

10391

ORIGINAL

10391

| | |
|---|---------------------------------------|
| Form 504 | |
| U. S. DEPARTMENT OF COMMERCE | |
| COAST AND GEODETIC SURVEY | |
| DESCRIPTIVE REPORT | |
| Type of Survey | * SHORELINE (PHOTOGRAMMETRIC) |
| Field No. | Office No. T-10391 |
| LOCALITY | |
| State | ALASKA |
| General locality | EL CAPITAN PASSAGE |
| Locality | EL CAPITAN ISLAND TO TENASS ISLAND |
| 1953-1957 | |
| 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" ~~FIELD~~ SURVEY
REFER TO PAGES G AND GA

DESCRIPTIVE REPORT - DATA RECORD

T - 10391

| | | |
|---|--------------------------------|---|
| PROJECT NO. (II): PH-87 | | |
| FIELD OFFICE (III): 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): FIELD: 3 June 1953 28 Dec. 1953 23 Dec. 1954 25 Jan. 1955 OFFICE: 17 Dec. 1953 7 Nov. 1955 13 Nov. 1956 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): NUDGE, 1953 | | |
| LAT.: 55° 58' 05.277" | LONG.: 133° 17' 42.311" | <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

T-10391

| | | |
|--|--|---|
| FIELD INSPECTION BY (II): J.P. Randall, A.M. Legako, V. Tilley J.P. Randall (edit) | | DATE: 1956 Field season June 1957 |
| MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Office interpretation and field inspection in 1956 and 1957 of 1953 photography. | | |
| 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 4 APRIL March 1956 |
| STEREOSCOPIC INSTRUMENT COMPILATION (III): | | PLANIMETRY DATE |
| | | CONTOURS DATE |
| MANUSCRIPT DELINEATED BY (III): B.Kurs J. Council B. Wilson | | DATE * see below March 1957 |
| SCRIBING BY (III): | | DATE |
| PHOTOGRAMMETRIC OFFICE REVIEW BY (III): R. Glaser | | DATE March 1957 |
| REMARKS: * Photogrammetric office review - 17 FEB. 1959 <i>compilation report date</i> ** THE RADIAL PLOT WAS ASSEMBLED IN APRIL 1956. CONTROL WAS PROBABLY IDENTIFIED IN 1955 - NO REPORT FOUND. NO (1956) REPORT APPLICABLE TO THIS SURVEY WAS FOUND. REFER TO PAGE 6A. JAB | | |

DESCRIPTIVE REPORT - DATA RECORD

T-10391

CAMERA (KIND OR SOURCE) (III):

Nine-lens

PHOTOGRAPHS (III)

| NUMBER | DATE | TIME | SCALE | STAGE OF TIDE |
|------------------|---------|------|----------|-----------------|
| 41596 thru 41598 | 8/22/53 | 1232 | 1:10,000 | 8.5' above MLLW |
| 41639 thru 41641 | 8/22/53 | 1258 | 1:10,000 | 8.2' above MLLW |

TIDE (III)

FROM PREDICTED TIDES

DIURNAL

| | | RATIO OF RANGES | MEAN RANGE | SPRING RANGE |
|--|------------|--------------------|------------------|-----------------|
| REFERENCE STATION: | Sitka | | 8.7 | 10.9 |
| SUBORDINATE 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 (II): | 12 | RECOVERED: 12 | IDENTIFIED: 4 | |
| NUMBER OF BM(S) SEARCHED FOR (II): | 0 | RECOVERED: 0 | IDENTIFIED 0 | |
| NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): | | 0 * | | |
| NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): | | 1 | | |

REMARKS:

* Nine topo Stations were recovered and identified on photography. The 1922 positions were verified.

