

9628

orig.

9628

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey <u>Shoreline (Photogrammetric)</u>	
Field No. <u>Ph-87</u>	Office No. <u>T-9628</u>
LOCALITY	
State <u>ALASKA</u>	
General locality <u>El Capitan Passage</u>	
Locality <u>Head of Devilfish Bay</u>	
<u>1953 - 1957</u>	
CHIEF OF PARTY	
<u>E. W. Richards, Chief of Field Party</u>	
<u>W. E. Deane, Baltimore District Officer</u>	
LIBRARY & ARCHIVES	
DATE _____	

COMM-DC 61300

DESCRIPTIVE REPORT - DATA RECORD

T-9628

Project No. (II): Ph-87

Quadrangle Name (IV):

Field Office (II): C&GS Ship HODGSON

Chief of Party: Robert A. Earle (1956)
E. W. Richards (1957)

Photogrammetric Office (III): Baltimore, Maryland

Officer-in-Charge: W. F. Deane

Instructions dated (II) (III):

7 Nov. 1955
13 Nov. 1956
15 July 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): M.H.W.

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): BAY, 1922

Lat.: 56° 05' 32.089" (992.5m)

Long.: 133° 18' 12.952" (224.0m)

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.

DESCRIPTIVE REPORT - DATA RECORD

3

Camera (kind or source) (III): **Nine-lens**

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
41537 - 41540	8/22/53	1124	1:10,000	9.6' above MLLW
41603 - 41605	"	1236	"	8.5' " "
41633 and 41636	"	1256	"	8.2' " "

Tide (III)

From Predicted Tide Tables

Reference Station: **Sitka, Alaska**
Subordinate Station: **Cyrus Cove**
Subordinate Station: **Shakan**

Ratio of Ranges	Mean Range	Spring Range
	7.7	9.9
	8.8	10.9
	9.7	11.7

Washington Office Review by (IV): *Leo F. Beynot, Atlantic Marine Center* Date: *Aug. 1968*

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): **5.2**

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

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II):

Recovered:

Identified:

Number of BMs searched for (II):

Recovered:

Identified:

Number of Recoverable Photo Stations established (III):

Number of Temporary Photo Hydro Stations established (III):

Remarks:

T-9628

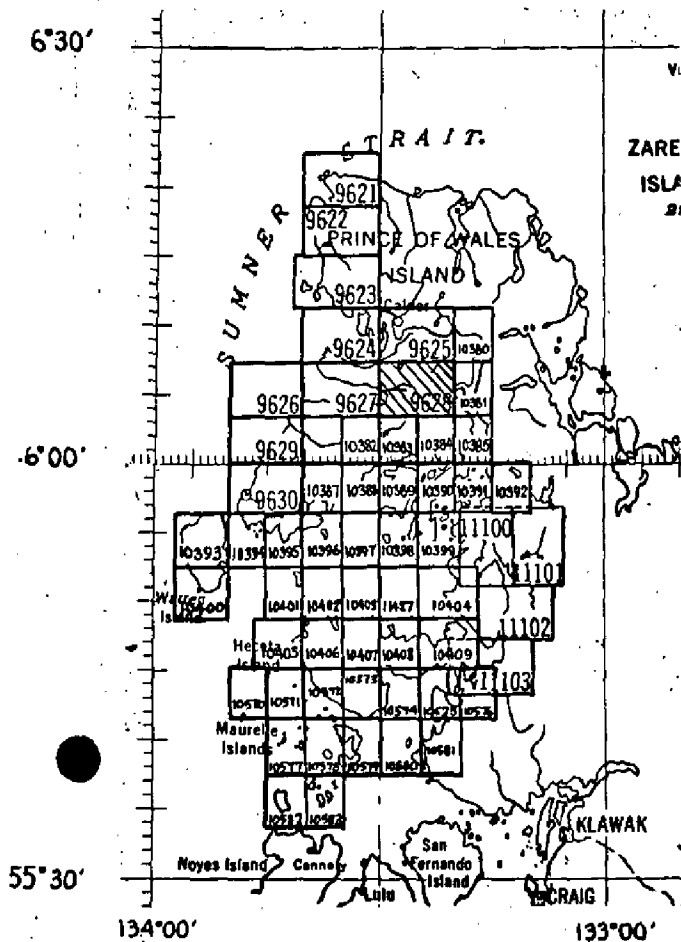
COMPILATION RECORD	COMPLETION DATE	REMARKS
PRELIMINARY MANUSCRIPT COMPILED * Compiled (ADVANCE	1954 1955 Feb. 1957	FORWARDED FOR HYDRO & EDIT SUPERSEDED "ADVANCE" SUPERSEDED
Final Review	Aug. 1968	

