

T-12444

T-12444

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>	<i>Edition No.</i>
T-12444	1
<i>Job No.</i>	
PH-6310	
<i>Map Classification</i>	
FINAL	
<i>Type of Survey</i>	
SHORELINE	
<b>LOCALITY</b>	
<i>State</i>	
ALASKA	
<i>General Locality</i>	
ANNETTE ISLAND	
<i>Locality</i>	
METLAKATLA	
19 63 TO 19 70	
<b>REGISTERED IN ARCHIVES</b>	
<b>DATE</b>	

NOAA FORM 76-36A (3-72) U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY	SURVEY TR. 12444
<b>DESCRIPTIVE REPORT - DATA RECORD</b>		<input checked="" type="checkbox"/> ORIGINAL	MAP EDITION NO. (1)
		<input type="checkbox"/> RESURVEY	MAP CLASS Final
		<input type="checkbox"/> REVISED	JOB PH- 6310
PHOTOGRAMMETRIC OFFICE  Portland, Oregon		<b>LAST PRECEDING MAP EDITION</b>	
		TYPE OF SURVEY	JOB PH- _____
		<input type="checkbox"/> ORIGINAL	MAP CLASS _____
		<input type="checkbox"/> RESURVEY	SURVEY DATES:
		<input type="checkbox"/> REVISED	19 TO 19
<b>I. INSTRUCTIONS DATED</b>			
1. OFFICE		2. FIELD	
August 13, 1964			
<b>II. DATUMS</b>			
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
<b>III. HISTORY OF OFFICE OPERATIONS</b>			
OPERATIONS		NAME	
1. AEROTRIANGULATION METHOD: Analytic		NAME	
		E. L. Rolle	
		J. D. Perrow, Jr.	
2. CONTROL AND BRIDGE POINTS METHOD:		PLOTTED BY	
		C. H. Bishop	
		CHECKED BY	
		M. Harbert	
3. STEREOSCOPIC INSTRUMENT COMPILEATION		PLANIMETRY BY	
		D. N. Williams	
		Unknown	
INSTRUMENT: Kelsh Plotter		CHECKED BY	
		N.A.	
SCALE: 1:10,000		CONTOURS BY	
		N.A.	
4. MANUSCRIPT DELINEATION		CHECKED BY	
		C. H. Bishop	
		R. H. Meyer	
METHOD: Smooth drafted		CONTOURS BY	
		N.A.	
SCALE: 1:10,000		CHECKED BY	
		N.A.	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT		HYDRO SUPPORT DATA BY	
		C. H. Bishop	
		R. H. Meyers	
6. APPLICATION OF FIELD EDIT DATA		CHECKED BY	
		R. H. Meyers	
		L. L. Graves	
7. COMPILEATION SECTION REVIEW		CHECKED BY	
		B. Wilson	
8. FINAL REVIEW		CHECKED BY	
		B. Wilson	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH		BY	
		L. O. Neterer, Jr.	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH		BY	
		L. O. Neterer, Jr.	
11. MAP REGISTERED - COASTAL SURVEY SECTION		BY	
		P. Dempsey	
		E. O. Dugay	
		Aug 86	

T-12444  
COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 W (Focal length = 153.20 mm)		TYPES OF PHOTOGRAPHY LEGEND  (C) COLOR (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  Paci. f.c.	STANDARD  <input checked="" type="checkbox"/>
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
63-W(P) 7166 thru 7169 63-W(P) 7173 and 7174	Jul.1, 1963 Jul.1, 1963	14:55 14:59	1:30,000 1:30,000	4 ft. above MLLW 4 ft. 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:

The mean lower low water line was compiled under instructions prevailing at the time of compilation.