T-10391

| COMPILATION RECORD | COMPLETION DATE | REMARKS |
|---|-----------------|------------|
| COMPILED "INCOMPLETE" | 1956 | SUPERSEDED |
| Compiled (F.E. APPLIED) | March 1957 | SUPERSEDED |
| Final Review | Nov. 1968 | |
| INCOMPLETE MANUSCRIPT - REFER TO PAGE 6A | | |
| | | |
| | | |

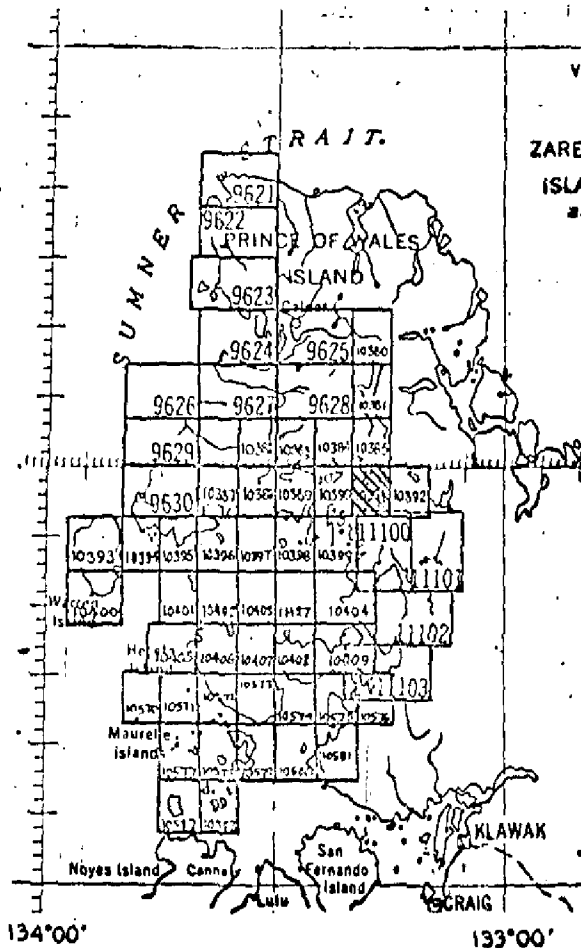
SHORELINE MAPPING PROJECT PH- 87

Prince of Wales Island, Alaska

56°30'

56°00'

55°30'



Project Ph-87 Official Mileage for Cost Accounts

| Sheet No. | Area Sq. Mi. | In. 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 | 6 | 2 |
| 10574 | 3 | 4 |
| 10575 | 2 | 1 |
| 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 432 378

6

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-10391

Shoreline survey T-10391 is one of 58 similar surveys in project PH-87. It covers the area of El Capitan Passage from Hub Rock northward to Tenass Island. See page 5 of this report for the area 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.

This survey was compiled as an Incomplete Manuscript. During the 1956 and 1957 field seasons, shoreline inspection was accomplished. That part of the survey north of 55° 58' 30" was corrected from the field inspection photographs. The photographs for the area south of 55° 58' 30" were lost and that area could not be corrected. See page 17 of the compilation report. The Incomplete Manuscript classification has been retained on the manuscript and the copies forwarded for record and registry.

Compilation was at 1:10,000 scale by graphic methods using the nine-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, field edit use and location of photo-hydro signals.

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 provided for record and registry.

see page 6A



NOTE: PAGES 7 THROUGH 9 (FIELD INSPECTION
REPORT FOR T-10392) REMOVED - NOT
APPLICABLE FOR THIS SURVEY

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-11427

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-10388, 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

+6 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.

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.)