INCOMPLETE MANUSCRIPT COMPILED

SHORELINE MAPPING PROJECT PH- 87

Prince of Wales Island, Alaska

5



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	4	6
10580	2	2
10581	12	9
10582	2	6
10583	2	5

TOTAL 412

378

6

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-9628

Shoreline Survey T-9628 is one of 58 similar surveys in Project PH-87. It covers the area of Devilfish Bay and a very small part to the upper reaches of Shipley Bay. See page 5 of this report for the position of the survey within the project.

The primary purpose of the survey was to provide new shoreline for nautical charts and photo-hydro support data for hydrographic surveys.

The manuscript was evidently compiled as an incomplete manuscript and then changed to an advance manuscript after verification of the MHWL in Devilfish Bay in 1957. See Field Inspection Report submitted by James P. Randall which is page 7 of this report. * SEE BELOW

Compilation was at 1:10,000 scale by graphic methods using the 9-lens photography of August 1953. A cronaflex copy of the manuscript, blue line tracing, ozalids and specially prepared photographs were furnished for preparation of the boat sheet, location of photo-hydro signals and field edit use.

The manuscript is a vinylite sheet 3 3/4 minutes in latitude by 10 minutes in longitude which was smooth drafted and reproduced on cronaflex. One cronaflex positive and one cronar negative are provided for record and registry.

- *① A PRELIMINARY MAP COMPILED IN 1954 WAS EDITED IN 1955 (FIELD REPORT INCLUDED IN THE DESCRIPTIVE REPORT FOR T-9625).
- ② A NEW PLOT WAS ASSEMBLED IN 1955 - PLOT REPORT INCLUDED IN THE DESCRIPTIVE REPORT FOR T-9624. A NEW MAP (INCOMPLETE) WAS COMPILED & FORWARDED FOR HYDRO SUPPORT & EDIT.
- ③ INCOMPLETE MANUSCRIPT INSPECTED IN 1957 - FIELD REPORT INCLUDED IN THIS DESCRIPTIVE REPORT.
- ④ NEW PLOT ASSEMBLED & ADVANCE MANUSCRIPT COMPILED IN 1957

EDIT *
FIELD INSPECTION REPORT

- 8 -

7

FOR

DEVILFISH BAY AND PART
OF EL CAPITAN PASSAGE

1957

MANUSCRIPTS NO'D.

T-9625

T-9628

T-10380

T-10381

* THIS WORK COMPRISED AN EDIT
OF THE INCOMPLETE MANUSCRIPT
FOR T-9628.

REFER TO PAGE 6 CONCERNING
FIELD WORK ACCOMPLISHED
IN 1955

2. Areal Field Inspection

This report covers the northern third of El Capitan Passage from Fontaine Island, Shakan Strait, east and south to and including Devilfish Bay.

Rock outcroppings are, in general, metamorphic limestones and shales.

A black scale covers all alongshore outcroppings, and boulders, and shows as a distinctive black line, on the photographs. The bottom of this line very closely approximates the mean high water line.

At the western entrance to El Capitan Passage, on the islet ENE of station PASS 1922, is a small building in fair condition. Its origin and use are unknown.

