#### NOAA FORM 76-35

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

# **DESCRIPTIVE REPORT**

Type of SurveyShoreline
Job No. PH-6013 Map No. T-12507
Classification No. Final Map Edition No. 1
Daniel III.
<del></del>
LOCALITY
State
Cook Inlet General Locality Kalgin Island to Anchorage
Locality Salamatof
1966 TO 1976
REGISTRY IN ARCHIVES
DATE
<b>,</b> 

☆ U.S. GOVERNMENT PRINTING OFFICE: 1974-762-901

NOAA FORM 76-36A U. S. DEPARTMENT OF COMMERCE (3-72) NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	TYPE OF SURVEY	SURVEY # T-12507
IN 12	M ORIGINAL	MAP EDITION NO. (1)
DESCRIPTIVE DEPORT DATA DESCRIP	RESURVEY	MAP CLASS Final Map
DESCRIPTIVE REPORT - DATA RECORD		*
PHOTOGRAMMETRIC OFFICE	REVISED	јов <b>Рн</b> - <u>6013</u>
Coastal Mapping Division		ING MAP EDITION
Atlantic Marine Center, Norfolk, VA	TYPE OF SURVEY	JOB PH
OFFICER-IN-CHARGE	RESURVEY	SURVEY DATES:
Jeffrey G. Carlen, Cdr.	REVISED	19TO 19
	· · · · · · · · · · · · · · · · · · ·	
I. OFFICE	2.	FIELD
Aerotriangulation 3/26/64 Aerotriangulation 8/13/73	Field   Field	6/6/66 8/8/66
Aerotriangulation 8/13/73 Compilation, Amend. 2 to Supp. 5 1/31/74	Field	3/30/73
Comparation, America & do bupp. ) 1/24./ 14		5,55,,5
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II. DATUMS	OTHER (Specify)	
1. HORIZONTAL: (X) 1927 NORTH AMERICAN		
X MEAN HIGH-WATER	OTHER (Specify)	<u></u>
2. VERTICAL:		
MEAN LOWER LOW-WATER  MEAN SEA LEVEL		
3. MAP PROJECTION	4. (	GRID(S)
	STATE	ZONE
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III. HISTORY OF OFFICE OPERATIONS	·	· · · · · · · · · · · · · · · · · · ·
OPERATIONS	NAME	DATE
1. AEROTRIANGULATION BY	M. McGinley	9/74
METHOD: Analytic Landmarks and aids by	Keating	9/74
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Calcomp CHECKED BY	Keating	9/74
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY	R. R. White	12/74
COMPILATION CHECKED BY	L. O. Neterer	12/74
INSTRUMENT: Wild B-8 CONTOURS BY	NA NA	
scale: 1:20,000 CHECKED BY  4. MANUSCRIPT DELINEATION PLANIMETRY BY	J. R. Minton	1/08/75
CHECKED BY	F. Margiotta	1/75
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scale: 1:10,000 HYDRO SUPPORT DATA BY	J. R. Minton	1/75
CHECKED BY  5. OFFICE INSPECTION PRIOR TO FIELD EDIT  BY	F. Margiotta F. Margiotta	1/75 1/75
ВУ	D. P. Butler	1/77
6. APPLICATION OF FIELD EDIT DATA  CHECKED BY	J. L. Byrd	2/77
7. COMPILATION SECTION REVIEW BY	J. L. Byrd	2/77
8. FINAL REVIEW BY  9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY	J. L. Byrd/C. E J. L. Byrd	E. Blood 2/86 9/86
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY	P. Dempsey	Q+ 19FC
11. MAP REGISTERED - COASTAL SURVEY SECTION BY	E. L. DAUGHERT	
NOAA FORM 76-36A SUPERSEDES FORM C& G\$ 181 SERIES		1072-769382/582 REG #6

U.S. G.P.O. 1972-769382/582 REG.#6

	NOAA FORM 76-368 (3-72)	CO	T-12	507			ATMOSPH	HERIC AL	OF COMMERCI DMINISTRATION DCEAN SURVE
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	4. CONTEMPORARY HYDROGRAPH	IIC SURVEYS (List	only those s	surveys thi	nt are sources t	or photogra	mmetric s	urvey info	ormation.)
	SURVEY NUMBER DATE(S)	SURVEY CO	PY USED	SURVE	Y NUMBER	DATE(S)		SURVEY	COPY USED
ľ	5. FINAL JUNCTIONS								
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	REMARKS			<u> </u>			<u></u>		

