

10403

ORIGINAL

10403

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	Shoreline (Photogrammetric)
Field No. Ph-87	Office No. T-10403
LOCALITY	
State	Southeastern Alaska
General locality	Davidson Inlet
Locality	Gas Rock
1953-1957	
CHIEF OF PARTY	
E. W. Richards, Chief of Field Party	
W. F. Deane, Baltimore District Officer	
LIBRARY & ARCHIVES	
DATE	

USCOMM-DC 5087

DESCRIPTIVE REPORT - DATA RECORD

T-10403

Project No. (II): Ph-87

Quadrangle Name (IV):

Field Office (II): CGS Ship Hodgson

Chief of Party: R. A. Earle - 1956

E. W. Richards - 1957

Photogrammetric Office (III): Baltimore, Md.

Officer-in-Charge: William F. Deane

Instructions dated (II) (III):

Field: 25 Jan. 1955
21 Nov. 1956

Office: 7 Nov. 1955
13 Nov. 1956
23 Nov. 1956
30 Oct. 1957

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): 1.000

Date received in Washington Office (IV):

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): MHW

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): FLAT, 1904

Lat.: 55° 55' 13.114" (405.6m)

Long.:

133° 33' 10.119" (176.1m)

Adjusted

~~133° 33' 10.119"~~

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.

DESCRIPTIVE REPORT - DATA RECORD

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Field Inspection by (II): **J. P. Randall** (Control operations) 1956
L. D. Thurman }
M. D. Christensen } INSPECTION & CONTROL
J. P. Randall } OPERATIONS
Date: **Aug.-Sept. 1957**

Planetable contouring by (II): Date:

Completion Surveys by (II): **SAME AS 1957 OPERATIONS LISTED ABOVE** Date:

Mean High Water Location (III) (State date and method of location): **1955 Photographs -**
Office interpretation - Field inspection, 1957

Projection and Grids ruled by (IV): **A. Riley** Date: **11/9/55**

Projection and Grids checked by (IV): **A. Riley** Date: **11/9/55**

Control plotted by (III): **F. M. Wisiecki** Date: **12/8/55**
E. L. Williams **2/13/57**

Control checked by (III): **A. Queen** Date: **12/14/55**
L. A. Senasack **2/18/57**

Radial Plot ~~of Stereoscopic~~ Date: **3/14/57**
~~Stereoscopic~~ by (III): **L. A. Senasack**

Planimetry Date:
Stereoscopic Instrument compilation (III):
Contours Date:

Manuscript delineated by (III): **J. Honick** Date: **11/18/57**

Photogrammetric Office Review by (III): **R. Glaser** Date: **11/21/57**

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

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): USC&GS Nine-lens

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
52001	8/22/55	0915	1:10,000	1.4' above MLLW
52002	"	"	"	1.4' " "
52035	"	0936	"	1.2' " "

Tide (III)

From Predicted Tide Tables

Reference Station: Sitka, Alaska
Subordinate Station: Port Alice, Heceta Island
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
	7.7	9.9
1.1	8.7	10.8

Washington Office Review by (IV): *Leo F. Baggett, Atlantic Marine Center* Date: *March 1969*

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): 7

Shoreline (Less than 200 meters to opposite shore) (III):

Control Levelling - Miles (II):

Number of Triangulation Stations searched for (II): 2

Recovered: 2

Identified: 2

Number of BMs searched for (II):

Recovered:

Identified:

Number of Recoverable Photo Stations established (III): 1

Number of Temporary Photo Hydro Stations established (III): None.