On the next island to the north, location of photo-hydro station "DAD", is a cemetery which was most probably used by the abandoned quarry that lies three fourths of a mile to the northeast.

In the shallow bight immediately west and south of Dry Pass, are the ruins of a former mining operation.

The ruins of a mining operation located on the northwest side of El Capitan Passage, at the "dog leg", and symbolized on Chart 8172 was denoted.

Densities and tones were not, in general, inspected inshore of the high-water line. It was noted however that alder, show as a low (10 to 15 feet) dark, globular color tone paralleling the beach in front of the lighter conifers.

3. Horizontal Control

(d - f) Station POINT 1922, listed as not positively identified in 1956 was reidentified.

Station BAY 1922-57, which was misidentified in 1956, was reidentified.

Station LAST 1922, was recovered and identified.

4 & 5.- Inapplicable

- 3 - - 8 - 8

6. Woodland Cover

All land areas not covered by storm high waters were densely wooded with conifers and underbrush with the exception of muskegs, small logged areas, and the higher mountains.

7. Shoreline and Alongshore Features

The shoreline was inspected from the beach at all photo-hydro signal 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.
- b. In the extensive areas of shadow along the southern shores of El Capitan Passage and Devilfish Bay, sextant fixes were taken and recorded on the back of the photographs. A close approximation of the mean high water line was drawn on the photographs to better enable the office personnel to determine the shape of the shoreline.

In the smaller shadowed areas the shoreline was readily discernable and was delineated directly on the photographs.

The shoreline, in the deltaic flats, east of Dry Pass, was identified as called for in the Preliminary Descriptive Report.

The error in the previous field identification of the mean high water line in Shakan Straits, was noted and corrected.

- b. The low water line corresponds closely with the darker color tone at the outer edge of alongshore and offshore shoal features.
 - c. The foreshore consists of rock outcrops and boulders, with the exception of the deltaic muds and gravels at the mouths of the larger streams.
- There were no sandy areas of any extent.
- d. There were no cliffs or bluffs of note.
 - e. The log boom symbolized on Chart 8172 was not discernable on the photographs. It was located by sextant fixes on photo-hydro signals and plotted on the manuscript T-9625. The angles were recorded on the reverse side of the photograph.

8. Offshore Features

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

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

All heights were estimated and depths measured.

Within the area covered by this report, there were no kelp patches.

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.

9. Landmarks and Aids

There were no landmarks of importance within this area.

The one fixed and five floating aids covered by this report are:

<u>NAME</u>	<u>METHOD OF LOCATION</u>
Dry Pass Buoy 1	Photo & Sextant
Dry Pass Buoy 2	Photo only
Dry Pass Buoy 5	Photo and Sextant
Dry Pass Daybeacon 7	Photo only (BEAK 1957)
Dry Pass Buoy 9	Photo and Sextant

At the time of this survey, Dry Pass Buoy 2 was missing. Notification has since been received that it has been replaced on station.

10. Inapplicable

11. Other Control

All photo-control was recorded on Control Station Identification Cards.

Many marked hydrographic stations from the 1922 survey were recovered and located on the photographs, thereby, exceeding the required spacing for recoverable topographic stations.

No effort was made to recover these marked stations but where the present hydrographic control requirements coincided with the previous requirements, then they were located on the photographs, and topographic recovery cards submitted.

West of Dry Pass on the northern shores of Kosciusko Island two unstamped standard Coast and Geodetic Survey bench marks were recovered. No reference to their existence could be found in the project instructions. The westernmost of the two disks was located and called PILL 1957.

The following is a list of recoverable topographic stations:

<u>NAME</u>	<u>MANUSCRIPT</u>	<u>PHOTO</u>
BEAK 1957	T-9825	41631
EV 1922	"	41655
PILL 1957	"	41631
LIPP 1957	"	41637
SOL 1922	T-10380	41675
OFF 1922	"	"
WAG 1922	"	41676
BOW 1922	"	41674
STONE 1922	T-10381	41653

12. Inapplicable

13. Geographic Names

Geographic names will be covered in a separate report.

