

10404

ORIGINAL

10404

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-10404</u>
LOCALITY
State <u>Southeastern Alaska</u>
General locality <u>Sea Otter Sound</u>
Locality <u>Turn Point</u>
<u>1953 1956.57</u>
CHIEF OF PARTY
<u>E. W. Richards, Chief of Field Party</u>
<u>W. F. Deane, Baltimore District Officer</u>
LIBRARY & ARCHIVES
DATE _____

USCOMM-OC 5087

DESCRIPTIVE REPORT - DATA RECORD

T - 10404

Project No. (II): Ph-87

Quadrangle Name (IV):

Field Office (II): C&GS Ship HODGSON

Chief of Party: R. A. Earle
E. W. Richards

Photogrammetric Office (III): Baltimore, Md.

Officer-in-Charge: W. F. Deane

Instructions dated (II) (III):

Copy filed in Division of
Photogrammetry (IV)

Field: 25 Jan. 1955 Office: 7 Nov. 1955
21 Nov. 1956 13 Nov. 1956
23 Nov. 1956
30 Oct. 1957

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): JAN 14 1958

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III): MHW

Mean sea level except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (2) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): TURN, 1904

Lat.: 55° 50' 43.773" (1353.8 m) Long.: 133° 21' 35.361" (615.3m)

Adjusted
~~MEAN SEA LEVEL~~

Plane Coordinates (IV):

State: Alaska

Zone: 8

Y=

X=

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office,
or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.

DESCRIPTIVE REPORT - DATA RECORD

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Field Inspection by (II): J. P. Randall, A. M. Legako
J. P. Randall, M. D. Christenson, L. D. Thurman

Date: 1956 field season
1957 " "

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): 1955, date of photography
Office interpretation, verified by field inspection.

Projection and Grids ruled by (IV): A. Riley

Date: 1/13/56

Projection and Grids checked by (IV): H. D. Wolfe

Date: 1/18/56

Control plotted by (III): A. Queen

Date: 7/16/56

Control checked by (III): L. A. Senasack

Date: 7/16/56

Radial Plot of ~~Stereoscopic~~

Date: 3/14/57

~~Contour extension~~ by (III): L. A. Senasack

Planimetry
Stereoscopic Instrument compilation (III):
Contours

Date:

Date:

Manuscript delineated by (III): J. Y. Councill
J. Honick

Date: 2/11/57
11/25/57

Photogrammetric Office Review by (III): R. Glaser

Date: 11/29/57

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

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

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
41522	8/22/53	1105	1:10,000	7.9 above MLLW
52037	8/22/55	0936	"	1.2 " "
52077 thru 52079	"	1004	"	1.1 " "
52164 thru 52167	9/22/55	1124	"	3.8 " "

Tide (III) From predicted tide tables

Diurnal

Reference Station: **Sitka**
Subordinate Station: **Karheen, Sea Otter Sound**
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
	7.7	9.9
	8.4	10.6

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

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (III): **11**

Shoreline (Less than 200 meters to opposite shore) (III): **2**

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): **5**

Recovered: **5**

Identified: **5**

Number of BMs searched for (II): **None**

Recovered:

Identified:

Number of Recoverable Photo Stations established (III): **None**

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

Remarks:

T-10404

COMPILATION RECORD	COMPLETION DATE	REMARKS
Compiled "INCOMPLETE"	1956	Superseded
Compiled "ADVANCE"	Nov. 1957	"
Final Review	Mar. 1969	

