

T-12322

T-12322

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-12322 .....

Classification No. Final .....

Edition No. ...1.....

Field Edited Map

### LOCALITY

State ..... Alaska .....

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

Locality ..... Entrance Rock .....

19 62 TO 19 69

### REGISTRY IN ARCHIVES

DATE .....

DESCRIPTIVE REPORT - DATA RECORD  
T - 12322

①

PROJECT NO. (II): PH-6301		
FIELD OFFICE (III): None		CHIEF OF PARTY
PHOTOGRAMMETRIC OFFICE (III): Atlantic Marine Center, Norfolk, Virginia		OFFICER-IN-CHARGE J. Bull, Director
INSTRUCTIONS DATED (II) (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): 1:10,000	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III): 1:5,000 Pantographed to 1:10,000	
DATE RECEIVED IN WASHINGTON OFFICE (IV):	DATE REPORTED TO NAUTICAL CHART BRANCH (IV):	
APPLIED TO CHART NO.	DATE: MAR 29 1976	DATE REGISTERED (IV): <i>n. Francis</i>
GEOGRAPHIC DATUM (III): N.A. 1927		VERTICAL DATUM (III): MHW <del>MEAN SEA LEVEL</del> EXCEPT AS FOLLOWS: Elevations shown as (25) refer to mean high water Elevations shown as (5) refer to sounding datum i.e., <del>mean low water</del> mean lower low water
REFERENCE STATION (III): BOULDER, 1913		
LAT.: 59°41'46.081" 1426.1M	LONG.: 153°26'29.918" 468.0M	<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED
PLANE COORDINATES (IV): Y = 2,081,298.90 ft.      X = 603,147.34 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.		

## DESCRIPTIVE REPORT - DATA RECORD

T-12322

FIELD INSPECTION BY (III):  None		DATE:
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):  Air Photo compilation - office interpretation Date of Photography: June 18, 1962 June 29, 1962		
PROJECTION AND GRIDS RULED BY (IV):  L.F. Van Scoy		DATE:  11/9/67
PROJECTION AND GRIDS CHECKED BY (IV):  J.C.		DATE:  11/14/67
CONTROL PLOTTED BY (III):  J. Steinberg		DATE:  2/21/68
CONTROL CHECKED BY (III):  F. Wilson		DATE:  2/21/68
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):  P.J. Dempsey		DATE:  1/22/68
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY L.O. Neterer Reviewed by: A.L. Shands	DATE 6/5/68 6/5/68
	CONTOURS Inapplicable	DATE
MANUSCRIPT DELINEATED BY (III):  R. White		DATE:  7/19/68
SCRIBING BY (III):		DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III):  R.J. P. <del>Patel</del> (Patel)		DATE:  8/1/68
REMARKS: Field Edit by : Richard D. Olson 6/69 One small section of shoreline was not edited - refer to heading 64. of the final review report (page 23)		

3

DESCRIPTIVE REPORT - DATA RECORD  
T-12322

CAMERA (KIND OR SOURCE) (III):

USC&amp;GS Type "W"

## PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
62W6252 - 6265	6/18/62	1200	1:15,000	2.2' above MLLW
62W7410 - 7422	6/29/62	1609	1:30,000	4.6' 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): 1

