

T-12366

T-12366

NOAA FORM 76-35 (6-80)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
<i>Map No.</i> T-12366	<i>Edition No.</i> 1
<i>Job No.</i> PH-6303	
<i>Map Classification</i> FINAL FIELD EDITED MAP	
<i>Type of Survey</i> SHORELINE	
LOCALITY	
<i>State</i> ALASKA	
<i>General Locality</i> CLARENCE STRAIT	
<i>Locality</i> RATZ HARBOR	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">1963 TO 1971</div>	
REGISTERED IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72) U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN. <h3 style="text-align: center;">DESCRIPTIVE REPORT - DATA RECORD</h3>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	SURVEY TR <u>12366</u> MAP EDITION NO. (1) MAP CLASS Final JOB PH. <u>6303</u>
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division AMC, 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__	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Aerotriangulation Jan. 9, 1967 Compilation Mar. 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: <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		4. GRID(S)	
Polyconic		STATE Alaska	ZONE 1
5. SCALE 1:10,000		STATE	ZONE
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY J. Perrow			Dec. 1970
METHOD: Stereoplanigraph LANDMARKS AND AIDS BY			
2. CONTROL AND BRIDGE POINTS PLOTTED BY J. Perrow			Dec. 1970
METHOD: Coradomat CHECKED BY H. Eichert			Dec. 1970
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY A. Shands			Dec. 1970
COMPILATION CHECKED BY R. White			Dec. 1970
INSTRUMENT: Wild B-8 CONTOURS BY N.A.			
SCALE: 1:10,000 CHECKED BY N.A.			
4. MANUSCRIPT DELINEATION PLANIMETRY BY B. Wilson			Dec. 1970
CHECKED BY R. Pate			Dec. 1970
METHOD: Smooth Drafted CONTOURS BY N.A.			
SCALE: 1:10,000 CHECKED BY N.A.			
HYDRO SUPPORT DATA BY B. Wilson			Dec. 1970
CHECKED BY R. Pate			Dec. 1970
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY R. Pate			Dec. 1970
6. APPLICATION OF FIELD EDIT DATA BY C. Blood			Oct. 1971
CHECKED BY B. Wilson			Mar. 1972
7. COMPILATION SECTION REVIEW BY B. Wilson			Mar. 1972
8. FINAL REVIEW BY L. O. Neterer, Jr.			Jan. 1987
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY L. O. Neterer, Jr.			
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY P. Dempsey			Jun 1988
11. MAP REGISTERED - COASTAL SURVEY SECTION BY <i>J. Wilson</i>			July 1988

T-12366
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8W		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR X(P) PANCHROMATIC (I) INFRARED		ZONE	
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				Pacific	
				MERIDIAN	
				120th	
				<input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
63W 7298-7302	2 July 1963	11:10	1:30,000	11.5 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:

There was no mean lower-low water line compiled on this map.

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-12363	No Survey	T-12369	No Survey

REMARKS

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYT-12366
HISTORY OF FIELD OPERATIONSI. FIELD INSPECTION OPERATION FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	B. Williams	Apr. 26, 1966
2. HORIZONTAL CONTROL	RECOVERED BY C.R.M.	Apr. 26, 1966
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY C.R.M.	Apr. 26, 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 (<i>Triangulation Stations</i>) BY None	
	LOCATED (<i>Field Methods</i>) BY None	
	IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE BY <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
63W7300	RATZ, 1915, sub points A, B, & C		

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*)

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T-12366
HISTORY OF FIELD OPERATIONS

I. FIELD INSPECTION OPERATION FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	H. R. Lippold	May 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	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 BY <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION		
6. PHOTO INSPECTION CLARIFICATION OF DETAILS BY	L. Oliver	May 1971
7. BOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED BY	N.A.	

II. SOURCE DATA

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

3. PHOTO NUMBERS (Clarification of details)

63W 7298-7300

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

I. MANUSCRIPT COPIES			DATE MANUSCRIPT FORWARDED	
COMPILATION STAGES			MARINE CHARTS	HYDRO SUPPORT
DATA COMPILED	DATE	REMARKS		
Compilation complete pending field edit	Dec. 1970	Class III	Jan. 19, 1971	Jan. 18, 1971
Field edit applied . Compilation complete	Oct. 1971	Class I	June 15, 1978	Feb. 21, 1974
Final Review	Jan. 1987	Final Map	June 1988	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER Pages	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		Dec. 2, 1977	Aid to be charted

2. REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: Dec. 2, 1977
 3. REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

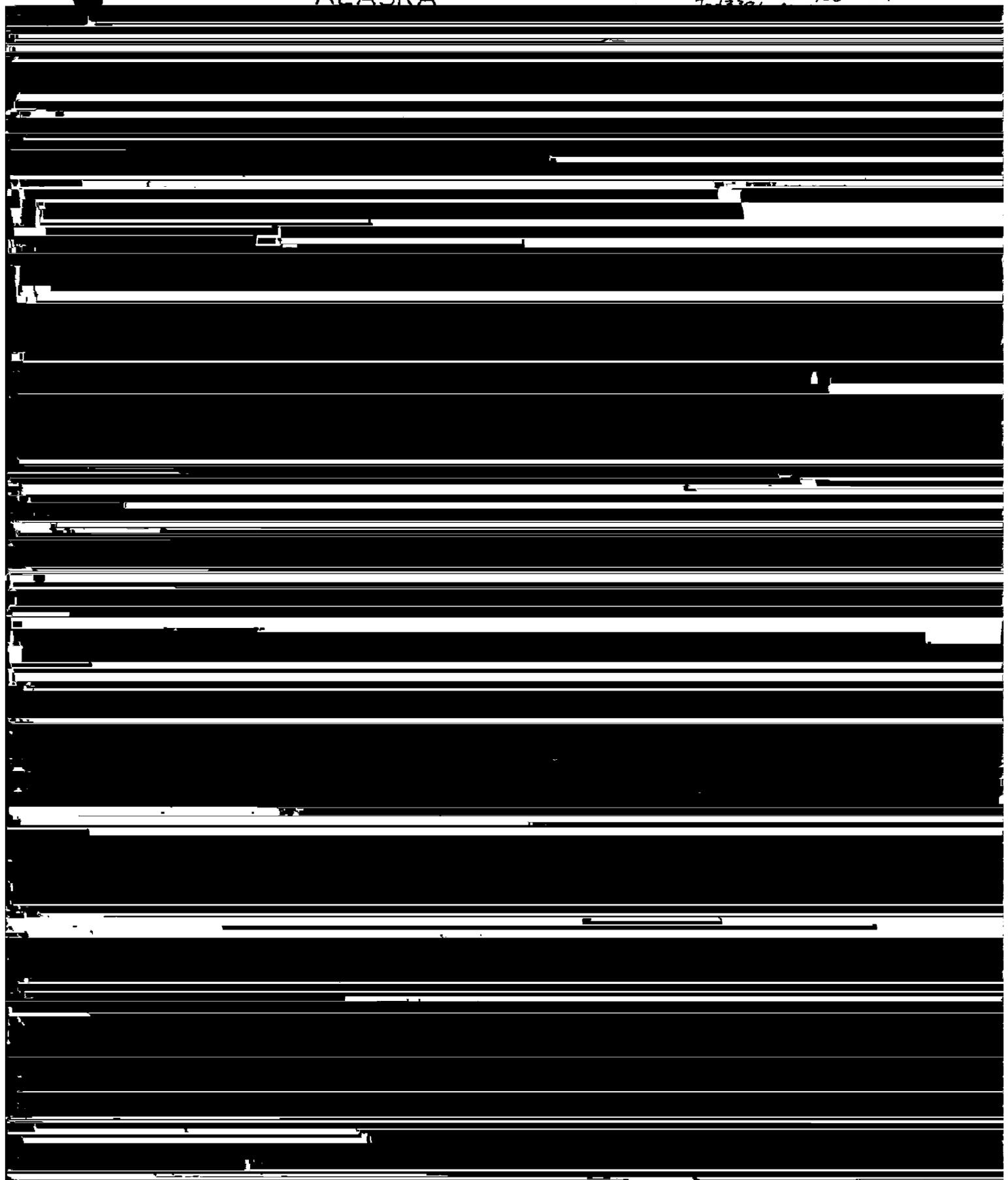
1. BRIDGING PHOTOGRAPHS; DUPLICATE BRIDGING REPORT; COMPUTER READOUTS.
 2. CONTROL STATION IDENTIFICATION CARDS; FORM NOS ⁷⁶⁻⁴⁰ ~~567~~ SUBMITTED BY FIELD PARTIES.
 3. SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:
 4. DATA TO FEDERAL 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 <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL

JOB PH-6303
CLARENCE STRAIT
ALASKA

REVISED 9/23/76 RWW
REVISED 10/7/86 D.B.
7-13240 CANCELED
REVISED 12/11/86 JDM
T-13301



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

T-12366

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 black and white panchromatic film with the "W" camera (focal length 153.02 millimeters) at 1:30,000 scale.