PAGE 13

LAYOUT SKETCH

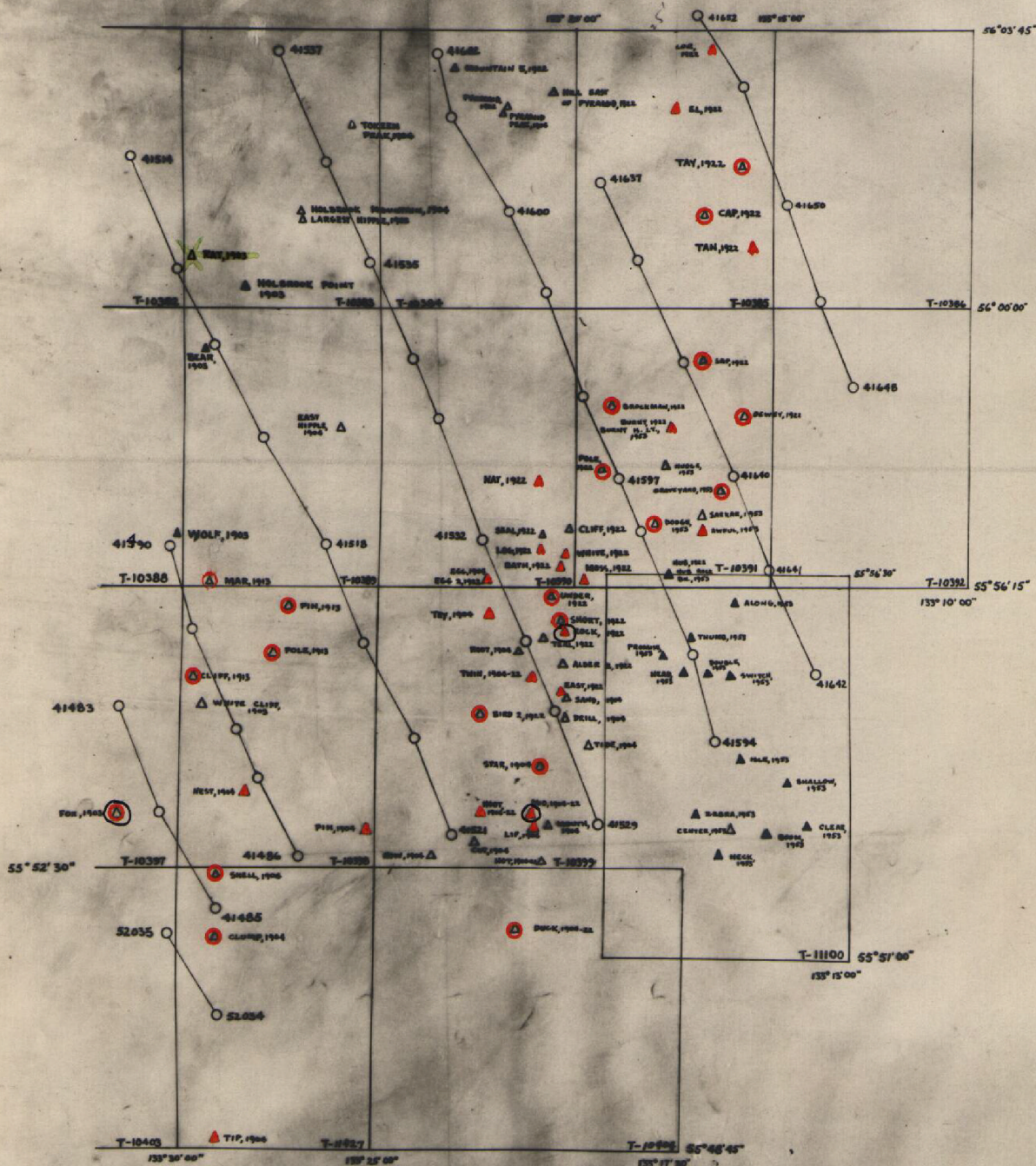
REMOVED-INAPPLICABLE PROJECT 6087

SURVEYS : T-10383 thru T-10386

T-10389 thru T-10392

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

T-11427



- Area lens off-axis photographs
- △ Contour elevations (first shot & last in plot)
- △ Contour elevations (not identified)
- △ Area point near station
- △ Area point within station of station
- Not Held in Plot (Field Ident)

