T-13275

NOAA FORM 76-35

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT

Type of Survey Shoreline (Photogrammetric)

Job No. PH-6301 *Map No.* T-13275

Classification No. Final *Edition No.* 1

Field Edited Map

LOCALITY

State Alaska

General Locality Kamishak Bay

Locality Bruin Bay, Kirschner Lake

1962 TO 1968-1971

REGISTRY IN ARCHIVES

DATE

T-13275

☆ U.S. GOVERNMENT PRINTING OFFICE: 1972-760-593

FORM C&GS-181a
(3-66)

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

(1)

DESCRIPTIVE REPORT - DATA RECORD

T-13275

PROJECT NO. (II):

PH-6301

FIELD OFFICE (II):	CHIEF OF PARTY
None	
PHOTOGRAMMETRIC OFFICE (III):	**OFFICER-IN-CHARGE**
Atlantic Marine Center - Norfolk, VA	J. Bull, Director

INSTRUCTIONS DATED (II) (III):

OFFICE, March 18, 1965
OFFICE, Supplement I - February 10, 1966
OFFICE, Supplement II - May 5, 1967
OFFICE, Supplement III-December 27, 1967
OFFICE, Supplement IV - April 2, 1968
OFFICE, Supplement V - April 9, 1968

METHOD OF COMPILATION (III):

Graphic

MANUSCRIPT SCALE (III):	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):
10,000	
DATE RECEIVED IN WASHINGTON OFFICE (IV):	**DATE REPORTED TO NAUTICAL CHART BRANCH (IV):**

APPLIED TO CHART NO.	DATE:	DATE REGISTERED (IV):
	MAY 1976	K. CATOR

GEOGRAPHIC DATUM (III):	VERTICAL DATUM (III): MHW
N.A. 1927	~~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):

KIRSCHNER, 1967

LAT.:	LONG.:	
59°25'10.175" (314.9M)	153°53'07.112" (112.2M)	☐ ADJUSTED ☒ UNADJUSTED

PLANE COORDINATES (IV):		STATE	ZONE
Y = 979,779.31ft.	X = 521,361.98 ft.	Alaska	5

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.

USCOMM-DC 36992-P66

FORM C&GS-1815
(3-66)

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

(2)

DESCRIPTIVE REPORT - DATA RECORD

T-13275

FIELD INSPECTION BY (II):	DATE:
None	

MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):

Office interpretation of photography taken in June 1962 and July 1967

PROJECTION AND GRIDS RULED BY (IV): A. Bethea	DATE: April 15,1968
PROJECTION AND GRIDS CHECKED BY (IV): L.F. VanScoy	DATE: April 16, 1968
CONTROL PLOTTED BY (III): J. Steinberg	DATE: April 18, 1968
CONTROL CHECKED BY (III): V.E. Serena	DATE: April 18, 1968
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): P.J. Dempsey (for 1:20,000 compilation) T-12330	DATE: Jan. 22, 1968
STEREOSCOPIC INSTRUMENT COMPILATION (III): PLANIMETRY: A.L. Shands	DATE: May 13, 1968
CONTOURS: Inapplicable	DATE:
MANUSCRIPT DELINEATED BY (III): L.L. Graves	DATE: May 20, 1968
SCRIBING BY (III):	DATE:
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): (Unknown)	DATE:

REMARKS: Field edit by Alan P. Vonderohe, July 1971. (Field edit also 1968 same ozalid).

