

10390 ORIGINAL

10390

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	* SHORELINE (PHOTOGRAMMETRIC)
Field No.	Office No. T-10390
LOCALITY	
State	ALASKA
General locality	EL CAPITAN PASSAGE
Locality	MARBLE PASSAGE
1453 - 1957	
CHIEF OF PARTY	
E.W. Richards, Chief of Field Party	
W.F. Deane, Baltimore District Officer	
LIBRARY & ARCHIVES	
DATE	

USCOMM-DC 5087

* THIS IS AN "INCOMPLETE" SURVEY
REFER TO PAGE 6

DESCRIPTIVE REPORT - DATA RECORD

T - 10390

PROJECT NO. (II): PH-87																		
FIELD OFFICE (II): USC&GS Ship HODGSON USC&GS Ship LESTER JONES USC&GS Ship HODGSON		CHIEF OF PARTY R.A. Earle (1956) G.A. Nelson (1956) E.W. Richards (1957)																
PHOTOGRAMMETRIC OFFICE (III): Baltimore, Maryland		OFFICER-IN-CHARGE William F. Deane																
INSTRUCTIONS DATED (II) (III): <table><tr><td>FIELD:</td><td>3 June 1953</td><td>OFFICE:</td><td>17 Dec. 1953</td></tr><tr><td></td><td>28 Dec. 1953</td><td></td><td>7 Nov. 1955</td></tr><tr><td></td><td>23 Dec. 1954</td><td></td><td>13 Nov. 1956</td></tr><tr><td></td><td>25 Jan. 1955</td><td></td><td>23 Nov. 1956</td></tr></table>			FIELD:	3 June 1953	OFFICE:	17 Dec. 1953		28 Dec. 1953		7 Nov. 1955		23 Dec. 1954		13 Nov. 1956		25 Jan. 1955		23 Nov. 1956
FIELD:	3 June 1953	OFFICE:	17 Dec. 1953															
	28 Dec. 1953		7 Nov. 1955															
	23 Dec. 1954		13 Nov. 1956															
	25 Jan. 1955		23 Nov. 1956															
METHOD OF COMPILATION (III): GRAPHIC																		
MANUSCRIPT SCALE (III): 1:10,000		STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):																
DATE RECEIVED IN WASHINGTON OFFICE (IV):		DATE REPORTED TO NAUTICAL CHART BRANCH (IV):																
APPLIED TO CHART NO.	DATE:	DATE REGISTERED (IV):																
GEOGRAPHIC DATUM (III): N.A. 1927		VERTICAL DATUM (III): MHW MEAN LOW WATER EXCEPT AS FOLLOWS: Elevations shown as (25) refer to mean high water Elevations shown as (5) refer to sounding datum i.e., mean low water or mean lower low water																
REFERENCE STATION (III): NAT, 1922																		
LAT.: 55° 57' 54.024"	LONG.: 133° 20' 54.255"	<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED																
PLANE COORDINATES (IV): X =		STATE Alaska UTM																
		ZONE 8																
ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (II) FIELD PARTY, (III) PHOTOGRAMMETRIC OFFICE, OR (IV) WASHINGTON OFFICE. WHEN ENTERING NAMES OF PERSONNEL ON THIS RECORD GIVE THE SURNAME AND INITIALS, NOT INITIALS ONLY.																		

DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (II): J.P. Randall, A.M. Legako, V. Tilley J.P. Randall		DATE: 1956 Field Season June 1957
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Office interpretation of 1953 photography and field inspection in 1956 and 1957.		
PROJECTION AND GRIDS RULED BY (IV): A. Riley		DATE Nov. 29, 1955
PROJECTION AND GRIDS CHECKED BY (IV): A. Riley		DATE Nov. 29, 1955
CONTROL PLOTTED BY (III): J. E. Tolodziecki		DATE Jan. 24, 1956
CONTROL CHECKED BY (III): A. Queen L.A. Senasack		DATE Jan. 25, 1956 Mar. 16, 1956
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): E.L. Williams		DATE APRIL 4 Mar. 21, 1956
STEREOSCOPIC INSTRUMENT COMPILATION (III):		PLANIMETRY DATE
		CONTOURS DATE
MANUSCRIPT DELINEATED BY (III): B. KURS J. COUNCILL B. WILSON		DATE MAR. 1957
SCRIBING BY (III):		DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): R. GLASER		DATE Mar. 1959
REMARKS:		

DESCRIPTIVE REPORT - DATA RECORD

T-10390

CAMERA (KIND OR SOURCE) (III):

