10679

ORIGINAL

10679

FORM C&GS-504

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey SHORELINE

Field No. Office No. T-10679

LOCALITY

State ALASKA

General locality IPHIGENIA BAY

Locality CORA POINT

1955-60

CHIEF OF PARTY

E. W. Richards, Chief of Field Party
William F. Deane, Baltimore District Officer
Alfred C. Holmes, Director, A. M. C.

LIBRARY & ARCHIVES

DATE

FORM 181
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T -10738 and T-10679

Project No. (II): Ph-5702 Quadrangle Name (IV):

Field Office (II): C&GS Ship HODGSON Chief of Party: E. W. Richards

Photogrammetric Office (III): Baltimore, Maryland Officer-in-Charge: William F. Deane

Instructions dated (II) (III): 27 November 1957 Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Air Photographic (multiplex)

Manuscript Scale (III): 1:10,000 Stereoscopic Plotting Instrument Scale (III): 1:10,000

Scale Factor (III): 1.000

Date received in Washington Office (IV) FEB 27 1958 Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date: Date registered (IV):

Publication Scale (IV): Publication date (IV):

Geographic Datum (III): N.A. 1927 Vertical Datum (III):

Mean sea level 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): SPAN, 1923

Lat.: 55° 57' 50.561" Long.: 134° 06' 20.281" Adjusted ~~Unadjusted~~

Plane Coordinates (IV): State: Alaska Zone: 8

Y= X=

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.

COMM-DC-57842

FORM 181b
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

2

DESCRIPTIVE REPORT - DATA RECORD
(Horizontal Control Identification only)

Field Inspection by (II): E. W. Richards
J. P. Randall
M. D. Christensen)
Date: 1957

Planetable contouring by (II):
Date:

Completion Surveys by (II):
Date:

Mean High Water Location (III) (State date and method of location):
21 September 1955, Air-photographic (multiplex) (date of photography)

Projection and Grids ruled by (IV): J. B. Phillips
Date: 22 Nov. 1957

Projection and Grids checked by (IV): I. Y. Fitzgerald
Date: 22 Nov. 1957

Control plotted by (III): B. Kurs
Date: 11 Dec. 1957

Control checked by (III): J. C. Cregan
Date: 11 Dec. 1957

Radial Plot or Stereoscopic Control extension by (III): D. M. Brant
Date: 19 Dec. 1957

Stereoscopic Instrument compilation (III):
Planimetry D. M. Brant
Date: 20 Dec. 1957

[redacted]
Date:

Manuscript delineated by (III): Jos. D. McEvoy
Date: 6 Feb. 1958

Photogrammetric Office Review by (III): D. M. Brant
Date: 11 Feb. 1958

Elevations on Manuscript checked by (II) (III): ----
Date: ----

COMM-DC-57842

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): U.S.C. & G. S. Type W, 6" focal length

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
55-W-9397	9/21/55	1404	1:25,000	0.5' below MHW
55-W-9398	"	1405	"	" " "
55-W-9399	"	1406	"	" " "
55-W-9400	"	1407	"	" " "
55-W-9400A	"	1408	"	" " "
55-W-9309	"	1305	"	1.9' " "
55-W-9310	"	1305	"	" " "

Tide (III)
From Predicted Tables

Diurnal

	Ratio of Ranges	Mean Range	Spring Range
Reference Station: Sitka, Alaska	—	7.7	9.9
Subordinate Station: Port McArthur, Kuiu, I.	1.1	8.4	10.6
Subordinate Station:			

Atlantic Marine Center
Washington Office Review by (IV): C. H. Bishop Date: 11-19-71

Final Drafting by (IV): Date:

Drafting verified for reproduction by (IV): Date:

Proof Edit by (IV): Date:

Land Area (Sq. Statute Miles) (III): *
Shoreline (More than 200 meters to opposite shore) (III): **
Shoreline (Less than 200 meters to opposite shore) (III): --
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): 5 Recovered: 5 Identified: 5
Number of BMs searched for (II): Recovered: Identified:
Number of Recoverable Photo Stations established (III): None
Number of Temporary Photo Hydro Stations established (III): None

Remarks:

* T-10738 - 3
T-10679 - 4

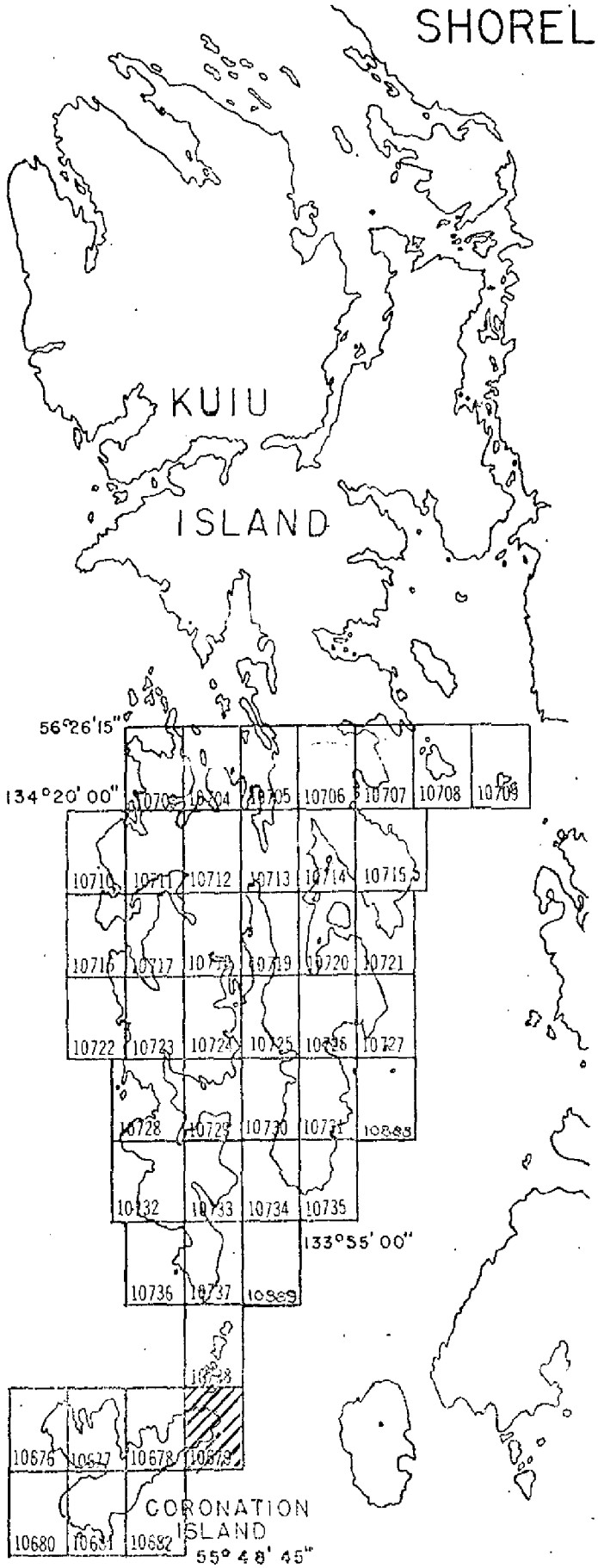
** T-10738 - 14
T-10679 - 15

COMPILATION RECORD	COMPILATION DATE	REMARKS
Alongshore area for hydrography	Feb. 1958	Superseded
Field edit applied at south end of Spanish Islands	Dec. 1961	
Final review	Nov. 1971	

SHORELINE MAPPING PROJECT

Ph-5702

CORONATION and KUIU ISLANDS, ALASKA



Official Mileage For Cost Accounts

Sheet No.	Area Sq. Mi.	Lin. Mi. Shoreline
10676	2	3.4
10677	8	11.1
10678	6	7.7
10679	3	6.0
10680	1	1.5
10681	8	7.7
10682	2	2.6
10703	10	11.5
10704	6	12.8
10705	9	11.9
10706	1¼	2.6
10707	¼	7.7
10708	2	9.4
10709	1	3.0
10710	5	6.8
10711	11	7.7
10712	¼	.9
10713	12	9.4
10714	5	8.5
10715	11	6.8
10716	4	5.1
10717	9	11.1
10718	13	6.0
10719	8	11.1
10720	9	8.5
10721	¼	8.5
10722	2	4.3
10723	1¼	3.5
10724	11	10.2
10725	8	7.7
10726	11	4.3
10727	3	4.5
10728	10	14.5
10729	6	11.9
10730	5	4.3
10731	10	6.0
10732	10	6.0
10733	9	5.1
10734	3¼	3.4
10735	¼	4.[illegible]
10736	1	4.[illegible]
10737	6	8.[illegible]
10738	¼	6.8
TOTAL	295	298.8

SUMMARY

DESCRIPTIVE REPORT T-10679

This shoreline manuscript, scale 1:10,000, is one of 45 maps planned for Project PH-5702, which includes the south half of Kuiu Island, Spanish Islands, and Coronation Island, in Southeast Alaska. Only 33 maps were compiled. T-10679 includes the south end of the Spanish Islands and the east end of Coronation Island.

Bridging was by Multiplex, using single-lens photography taken near high water on September 21, 1955. The bridge was run between field identified horizontal control points. Detail points were dropped directly to the plastic sheets and compilation was done graphically, without the benefit of field inspection. Classification of this map is INCOMPLETE.

This map was partially field edited during hydrographic operations. The shore of Coronation Island from the vicinity of Cora Point southwestward to long. 134°10' was edited in 1960; see Field Edit Report, Iphigenia Bay, Entrance to Sumner Strait, bound with this Descriptive Report. The south end of the Spanish Islands was edited in conjunction with hydrography in the summer of 1961. No report is available.

Final review was done at the Atlantic Marine Center in November 1971.

The compilation manuscript was an acetate sheet 3 minutes 45 seconds in latitude by 5 minutes in longitude.

A cronaflex copy of the final reviewed manuscript and a negative have been forwarded for record and registry.

PHOTOGRAMMETRIC PLOT REPORT
Project Ph-5702

Field Inspection Report - None submitted. Report on horizontal control attached.

21. AREA COVERED

T-10738, T-10676, T-10677, T-10678, T-10679, T-10680, T-10681 and T-10682.

22. METHOD

Multiplex bridges were run between horizontal control points as shown on Sketch of Control attached. The 1:10,000 scale projections on plastic were used directly under the multiplex bar and detail points plotted for subsequent delineation, using ratio prints. It was endeavored to obtain a consistent set of points for this purpose and also for use by the hydrographer. In comparing shoreline points in overlapping flights, it was noted that identical points were very difficult to identify.

23. ADEQUACY OF CONTROL

Identification of horizontal control on the Spanish Islands was adequate. Identified control on Coronation Island is sparse. Three points, namely, LAST, 1922; HELM, 1922 and AATS, 1922 are poorly located with respect to the photography. As noted in correspondence, attached, between the Director and Chief of Party (field), the geographic position of TOP-, 1922 was in considerable error. No other control point in the area was provided. All other horizontal control points, where visible, were held within a probable error of 0.5 mm. Many of the points were not distinct enough to be pin-pointed. The field inspection party's choice of well-defined points was limited. Control is adequate for an allowable error of between 0.5 mm. and 1.0 mm.