FORM C&GS-181c
(3-66)

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

(3)

DESCRIPTIVE REPORT - DATA RECORD

T-13275

CAMERA (KIND OR SOURCE) (III):
U.S.C&GS Type "W" and "M" *

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
62W7187 thru 7190	6/27/62	1445	1:30,000	8.5' above MLLW
62W6637	6/18/62	1509	1:30,000	13.5' above MLLW
67M863 thru 865	7/9/67	0929	1:60,000	2.2' below MLLW

PREDICTED TIDE (III) — DIURNAL

	RATIO OF RANGES	MEAN RANGE	~~SPRING~~ RANGE
REFERENCE STATION: SELDOVIA, KACHEMAK BAY, ALASKA		15.4	17.8
SUBORDINATE STATION: ILIAMNA BAY, ALASKA	H=0.81 L=0.87	12.3	14.5
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV): J.B. Phillips — DATE: April 1976

PROOF EDIT BY (IV): — DATE:

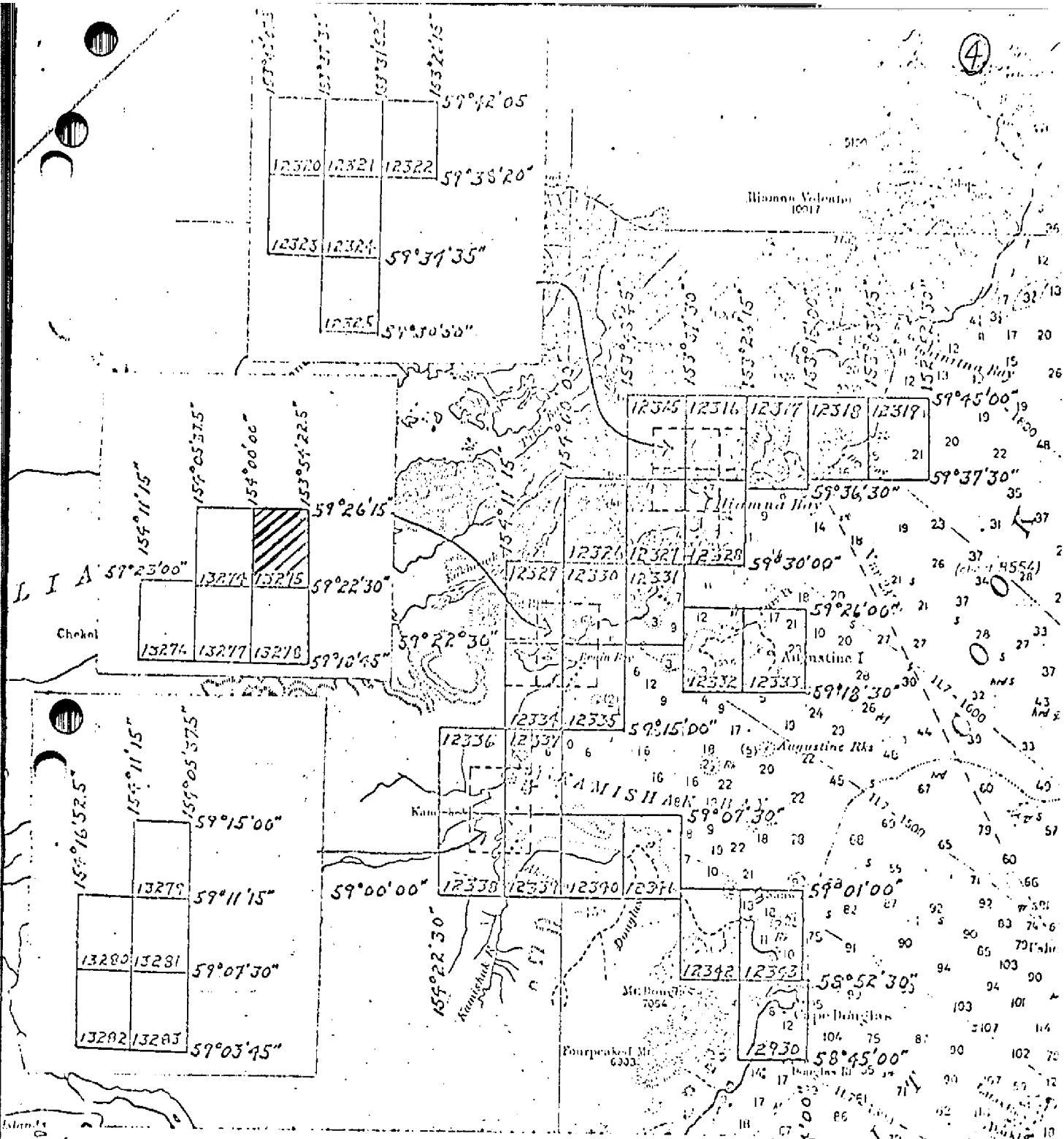
NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 0	RECOVERED: 0	IDENTIFIED: 0	
NUMBER OF BM(S) SEARCHED FOR (II): 0	RECOVERED: 0	IDENTIFIED 0	