Remarks:

T-10403

COMPILATION RECORD	COMPLETION DATE	REMARKS
Compiled "INCOMPLETE."	1957	Superseded
Compiled "ADVANCE"	Nov. 1957	Superseded
Final Review	Mar. 1969	

SHORELINE MAPPING PROJECT

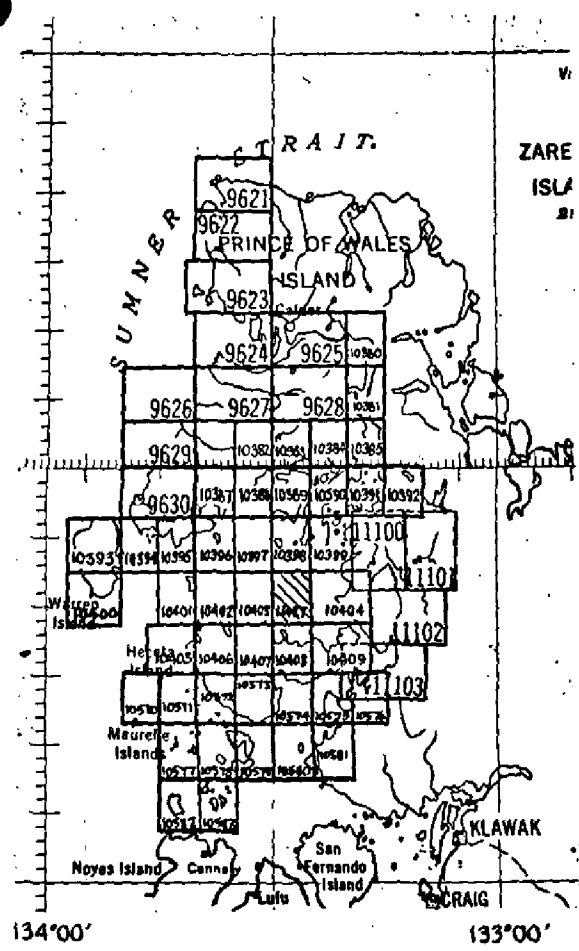
Prince of Wales Island, Alaska

5

6°30'

6°00'

55°30'



Project Ph-87 Official Mileage for Cost Accounts

Sheet No.	Area Sq.Mi.	Lin. Mi. Shoreline
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-10403

Shoreline survey T-10403 is one of 58 similar surveys in project PH-87. It covers a part of the north shore of Heceta Island in the vicinity of Gas Rock. The primary purpose of the survey was to furnish new shoreline for nautical charts and photo-hydro support data for hydrographic surveys.

This survey was originally compiled as a preliminary manuscript. After field identification of horizontal control and field inspection, the radial plot was adjusted and the manuscript corrected from field inspection notes. The manuscript was then classified as advance.

Compilation was at 1:10,000 scale by graphic methods using the nine-lens photography of August 1955. A cronaflex copy of the manuscript along with a blueline tracing, ozalids and specially prepared photographs were subsequently furnished for preparation of the boat sheet, field edit and photo-hydro support.

The manuscript was a vinylite sheet 3 3/4 minutes in latitude by 5 minutes in longitude which was smooth drafted and reproduced on cronaflex. One cronaflex positive and one negative are forwarded for record and registry.

FIELD INSPECTION REPORT

HECETA ISLAND AND SOUTHWEST TUXEKAN ISLAND

NO OTHER SECTIONS APPLICABLE.

3. HORIZONTAL CONTROL:

All triangulation stations on Manuscripts 10402, 10403 and 10405 thru 10409, and also in those areas on the south side of Heceta Island not covered by manuscripts, for which photographic identification was required, were recovered and pricked on photographs.

Stations identified were as follows:

HEN 1904	SURF 1903	LOST 1907
OWL 1904	BAY 1903	SILLA 1914
COON 1904	LYNCH 1907	SKIP 1914
TIP 1904	GULL ROCK 1903-21	NAPUL 1914
SHIPE 1904	MIKE 1907	SPIKE 1914
GRASS 1903	EMERALD 1907-22	SWIFT 1914
PINE 1903	WHITE CLIFF 1907-22	QUINCE 1914

14. SUPPLEMENTAL DATA:

Forwarded to the Director:

1. Control Station Identification Cards - forwarded via transmitting letter HDG 56-7 (4 Aug.) and HDG-56-13 (16 Oct.).
2. Nine Lens Office and Field Photographs - forwarded 29 Sept. via transmitting letter HDG-56-10.
3. Blue-line Tracings and Blackline Impressions - forwarded 16 Oct. via transmitting letter HDG-56-13.