SHORELINE MAPPING PROJECT PH- 87

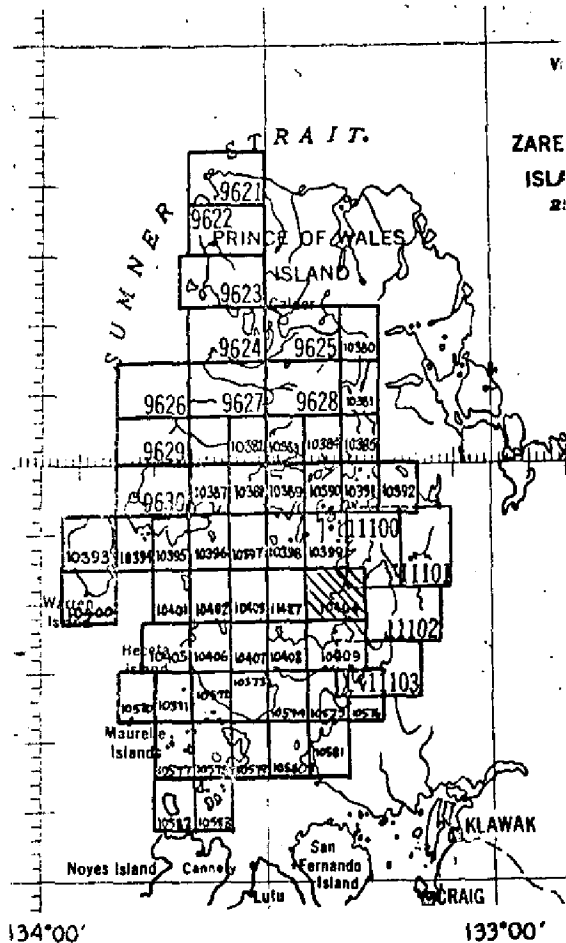
Prince of Wales Island, Alaska

5

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	6
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	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 412 378

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-10404

Shoreline survey T-10404 is one of 58 similar surveys in project PH-87. It covers part of the shoreline of Sea Otter Sound in the vicinity of Turn Point. The primary purpose of the project was to provide new shoreline for nautical charts and photo-hydro support data for hydrographic surveys. See page-5 of the descriptive report for the area of the survey within the project.

This survey was originally compiled as a preliminary manuscript. After field identification of horizontal control in 1956 and field inspection in 1957 the manuscript was corrected and classified as advance.

Compilation was by graphic methods at 1:10,000 scale using the nine-lens photography of August 1953 and August and September 1955. Photo-hydro support data was subsequently provided for preparation of the boat sheet, location of hydro signals and field edit use.

The manuscript was a vinylite sheet 3 3/4 minutes in latitude by 7 1/2 minutes in longitude which was smooth drafted and reproduced on cronaflex. One cronaflex positive and a negative are forwarded for record and registry.

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FIELD INSPECTION REPORT

FOR

DAVIDSON INLET, WHITE CLIFF PASSAGE,
SEA OTTER SOUND, AND EL CAPITAN PASS

1956 FIELD SEASON

MANUSCRIPTS NO'D. 10397 - 10399; 11427
- 10404; and 11100 (PART).

*1957 Report in -
cluded in the Descriptive
Report for T-10403.*

2. AREAL FIELD INSPECTION:

The area covered by this report lies along the northern part of Sea Otter Sound between the eastern shores of Davidson Inlet and the southern reaches of El Capitan Pass. It includes areas around White Cliff Passage, Cyprus Cove, etc..

There are no habitations within this area.

Densities and tones were not inspected on the land. In the water areas; shoals and kelp which were discernable, were noted on the photographs or boat sheets.

Photographic coverage was poor over large areas due to the elongated shadows and the varying densities of the photographic prints.

3. HORIZONTAL CONTROL:

White Cliff Passage and Hoot Island Rock navigational lights were located by triangulation. Hoot Island Light was also identified on the photographs.

4 & 5. Inapplicable.

6. WOODLAND COVER:

All land areas, with the exception of small logged off areas and muskeg, are covered with dense coniferous trees.

7. SHORELINE AND ALONGSHORE FEATURES:

(a). The shoreline was inspected from the beach at all photo-hydro stations and from the boat at all other locations.

- (b). The low water line corresponds with the offshore edge of the light color tone on alongshore and offshore shoal features.
- (c). The foreshore consists of rock and boulders with a few areas of sand and gravel at the head of bights.
- (d). No bluffs or cliffs are noteworthy other than White Cliff which is already noted on Chart 8171. All bluffs though unimportant to navigation have been noted on either manuscripts or photographs.