Nine - lens

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
41532 thru 41534	8/22/53	1119	1:10,000	8.2' above MLLW

TIDE (III) FROM PREDICTED TABLES DIURNAL

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Sitka		8.7	10.9
COORDINATE STATION: Cyrus Cove		8.8	10.9
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV): Leo F. Beugnet, Atlantic Marine Center

DATE:
Nov. 1968

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (III):

8

RECOVERED:

8

IDENTIFIED:

2

NUMBER OF BM(S) SEARCHED FOR (II):

0

RECOVERED:

0

IDENTIFIED

0

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

~~2~~ 2 *

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

1

REMARKS:

* IN ADDITION 2 STATIONS WERE RECOVERED

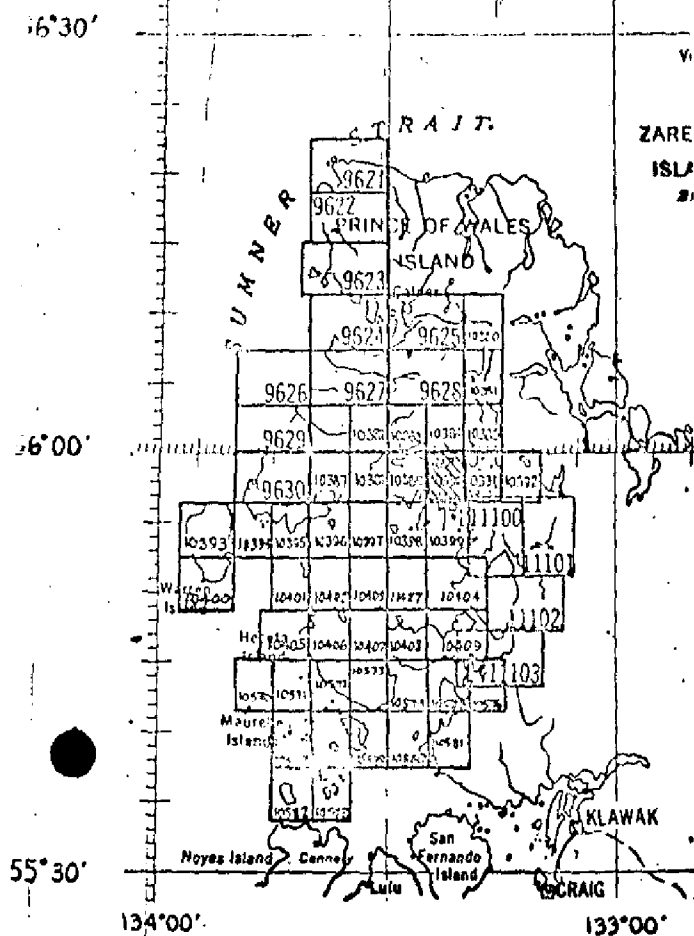
T-10390

COMPILATION RECORD	COMPLETION DATE	REMARKS
COMPILED (INCOMPLETE) Compiled (ADVANCE) (INCOMPLETE)	1956 March 1957	SUPERSEDED SUPERSEDED
Final Review	Nov. 1968	

SHORELINE MAPPING PROJECT PH- 87

Prince of Wales Island, Alaska

10.5.90



Project Ph-87 Official Mileage for Cost Accounts

Sheet No.	Area Sq. Mi.	Lin. Mi. Shoreline
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9621	12	10
9622	16	11
9623	15	7
9624	17	12
9625	21	11
9626	4	5
9627	15	15
9628	14	2
9629	5	6
9630	7	6
11100	32	16
11101	9	8
11102	18	10
11103	16	15
10380	6	4
10381	5	10
10382	8	2
10383	6	8
10384	7	5
10385	4	8
10386	9	1
10387	6	7
10388	3	6
10389	7	12
10390	6	16
10391	4	12
10392	8	7
10393	12	10
10394	2	4
10395	5	8
10396	2	4
10397	1	1
10398	3	5
10399	4	11
10400	6	8
10401	1	2
10402	2	3
10403	3	6
11427	1	1
10404	5	10
10405	2	2
10406	8	1
10407	8	2
10408	5	7
10409	10	10

10570	1	1
10571	1	1
10572	5	6
10573	8	2
10574	3	4
10575	2	4
10576	7	2
10577	1	1
10578	2	2
10579	1	6
10580	2	2
10581	12	9
10582	2	6
10583	2	5

TOTAL 412 378

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-10390

Shoreline survey T-10390 is one of 58 similar surveys in project PH-87. It covers part of the shoreline of El Capitan and Marble Passages in Southeast Alaska. The primary purpose of the survey was to provide new shoreline for nautical charts and photo-hydro support data for hydrographic surveys.