RECOVERED:  
1IDENTIFIED:  
1

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

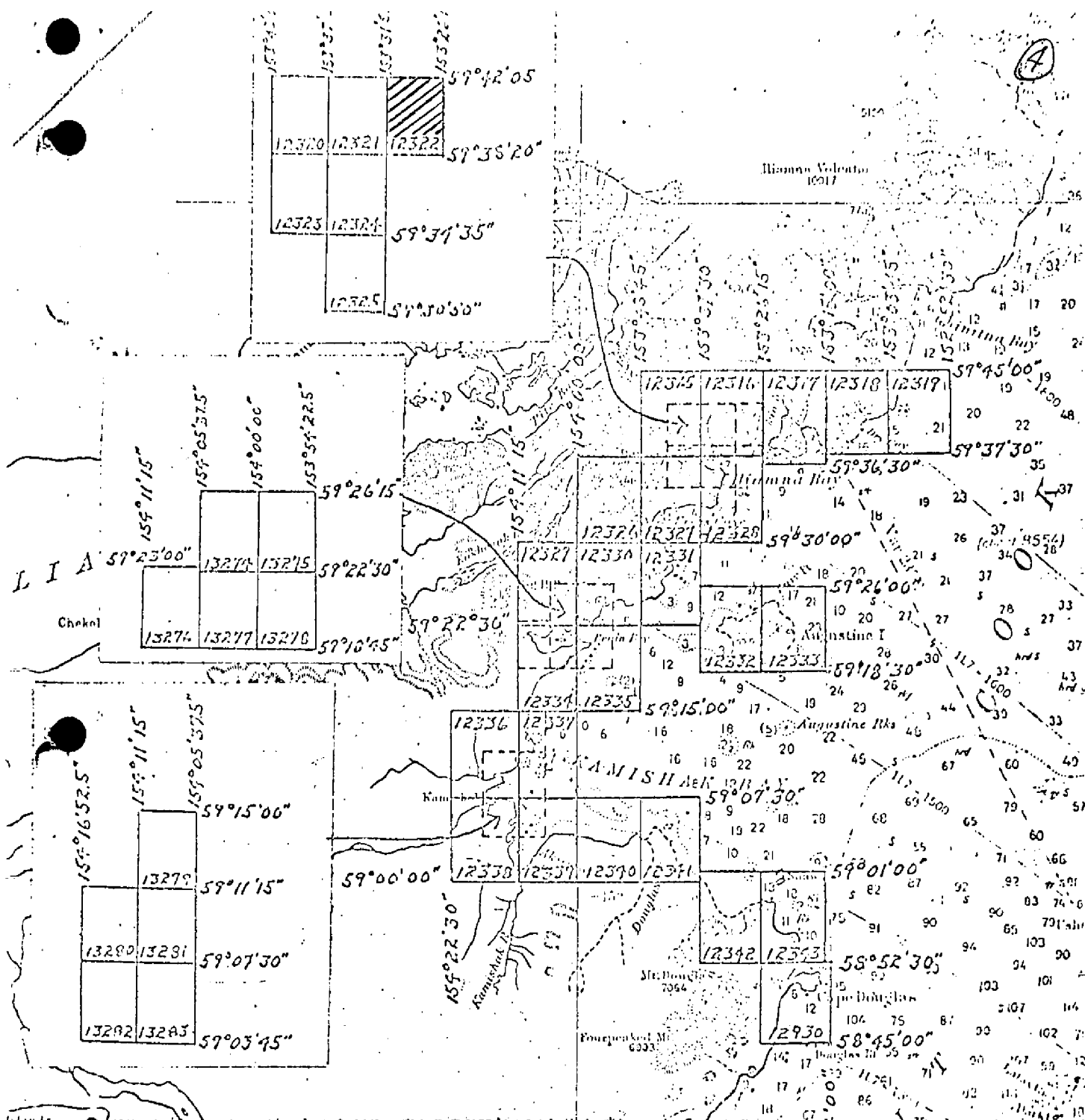
RECOVERED:  
NoneIDENTIFIED  
None

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 L.F.V.

5

# SUMMARY

T-12322 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 *June 1969*

Final review was accomplished at the Rockville Office in *January 1976*

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

T - 12322

COMPILATION RECORD	COMPLETION DATE	REMARKS
Compilation complete pending field edit		
Alongshore area for hydro	July 1968	Superseded
Partial Field Edit Applied East of Long. 153°29'00" (Refer to Item 64 - (page 23))	March 1970	

FIELD INSPECTION

■-T-12322

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*  
P. J. Dempsey

Approved and forwarded:

*H. P. Eichert*  
H. P. Eichert, Chief  
Aerotriangulation Section



Compilation Report  
Map Manuscript T-12322  
Project PH-6301

31. Delineation

The compilation was done by both graphic and stereo-instrument methods, the Wild B-8 was used with 1:30,000 scale photography and the graphic method used the 1:15,000 scale photography.