14. Special Reports and Supplemental Data

Forwarded to the Director:

1. Nine lens office and field photographs via transmitting letter 8 June 1957.
2. Blue-line Tracings and Blackline Impressions, via transmitting letter 8 June 1957.
3. Hydrographic Sheet - Field No. HO-1157, 6 June 1957
4. Tidal data via transmittal letter 11 May 1957.
5. Control Station Identification Cards for all control, via transmittal letter 17 June 1957.
6. Description of Recoverable Topographic Stations via transmittal letter 17 June 1957.

To be forwarded:

1. Triangulation Recovery Cards.
2. Geographic Names Report.
3. Coast Pilot Notes.

Respectfully submitted,

James P. Randall
James P. Randall,
LTJG, C&GS

Approved and forwarded :

E. W. Richards

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

SCALE FACTOR

1 FT. = 3048006 METER COMPUTED BY: L. A. Senasack	DATE 20 January 1954	CHECKED BY: J. C. Oregon	DATE 21 January 1954	COMM-DC-57843
---	-----------------------------	---------------------------------	-----------------------------	---------------

18
12

PHOTOGRAMMETRIC PLOT REPORT
PROJECT 6087

Surveys T-9624 thru T-9628
1955

REFER TO PAGE 6 CONCERNING
PLOT ASSEMBLED IN 1957

21. AREA COVERED

This radial plot covers the area of surveys T-9624 thru T-9628 and the southeast corner of T-9623. They are shoreline surveys located on the Prince of Wales Island, Alaska, along Sumner Strait, and cover the areas of Shakan and Shipley Bays.

22. METHOD - RADIAL PLOT

Map Manuscripts:

Vinylite sheets with polyconic projections in black, at a scale of 1:10,000 were furnished by the Washington Office. Base sheets were prepared in this office.

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

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

Photographs:

All photographs used are nine-lens unmounted photographs, at a scale of 1:10,000. Thirty-one photographs were used in the radial plot, and are numbered as follows:

41474 thru 41477
41498 thru 41502
41508 thru 41513
41537 thru 41544
41605 thru 41610
41630 and 41631

Standard symbols were used on the photographs.

Templets:

Vinylite templets were prepared for all photographs. A master templet was used to correct for paper and film distortion, and for chamber displacement.

Closure and Adjustment to Control:

Vinylite base sheets were prepared in this office. Because there were no grid lines on the manuscripts, some intersections of the manuscript projections were transferred to the base sheets. These common intersections were held in order to transfer the control.

The radial plot was laid, tying into points established in a previous plot laid in December 1954 for surveys T-9622 and T-9623 to the north. The flights beginning with photographs 41508 and 41544 were laid first, and extended southward.

22. METHOD - RADIAL PLOT (cont'd)

Closure and Adjustment to Control: (cont'd)

The plot was then extended to the east and to the west. Some control stations could not be held, but a satisfactory plot was obtained. In Calder Bay station INNER, 1955 could not be held in the plot.

Transfer of Points:

The map manuscripts were placed over the finished plot and oriented by holding the control and intersections that had been transferred to the base sheets. All pass points and photograph centers were pricked on the map manuscripts.

23. ADEQUACY OF CONTROL

There was adequate control to obtain a satisfactory radial plot.

The following stations could not be held in the plot:

INNER, 1955. The radially plotted position is 8 meters southwest of the geographic position. This sub. pt. was a very poor image point and it is quite possible the wrong rock was identified on the office photograph.

MIDDLE, 1955. The radially plotted position is 0.2 mm southwest of the geographic position.

