

T-12443

T-12443

NOAA FORM 76-35 (6-80)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. T-12443	Edition No. 1
Job No. PH-6310	
Map Classification FINAL	
Type of Survey SHORELINE	
LOCALITY	
State ALASKA	
General Locality ANNETTE ISLAND	
Locality DRIEST POINT	
19 63 TO 19 70	
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 type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE  Portland, Oregon  OFFICER-IN-CHARGE  P. A. Stark		SURVEY <u>12443</u> MAP EDITION NO. (1) MAP CLASS Final JOB PH. 6310	
PHOTOGRAMMETRIC OFFICE  Portland, Oregon  OFFICER-IN-CHARGE  P. A. Stark		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE  Portland, Oregon  OFFICER-IN-CHARGE  P. A. Stark		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
August 13, 1964			
II. DATUMS			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify)	
2. VERTICAL: <input type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input checked="" type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION  Polyconic		4. GRID(S) STATE Alaska ZONE 1	
5. SCALE 1:10,000		STATE ZONE	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	
1. AEROTRIANGULATION BY METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY		DATE	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: CHECKED BY		DATE	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: CONTOURS BY SCALE: CHECKED BY		DATE	
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: CONTOURS BY SCALE: CHECKED BY HYDRO SUPPORT DATA BY		DATE	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		DATE	
6. APPLICATION OF FIELD EDIT DATA BY		DATE	
7. COMPILATION SECTION REVIEW BY		DATE	
8. FINAL REVIEW BY		DATE	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		DATE	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		DATE	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		DATE	

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

## COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 W Focal length = 153.20 mm		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (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	
				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
63-W-7492-7494	7/2/63	1055	1:10,000	10' above MLLW	

REMARKS

## 2. SOURCE OF MEAN HIGH-WATER LINE:

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

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

No mean lower low-water line was 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
N/A	T-12444	T-12446	N/A

REMARKS

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

T-12443

## HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	D. R. Tibbit	Jun 1970 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	NA NA NA
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 BY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	D. R. Tibbit
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)

63 W 7347, 63 W 7348, 63 W 7360 thru 63 W 7362, 63 W 7364, 63 W 7365 63 W 7491  
thru 63 W 7493

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 report and ozalid for 1969 edit

1-Field edit report and ozalid for 1970 edit

I. MANUSCRIPT COPIES				
COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete, pending field edit	Oct. 1964	Class III Manuscript	None	Unknown
Field edit applied, compilation complete.	Dec. 1971	Class I Manuscript	None	None
Final Reviewed	Oct. 1983	Final Map		

### II. LANDMARKS AND AIDS TO NAVIGATION None

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

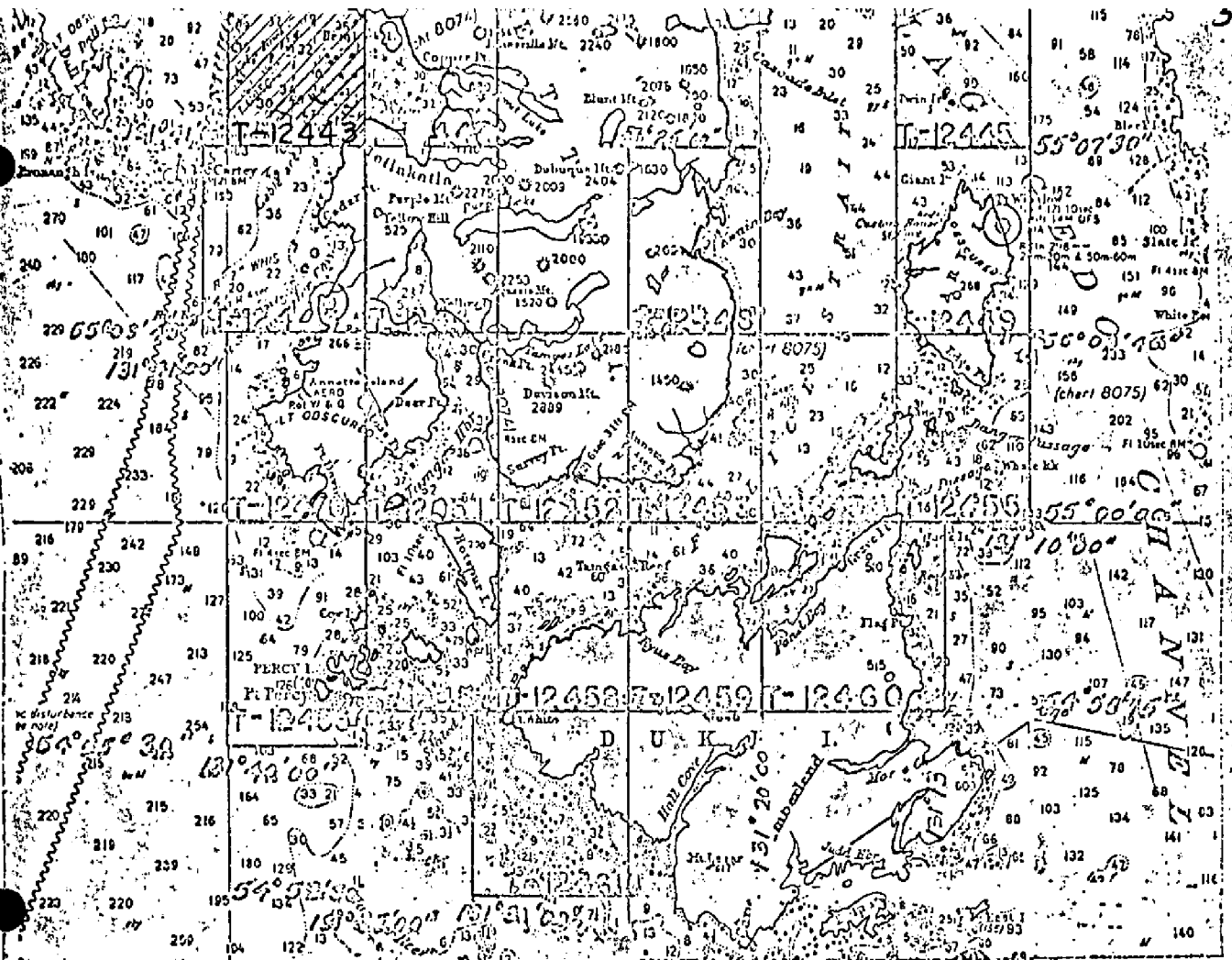
2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: \_\_\_\_\_
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