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3. PHOTO NUMBERS (Clarification of	details)	i	<u></u>	·
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4. LANDMARKS AND AIDS TO NAVIG	ATION IDENTIFIED			
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PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT	NAME
5. GEOGRAPHIC NAMES: F	REPORT X NONE	6. BOUNDARY AND LI	IMITS: REPO	RT A NONE
7. SUPPLEMENTAL MAPS AND PLAN				
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8. OTHER FIELD RECORDS (Sketch &				
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NUAA FORM 76-36C (3-72)	•	T-12507 History of Field		NIC AND ATMOSPH	TMENT OF COMMERCI ERIC ADMINISTRATIO IONAL OCEAN SURVE
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1. CHIEF OF FIEL	D PARTY		R. B.	Ma 7 han	6/73
		RECOVERED BY	R. B.		6/73
2. HORIZONTAL C	ONTROL	ESTABLISHED BY	None		
		PRE-MARKED OR IDENTIFIED BY		Riggers	6/73
		RECOVERED BY	NA NA		
3. VERTICAL CON	TROL	ESTABLISHED BY	NA NA		
		PRE-MARKED OR IDENTIFIED BY	NA Na		
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<ol> <li>LANDMARKS AN AIDS TO NAVIG</li> </ol>		LOCATED (Field Methods) BY	None		
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6. PHOTO INSPECT	TION	CLARIFICATION OF DETAILS BY	None		
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PHOTO NUMBER		STATION NAME	PHOTO NUMBER	STATION	DESIGNATION
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8. OTHER FIELD F  1 Form 15  1 Form 26	52	ich books, etc. DO NOT list dete submit	ted to the Geodesy D	division)	

NOAA FORM 76-36( (3-72)		T-1250 HISTORY OF FIELD	7			MOSPHERIC	NT OF COMMERC ADMINISTRATION LOCEAN SURVE
I. TIFIELD INSP	ECTION OPE	RATION X FIEL	D EDIT (	PERATIO	ON .		1
	ОР	ERATION			NAME		DATE
1. CHIEF OF FIEL	D PARTY		CAPT	R. E.	Alderman,	NOAA	8/76
2. HORIZONTAL C	CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	LTJG	G. P.	Kosinski,	NOAA	8/76
3. VERTICAL CON	NTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY		NA			
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PHOTO NUMBER		STATION NAME	РНОТО	NUMBE	R STA	TION DES	GNA TION
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None							
PHOTO NUMBER		OBJECT NAME	РНОТО	NUMBE	R	OBJECT	IAME
5. GEOGRAPHIC		REPORT NONE	6. BOI	JNDARY /	AND LIMITS:	REPOR	T NONE
7. SUPPLEMENTA	L MAPS AND	PLANS .					<del></del>
8. OTHER FIELD Raw Field OPR-469-F	Edit Dat A-76; Ficons, Map	etch books, etc. DO NOT list data submita (sketchbook), OPR-469- eld Edit Ozalid, Map T-12 T-12507; Field Edit Repo	-FA-76 2507, 1	, Vol. master	l; <u>Field</u> copy; Fie	ld Edit	Fix

