9122

Original

9122

Form 504

U. S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Shoreline

Field No. *Office No.* T-9122

CLASSIFIT (INCOMPLETE)

LOCALITY

State Alaska

General locality Prince William Sound

Locality East Finger Inlet

1954-59

CHIEF OF PARTY

Office: L. W. Swanson

LIBRARY & ARCHIVES

DATE

USCOMM-DC 5087

DATA RECORD

T - 9122

Project No. (II): 6152 Quadrangle Name (IV):

Field Office (II): Chief of Party:

Photogrammetric Office (III): Washington, D. C. Officer-in-Charge: L.W. Swanson

Instructions dated (II) (III): 31 Dec. 1954
11 Feb. 1955, Supp. 1
14 Mar. 1956, Supp. 2

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): 1.0

Date received in Washington Office (IV): 9-18-56 Date reported to Nautical Chart Branch (IV): 9-28-56

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):

Lat.: Long.: Adjusted / Unadjusted

Plane Coordinates (IV): State: Zone:

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.

DATA RECORD

Field Inspection by (II): None Date:

Planetable contouring by (II): None Date:

Completion Surveys by (II): None Date:

Mean High Water Location (III) (State date and method of location):

Office interpretation of photographs 1954 and 1955

Projection and Grids ruled by (IV): A. Riley Date: 12/20/54

Projection and Grids checked by (IV): H. D. Wolfe Date: 1/7/55

Control plotted by (III): B. Hale Date: 6/26/56

Control checked by (III): G. Amburn Date: 6/28/56

Radial Plot or Stereoscopic Control extension by (III): J. Battley - R. Sugden Date: 7/3/56

Stereoscopic Instrument compilation (III): Planimetry Date:

Contours Date:

Manuscript delineated by (III): G. Walker, Jr. Date: 7/26/56

Photogrammetric Office Review by (III): Date:

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

T-9122

COMPILATION RECORD	COMPLETION DATE	REMARKS
INCOMPLETE shoreline for hydrography	July 1956	
Shoreline completed to west edge of sheet	1959	
Final review	Sept. 1970	

Camera (kind or source) (III): C&GS "W", "L", & 9-lens

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide (MLLW)
2508-10	7/26/54	1403	1:10,000	4.8
9002	8-6-55	1434	"	11.7
58 L 5347-48	8-7-58	12:12	1:30,000	
56144	5-17-57		1:20,000	

Tide (III)

Diurnal

Ratio of Ranges	Mean Range	Spring Range
	10.6	12.4
1.0	10.0	12.4

Reference Station: Cordova, Alaska
Subordinate Station: Culross Bay
Subordinate Station:

Atlantic Marine Center
Washington Office Reviewed by (IV): C. H. Bishop Date: 09-01-70

Final Drafting by (IV): Date:

Drafting verified for reproduction by (IV): Date:

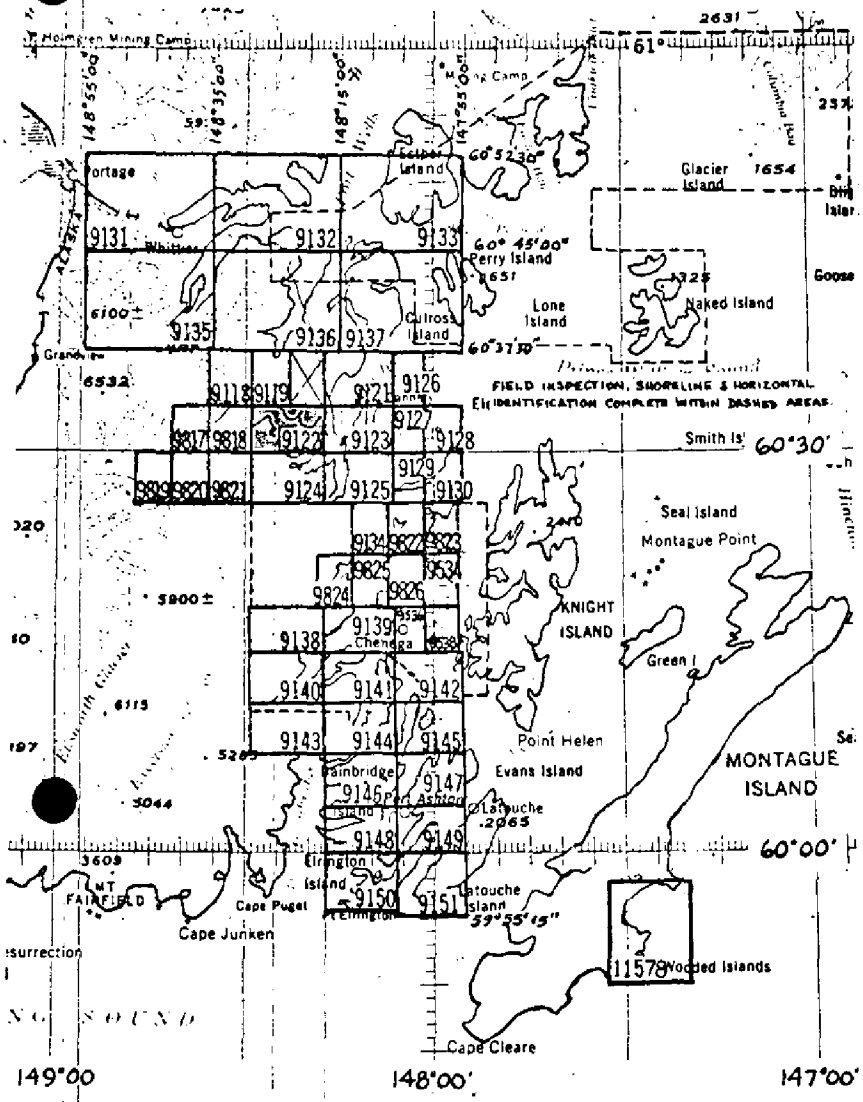
Proof Edit by (IV): Date:

Land Area (Sq. Statute Miles) (III):
Shoreline (More than 200 meters to opposite shore) (III): 23 miles
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:

SHORELINE MAPPING PROJECT PH - 152

Prince William Sound, Alaska



SHEET NO.	OFFICIAL MILEAGE FOR COST ACCOUNT LIN.MI. SHORELINE	AREA SQ MILES
9118	3	13
9119	9	11
9121	11	10
9122	23	7
9123	17	7
9124	7	5
9125	15	6
9126	5	3
9127	6	3
9128	5	3
9129	7	8
9130	14	6
9131	12	95
9132	48	50
9133	36	45
9134	5	11
9135	24	90
9136	26	85
9137	68	48
9138	10	7
9139	13	5
9140	12	8
9141	24	12
9142	10	3
9143	9	4
9144	26	9
9145	19	8
9146	18	8
9147	24	9
9148	25	9
9149	19	7
9150	24	8
9151	15	9
9534	6	4
9536	6	6
9538	4	1
9817	9	10
9818	11	6
9819	3	9
9820	7	5
9821	2	10
9822	9	9
9823	7	4
9824	9	10
9825	11	6
9826	10	8
11578	19	21
TOTALS	702	726

SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT T-9122

Records for this map were not complete at the time of final review, which is several years after compilation. The Compilation Record and notes concerning the absence of reports were inserted by the final reviewer.

This shoreline manuscript, scale 1:10,000, is one of 43 sheets that comprise Project PH-152, which is located in the western part of Prince William Sound. T-9122 covers the junction of Kings Bay with Port Nellie Juan, East Finger Inlet, Greystone Bay, and the north side of Deep Water Bay.

The manuscript was compiled in 1956, using single-lens photography taken in 1954. This photography did not reach the west edge of the sheet and shoreline was not mapped in that area.

In 1959 field work in the Kings Bay area and the subsequent radial plot (August 1959) made it possible to complete the shoreline to the west edge of T-9122, using nine-lens photography of 1957 and single-lens photography of 1958.

Photo-hydro support was furnished to the ship BOWIE for hydrography done in Kings Bay and Port Nellie Juan.

Final review was done in the Atlantic Marine Center in August 1970.

The compilation manuscript was a vinylite sheet 3 minutes 45 seconds in latitude by 11 minutes 15 seconds in longitude.

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

FIELD INSPECTION REPORT

MAP T-9122

PROJECT PH-152

There was no field inspection prior to compilation of this map and no Field Inspection Report is bound with this Descriptive Report.

PHOTOGRAMMETRIC PLOT REPORT
Prince William Sound, Alaska
Project 6152
Surveys T-9119, T-9121 through T-9126
July 1956

21. AREA COVERED:

This report discusses the radial plot for shoreline surveys T-9119, T-9121 to T-9126, inclusive, at a scale of 1:10000. These surveys fall in the area of Port Wellie Juan of Prince William Sound and include McClure Bay and a portion of Cochrane Bay.

22. METHOD:

Vinylite manuscripts with polyconic projection and UTM grid lines were used as base sheets for the plot. The grid lines were used in joining the base sheets.

Positype prints of Coast and Geodetic Survey single-lens photographs taken in 1954 were used throughout the plot. Vinylite hand templets were constructed using a master templet to correct for paper distortion.

The plot was begun in T-9122 where field identified control was adequate for fixing individual templets. The plot was extended to include all surveys except T-9119 where no field-identified control was available. The area of T-9119 was not included in the plot until after final adjustment was made in the area of field-identified control.

Difficulties experienced in extending the plot resulted from errors in control identification--field and office, and in templet construction using badly distorted photographs. One triangulation station (Tiger 1943) initially could not be held because of a published error in the direction of a reference mark (Geodesy Division records were corrected). All discrepancies in the plot were eventually resolved.

23. ADEQUACY OF CONTROL:

The area of T-9119 was controlled principally from office-identified triangulation stations. The plot was fairly rigid in this area and field identification of control should effect little shift in position.

Control was adequate to obtain as rigid a plot as could be expected with the spacing of single-lens photography which existed for this area. Stations not closely held were the result of logical causes. (See attached list of control) Also other control which held was available for all such areas.

24. SUPPLEMENTAL DATA:

None.

25. PHOTOGRAPHY:

Flights were spaced such that there was little overlap between them. Also, there were many photographs in water areas. However, control was plentiful enough that extension of the plot was possible even though the above deficiencies existed.

The western part of T-9122 was not covered by photographs and approximately two miles of shoreline cannot be compiled until additional photography is available.

Submitted by:

Jeter P. Battley Jr.

Jeter P. Battley, Jr.
Cartographer

Approved:

Everett H. Ramey

Everett H. Ramey
Chief, Graphic Compilation Unit

PHOTOGRAMMETRIC PLOT REPORT
Surveys T-9119 and T-9121 through T-9126

LIST OF CONTROL

T-9119

Vain, 1922		1.5 SE
This was the position for a very doubtful office identification. A map feature which fits the station description plots at the published position.		
Unite, 1942		Held (Office identified only)

T-9121

Silt, 1943		Held
Nell, 1917	Sub. Pt.	0.3 mm N
Negat, 1948		0.5 mm N (2 radials only)
Port, 1917		Held
Ross, 1917	Sub. Pt.	Held
Olive, 1948		1.0 mm NE*
Wire, 1913	Sub. Pt.	Held

*Poor field identification. Area of station obscured on photograph.

