

[redacted]

OCT 23 1986

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

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

FIELD EDIT REPORT

SHEET T-12374

CLARENCE STRAIT

(MAGNETIC POINT)

~~PH-6301~~ 6303

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 accessability 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.

[redacted]

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

Approved for forwarding:
Billy H. Barnes
Billy H. Barnes
Chief, Quality Assurance Group, AMC

Approved:
Chief, Photogrammetric Production Sect.

Chief, Photogrammetry Branch
Rockville

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. ____________

INSTRUCTIONS

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.

CHART	DATE	CARTOGRAPHER	REMARKS
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
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			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.