The field party furnished two Sub. Pts. for most of the stations identified by this method. This was helpful as often only one point was discernible in the models. The following points were either not visible or identification was very doubtful:

WIT, 1922 - Sub. Pt. 1 - Not visible.
WIND, 1922 - Sub. Pt. 1 - Not visible.
TRE, 1922 - Sub. Pt. 2 - Not visible.
POLE, 1922 - Sub. Pt. 2 - Doubtful.
NO, 1922 - Sub. Pt. B - Doubtful.

Two points, ISLE, 1922 and CORONATION ISLAND HIGHEST PEAK, 1916 2343 identified on the photographs with the notations "probable location".

They appeared to hold very well. In addition, office identification from published descriptions was attempted for several other points. Of these the following appeared reasonable with regard to our bridging solutions:

HI, 1922
END, 1922
PIN, 1922

24. SUPPLEMENTAL DATA

None.

25. PHOTOGRAPHY

Coverage and overlap of photography was adequate. Diapositives were good.

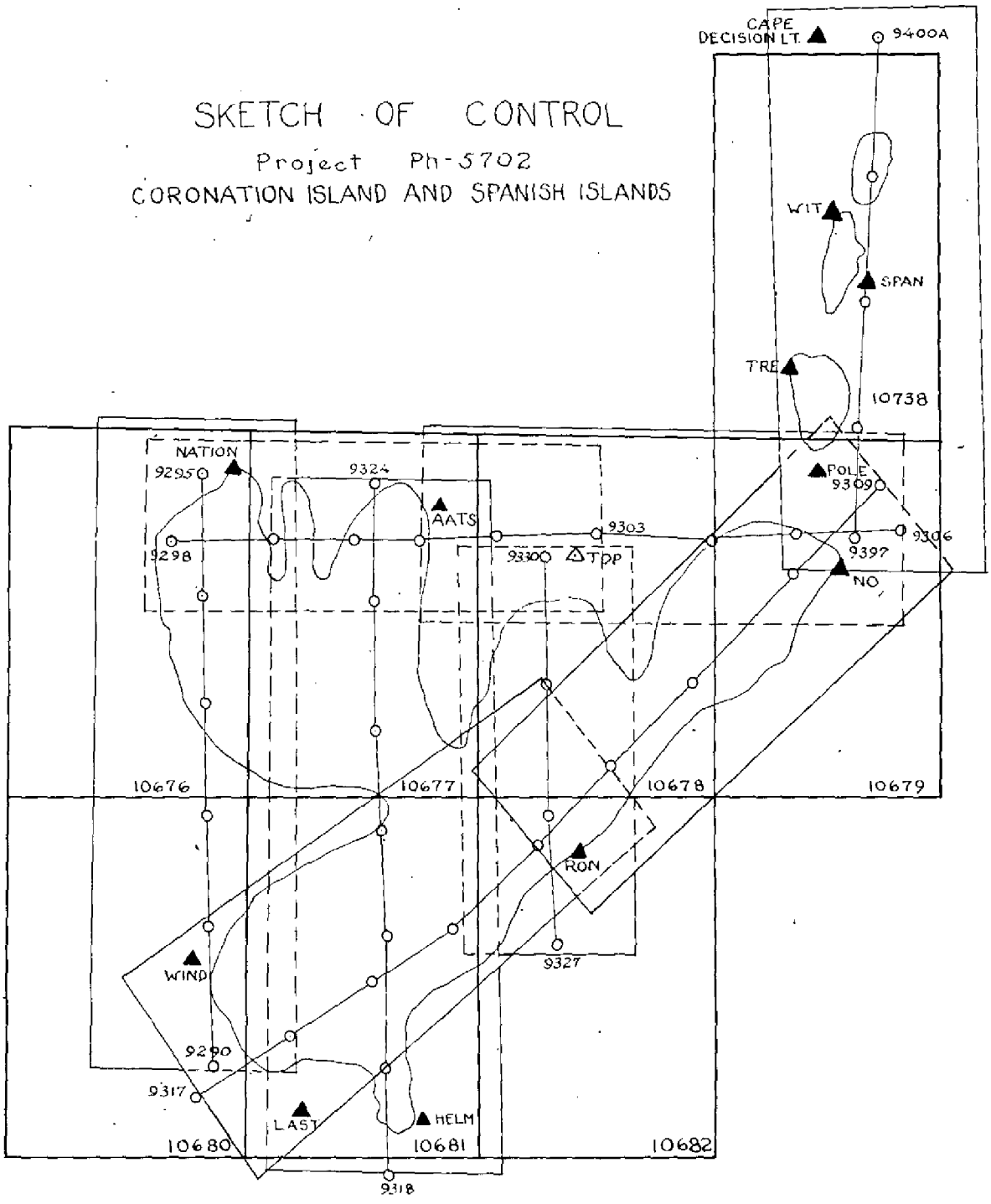
Respectfully submitted
3 February 1958

Henry P. Eichert
Super. Carto. (Photo.)

SKETCH OF CONTROL

Project Ph-5702

CORONATION ISLAND AND SPANISH ISLANDS



LEGEND

▲ Identified and held

△ Identified and not held

HORIZONTAL CONTROL

Only control station identification was attempted on the Spanish Islands and Coronation Island. Receipt of instructions and field data for this project was received so late in the season that landing conditions were not ideal and in some cases impractical to attempt. The stations were visited on different dates until it was apparent that it was uneconomical to continue offshore operations at an expense to our inshore hydrography which still had a few holidays.