T-9122

Yield, 1948	Sub. Pt.	Held
Shady, 1948	Sub. Pt.	Held
Ripe, 1948		Held*
Xylan, 1948	Sub. Pt.	0.3 mm NE
Penny, 1948		0.4 mm NE**
Junk, 1948		Held
Organ, 1948	Sub. Pt.	Held
Fini, 1917		Held
Keel, 1948	Sub. Pt.	Held
Liar, 1948	Sub. Pt.	0.3 mm E (2 radials only)
Mace, 1948	Sub. Pt.	Held (2 radials only)
Navel, 1948		Held

*Field identified point would not hold. Point on nearby reef which checked description was used and held.

**Field identified substitute station would not hold. Office identified home station was held closely as indicated.

T-9123

Land, 1917		Held
Unit, 1948	Sub. Pt.	Held

T-9123 (continued)

Tart, 1948	Held
McClure W. Gable, 1943	Held
Valor, 1943 Sub. Pt.	0.3 mm N
Waltz, 1943 Sub. Pt.	Held

T-9124

Dill (USE), 1948 Sub. Pt.	Held
Owe, 1948 Sub. Pt.	0.3 mm E (2 radials - narrow intersection)
Neck, 1948 Sub. Pt.	1.0 mm E

(Investigation, after plot was completed, revealed a point which fits the description by the field party and would have held in the plot. Evidently, the sub station was misidentified by field.)

T-9125

Pear, 1948 Sub. Pt.	Held
Money, 1948	Held
Adam, 1948 Sub. Pt.	Held
Zone, 1948	Held
Quad, 1948	Held (2 radials only)

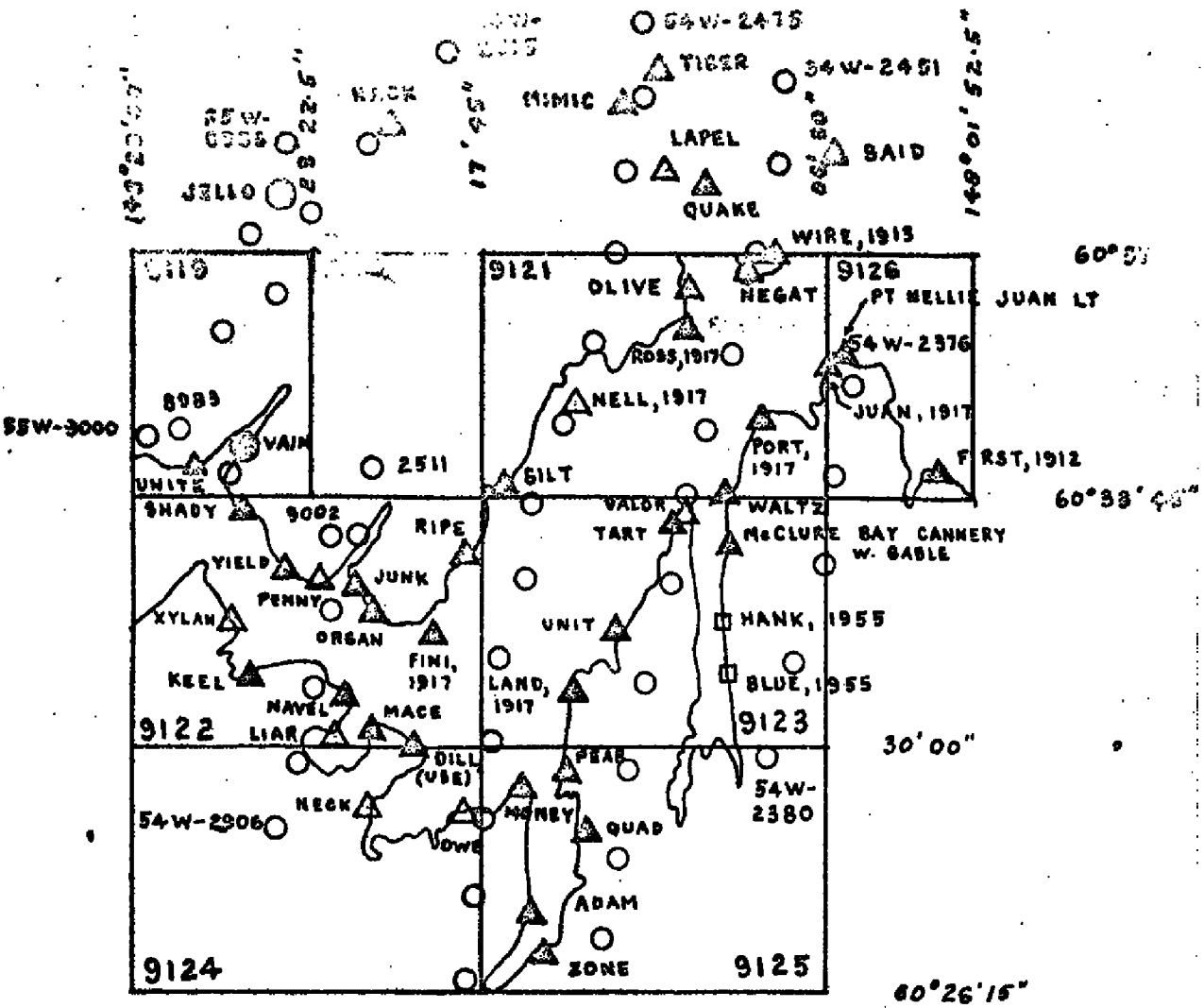
T-9126

Port Hellie Juan Lt., 1948	Held
Juan, 1917, Sub. Pt.	0.3 mm E
First, 1912, Sub. Pt.	Held