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): 0

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): 0

REMARKS:

*"M" photography at 1:60,000 scale used for compilation of T-12330.



JOB PH-6301 (PART-1)

COOK INLET, ALASKA

SHORELINE MAPPING

Scale 1:10,000 & 1:20,000

Revised 4-3-68 L.F.V.

SUMMARY

T-13275 is one of 40 shoreline maps comprising Job PH-6301 (Part I) compiled for use in contemporary hydrographic survey and nautical charting operations.

Field work, prior to compilation, consisted of the recovery and identification of horizontal control.

Compilation was by Wild B-8 stereoplotter, using 1:30,000 scale color photography. Cronaflex positives and ozalids of the manuscript were forwarded for the use of the field editor and the preparation of the hydrographer's boat sheets. Accompanying these were specially prepared ratio photographs to aid in the location of hydrographic signals.

Final edit was accomplished during 1968-1971

Final review was accomplished at the Rockville Office in April 1976

A cronaflex positive copy of the map and a Descriptive Report will be registered in the NOS Archives.

(6)

T-13275

COMPILATION RECORD	COMPLETION DATE	REMARKS
Compilation complete pending field edit		
Alongshore area for hydro	May. 17, 1968	Superseded
Field Edit Applied	Nov. 1972	

(7)

FIELD INSPECTION

(4)-T-13275

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and identification of the horizontal control necessary for the aerotriangulation of the project.

(8)

PHOTOGRAMMETRIC PLOT REPORT
Job PH-6301
Kamishak Bay, Alaska

January 22, 1968

21. Area Covered

This report covers the northern part of Kamishak Bay, Alaska, consisting of thirteen (13) 1:20,000 scale map manuscripts -- T-12315 thru T-12319, T-12326 thru T-12331, T-12334 and T-12335, and six (6) 1:10,000 scale map manuscripts -- T-12320 thru T-12325.

22. Method

Analytic aerotriangulation methods were used to bridge strips 1, 2 and 3 at 1:60,000 scale using premarked and field identified control. Numerous tie points were located to control strips 41, 42 and 43, which were bridged by stereoplanigraph.

The attached sketch of strips bridged shows the placement of triangulation used in the final strip adjustments. Closures to control are shown on the IBM readouts along with all the bridge points.

23. Adequacy of Control

Horizontal control was adequate for bridging strips 1, 2 and 3. Strips 41, 42 and 43 were bridged using tie points and are adequate. The premarked paneling at Station OIL, 1913 was removed prior to photography and could not be identified. Station TENDER, 1967 fell off of model and was not used. SKIN, 1967, Subpoint A and Subpoint B, were too poor to read and were not used in the adjustment.

24. Supplemental Data

Vertical control needed for the adjustment was taken from USGS quadrangles.