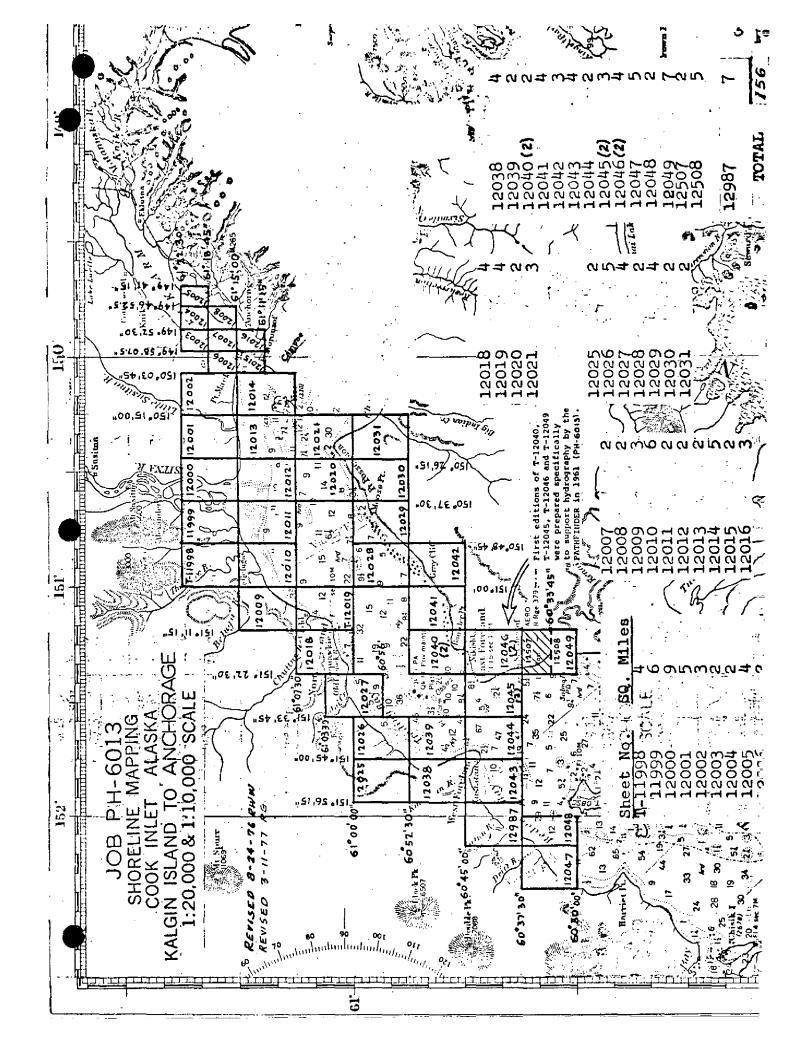
NOAA FORM 76-36D (3-72)

T-12507

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

#### RECORD OF SURVEY USE

			RD OT SORTE			
I. MANUSC	RIPT COPIES					
	CON	MPILATION STAGE	S		DATE MANUSC	RIPT FORWARDED
	DATA COMPILED	DATE	ŔE	MARKS	MARINE CHART	S HYDRO SUPPORT
	et data transfer- manuscript.	10/64	Advance l Supersede	Manuscript ed		
	d from 1962 photo- and furnished ro.	5/64	Class III Supersede			
Recompi using n 1972 ph	led on new base ew bridge and otography.	1/75	Class II Supersede	I Manuscri ed	pt 3/25/75	3/24/75
Compila	dit applied. tion complete.	1/77	Class I N	Manuscript —	2/11/77	2/11/77
Final R	eview	2/86	Final Mar	<u> </u>		
	ARKS AND AIDS TO NAVIGAT					
1. REP	ORTS TO MARINE CHART DIV	VISION, NAUTICAL	DATA BRANCH	<del></del>		
NUMBÉR	CHART LETTER Number Assigned	DATE FORWARDED			REMARKS	
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	REPORT TO MARINE CHART REPORT TO AERONAUTICAL					y 6, 1978 D:
III. FEDER	RAL RECORDS CENTER DAT	A				
2. 🔀	BRIDGING PHOTOGRAPHS; CONTROL STATION IDENTIF SOURCE DATA (except for Go ACCOUNT FOR EXCEPTION:	FICATION CARDS; sographic Names Re	XX FORM NO	S 567 SUBMITTE	ED BY FIELD PARTIE	s.
4. 🗆	DATA TO FEDERAL RECOR	DS CENTER. DAT	E FORWARDED:			<u> </u>
IV. SURVE	Y EDITIONS (This section sh	nall be completed ea	ich time a new mai	o edition is reals	tered)	
SECOND	SURVEY NUMBER	JOB NUMBE (2) PH -	R		TYPE OF SURVE	Y ESURVEY
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<del></del>	SURVEY NUMBER	JOB NUMBE	R	<del> </del>	TYPE OF SURVE	
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EDITION	DATE OF PHOTOGRAPH			   □u. c	MAP CLASS	Перма



# SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT

#### T-12507

This 1:10,000 scale Final shoreline map is one of 44 maps designated as project PH-6013 Cook Inlet, Kalgin Island to Anchorage, Alaska. T-12507 and T-12508 at 1:10,000 replaced and superseded the "cancelled" T-12049 (2) a 1:20,000 second edition after earthquake sheet.