A total of 13 stations of the 15 requested were inspected. The discrepancy in position of station TOP was not resolved in the field as mentioned in the Director's letter of 20 Sept. 1957, File No. 731-lfs due to unfavorable weather. Possibly a position for the unstamped disk can be obtained from records of the previous hydrographic survey in 1922-23.

Control Identification By

E. W. Richards

J. P. Randall

M. D. Christensen

Approved and forwarded:

E. W. Richards,
LCDR, C&GS
Comdg., Ship HODGSON

TP

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

POST-OFFICE ADDRESS: Ship HODGSON, Edna Bay, Alaska

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

SEP 15 AM

COAST & GEODETIC SURVEY

11 Sept. 1957

To: The Director
Coast and Geodetic Survey
Washington 25, D. C.

Att.: Chief, Photogrammetry Division

Subject: Instructions - Project PH-87.

There appears to be a discrepancy in the G. P. of station TOP 1922 on Coronation Island which was to have been photo-identified before the completion of this season.

An unstamped hydrographic disk was found on the point In Lat. 55° 54.5, Long. 134° 13.5 W. and fits the description for the station. However, the G. P. Plots on a rock which is awash only at low water. A check of the records in your office may clear up this difference.

Identification of horizontal control is progressing as rapidly as weather and landing conditions permit, which is difficult on the open coast at this time of the year. To date, all of the identification is complete on Kuiu Island, Spanish Islands, and on the northern portion of Coronation Island.

E. W. Richards,
LCDR, C&GS
Comdg., Ship HODGSON

12

731-lfs

20 September 1957

To: LCDR E. W. Richards
USC&GS Ship HODGSON
Edna Bay, Alaska

Subject: Station TOP 1922, Project PH-~~67~~ 5302

An observation was found in the 1922 records from station CORA to TOP. Using this observation and the one from AATS, a new position for TOP was computed, but it plots (Lat. 55-54-28.68, Long. 134-12-10.51) at the northeast end and not at the northwest end of the point as noted in your letter of 11 September.

The angles CHAN and CORA in the triangle TOP-CHAN-CORA sum to 135°, indicating one of the directions is in error. Since the discrepancy in positions cannot be resolved here, station TOP should be rejected, unless you can determine a new position for it. If the station is not re-located, please substitute station CHAN for photo-identification.

(Signed) Charles Pierce

Assistant Director

cc: Seattle District Officer
60

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT
CONTROL RECORD

MAP T- 10679 PROJECT NO. Ph-5702 SCALE OF MAP 1:10,000 SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE			DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD	(BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)
			°	'	"							
POLE, 1922	G-609 p. 338	N.A. 1927	55	55	49.66	1535.9	(319.8)					
			134	07	53.22	924.1	(117.7)					
NO, 1922-23	G-609 p. 205	"	55	54	49.965	1545.3	(310.4)					
			134	06	53.141	923.1	(119.1)					
Sub. Sta. "A" NO, 1922-23		"	55	54		1542.3	(313.4)					
			134	06		942.7	(99.5)					
Sub. Sta "B" NO, 1922-23		"	55	54		1561.9	(293.8)					
			134	06		911.4	(130.8)					
Sub. Sta. 1 POLE, 1922		"	55	55		1521.2	(334.5)					
			134	07		932.7	(109.1)					
Sub. Sta. 2 POLE, 1922		"	55	55		1532.5	(323.2)					
			134	07		931.3	(110.5)					
END, 1922-23	G-609 p. 206	"	55	54	07.340	227.0	(1628.7)					
			134	07	08.235	143.1	(899.5)					

1 FT. = .3048006 METER

COMPUTED BY: Henry P. Eichert DATE 12/3/57 CHECKED BY: B. Kurs DATE 12/3/57

COMM-DC-57843

COMPILATION REPORT
(Preliminary)
T-10738 & T-10679

31. DELINEATION

Shoreline and all details were delineated by graphic methods using detail points established by the multiplex bridging. 1:10,000 ratio points were ordered to scale for this purpose and for subsequent use by the hydrographer.

32. CONTROL

Refer to Photogrammetric Plot Report bound with this report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Inapplicable.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline and details were delineated from office inspection without benefit of field inspection. Hence it is classified in the category "incomplete". Many offshore rocks and small islands were delineated by office interpretation. Other areas that may be rocks, ledge or kelp have been enclosed with a broken line and labeled foul. Some shoreline obscured by shadow, or overhang was delineated with the approximate shoreline symbol.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS

There were no Recoverable Topographic points established. Detail points established along the shoreline will aid the hydrographic party in locating photo-hydro signals.

39. JUNCTIONS

Junction was made to the south of T-10738 with T-10679 and to the west of T-10679 with T-10678. There are no other junctions to be made.

40. HORIZONTAL AND VERTICAL ACCURACY

Refer to Photogrammetric Plot Report, item 23, attached.

41. through 45.

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

None available.

47. COMPARISON WITH NAUTICAL CHARTS

Chart No. 8173, scale 1:40,000, published March 1939, 2nd edition, 10/22/51.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
5 February 1958

Henry P. Eichert
Super. Carto. (Photo.)

Approved and forwarded
Joseph Steinberg
For
William F. Deane
CDR C&GS
Baltimore District Officer

October 26, 1971

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-5702 (Alaska)

T-10679

Christian Sound

Cora Point

Coronation Island

Iphigenia Bay

Shrub Islet

Spanish Islands

Approved by:

A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Cartographic Technician

49. NOTES FOR THE HYDROGRAPHER

A set of ratio prints at a scale of 1:10,000 has been prepared. Detail points along the shoreline have been established for use in locating hydrographic signal sites. They have been shown on the photographs.