N. of Area to be Mapped

Jello, 1948	Held (office identification)
Hack, 1948	Held
Gland, 1948 Sub. Pt.	Held (1 radial only)
Said, 1948	Held (1 radial only)
Quake, 1943, Sub. Pt.	Held (2 radials)
Mimic, 1948 Sub. Pt.	Held
Lapel, 1948 Sub. Pt.	1.0 mm SE (very doubtful field identification - 3 points pricked on field photograph)
Tiger, 1948 Sub. Pt. A	Held
Sub. Pt. B	Held

PRINCE WILLIAM SOUND
(CONT'D)



54W-2485 ○ ○ 54W-2440

PHOTOGRAMMETRIC PLOT CONTROL SKETCH

▲ Field identified stations held

△ Field identified stations not held

◉ Office identified stations held

◎ Office identified stations not held

□ Topographic stations located by radial plot

NOTE: All stations not dated are 1949

PHOTOGRAMMETRIC PLOT REPORT

KINGS BAY, ALASKA

Project Ph-152

Aug - 1959

A preliminary plot of this area using mostly office-identified control was done in Feb. 1959. Ten additional control stations with CS1 cards and accompanying field photo identification (June 1959) were furnished to control a new plot. The original templets were utilized in laying this latter plot.

21. Area Covered: This report discusses the final radial plot for shoreline surveys T-9118, T-9817 thru T-9821 and a portion of T-9122. These surveys cover the area of Kings Bay from the entrance to the head.

22. Methods - Vinylite sheets, ruled with base grids at 1:20,000 scale to correspond with the UTM grid lines were used to lay the plot.

Photo coverage of the area included two nine-lens flights on either side of the bay furnished on positype paper prints at 1:20,000 scale, and single-lens 58 L series infra-red photographs at 1:10,000 scale.

The additional field-identified control was transferred to the nine-lens office prints and added to the original templets. Positions of templets generally remained the same in the junction area of the north part of the plot which had former field-identified control. Due to the additional control some positions on the west side of the bay and in the delta at the head of the bay shifted about 0.3 mm. Otherwise positions did not change. The new positions were recircled on the base sheet and replotted on the 1:10,000 scale manuscripts where the resultant error would be doubled.

The single lens photographs were resected on the manuscripts into common pass points with the nine-lens photographs used in the plot. The positions of their centers were added for compilation purposes.

23. Adequacy of Control. The additional control resulted in a tight plot throughout. All control held within 0.3 mm. except EDNA 1946 (sub pt) which was missed 0.5 mm to the southeast

due to an error in identification on the field photo. During photo preparation another similar point fitting the description was noted which would have held in the photo. (see plot sketch for distribution of control).

24. Supplemental Data - None

25 Photography

The infra-red photographs were lacking in detail especially in shadow areas, making it difficult to find common pass points with the nine-lens photographs. The nine-lens photographs although lacking in definition were adequate for the plot.

Photogrammetric Plot Sketch and list of control submitted with report.

