

T-12332

T-12332

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-12332.....

Classification No. Final Edition No.1.....

Field Edited Map

LOCALITY

State ..Alaska.....

General LocalityKamishak Bay
.....Cook Inlet.....

Locality ..Augustine Island (West).....

19 62 TO 1971

REGISTRY IN ARCHIVES

DATE

DESCRIPTIVE REPORT - DATA RECORD

T - 12332

PROJECT NO. (II):

PH-6301

FIELD OFFICE (III):

None

CHIEF OF PARTY

PHOTOGRAMMETRIC OFFICE (III):

Atlantic Marine Center

OFFICER-IN-CHARGE

J. Bull, RADM, Director

INSTRUCTIONS DATED (II) (III):

March 18, 1965, Office, Part I

Feb. 10, 1966, Supplement I

May 5, 1967, Supplement II

Dec. 27, 1967, Supplement III

April 2, 1968, Supplement IV

April 9, 1968, Supplement V

METHOD OF COMPILATION (III):

Wild B-8

MANUSCRIPT SCALE (III):

1:20,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):

1:15,000 pantographed to 1:20,000

DATE RECEIVED IN WASHINGTON OFFICE (IV):

DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.

DATE:

DATE REGISTERED (IV):

R. T. CATPR
JUN 1976

GEOGRAPHIC DATUM (III):

N.A. 1927

VERTICAL DATUM (III): High Water

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 lower low water~~ mean lower low water

REFERENCE STATION (III):

South Augustine 2, 1964

LAT.:

LONG.:

59°19'25.806" (800.3M)

153°31'16.0900" (254.5M)

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

STATE

ZONE

Y, 945,128.72 ft.

X= 589,442.50 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.

DESCRIPTIVE REPORT - DATA RECORD

T-12332

FIELD INSPECTION BY (III): None		DATE:
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air photo compilation - photography taken June 29, 1962		
PROJECTION AND GRIDS RULED BY (IV): A.E. Roundtree		DATE 3/30/67
PROJECTION AND GRIDS CHECKED BY (IV): R. Glaser		DATE 4/3/67
CONTROL PLOTTED BY (III): J. Steinberg		DATE 6/1/67
CONTROL CHECKED BY (III): V.E. Serena		DATE 6/1/67
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): R.B. Kelly		DATE 5/67
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY A.L. Shands	DATE 6/22/67
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): A.L. Shands		DATE 6/28/67
SCRIBING BY (III):		DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): C.H. Bishop		DATE 6/30/67
REMARKS: Field edit by A.P. Vonderohe, July 1971. A very small amount of field edit was transferred to this map from the 1973 field edit ozalid for the adjoining map, T-12333.		

DESCRIPTIVE REPORT - DATA RECORD

T-12332

CAMERA (KIND OR SOURCE) (III):

Wild RC8 "W"

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
62W7211,7213,7215, 7217,7218	6/29/62	1458	1:30,000	7.7 ft. above MLLW
62W7227,7230,7233	6/29/62	1509	1:30,000	7.3 ft. above MLLW

Predicted TIDE (III)

Diurnal

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Seldovia		15.4	17.8
SUBORDINATE STATION: Iliamna Bay		12.3	14.5
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV):

J.B. Phillips

DATE:

May 1976

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

RECOVERED:

IDENTIFIED:

NUMBER OF BM(S) SEARCHED FOR (II):

RECOVERED:

IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

None

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

None

REMARKS:

SUMMARY

T-12332 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 1971

Final review was accomplished at the Rockville Office in May 1976

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

T-12332

COMPILATION RECORD

COMPLETION DATE

REMARKS

Compilation complete pending field edit		
Alongshore Area for hydro	June 1967	Superseded
Field edit applied	Dec. 1972	
1973-Field edit from T-12333 applied Compilation Complete	Jan. 1974	

PHOTOGRAMMETRIC PLOT REPORT
JOB PH-6301
AUGUSTINE ISLAND, ALASKA

May 1967

21. Area Covered

Covered in this report is the entire area of Augustine Island, Alaska, which is located in the west-central portion of Cook Inlet. Two T-sheets (T-12332 and T-12333) cover the entire island.

22. Method

Two bridges, with drilled plates, were run on the stereo-planigraphs and adjusted by IBM 1620 methods. Strip #1 (62-W-7206, 7209, 7211, 7213, 7215, 7217 and 7218) was adjusted by the straight line method on two triangulation stations. Checks consisted of companion substations and ties to Strip #2 (62-W-7227, 7230, 7233, 7235, 7238, and 7240) was adjusted on three triangulation stations. Checks consisted of companion substations and ties to Strip #1. All tie points between strips were averaged.

23. Adequacy of Control

Control was not adequate for a complete check of the bridging adjustment; however, it is realized that no other control was available in the area. Control did meet with project instructions. KAMISHAK 1946, SS "B", could not be held in the adjustment. This was due to the poor photo quality and its being a bad image point.