8. OFFSHORE FEATURES:

All apparent offshore features were visited and where it was possible landings were made. All visible rocks and shoals were defined on the field photographs and the heights or depths, times and dates pertaining to each feature were noted. All heights were estimated and all depths were measured.

All rocks not visible on the photographs were located by the hydrographer. All objects which were erroneously identified by the compiler were noted on the photographs and or on the manuscripts.

9. LANDMARKS AND AIDS:

The two fixed aids to navigation, which were located by triangulation are:

1. White Cliff Passage Light
2. Hoot Island Rock Light

10. INAPPLICABLE.

11. OTHER CONTROL:

Following this paragraph is the list of photo-hydro signals. The method used for their location is also given. The information necessary for the location of the signals is given on the back of the field photographs. Certain specified signals, on Manuscripts T-10399 and T-11100, must be replotted using photographs with centers that fall over the area. These

photographs were not available, thus it was necessary to locate these few signals by radial plot from distant photographs.

PHOTO HYDRO SIGNALS BY MANUSCRIPTS

NAME	METHOD LOCATED	NO. PHOTO	MANUSCRIPT NO.
AMY	Direct	41484	T-10397
ANT	"	"	"
BUS	"	"	"
CAR	"	"	"
DIX	Angle & Dist.	"	"
EMO	Direct	"	"
FRY	"	"	"
HOE	Angle & Dist.	"	"
RUT	Direct	"	"
AHA	"	41519	T-10398
ALP	"	41520	"
ANN	Angle & Dist.	41487	"
AXE	Direct	41519	"
BAT	"	41488	"
BOX	"	"	"
BUM	"	41519	"
CRY	"	41488	"
CUR	"	41484	"
DIM	Angle & Dist.	41488	"
DON	Direct	41519	"
DOT	"	41488	"
EIM	"	"	"
ERA	Angle & Dist.	41519	"
FIL	Direct	41488	"
FAT	"	41519	"
FIX	"	"	"
FLY	Angle & Dist.	41488	"
FUN	Direct	41519	"
GAD	"	41484	"
GIG	"	41488	"
GOT	"	41519	"
GUS	"	41487	"
HAT	Angle & Dist.	41484	"
HIS	Direct	41519	"
HUB	"	41487	"
ICE	Angle & Dist.	"	"
ITS	Direct	"	"
JAR	"	41520	"
JAW	Angle & Dist.	41519	"
JIB	Direct	41488	"
JIM	"	41487	"
JOB	"	41488	"
KED	"	41488	"
LET	"	41487	"
LIP	"	41519	"
LOG	"	41488	"
LOW	"	"	"

NAME	METHOD LOCATED	NO. PHOTO	MANUSCRIPT NO.
LOU	Direct	41519	T-10398
MAW	"	"	"
MOP	"	41487	"
MUM	Angle & Dist.	"	"
NEO	Direct	41519	"
NEW	"	41520	"
NIX	Angle & Dist.	41487	"
NOW	Angle & Dist.	41488	"
OBI	"	41520	"
ODD	Direct	41487	"
OHM	Angle & Dist.	41519	"
PIT	Direct	"	"
RHO	Angle & Dist.	41488	"
RIM	Direct	41519	"
RUB	"	"	"
SAM	"	"	"
SET	"	"	"
SOW	"	"	"
THY	"	"	"
THE	Angle & Dist.	"	"
WAG	" " "	41518	"
WAR	" " "	41484	"
WAX	Direct	41518	"
WHO	"	41519	"
YAK	Angle & Dist.	41518	"
ZAM	Direct	"	"
ABE	Angle & Dist.	41520	T-10399
ACT	Direct	"	"
ART	"	52147	"
BAH	"	52164	"
BED	"	41520	"
BIB	"	"	"
BIG	Angle & Dist.	52146	"
BOB	Direct	"	"
CAT	"	41520	"
COP	"	52164	"
CUE	"	41519	"
DAW	"	52146	"
DAY	"	41520	"
DEB	Angle & Dist.	"	"
EST	" " "	"	"
FEW	" " "	"	"
GAL	Direct	"	"
GEE	"	"	"
GEL	"	52146	"
HAL	"	41519	"
HAW	"	41520	"
HID	"	41521	"
IDA	"	"	"
JOE	Angle & Dist.	"	"
KID	" " "	52147	"
KIM	" " "	41520	"