### 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:  
     *Some source data located at Wilkens Ave storage Box 13*
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	JOB NUMBER	TYPE OF SURVEY	
	TP - _____ (2)	PH - _____	<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	JOB NUMBER	TYPE OF SURVEY	
	TP - _____ (3)	PH - _____	<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	JOB NUMBER	TYPE OF SURVEY	
	TP - _____ (4)	PH - _____	<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



SHEET NUMBER	AREA Sq. Mi.	SHEET NUMBER	AREA Sq. Mi.
12443	1	12453	3
12444	5	12454	2
12445	1	12455	3
12446	3	12456	3
12447	3	12457	6
12448	3	12458	4
12449	6	12459	6
12450	8	12460	8
12451	6	12461	3
12452	2	TOTAL	38
TOTAL	38		

JOB PH-6310  
 SHORELINE MAPPING  
 ANNETTE ISLAND, ALASKA  
 SCALE 1:10,000

SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT

T-12443

This 1:10,000 scale map is one of nineteen maps that comprise project PH-6310, Felice Strait, Alaska, and one of eight of the original Project 21069, Annette Island, Alaska.

This project encompasses Annette Island from Revillagigedo Channel, longitude  $131^{\circ}10'00''$  west to Nichols Passage, longitude  $131^{\circ}41'00''$ , and from Duke Island, latitude  $54^{\circ}52'30''$  north to Annette Island, latitude  $55^{\circ}11'15''$ .

Instructions dated June 29, 1977 require maps T-12443, T-12444, T-12446, T-12447, T-12450, T-12451, T-12452, T-12456, T-12457, T-12458 and T-12461 to be registered as Final maps. Maps T-12445, T-12448, T-12449, T-12453, T-12454, T-12455, T-12459 and T-12460 to be registered as Final Class III maps.

Field work prior to compilation consisted of the identification of horizontal control for bridging.

Photographic coverage was provided in July 1963 using panchromatic film with the "W" camera (focal length 153.02 millimeters) at 1:10,000 scale.

Analytic aerotriangulation was performed at the Washington Science Center July 1964.

Compilation was performed at the Portland, Oregon field office in October 1964.

Field edit was accomplished during both the 1969 and 1970 field seasons.

Application of field edit was completed in November 1971 at the Atlantic Marine Center.

Final review was performed at the Atlantic Marine Center in October 1983.

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

MAP MANUSCRIPT T-12443

PROJECT 21069

NONE.



## Aerotriangulation Report

Project 21069

Annette Island, Alaska

21. Area Covered

The bridging covers the west side of Annette Island, Alaska. This report applies to surveys T-12443, T-12444, T-12446, T-12447, T-12450, T-12451 and T-12456.