The purpose of this map was to provide contemporary shoreline in support of hydrographic operations and to aid in chart revision.

Field work prior to compilation in the 1961 field season consisted of recovery of horizontal control and limited field inspection. Field work in 1966 consisted of premarking of horizontal control for aerotriangulation.

This area was flown in June 1967 with the RC-8 "L" camera in black-and-white at 1:40,000 scale and also in June 1967 in infared at 1:20,000 scale. The area was reflown in July 1972 with the RC-8 "E" camera in color at 1:20,000 scale.

Bridging was performed in the Washington office in September 1974.

T-12507 was compiled at the Norfolk office in January 1975.

Field edit was performed for T-12507 during 1976 field season. Field edit data was applied at AMC in February 1977.

Final Review was performed at AMC in February 1986. T-12507 was forwarded to the Washington Science Center for final registration.

#### FIELD INSPECTION REPORT

#### COOK INLET, ALASKA

#### PROJECT SP-1-61 1961

USC&GS Ship PATHFINDER

Arthur L. Wardwell, CAPT., Comdg.

#### MANUSCRIPTS:-

12049, 12046, 12045, 12040, 12031, 12032, 12026, 12027, 12028, 12020, 12021, 12022, 12017, 12015, 12016, 12014, 12013, 12008, 12007, 12006, 12003, 12004, 12005, 12002, 12001, 12000, 12012, 11999, 12011, 11998, 12010, 12009, 12019, 12018, 12023, 12025, 12024, 12029, 12030, 12035, 12034, 12033, 12037, 12036

#### AERIAL FIELD INSPECTION: -

Areas inspected were as follows: Manuscripts No. 12049, 12046, 12045, 12040, Kenai to Boulder Point, all shoreline and alongshore features.

Balance of above listed manuscripts were used only for horizontal control identification.

The area is primarily moderately timbered with spruce, fir, alder and bear claw above the mean high water line. Shoreline varies from fine black silt at the mouth of the Kenai River mouth to large fragmented boulders at Boulder Point. Most of the beachline is sand and shingle interspersed with boulders of varying sizes. Numerous underground springs and some small creeks discharge small quantities of silt and water and are subject to constant change.

The area was inspected by cruising alongshore by launch and by walking the beach and bluff line. Foul areas now indicated on Chart No. 8553 are adequate. Two primary foul areas were noted as follows:

Kenai River Mouth

East Foreland to Moose Point

Quality of photographs was excellent. Areas of shadow were limited to the shoreline east of East Foreland and upper Knik Arm. No attempt was made to sketch in the mean high water line. Enough open areas in shadowed areas are available to adequately delineate mean high water line.

#### HORIZONTAL CONTROL:-

Four additional second-order triangulation stations were established between Kenai and East Foreland to supplement existing control in the area of hydrography. They were identified as follows:

AUDRY 1961 Manuscript No. 12049 Photo No. 1397
LOUISE 1961 " " 12049 " " 1402
BOO 1961 " " 12045 " " 1420
HELEN 1961 Traverse from East Foreland Light 1960.

Additional horizontal control recovery was made in upper Cook
Inlet in accordance with project instructions. All stations were
searched for and approximately 75 percent were recovered. Most of the
stations not recovered are considered lost. It is recommended that the
next vessel assigned to this project be given a Tellurometer. Simple
traverse between recovered triangulation stations would adequately control
presently un-controlled flight lines.

In many cases the listed triangulation station was not recovered and a U.S. Engineers' triangulation station was used as a substitute. It appears that the U.S. Engineers could not recover listed C&GS control and substituted their own stations.

Great assistance was rendered by the 5040 Air Transport Squadron at Elmendorf AFB in furnishing heliocopter service. Three days of flying enabled personnel to cover shoreline control stations over the greater part of upper Cook Inlet.