NAME	METHOD LOCATED	NO. PHOTO	MANUSCRIPT NO.
LAD	Direct	41520	T-10399
LEG	"	52146	"
MAR	"	"	"
NED	"	52147	"
OWL	Angle & Dist.	"	"
REV	Direct	41521	"
SEW	"	52164	"
SLO	Angle & Dist.	52164	"
TEA	Direct	41519	"
WEN	"	41519	"
WOE	"	41520	"
ACE	"	52165	T-10404
ADO	"	52164	"
BAG	"	52078	"
BOA	"	"	"
CON	"	"	"
DIP	"	52165	"
EBB	Angle & Dist.	"	"
FEZ	Direct	52078	"
HUM	"	"	"
JAY	"	52165	"
JUT	"	52078	"
KEN	"	52165	"
LAX	"	"	"
MAL	"	"	"
NUT	Angle & Dist.	"	"
OIL	Direct	"	"
PAD	"	"	"
QUO	"	"	"
ROT	"	"	"
SIG	"	"	"
TAX	"	"	"
VIA	Angle & Dist.	"	"
WAS	Direct	"	"
YAK	Angle & Dist.	52164	"
ZOO	" " "	"	"
CAB	" " "	52147	T-11100-A
DIF	Direct	"	"
EAR	"	52164	"
EGG	"	52147	"
FAR	"	52164	"
FIT	"	"	"
GEM	"	52147	"
HER	"	"	"
JOY	"	"	"
BON	"	52035	T-11127
CLU	Angle & Dist.	"	"

12. INAPPLICABLE.

13. GEOGRAPHIC NAMES:

A special report on Geographic Names will be forwarded.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA:

Forwarded to the Director:

- (1). Control Station Identification Cards forwarded 16 October via transmitting letter HDG-56-13.
- (2). Nine Lens Office Photographs forwarded 16 October via transmitting letter HDG-56-13.
- (3). Nine Lens Field Photographs forwarded 22 October via transmitting letter HDG-56-14.
- (4). Blue-line Tracings and Black-line Impressions forwarded via transmitting letter HDG-56-14.
- (5). Tidal Data.

15. NOTES TO THE COMPILER:

The shoreline as shown on these manuscripts was quite accurate except in the large and numerous shadowed areas. All shadowed shoreline was cut in by planetable or sextant angles and located on the photographs or manuscripts.

Numerous rocks must be inserted and a few deleted from the manuscripts.

These were located on photographs and boat sheets.

No important jumps were noted in the sounding lines.

Respectfully submitted,

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

Approved and forwarded:

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

PHOTOGRAMMETRIC PLOT REPORT

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

21. AREA COVERED

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

22. METHOD - RADIAL PLOT

Map Manuscripts:

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

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

Base sheets were prepared in this office.

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

Photographs:

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

41320 thru 41325
41691 and 41692
41713 and 41714
41728 and 41729

51994 thru 52006
52029 thru 52035
52037B thru 52041
52073 thru 52079
52165 thru 52169

Templets:

Vinylite templets were made for all photographs using a master templet to correct for errors due to paper distortion and chamber displacement.

Closure and Adjustment to Control:

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

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

Transfer of Points:

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

23. ADEQUACY OF CONTROL

There was adequate control to obtain a satisfactory radial plot.

The following stations could not be held in the plot.

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

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

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

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

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

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

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

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

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

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

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

MIKE, 1907
SILLA, 1914
OWL, 1904
COON, 1904
LINE, 1952

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

24. SUPPLEMENTAL DATA

None.