This survey was compiled as an incomplete manuscript. During the 1956 and 1957 field seasons field inspection was accomplished. That part of the survey north of $55^{\circ} 58' 30''$ was corrected from field inspection notes; the photographs for the area south of $56^{\circ} 58' 30''$ were lost and no corrections could be made to that part of the survey. For this reason the Incomplete Manuscript classification has been retained on the manuscript and the copies provided for record and registry. (See also page 16 of the compilation report.) ALSO REFER TO NOTE AT BOTTOM OF PAGE 24.

Compilation was at 1:10,000 scale by graphic methods using the nine-lens photography of August 1953. A cronaflex copy of the manuscript, blueline tracing, ozalids and photographs were furnished for preparation of the boat sheet, field edit and photo-hydro signal location.

The manuscript is a vinylite sheet $3 \frac{3}{4}$ minutes in latitude by 5 minutes in longitude which was smooth drafted and reproduced on cronaflex. One cronaflex positive and a negative are provided for record and registry.

Refer to page 6A

PRELIMINARY PHOTOGRAMMETRIC PLOT REPORT

Project 6087
Surveys T-10383 thru T-10385,
T-10389 thru T-10391,
T-10397, T-10398, T-10399, T-11100,
and T-11127

~~REFER TO~~
~~PAGE 6A~~

21. AREA COVERED

This preliminary radial plot covers the area of the surveys listed above.

The geographic area encompassed by these shoreline surveys includes Token Bay on the north, Davidson Inlet on the west, El Capitan Passage on the east, and Sea Otter Sound on the south.

22. METHOD - RADIAL PLOT

Map Manuscripts:

Vinylite sheets with polyconic projections in black and U.T.M. Alaska grid in red at a scale of 1:10,000 were furnished by the Washington Office.

All control stations and substitute stations were plotted using the meter bar and beam compass.

Base sheets were prepared in this office.

A sketch showing the layout of surveys and distribution of control and photograph centers is attached to this report.

Photographs:

There are forty-six (46) nine-lens, unmounted photographs at a scale of 1:10,000 used in this plot, numbered as follows:

41483 thru 41490
41514 thru 41521
41529 thru 41537
41594 thru 41602
41637 thru 41641
41648 thru 41652
52034 and 52035

Templets:

Vinylite templets were made for all the photographs using a master templet to correct for errors due to paper distortion and chamber displacement.

Closure and Adjustment to Control:

This radial plot is an extension to the east of the plot for surveys T-9629, T-9630, T-10328, T-10383, T-10388, T-10393 thru T-10396, T-10400, and T-10401. Although much dependence had to be placed on the office - identified control throughout the plot, it was possible to effect a

11

Closure and Adjustment to Control: (cont'd)

bridge from field-identified control on surveys T-10383 and T-10389 in the northwest to field-identified control on survey T-11100 in the southeast corner of the plot. This is a somewhat lengthy bridge and additional field-identified control is essential in order to ensure attaining the horizontal accuracy requirements, particularly on surveys T-10304 and T-10385.

A comparison between the radially plotted positions of the office-identified control and the geographic positions indicates that the probable horizontal error does not exceed 1.0 mm in the weakest portions of the plot.

Transfer of Points:

Each map manuscript was placed over the finished plot, oriented, and the positions of all pass points and photograph centers were then pricked on the manuscript.

Of these manuscripts, only surveys T-10383, T-10389, T-10398, and T-11127 were inked and passed on to the compilers. The pass points and photograph centers on the other surveys were not inked. Unless further instructions are received from the Washington office, these surveys numbered T-10304, T-10385, T-10386, T-10390, and T-10391 will not be inked or compiled until field identified control is available and the plot is relaid.

23. ADEQUACY OF CONTROL

This was a preliminary radial plot based for the most part on office-identified control. A layout on which is indicated the control stations which should be identified was submitted to the field party. With these stations identified, there should be adequate control for a final radial plot.

24. SUPPLEMENTAL DATA

None.

25. PHOTOGRAPHY

The photographic coverage and definition of photographs used in this plot were good.