Submitted by

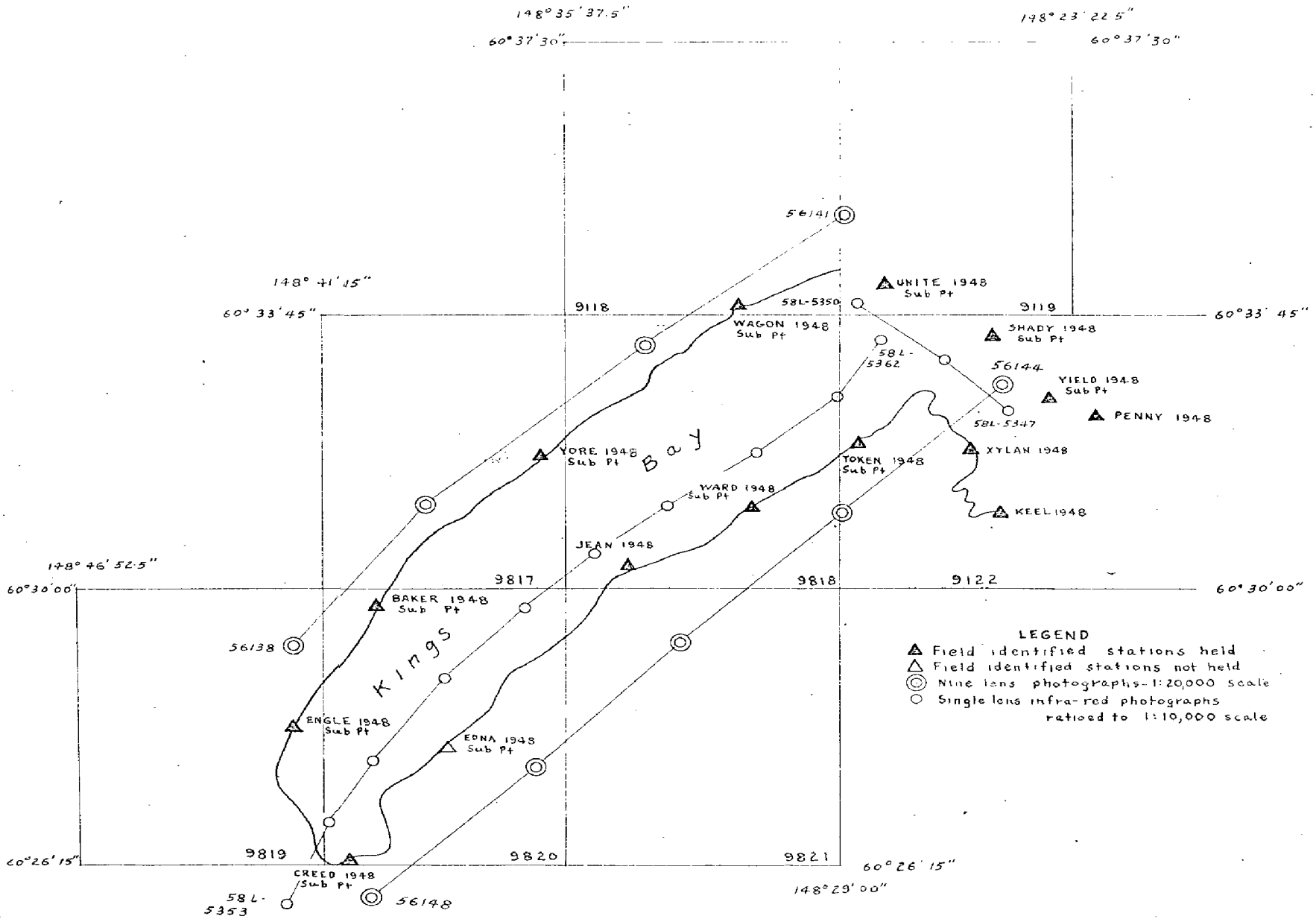
Robert L. Sugden

Robert L. Sugden
Cartographer

Approved by:

Everett H. Ramey

Everett H. Ramey
Chief, Graphic Unit



PHOTOGRAMMETRIC PLOT SKETCH
PH-152
Kings Bay, Alaska
Aug. 1959

FORM 164
(4-23-54)

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

MAP T- 9122 PROJECT NO. 6152 SCALE OF MAP 1:10,000 SCALE FACTOR 1.0

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
Mace, 1948	VI 40	NA 1927	60 30 16.356 148 21 20.064		1857.05 915.9	506.2 (1350.8) 306.3 (609.6)	
Scar, 3, 1948	VI 84	"	60 31 58.53 148 20 43.65		1857.06 915.4	1811.06 (46.00) 665.7 (249.7)	
Fini, 1917	VI 36	"	60 31 32.973 148 19 19.609		1857.06 915.3	1020.05 (837.01) 299.1 (616.2)	
Ripe, 1948	VI 41	"	60 32 56.543 148 18 05.948		1857.06 914.9	1750.01 (107.05) 90.7 (824.2)	
Shady, 1948	VI 37	"	60 33 21.429 148 25 27.143		1857.51 914.3	663.02 (1194.05) 413.7 (500.6)	
Mona, USE, 1948	VI 43	"	60 30 56.546 148 22 19.887		1857.05 915.9	1750.02 (107.03) 303.4 (612.5)	
Navel, 1948	VI 36	"	60 30 56.624 148 22 20.126		1857.05 915.5	1752.6 (104.4) 307.1 (608.4)	
Token, 1948	VI 37	"	60 32 06.045 148 28 35.044		1857.06 915.5	187.1 534.4	
Peak No 108 1948	VI 83	"	60 30 03.21 148 27 13.78		1857.05 916.0	99.4 210.4	
Quart, 1948	VI 37	"	60 32 43.494 148 26 45.854		1857.06 914.8	1346.2 699.0	
Scar, 1, 1948	VI 84	"	60 33 24.04 148 25 25.32		1857.07 914.3	744.1 (1113.0) 385.9 (528.4)	
Xylan, 1948	VI 37	"	60 31 57.486 148 25 40.949		1857.06 915.4	1779.2 624.5	

1 FT. = .3048006 METER

COMPUTED BY: B. Hale DATE 3 April 1956 CHECKED BY: D. Carrier DATE 4 April 1956

COMM-DC-5784

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T- 9122 PROJECT NO. 6152 SCALE OF MAP 1:10,000 SCALE FACTOR 1.0

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD	(BACK)	DATUM CORRECTION	N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)
Keel, 1948	VI 42	NA 1927	60 31 03.801			1857.06	117.6			
			148 25 28.084			915.5	428.5			
Yield, 1948	VI 37	"	60 32 53.958			1857.06	1670.1			
			148 24 32.208			914.7	491.0			
Penny, 1948	VI 36	"	60 32 28.208			1857.06	873.1			
			148 23 13.658			914.8	208.2			
Liar, 1948	VI 41	"	60 30 08.942			1857.05	276.8	(1580.2)		
			148 22 15.780			915.9	240.9	(675.9)		
Junk, 1948	VI 40	"	60 32 32.446			1857.06	1004.2			
			148 22 02.648			914.8	40.4			
Organ, 1948	VI 36	"	60 31 55.222			1857.06	1709.2			
			148 21 08.736			915.4	133.2			

21

1 FT. = 3048006 METER

COMPUTED BY: B. Hale DATE 3 April 1956 CHECKED BY: D. Carrier DATE 4 April 1956

COMM-DC-5784

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T- 9122 PROJECT NO. 6152 SCALE OF MAP 1:10000 SCALE FACTOR 1.0