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

Analytic aerotriangulation was performed at the Washington Science Center in December 1970.

Compilation was performed at the Atlantic Marine Center during December 1970 and January 1971.

Field edit was accomplished during May 1971.

Application of field edit to advance this map to Class I status was achieved in March 1972 at the Atlantic Marine Center.

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

This Descriptive Report contains all pertinent information used to compile this final 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.

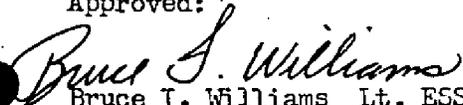
Horizontal control consisted of the photo-identification of the required triangulation stations. New stations were established by triangulation or traverse utilizing the electronic distance measuring instruments (Fairchild MC-8 Electrochains).

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

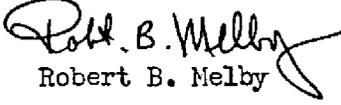
life that reflects a white tone. This will appear as a white band paralleling the shoreline. This is followed by a dark, nearly black color tone. This area receives only occasional wave action during storms. This appears on the photography as a dark band adjacent to and next in elevation above the white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

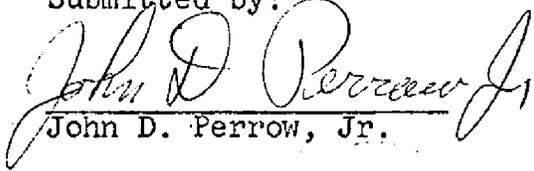
24. Supplemental Data

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.

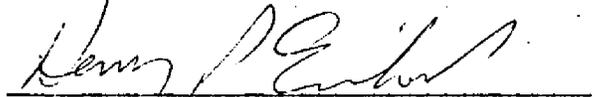
25. Photography

Photography was good in coverage, overlap, and definition.

Submitted by:


John D. Perrow, Jr.

Approved by:


Henry P. Eichert
Chief, Aerotriangulation Section

SHORELINE MAPPING

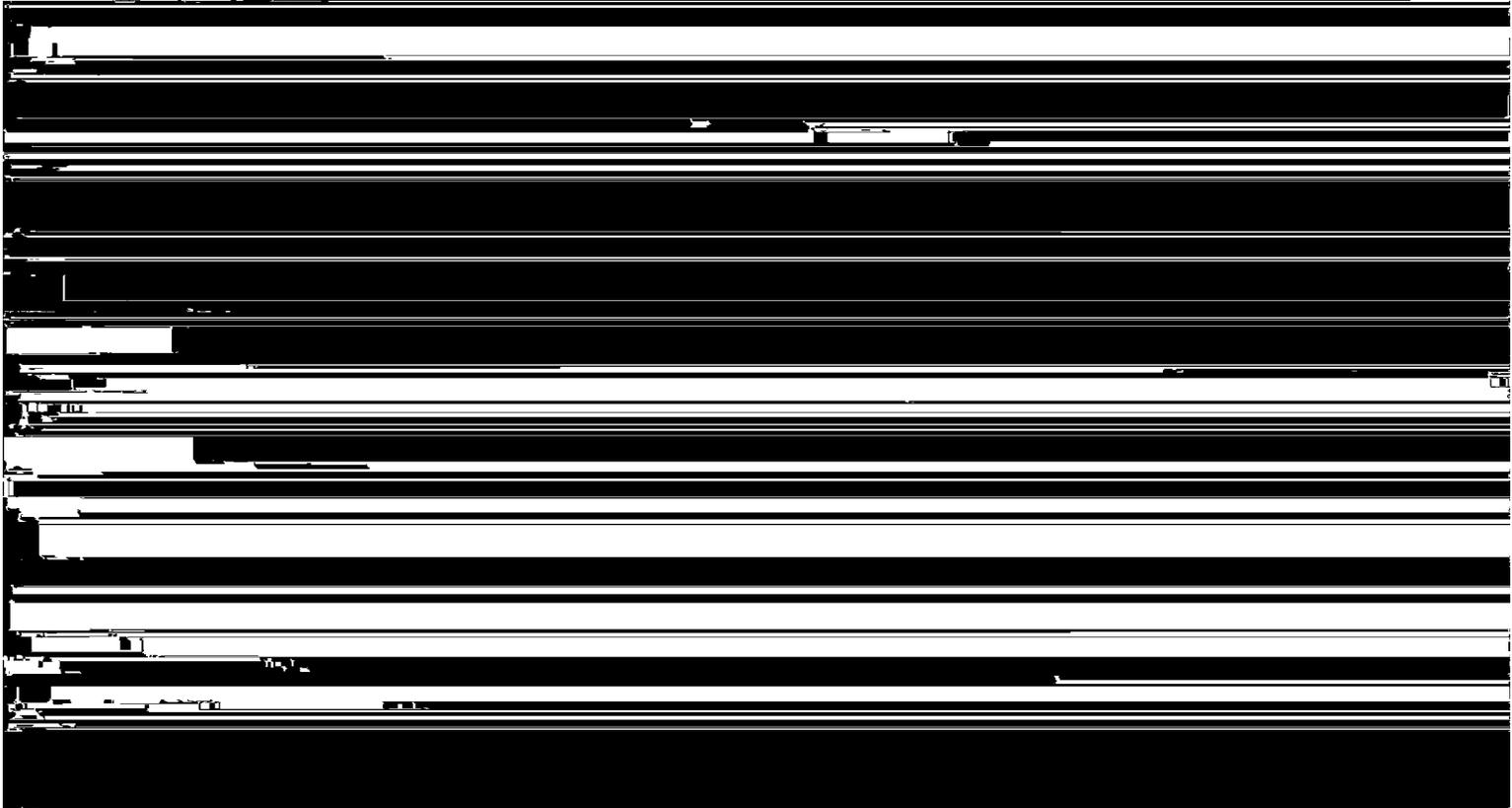
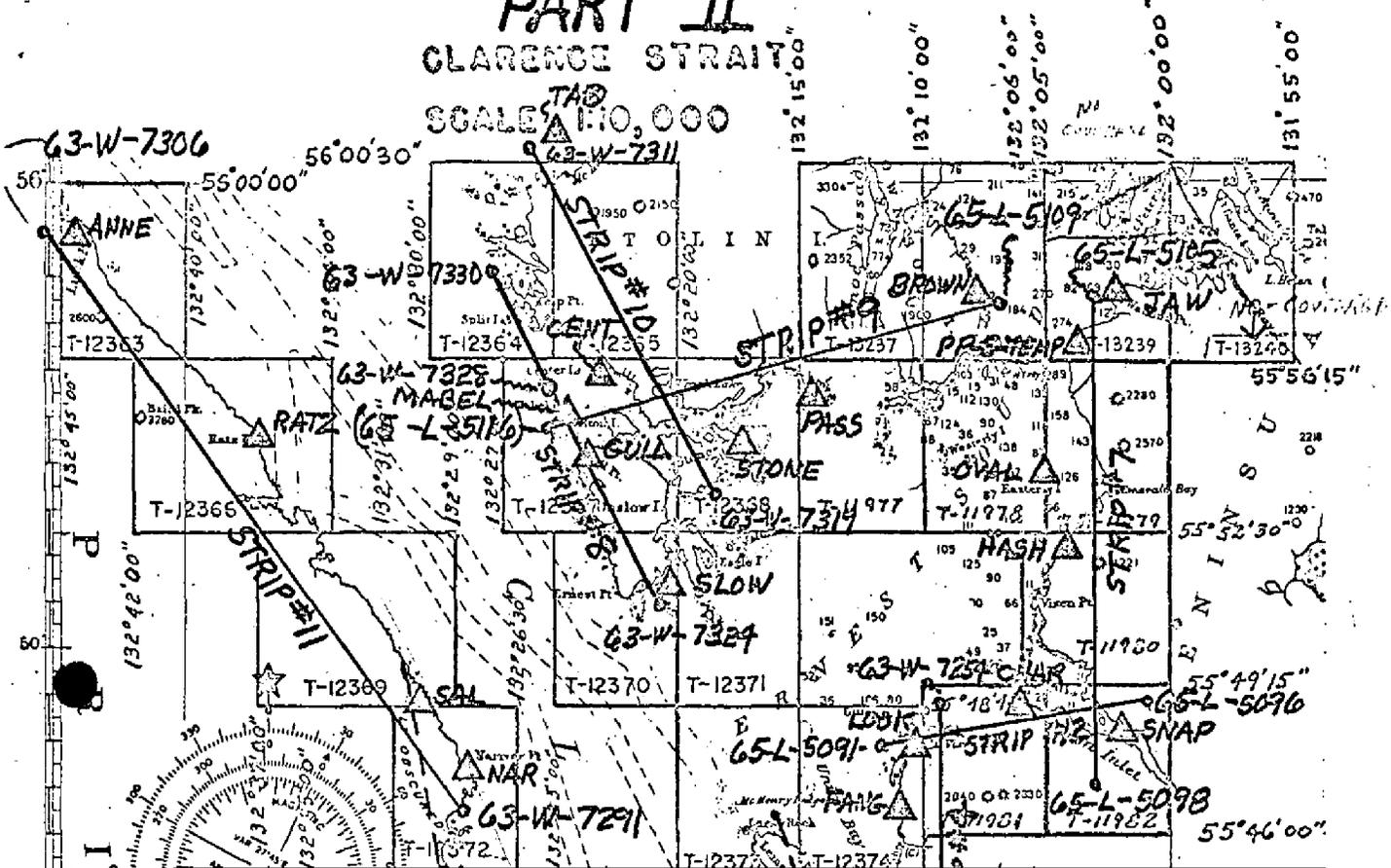
NOV. 1970.