24. Supplemental Data

Local USGS quads were used for rough leveling during bridging operations.

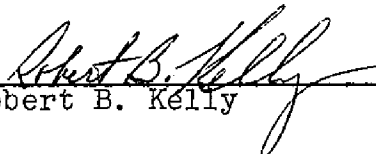
25. Photography

Photography was adequate as to coverage and overlap. The definition in the areas of extreme elevations was very poor.

25. Photography, cont.

It is believed that this poor definition was caused by the sudden change in elevation, thereby causing image movement in the areas nearest to the camera.

Submitted by:


Robert B. Kelly

Approved by:

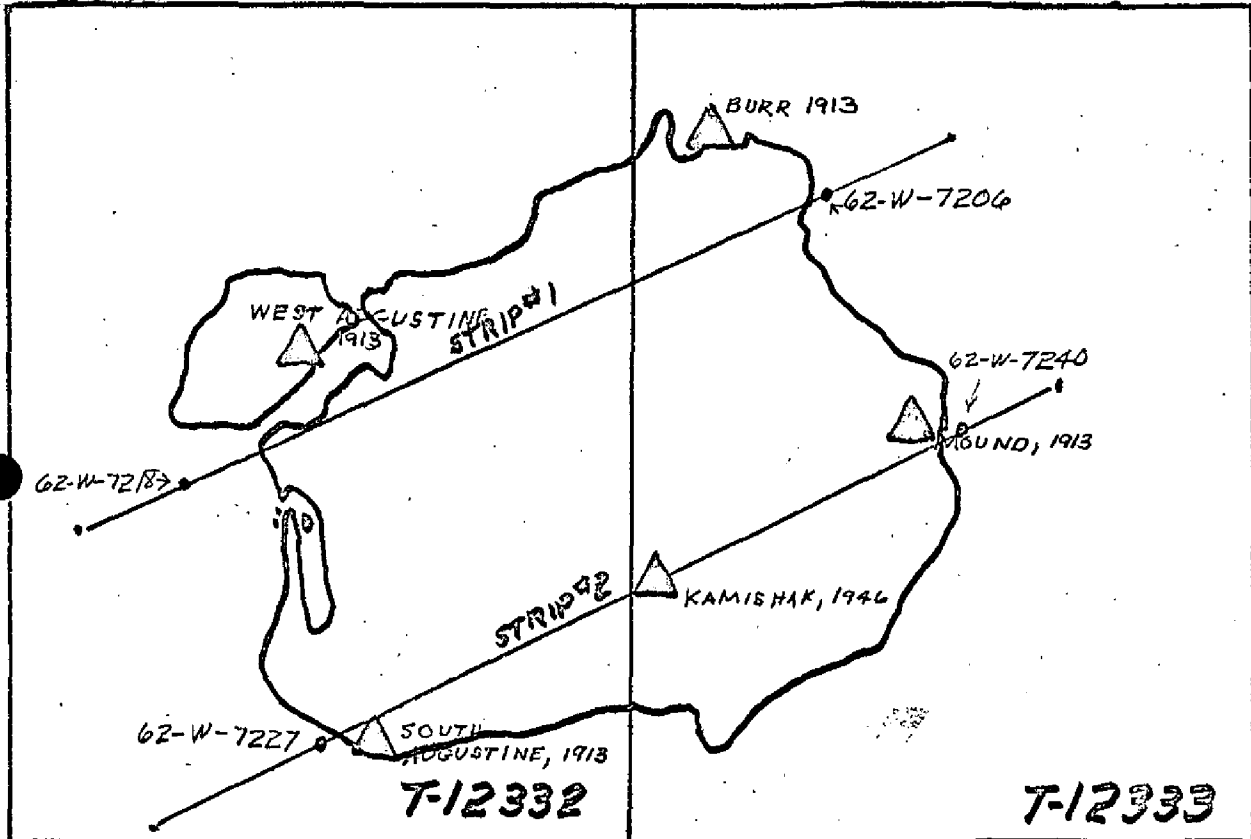

John D. Perrow, Jr.

PH-6301

AUGUSTINE ISLAND, ALASKA

153° 37' 30"

59° 26' 00"



Compilation Report
Map Manuscript T-12332
Project PH-6301

31. Delineation

Planimetry was compiled by Wild B-8 instrument, using photographs taken at approximately eight feet above mean lower low water.

32. Control

See Photogrammetric Plot Report, Augustine Island, Alaska, dated May 1967, attached to this report.

33. Supplemental Data - None

34. Contours and Drainage

Contours are inapplicable. Perennial streams were delineated a short distance inshore from the mean high water line.

35. Shoreline and Alongshore Features

Shoreline and alongshore features were delineated from office interpretation of the photographs.

36. Offshore Details

Some images on the photographs on the north side of Augustine Island compiled as reefs may be tide rips. This has been called to the attention of the field editor on the field edit ozalid.