25. PHOTOGRAPHY

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

Respectfully submitted
14 March 1957

Leroy A. Senasack
Carto. Photo. Aid

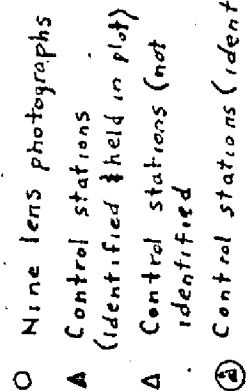
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LIST OF CONTROL NOT IDENTIFIED

Project 27070 (6087)

Surveys - T-10402 thru 10409 & T-11427

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

SURVEYS: T-10402 thru T-10409 and T-11427



MAP T. 10404

PROJECT NO. 27070(6087)

SCALE OF MAP 1:10,000

SCALE FACTOR

[illegible]

7 FT. = 3048006 METER

COMPUTED BY: H. R. Rudolph

DATE 16 January 1956

CHECKED BY: **A. Queen**

DATE 7 February 1956

COMM-DC-57843

COMPILATION REPORT
T-10404

Field Inspection Reports:

1. Report for the 1956 season is part of ^{this D} the ^R descriptive report, ~~for Surveys T-10397 and T-10398.~~
2. Report for the 1957 season is part of the descriptive report for Survey T-10403.

Photogrammetric Plot Report is part of ^{this D} the ^R descriptive report ~~for Survey T-10403.~~

31. DELINEATION

This manuscript was delineated by graphic methods.

The broken HWL indicates shoreline which was obscured by deep shadow or relief displacement and not surveyed by the field party.

32. CONTROL

Refer to the Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

Copies of the following boat sheets were available for purposes of comparison:

H-8288 (HO 1356 and HO 1356A)
H-8392 (HO 1457)
H-8393 (HO 1557)

34. CONTOURS AND DRAINAGE

Contours: Inapplicable.
Drainage: No comment.

35. SHORELINE AND ALONGSHORE DETAILS

This manuscript was delineated by office interpretation and corrected using field inspection obtained during the 1956 and 1957 seasons. See item 15 of the 1956 field report and item 7 (a) of the 1957 field report.

An approximate low water line was delineated from the photographs taken near low tide.

36. OFFSHORE DETAILS

Refer to item 8 of the 1956 field report and item 8 of the 1957 field report.

37. LANDMARKS AND AIDS

Peek Rock Light was located by triangulation during the 1957 season, but no field Form 567 was available. A Form 567 was made in this office.

38. CONTROL FOR FUTURE SURVEYS

Refer to the hydrographic data for the photo-hydro signals located on the blackline impressions of this manuscript. There are no recoverable topographic stations.

39. JUNCTIONS

Junctions with adjacent surveys in this project have been made.

40. HORIZONTAL AND VERTICAL ACCURACY

Refer to the photogrammetric plot report.

41.- 45. Inapplicable.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with the USGS Craig (D-5) quadrangle, scale 1:63,360, published 1951.

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.

Approved and forwarded

William F. Deane
William F. Deane,
CDR C&GS
Baltimore District Office

Respectfully submitted
25 November 1957

Joseph W. Vonasek
Joseph W. Vonasek
Carto. (Photo.)

GEOGRAPHIC NAMES
FINAL NAME SHEET
PH-87 (Sea Otter Sound, Alaska)
T-10404

Garden Island

Karheen Passage

Peep Rock

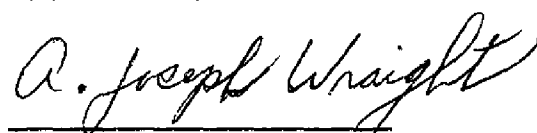
Scott Lagoon

Sea Otter Sound

Turn Point

Tuxekan Island

Approved by:


A. Joseph Wraight
Chief Geographer

Prepared by:


Frank W. Pickett
Cartographic Technician

29 Nov 1957

Form T-2

22

50 -

PHOTOGRAMMETRIC OFFICE REVIEW

T- 10404

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. P. Glaser
ReviewerJoseph Steinberg
Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

Refer Compilation Report, Item 35

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-10404
SHORELINE
MARCH 26, 1969

61. GENERAL STATEMENT:

See Summary which is page 6 of the Descriptive Report.