If additional control is required in the vicinity of Elmendorf AFB, use can be made of triangulation now being observed by a C&GS geodetic party. Triangulation station DORF 1961 (in the vicinity of LOOP 2) is to be set in the roof of a building on the base. By use of the description written by the observing party, an accurate office identification can be made.

Triangulation not plotted on the Photo Index was identified where it was on photographs. This control was established by G.W.M. in 1959 and H.G.C. in 1960.

#### VERTICAL CONTROL:-

None recovered or established.

#### CONTOURS AND DRAINAGE:-

No contouring was attempted.

Primary drainage features are the Kenai, Matanuska, Little Susitna, Susitna, Beluga, Kustitan, and Drift Rivers. Tidal sweep keeps some of the rivers from building up deltaic features. An extremely flat foreshore on the Matanuska, Little Susitna, Susitna and Beluga rivers give rise to wide deltas that change seasonally. Many small streams discharge around Cook Inlet but have no apparent seasonal change.

#### WOODLAND COVER:-

The major portion of the area is wooded and interspersed with muskeg and open grassy areas. These are easily identifiable on the photographs. In areas of increasing cultural activity, the woodland cover is being removed. No attempt was made to indicate these areas.

#### SHORELINE AND ALONGSHORE FEATURES:-

The mean high water line is adequately delineated on manuscripts 12049, 12046, 12045, 12040. In the area of photo hydro signals IVY and EGG, east of East Foreland, the mean high water line is as follows:

IVY 30 meters inside MHW EGG on piles at MHW

Most of the shoreline signals are located at MHW along the beach. Many of the fishing huts set on piles at the base of the bluff were used as signals.

No attempt was made to delineate the low water line. Hydrography in the area should be satisfactory.

The foreshore area is primarily sand, small stones and boulders. The normal gradiation from stones at MHW to sand at MLW exists in all areas, except south of the Kenai River. In this area a heavy layer of silt is found in the tide zone.

#### OFFSHORE FEATURES:-

All offshore features are located by the hydrographer.

#### LANDMARKS AND AIDS:-

There are two fixed aids to navigation within the limits of the hydrographic project:

EAST FORELAND LIGHT

KENAI RIVER ENTRANCE RANGE

Both are located on Chart No. 8553.

One floating aid is also located on Chart No. 8553. Another can buoy is maintained by the oil company and is located just north of the pier.

One landmark for charts is recommended in the Descriptive Report for SP-1-61. This landmark is identified as follows:

KENAI TANK 1959, located by G.W.M. and identified on Photo No. 60/1400.

## BOUNDARIES, MONUMENTS AND LINES:-

None shown.

#### OTHER CONTROL:-

Photo hydro signals were located in accordance with standard instructions. Signal IVY was found in error and relocated photogrammentrically, then verified by hydrographic cuts. Final location is shown on manuscript 12045.

Final location of photo hydro signals will remain in their relative position with the shoreline. Final compilation will cause a datum shift which will move both hydrography and signals the same relative amount.

#### DATUM DIFFERENCES:-

Radial plotting of photo identified control stations was made in the field. The following discrepancies were noted between plot positions and geographic positions.

EAST FORELAND LIGHT 1960	Lat.	-13.8 meters
	Long.	-75.4 meters
BOULDER (USE)		-37.0 meters
•		-45.2 meters
KENAI CHURCH STEEPLE 1909	Lat.	-15.3 meters
•	Iong.	-23.6 meters

#### CULTURAL FEATURES:-

Numerous fishing shacks are located along high water line in the area of hydrography. These huts are subject to damage by winter storms and are in a constant state of transition. No attempt was made to locate current huts.

The Nikiski Oil Pier was under construction at the time of photography. The completed dimensions are available from a blueprint of the structure submitted with descriptive report for Project SP-1-61.

· Respectfully submitted,

Robert E. Williams, Lieut. Comdr., C&GS

Devald C. Saladin

LTJG, C&GS

Arthu J. Wardwell

Arthur L. Wardwell,

Captain, C&GS

Comdg., Ship PATHFINDER

#### FIELD INSPECTION

#### T-12507

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.

Submitted by: The Circle Michael L. McCinley

# Job PH-6013 Cook Inlet East Foreland Area Alaska

#### 21. Area Covered

This project covers the eastern shoreline of Cook Inlet from Kenai to just north of Number Three Bay. Included are seven T-sheets: T-12040(2), T-12041, T-12042, T-12045(2), T-12046(2), and T-12049(2) at 1:20,000 scale, and T-12507, T-12508, at 1:10,000 scale.