Respectfully submitted,

James P. Randall
James P. Randall,
Lt.(jg), USC&GS

Approved and forwarded:

Robert A. Earle
Robert A. Earle,
CDR, USC&GS
Comdg., Ship HODGSON

1950

MANUSCRIPTS T-10402 THRU 10409 AND T-11103

1957

2. AREAL FIELD INSPECTION

Sea Otter Sound and Karheen Passage are used principally by fishermen, logging companies and freight boats.

Rock outcroppings are metamorphic limestone and shale and are covered by a black scale at and above mean high water for a vertical span of from 2 to 4 feet.

Within the limits of this survey there are a number of cultural features.

On the north shore of Heceta Island at the extreme southern end of Sea Otter Sound, Lat. $55^{\circ} 57' 00''$, Long. $133^{\circ} 21' 36''$, there are four unoccupied buildings. There are four buildings still standing at Karheen, 800 meters south of station FLORA 1904-56 there is an abandoned fish trapper's cabin. A trapper's cabin can be found 500 meters south of station BARK 1904-57 and another is located at Lat. $55^{\circ} 46' 15''$, Long. $133^{\circ} 20' 15''$.

Three operating logging camps fall within or near the limits of this survey. Two of the camps show on the photographs, the third is a small gyppo outfit that has been logging in Port Alice. The camp is located on floats at the very head of Port Alice but the logging is being done just south and behind station PINE 1904-57.

The ruin of a barge is located in the long narrow gut immediately north of Karheen.

Densities and tones were not inspected inshore of the storm high water line.

Shoal and kelp areas were noted, where discernible, on the photographs.

3. HORIZONTAL CONTROL

- (a) Station PINE 1903-57, being in error in 1956, was reidentified and a Control Station Identification Card submitted.
- (b) Stations HEN, 1904-56 and COON 1904-56 were not reidentified.
- (c) Stations MARS 1914-52, STEAD 1952, QUINCE 1914 and WAR 1914 were reidentified and Control Station Identification Cards were submitted.
- (d) PEEP ROCK LIGHT 1957, CHAPIN ISLAND RANGE FRONT DAYBEACON 1957 and CHAPIN ISLAND RANGE REAR DAYBEACON 1957 were located by 3rd order triangulation.

4. VERTICAL CONTROL

Inapplicable.

5. CONTOURS AND DRAINAGE

Contours - inapplicable.

Within the limits of this survey there are a number of small streams, none of major importance.

6. WOODLAND COVER

All land areas not covered by storm high water are densely forested with the exception of muskegs, logged areas and the higher mountains.

Conifers - hemlocks, spruce and cedars, comprise the major portions of the cover, with the cedars favoring the low wet areas.

Many small logging operations have been conducted in this area and though they span a number of years all are well defined.

Scattered patches of alder and crabapple can be found along the beaches, and show as a dark globular mass against the lighter conifers.

7. SHORELINE AND ALONGSHORE FEATURES

The shoreline was inspected from the beach at all photo-hydro signals locations and from the boat in all other areas.

(a) The office interpretation of the mean high water line was, in general, quite accurate, even in the heavily shadowed areas. In all the large areas of shadowed shoreline, the mean high water line was located by sextant angles taken to photo-hydro signals. The angles were recorded on the back of the photographs. In smaller areas the shoreline was readily discernable and was delineated directly on the photographs.

(b) The low water line corresponds closely with the darker color tone at the offshore edge of alongshore and offshore features.

(c) The foreshore consists of rock outcrops and boulders, with the exception of deltaic muds, sands, and gravels, at the mouths of the larger streams.