Form T-2

PHOTOGRAMMETRIC OFFICE REVIEW

T-10679

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

CONTROL STATIONS

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 alongshore 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. Donald M. Pentz — Reviewer

Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

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.

B. Wilson 12-7-61 — Compiler

R. Glaser 1-11-62 — Supervisor

43. Remarks:

M-2623-12

FIELD EDIT

FOR

IPHIGENIA BAY, INTRANCE TO SUMNER STRAIT

SOUTHEAST ALASKA

INCOMPLETE MANUSCRIPTS 1960

T-10681	T-10682
T-10678	T-10679
T-10393	T-10400

2. FIELD INSPECTION

Field inspection of the above tabulated Incomplete Manuscripts was done in conjunction with the location of hydrographic signals. The field edit was completed as follows: T-10681, from Helm Point along the coast of Coronation Island to Lat.55°50'48", Long.134°15'00"; T-10682, completed; T-10678, southeast coast of Coronation Island from Lat.55°52'30", Long. 134°12'11" to Lat.55°53'32", Long.134°10'00"; T-10679, from Lat. 55°53'32", Long.134°10'00" to the south end of the Spanish Is.; T-10400, from Warren Cove south around the south end of Warren Island then northward to Lat.55°52'30", Long.133°55'38"; T-10393, from Lat.55°52'30", Long.133°55'38" northward along the west coast of Warren Island to Point Borlase. This work was done in accordance with revised instructions for OPR-347 dated 28 January 1960, ammended 5 February 1960.

The shoreline of both Warren and Coronation Island is very irregular with many small bights and off-lying rocks. The beach, for the most part, consists of exposed bedrock in the form of high bluffs and ledges. In areas where the predominent bluffs receed and a lesser foreshore gradient occurs the beach consists of coarse, boulder strewn gravel. The only sand beaches encountered were at the heads of Warren Cove, T-10400, the cove just north of Helm Point and the small inlet on sheet T-10393 at Lat.55°53; Long.133°56".

The beach line is exceedingly rough and impossible to walk. Therefore, all inspection was done from a skiff and landings were made only to locate hydrographic signals. The HWL as shown on the manuscripts is complete and adequate and the only correction suggested is referred to in part 7 of this report.

Density and tone of the land was not inspected. Field edit was confined to the shore and along shore features.

Photographic coverage for manuscripts T-10681, 82, 78, 79 was provided with single lens prints at the scale of 1:10,000. Print resolution was generally good. However, in areas of extremely high cliffs the shoreline was obscured. Some difficulty was encountered due to the fact that the photographs were taken some five years previous. Coverage for manuscripts T-10393 and T-10400 was provided with nine lens prints at the

scale of 1:10,000. Print resolution was good and little difficulty was experienced either in field edit or hydrographic signal location.

3. HORIZONTAL CONTROL

Horizontal control recovered as follows:

T-10393
Borlase,1922

T-10400
Cove,1903
King,1904
So, 1922
West,1915-16

T-10681
Helm,1922

T-10682
Ron,1922

T-10678
None

T-10679
End,1922
No ,1922

4. VERTICAL CONTROL

Inapplicable

5. CONTOURS AND DRAINAGE

No contouring was checked on any of the manuscripts. One small stream was noted on T-10400. The stream is just north of the southwest point of Warren Island. It flows from east to west and empties into Sumner Strait. The stream is shown in red on an 8x10 paper section of the applicable manuscript. The stream shows well on photograph 41302.

6. WOODLAND COVER

The area is heavily wooded being covered with conifers, mostly spruce with some cedar. The treesnextend from the HWL.

7. SHORELINE AND ALONGSHORE FEATURES

These features were inspected as hydrographic signals were located. As stated previously,the work was accomplished from a small boat. The shoreline shown on the manuscripts was found to be quite accurate. The character of the beach was noted and the information was given to the hydrographer to be placed on the boat sheet.

The section of beach just north of Helm Point was inspected and the approximate high waterline was located by sextant fixes at various points along said shoreline. The shoreline as determined by this method is shown on a paper section of T-10681. The same section of beach shows best on photo 9319.

The trapper's cabin on the east shore of Warren Island south of Warren Cove is in a state of disrepair and appears

to be abandoned.

8. OFFSHORE FEATURES

No offshore features were located by photogrammetric methods. Rocks and other dangers to navigation indicated on the manuscripts were either verifird or deleated by the hydrographer.

9. LANDMARKS AND AIDS

There is one fixed aid to navigation in the area. It is: Helm Point Light

10. TABULATION OF APPLICABLE PHOTOGRAPHS:

Incomplete Manuscripts T-10393 & T-10400	
41298	41304
41299	41305
41300	41306
41301	41307
41302	41308
41303	41309
	41310

Incomplete Manuscripts T-10681,T-10682,T-10678,T-10679	
21-9-55-W-9304	21-9-55-W-9315
-9309	-9316
-9310	-9319
-9311	-9320
-9312	-9321
-9313	-9328
-9314	-9329
	-9397

No field inspection was completed on areas where hydrography was not done.

Respectfully submitted
James H. Blumer
Ensign, C&GS

Approved and forwarded:
for Miller J. Tonkel
CDR, C&GS

REVIEW REPORT T-10679

SHORELINE

November 19, 1971

61. GENERAL STATEMENT:

See Summary on page 6 of this Descriptive Report.