32. 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.

33. Supplemental Data - None

34. Contours and Drainage

Contours are inapplicable. Drainage was delineated from office interpretation of photos.

35. Shoreline and Alongshore Detail

The shoreline and the alongshore detail was delineated from office interpretation of the photographs.

36. Offshore Detail

All offshore details were delineated from the 1:15,000 scale photos by office interpretation.

37. Landmarks and Aids - None

38. Control for Future Surveys - None

39. Junctions

Junctions are in agreement with T-12316 in the North, South and the West, which is 1:20,000 scale, and T-12321, 1:10,000 scale on the West and T-12318 to the East.

40. Horizontal and Vertical Accuracy - Refer to Item 32.

41. thru 45. Inapplicable.

46. Comparison with Existing Maps

A comparison has been made with USGS quadrangle ILLIAMNA (C-2), Alaska, scale 1:63,360, dated 1958.

47. Comparison with Nautical Charts

A comparison has been made with USC&GS Chart #8554, 9th Edition (Cook Inlet, Southern Part) scale 1:200,000, dated May 10, 1965, and with USC&GS Chart #8665, Iliamna Bay, Alaska, 4th edition, dated January 13, 1964, scale 1:20,000.

Items to be Applied to Nautical Charts Immediately: None

Items to be Carried Forward: None

Submitted by,

Lowell O. Neterer, Jr.  
Carto (Tech)

FIELD EDIT REPORT

SHEET T-12322

INISKIN BAY

PH-6301

J  
JUNE 1969

USC&GSS PATHFINDER

CAPT E. A. TAYLOR, COMDG.

## 51 Methods

The field edit of this map was done in accordance with photogrammetric instructions and project instructions to the Commanding Officer, Ship PATHFINDER, dated April 15, 1969. Sextant fixes were used to verify and locate objects that could not be seen on the photographs.

All deletions, additions, 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.

## 52 Adequacy of Compilation

Compilation of the manuscript was adequate and complete for all areas within the boundaries indicated on the Field Edit Ozalid.

## 54 Recommendations

None

## 56 Additional Information

Alaska Daylight Time, time meridian 135W, was used for the entire survey.

Hydrographic signals used for field edit fixes are listed on a sheet attached to the Field Edit Ozalid and also included in this report. Geographic positions are given for each signal.

All fixes taken during the field edit are identified by number on the Field Edit Ozalid. The control and angles for each fix are listed on an attachment to the ozalid. This data is also a part of this report.

*Richard D. Olson*

Richard D. Olson  
ENS, USESSA  
Photo Officer

Approved:

*E. A. Taylor*

E. A. Taylor  
CAPT, USESSA  
Commanding Officer

J



ORIGIN OF HORIZONTAL CONTROL

Signal	Origin
001	△ ENTERENCE 1913
002	T-12322
003	T-12322
004	T-12322
007	T-12322
010	T-12322
013	1 m. North of △ BOULDER 1913
016	△ LEDGE
028	T-12322
029	T-12322
030	T-12322
031	T-12322
032	T-12322
034	T-12322
037	RM1 of △ INISKIN SOUTH BASE 2 1967
040	PF 10-1-69-A HYDRO.
043	PF 10-1-69-A HYDRO.
045	△ SKIN 1967

PF 10-1-69

OPR 429 AREA Iniskin Bay

VESSEL ALL

DAY ALL

POSITION ALL TO —

TYPE OF TAPE Visual Hydro.

Signal Control Data.