X Lost

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

MAP T 10391

PROJECT NO. 16987 Ph-87 SCALE OF MAP 1:10,000

SCALE FACTOR

| STATION | SOURCE OF INFORMATION (INDEX) | DATUM | LATITUDE OR ψ -COORDINATE LONGITUDE OR λ -COORDINATE | | DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS | | DATUM CORRECTION | N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS | | FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS | |
|-----------------------------|-------------------------------|--------------|--|----|---|--------|---------------------|---|----------|--|--------|
| | | | • | " | FORWARD | (BACK) | | FORWARD | (BACK) | FORWARD | (BACK) |
| SAP, 1922 | G-609 p. 313 | N.A. 1927 | 55 | 59 | 28.450 | | | 879.9 | (975.8) | | |
| | | | 133 | 16 | 37.159 | | | 644.2 | (396.0) | | |
| DEWEY, 1922 | G-609 p. 311 | " | 55 | 58 | 48.833 | | | 1510.4 | (345.3) | | |
| | | | 133 | 15 | 42.244 | | | 730.8 | (309.7) | | |
| BROCKMAN, 1922 | " | " | 55 | 58 | 49.352 | | 15.26 | 1526.4 | (329.3) | | |
| | | | 133 | 19 | 02.419 | | | 41.9 | (998.6) | | |
| BURNT ISLAND LIGHT, 1953 | G-10478 p. 927 | " | 55 | 58 | 27.805 | | | 860.0 | (995.7) | | |
| | | | 133 | 17 | 39.248 | | | 680.7 | (359.9) | | |
| BURNT, 1922 | G-609 p. 311 | " | 55 | 58 | 28.009 | | | 866.3 | (989.4) | | |
| | | | 133 | 17 | 40.095 | | | 695.4 | (345.2) | | |
| POLE, 1922 | G-609 p. 313 | " | 55 | 57 | 49.901 | | | 1543.4 | (312.3) | | |
| | | | 133 | 19 | 23.418 | | | 406.3 | (634.6) | | |
| DODGE, 1953 | III p. 922 | " | 55 | 57 | 05.659 | | | 175.0 | (1680.7) | | |
| | | | 133 | 18 | 10.472 | | | 181.7 | (859.5) | | |
| AWFUL, 1953 | III p. 922 | " | 55 | 57 | 06.726 | | | 208.0 | (1647.7) | | |
| | | | 133 | 16 | 54.257 | | | 941.5 | (99.7) | | |
| SARKAR, 1953 | III p. 922 | " | 55 | 57 | 24.111 | | | 745.7 | (1110.0) | | |
| | | | 133 | 16 | 56.074 | | | 972.9 | (68.2) | | |
| GRAVEYARD, 1953 | " | " | 55 | 57 | 49.306 | | | 1524.9 | (330.8) | | |
| | | | 133 | 16 | 46.505 | | | 806.8 | (234.1) | | |
| HUB ROCK BEACON, 1953 | III p. 926 | " | 55 | 56 | 29.860 | | | 923.5 | (932.2) | | |
| | | | 133 | 17 | 45.448 | | | 788.8 | (252.7) | | |
| HUB, 1922 | G-609 p. 310 | " | 55 | 56 | 30.477 | | | 942.6 | (913.1) | | |
| | | | 133 | 17 | 45.885 | | | 796.4 | (245.1) | | |

1 FT. = 3048006 METER
COMPUTED BY: H. R. Rudolph

DATE 17 January 1952

CHECKED BY: A. Queen

DATE 23 January 1956

COM-DC-5784

SCALE FACTOR

| | | | |
|----------------------------|----------------------|-----------------|---------------|
| 1 FT. = 3048006 METER | 17 January 1956 | 23 January 1956 | COMM-DC-57843 |
| COMPUTED BY: H. R. Rudolph | CHECKED BY: A. Queen | DATE | |

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. *-NOT APPLICABLE FOR THIS SURVEY*

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). ** See below*

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

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 $56^{\circ} 58' 30''$ 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. *REFER TO PAGE 6A AND THE RADIAL PLOT REPORT (SKETCH, PAGE 14 AND PARAGRAPH 4, PAGE 11).*

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.

** Removed - not applicable for this survey*

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 $56^{\circ}58'30''$. 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:

T-10390

NOD (Photo-Hydro)
TRIP, 1922
LOW, 1922
LOUT, 1956
ANDY, 1956

T-10391

ACE (Photo-Hydro)
LOT, 1922
CHET, 1922
BOX, 1922
FAT, 1922
BOT, 1922
IF, 1922
GEE, 1922
LIK, 1922
MOL, 1922

T-10392

LAKE, 1957
SALT, 1957

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-10391

Brockman Island

Brockman Pass

Burnt Island

Clam Island

Clam Cove

El Capitan Island

El Capitan Passage

Graveyard Island

Hub Rock

North Island

Orr Island

Prince of Wales Island

Rocky Cove

Sarkar Cove

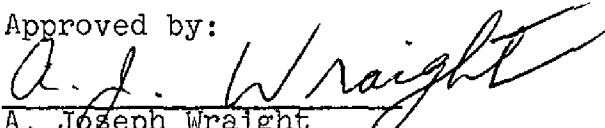
Sarkar Pt.