25. Photography

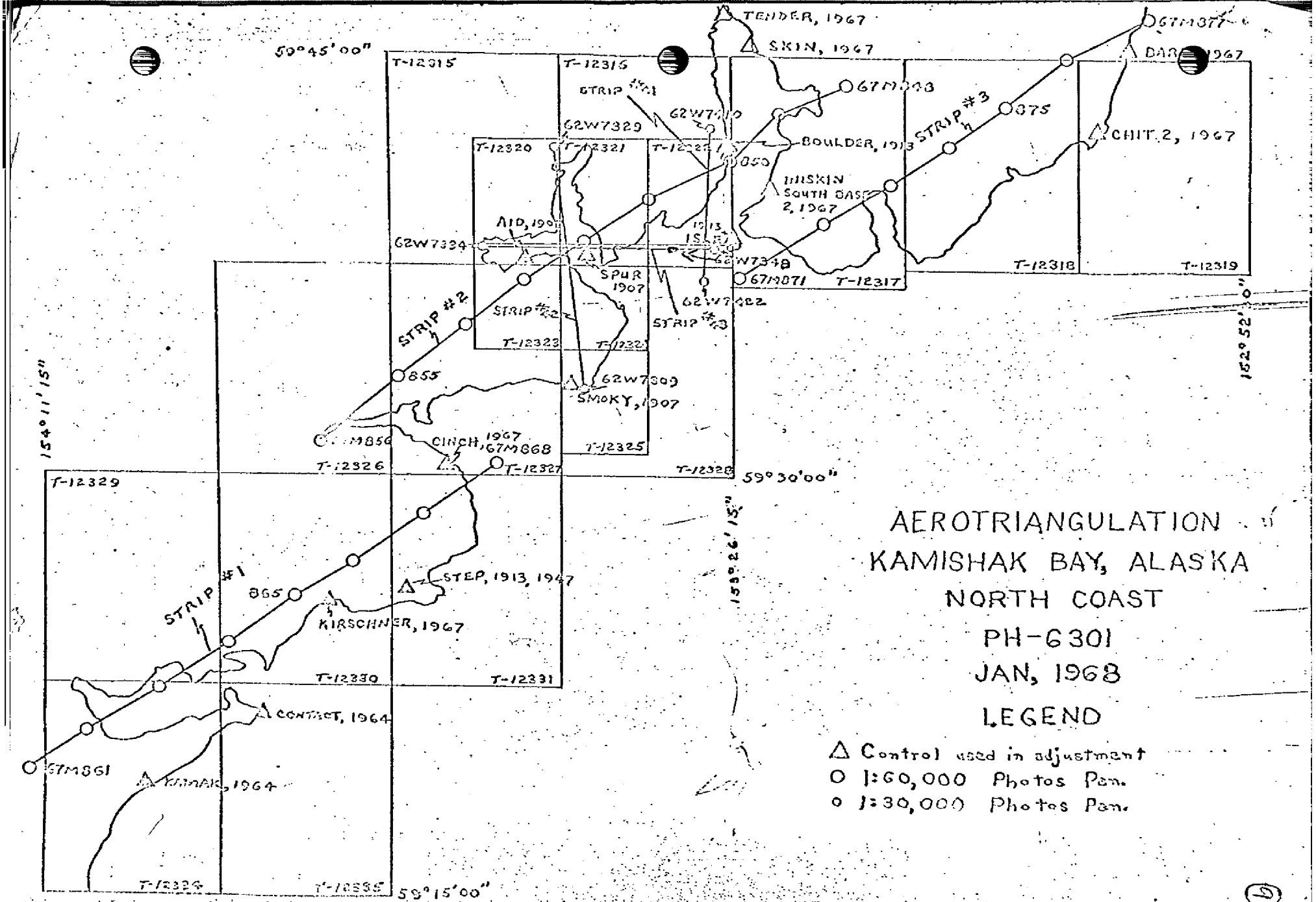
The definition and quality of the RC-9 and RC-8 photography were good. Ratio prints have been ordered to compilation scale.