001 59 38 0870✓ 153 28 0788✓

002 59 38 1494✓ 153 28 0329✓

003 59 38 1709✓ 153 28 0291✓

004 59 39 0541✓ 153 27 0782✓

007 59 40 0331✓ 153 27 0607✓

010 59 40 1839✓ 153 27 0257✓

013 59 41 1427✓ 153 26 0468✓

016 59 43 0106✓ 153 26 0468✓

028 59 38 0461✓ 153 25 0713✓

029 59 38 0561✓ 153 24 0847✓

030 59 37 1716✓ 153 26 0333✓

031 59 38 1158✓ 153 26 0462✓

032 59 38 1039✓ 153 25 0342✓

034 59 39 0600✓ 153 24 0536✓

037 59 40 0379✓ 153 23 0251✓

040 59 41 0309✓ 153 23 0135✓

043 59 42 1745✓ 153 22 0664✓

045 59 45 0221✓ 153 24 0720✓

ck R.O.S

Field Edit Data  
T-12322

1 of 5

(17)

							Location	
Date	Fix No	Time Zone 135°W Time	Object	Height/ Depth	Datum		L R C	Signals
June 27, 69 Day 178	6057	0515	Rock	+1'	Water		See Photo	
							62W 6254	
	6058	0518	Rock	+3'	"			
	6059	0519	Rock	+4'	"			
	6060	0520	Rock	+3'	"			
	6061	0524	Rock	+1'	"		Photo 62W 6254	
	6062	0525	Rock	+3'	"			
	6063	0525	Rock	+6'	"			
	6064	0527	Rock	+2'	"		Photo 62W 6254	
	6065	0529	Rock	+15'	"			
	6066	0531	Rock	+15'	"			
	6067	0535	Rock	-1'	"		Photo 62W 6254	
	6068	0545	Rock	+1'	"		17 30 039 141 20 001	
	6069	0550	Rock	+7'	"			
	6071	0555	Rock	-1'	"		Photo 62W 6254	
	6072	0559	Rock	+3'	"			
	6073	0601	Rock	-1'	"		Photo 62W 6254	
	6074	0603	Rock	+12'	"			
	6075	0604	Rock	+4'	"			
	6076	0611	Rock	+4'	"			
	6077	0616	Rock	+2'	"		Photo 62W 6254	

(18)

							Location	
Date	Fix No	Time Zone 135°W Time	Object	Height/ Depth	Datum		L R C K	Signals
June 27, 67	6078	0618	Islet	+24'	Water			
Day 178	6079	0621	Islet	+24'	"			
	6080	0622	Rock	+4'	"			
	6081		foul with small rocks					
	6082	0635	Rock	+1/2'	"		47°53' 68°49'	034 031 004
	6083	0640	Rock	+1'	"		62°04' 41°11' 71°10'	034 030 004 04-32
	6084	0648	Rock	+1'	"			
	6085	0649	Rock	+2'	"			
	6086	0651	Rock	+4'	"			
	6087	0652	Rock	+4'	"		Photo 62W 6256	
	6088	0657	Rock	+1'	"			
	6089	0658	Rock	+1'	"			
	6090	0659	Rock	+5'				
	6091		Rock	+2'	Mud		58°59' 49°39' 33°00'	037 032 004 004-031
	6092		Rock	+2'	Mud		59°56' 141°11'	037 032 007
	6093		Rock	+4'	Mud		113°40' 116°03' 72°08'	034 007 010 007-031
	6094		Rock	+4'	Mud		119°08' 110°32' 83°52'	037 007 010 007-034

(19)

							Location	
Date	Fix No.	Time Zone (35°W) Time	Object	Height/ Depth	Datum		L + R + CK	Signals
<del>6102</del> June 27, 69	6102		Boulder	+4'	Mud			
Day 178	6103		Boulder	+4'	Mud			
	6104		Boulder	+5'	Mud			
	6105		Boulder	+8'	Mud			
	6106		Boulder	+10'	Mud		Mud Flat At Water level At 1015	
	6107		Boulder	+6'	Mud			
	6108		Boulder	+20'	Mud			
	6109		Boulder	+6'	Mud			
	6110		Rock	+2'	Mud		Photo 62W6258	
	6111		Rock	+3'	Mud			
	6112		Boulder	+5'	Mud		Mud Flat at Water level at 1002	
	6113		Boulder	+9'	Mud			
	6114		Boulder	+4'	Mud			
	6115	1017	Boulder	+3'	Water			
	6116	1020	Rock	+1'	"			
	6117	1021	Rock	+0'	"			
	6118	1022	Boulder	+3'	"			
	6119	1023	Boulder	+1'	"			
	6120	1025	Rock	+0'	"			
	6121	1028	Rock	+0'	"			
	6122	1029	Boulder	+3'	Water			