(d) There are no noteworthy bluffs or cliffs.

8. OFFSHORE FEATURES

All offshore features were visited. All shoal and foul areas were indicated on the photographs.

Visible rocks were indicated and their heights or depths, time and dates were noted.

All rocks not visible on the photographs were located by sextant angles to photo-hydro signals. The fixes were recorded on the back of the photographs along with the heights or depths, time, and date.

9. LANDMARKS AND AIDS

There are six (6) floating aids to and four (4) fixed aids to navigation located within the limits of this survey. They are:

Karheen Passage Daybeacon
Point Swift Shoal Buoy 2
Karheen Passage Buoy 1
Karheen Passage Buoy 2A
Ham Island Reef Buoy 3
Chapin Island Range Front Daybeacon
Chapin Island Range Rear Daybeacon
Cob Island Reef Buoy 4
Karheen Reef Buoy 6
Peep Rock Light

Landmarks - none.

10. BOUNDARIES, MONUMENTS

Inapplicable.

11. OTHER CONTROL

None.

12. OTHER INTERIOR FEATURES

Not applicable.

13. GEOGRAPHIC NAMES

Geographic names will be covered in a separate report.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

(a) Forwarded to the Director:

1. Tidal Data, Karheen Tide Gage, via transmitting letter, 3 Aug. 1957 and 14 Oct. 1957.
2. Tidal Data, Port Alice Tide Gage, via transmitting letter, 14 Oct. 1957.
3. 9 Lens Field and Office Photographs, Scale 1/10,000, via transmitting letter 15 Oct. 1957.
4. Single Lens Field Photographs, via transmitting letter, 15 Oct. 1957.
5. Boat Sheets HO-1457, and HO-1557, via transmitting letter, 10 Oct. 1957.
6. Boat Sheet, HO-1657 via transmitting letter 16 Oct. 1957

(b) Forwarded with this report:

1. Control Station Identification Card
2. Nine Lens Field and Office Photographs, Scale 1/10,000

(c) To be forwarded to the Director:

1. Description of Triangulation Stations.
2. Geographic Names Report
3. Coast Pilot Notes

Respectfully submitted,

Loyd D. Thurman
Loyd D. Thurman,
Ens., C&GS

Approved and forwarded:

E. W. Richards

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

PHOTOGRAMMETRIC PLOT REPORT

Project 27070 (6087)
Surveys T-10402 thru T-10409 & T-11427

21. AREA COVERED

This radial plot covers the area of surveys T-10402 thru T-10409 and the southwest corner of T-11427. They are shoreline surveys along north shore of Heceta Island near Prince of Wales Island, Alaska, from Tuxekan Island to Cape Lynch.

22. METHOD - RADIAL PLOT

Map Manuscripts:

Vinylite sheets with polyconic projections in black and U.T.M. Alaska, Zone 8 grids in red, at a scale of 1:10,000 were furnished by the Washington Office.

All control stations and some substitute stations were plotted using the meter bar and beam compass, the remaining substitute stations were plotted graphically.

Base sheets were prepared in this office.

A sketch, showing the layout of surveys and distribution of control and photograph centers, and a list of unidentified stations which are numbered on the sketch, are attached to this report.

Photographs:

There were forty-nine (49) nine-lens unmounted photographs, at a scale of 1:10,000 used in this plot. The photographs are numbered as follows:

41320 thru 41325	51994 thru 52006
41691 and 41692	52029 thru 52035
41713 and 41714	52037B thru 52041
41728 and 41729	52073 thru 52079
	52165 thru 52169

Templets:

Vinylite templets were made for all 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 of the supplementary plot for Surveys T-10397 thru T-10399 (See Descriptive Report for surveys No. T-10382 thru T-10384). The radial plot was constructed starting from T-10404 and running southward to T-10409, tying into control identified in the field in 1952. The plot was then bridged westward across Hecata Island, to survey T-10405 and to the pass points previously established

on survey T-10401. Eight (8) of the thirty-eight (38) field identified control stations could not be held, but a satisfactory plot was obtained.

