

T-12318

T-12318

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-12318.....

Classification No. Final Edition No. L.....

Field Edited Map

LOCALITY

State Alaska.....

General Locality ... Kamishak Bay, Cook Inlet.....

Locality

19 62 TO 1973

REGISTRY IN ARCHIVES

DATE

①

DESCRIPTIVE REPORT - DATA RECORD

T - 12318

PROJECT NO. (II):

PH-8301

FIELD OFFICE (III):

None

CHIEF OF PARTY

PHOTOGRAMMETRIC OFFICE (III):

Atlantic Marine Center, Norfolk, Virginia

OFFICER-IN-CHARGE

J. Bull, Director

INSTRUCTIONS DATED (III) (III):

March 18, 1965 - Office, Part I
Feb. 10, 1966 - Office, Supplement I
May 5, 1967 - Office, Supplement II
Dec. 27, 1967 - Office, Supplement III

METHOD OF COMPILATION (III):

Wild B-8 plotter

MANUSCRIPT SCALE (III):

1:20,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):

1:10,000 pantographed to 1:20,000

DATE RECEIVED IN WASHINGTON OFFICE (IV):

DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.

DATE:

MAY 1976

DATE REGISTERED (IV):

R. CATDR

GEOGRAPHIC DATUM (III):

N.A. 1927

VERTICAL DATUM (III): MHW

~~MEAN LOW WATER~~ EXCEPT AS FOLLOWS:
Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., ~~MEAN LOWER LOW WATER~~ mean lower low water

REFERENCE STATION (III):

ISLE, 1913

LAT.:
59°38'22.349" 691.6M

LONG.:
153°26'07.754 121.5M

ADJUSTED
 UNADJUSTED

PLANE COORDINATES (IV):

Y=2,060,625.85 ft. X=604,460.55 ft.

STATE

Alaska

ZONE

5

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.

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DESCRIPTIVE REPORT - DATA RECORD

T - 12318

FIELD INSPECTION BY (II): None		DATE:
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Office interpretation of photography listed in the Data Record 181c		
PROJECTION AND GRIDS RULED BY (IV): A. Bethea		DATE: 2/19/68
PROJECTION AND GRIDS CHECKED BY (IV): L.F. VanScoy		DATE: 2/27/68
CONTROL PLOTTED BY (III): J. Steinberg		DATE: 3/1/68
CONTROL CHECKED BY (III): F. Wilson		DATE: 3/1/68
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): P.J. Dempsey		DATE: 1/22/68
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY A.L. Shands	DATE: 7/21/68
	CONTOURS Inapplicable	DATE:
MANUSCRIPT DELINEATED BY (III): A.L. Shands		DATE: 7/28/68
SCRIBING BY (III):		DATE:
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): R. J. P.		DATE:
REMARKS: Field edited by Alan Potok, William Wert, and John Murphy during July 1973		

DESCRIPTIVE REPORT - DATA RECORD
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CAUSE (KIND OR SOURCE) (III):

Wild RC-8 "W"
Wild RC-9 "M"

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
67M873 thru 875	7/9/67	0939	1:60,000	-1.9 ft. MLLW
62W 6930 - 6942	7/21/62	1358	1:15,000	9.4 ft. above 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		12.3	14.5
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV): J.B. Phillips