(20)

Location

Date	Fix No	Time Zone Time	Object	Height/ Depth	Datum	Lt Rt CKX	Signal
June 27, 69	6123	1030	Boulder	+3'	Water		
Day 178	<del>612</del> 6124	1036	Boulder	+3'	Water	29°58' 33°41' 54°43'	037 034 031 040-034
June 28, 69	6160	0635	Rock	+1'	"	21°40' 28°24' 14°51'	001 003 030 003-004
Day 179							
	6161	0636	Boulder	+1'	"	36°22' 55°55' 09°43'	001 004 030 007-004
	6162	0646	Boulder	+1'	"	38°42' 34°55' 82°42'	001 004 030 009-030
	6163	0648	Reef	+8'	"	Photo 62W 6254	
	6165	0658	Rock	+14'	"		
	6166	0707	end of Reef	+1'	"	57°29' 67°09' 32°32'	001 004 031 002-004
	6169	0745	Reef	+2'	Water	<del>6</del> Photo 62W 6254	
	6170	0748	high point of Reef	+10'	"	See Photo 62W 6254	
	6171	0748	edge of Reef	+2'	"		
	6172	0751	Rock	+6'	"		
	6173	0751	Rock	+7'	"		
	6174	0752	Rock	+12'	"		
	6175	0753	Rock	+7'	"		
	6176	0753	Rock	+6'	Water		

(21)

							Location	
Date	Fix No	Time Zone 135°W Time	Object	Height/ Depth	Datum		L R C X	Signal
June 28, 69 Day 179	6177	0755	Rock	+10'	Water			
	6178	0757	Rock	+1'	"		48° 54' 104° 36' 75° 07'	001 004 034 004-031
	6179	0758	Reef	+2'	"			
	6181	0804	Boulder	+7'	"		54° 36' 92° 35' 80° 14'	001 004 034 004-031
	6182	0808	Reef	+6'				
	6183	0809	Boulder	+4'			28° 08' 93° 16' 104° 58'	004 031 032 031-029
	6184	0811	Reef	+4'				
	6185	0812	Reef	+4'				
	6186	0825	Islet	+30'			Photo 62W6254	
	6187	0829	Rock	+22'				
	6188	0820	Rock	+20'				
	6189	0820	3 Rocks	+7'			Photo 62W6254	
	6190	0820	Rock	+5'			Photo 62W6254	
	6191		Rock	+7'	± MHWL			
June 28, 69 Day 179	6192	0646	Reef	+1'			See Photo 67M871	
June 28, 69 Day 179	6193	0703	Reef	+3'			45° 48' 37° 48' 24° 22'	001 004 031 002-004