An ozalid comparison print, pages 23 through 26, with differences noted in Items 62 through 65, is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with Survey No. 4054, scale 1:20,000, dated 1923. Differences between this survey and T-10679 are shown in blue on the comparison print.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with U.S.G.S. Quadrangle CRAIG (D-7 and D-8), ALASKA, scale 1:63,360, dated 1948. Significant differences between this map and T-10679 are noted in brown on the comparison print.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with copies of unverified smooth sheets of Survey H-8112, scale 1:20,000, dated 1960 and Survey H-8604, scale 1:20,000, dated 1961. Differences between these surveys and T-10679 are shown in purple on the comparison print. No differences were noted in shoreline as T-10679 is one of the base maps for shoreline for the hydrographic survey.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 8173, scale 1:40,000, 5th edition, dated August 30, 1969. Significant differences are noted on the comparison print. Several charted rocks were not visible on the photographs and were not compiled on T-10679.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This INCOMPLETE survey complies with Job Instructions and Bureau requirements. Control was adequate for mapping with a probable error between 0.5mm and 1.0mm . No accuracy tests were run in the field.

Reviewed by:

Charles H. Bishop

Charles H. Bishop
Cartographer
November 19, 1971

Approved for forwarding:

Melvin J. Umbach, CDR, NOAA
Chief, Photogrammetry Division, AMC

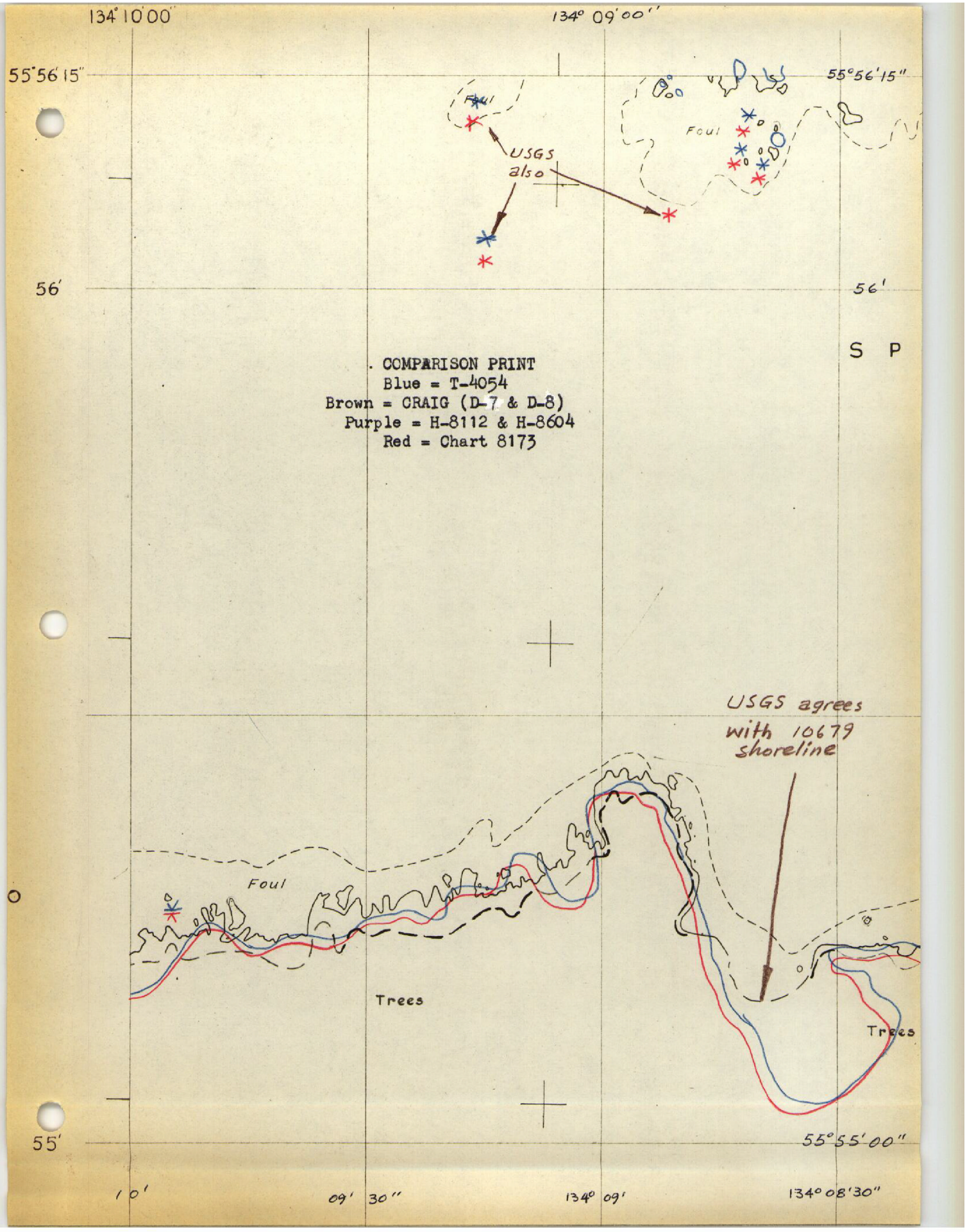
Approved:

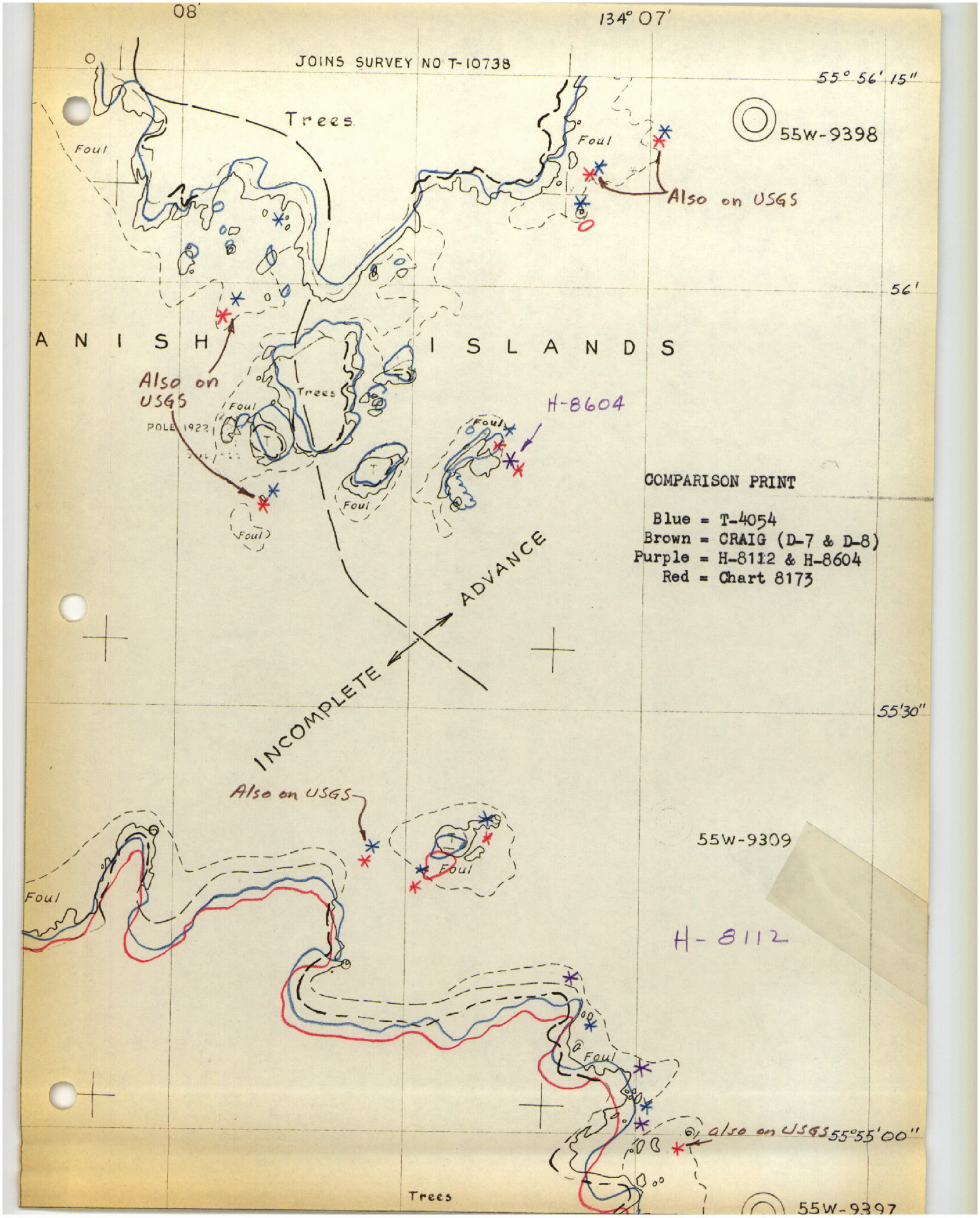
Alfred C. Holmes, RADM, NOAA
Director, Atlantic Marine Center

Approved:

Chief, Photogrammetric Branch, PMB

Chief, Coastal Mapping Division


134° 10' 00"
134° 09' 00"
55° 56' 15"
55° 56' 15"
Foul
USGS also
Foul
56'
56'
S P
. COMPARISON PRINT
Blue = T-4054
Brown = CRAIG (D-7 & D-8)
Purple = H-8112 & H-8604
Red = Chart 8173
USGS agrees with 10679 shoreline
Foul
Trees
Trees
55'
55° 55' 00"
10'
09' 30"
134° 09'
134° 08' 30"


08'
134° 07'
JOINS SURVEY NO T-10738
55° 56' 15"
Trees
Foul
55W-9398
Also on USGS
56'
A N I S H I S L A N D S
Also on USGS
POLE 1922
Trees
Foul
H-8604
COMPARISON PRINT
Blue = T-4054
Brown = CRAIG (D-7 & D-8)
Purple = H-8112 & H-8604
Red = Chart 8173
ADVANCE
INCOMPLETE
55'30"
Also on USGS
55W-9309
H-8112
Foul
Foul
Foul
also on USGS 55°55'00"
Trees
55W-9397

09'30"

134°09'00"

Trees

C O R O N A

I S L A N

54'30"

COMPARISON PRINT

Blue = T-4054
Brown = CRAIG (D-7 & D-8)
Purple = H-8112 & H-8604
Red = Chart 8173