Submitted by:

P. J. Dempsey

Approved and forwarded:

H. P. Eichert, Chief
Aerotriangulation Section


59°45'00"
T-12315
T-12316
TENDER, 1967
SKIN, 1967
67M377
BAR, 1967
STRIP #1
62W7329
62W7330
67M348
T-12320
T-12321
T-12322
BOULDER, 1913
STRIP #3
375
CHIT. 2, 1967
IRISKIN SOUTH BASE 2, 1967
AID, 1907
62W7334
62W7348
SPUR 1907
67M371
T-12317
T-12318
T-12319
152°52'30"
STRIP #2
STRIP #2
STRIP #3
855
62W7309
SMOKY, 1907
T-12323
T-12324
T-12325
154°11'15"
67M856
CINCH, 1967
67M868
T-12326
T-12327
T-12328
59°30'00"
T-12329
STRIP #1
865
STEP, 1913, 1947
KIRSCHNER, 1967
T-12330
T-12331
CONTACT, 1964
67M861
KAMAK, 1964
T-12334
T-12335
59°15'00"
153°26'15"
AEROTRIANGULATION
KAMISHAK BAY, ALASKA
NORTH COAST
PH-6301
JAN, 1968
LEGEND
△ Control used in adjustment
O 1:60,000 Photos Pan.
o 1:30,000 Photos Pan.

Compilation Report
T-13275
April 1976

31. Delineation

The planimetry and shoreline was delineated by graphic methods, using ratioed "W" photography taken in 1962. Photography was adequate, however, the scale was considerably larger than the manuscript scale. Additional detail points were used in the compilation so as to adjust the ratio scale to that of the manuscript. (Refer to page 11 of this report.)

32. Control

See photogrammetric plot report for 1:20,000 scale mansucript, T-12330.

Shoreline passpoints of the 1:20,000 scale manuscript were scaled and the positions were plotted onto this manuscript. Bridging control was also used for the control of this manuscript.

Shoreline passpoints of the 1:20,000 scale or "M" photography used for the compilation of sheet T-12330 was transferred to the 1:10,000 scale "W" photography.

33. Supplemental Data - None

34. Contours and Drainage

Contours are inapplicable. Drainage was delineated from office interpretation of the photographs.

35. Shoreline and Alongshore Details

Rocks, ledge, and reef areas were delineated from office interpretation of the photographs. Ledge and bottom features were taken from the 1:20,000 scale manuscript, T-12330, because these areas were covered by higher tide on the "W" photography. There was no MLLWL shown.

36. Offshore Details

Bottom features were taken from the 1:20,000 scale manuscript. These features were most apparent on the "M" photography since the photographs were taken at a lower stage of tide.

37. Landmarks and Aids - None

38. Control for Future Surveys - None

31. NOTES FOR REPORTS FOR THE FOLLOWING T-SHEETS COVERING MC NEIL COVE AND BRUIN BAY:

(11)

T-13275

T-13274 through T-13283

PLEASE USE THIS NOTE FOR EACH REPORT UNDER ITEM #31 DELINEATION.

The area of this manuscript was previously compiled at 1:20,000 scale under one of the following manuscripts: T-12329, T-12330, T-12334, T-12335 T-12336, T-12337, T-12338 or T-12339, using 1962 and 1967 "M" photography at 1:50,000 scale, June 18, 1962 and 1:60,000 scale, July 9, 1967, respectively.

Other "W" photography taken in 1962, also dated June 18, cover these areas. These were used to supplement the shoreline delineation of the "M" photos, especially in areas of shoreline layover.

The new or more recent re-compilation of this sheet at 1:10,000 scale was accomplished in the following manner:

1. Shoreline passpoints from the 1:20,000 compilations were scaled on the coordinatograph and recorded.

2. The same passpoints were re-plotted on the 1:10,000 projection sheets.

3. Readout positions of bridge passpoints for the 1:20,000 sheets were also plotted on the 1:10,000 scale sheets.

4. The entire shoreline was graphically delineated, then edited and revised, if necessary, through the use of the processed 1962 "W" ratio prints. Areas where these revisions were deemed necessary will be reduced with the vertical projector and corrected on the 1:20,000 manuscripts.