Transfer of Points:

Each map manuscript was placed over the finished plot and oriented holding common grids and all pass points and photograph centers were pricked on the map manuscript.

23. ADEQUACY OF CONTROL

There was adequate control to obtain a satisfactory radial plot.

The following stations could not be held in the plot.

LIME, 1952 - The radially position falls approximately 10 meters to the SSW of the plotted position. This station falls outside of the delineation area. The error is probably due to difficulty of transfer to new photography. Since there were sufficient other stations to control the plot, no further investigation was made.

QUINCE, 1914 - The radially plotted position falls approximately 27 meters to the SE of the plotted position. This is believed to be misidentified in the field. The point which is identified can not be seen from NUT, 1914 and ANON, 1914, to the southwest.

HEN, 1904 - The radially plotted position for the Sub. Pt. falls 196 meters to the east of the plotted position. This was misidentified in the field on another reef. It was not re-identified in the office.

COON, 1904 - The radially plotted position falls 6 meters to the west of the plotted position. This station was misidentified in the field. It could not be re-identified accurately in the office.

NAPUL, 1914 - This station was not held in the radial plot but due to lack of a sketch re-identification could not be made. It is probably misidentified on another boulder. This station is outside of the project limits and there is sufficient other control for a satisfactory plot.

PINE, 1903 - The radially plotted position falls approximately 980 meters (0.6 mile) south of the plotted position. The sketch did not agree with the area at the true position and no attempt was made in this office to try to re-identify it.

LEAN, 1903 - The geographic position for this station plots in deep water on chart 8171. No rocks or other detail show on the photographs in this area. It is assumed that the published position might be incorrect. The position is unchecked.

SOUTH POINT, LOW BLACK POINT, 1903 - The geographic position for this station plots in deep water on Chart 8171. No rocks or other detail show on the photographs in this area. It is assumed that the published position might be incorrect. The position is unchecked.

BAY, 1903 - The radially plotted position for Sub. Pt. No. 1 falls 13 meters to the south southwest of the plotted position. The radially plotted position of Sub. Pt. No. 2 falls 47 meters to south of the plotted position. These are believed to be misidentified in the field. The Sub. Pts. are potholes in an area where they are numerous. It was not possible to re-identify the correct image points.

WHITE CLIFF, 1907-22 - This station is believed to be misidentified in the field. Since this station is far outside of the project limits; stations MIKE, 1907 and EMERALD, 1907-22, which are closer to the project were held.

More time was consumed in identifying the control in this plot than in a normal plot. The greatest amount of time was used in trying to prick on the office photographs points identified on the field photographs that did not agree for various reasons such as, with the information on the identification cards and/or Form 526. The following is a list of some of the stations where a great deal of time was consumed:

MIKE, 1907
SILLA, 1914
OWL, 1904
OON, 1904
LIME, 1952

SWIFT, 1914
MARS, 1914
HEN, 1904
GRASS, 1903
BAY, 1903
WHITE CLIFF, 1907-22

24. SUPPLEMENTAL DATA

None.

25. PHOTOGRAPHY

The photograph definition and photograph coverage for this plot was good. It was noted, however, when making templets that some difficulty was encountered in trying to adjust the templet to the fiducial marks on the photographs in the center chambers. A study was made of this 1955 copy but there seemed to be no apparent answer for this trouble.