JOINS SURVEY NO T-10678

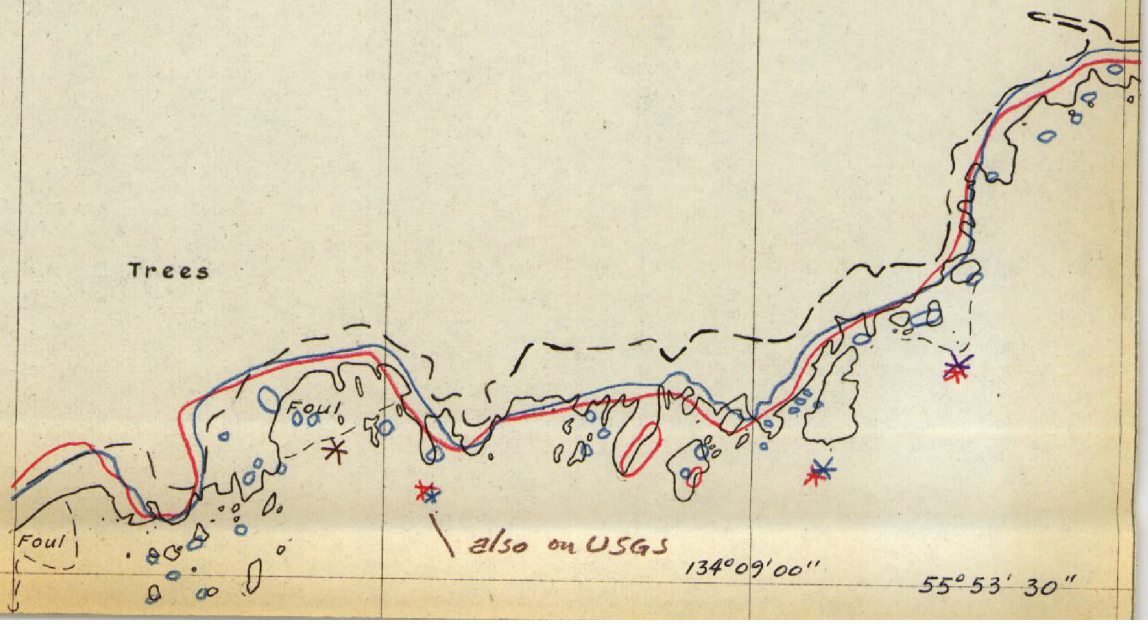
Trees

54'

54'

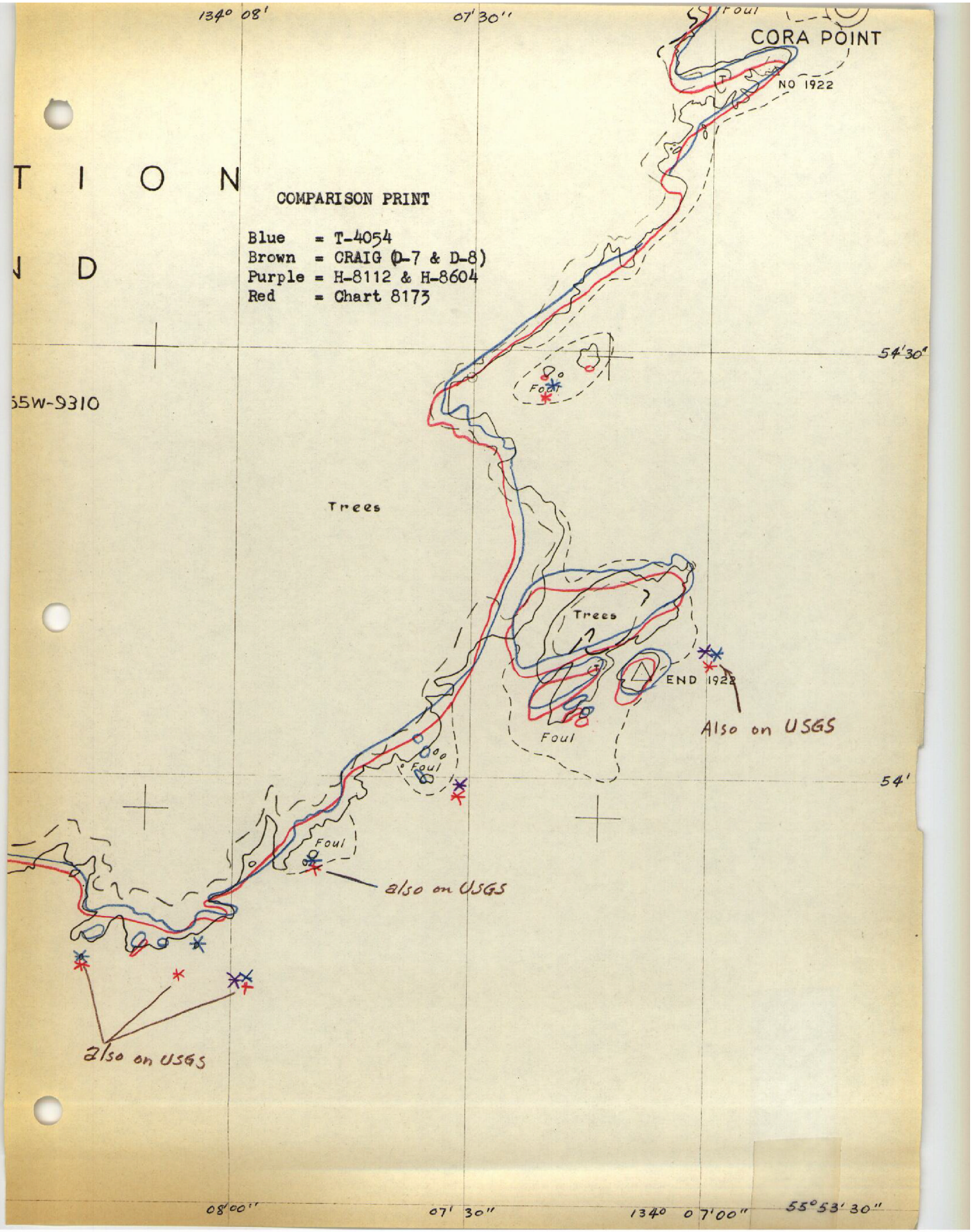
Trees

Trees



134°09'00"

55°53'30"


134° 08'
07' 30"
CORA POINT
NO 1922
COMPARISON PRINT
Blue = T-4054
Brown = CRAIG (D-7 & D-8)
Purple = H-8112 & H-8604
Red = Chart 8173
54' 30"
Foul
Trees
Trees
END 1922
Foul
Also on USGS
54'
Foul
Foul
also on USGS
also on USGS
08' 00"
07' 30"
134° 07' 00"
55° 53' 30"