26. CONTROL STATION OFFICE NOTES

A cahier numbered "No. 2 of 2" containing a card for each office-identified station within the limits of this plot was submitted to the field party. These cards should aid the field man in recovering and identifying the triangulation stations. On each card is a sketch of the area near the probable location of the station, as well as photographic data and the published description.

6

25. CONTROL STATION OFFICE NOTES (cont'd)

The sketch on the card is generalized. A sketch made by the field man while at the station site is preferred.

Respectfully submitted
4 April 1956

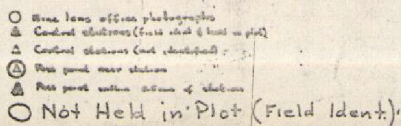
E. L. Williams
E. L. Williams
Carto. (Photo.)

LAYOUT SKETCH

A BETTER COPY OF THE
SKETCH IS INCLUDED
IN THE DESCRIPTIVE
REPORT FOR T-10391

T-10389 Wm. T-10392

T-10397, T-10398, T-10399, T-10404, T-11100
T-11427



X Lost

SCALE FACTOR

1 FT. = 3048006 METER	COMPUTED BY: H. R. Rudolph	DATE: 16 January 1956	CHECKED BY: A. Queen	DATE: 20 January 1956	COMM-DC-57843
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COMPILATION REPORT
T-10390, T-10391 and T-10392
(Incomplete)

The field inspection report submitted with T-10382-83-84 contains 1956 data for a part of survey T-10390.

The 1957 field inspection report for T-10391 and the balance of T-10390 is filed with the descriptive report for T-10385. The field inspection report for T-10392 is a part of this report (See page 7).

* REMOVED -
NOT APPLICABLE
FOR THIS SURVEY

The photogrammetric plot report covering these surveys will be found in the combined descriptive report for T-10382 through T-10384.

PLOT REPORT INCLUDED IN THIS REPORT.

31. DELINEATION

These manuscripts were delineated by graphic methods. In areas where the shoreline was obscured by shadows on relief displacement, the MHWL was shown with a broken line.

Manuscripts T-10390 and T-10391 are incomplete south of 5⁵° 58' 30" because some of the photographs containing 1957 field data were not received in the compilation office and are presumed lost. For the same reason, T-10392 is incomplete in Sarkar Cove and Salt Water Lagoon.

The areas for which no field inspection was available were delineated by stereoscopic examination of the office photographs and because of the lack of complete field data, these manuscripts are classified INCOMPLETE.

32. CONTROL

The identification, density and placement of horizontal control is adequate.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours: Inapplicable.
Drainage: No comment.

35. SHORELINE AND ALONGSHORE DETAILS

In Sarkar Lake, shoreline fixes obtained during the 1957 field season served to correct shoreline delineation in this area. About 6 of the 34 shoreline fixes had to be ignored because they fell obviously too far inland or out in the water.

Shadows, clouds, floating debris and relief displacement of trees caused much difficulty in delineating the shoreline of Sarkar Lake.

Foul lines and shallow lines were based on field inspection generally north of 56° 58' 30". Offshore areas of questionable interpretation where no field inspection was available were labeled "foul".

Because the photographs were exposed near high tide, very little foreshore ledge is shown on the manuscripts.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

There are no landmarks on these manuscripts.

Two aids to navigation, both triangulation stations established in 1953, are shown on T-10391. They are: HUB ROCK BEACON and BURNT ISLAND LIGHT.

No Form 567 was received in the compilation office for these aids.

38. CONTROL FOR FUTURE SURVEYS

Since hydrography is reportedly completed in the area of these surveys, item 49 is omitted. The following is a list of recoverable topographic stations and photo-hydro stations on the manuscripts:

<u>T-10390</u>	<u>T-10391</u>	<u>T-10392</u>
NOD (Photo-Hydro)	ACE (Photo-Hydro)	LAKE, 1957
TRIP, 1922 ✓	LOT, 1922	SALT, 1957
LOW, 1922 ✓	CHET, 1922	
LOUT, 1956 ✓	BOX, 1922	
ANDY, 1956 ✓	FAT, 1922	
	BOT, 1922	
	IF, 1922	
	GEE, 1922	
	LIK, 1922	
	MOL, 1922	

In addition, identification cards and Forms 524 have been furnished for the following stations (T-10391) which could not be delineated because the photographs on which they were identified are apparently lost:

BIG, 1922 - PIE, 1922 - RUB, 1922 - REEF, 1922
NOME, 1922 - PYRE, 1957

39. JUNCTIONS

Junctions have been made and are in agreement between the subject manuscripts as well as with the following adjoining surveys:

T-10389 to the west

T-10384 and T-10385 to the north

T-10399, T-11100, T-11100-A and T-11101 to the south

No contemporary survey to the north and east of T-10392.

