

10392

ORIGINAL

10392

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	* SHORELINE (PHOTOGRAMMETRIC)
Field No.	Office No. T-10392
LOCALITY	
State	ALASKA
General locality	EL CAPITAN PASSAGE
Locality	SARKAR LAKE
1953- 1957	
CHIEF OF PARTY	
E.W. Richards, Chief of Field Party	
W.F. Deane, Baltimore District Office	
LIBRARY & ARCHIVES	
DATE	

USCOMM-DC 5087

\* This is a "PRELIMINARY" Survey  
Refer to pages 6 and 6A

## DESCRIPTIVE REPORT - DATA RECORD

T - 10392

PROJECT NO. (II):  PH-87		
FIELD OFFICE (II): USC&GS Ship HODGSON USC&GS Ship LESTER JONES USC&GS Ship HODGSON		CHIEF OF PARTY R.A. Earle (1956) G.A. Nelson (1956) E.W. Richards (1957)
PHOTOGRAMMETRIC OFFICE (III):  Baltimore, Maryland		OFFICER-IN-CHARGE  William F. Deane
INSTRUCTIONS DATED (II) (III):  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 <del>MEANS LOW WATER</del> 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):  DEWEY, 1922		
LAT.:  55° 58' 48.833"	LONG.:  133° 15' 42.144"	<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-10392

FIELD INSPECTION BY (II): <i>SEE BELOW</i> <i>**</i> { J.P. Randall, A.M. Legako, V. Tilley (CONTROL OPERATIONS) J.P. Randall (EDIT)		DATE: 1956 (Field season) June 1957
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):  Office interpretation of 1953 photography and field inspection of 1957.		
PROJECTION AND GRIDS RULED BY (IV):  A. Riley		DATE  Nov. 29, 1955
PROJECTION AND GRIDS CHECKED BY (IV):  A. Riley		DATE  Nov. 29, 1955
CONTROL PLOTTED BY (III):  J.E. Tolodziecki		DATE  Jan. 24, 1956
CONTROL CHECKED BY (III):  A. Queen L.A. Senasack		DATE  Jan. 25, 1956 Mar. 16, 1956
RADIAL PLOT <del>ON STEREOSCOPIC CONTROL</del> EXTENSION BY (III):  E.L. Williams		DATE <i>APRIL 4</i> * <del>Mar. 21, 1956</del>
STEREOSCOPIC INSTRUMENT COMPILATION (III):		PLANIMETRY  DATE
		CONTOURS  DATE
MANUSCRIPT DELINEATED BY (III): B. Kurs J. Council B. Wilson		DATE  March 1957
SCRIBING BY (III):		DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III):  R. Glaser		DATE  March 1957
REMARKS:  <i>* Refer to pages G and G A</i>  <i>** REFER TO PAGES G AND G A</i>		

FORM C&GS-181c  
(3-66)U.S. DEPARTMENT OF COMMERCE  
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
COAST AND GEODETIC SURVEYDESCRIPTIVE REPORT - DATA RECORD  
T-10392

CAMERA (KIND OR SOURCE) (III):

Nine-lens

## PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
41640 thru 41641	8/22/53	1258	1:10,000	8.2' above MLLW
41646 thru 41648	8/22/53	1311	1:10,000	8.1' above MLLW

TIDE (III)

FROM PREDICTED TABLES

DIURNAL

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

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

DATE:  
Nov. 1968

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

0

RECOVERED:

0

IDENTIFIED:

0

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

0

RECOVERED:

0

IDENTIFIED:

0

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

2

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

0

REMARKS:



T-10392

COMPILATION RECORD	COMPLETION DATE	REMARKS
COMPILED (PRELIMINARY) Compiled (INCOMPLETE)	1956 Mar. 1957	SUPERSEDED ADDITION OF FIELD EDIT
Final Review	Nov. 1968	
CLASSIFICATION CHANGED OFFICE, OCT. 1969	TO "PRELIMINARY" - ROCKVILLE	