## PHOTOGRAMMETRIC OFFICE REVIEW

T-12322 Jx10362

1. PROJECTION AND GRIDS RJP	2. TITLE RJP	3. MANUSCRIPT NUMBERS RJP	4. MANUSCRIPT SIZE RJP
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY RJP	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) XX		7. PHOTO HYDRO STATIONS XX
8. BENCH MARKS XX	9. PLOTTING OF SEXTANT FIXES XX	10. PHOTOGRAMMETRIC PLOT REPORT RJP	11. DETAIL POINTS RJP
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE RJP	13. LOW-WATER LINE XX	14. ROCKS, SHOALS, ETC. RJP	15. BRIDGES XX
16. AIDS TO NAVIGATION XX	17. LANDMARKS XX	18. OTHER ALONGSHORE PHYSICAL FEATURES RJP	19. OTHER ALONGSHORE CULTURAL FEATURES XX
PHYSICAL FEATURES			
20. WATER FEATURES RJP	21. NATURAL GROUND COVER XX		22. PLANETABLE CONTOURS XX
23. STEREOSCOPIC INSTRUMENT CONTOURS XX	24. CONTOURS IN GENERAL XX	25. SPOT ELEVATIONS XX	26. OTHER PHYSICAL FEATURES RJP
CULTURAL FEATURES			
27. ROADS XX	28. BUILDINGS XX	29. RAILROADS XX	30. OTHER CULTURAL FEATURES XX
BOUNDARIES			
31. BOUNDARY LINES XX		32. PUBLIC LAND LINES XX	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES RJP	34. JUNCTIONS Waiting for photo reduction		35. LEGIBILITY OF THE MANUSCRIPT RJP
36. DISCREPANCY OVERLAY RJP	37. DESCRIPTIVE REPORT RJP	38. FIELD INSPECTION PHOTOGRAPHS XX	39. FORMS RJP
40. REVIEWER RJP, AUG 1. 1968		SUPERVISOR, REVIEW SECTION OR UNIT 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 Charles Blood		SUPERVISOR A.C. Rauck	
43. REMARKS Field edit applied from - field edit ozalid, film copy of boat sheet, list of hydrographic signals, with geographic positions. List of all fixes, identified by number on the field edit ozalid. One each, matte and cronapaque ratio photographs, 62W6254 thru 6258.			

Review Report T-12322  
Shoreline Survey  
January 1976

62. Comparison with Registered Topographic Surveys

T-3421, 1:20,000 scale, 1913

This survey is superseded by the new map.

63. Comparison with Maps of Other Agencies

Refer to Item 46 in the Compilation Report.

64. Comparison with Contemporary Hydrographic Surveys

H-9071, 1:10,000 June 1969

H-9328 1:10,000 October 5, 1972

Comparison was made with the final reviewed hydrographic surveys and they are in agreement. That portion of the manuscript that falls on H-9328 was not field inspected.

65. Comparison with Nautical Charts

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

66. Adequacy of Results and Future Surveys


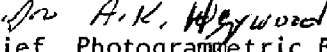
This map meets the National Standards of Map Accuracy and complies with Bureau requirements.

Submitted by,



J. B. Phillips

Approved:

  
  
Chief, Photogrammetric Branch

  
Chief, Coastal Mapping Division

## GEOGRAPHIC NAMES

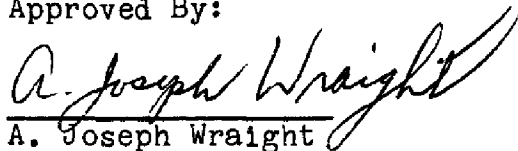
## FINAL NAME SHEET

PH-6301 (Cook Inlet, Alaska)

T-12322

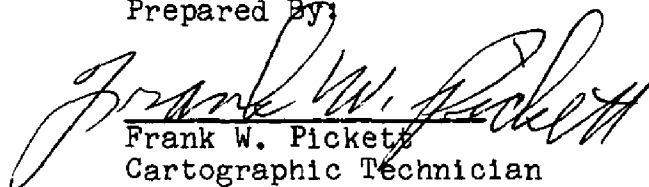
Back Range  
Cook Inlet  
Entrance Rock  
Iniskin Bay  
Knoll Head  
Mushroom Islets  
Vert Island

Approved By:



A. Joseph Wraight  
Chief, Geographer

Prepared By:



Frank W. Pickett  
Cartographic Technician

## DESCRIPTIVE REPORT, CONTROL RECORD

MAP T. 12322 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)
BOULDER, 1913	G.P. Vol. 5 Pg. 396	N.A. 1927	59°41'46.081"	1426.1	(430.7)
			153°26'27.918"	468.0	(470.5)
ENTRANCE, 1913	G.P. Vol. 5 Pg. 402	N.A. 1927	59°38'28.120"	870.2	(986.6)
			153°28'50.316"	788.4	(151.7)
COMPUTED BY A.C. Rauck, Jr.	DATE March 13, 1968	CHECKED BY B.L. Barge	DATE July 19, 1968		

**B.L. Barge**

DATE \_\_\_\_\_

July 19, 1968

25