ALASKA

PART II

CLARENCE STRAIT

SCALE 1:10,000



Notes to Compiler
PH-6303
Clarence Strait, Alaska

December 3, 1970

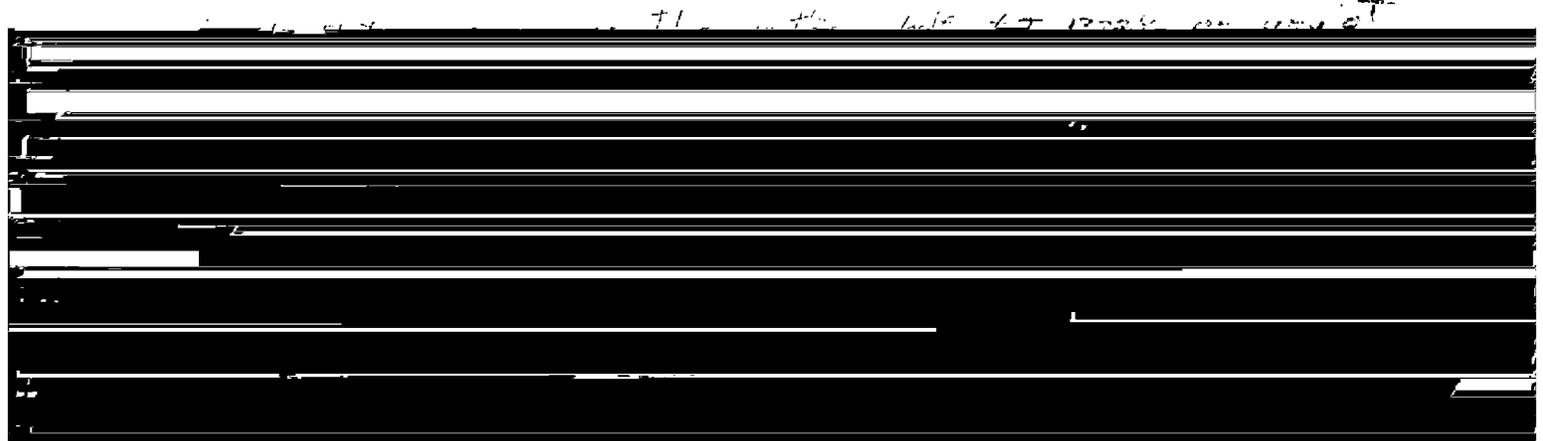
Strip #4 does not fit within itself too well. However, the best overall fit was made so that the strip could be tied to Strip #3 (Part I), which had been compiled at an earlier date.

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.



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	PH-6303	GEODETIC DATUM	NA	1927	ORIGINATING ACTIVITY		REMARKS	
T-12366						Division, Coastal Mapping		Division, Norfolk, Va.	
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		FORWARD	BACK	
			STATE	ALASKA	ϕ	λ			
			ZONE	1					
RATZ, 1915	55132 ✓ pg. 20		x=		ϕ	55 54	33.622 ✓	1039.9 ✓	(815.8) ✓
			y=		λ	132 36	54.128 ✓	940.3 ✓	(102.1) ✓
RATZ HARBOR BEACON, 1916	55132 ✓ pg. 20		x=		ϕ	55 53	16.675 ✓	515.7 ✓	(1340.0) ✓
			y=		λ	132 35	47.543 ✓	826.4 ✓	(216.5) ✓
			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	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-12366

31. DELINEATION

The Wild B-8 stereo plotter, using panchromatic black and white photographs, was used for compilation. The photographs were of good definition.