Respectfully submitted
14 March 1957

Leroy A. Senasack

Leroy A. Senasack
Carto. Photo. Aid

LIST OF CONTROL NOT IDENTIFIED

Project 27070 (6087)

Surveys - T-10402 thru 10409 & T-11427

1. SOUTH POINT, LOW BLACK POINT, 1903
2. OTTER, 1903
3. COVE MOUNTAIN, 1903
4. CLIFF, 1903
5. POW, 1903
6. SPRAY, 1903
7. FOAM, 1903
8. LEAN, 1903
9. CORN, 1903
10. FLAT, 1904
11. FLY, 1904
12. MANO, 1914
13. WAR, 1914
14. NUT, 1914
15. MAST, 1914
16. ANON, 1914
17. SURP, 1914
18. BATO, 1904
19. DENT, 1914
20. LOG POINT, 1904
21. HOPE, 1904
22. TRIM, 1904-14
23. COB, 1904 - 14
24. VEX, 1904
25. CHOP, 1904
26. LEDGE, 1904-14
27. AID, 1904
28. BARN, 1904
29. DEAD, 1904 (Reported lost 1956)
30. PUP, 1904
31. BOLD, 1904
32. SAW, 1904
33. PEEP, 1904

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT
CONTROL RECORD

MAP T-10403

PROJECT NO. 27070

SCALE OF MAP 1:10,000

SCALE FACTOR

[illegible]

COMPILATION REPORT
T-10403

31. DELINEATION

Delineation of the manuscript was by graphic methods.

The photographs and field inspection were satisfactory.

32. CONTROL

The density and placement of horizontal control was adequate.

Identification of control is discussed in the Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

A copy of hydrographic Survey H-8393 (HO-1557) was available for comparison.

34. CONTOURS AND DRAINAGE

Contours: Inapplicable.

Drainage: No comment.

35. SHORELINE AND ALONGSHORE DETAILS

Preliminary compilation by office interpretation was corrected using field inspection furnished by the 1957 Hydrographic Party.

Shoreline inspection was adequate.

The low water line, where shown, is the office interpretation of the offshore limits of the foreshore area.

Foul lines were based partly on office interpretation and partly on field inspection. The foul line was used to outline questionable features and kelp as well as areas containing rocks.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS

One recoverable topographic station, GAS, 1956, was plotted on the manuscript using the geographic position furnished by the field party on Form 524.

There was no photographic identification for this station.

39. JUNCTIONS

Junctions with T-10402 on the west and T-10407 to the south have been made and are in agreement.

The manuscript joins T-10397 to the north and T-11427 to the east in water areas.

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, published January 9, 1956.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
22 November 1957

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 (Davidson Inlet, Alaska)

T-10403

Davidson Inlet

Gas Rock

Heceta Island

Sea Otter Sound

Approved by:

A. Joseph Wraight
A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Frank W. Pickett
Cartographic Technician

22 Nov. 1957

Form T-2 21

PHOTOGRAMMETRIC OFFICE REVIEW

T-10403

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. R. Glaser
Reviewer

Joseph Steinberg
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.

Refer to Compilation Report, Item 35.

Compiler

Supervisor

43. Remarks:

M-2623-12

REVIEW REPORT T-10403
SHORELINE
MARCH 13, 1969

61. GENERAL STATEMENT:

See Summary which is page 6 of the Descriptive Report.

There is no field edit report or field edit sheet for the survey. Field inspection was accomplished ~~after~~ ** prior* compilation and the manuscript then corrected from the field inspection notes. *to com-
pilation*

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Comparison was made with a copy of registered survey No. 2691, 1:20,000 scale, made in 1904. The passage of time has made that survey obsolete, it is superseded by T-10403 for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Comparison was made with USGS CRAIG (D-5), ALASKA, 15x20 minute quadrangle, 1:63,360 scale, edition of 1951. The two surveys are in good general agreement, the USGS quadrangle is generalized because of its scale.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with copies of reviewed surveys H-8288, H-8393 and H-8443. None of the shoreline on this survey, T-10403, falls within the limits of H-8288. The shoreline of this survey is in agreement with the shoreline of H-8393 and H-8443. All rocks and reefs within the limits of T-10403 also appear on the hydrographic surveys.