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD	(BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)
Sub. Station Fini, 1917	CS 1 Card	NA 1927	60 31			1857.6	1048.6	(809.0)		
			148 19			915.5	285.9	(629.6)		
Sub. Station Organ, 1948	"	"	60 31			1857.6	1713.6	(144.0)		
			148 21			915.5	139.3	(776.2)		
Sub. Station Navel, 1948	"	"	60 30			1857.5	1774.8	(82.9)		
			148 22			916.0	294.7	(621.3)		
Sub. Station Xylan, 1948	"	"	60 31			1857.6	1783.9	(73.7)		
			148 25			915.5	640.3	(275.2)		
Sub. Station Shady, 1948	"	"	60 33			1857.6	663.1	(1194.5)		
			148 25			915.0	408.3	(506.7)		
Sub. Station Liar, 1948	"	"	60 30			1857.0	248.2	(1608.8)		
			148 22			915.9	255.3	(660.6)		
Keel, 1948 Sub. Pt.	"	"	60 31			1857.1	109.9	(1747.2)		
			148 25			915.5	425.2	(490.3)		
Yield, 1948 Sub. Pt.	"	"	60 32			1857.1	1662.7	(194.4)		
			148 24			914.7	485.6	(429.1)		
Penn, 1948 Sub. Pt.	"	"	60 32			1857.1	888.8	(968.3)		
			148 23			914.8	204.2	(710.6)		
Sub. Station Mace, 1948	"	"	60 30			1857.0	503.2	(1353.8)		
			148 22			915.9	314.1	(601.8)		

1 FT. = 3048006 METER

COMPUTED BY: E. R. Ramey DATE 18 May 1956 CHECKED BY: D. Carrier DATE 21 May 1956

COMM-DC-5784

Photogrammetry

MAP T- 9122 PROJECT NO. Ph-152 SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)
	VI	NA	60 32 06.045		1857.1	187.1	1670.0		
TOKEN, 1948	P 37	1927	148 28 35.04		914.5.0	534.4	380.2		
TOKEN, 1948 Sub. Pt.		"	60 32		1857.1	140.7	1716.4		
			148 28		914.5.0	549.7	364.9		

1 FT. = .3048006 METER

COMPUTED BY: J.M. Dziecki DATE 3 August 1959 CHECKED BY: DATE

M-2388-12

19

COMPILATION REPORT - T-9122

(Incomplete Survey)

31. DELINEATION:

The manuscript was compiled by graphic methods using the projector when necessary to correlate the work sheets to the scale of the manuscript. The shoreline was delineated by office interpretation of the photographs, applying particular attention to the offshore features. Shoreline delineation in the western portions of the manuscript is incomplete due to the fact that there is no photo-coverage.

32. CONTROL:

The control was considered adequate for compilation purposes; for further discussion of the control see the Photogrammetric Plot Report which is filed with the Descriptive Report, T-9121. The position of the triangulation station SCAR 6, 1948, is apparently in error as no physical feature falls in its position; the station was, therefore, deleted from the manuscript and a Form 526 has been submitted to the Geodesy Division regarding it.

33 and 34 - Inapplicable.

35. SHORELINE AND ALONGSHORE DETAILS:

There was no shoreline inspection to aid in the interpretation of the MHWL, or any other alongshore details (see 31, above). Areas of low water are generally outlined with the shallow water symbol and labeled as "Shallow". The MHWL and the datum of rocks, reefs, etc. were determined utilizing the tidal information in conjuction with the date and time of the photography.

36. OFFSHORE DETAILS:

No unusual problems were encountered in compiling details offshore from the high-water line.

37. LANDMARKS AND AIDS - None

38. CONTROL FOR FUTURE SURVEYS - None

39. JUNCTIONS:

Junctions have been made with T-9119 and 9121 to the North, T-9123 to the East and T-9124 to the South. All junctions are in agreement.

40. HORIZONTAL AND VERTICAL ACCURACY:

Horizontal accuracy, reference Paragraph 32. Vertical accuracy is inapplicable.

41. through 45. - Inapplicable.

46. COMPARISON WITH EXISTING MAPS:

SEWARD (C-4) Alaska U.S.G.S. 1:63,360 1952
T-3676 Topographic Survey U.S.C.&G.S. 1:20,000 1917

These two prior surveys are in general agreement with T-9122. A few differences in alongshore rocks exist and should be checked by field inspection.

47. COMPARISON WITH NAUTICAL CHARTS:

U.S.C.&G.S. 8517 1:80,000 September 1950 -January 1952
" 8551 1:200,000 May 1952-May 1954

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY: None.

ITEMS TO BE CARRIED FORWARD: Compilation is subject to revision after field inspection is accomplished.

Submitted by:

Everett H. Ramey

Everett H. Ramey
Supervisory Cartographer

Approved by:

K. N. Maki
Supervisory Photogrammetric Engineer

August 28, 1970

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-152 (Alaska)

T-9122

Chugach National Forest

Coxcomb Point

Deep Water Bay

East Finger Inlet

Greystone Bay

Kings Bay

Port Nellie Juan

Approved by:

A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Cartographic Technician

49. NOTES FOR THE HYDROGRAPHER:

All alongshore features were compiled without benefit of field inspection. They should be revised and completed to what extent possible during hydrographic surveys.

FORM 1002(T-2) PHOTOGRAMMETRIC OFFICE REVIEW

MAP T-9122

PROJECT PH-152

No Form 1002(T-2) was available at the time of final review and none is bound with this Descriptive Report.

FIELD EDIT REPORT

MAP T-9122

PROJECT PH-152

No record of field edit was available at the time of final review; therefore, no Field Edit Report is bound with this Descriptive Report.

REVIEW REPORT T-9122

SHORELINE

SEPTEMBER 1, 1970

61. GENERAL STATEMENT:

See Summary on page 6 of this Descriptive Report.

An ozalid comparison print (pages 27 through 31), with differences noted in Items 62 through 65, is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with Survey No. T-3676, scale 1:20,000, dated 1917. Differences between this survey and T-9122 are shown on the comparison print in blue.