32. CONTROL

The control was adequate. See Photogrammetric Plot Report PH-6303, Part II, Northern Half dated December 3, 1970.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage been delineated from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

The mean high water line and alongshore detail has been compiled from office interpretation of the photographs.

No low water line has been compiled.

36. OFFSHORE DETAIL

All offshore details including dashed lines; foul, ledge, etc.; were compiled from office interpretation of the photographs.

37. LANDMARKS AND AIDS

An appropriate copy of Form 76-40 for one nonfloating aid to navigation was forwarded to the Rockville office on November 29, 1977.

38. CONTROL FOR FUTURE SURVEYS

None.

T-12366

39. JUNCTIONS

See Form 76-36B with this Descriptive Report.

40. HORIZONTAL AND VERTICAL ACCURACY

No Statement.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with U.S.G.S. Quadrangles Craig (D-2), Alaska dated 1949, minor revisions 1962, scale 1:63,360, and Craig (D-3), dated 1949, minor revisions 1963, scale 1:63,360.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with U.S.C. & G.S. Charts 8102, scale 1:229,376, 8th edition dated December 20, 1965, and Chart 8124, scale 1:10,000, 6th edition dated January 11, 1965.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Respectfully submitted:

Bernice Wilson
Bernice Wilson
Cartographic Technician
December 9, 1970

Approved:

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

OCT 23 1986

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6303 (Clarence Strait, Alaska)

T-12366

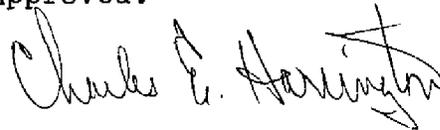
Clarence Strait

Prince of Wales Island

Ratz Harbor

Ratz Point

Approved:



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

FIELD EDIT REPORT

SHEET T-12366

CLARENCE STRAIT

(RATZ HARBOR)

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 MW #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]
W. C. Lippitt Jr.
CAPT, NOAA
Commanding Officer

REVIEW REPORT
SHORELINE

T-12366

61. GENERAL STATEMENT

See Summary included with this Report.

The ledge symbol was applied from field edit verification of a dashed line of approximate ledge limits. These limits are similar to the ledge line shown on the hydrographic surveys. Therefore, it was not deleted, even though no mean lower low water photography was available in this area of the project.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with U. S. Geological Survey Quadrangles:

Craig (D-2), Alaska, dated 1949, minor revisions 1962, and
Craig (D-3), Alaska, dated 1949, minor revisions 1963;
both are 1:63,360 scale.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

A comparison was made with registered Hydrographic Surveys H-9194, 1:20,000 scale and H-9193, 1:10,000 scale.

65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS charts:

17423, 11th edition, dated January 3, 1981, scale 1:10,000;
17360, 26th edition, dated August 18, 1984, scale 1:217,828; 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.

T-12366

Submitted by:

Lowell O. Neterer, Jr.
Lowell O. Neterer, Jr.
Final Reviewer
January 29, 1987

Approved for forwarding:

Billy H. Barnes
Chief, Quality Assurance Group, AMC

Approved:

Jay O. Robson
Chief, Photogrammetric Production Sect.

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Chief, Photogrammetry Branch

TYPE OF ACTION	
OBJECTS INSPECTED FROM SEAWARD	
POSITIONS DETERMINED AND/OR VERIFIED	
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW	
ACTIVITIES	
INSTRUC	
OFFICE	
1. OFFICE IDENTIFIED AND LOCATED C	
Enter the number and date (incl day, and year) of the photograph identify and locate the object.	
EXAMPLE: 75E(C)6042	
8-12-75	
FIELD	
1. NEW POSITION DETERMINED OR VERIFIED	
Enter the applicable data by symbol	
F - Field	P - Photogrammetry
L - Located	Vis - Visual
V - Verified	
1 - Triangulation	5 - Field Intersection
2 - Traverse	6 - Theodolite
3 - Intersection	7 - Planeta
4 - Resection	8 - Sextant
A. Field positions* require entire location and date of field work	
EXAMPLE: F-2-6-L	
8-12-75	
*FIELD POSITIONS are determined by positions based entirely upon ground	