ISLE, 1922. The radially plotted position is 0.4 mm east of the geographic position. Station ISLE, 1922 was reported lost, but the RM was recovered. The azimuth station was listed on the control identification card as BLACK, 1922 by the field man. The orientation of the control identification card indicates that either BEND, 1922 or BUSH, 1922 probably was used.

UPPER, 1955. The control station identification card describes the sub point as a ledge, but the image pricked on the field photograph is a tree laying over. The ledge was not visible on the office photographs and this sub. station was not used to control the plot.

RUINS, 1937. The radially plotted position for Sub. Pt. No. 1 is 1.1 mm northwest of the geographic position. However, Sub. Pt. No. 2, which is a more definite image point, was held in the plot.

PHIL, 1937. The radially plotted position is 0.4 mm northwest of the geographic position. This is probably a matter of inaccurate identification, because VENT, 1937 to the north, and PERK, 1937 to the south were held in the plot.

BILL, 1938-55. The radially plotted position from Sub. Pt. No. 1 is 0.7 mm southwest of the geographic position. Sub. Pt. No. 2 was held in the plot. The distances measured to these sub stations were stadia distances of 100 meters and 228 meters.

15
14

-3-

23. ADEQUACY OF CONTROL (cont'd)

NIPPLE, 1922. This station was office identified, and extreme elevation and tilt made the identification very weak.

LONE, 1922. This station was office identified in 1954 measuring from the lone tree as described in the 1922 description. The 1955 identification of a Sub Pt. for LONE, 1922 was the same image point as the office identification of the station. Consequently, the pricking was not changed on the office prints. LONE, 1922 and not the position of Sub. Sta. LONE, 1922 was held in the radial plot. LEDGE, 1922 just to the south of LONE, 1922 held in the plot. This confirms the office identification of the station and tends to indicate the field identification may be in error.

H HIP, 1955. The radially plotted position is 0.3 mm northeast of the geographic position for this hydrographic signal, which was computed in the field as less than third-order.

24. SUPPLEMENTAL DATA

None.

25. PHOTOGRAPHY

The photographic coverage and definition of photographs used in the plot were good. However, the office prints were in poor condition as the result of being used in a previous plot of the same area, as well as in preliminary compilation and in two field seasons with the hydrographic party. It is believed that new office prints would have made control identification easier, because the office identification of control for the preliminary surveys interfered with pricking of field identified control. In addition, the condition of the office prints undoubtedly resulted in local distortions of the paper and emulsion, so that the resulting templates could not be adjusted as well as a new flat print. A request for new prints was not made at the start of the radial plot because the completion date for this project did not allow sufficient time.