DATE:
February 1976

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): None

RECOVERED:
None

IDENTIFIED:
None

NUMBER OF BM(S) SEARCHED FOR (III): None

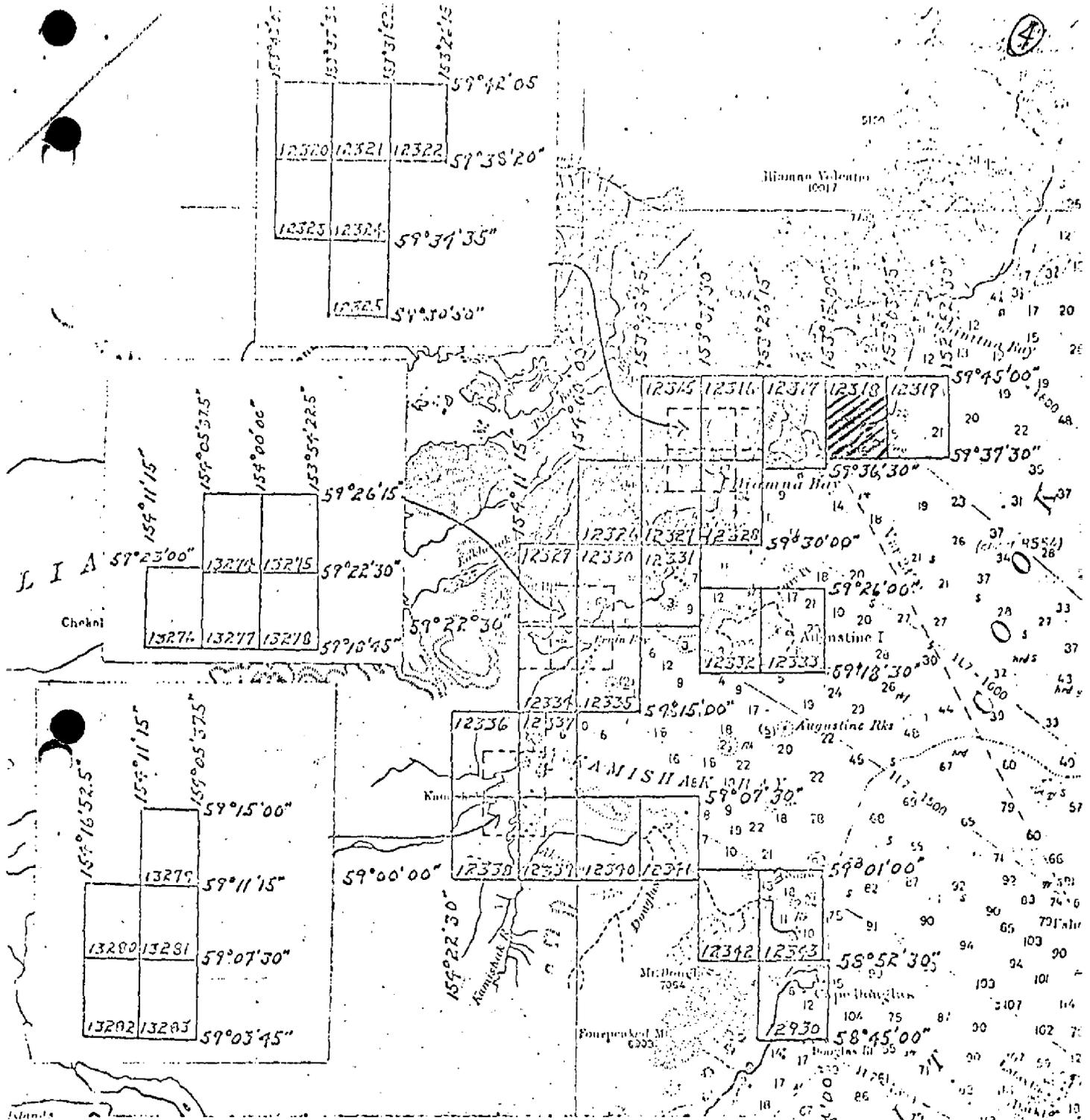
RECOVERED:
None

IDENTIFIED:
None

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): None

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): None

REMARKS:



JOB PH-6301 (PART-1)

COOK INLET, ALASKA

SHORELINE MAPPING

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

Revised 4-3-68 LFK

SUMMARY

T-12318 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 *July 1973*.

Final review was accomplished at the Rockville Office in *February 1976*.

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

T-12318

COMPILATION RECORD	COMPLETION DATE	REMARKS
Compilation complete pending field edit		
Alongshore area for hydro	July 1968	Superseded
Field Edit applied, Compilation Complete	March 1974	

FIELD INSPECTION

TP-12318

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.