Spanberg Island

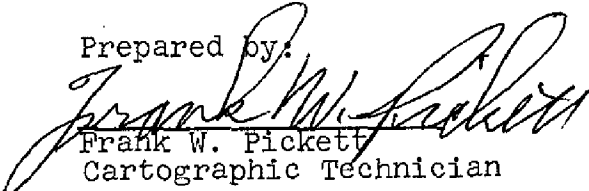
Tenass Island

Tunga Inlet

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. R. Glaser
Reviewer

Joseph H. Hensberg
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.

Compiler

Supervisor

43. Remarks:

ADDED BY COMPILER - REFER TO
COMPILATION REPORT

REVIEW REPORT T-10391
SHORELINE
NOVEMBER 19, 1968

61. GENERAL STATEMENT:

See Summary accompanying the Descriptive Report. *PAGES 6 & 6A*

There is no field edit sheet or report for this survey. The survey was compiled as an incomplete manuscript. During the 1957 field season field inspection was accomplished and that part of the survey north of 55° 58' 30" was then corrected. The field photographs for the area south of 55° 58' 30" were lost, therefore that area was not corrected. See Summary and Compilation Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Comparison was made with a copy of Registered Survey No. 4053, 1:10,000 scale made in 1922-1923. After adjusting for the different datums it was found that the shoreline of the two surveys is not in good agreement.

Survey T-10391 supersedes the prior survey for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Comparison was made with USGS CRAIG (D-4), ALASKA, 15 x 20 minute quadrangle, 1:63,360 scale, edition of 1949 with minor revisions in 1963. The two surveys are in good general agreement.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with copies of H-7987 and H-8391. Rocks shown on these surveys at the following positions are not visible on the photographs because of the high stage of the tide or because of kelp. *REFER TO PAGE 6A*

H-7987

| <u>LATITUDE</u> | <u>LONGITUDE</u> |
|-----------------|------------------|
| 55° 58' 37" | 133° 17' 12" |
| 55 58 37 | 133 17 21 |
| 55 58 41 | 133 17 03 |
| 55 58 52 | 133 17 18 |
| 55 58 58 | 133 15 47 |
| 55 58 59 | 133 15 40 |
| 55 59 08 | 133 16 18 |
| 55 59 10 | 133 16 45 |
| 55 59 40 | 133 18 11 |
| 55 58 57 | 133 16 38 |

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| | |
|-------------|----------------------|
| 55° 56' 24" | 133° 18' 00" |
| 55 56 26 | 133 17 46 (3 rocks) |
| 55 56 30 | 133 18 01 |
| 55 56 37 | 133 17 49 |
| 55 56 23 | 133 19 54 |
| 55 56 24 | 133 19 48 |
| 55 56 18 | 133 18 25 |
| 55 57 03 | 133 19 01 (2 rocks) |
| 55 57 12 | 133 19 05 |
| 55 57 19 | 133 16 54 |
| 55 57 47 | 133 19 19 (2 rocks) |

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' 22" | 133° 17' 57" |
| 55 56 23 | 133 17 45 |
| 55 56 26 | 133 17 47 |
| 55 56 25 | 133 18 00 |
| 55 56 27 | 133 17 46 |
| 55 56 27 | 133 17 57 |
| 55 56 31 | 133 18 03 |
| 55 56 38 | 133 17 52 |

LATITUDE

55° 56' 38"
55 56 39
55 56 25
55 56 24
55 56 25
55 57 03
55 57 05
55 57 18
55 58 24
55 58 22
55 58 51
55 58 53
55 59 03

LONGITUDE

133° 17' 46"
133 17 48
133 19 22
133 19 53
133 19 48
133 18 38
133 18 40
133 19 12
133 17 58
133 15 38
133 17 18
133 17 18
133 18 39

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This survey complies with instructions and meets the
National Standards of Map Accuracy. *REFER TO PAGE 6A.*

Field photograph 41598 was the only one available at the time of final review. Office photographs 41595 thru 41598 and 41639 thru 41641 were available and examined at this time.

Approved by:

Reviewed by:

Howard S. Cole

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

Leo F. Beugnet

Leo F. Beugnet

Approved by:

R. H. Houlston

Chief, Photogrammetric Branch *JHB*

Chief, Photogrammetry Division

Chief, Nautical Chart Division