Respectfully submitted
22 November 1955

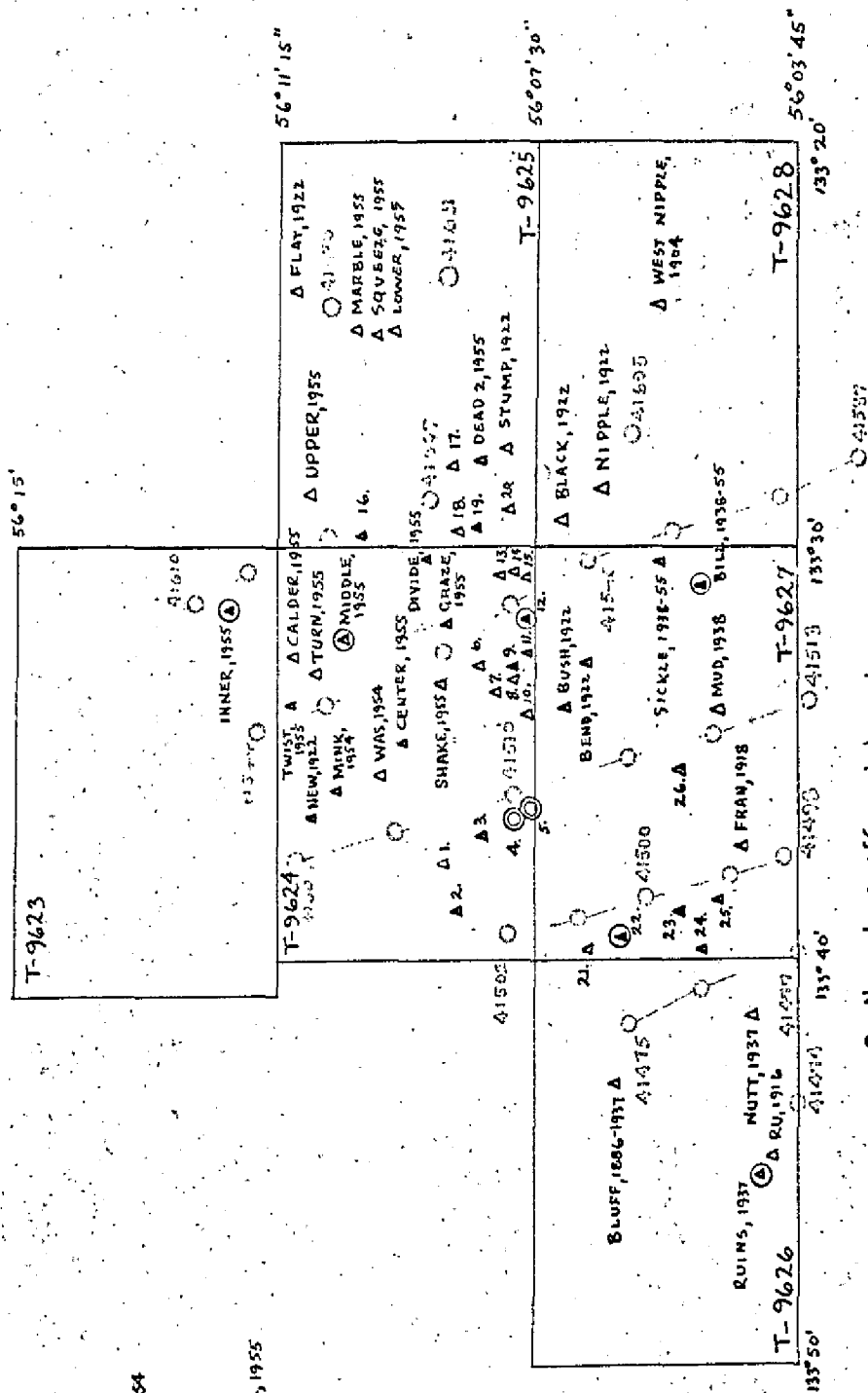
E. L. Williams
E. L. Williams
Cartographic Aid (Photo.)

LAYOUT SKETCH

PROJECT 6087

SURVEYS T-9623 thru T-9628

1. STATION 15, L.H., 1954
2. SHAKAN, 1886
3. STATE, 1922
4. HIP, 1955
5. ROS, 1955
6. MILTON, 1955
7. LJM, 1915
8. END, 1922
9. HAMILTON 15, DAY BN, 1954
10. LOG A, 1912
11. REEF, 1922
12. ISLE, 1922
13. NAM, 1922
14. SHAKAN STRAIT DAY BN, 1955
15. TRIPLE, 1922
16. QUARRY, 1955
17. NOE, 1922
18. TAINÉ, 1922
19. PASS, 1922
20. CREW, 1922
21. LONE, 1922
22. LEDGE, 1922
23. EAST A, 1922
24. WEST, 1922
25. PHIL, 1937
26. PERK, 1937
27. GRIM, 1937
28. SHIP, 1937
29. PLAY, 1938
30. SLEEPY, 1938-55



- Nine-lens office photographs
- △ Control stations identified
- △ Control stations not identified
- △ Control stations not held in plot
- Hydro Signal identified
- Hydro Signal not held in plot

9/16

COMPILATION REPORT
T-9628

^{Edit}
The Field Inspection Report is ^{INCLUDED IN THIS} ~~a part of the combined~~ Descriptive Report, T-10380 and T-10381.