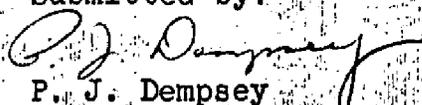
24. Supplemental Data

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

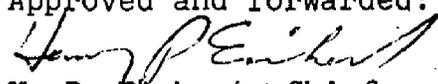
25. Photography

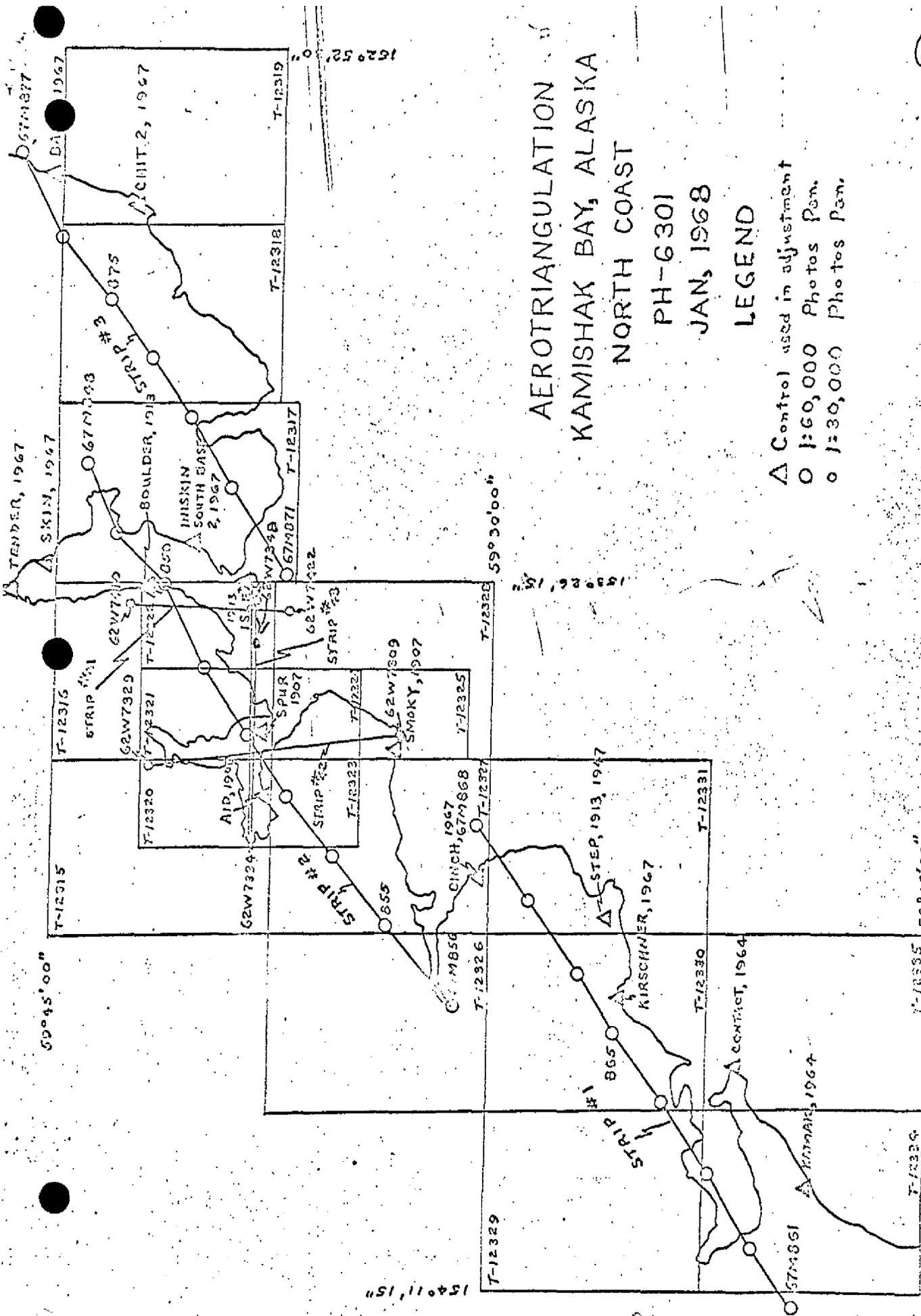
The definition and quality of the RC-9 and RC-8 photography were good. Ratio prints have been ordered to compilation scale.