The remaining alterative for the compilation of these 1:10,000 scale sheets would be by the ratio of 5X and 6X of the 1962 and 1967 "M" photos. Inasmuch as these ratios would far exceed the 3X ratios of the 1962W photos, and the vertical projector ratio of 2X, and the essence of meeting the June 15, 1968 ship schedule, it was deemed that the method used was the most expedient and accurate.

WAS DISCUSSED WITH THE ROCKVILLE, MD. PHOTO OFFICE WHO CONCURRED

39. Junctions

Junctions are in agreement with T-12330, 1:20,000 scale to the north, T-12330, 1:20,000 scale to the east, T-12335, 1:20,000 scale and T-13278, 1:10,000 scale, to the south, T-12329, 1:20,000 scale and T-13274, 1:10,000 scale to the west.

40. Horizontal and Vertical Accuracy - No statement

41. thru 45. Inapplicable.

46. Comparison with Existing Maps

A comparison was made with USGS quadrangle Iliamna (B-3) Alaska, scale 1:63,360, dated 1954.

47. Comparison with Nautical Charts

A comparison was made with Nautical Chart 8554, (Cook Inlet--Southern Part), 9th Edition, dated May 10, 1965.

Items to be Applied to Nautical Charts Immediately - None

Items to be Carried Forward - None

Submitted by,

L.L. Graves
Carto (Tech)
May 1968

Approved and forwarded:

J. Bull, RAdm, UESSA
Director, Atlantic Marine Center

PH-6301
T-13275

49. NOTES FOR THE HYDROGRAPHER AND/OR THE FIELD EDITOR

It has been considered good practice to delineate upon the manuscript all shoal and shallow areas which might be considered as a danger to navigation to the Hydrographer. The use of color photography often intensifies these features so that, that which is delineated as a shoal or shallow, might be only a bottom change, or a change in marine vegetation. These shoal or shallow lines should be verified, or deleted if they do not exist.

The process of bringing a manuscript from "Incomplete" to Advance" necessitates a complete application of field or hydro edit. This "Advance" copy is required in order to furnish a "smooth shoreline" for boat sheets and/or the processing of hydro sounding data. If extraneous information is not deleted from our "field edit ozalid" by the field and/or hydro editor, it can inadvertantly be carried forward to the "Advance" copy and eventually become a detriment to the hydro processor.

Your cooperation in applying all of your edit corrections, deletions, explanatory notes, fix information, dangers or aids, or other items to be delineated on the manuscripts directly to the ozalid copies and/or field (matte) photos, will greatly facilitate the complete conclusion of an "Advance" copy. Your return of this information to the compilation office from whence it originated, will do much to alleviate the problem of keeping all edit material together for more complete application.

Items of questionable nature, requiring your attention, which are not noted hereon, will be found on the accompanying "field edit ozalid".

(4)

FIELD EDIT REPORT

SHEET T-13275

LOWER COOK INLET

(BRUIN BAY)

PH-6301

JULY 1971

NOAA SHIP PATHFINDER

CAPT. H.R. LIPPOLD JR., CMDG.

(15)

T-13215

51 Methods

The field edit of this map was done in accordance with photogrammetric instructions and project instructions to the Commanding Officer, NOAA SHIP PATHFINDER, dated 26 March 1971. A gently sloping beach made surf landings in skiffs a necessity when shore inspection was required. Sextant fixes were used to verify and locate objects that could not be seen or positively verified on the photographs.

All deletions, additions, verification and corrections to be applied to the manuscript appear on the field edit ozalid. This ozalid is an index and inventory of all field edit work performed. All features marked in green on the ozalid are to be deleted. Red circles on the ozalid indicate the approximate location of the signals used in the field work. Cross references on the field edit ozalid to the photographs are also a part of the compilation.

52 Adequacy of Compilation

There is a reef in the area Latitude 59° 22' 45" N., Longitude 153° 57' 00" W.,which shows up clearly on photographs 67-M-863, 67-M-864, and 67-M-865. Otherwise, this manuscript has been compiled accurately from what is visible on the photographs.