37. Landmarks and Aids - None

38. Control for Future Surveys - None

39. Junctions

A satisfactory junction was made with T-12333 on the east. There is no detail that junctions with T-12331 on the west. There are no contemporary surveys on the north and south sides of this map.

40. Horizontal and Vertical Accuracy - No statement.

41. Comparison with Old Surveys

A comparison was made with an old survey, Register No. 3568, Cook Inlet, West Shore, Chinitna Point to Augustine Island, scale 1:80,000, dated August-September 1913. This old survey is entirely inadequate for shoreline comparison purposes.

46. Comparison with Existing Maps

A comparison was made with USGS quadrangle Iliamna (B-2) Alaska, scale 1:63,360, dated 1958.

47. Comparison with Nautical Charts

A comparison was made with C&GS chart 8554, scale 1:200,000, 9th Edition, dated May 10, 1965.

Items to be Applied to Nautical Charts Immediately: None

Items to be Carried Forward: None

Submitted by,

Charles H. Bishop
Cartographer
June 1968

Approved:

J. Bull, RADM, Director
Atlantic Marine Center

FIELD EDIT REPORT

SHEET T-12332

LOWER COOK INLET

(AUGUSTINE ISLAND)

PH-6301

JULY 1971

NOAA SHIP PATHFINDER

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

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

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

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.

There are thousands of scattered boulders around Augustine Island which are not visible on the photograph. The foul¹ was determined by locating the outer most boulders at low water.

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 is part of this report.

Alan P. Vonderohe
Alan P. Vonderohe
LTJG, NOAA
Photo Officer

Horizontal Control

Augustine Island

<u>IGNAL NAME</u>	<u>LATITUDE</u> meters	<u>LONGITUDE</u> meters	<u>ORIGIN OF POSITION</u>	
			<u>photo</u>	<u>triangulation station</u>
001	59 19 1226.6	153 25 0893.7	T-12333	
01d 002	59 19 0773.3	153 28 0187.9	T-12332	
002	59 19 0796.4	153 28 0467.3	T-12332	
003	59 19 0542.3	153 30 0204.6	T-12332	
004 (TINE)	59 19 0804.5	153 31 0263.7	T-12332	TINE
005 (CENTER)	59 21 0559.0	153 31 0746.0	T-12332	CENTER
006	59 21 1738.6	153 32 0830.0	T-12332	
007	59 22 0430.0	153 33 0209.5	T-12332	
008 (ISLAND)	59 22 0664.0	153 34 0392.0	T-12332	ISLAND 1935
009	59 22 0943.5	153 34 0082.1	T-12332	
010	59 23 0395.3	153 33 0732.0	T-12332	
011	59 23 1166.3	153 32 0489.6	T-12332	
012	59 23 0806.2	153 30 0819.8	T-12332	
013	59 23 1320.7	153 28 0837.4	T-12332	
014	59 21 1795.2	153 20 0526.3	T-12333	
015	59 21 0924.4	153 20 0328.0	T-12333	
016	59 20 1602.7	153 21 0140.3	T-12333	
017	59 20 0589.0	153 21 0629.8	T-12333	
018	59 20 0110.9	153 22 0744.2	T-12333	
019	59 19 1536.9	153 23 0594.2	T-12333	
020	59 19 0656.8	153 24 0691.4	T-12333	

Horizontal Control

Augustine Island

<u>SIGNAL NAME</u>	<u>LATITUDE</u> ° ' meters	<u>LONGITUDE</u> ° ' meters	<u>ORIGIN OF POSITION</u>	
			<u>photo</u>	<u>triangulation station</u>
MOUND	59 22 0520.0	153 21 0157.6	T-12333	MOUND (1913)
021	59 19 1053.5	153 27 0506.9	T-12332	
022	59 24 0662.8	153 27 0706.0	T-12332	
023 (BURR)	59 25 0212.8	153 25 0198.1	T-12333	BURR (1913)
027	59 22 0555.4	153 20 0557.4	T-12333	