This survey was originally compiled as a preliminary manuscript. After field identification of horizontal control and field inspection the manuscript was corrected and classified as advance. There is no field edit sheet or field edit report for the survey.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Comparison was made with a copy of registered survey No. 2692, a 1:20,000 scale planetable survey made in 1904. The passage of time has made that survey obsolete. It is superseded by T-10404 for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Comparison was made with USGS CRAIG (D-4) and CRAIG (D-5) ALASKA, 15x20 minute quadrangles, 1:63,360 scale, editions of 1949 and 1951 respectively. The USGS quadrangles and survey T-10404 are in good agreement.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with copies of reviewed surveys H-8288, H-8392 and unreviewed survey H-8393. There are no discrepancies between the shoreline of the three hydrographic surveys and T-10404 nor are there any discrepancies between the rocks as shown on these surveys.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with chart 8171, 8th edition, June 10, 1958. A number of rocks on the chart appear as reefs on the photographs. These have been noted on the comparison print in red.


66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

Field photographs 52037, 52076 thru 52078 and office photographs 41522, 52037, 52076 thru 52079 and 62164 thru 62167 were examined during final review.


Approved by:

Reviewed by:

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


Leo F. Beugnet

Approved by:


Chief, Photogrammetric Branch *PH*


Chief, Photogrammetry Division

Chief, Nautical Chart Division

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS/

TO BE CHARTERED
22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854.

STRIKE OUT TWO

20 December 1957

I recommend that the following objects which have ~~been~~ been inspected from seaward to determine their value as landmarks be charted on ~~NAUTICAL~~ *NAUTICAL* from the charts indicated.

The positions given have been checked after listing by R. Glaser

William F. Deane, Chief of Party.

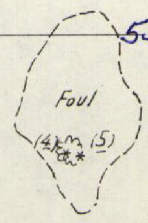
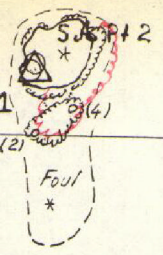
[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

DUCK 1904-22

Sub Pt 1



appear only as reefs

Awash MHW

Foul

Awash A

Sub Pt 4

TURN 1904

TURN PT

(5)