54 Recommendations

None

56 Additional Information

Field edit was accomplished on this sheet in both 1968 and 1971. The data presented on the field edit ozalid has been color-coded to distinguish between these two year's work.

Time meridian 135°W was used for all the work on this sheet.

All photogrammetric and ground survey signals used during the project are listed on a sheet attached to the field edit ozalid and are also included in this report. Signals used for field edit fixes are included in the list.

All fixes taken during the field edit are identified by number on the field edit ozalid and also on the mylar prints. A running tabulation of this data appears on the field edit ozalid.

Alan P. Vonderohe

Alan P. Vonderohe
LTJG, NOAA
Photo Officer

Horizontal Control

Bruin Bay, Kamishak Bay

SIGNAL NAME	LATITUDE ° ' meters	LONGITUDE ° ' meters	ORIGIN OF POSITION photo	ORIGIN OF POSITION triangulation station
001	59 23 0307.0	153 56 0379.0	T-13275	
002	59 23 1629.0	153 57 0543.0	T-13275	
003	59 23 0940.0	153 58 0613.0	T-13275	
004	59 22 0916.0	154 00 0887.0	T-13274	
006	59 23 0622.0	154 02 0272.0	T-13274	
008	59 22 0891.0	154 04 0548.0	T-13274	
009	59 21 1207.0	154 03 0960.0	T-13277	
010	59 21 1768.0	154 03 0460.0	T-13277	
011	59 20 1660.0	154 03 0715.0	T-13277	
012	59 21 1280.0	154 02 0459.0	T-13277	
013	59 21 0534.0	154 02 0027.0	T-13277	
014	59 22 0098.0	154 01 0355.0	T-13277	
015 ← Back	59 22 1146.7 59 21 0710.0	Back 154 00 0306.2 153 59 0542.0	T-13278	
016	59 22 0537.0	153 59 0243.0	T-13278	
100	59 23 1550.7	153 58 0796.3	T-13275	
101	59 23 0173.0	153 59 0598.7	T-13275	
102	59 22 1523.5	153 59 0482.2	T-13275	
103	59 21 1816.7	153 58 0707.7	T-13278	
104 ← Back	59 22 1066.1 59 21 1450.6	153 58 2283.9 153 57 0564.3	T-13278	
Contact	59 21 0909.0	153 57 0043.3	T-13278	CONTACT (1964)
BAY	59 23 0461.4	153 56 0694.9	T-13275	BAY (1913)
KIROCHNER	59 25 0314.2	153 53 0111.9	T-12330	KIRSCHNER (1967)
200	59 24 0727.4	153 55 0193.6	T-13275	

NOAA FORM 75-74
(2-74)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL OCEAN SURVEY

(17)

PHOTOGRAMMETRIC OFFICE REVIEW

~~T-10363~~ T-13275

1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE

CONTROL STATIONS

5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY *(Topographic stations)*	7. PHOTO HYDRO STATIONS
	XX	

8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT	11. DETAIL POINTS
XX			

ALONGSHORE AREAS *(Nautical Chart Data)*

12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
			XX
16. AIDS TO NAVIGATION	**17. LANDMARKS**	**18. OTHER ALONGSHORE PHYSICAL FEATURES**	**19. OTHER ALONGSHORE CULTURAL FEATURES**

PHYSICAL FEATURES

20. WATER FEATURES	21. NATURAL GROUND COVER	22. PLANETABLE CONTOURS
		XX

23. STEREOSCOPIC INSTRUMENT CONTOURS	24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS	26. OTHER PHYSICAL FEATURES
XX	XX	XX	

CULTURAL FEATURES

27. ROADS	28. BUILDINGS	29. RAILROADS	30. OTHER CULTURAL FEATURES
		XX	

BOUNDARIES

31. BOUNDARY LINES	32. PUBLIC LAND LINES
XX	XX

MISCELLANEOUS

33. GEOGRAPHIC NAMES	34. JUNCTIONS	35. LEGIBILITY OF THE MANUSCRIPT

36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS

40. REVIEWER	SUPERVISOR, REVIEW SECTION OR UNIT
Unknown	A.C. Rauck

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
C. Parker 11/27/72 Susan Kumer 12/14/72	A.C. Rauck

43. REMARKS Field edit applied from field edit ozalid.
T-13275 (1:10,000) Photographs: 62W6637
Reef was taken from 1:20,000 photographs 67M863 and 865 enlarged by projection to 1:10,000 and applied to manuscript.