EDIT DATA

T- 12332

FLY NO.	TIME DATE	OBJECT	HEIGHT (DEPTH)	DATUM	LOCATION	
					SIGNALS	ANGLES
001 / Aw MLLW	0925 6/11/71	Rock near Foul limit	+3 ft A	Water	004	16° 32'
					002 old	
					001	114° 10'
002 / Aw MLLW	0925 6/11/71	Rock edge of foul limit	Awash	Water	004	15° 26'
					002 old	
					001	112° 12'
003 Aw MLLW	0940 6/11/71	Rock edge of foul limit	Awash	Water	004	30° 44'
					002 old	
					001	103° 22'
004 Aw MLLW	0945 6/11/71	Rock edge of foul limit	+1 ft	Water	004	38° 22'
					002 old	
					001	92° 17'
005 (3)	0945 6/11/71	Rock edge of foul limit	+.5 ft	Water	004	43° 55'
					002 old	
					001	89° 13'
- 34 006	0950 6/11/71	Rock edge of foul limit	-1 ft	Water	004	47° 21'
					002 old	
					001	85° 52'
HW MLLW 007	0950 6/11/71	Rock edge of foul limit	Awash	Water	004	51° 36'
					002 old	
					001	81° 49'
Aw MLLW 008	0955 6/11/71	Outer limits of reef	Awash	Water	004	62° 00'
					002 old	
					001	76° 27'
Aw MLLW 009	0956 6/11/71	Limits of reef	Awash	Water	004	64° 16'
					002 old	
					001	68° 55'
Aw MLLW 010	0957 6/11/71	Limits of reef	Awash	Water	004	66° 12'
					002 old	
					001	57° 28'
Aw 011	1015 6/11/71	Limits of small reef	Awash	Water	004	58° 21'
					002 old	
					001	65° 40'
Aw 012	1015 6/11/71	Limits of small reef	Awash	Water	004	58° 21'
					002 old	
					001	65° 40'

same

gcr

FIX NO.	TIME DATE	OBJECT	HEIGHT (DEPTH)	DATUM	LOCATION	
					SIGNALS	ANGLES
Aw 013	1015 6/11/71	Limits of small reef	Awash	Water	004 002 old 001	63° 23' 60° 49'
Aw 014	1030 6/11/71	Limit of foul area	Awash	Water	004 002 old 001	71° 28' 54° 19'
-3# 015	1030 6/11/71	Limit of foul area	-1 ft	Water	004 002 old 001	77° 10' 49° 09'
Aw 016	1040 6/11/71	Rock near edge of foul limit	Awash	Water	004 002 old 001	82° 05' 45° 22'
(3) 017	1040 6/11/71	Rock edge of foul limit	+5 ft	Water	004 002 old 001	81° 34' 94° 14'
Aw 018	1045 6/11/71	Rock edge of foul limit	Awash	Water	004 002 old 001	87° 27' 39° 25'
Aw 019	1045 6/11/71	Rock edge of foul limit	Awash	Water	004 002 old 001	92° 23' 36° 29'
-4# 020	1055 6/11/71	Rock edge of foul limit	-2 ft	Water	004 002 old 001	94° 26' 34° 23'
(3) 021	1100 6/11/71	Rock	+5 ft	Water	004 002 old 001	104° 08' 30° 36'
(4) 022	1110 6/11/71	Rock	+5 ft	Water	004 002 old 001	104° 34' 21° 02'
Aw 023	1000 6/12/71	Rock edge of foul limit	Awash	Water	004 003 001	43° 49' 62° 20'
Aw 024	1000 6/12/71	Rock 50' inshore from 023	+2 ft	Water		

ADD EDIT DATA

T- 12332

FIX NO.	TIME DATE	OBJECT	HEIGHT (DEPTH)	DATUM	LOCATION	
					SIGNALS	ANGLES
AW 025	1005 6/12/71	Rock edge of foul limit	Awash	Water	004	27° 18'
					003	
					001	86° 28'
A-5 026	1120 6/12/71	Rock	Awash	Water	004	9° 49'
					003	
					001	119° 02'
-3 ft 027	1125 6/12/71	Rock on foul limit	-1 ft	Water	003	92° 48'
					002 old	
					001	28° 38'
AW 029	1140 6/12/71	Rock on foul limit	+1 ft	Water	003	91° 20'
					002 old	
					001	21° 04'
-3 ft 030	1150 6/12/71	Rock on foul limit	-2 ft	Water	004	43° 01'
					003	
					002 old	51° 25'
(4) 031	1200 6/12/71	Rock inside foul limit	+1.5 ft	Water	003	125° 20'
					002 old	
					001	13° 20'
-5 ft 032	1215 6/12/71	Rock on foul limit	-4 ft	Water	004	08° 26'
					003	
					002 old	123° 30'
(4) 033	1215 6/12/71	Rock on foul limit	+1.5 ft	Water	004	15° 42'
					003	
					002 old	116° 15'
AW 034	1225 6/12/71	Rock near foul limit	-1 ft	Water	004	30° 15'
					003	
					002 old	83° 35'
AW 035	1230 6/12/71	Rock near foul limit	-1 ft	Water	004	33° 05'
					003	
					002 old	79° 03'
AW 036	1235 6/12/71	Rock on foul limit	+1 ft	Water	004	44° 24'
					003	
					002	62° 59'
AW 037	0855 6/22/71	Rock on foul limit	Awash	Water	004	49° 03'
					003	
					002	39° 17'

FIELD EDIT DATA

T- 123 32

(19)