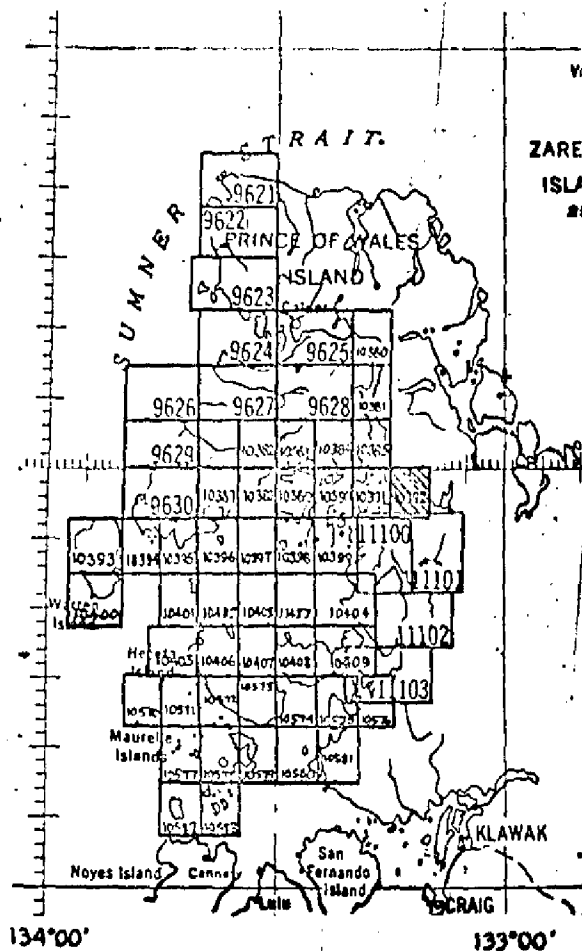
# SHORELINE MAPPING PROJECT PH- 87

Prince of Wales Island, Alaska

56°30'

56°00'

55°30'



## Project Ph-87 Official Mileage for Cost Accounts

Sheet No.	Area Sq. Mi.	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	6	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

According to available records some of the area covered by this survey was not radially plotted. A preliminary plot for adjoining surveys T-10386 and T-10391 covered a part of the area; this plot, however was not considered adequate - refer to paragraph 4, page 11. Two photographs were resected to complete the compilation.

No control stations were field identified in the area of the subject map.

This map was reclassified "Preliminary" upon examination of records in the Rockville Office. The map and contemporary hydrographic survey H-8391 are in agreement - refer to heading 64, page 21. A new basic survey is recommended for future hydro support and charting purposes.



SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT T-10392

Shoreline survey T-10392 is one of 58 similar surveys in project PH-87. It covers Sarkar Lake and Salt Water Lagoon in the El Capitan Passage area. The primary purpose of the survey was to provide new shoreline for nautical charts and photo-hydro support data for hydrographic surveys to be made in the area.

This survey was compiled as an incomplete manuscript. During the 1956 and 1957 field seasons field inspection was accomplished. The area of Sarkar Lake was then corrected from field inspection notes. The field inspection photographs for Salt Water Lagoon and Sarkar Cove were lost and these two areas could not be corrected. The Incomplete Manuscript classification has been <sup>retained</sup> on the original manuscript and 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 along with a blueline 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 drafted and reproduced on cronaflex. One cronaflex positive and one negative are forwarded for record and registry.

*Refer to page 64*





# 1. AREAL FIELD INSPECTION

On page 224 of the U. S. Coast Pilot - Southeast Alaska - Tenth (1952) Edition, is a concise, accurate description of the two major water features covered by this survey, Sarkar Lake and Salt Water Lagoon.

Quoting:

"A large lake empties into the head of Sarkar Cove through a series of rapids. The lower end of the lake is brackish, the head is fresh. The lake is an important spawning ground for red salmon."

"Salt Water Lagoon is about 0.5 miles northeastward of Sarkar Cove. It is connected, with sea level in Tunga Inlet by a short rapid. Water ebbs from the lagoon for about  $2\frac{1}{2}$  hours after low water. At slack water, about  $2\frac{1}{2}$  hours after high water, a launch drawing four feet may pass through the entrance into the lagoon."

The buildings shown on the photographs and symbolized on Chart 8171 at the place called Deweyville, still exist.

The trapper's cabin located above the rapids on the north side of Sarkar Lake, still exist.

3 & 4. Inapplicable.

# 5. CONTOURS AND DRAINAGE

Contours - inapplicable.

There are a number of perennial streams within the area, all of which have been indicated on the photographs.

# 6. WOODLAND COVER

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

Scattered patches of alder and crab apple can be seen 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 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 of the heavily shadowed areas and of the deceptive, log strewn, shores of Sarkar Lake.

In the large areas of shadow the mean high water line was located by sextant angles taken to photo-hydro signals or to easily identified natural objects which were pricked and numbered on the photographs. The angles were recorded on the back of the photographs. In the smaller areas of shadow the shoreline was easily discernable and was delineated directly on the photographs.