22. Method

Two strips were bridged to provide control for shoreline compilation. Strip No. 3 consisted of 1:30,000 scale photographs 63-W-7162-69 and was bridged on the Zeiss C-8 Stereoplanigraph. It was adjusted on five triangulation stations. Strip No. 4 consisted of 1:30,000 scale photographs 63-W-7173-81 and was bridged on the Zeiss C-5 Stereoplanigraph. It was adjusted on five triangulation stations with three triangulation stations as checks.

23. Adequacy of Control

Control positions were adequate for bridge adjustments. Sub-stations No. 1 of Duncan, 1912-21, No. 2 of Davis, 1914 and triangulation station Metlakatla East Church Tower, 1914 were either misidentified in the field or on the stereo model. Sub-station No. 1 of Lock, 1964 was misidentified on the stereo model in Strip No. 4. All other points held within accuracy requirements. Common pass points between the two strips were averaged.

24. Supplemental Data

None

25. Photography

Photography was adequate as to coverage and definition.

Submitted by:

*Edward L. Rolle* *ELR*  
Edward L. Rolle

Approved by:

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

# DESCRIPTIVE REPORT CONTROL RECORD

MAP T- 12443

PROJECT NO. 21069

SCALE OF MAP 1:10,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y COORDINATE LONGITUDE OR X COORDINATE	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 ft. = 3048006 meter) FORWARD (BACK)
DRIEST POINT LIGHT, 1964	FORM 28 BT UNADJ. FIELD COMPUTATION	N.A. 1927	55 10 37.32 131 36 16.66	
DRIEST, 1914	ALASKA 55131 Pg. 10	"	55 10 36.835 131 36 17.101	
BURT, 1924	ALASKA 55131 Pg. 5	"	55 07 55.611 131 37 57.797	
GULL RM NO. 2, 1914	COMP.	"	55 08 27.739 131 35 37.411	
METLAKATLA NORTH BASE, 1924	ALASKA 55131 Pg. 21	"	55 07 43.058 131 35 43.107	
SPIN, 1914	ALASKA 55131 Pg. 34	"	55 08 22.643 131 36 05.197	
SPOT, 1913	ALASKA 55131 Pg. 35	"	55 07 37.745 131 35 53.597	
WAR, 1914	ALASKA 55131 Pg. 39	"	55 07 56.761 131 37 55.350	
COMPUTED BY C.H.B. R.H.M.	DATE 8-19-64 10-8-64	CHECKED BY M.E.H. C.H.B.	DATE 8-21-64 10-17-64	9

COMPILATION REPORT  
MAP MANUSCRIPT T-12443  
PROJECT 21069

31. DELINEATION:

PLANIMETRY WAS COMPILED BY KELSH INSTRUMENT AND DRAFTED ON THE MANUSCRIPT IN ACCORDANCE WITH METHOD THREE (3).

32. CONTROL:

ADEQUATE SUPPLEMENTARY CONTROL WAS ESTABLISHED BY BRIDGING WITH THE STEREOPLANIGRAPH BASED ON IDENTIFIED HORIZONTAL CONTROL.

33. SUPPLEMENTAL DATA:

NONE.

34. CONTOURS AND DRAINAGE:

CONTOURS ARE NOT APPLICABLE.

DRAINAGE SHOWN WAS COMPILED FROM STEREOSCOPIC EXAMINATION OF THE PHOTOGRAPHY.

35. SHORELINE AND ALONGSHORE DETAILS:

NO FIELD INSPECTION OF THIS AREA WAS FURNISHED. THE MEAN HIGH WATER LINE AND ALONG SHORE DETAILS WERE DELINEATED FROM OFFICE INSPECTION OF THE PHOTOGRAPHY. NO LOW WATER LINE WAS COMPILED. THE APPARENT LIMITS OF A SHALLOW FORESHORE AREA AND ROCK LEDGES AWASH WERE COMPILED FROM STEREOSCOPIC EXAMINATION OF THE PHOTOGRAPHS.

36. OFFSHORE DETAILS:

NONE.

37. LANDMARKS AND AIDS:

WARBURTON ISLAND LIGHT, 2935, ON THE EAST SIDE OF THE ISLAND WAS NOT COVERED BY THE PHOTOGRAPHY.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

SATISFACTORY JUNCTIONS WERE MADE WITH MANUSCRIPTS T-10621 ON THE NORTH, T-12444 ON THE EAST AND T-12446 ON THE SOUTH. THERE IS NO CONTEMPORARY SURVEY ON THE WEST.