PEX NO.	TIME DATE	OBJECT	HEIGHT (DEPTH)	DATUM	LOCATION	
					SIGNALS	ANGLES
-6 ft 038	0900 6/22/71	Rock on foul limit	-4 ft	water	004 003 002	46° 13' 40° 36'
-4 039	0910 6/22/71	Rock on foul limit	-2 ft	water	004 003 002	59° 33' 32° 05'
-5 040	0912 6/22/71	Rock on foul limit	-3 ft	water	004 003 002	63° 34' 26° 11'
-3 041	0915 6/22/71	Rock on foul limit	-1 ft	water	004 003 002	63° 39' 24° 48'
-4 042	0918 6/22/71	Rock on foul limit	-2 ft	water	004 003 002	64° 02' 21° 16'
AW 043	0924 6/22/71	Rock on foul limit	+1 ft	water	004 003 020	68° 29' 13° 04'
AW 056	1104 6/27/71	Rock on foul limit	-1 ft	water	002 021 001	49° 47' 44° 22'
AW 057	1110 6/27/71	Rock on foul limit	-2 ft	water	002 021 001	37° 00' 72° 57'
AW 058	1117 6/27/71	Rock on foul limit	-1 ft	water	002 021 001	26° 48' 92° 18'
059	1120 6/27/71	Rock on foul limit	-4 ft	water	002 021 001	24° 33' 90° 35'
AW 060	1124 6/27/71	Rock on foul limit	-2 ft	water	002 021 001	22° 30' 87° 41'
-5 061	1129 6/27/71	Foul limit	-5 ft	water	002 021 001	20° 28' 87° 14'

PI NO.	TIME DATE	OBJECT	HEIGHT (DEPTH)	DATUM	LOCATION	
					SIGNALS	ANGLES
AW 120	1045 6/27/71	Rock on foul limit	+2 ft	water	007	43° 15'
					006	
					005	63° 13'
AW 122	1050 6/27/71	Rock inside foul limit	-2 ft	water	007	43° 31'
					006	
					005	47° 28'
AW 123	1052 6/27/71	Rock on foul limit	+1 ft	water	007	38° 39'
					006	
					005	40° 39'
AW 124	1055 6/27/71	Rock on foul limit	-2 ft	water	007	33° 27'
					006	
					005	35° 15'
AW 125	1056 6/27/71	Rock on foul limit	+1/2 ft	water	007	31° 27'
					006	
					005	33° 20'
-4 126	1058 6/27/71	Rock on foul limit	-4 ft	water	007	28° 19'
					006	
					005	30° 23'
-4 127	1101 6/27/71	Rock on foul limit	-4 ft	water	008	61° 00'
					007	
					006	26° 48'
75 129	1108 6/27/71	Rock on foul limit	-5 ft	water	008	57° 26'
					007	
					006	25° 36'
-5 130	1113 6/27/71	Rock on foul limit	-5 ft	water	008	48° 27'
					007	
					006	20° 05'
-5 131	1115 6/27/71	Rock on foul limit	+2 ft	water	008	46° 52'
					007	
					005	37° 02'
AW 132	1118 6/27/71	Rock on foul limit	Awash	water	008	49° 52'
					005	15° 10'
					006	
AW 133	1123 6/27/71	Rock on foul limit	Awash	water	008	41° 41'
					005	
					004	24° 57'

FIX NO.	TIME DATE	OBJECT	HEIGHT (DEPTH)	DATUM	LOCATION	
					SIGNALS	ANGLES
3 139	1159 6/27/71	Rock on foul limit	-3 ft	water	008	51° 50'
					005	
					004	26° 04'
AW 140	1215 6/27/71	Rock on foul limit	+2 ft	water	007	43° 12'
					005	63° 09'
					005	
AW 141	1216 6/27/71	Rock on foul limit	-1 ft	water	007	43° 04'
					006	68° 50'
					005	
AW 142	1220 6/27/71	Rock on foul limit	-1/2 ft	water	007	41° 29'
					005	77° 28'
					005	
+3 143	1142 6/28/71	Rock on foul line	+1 1/2 ft	water	011	74° 13'
					010	23° 54'
					008	
+3 144	1145 6/28/71	Rock on foul line	+2 ft	water	011	72° 54'
					010	16° 08'
					008	
AW 145	1146 6/28/71	Rock on foul line	-1 ft	water	011	71° 08'
					010	15° 39'
					008	
AW 146	1150 6/28/71	Rock on foul line	-3 ft	water	011	65° 43'
					010	14° 33'
					008	
AW 147	1153 6/28/71	Rock on foul line	+1 ft	water	011	58° 34'
					010	12° 07'
					008	
AW 148	1201 6/28/71	Rock on foul line	+1 ft	water	012	17° 52'
					011	51° 29'
					010	
-3 149	1213 6/28/71	Rock on foul line	-4 ft	water	012	34° 43'
					011	50° 33'
					010	
AW 150	1219 6/28/71	Rock on foul line	-1/2 ft	water	012	40° 30'
					011	44° 37'
					010	