SUPERSEDES C&GS FORM 1002 WHICH MAY BE USED UNTIL EXISTING STOCK IS DEPLETED.

Review Report T-13275
Shoreline Survey
April 1976

61. General Statement

Refer to item 31 in the Descriptive Report for detailed information concerning the unusual handling of the compilation of this map. During final photogrammetric review, many discrepancies were found in the application of field edit to the area common to both the 1:20,000 scale (T-12330) and the 1:10,000 scale (T-13275) sheets. For this reason, the 1:20,000 scale map (T-12330) should not be used within the area common to T-13275 (1:10,000 scale). The hydrographic survey reviewer used both manuscripts for his review of the hydro sheet H-9100. The results of those portions of this review which apply to reviewed hydrographic surveys will be brought to the attention of the Chief, Hydrographic Survey Branch by memorandum.

62. Comparison with Registered Topographic Surveys - None

63. Comparison with Maps of Other Agencies

Refer to the Compilation Report, Item 46.

64. Comparison with Contemporary Hydrographic Surveys

H-9072	1:20,000	1969-1971
H-9100	1:10,000	1968-1971

Comparison has been made with both of the final reviewed hydrographic surveys. Differences exist in elevations of rocks, due to the hydrographer's use of actual tide readings and difficulties encountered in tide determinations by the hydrographer. Refer to the Hydrographic Survey Report for H-9100.

During review many ledge, reef, and foul limit lines were removed from the Class I manuscript since they conflicted with soundings and depth curves that had been developed by the hydrographer.

Two islets at Long. 154°59'30" were inspected by the field editors in 1968 and 1971. The elevation information reported was not consistent. The hydrographer also inspected these islands and determined that the most southerly of the two should be larger than originally shown on the Class I manuscript. The photogrammetric reviewer has changed the island to agree with the hydrographer's findings and the elevations accepted and shown on both surveys are those of the 1968 field edit.

65. Comparison with Nautical Charts

Chart 8554 1:200,000 13th Edition, May 1974

66. Adequacy of Results and Future Surveys

This map meets the National Standards of Map Accuracy and complies with Bureau requirements.

Submitted by,

J. B. Phillips

Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division

19A

The rock at approx. lat. 59° 23' 45" long. 153° 55' 30" has been removed from the manuscript. Hydrographer sounded area at minus mean lower low water tide stage and did not find a rock at this location. The data available was insufficient for plotting during final review (no signal position, weak fix). Rock was removed from map, negative and copies, after conference with Hydro-survey Quality Control Section. Charts will remove the rock at the next printing.

J B Phillips
8/5/76

NOAA FORM 76-41
(2-71)
USCOMM-DC
34168-P71
(FORMERLY FORM C&GS-164)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DESCRIPTIVE REPORT CONTROL RECORD

MAP T- 13275 PROJECT NO. PH-6301 SCALE OF MAP 1:10,000 SCALE FACTOR None

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y COORDINATE LONGITUDE OR X COORDINATE	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 Ft. = 3048006 meter) FORWARD	(BACK)
BAY, 1913	G.P. Vol 5 Page 401	N.A. 1927	59°23'14.91" 153°56'44.02"	0461.4 0694.9	1395.3 252.4

COMPUTED BY: C. Parker
DATE: Nov. 13, 1972
CHECKED BY: L. Foltz
DATE: 11/14/72