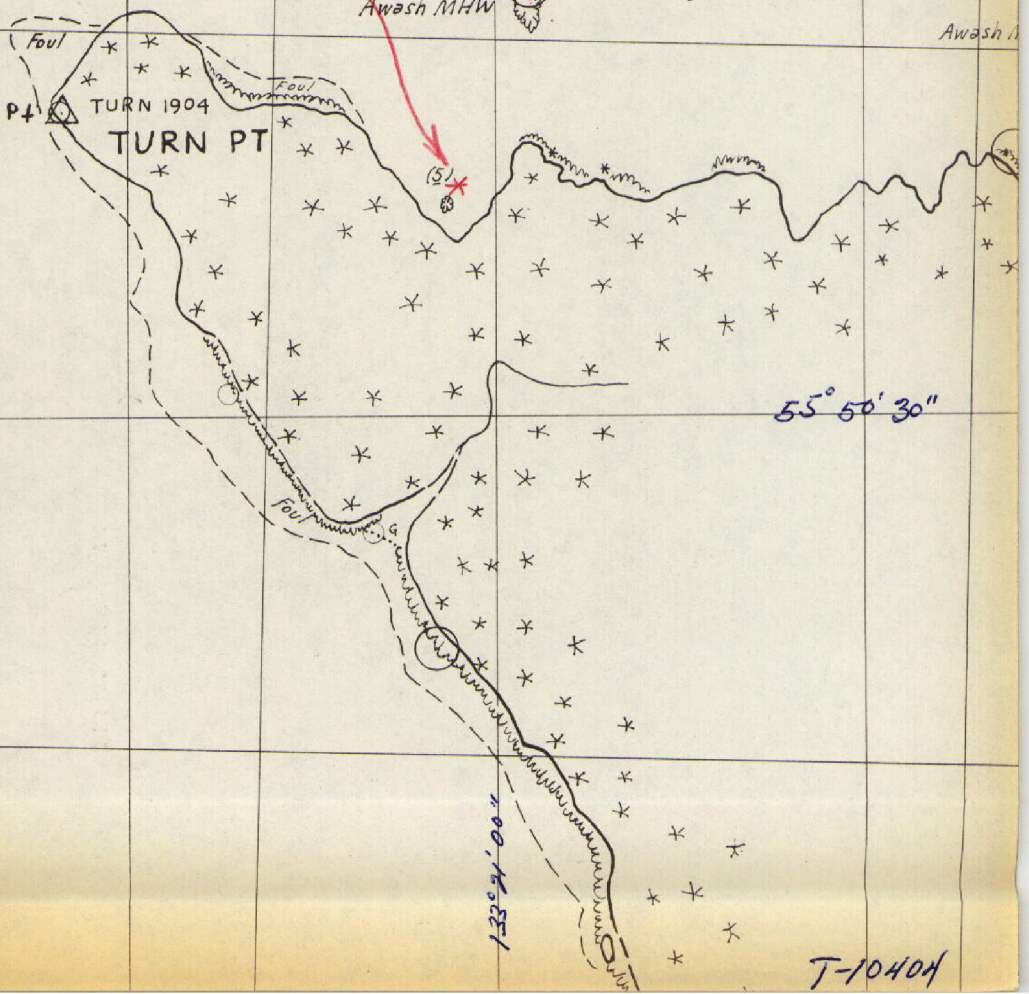
55° 50' 30"

2078

133° 22' 00"

133° 24' 00"