PEY NO.	TIME DATE	OBJECT	HEIGHT (DEPTH)	DATUM	LOCATION	
					SIGNALS	ANGLES
151 AW	1230 6/28/71	Rock on foul line	+1 ft	water	012	46° 26'
					011	
					010	31° 30'
AW 153	0800 7/8/71	Rock on foul limit	Awash	water	010	47° 39'
					009	
					008	22° 47'
-3 154	0803 7/8/71	Rock inside of foul limit	-1/2 ft	water	010	50° 06'
					009	
					008	25° 54'
-3 155	0805 7/8/71	Rock on foul limit	-1 ft	water	010	51° 33'
					009	
					008	26° 03'
AW 156	0809 7/8/71	Rock on foul limit	Awash	water	010	58° 29'
					009	
					008	27° 57'
AW 157	0812 7/8/71	Rock on foul limit	+1 ft	water	010	61° 42'
					009	
					008	26° 07'
AW 158	0815 7/8/71	Rock inside foul limit	Awash	water	010	76° 56'
					009	
					008	34° 37'
-3 159	0820 7/8/71	Rock inside foul limit	-1 ft	water	010	84° 11'
					009	
					008	33° 03'
-3 160	0825 7/8/71	Edge of foul limit	-1/2 ft	water	010	
					009	81° 58'
					008	22° 00'
-AW 161	0828 7/8/71	Rock inside foul limit	Awash	water	010	
					009	35° 37'
					008	19° 54'
-4 162	0832 7/8/71	Breaker line edge of foul limit	-2 ft	water	010	82° 48'
					009	
					008	19° 20'
AW 163	0836 7/8/71	Edge of foul limit	Awash	water	010	
					009	79° 38'
					008	15° 08'

FIX NO.	TIME DATE	OBJECT	HEIGHT (DEPTH)	DATUM	LOCATION	
					SIGNALS	ANGLES
#W 164	0840 7/8/71	Edge of foul limit	+4 ft	water	010	72° 47'
					009	
					008	13° 22'
Aw 165	0842 7/8/71	Edge of foul limit	Awash	water	010	64° 44'
					009	
					008	12° 25'
Aw 166	0844 7/8/71	Edge of foul limit	Awash	water	010	58° 02'
					009	
					008	11° 25'
Aw 167	0846 7/8/71	Edge of foul limit	Awash	water	010	52° 31'
					009	
					008	10° 26'
Aw 168	0848 7/8/71	Edge of foul limit	Awash	water	010	44° 26'
					009	
					008	09° 34'
Aw 169	0851 7/8/71	Edge of foul limit	Awash	water	010	35° 35'
					009	
					008	08° 55'
Aw 170	0854 7/8/71	Isolated rock outside foul limit	+2 ft	water	010	34° 55'
					009	
					008	09° 02'
Aw 171	0857 7/8/71	Rock on foul limit	+2 ft	water	011	66° 01'
					010	
					008	30° 22'
+3 172	0900 7/8/71	Rock on foul limit	+5 ft	water	011	74° 46'
					010	
					009	23° 57'

FIX NO.	TIME DATE	OBJECT	HEIGHT (DEPTH)	DATUM	LOCATION	
					SIGNALS	ANGLES
AW 173	0905 7/8/71	Isolated Rock outside Foul Limit	+2 ft	Water	11	56° 27'
					10	
					9	14° 33'
AW 175	0915 7/8/71	Rock Near foul Limit	+2 ft	Water	12	23° 07'
					11	
					10	58° 36'
AW 176	0947 7/8/71	Rock inside Foul Limit	+2 ft	Water	12	29° 12'
					11	
					10	60° 32'
AW 177	0920 7/8/71	Rock on Foul Limit	Awash	Water	12	31° 40'
					11	
					10	53° 25'
AW 178	0924 7/8/71	Rock out- side Foul Limit	+2 ft	Water	12	40° 15'
					11	
					10	39° 17'
+4 180	0929 7/8/71	Rock on Foul Limit	+5 ft	Water	13	29° 46'
					12	
					11	49° 44'
+3 181	0933 7/8/71	Rock inside Foul Limit	+4 ft	Water	13	34° 05'
					12	
					11	69° 27'
AW 182	0935 7/8/71	Foul Limit	+½ ft	Water	13	36° 56'
					12	
					11	71° 49'
AW 183	0938 7/8/71	Foul Limit	Awash	Water	13	35° 13'
					12	
					11	61° 41'
AW 184	0943 7/8/71	Foul Limit	Awash	Water	13	46° 40'
					12	
					11	92° 03'
AW 185	0953 7/8/71	Foul Limit	+2 ft	Water	13	62° 20'
					12	
					11	100° 00'
AW 186	0956 7/8/71	Foul Limit	+9 ft	Water	13	79° 19'
					12	
					11	78° 11'