The Photogrammetric Plot Report is also a part of ^{this} ~~that~~ report.
^{NOTE: TWO PLOTS ASSEMBLED - REFER TO PAGE 6}

31. DELINEATION

This manuscript was delineated by graphic method. The shoreline was delineated by office interpretation of nine-lens photographs. The south shoreline of Devilfish Bay was obscured by shadow. Field inspection ^{edit} at time of hydrography verified the accuracy of placement. The small area of Shipley Bay was transferred from T-9627 on which the entire shoreline at the east end of the bay was delineated.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None. The boat sheet was not available.

34. CONTOURS AND DRAINAGE

Contours: Inapplicable.
Drainage: No comment.

35. SHORELINE AND LONGSHORE DETAILS

The elevation of one offshore rock was noted. The only other field inspection consisted of sextant fixes on the south shoreline of Devilfish Bay, which verified the placement of office-interpreted shoreline. Field inspector noted that remainder of shoreline was accurate.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions have been made with T-9627 to the west, T-10381 to the east, and T-9628* to the south. There is no shoreline or junction to be made where this survey joins limits of T-10383 and T-10384 to the south.

* ? T-9625 TO NORTH

40. HORIZONTAL AND VERTICAL ACCURACY

Refer to Photogrammetric Plot Report (Item 22, last two paragraphs).

41 - 45 Inapplicable.

46. COMPARISON WITH EXISTING MAPS

None available.

47. COMPARISON WITH NAUTICAL CHARTS

Chart No. 8172, scale 1:40,000, 3rd edition, 19 March 1956.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
15 August 1957

Frank J. Tarcza
Frank J. Tarcza
Super. 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-9628

Devilfish Bay
Kosciusko Island
Shipley Bay

Approved by:

A. Joseph Wraight
A. Joseph Wraight
Chief, Geographer

Prepared by:

Frank W. Pickett
Frank W. Pickett
Cartographic Technician

PHOTOGRAMMETRIC OFFICE REVIEW

T- 9628

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

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 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
ReviewerJoseph Steinberg
Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

EDIT APPLIED BY THE 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:

M-2623-12

REVIEW REPORT T-9628
SHORELINE
August 9, 1968

61. GENERAL STATEMENT:

See Summary accompanying the Descriptive Report. - PAGE C

There is no Field Edit Report or Field Edit Sheet for this survey. *

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Comparison was made with a copy of Registered Survey No. 4012, 1:10,000 scale made in 1922. The two surveys are in good agreement except for the MHWL in the area of latitude $56^{\circ} 05.7'$, longitude $133^{\circ} 21.5'$.

Survey T-9628 supersedes the prior survey for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Comparison was made with USGS PETERSBURG (A-5), ALASKA, 1:63,360 scale quadrangle, edition of 1953.

The two surveys are in good agreement.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with a copy of reviewed survey H-7987. Two rocks near latitude $56^{\circ} 05' 30''$ longitude $133^{\circ} 20' 55''$ shown as bearing (3) on the smooth sheet are shown as bearing (1) on survey T-9628. The field inspection photograph of this area was not available at the time of final review. The rocks are not visible on the office photography.

* THE FIELD "INSPECTION" ACCOMPLISHED IN 1957 COMPRISED AN EDIT OF THE PRELIMINARY MANUSCRIPT. NO EDIT SHEETS WERE SUBMITTED. INCOMPLETE

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with nautical chart 8172, 5th edition, November 23, 1964. The chart and manuscript are in good agreement.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

The following field and office photographs were examined during final review:

FIELD

41504

OFFICE

41603 and 41604
41633, 41635, 41636
41652 and 41653

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 V. Ramsey
Chief, Photogrammetric Branch, ASB

R. H. Houlston
Chief, Photogrammetry Division

Chief, Nautical Chart Division