T-10404

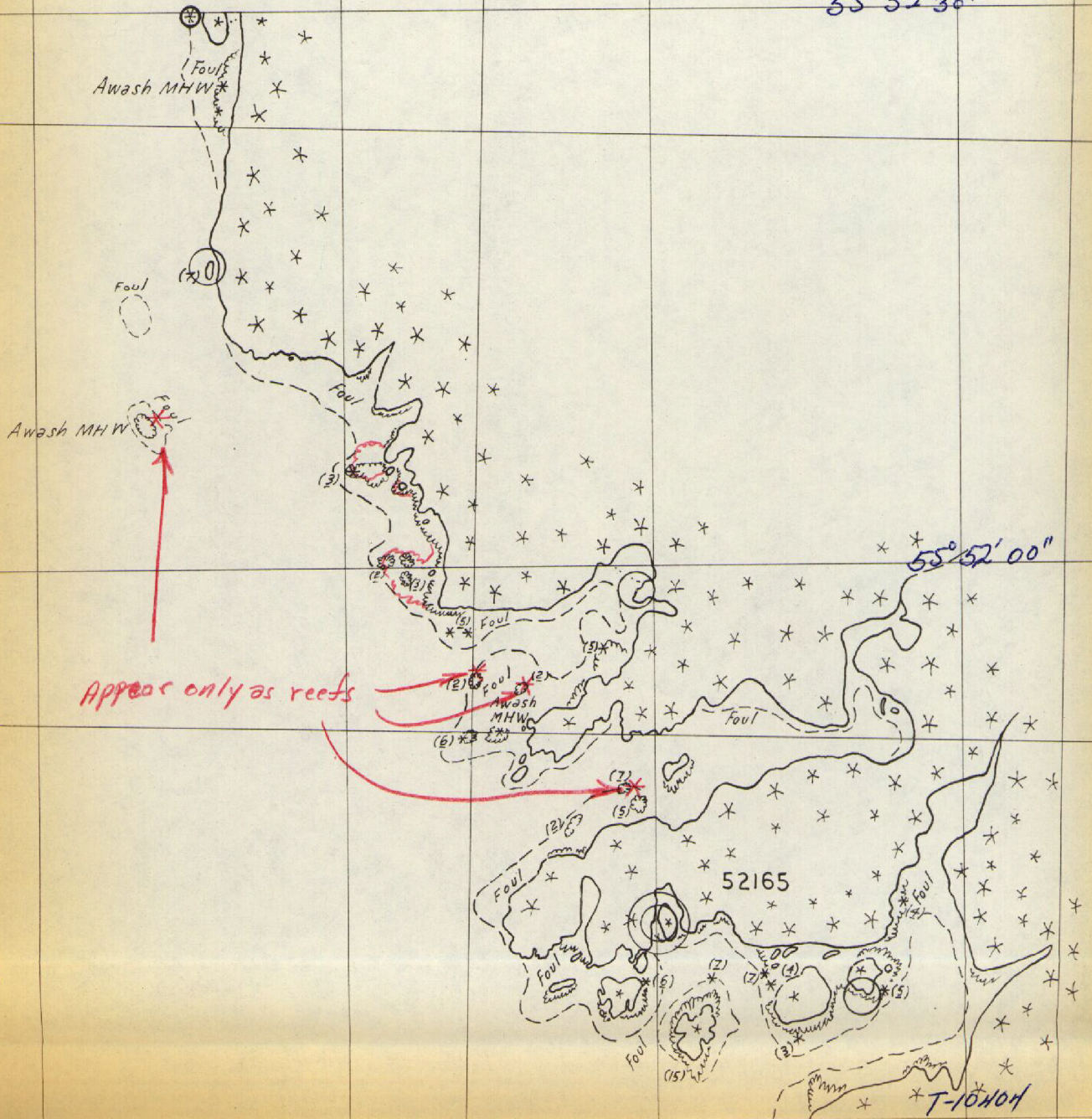


T-10399

133° 21' 00"

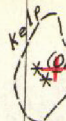
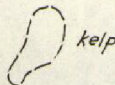
133° 20'

55° 52' 30"



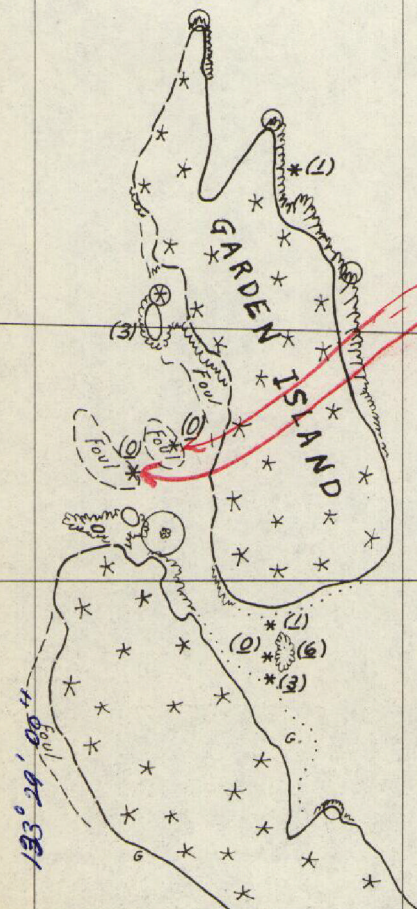


ISLE 1904
Sub Pt

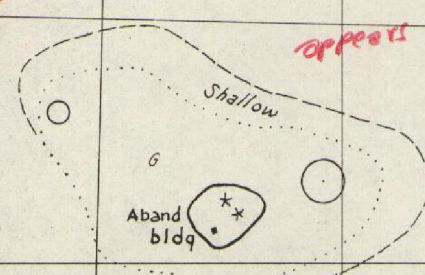


← one rk on chart

55° 49' 30"



shown as reef



appears as reef



Sub Pt 1

awash MHW

133° 29' 00"

133° 22' 00"

55° 48' 45"

JOINS

23'

22'

T-10404