Submitted by:


P. J. Dempsey

Approved and forwarded:


H. P. Eichert, Chief
Aerotriangulation Section



AEROTRIANGULATION
KAMISHAK BAY, ALASKA
NORTH COAST
PH-6301
JAN, 1968
LEGEND

- △ Control used in adjustment
- 1:60,000 Photos Pan.
- 1:30,000 Photos Pan.

COMPILATION REPORT
Map Manuscript T-12318
Project PH-6301

31. Delineation

The Wild B-8 stereoplotter was used. There was no field investigation prior to compilation.

32. Control *(on separate page)*

See Photogrammetric Plot Report, dated January 22, 1968.

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

The shoreline, MLLWL, and ledge areas were delineated from office interpretation of the photographs.

36. Offshore Details

All foul areas were delineated from office interpretation of the photographs.

37. Landmarks and Aids - None

3 CONTROL 32.

Refer to Photogrammetric Plot Report, dated January 22, 1968.

Difficulty in holding control established by stereoplanigraph bridging of strips 41, 42, and 43 was encountered, initially. They were returned to the Bridging Section and their subsequent re-adjustment resulted in "Revisions" for strips 41 and 43.

Strip 42 had been compiled with little or no difficulty concerning the control. Although strip 41 also was compiled utilizing the original Bridge Strip, the comparison between the original and "Revised" strip #41 indicated a maximum change of approximately 0.3mm which proved to be of an insignificant effect. The compilations of these two strips were summarily considered to be of sufficient accuracy. Both of these strips were oriented in a general north-south direction.

The results of the "Revision" of strip 43 proved to be of a major change, and inasmuch as this strip was oriented in an east-west direction, intersecting both strips 41 and 42, an attempt to tie these together at their common models resulted in an error of tie-in between drilled pass points of strip 43 and shoreline pass points common to all strips.

When model 62W-7343 and 7346, of strip #43 was set, it was found that six of the seven drilled pass points would hold within tolerance, but none of the adjoining shoreline pass points from strips 41 and 42 would hold. When this model was re-scaled to all common shoreline points, the drilled points would not hold.

This same condition existed when model 62W-7334 and 7337 was set. Drilled pass points held within tolerance, but no common shoreline pass points between strip 42 and this model would hold.

It was evident at this time that no model work could be compiled from strip 43.

To further substantiate our decision, all five manuscripts were joined and a modified radial plot consisting of several processed ratio photos of each of strips 41, 42, and 43 was laid.

It was noted during this plot, that the tie points (from the stereoplanigraph bridges), and the field identified triangulation control, would hold well with the common shoreline pass points, but the drilled points would not. (A few of the drilled points at or near sea level were noticeably closer than those at the higher elevations.)

It was concluded therefore that strips 41 and 42 were tied together well and were geographically correct, and that a graphic solution and compilation of the two models in question on strip 43 could be made using the common shoreline pass points.

38. Control for Future Surveys - None

39. Junctions

Junctions were made with T-12317 to the west and T-12319 to the east. There are no contemporary surveys to the north and south.

40. Horizontal and Vertical Accuracy - No statement

41. thru 45. Inapplicable

46. Comparison with Existing Maps

Comparison was made with USGS quadrangle ILIAMNA (C-1), Alaska, scale 1:63,360, dated 1958.

47. Comparison with Nautical Charts

Comparison was made with USC&GS chart No.8554, 9th edition, (Cook Inlet, Southern Part) scale 1:200,000, dated May 10, 1965.