- (b) In all areas except in Sarkar Lake and Salt Water Lagoon, the low water line corresponds to the darker color tone at the offshore edge of alongshore and offshore shoal features.

In Salt Water Lagoon an attempt was made to give the low water line as was observed on a single tide.

In Sarkar Lake there is no significant change of level due to tides.

- (c) The foreshore consist of rock outcrops, boulders or deltaic muds except in Sarkar Lake where the tree line and/or grass line are at the waters edge.

- (d) There are no noteworthy cliffs or bluffs.

## 8. OFFSHORE FEATURES

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

It is to be noted that due to the reddish brown color of the water in Sarkar Lake (muskey water) features covered by more than a few inches of water, are not visible on the photographs.

All rocks not visible were located by sextant angles to photo-hydro signals or to obvious natural objects and the angles recorded on the back of the photographs along with the height or depths, times, and dates.

9 & 10. Inapplicable.

11. OTHER CONTROL

Two marked topographic stations were established within the limits of this survey. They are:

SALT 1957  
LAKE 1957

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. Tidal Data, Token Tide via Transmittal Letter 3 Aug.
2. Nine Lens Field and Office Photographs, scale 1:10,000 via Transmittal Letter Sept. 1957.
3. Description of Recoverable Topographic Stations via transmittal Letter Sept. 1957.

Respectfully submitted,

*James P. Randall*  
James P. Randall,  
LT( JG), C. & G.S.

Approved and forwarded:

*E. W. Richards*  
E. W. Richards,  
LCDR, D&GS  
Comdg., Ship HODGSON



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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-111427

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



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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-111427 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.