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
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## 5. FINAL JUNCTIONS

NORTH No Survey	EAST No Survey	SOUTH T-12447	WEST T-12443
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## REMARKS

T-12444

## HISTORY OF FIELD OPERATIONS

I.  FIELD INSPECTION OPERATION FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	D. R. Tibbet	Oct 1969 Jul 1970
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 <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	D. R. Tibbet
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	Oct 1969 Jul 1970

## 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)

63W7349 thru 63W7351, 63W7354, 63W7366 and 63W7367

## 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)

1-Field edit ozalid and report dated 1969

1-Field edit ozalid and report dated 1970

T-12444  
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	Sept. 1964	Class III Manuscript	None	Unknown
Field edit applied, compilation complete.	Oct. 1971	Class I Manuscript		None
Final Reviewed	Sept. 1983	Final Map		

## II. LANDMARKS AND AIDS TO NAVIGATION

## 1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		Feb. 1979	Aids for Charts
1		Feb. 1979	Landmarks for Charts

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

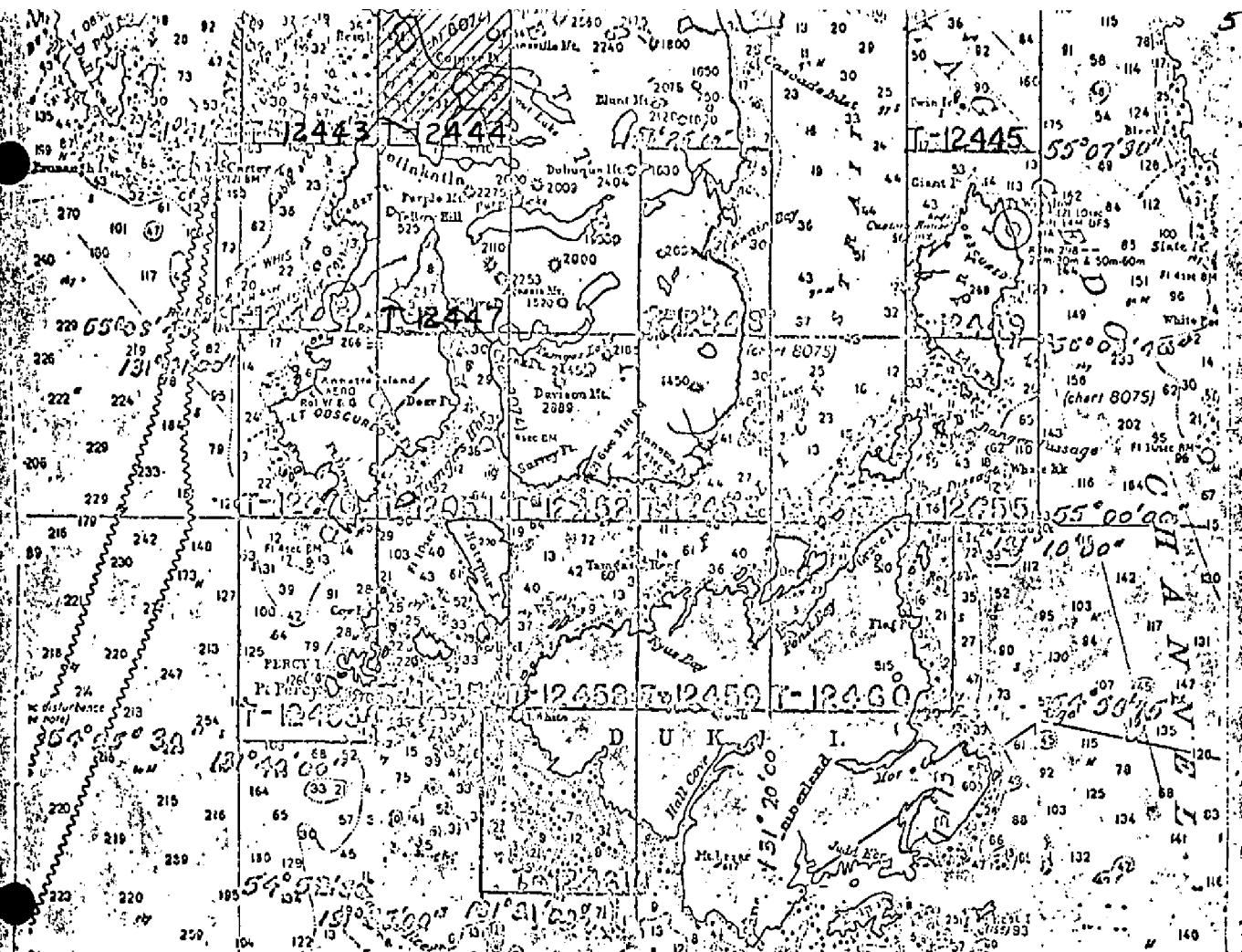
1.  BRIDGING PHOTOGRAPHS;  DUPLICATE BRIDGING REPORT;  COMPUTER READOUTS.2.  CONTROL STATION IDENTIFICATION CARDS;  FORM NOS. 567 SUBMITTED BY FIELD PARTIES.3.  SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.  
ACCOUNT FOR EXCEPTIONS:

Some source data located at Wilkins 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 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	



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
12453			
12454			
12455			
12456			
12457			
12458			
12459			
12460			
12461			
TOTAL			

JOB PH-6310

SHORE LINE MAPPING  
ANNETTE ISLAND, ALASKA

SCALE 1:10,000

SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT

T-12444

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, Alaska, 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 are 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 153.20 millimeters) at 1:30,000 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 September 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.

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FIELD INSPECTION REPORT

MAP MANUSCRIPT T-12444

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 Stereoplaniograph. 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 Stereoplaniograph. 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 Jr.*  
Edward L. Rolle

Approved by:

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

## DESCRIPTIVE REPORT CONTROL RECORD

MAP T. 12444

SCALE 05 MAR 1 : 10,000

## COMPILED REPORT

MAP MANUSCRIPT T-12444

PROJECT 21069

ITEMS 31 THRU 36:

REFER TO COMPILED REPORT FOR T-12443.

37. LANDMARKS AND AIDS:

LIGHTS ON BREAKWATER AND PIER IN METLAKATLA WERE LOCATED BY  
OFFICE IDENTIFICATION.

38. CONTROL FOR FUTURE SURVEYS:

NONE.

39. JUNCTIONS:

SATISFACTORY JUNCTIONS WERE MADE WITH MANUSCRIPTS T-10621 ON THE  
NORTH, T-12443 ON THE WEST AND T-12447 ON THE SOUTH. THERE IS NO  
CONTEMPORARY SURVEY ON THE EAST.

40. HORIZONTAL AND VERTICAL ACCURACY:ITEMS 46 AND 47:

REFER TO COMPILED REPORT FOR T-12443.

## APPROVED:

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

## FORWARDED:

*for Donnel N. Williams*  
DONNEL N. WILLIAMS  
CARTOGRAPHER

## COMPILED REPORT

MAP MANUSCRIPT T-12443

PROJECT 21069

31. DELINEATION:

PLANIOMETRY 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.

48. GEOGRAPHIC NAME LIST

ANNETTE ISLAND  
COPPER POINT  
GREEN POINT  
HEMLOCK ISLAND  
HUB ROCK  
INLET POINT  
MARTIN ROCK  
METLAKATLA  
MORSE ROCK  
MURDO ISLAND  
PILOT POINT  
PORT CHESTER  
SCRUB ISLAND  
SYLBURN HARBOR  
TROUT LAKE  
VILLAGE POINT

FIELD EDIT REPORT  
TO ACCOMPANY T-12444

NOAA Ship McARTHUR (CSS-30)

Donald R. Tibbit  
Commander, NOAA  
Commanding Officer

51 METHODS

The portion of manuscript T-12444 South of Latitude 55°08.8'N was field edited during July 1970 by personnel aboard NOAA Ship McARTHUR, 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. Verifications, 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:

63W7354  
63W7366  
63W7367

52 ADEQUACY OF COMPILATION

Manuscript T-12444 is complete and adequate for use in conjunction with the hydrographic survey.

54 RECOMMENDATIONS

None.

56 MISCELLANEOUS

There were numerous changes along the Metlakatla waterfront since the photos were taken. These changes are shown on the field edit ozalid. The Metlakatla city pier and cannery pier are shown in detail on a 1:2,500 scale drawing constructed on boat sheet MA 10-1-70.

REVIEW REPORT  
SHORELINE  
T-12444

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 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

This map complies with project instructions and meets the requirements for National Standards of Map Accuracy.

Submitted by,

*Lowell O. Neterer*  
Lowell O. Neterer, Jr.  
Final Reviewer

Approved for forwarding,

*Billy H. Barnes*

Billy H. Barnes  
Chief, Photogrammetric Section, AMC

Approved,

Chief, Photogrammetric Section, Rockville

Chief, Photogrammetry Branch,  
Rockville

**NAUTICAL CHART DIVISION**

**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.