#### 22. Method

Three strips of 1:40,000 scale panchromatic photography (strips 18, 19, and 20) were bridged on the Wild STK-1 in order to obtain pass point positions and exact scale ratios to be used during compilation.

Strip 20 was adjusted on four field identified triangulation stations with checks obtained from two additional triangulation stations and two tie points. Strip 18 was adjusted on four field identified triangulation stations with two tie points as checks. Strip 18 was adjusted on six tie points. All adjustments were performed on the IBM 6600. All sheets were ruled and plotted on the Calcomp.

Ratios at 1:20,000 scale were ordered for the entire project with additional 1:10,000 scale ratios for the area covering sheets T-12507 and T-12508. Ratios at 1:20,000 scale of the bridging photography were also ordered for the portion of the project not covered by the offshore photography.

The horizontal control utilized in the adjustments held within National Map Accuracy.

### 24. Supplemental Data

Vertical control for bridging only was obtained from local USGS quads.

## 25. Photography

Photography was adequate as to overlap, definition, and coverage.

Approved by:

Non O. Norman

John D. Perrow, Jr. Chief, Aerotriangulation Section

●1:20000 Scale INFRAPED 67-L-3482E thru 3492R 67-L-3505R thru 3520R

JOB PH-6013 COOK INLET EAST FORELAND AREA ALASKA

T-12507

72-E(G)-

67-L-3520R1

60.30.00"

-/2508

60° 33' 45"

	VI 802	DESCRIPTIV	DESCRIPTIVE REPORT CONTROL RECORD		- (
MAP NO.	JOB NO.		GEODETIC DATUM	ORIGINATING ACTIVITY AMC,	Coastal
T-12507	PH-6013	3	N.A. 1927	n.	Division, Norfolk, VA
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COMPUTED BY A. C. Rauck, Jr.		PA0703/74	COMPUTATION CHECKED BY. M.	Margiotta J. Desch	DATE 10/04/74
LISTED BY		DATE	LISTING CHECKED BY		DATE
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY		DATE

#### COMPILATION REPORT

#### T-12507

#### 31. DELINEATION

Delineation was accomplished using the Wild B-8 stereoplotter. Photography was adequate, except as noted in Item 35.

The original 1:20,000 scale compilation of this map was accomplished in May 1964 from 1962 photographs. It is superseded by this 1:10,000 survey on a new base, using the 1967 bridge/compilation photographs and 1972 ratio photographs.

#### CONTROL

See the attached Photogrammetric Plot Report dated September 1974.

#### 33. SUPPLEMENTAL DATA

None.

#### 34. CONTOURS AND DRAINAGE

Contours are not applicable to the project. Drainage was delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

#### 35. SHORELINE AND ALONGSHORE DETAILS

The 72E(C) photography was not used for mean high water line compilation because shoreline pass points common to both 1967 and 1972 photos were not identifiable during instrument compilation. These photos were processed for hydro-support and their centers were shown on the manuscript.

#### 36. OFFSHORE DETAILS

None, except rocks offshore.

#### 37. LANDMARKS AND AIDS

One charted aid noted during compilation.

#### 38. CONTROL FOR FUTURE SURVEYS:

None.

#### 39. JUNCTIONS:

See the attached Form 76-36B, Item 5 of the Descriptive Report, concerning junctions.

#### 40. HORIZONTAL AND VERTICAL CONTROL:

No statement.

#### 46. COMPARISON WITH EXISTING MAPS:

A comparison has been made with the following USGS Quadrangle: KENAI (C-4), ALASKA, 1951, 1964 Revision, 1:63,360 scale.

#### 47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with the following National Ocean Survey Chart: No. 16660 (C&GS No. 8553), Cook Inlet, Northern Part, 1:194,154 scale, 13th Edition, February 1972.

#### ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

#### ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

J. R. Minton

Cartographic Technician

James R. Minton

January 8, 1975

Approved:

Albert C. Rauch Jr.