The mean lower low water lines of H-8393 and T-10403 are not in perfect agreement. This has been noted on the comparison print in purple.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with chart 8171, 8th edition, June 10, 1968. The shoreline of the two surveys are in good agreement. Five rocks that appear on the chart appear only as reefs on the photographs. These have been noted on the comparison print in red.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

Field photographs 51999, 52001, 52002 and office photographs 51998 thru 52002 were used to review the survey during final review.

Approved by:

Reviewed by:

Al Stark
Fel Allen L. Powell, RADM, USESSA
 Director, Atlantic Marine Center

Leo F. Beugnet
 Leo F. Beugnet

Approved by:

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S E A

S O U N D

2001
Kelp
LAT 1904

Kelp (8)

55° 50' 00"

S & Blds

MLLW line not in agreement
with H-8393

S G & Blds

Kelp (5)

Foul

Kelp

Kelp

133° 31' 30"

A

D

133° 32' 00"

Kelp

S G & Blds

52002

T-10403

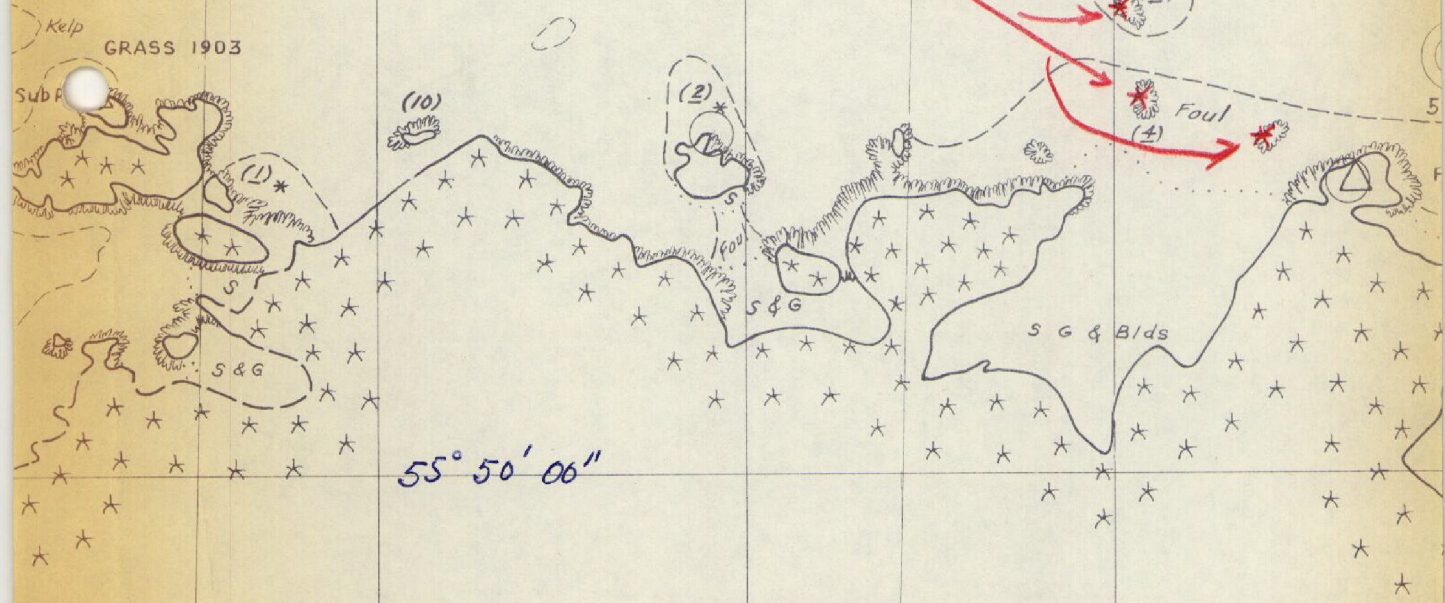
COMPARISON PRINT

D

Foul GAS 1956 GAS ROCK (6) (18) (0) not on chart

55° 50' 30"

Rocks appear as reefs on photos



55° 50' 00"

133° 34' 00"

COMPARISON PRINT

T-10403