T-9122 supersedes previous topographic surveys for chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with U.S.G.S. Quadrangle SEWARD (C-4), ALASKA, scale 1:63,360, dated 1952. Differences between this survey and T-9122 are shown on the comparison print in brown and are self-explanatory.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with unverified copies of smooth sheets for surveys H-8593, H-8594, and H-8606, dated 1959, 1961, and 1961 respectively, and all surveyed at 1:10,000 scale. Apparently T-9122 was used as a base map for shoreline on the portion of these surveys covered by this shoreline map; no shoreline differences were noted.

Some rocks located by the hydrographer do not appear on T-9122; they are not visible on the photographs. Their position is indicated on the comparison print in purple.

A feature at latitude 60°32.2', longitude 148°18.8' was mapped by the hydrographer as a large, bare rock or island. Three separate objects are visible on the photographs and are mapped as three bare rocks.

65. COMPARISON WITH NAUTICAL CHARTS:

A visual comparison was made with Chart 8517, scale 1:80,000, 9th edition, dated April 28, 1969. Differences noted on this chart are the same as some of the differences noted on the hydrographic surveys named in Item 64. Differences between Chart 8517 and T-9122 are shown on the comparison print in red.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This survey complies with Job Instructions, Bureau requirements, and the National Standards for Map Accuracy. No accuracy tests were run in the field.

Reviewed by:

Charles H. Bishop

Charles H. Bishop
Cartographer
September 1, 1970

Approved:

Allen L. Powell

Allen L. Powell, RADM, USESSA
Director, Atlantic Marine Center

Approved:

Chief,
Photogrammetric Branch

Jack E. Guth

Chief,
Photogrammetry Division

28'

148° 27'

60° 33'

COMPARISON PRINT

Red = Chart 8517
Purple = H-8593

BAY

Coxcomb Point

QUART 1948

Also Chart 8517

Also Chart 8517

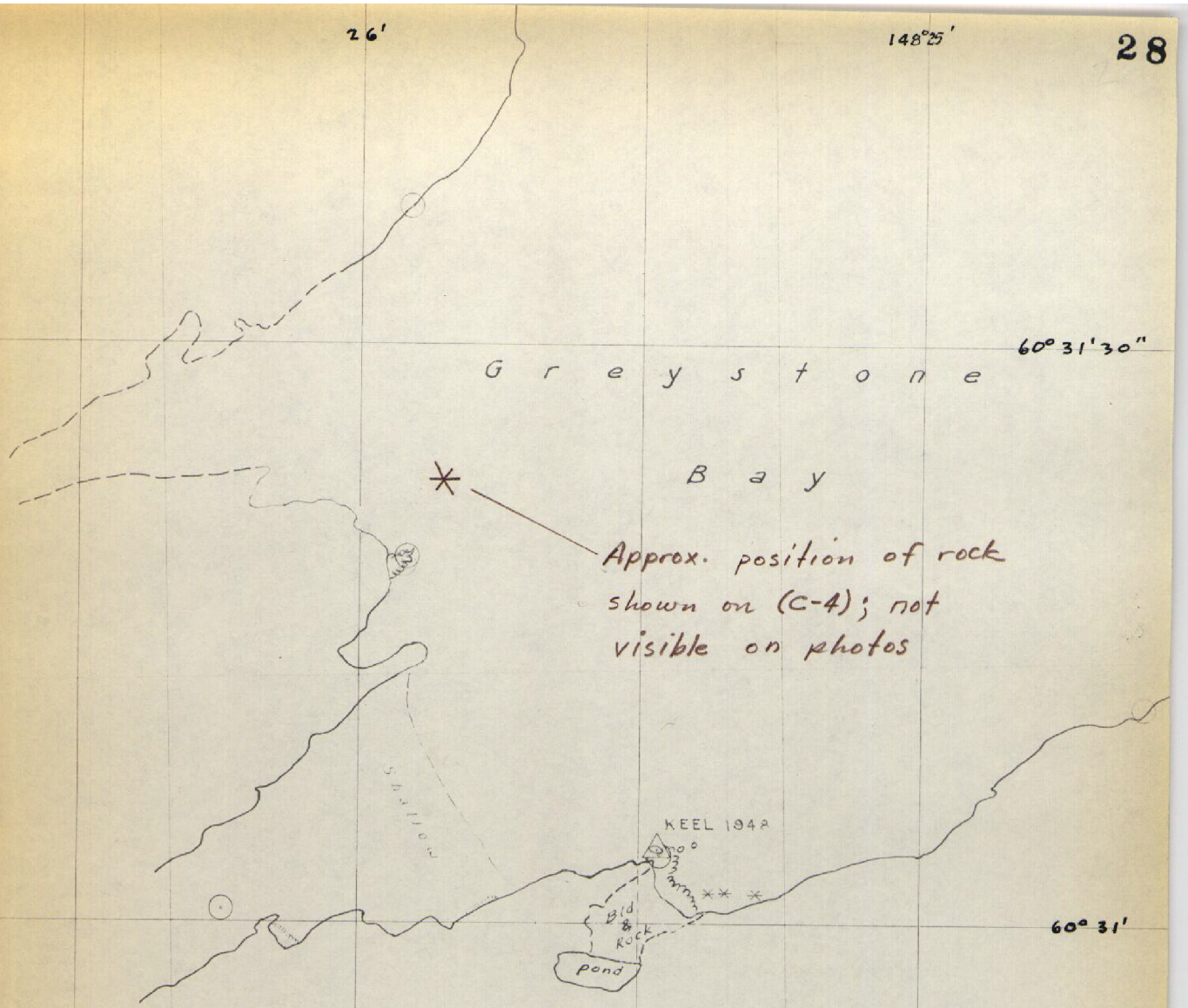
Rocks not visible on photos.