Items to be Applied to Nautical Charts Immediately - None

Items to be Carried Forward - None

Submitted by,

A. L. Shands
Carto (Tech)
March 1969

Approved:

FIELD EDIT REPORT

MAP T-12318

DRY BAY, ALASKA

JULY 1973

Field edit of map T-12318 was done by LT(jg) Alan Potok, LT(jg) William Wert, and ENS John Murphy during July 1973. Inspection was done from small boats, and on foot when fixes on land were required.

METHOD

Field photographs and a copy of the field edit ozalid were taken into the field. Mean high water line verification was done by visual comparison of the shore and the ozalid in the field. Sextant fixes were used for verification and location of rocks and ledges in the area. Height data is written directly on the ozalid or referenced by fix number to the attached sheets. All times are based on the 135°W meridian.

ADEQUACY OF COMPILATION

Compilation of this map is good. Hydrographic details compare well with photogrammetric locations.

RECOMMENDATIONS

It is recommended that this map be revised in accordance with the notes on the ozalid and the fix information, and then be accepted as an advance manuscript.

Respectfully submitted,

John A. Murphy
JOHN A. MURPHY, ENS NOAA

Approved and forwarded,

Charles A. Burroughs
Charles A. Burroughs
CDR, NOAA, Cmdg.

TIME	DESCRIPTION		L ANGLE	R ANGLE	CHK ANGLE	L	C	R	CHK
01 0950	LEDGE LIMIT COV 3'	07/03/73	72-31	25-36	124-20	387	339	315	327-339
02 0955	LEDGE LIMIT COV 4'	"	64-19	28-06	115-08	337	341	345	327-339
03 1000	LEDGE LIMIT COV 3'	"	52-14	40-47	99-00	S	S	S	S
04 1005	LEDGE LIMIT COV 3'	"	40-42	52-58	71-59	S	S	S	S
05 1010	LEDGE LIMIT COV 4'	"	38-46	73-32	86-46	S	S	S	S
06 1015	LEDGE LIMIT COV 3'	"	28-06	80-20	102-22	325	341	342	343
07 1015	RK AWASH	07/02/73	40-49	37-31	82-17	331	341	342	327
08 1050	RK COV. 3'	07/02/73	52-19	35-24	95-20	337	341	342	327
09 0854	EDGE OF FOUL REEF COV 3'	07-17-73	32-54	10715	3850	342	343	345	341
10 0859	EDGE OF FOUL COV 2'	"	53-39	70-00	68-41	342	343	345	341
11 0920	EDGE OF FOUL COV 4'	"	07-39	66-41		341	342	343	
12 0926	EDGE OF FOUL COV 2'	"	51-45	3905	8900	342	343	345	341
13 0932	EDGE OF FOUL COV 4'	"	49-10	33-00	93-14	S	S	S	S
14 0948	SHOAL COV 10'	not plotted removed from manuscript during review	43-45	57-11	56-25	343	345	342	348
15 0954	SHOAL COV 5'	" " " " " "	52-54	64-15	62-20	S	S	S	S
16 0958	AW RK (10M S.)	"	83-43	95-21	44-43	S	S	S	S
17 1001	COV 6'	not plotted	91-02	29-24		343	345	348	
18 1005	COV 7'	" "	24-27	72-32		341	343	345	
19 1007	COV 10'	" "	23-45	55-35		S	S	S	
20 1015	COV 8'	not plotted	35-19	90-05		342	345	348	
21 1020	COV 5'	" "	18-53	129-00		342	345	348	
22 1025	EDGE OF LEDGE COV 1'	"	132-45	05-08		345	347	348	
23 1029	EDGE OF LEDGE	"	132-22	08-17		S	S	S	
24 1031	LEDGE LIMIT	"	135-28	10-43		S	S	S	
25 1039	AW RK	"	134-35	25-35		S	S	S	
26 1041	AW RK EDGE OF FOUL AREA	"	91-04	68-37		S	S	S	
27 1045	AW RK EDGE OF FOUL AREA	"	30-33	124-36		S	S	S	
28 1048	AW RK EDGE OF FOUL AREA	"	122-42	37-45		S	S	S	
29 1053	AW RK EDGE OF FOUL AREA	"	20-57	130-44		S	S	S	
30 0900	LEDGE LIMIT	"	136-39	19-15	13-29	347	348	349	345-347
31 0910	LEDGE LIMIT	"	131-53	34-11		317	348	349	
32 0922	EDGE OF FOUL	"	104-18	37-18		348	402	349	
33 0930	EDGE OF FOUL	"	90-44	69-27		348	403	349	
34 1022	REEF LINE	07/17/73	09-13	147-22		347	348	008	
35 0958	REEF LINE	07/17/73	10-31	136-54		S	S	S	
36 0956	REEF LINE	07-17-73	08-33	135-55		S	S	S	
37 0947	RK BRS 3'	07-17-73	115-52	51-23		348	008	010	