FIX NO.	TIME DATE	OBJECT	HEIGHT (DEPTH)	DATUM	LOCATION	
					SIGNALS	ANGLES
+14 187	0958 7/8/71	Foul Limit	+15 ft	Water	13 12 11	88° 01' 70° 05'
AW 188	1000 7/8/71	Foul Limit	+1½ ft	Water	13 12 11	98° 50' 61° 39'
AW 189	1005 7/8/71	Foul Limit	+1 ft	Water	13 12 11	126° 07' 44° 45'
AW 190	1012 7/8/71	Reef	Awash	Water	13 12 11	69° 25' 32° 57'
AW 191	1015 7/8/71	Reef	+1½ ft	Water	13 12 11	61° 36' 30° 30'
AW 192	1016 7/8/71	Reef	Awash	Water	13 12 11	61° 18' 29° 47'
AW 193	1017 7/8/71	Reef	Awash	Water	13 12 11	66° 14' 28° 38'
AW 194	1020 7/8/71	Reef	-1 ft	Water	13 12 11	70° 25' 29° 15'
AW 195	1023 7/8/71	Reef	Awash	Water	13 12 11	71° 15' 32° 49'
AW 196	1027 7/8/71	Reef	Awash	Water	13 12 11	55° 34' 28° 16'
AW 197	1030 7/8/71	Reef	Awash	Water	13 12 11	53° 30' 27° 23'
AW 198	1033 7/8/71	Reef	Awash	Water	13 12 11	42° 42' 24° 19'

FIX NO.	TIME DATE	OBJECT	HEIGHT (DEPTH)	DATUM	LOCATION	
					SIGNALS	ANGLES
-3 200	0835 7/9/71	Foul Limit	Awash	Water	13	110° 28'
					12	
					11	53° 11'
AW 202	0835 7/9/71	Foul Limit	+1 ft	Water	23	01° 19'
					22	
					13	27° 18'
AW 203	0856 7/9/71	Foul Limit	+1 ft	Water	11	155° 23'
					23	
					13	31° 12'
-3 204	0903 7/9/71	Foul Limit	Awash	Water	23	35° 21'
					13	
					11	168° 01'
-3 205	0910 7/9/71	Foul Limit	Awash	Water	23	56° 05'
					13	
					11	139° 02'
-3 206	0913 7/9/71	Foul Limit	Awash	Water	23	63° 59'
					13	
					11	129° 32'
-7 207	0920 7/9/71	Foul Limit	-4 ft	Water	23	67° 25'
					13	
					11	125° 12'
AW 208	0930 7/9/71	Foul Limit	+1 ft	Water	23	83° 37'
					13	
					11	109° 24'
-13 209	0932 7/9/71	Ledge Limit	-10 ft	Water	23	96° 37'
					13	
					11	96° 12'
-5 210	0935 7/9/71	Foul Limit	-2 ft	Water	23	105° 25'
					13	
					11	89° 42'
AW 211	0940 7/9/71	Foul Limit	+1 ft	Water	22	127° 27'
					13	
					11	74° 40'
-4 212	0942 7/9/71	Foul Limit	-1 ft	Water	22	128° 54'
					13	
					11	71° 09'

FIX NO.	TIME DATE	OBJECT	HEIGHT (DEPTH)	DATUM	LOCATION	
					SIGNALS	ANGLES
AW 213	0945 7/9/71	Rock inside Foul Limit	+5 ft	Water	22	125° 31'
					13	
					11	60° 34'
AW 214	0950 7/9/71	Foul Limit	+1 ft	Water	23	108° 20'
					13	
					11	71° 13'
AW 215	0957 7/9/71	Foul Limit	+1 ft	Water	23	28° 02'
					22	
					13	79° 13'
AW 216	0959 7/9/71	Reef	+½ ft	Water	23	31° 27'
					22	
					13	56° 49'
AW 217	1002 7/9/71	Reef	Awash	Water	23	25° 39'
					22	
					13	56° 17'
-4 219	1005 7/9/71	Reef	-6 ft	Water	23	23° 32'
					22	
					13	60° 13'
AW 220	1008 7/9/71	Reef	Awash	Water	23	21° 33'
					22	
					13	54° 43'
AW 221	1010 7/9/71	Reef	+1 ft	Water	13	64° 43'
					12	
					11	32° 23'
AW 222	1012 7/9/71	Reef	Awash	Water	13	68° 21'
					12	
					11	34° 18'
AW 223	1014 7/9/71	Reef	Awash	Water	13	70° 32'
					12	
					11	36° 21'
AW 224	1025 7/9/71	Foul Limit	Awash	Water	23	47° 42'
					22	
					13	57° 21'
AW 226	1032 7/9/71	Foul Limit	+1 ft	Water	23	34° 36'
					22	
					13	82° 50'