APPROX

60° 32'

28'

148° 27'



COMPARISON PRINT

Brown = SEWARD (C-4)

148° 22'

Approx. position of islet shown on (C-4); not visible on photos

60° 31'

NAVEL 1948

54 W 2508

COMPARISON PRINT

Brown = SEWARD (C-4)

LIAR 1948

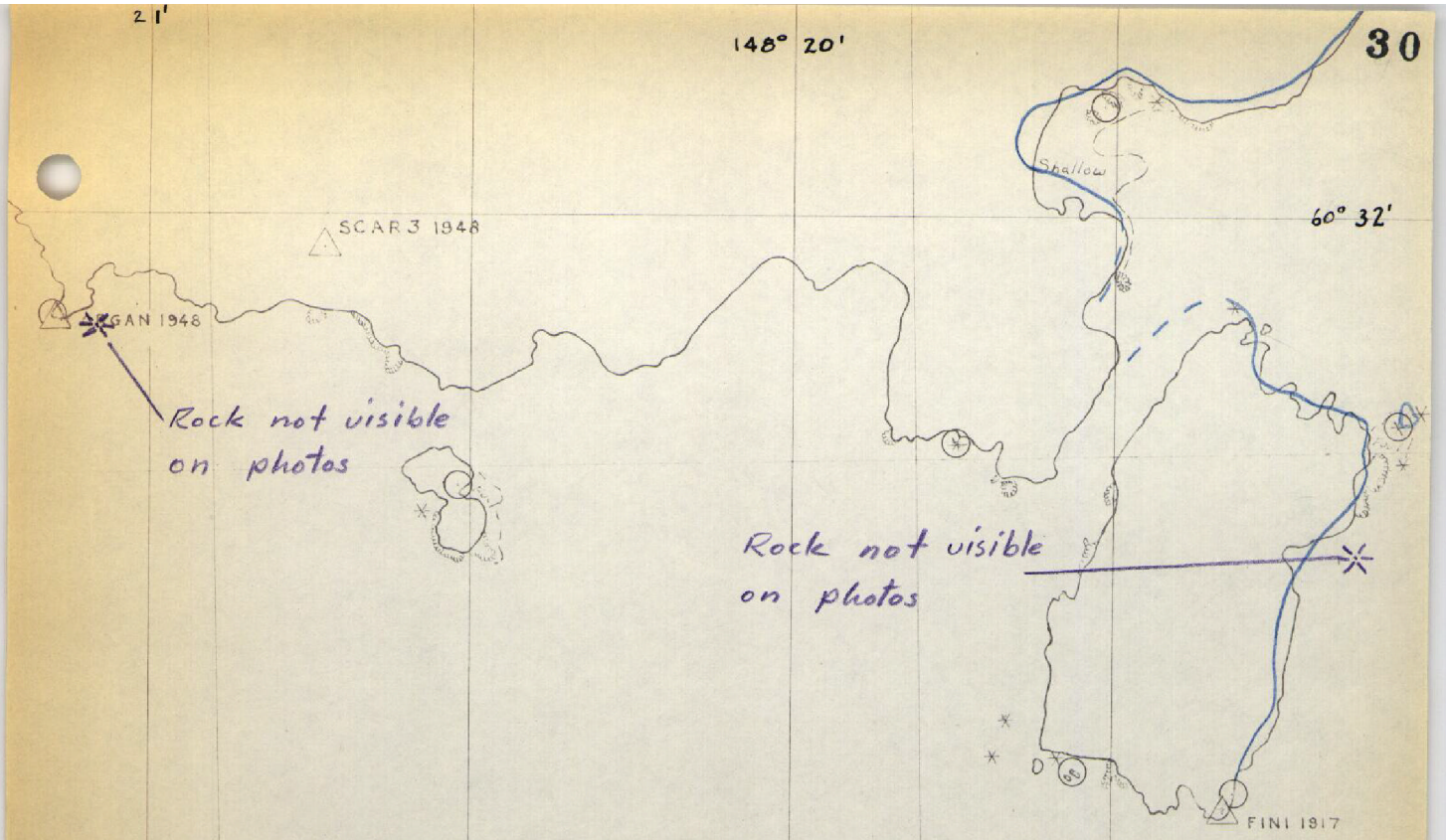
Deep Water Bay

60° 30'

JOINS SURVEY NO. T-9124

23'

148° 22'



COMPARISON PRINT

Blue = T-3676
Purple = H-8594

148° 19'

18'

60° 33' 30"

y=6,714,000

COMPARISON PRINT

Blue = T-3676
Purple = H-8594
Red = Chart 8517
Brown = SEWARD (C-4)

60° 33' 0

RIPE 1948

Approx. position of rock shown on (C-4); not visible on photos

Shallow

Shallow

Foul

Island this size not visible on photos.

Rock not visible on photos

148° 18'

← Also Chart 8517

Shallow

19'

NAUTICAL CHARTS BRANCH

SURVEY NO. 9122

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
9-4-58	8517	R.E. Elkins	Before ~~After Verification and~~ Review (incomplete manuscript) Partly applied.
			Revised shoreline at Deep Water Bay
11/22/71	8517	E. Frey	~~Before~~ After Verification and Review
			Examined for critical corrections only - no revisions
6/17/76	8551	M. D. Kanis	~~Before~~ After Verification and Review Examined for
			critical corrections this chart 8517 - no corr.
5/17/77	8551	H. Borowski	~~Before~~ After Verification and Review added
			several Rock awash and islets directly to this chart -
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.