No

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. - 45.

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with the U.S.G.S. Craig quadrangle, scale 1:250,000, edition of 1952.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Chart 8171, scale 1:40,000, edition of January 1956.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
17 February 1959

R. Glaser

R. Glaser
Carto. (Photo.)

Approved and Forwarded

William F. Deane
William F. Deane,
CDR C&GS
Baltimore District Officer

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-87 (Sumner Strait, Alaska)

T-10390

Brockman Pass

El Capitan Island

El Capitan Passage

Kosciusko Island

Marble Island

Marble Passage

Orr Island

San Island

Scott Island

Scow Island

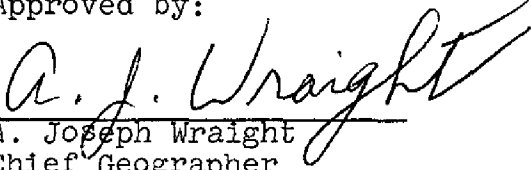
Singa Island

Spanberg Island

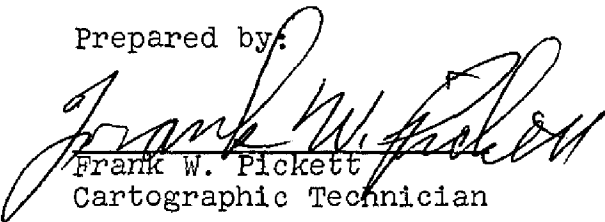
Tenass Pass

Tokeen Bay

Approved by:


A. Joseph Wraight
Chief Geographer

Prepared by:


Frank W. Pickett
Cartographic Technician

50.

PHOTOGRAMMETRIC OFFICE REVIEW

T-10390, T-10391 and T-10392

1. Projection and grids ☒ 2. Title ☒ 3. Manuscript numbers ☒ 4. Manuscript size ☒

CONTROL STATIONS

4a. Classification label ☒

5. Horizontal control stations of third-order or higher accuracy ☒ 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) ☒ 7. Photo hydro stations ☒ 8. Bench marks ☒ 9. Plotting of sextant fixes ☒ 10. Photogrammetric plot report ☒ 11. Detail points ☒

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline ☒ 13. Low-water line ☒ 14. Rocks, shoals, etc. ☒ 15. Bridges ☒ 16. Aids to navigation ☒ 17. Landmarks ☒ 18. Other alongshore physical features ☒ 19. Other along-shore cultural features ☒

PHYSICAL FEATURES

20. Water features ☒ 21. Natural ground cover ☒ 22. Planetable contours ☒ 23. Stereoscopic instrument contours ☒ 24. Contours in general ☒ 25. Spot elevations ☒ 26. Other physical features ☒

CULTURAL FEATURES

27. Roads ☒ 28. Buildings ☒ 29. Railroads ☒ 30. Other cultural features ☒

BOUNDARIES

31. Boundary lines ☒ 32. Public land lines ☒

MISCELLANEOUS

33. Geographic names ☒ 34. Junctions ☒ 35. Legibility of the manuscript ☒ 36. Discrepancy overlay ☒ 37. Descriptive Report ☒ 38. Field inspection photographs ☒ 39. Forms ☒

40. E. Glaser
Reviewer

Joseph Steinberg
Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

1956 & 1957 FIELD INSPECTION OR EDIT APPLIED BY COMPILER
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Compiler

Supervisor

43. Remarks:

REVIEW REPORT T-10390
SHORELINE
NOVEMBER 14, 1968

61. GENERAL STATEMENT:

See Summary accompanying the Descriptive Report.

There is no field edit report or field edit sheet for this survey. Field inspection was accomplished after compilation, and that part of the survey for which field inspection was available was then corrected in accordance with field inspection notes. See Summary and Compilation Report concerning incomplete part of survey.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Comparison was made with copies of registered surveys No. 2691, 1:20,000 scale made in 1904; No. 4052, 1:10,000 scale made in 1923 and No. 4053, 1:10,000 scale made in 1922-1923. After adjustment for the difference in datum the shoreline of these three surveys is only in fair agreement with the shoreline of T-10390. Survey T-10390 supersedes the three older surveys for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Comparison was made with USGS CRAIG (D-5), ALASKA 15 x 20 minute quadrangle, 1:63,360 scale, edition of 1951. The comparison was favorable, the USGS quadrangle is generalized because of its scale.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with copies of H-7987, ^{H-8287,} H-8290 and H-8391. Rocks appearing on these surveys that are not visible on the photographs are as follows:

H-8290

LATITUDELONGITUDE

55° 58' 36"	133° 23' 00"	(2 rocks)
55 58 37	133 23 27	
55 58 39	133 23 26	
55 58 51	133 22 53	
55 58 58	133 23 26	
55 58 58	133 24 39	
55 59 10	133 22 24	
55 59 12	133 22 21	
55 59 21	133 21 47	
55 59 29	133 23 41	
55 59 32	133 24 11	
55 59 36	133 22 19	
55 59 44	133 22 19	
55 59 51	133 23 34	

H-8289

LATITUDELONGITUDE

55° 57' 54"	133° 24' 32"	(2 rocks)
55 57 59	133 24 27	
55 58 07	133 24 00	
55 58 11	133 23 54	(2 rocks)
55 58 15	133 23 16	(3 rocks)
55 58 20	133 23 10	
55 58 23	133 23 09	
55 58 27	133 23 22	
55 58 22	133 24 07	
55 58 24	133 24 06	
55 58 24	133 23 58	

H-8391

LATITUDELONGITUDE

55° 56' 16"	133° 20' 44"	(2 rocks)
55 56 31	133 20 56	(2 Rocks)
55 56 32	133 21 19	
55 56 31	133 21 23	
55 56 28	133 21 31	
55 56 29	133 23 08	(2 rocks)
55 56 34	133 20 45	

55° 56' 35"	133° 20' 48"	
55 56 36	133 20 39	(2 rocks)
55 56 39	133 20 51	(2 rocks)
55 56 39	133 20 55	
55 56 46	133 20 17	
55 56 52	133 20 02	
55 57 06	133 20 16	(2 rocks)
55 57 12	133 20 16	(2 rocks)
55 57 05	133 20 49	
55 57 03	133 21 06	
55 56 42	133 21 08	
55 56 44	133 21 49	
55 57 38	133 21 05	
55 56 56	133 22 25	
55 56 58	133 22 39	
55 57 10	133 22 16	
55 57 11	133 22 21	
55 57 12	133 22 24	

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with chart 8171, 8th edition, June 10, 1968. Rocks at the following positions on the chart are not visible on the photographs:

<u>LATITUDE</u>	<u>LONGITUDE</u>
55° 56' 25"	133° 20' 45"
55 56 33	133 20 42
55 56 40	133 20 54
55 56 44	133 20 54
55 56 50	133 21 40
55 56 48	133 21 56
55 57 02	133 22 14
55 57 20	133 22 45
55 57 21	133 22 48
55 57 22	133 22 46
55 57 32	133 22 30
55 57 37	133 21 10
55 57 39	133 21 15
55 57 48	133 24 56
55 59 55	133 20 37
55 59 59	133 20 36

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This survey complies with instructions and meets the National Standards of Map Accuracy. * See below

Field photograph 41598 was the only one available at the time of final review.

Office photographs 41532 thru 41534, 41518 and 41596 thru 41598 were used during final review.

Approved by:

Howard S. Cole

Howard S. Cole, CAPT., USESSA
Director, Atlantic Marine Center

Reviewed by:

Leo F. Beugnet

Leo F. Beugnet

Approved by:

Everett W. Ramsey

Chief, Photogrammetric Branch *MB*

R. H. Houlton

Chief, Photogrammetry Division

Chief, Nautical Chart Division

* HORIZONTAL CONTROL FOR MAP COMPILATION WAS PROVIDED BY A PRELIMINARY RADIAL PLOT - ASSEMBLED IN APRIL 1956. THE PORTION OF THE PLOT COVERING THE SUBJECT MAP WAS CONSIDERED INADEQUATE - REFER TO PAGE 11, PARAGRAPH 4. NO SPECIFIC REFERENCES TO THE SUBJECT INADEQUACIES WERE MADE IN EITHER THE FIELD INSPECTION REPORTS (1956 AND 1957) OR THE COMPILATION REPORT; THE MAP, HOWEVER WAS USED IN SUPPORT OF CONTEMPORARY HYDROGRAPHY, AND NO DISCREPANCIES BETWEEN THE MAP AND THE HYDROGRAPHIC SURVEYS ARE MENTIONED UNDER HEADING 64, PAGE 21 - FINAL REVIEW REPORT.

J.M.B