STATION NO.	TIME DATE	OBJECT	HEIGHT (DEPTH)	DATUM	LOCATION	
					SIGNALS	ANGLES
AW 227	1038 7/9/71	Foul Limit	-1 ft	Water	23	66° 59'
					22	
					13	63° 00'
AW 228	1040 7/9/71	Foul Limit	-1 ft	Water	23	67° 32'
					22	58° 20'
					13	
AW 229	1043 7/9/71	Foul Limit	+1 ft	Water	23	55° 38'
					22	61° 56'
					13	
AW 230	1045 7/9/71	Foul Limit	+2 ft	Water	23	53° 31'
					22	58° 24'
					13	
AW 231	1048 7/9/71	Foul Limit	+1 ft	Water	23	53° 23'
					22	50° 45'
					13	
AW 232	1050 7/9/71	Foul Limit	+3 ft	Water	23	55° 50'
					22	46° 02'
					13	
AW 233	1053 7/9/71	Foul Limit	Awash	Water	23	58° 37'
					22	41° 53'
					13	
AW 234	1055 7/9/71	Foul Limit	Awash	Water	23	64° 22'
					22	37° 45'
					13	
AW 235	1100 7/9/71	Foul Limit	Awash	Water	23	75° 44'
					22	34° 16'
					13	
AW 236	1108 7/9/71	Foul Limit	Awash	Water	23	82° 32'
					22	31° 35'
					13	
AW 237	1110 7/9/71	Foul Limit	Awash	Water	23	87° 11'
					22	28° 29'
					13	
AW 238	1115 7/9/71	Foul Limit	Awash	Water	23	98° 22'
					22	24° 30'
					13	
				Water		



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

30

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.

PHOTOGRAMMETRIC OFFICE REVIEW
T-12332 Tx10362

1. PROJECTION AND GRIDS CHB		2. TITLE CHB		3. MANUSCRIPT NUMBERS CHB		4. MANUSCRIPT SIZE	
CONTROL STATIONS							
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY CHB				6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) X		7. PHOTO HYDRO STATIONS X	
8. BENCH MARKS X		9. PLOTTING OF SEXTANT FIXES X		10. PHOTOGRAMMETRIC PLOT REPORT Bridge-W.O.		11. DETAIL POINTS X	
ALONGSHORE AREAS (Nautical Chart Data)							
12. SHORELINE CHB		13. LOW-WATER LINE CHB		14. ROCKS, SHOALS, ETC. CHB		15. BRIDGES X	
16. AIDS TO NAVIGATION X		17. LANDMARKS X		18. OTHER ALONGSHORE PHYSICAL FEATURES CHB		19. OTHER ALONGSHORE CULTURAL FEATURES CHB	
PHYSICAL FEATURES							
20. WATER FEATURES CHB				21. NATURAL GROUND COVER X		22. PLANETABLE CONTOURS X	
23. STEREOSCOPIC INSTRUMENT CONTOURS X		24. CONTOURS IN GENERAL X		25. SPOT ELEVATIONS X		26. OTHER PHYSICAL FEATURES X	
CULTURAL FEATURES							
27. ROADS CHB		28. BUILDINGS CHB		29. RAILROADS X		30. OTHER CULTURAL FEATURES X	
BOUNDARIES							
31. BOUNDARY LINES X				32. PUBLIC LAND LINES X			
MISCELLANEOUS							
33. GEOGRAPHIC NAMES CHB				34. JUNCTIONS CHB		35. LEGIBILITY OF THE MANUSCRIPT CHB	
36. DISCREPANCY OVERLAY X		37. DESCRIPTIVE REPORT CHB		38. FIELD INSPECTION PHOTOGRAPHS X		39. FORMS CHB	
40. REVIEWER C.H. Bishop				SUPERVISOR, REVIEW SECTION OR UNIT A.C. Rauck, Jr.			
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. Parker 12/72 Reviewer: A.L. Shands 12/30/72				SUPERVISOR A.C. Rauck, Jr.			
43. REMARKS Field edit applied by use of field edit ozalid T-12332 also photograph 62W7215. 1973 field edit applied from T-12333 field edit ozalid by F.A. Margiotta 1/8/74.							

Review Report T-12332
Shoreline Survey
May 1976

62. Comparison with Registered Topographic Surveys - None

63. Comparison with Maps of Other Agencies

Refer to Item 46 of the Compilation Report.

64. Comparison with Contemporary Hydrographic Surveys

H-9073 1:20,000 1969

This hydrographic survey was incomplete and unavailable for comparison during review of the photogrammetric map.

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

May 26, 1967

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6301 (Cook Inlet, Alaska)

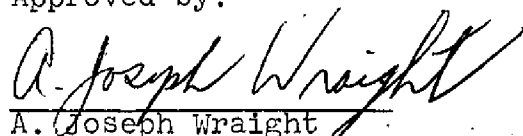
T-12332

Augustine Island

Cook Inlet

Kamishak Bay

Approved by:


A. Joseph Wraight
Chief Geographer

Prepared by:


Frank W. Pickett
Cartographic Technician