Chief, Coastal Mapping Section



MAP T-12597

SALAMATOF

AUGUST 1976

Field work on map T-12507 was accomplished by LTJG G.P. Kosinski and ENS N.G. Millett during August, 1976. The foreshore consists of sand, gravel, mud, and isolated rocks; it is relatively unfouled. Bluffs of charting value extend along the entire coastline as indicated by the compiler on the ozalid. Inspections of the shoreline were made at various stages of the tide by skiff and on foot. Field work on this map is complete except for one item, noted below.

#### METHOD

Photographs and a copy of the field edit ozalid were examined in the field. Again, the photographs were entirely useless in identifying offshore features, as they were all taken at high stages of the tide. Areas of the foreshore that are characterized by rocks on the sand/mud flats are indicated on the ozalid without fixes. Several groups of short, cut-off pilings are also found in the area. Considering the depth of the nearby water, the height of the rocks and pilings above the mud (0-3 ft), and their proximity to the MLLWL, they were not considered hazardous.

Significant features not visible of the photographs (fixes 258-058 through 238-078) were located by visual three-point sextant fixes utilizing signals located by the NOAA Ship RAINLER in 1975 (offshore oil platforms), signals scaled from this ozalid or the adjoining manuscript, T-12508, or signals that are existing triangulation stations. A complete list of signals is appended. Refer to the field edit fix computations, the observed angles found in the sketch books, the master field edit ozalid, and the following Table of Field Edit Fixes.

See survey records H-9619 for the hydrographic determination of the MLLWL; no changes were perceptible to the field editor and none are indicated on the obtaild.

Time and project limitations precluded the achnowledgement or disproval of the charted aero beacon located at 60°36.1"N,151°12.6"W. This is the only item remaining to be investigated in the field. It is presumed that it can quite easily be picked up when the adjoining map T-12508 (KENAI RIVER) is field inspected in the future.

#### ADEQUACY OF COMPILATION

Compilation of this map is good. See comments under this section in the Field Edit Report for map T-12046.



#### RECOMMENDATIONS

It is recommended that this map be revised in accordance with the notes on this ozalid and, consistent with the above notes, be accepted as an advanced manuscript.

Respectfully submitted:

Gregory P. Rosinski, LTJG, NOAA

# MAP T-12507 TABLE OF FIELD EDIT FIXES

Fix Number	<u>Object</u>	Position
238-05B	Rock bares 2 ft at 2005Z day 238	60°33'57.278"N 151°18'53.695"W
238~06B	Rock bares 2 ft at 2012Z day 238	60°33'55.741"N 151°19'06.350"W
238-07B	Rock awash at 2019Z day 238	60°33'56.6306"N 151°19'04.9319"W

/ MM

#### REVIEW REPORT T-12507

#### SHORELINE

#### 61 - GENERAL STATEMENT

See Summary included with this Descriptive Report.

#### 62 - COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Not applicable.

#### 63 - COMPARISON WITH MAPS OF OTHER AGENCIES

Not applicable.

#### 64 - COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEY

A comparison was made with verified copy of H-9619 (1976) and H-8789 (1964). There were no major conflicts.

#### 65 - COMPARISON WITH NAUTICAL CHART

A comparison was made with Chart 16660 scale 1:194,154 22nd edition May 8/82 and Chart 16662 inset scale 1:50,000 1st ed. April 9/83. There were no major conflicts.

#### 66 - ADEQUACY OF RESULTS AND FUTURE SURVEYS

This map complies with the Project Instructions, and meets the requirements for National Standards of Map Accuracy.

Submitted by

Final Reviewer

Approved for forwarding

Billy H. Barnes

Chief, Photogrammetric Section, AMC

Approved

Chief, Photogrammetric Production Sec.

Chief, Photogrammetry Branch

FORM C&GS-8352 (3-25-63)

#### NAUTICAL CHART DIVISION

#### **RECORD OF APPLICATION TO CHARTS**

FILE WITH DESCRIPTIVE REPORT	OF SURVEY NO.	
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#### INSTRUCTIONS

- A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

  1. Letter all information.

- 2. In "Remarks" column cross out words that do not apply.
  3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

CHART	DATE	CARTOGRAPHER	REMARKS
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
		<u> </u>	Full Part Before After Verification Review Inspection Signed Via
	4		Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
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