40. HORIZONTAL AND VERTICAL ACCURACY:46. COMPARISON WITH EXISTING MAPS:

COMPARISON WAS MADE WITH U.S.G.S. KETCHIKAN A-S ALASKA QUADRANGLE, SCALE 1:63,360, EDITION 1955.

47. COMPARISON WITH NAUTICAL CHARTS:

COMPARISON WAS MADE WITH NAUTICAL CHART 8074, SCALE 1:20,000 AT LATITUDE  $55^{\circ} 10'$ , 9TH EDITION, JULY 29, 1963, AND 8075, SCALE 1:80,000, AT LATITUDE  $55^{\circ} 20'$ , 1ST EDITION, JULY 22, 1936, REVISED SEPTEMBER 4, 1961.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

APPROVED:

*for Leo F. Bugart*  
P. A. STARK, CDR, C&GS  
PORTLAND FIELD OFFICER

FORWARDED:

*Donnel N. Williams*  
DONNEL N. WILLIAMS  
CARTOGRAPHER

48. GEOGRAPHIC NAME LIST:

ANNETTE ISLAND  
DRIEST POINT  
FILMORE ROCK  
GULL ISLAND  
KELP ROCKS  
LIVELY ROCK  
MURCO ISLAND  
NICHOLS PASSAGE  
SYLBURN HARBOR  
WARBURTON ISLAND

PHC 316

Field Edit Report  
to Accompany T-12443

USC&amp;GSS McARTHUR

D. R. Tibbit  
Cdr., USESSA  
Commanding Officer

## 51 METHODS

The portion of manuscript T-12443 north of latitude 55°08.8'N was field edited by personnel aboard the USC&GSS McARTHUR during October 1969 in conjunction with hydrography on boat sheet MA 10-3-69 (H 9070). Shoreline was inspected visually from skiffs and/or by walking the shoreline. Rocks, rock ledges, reefs and the MHW line were verified visually or with sextant fixes. Additions and corrections to the manuscript have been shown on the field edit ozalid or on the field photos and cross referenced on the field edit ozalid in violet ink. Field edit information was shown on the following photographs:

63W7360	63W7365
63W7361	63W7347
63W7362	63W7348
63W7364	

## 52 ADEQUACY OF COMPILATION

Manuscript T-12443 was complete and adequate for use in the hydrographic survey.

## 54 RECOMMENDATIONS

Manuscript T-12442 should be reissued to the USC&GSS McARTHUR in order to complete the field edit during the 1970 field season.

## 56 MISCELLANEOUS

The limits of field edit completed during the 1969 field season are indicated on the field edit ozalid.

FIELD EDIT REPORT  
TO ACCOMPANY T-12443

NOAA Ship McARTHUR (CSS-30)

Donald R. Tibbit  
Commander, NOAA  
Commanding Officer

51 METHODS

The portion of manuscript T-12443 South of Latitude 55°08.8'N was field edited by personnel aboard NOAA Ship McARTHUR during June 1970 in conjunction with hydrography on boat sheet MA 10-1-70. The field edit on this manuscript was begun during the 1969 season and completed during the 1970 season. Shoreline was inspected visually from skiffs and by walking the shoreline. Rocks, rock ledges, reefs, and the MHW line were verified visually or, where changes were apparent, verified with sextant fixes. Verification, additions, and corrections are shown on the field edit ozalid and when possible on the field photos in violet ink. The field edit ozalid is cross referenced to the following photos:

63W7491  
63W7492  
63W7493

52 ADEQUACY OF COMPIATION

Manuscript T-12443 is complete and adequate for use in conjunction with the hydrographic survey.

54 RECOMMENDATIONS

None.

56 MISCELLANEOUS

There were no field edit photos for Warburton Island. The field edit information is shown on the field edit ozalid. The rocks known as Kelp Rocks were field edited during the 1969 season and the information was sent in at that time.

REVIEW REPORT  
SHORELINE  
T-12443

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 Ketchikan (A-5), Alaska, scale 1:63,360, dated 1955.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

There is no contemporary hydrographic survey within the limits of this map.

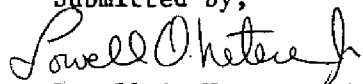
65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with NOS Chart 17434, 9th edition, 1:80,000 scale, dated February 14, 1981.

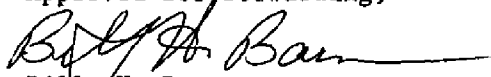
66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

Submitted by,

  
Lowell O. Neterer, Jr.  
Final Reviewer

Approved for forwarding,

  
Billy H. Barnes  
Chief, Photogrammetric Section, AMC

Approved,

Chief, Photogrammetric Section, Rockville

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 Rev

[illegible]