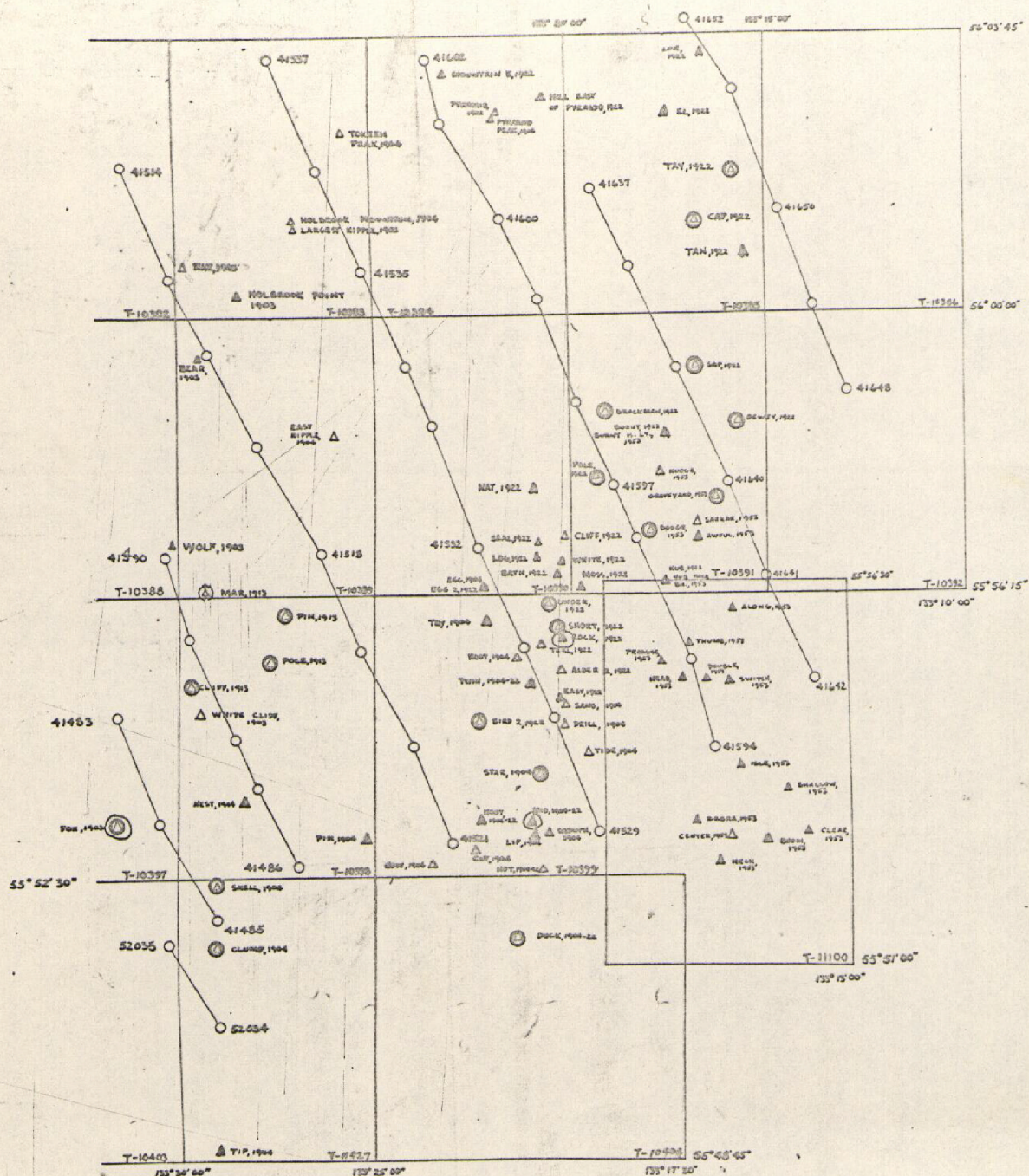
Respectfully submitted  
4 April 1956

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



PROJECT 6087  
SURVEYS: T-10385 thru T-10386  
T-10389 thru T-10392  
T-10397, T-10398, T-10399, T-10404, T-11100  
T-11427

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



- Mine land office photographs
- △ Control stations (first shot & band in plot)
- △ Control stations (not identified)
- △ First point near station
- △ Post point within stream of station
- Not Held in Plot (Field Ident.)

X Lost





COMPILATION REPORT  
T-10390, T-10391 and T-10392

(Incomplete)

T-10392 - PRELIMINARY (Refer to page 6A)

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

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

The photogrammetric plot report covering these surveys <sup>is included</sup> will be found in the combined descriptive report for ~~T-10382 through T-10384.~~

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 <sup>5</sup>56° 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

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.



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

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

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

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

There are no landmarks on these manuscripts.

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

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

38. CONTROL FOR FUTURE SURVEYS

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

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

-15-18

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.

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

Approved and Forwarded

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

*R. Glaser*  
R. Glaser  
Carto. (Photo.)

## GEOGRAPHIC NAMES

## FINAL NAME SHEET

PH-87 (Sumner Strait, Alaska)

T-10392

Clam Cove

Deweyville

Prince of Wales Island

Salt Water Lagoon

Sarkar Cove

Sarkar Lake

Tunga Inlet

Approved by:

*A. J. Wraight*  
A. Joseph Wraight  
Chief Geographer

Prepared by:

*Frank W. Pickett*  
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 Joseph Steinberg  
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.

\_\_\_\_\_  
Compiler

\_\_\_\_\_  
Supervisor

43. Remarks: APPLIED BY COMPILER IN 1957



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REVIEW REPORT T-10392  
SHORELINE  
NOVEMBER 22, 1968

61. GENERAL STATEMENT:

See Summary accompanying the Descriptive Report, and page 6A.

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

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Comparison was made with copies of Registered Survey No. 4051, 1:10,000 scale, made in 1923 and No. 4053, 1:10,000 scale made in 1922-1923. After adjusting for the different datum of these two surveys the shoreline was found to be only in fair agreement with that of T-10392. Refer to page 6A.

~~Survey T-10392 supersedes the older surveys 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, made in 1949 with minor revisions in 1963. The surveys are in good general agreement.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with a copy of H-8391. This appears to be a reviewed survey. The shoreline of the two surveys is in good agreement. Evidently there was no hydrography within Sarkar Lake.



Rocks at the following positions on survey H-8391 are not visible on photographs of the area.

<u>LATITUDE</u>	<u>LONGITUDE</u>
55° 57' 28"	133° 14' 28"
55 57 28	133 14 15
55 57 29	133 14 19
55 58 09	133 14 19
55 58 24	133 14 37

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° 57' 58"	133° 14' 15"
55 57 59	133 14 19
55 58 24	133 14 36

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This survey complies with instructions and meets the National Standard of Map Accuracy. There were no field photographs available at the time of final review. Office photographs 41640, 41641, and 41646 thru 41648 were examined during the course of final review. \* See below

Approved by:

Reviewed by:

*Howard S. Cole*

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

*Leo F. Beugnet*

Leo F. Beugnet

Approved by:

*Everett I. Ramsey*

Chief, Photogrammetric Branch

*R H Houlden*

Chief, Photogrammetry Division

Chief, Nautical Chart Division

\* Refer to page 6A