these fixes removed from manuscript during final review.

EX NO.	TIME	DESCRIPTION		L ANGLE	R ANGLE	CHK ANGLE	L	C	R	CHK
38	0943	RK BR 3'	07-17-73	85-54	82-36		348	008	010	
39	0930	RK BR 3'	07-17-73	160-58	19-50		349	353	010	
40	0918	RK AWASH	07-17-73	171-35	20-19		008	353	354	
41	0906	SUB MERGED REEF	07-17-73	164-08	07-21		S	S	S	
42	0922	FOUL LIMIT	07-16-73	129-11	33-38		349	351	353	
43	0926	FOUL LIMIT	07-16-73	83-41	43-19	38-28	349	350	351	351- 352- 353
44	0936	RK COV 4'	07-16-73	130-40	44-52	39-11	350	351	353	
45	0946	FOUL LIMIT, RK AWASH	07-16-73	134-38	58-31	45-52	S	S	S	S
46	0952	FOUL LIMIT, RK COV 3'	07-16-73	21-25	51-08		351	352	353	
47	0955	RK BR 3'	07-16-73	32-56	60-25		S	S	S	
49	1030	RK BR 4' ON SAND	07-16-73	13-36	11-46		351	352	353	
50	1011	RK BR 2' ONSAND	07-16-73	17-38	12-04	59-17	349	351	352	352- 353
51	1020	S. END OF RK LEDGE FOUL LIMIT	07-16-73	154-8	11-37		349	351	352	
52	1005	EDGE OF FOUL COV 5'	07/18/73	102-44	73-20	82-48	352	356	010	355
53	1010	BRS 2'	07/18/73	68-13	59-35	38-33	352	356	357	355
54	1015	BR 1'	07-18-73	111-48	58-16	93-58	352	357	010	355
55	1020	COV 1'	07-18-73	106-42	64-12	91-11	352	357	010	355
56	1025	COV 2'	07-18-73	62-51	110-46	85-27	352	358	010	008
57	0915	RK BR 2'	07-19-73	125-37	47-57	115-18	352	360	016	358
58	1020	W. END OF REEF COV 2'	07-19-73	128-57	44-04	119-24	S	S	S	S
59	1022	E. END OF REEF COV 1'	07-19-73	123-24	51-15	31-42	352	360	010	364
60	1027	EDGE OF FOUL RK COV 1'	07-19-73	118-41	63-07	42-59	351	360	010	364
61	1030	S. E. EDGE OF FOUL COV 2'	07-19-73	115-41	76-23	55-35	350	360	010	364
62	1102	RK BRS 5' 5'x10'	07-19-73	12-14	63-30	008	010	009		

NOAA FORM 75-74 (2-74)		U.S. DEPARTMENT OF COMMERCE NOAA NATIONAL OCEAN SURVEY	
PHOTOGRAMMETRIC OFFICE REVIEW			
T-12318 Tx10869			
1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
RJP	RJP	RJP	RJP
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY <i>(Topographic stations)</i>		7. PHOTO HYDRO STATIONS
XX	XX		XX
8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT	11. DETAIL POINTS
XX	XX	RJP	RJP
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
RJP	XX	RJP	XX
16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES
XX	XX	RJP	XX
PHYSICAL FEATURES			
20. WATER FEATURES		21. NATURAL GROUND COVER	22. PLANETABLE CONTOURS
RJP		XX	XX
23. STEREOSCOPIC INSTRUMENT CONTOURS	24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS	26. OTHER PHYSICAL FEATURES
XX	XX	XX	XX
CULTURAL FEATURES			
27. ROADS	28. BUILDINGS	29. RAILROADS	30. OTHER CULTURAL FEATURES
XX	XX	XX	XX
BOUNDARIES			
31. BOUNDARY LINES		32. PUBLIC LAND LINES	
XX		XX	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES		34. JUNCTIONS	35. LEGIBILITY OF THE MANUSCRIPT
RJP		RJP	RJP
36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
	RJP	XX	RJP
40. REVIEWER		SUPERVISOR, REVIEW SECTION OR UNIT	
RJP		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 C. Blood March 1974		SUPERVISOR	
Reviewed by: G.R. Vanderhaven 3/28/74		A.C. Rauck	
43. REMARKS			
Rock positions were transferred direct from the field edit ozalid. Ledge was delineated from 67M photographs.			

Review Report T-12318
Shoreline Survey
February 1976

61. General Statement

Refer to the memorandum, ^{page 18} dated November 21, 1972, to reviewers, from Albert C. Rauck, Jr., Subject: Field Edit Ozalids on PH-6301. All rock positions on this manuscript were transferred direct from the field edit ozalid.

During the review the following fixes were removed from the Class I manuscript: 214, 215, 217, 218, 219, 220, and 221. The field editor stated these fixes were taken to give representative soundings prior to the running of hydro in the area. They have not been shown because of the uncertainty of what they represent.

The contemporary hydrographic survey (H-9379) that covers this manuscript is in boat sheet stage. A copy of the final reviewed map, the notes concerning application of field edit, and the notes concerning the results of comparison made during this final review, will be forwarded to the PMC.

62. Comparison with Registered Topographic Surveys

T-3420, Part I, 1:40,000, 1913
This survey is superseded by the new map.

63. Comparison with Maps of Other Agencies

Refer to the Compilation Report, Item 46.

64. Comparison with Contemporary Hydrographic Surveys

H-9379 is in boat sheet stage. Refer to Item 61 of this report.

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

J. B. Phillips

Approved: *J. D. Blankenhorn*
for A. K. Heywood
Chief, Photogrammetric Branch

J. J. ...
Chief, Coastal Mapping Division



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SURVEY

18

Date : Nov.21,1972

Reply to Attn. of:

To : Reviewers.

From : Albert C. Rauck, Jr.
Coastal Mapping

Subject: Field edit ozalids on Job Ph-6301

You will note that several of the field edit ozalids for this project have a multitude of 3-point fixes lettered in purple.

One sheet has as many as 168 fixes assigned to the location of the outer edge of rock ledge. All of these were plotted and checked and when thus located, were laid over the ozalid on a light table. It was found that the plotted positions of these fixes coincided exactly with those on the ozalid.

It was suspected and later proven by a phone call to Mr. George Fernandes, that this is exactly what the field editor did after he plotted his fixes on his film ozalid furnished for this purpose. Mr. Fernandes verified this by conversation with the field works officer and his officers.

It was found to be not practical to re-plot these fixes again and the data was taken directly from the ozalids and applied to the map manuscripts. Phone verification was made 12:45 P.M. Nov.21,1972.

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6301 (Cook Inlet, Alaska)

T-12318

Bald Hill
 Blister Creek
 Bow Creek
 Brown Creek
 Cook Inlet
 Dry Bay
 Edelman Creek
 Fitz Creek
 Front Mountain

Griffin Creek
 Iniskin
 Iniskin Peninsula
 Knub Hill
 Oil Point
 Rich Creek
 Shark Tooth Hill
 Twist Creek

Approved By:

A. Joseph Wraight
 A. Joseph Wraight
 Chief, Geographer

Prepared By:

Frank W. Pickett
 Frank W. Pickett
 Cartographic Technician