

T-12348

T-12348

NOAA FORM 76-35 (6-80)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. T-12348	Edition No. 1
Job No. PH-6301 Part 2	
Map Classification FINAL MAP	
Type of Survey SHORELINE	
LOCALITY	
State ALASKA	
General Locality COOK INLET SOUTHERN PART	
Locality LIGHT POINT	
19 66 TO 19 74	
REGISTERED IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
<b>DESCRIPTIVE REPORT - DATA RECORD</b>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, Norfolk, VA		SURVEY TP. <u>12348</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final Map</u> JOB <u>PH- 6301 Part 2</u>	
OFFICER-IN-CHARGE Jeffrey G. Carlen		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB <u>PH- _____</u> MAP CLASS <u>_____</u> SURVEY DATES: 19 <u>   </u> TO 19 <u>   </u>	
<b>I. INSTRUCTIONS DATED</b>			
1. OFFICE		2. FIELD	
Aerotriangulation Compilation		August 20, 1973 Dec 10, 1973	
<b>II. DATUMS</b>			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify)	
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION Transverse Mercator		4. GRID(S) STATE <u>Alaska</u> ZONE <u>5</u> STATE <u>      </u> ZONE <u>      </u>	
5. SCALE 1:20,000		STATE <u>      </u> ZONE <u>      </u>	
<b>III. HISTORY OF OFFICE OPERATIONS</b>			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: Analytic		R. Kelly	Aug 1973
2. CONTROL AND BRIDGE POINTS METHOD: Coradomot		Allen	Aug 1973
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:20,000		L. O. Neterer, Jr. R. White N.A. N.A.	Feb 10, 1974 " " "
4. MANUSCRIPT DELINEATION METHOD: 1:20,000 SCALE:		L. O. Neterer, Jr. G. Vanderhaven N.A. N.A. L. O. Neterer, Jr. G. Vanderhaven	April 1974 April 1974 " " April 1974 April 1974
5. OFFICE INSPECTION PRIOR TO FIELD EDIT		G. Vanderhaven	April 1974
6. APPLICATION OF FIELD EDIT DATA		D. Butler	July 1975
7. COMPILATION SECTION REVIEW		F. Margiotta	July 1975
8. FINAL REVIEW		C. Blood/J. Byrd	Oct 1986
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH		J. Byrd	Jan 1987
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH		P. Dempsey	Feb. 1987
11. MAP REGISTERED - COASTAL SURVEY SECTION		E. L. DAUGHERTY	APR '87

NOAA FORM 76-36B  
(3-72)

T-12348

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

## COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8"E" FL=152.71mm Wild RC-8"L" FL=152.21mm		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				Alaska	
				MERIDIAN	
				150th	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
*67L(C) 3605/07/09/11/13	June 23, 1967	10:09	1:40,000	2.3 ft below MLWW	
**70E(C) 7468 thru 7475	July 26, 1970	11:38	1:20,000	7.8 ft above MLLW	
**70E(C) 7506 and 7507	July 26, 1970	12:13	1:20,000	7.3 ft above MLLW	

## REMARKS

\* Bridge and compilation photographs \*\* Hydro-support photographs

## 2. SOURCE OF MEAN HIGH-WATER LINE:

\* The Mean High Water Line was compiled from the above listed compilation photographs.

## 3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

None compiled.

## 4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

## 5. FINAL JUNCTIONS

NORTH T-12344	EAST No survey	SOUTH No survey	WEST T-12347
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## REMARKS

NOAA FORM 76-36C  
(3-72)

T-12348

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

## HISTORY OF FIELD OPERATIONS

1. ☒ FIELD INSPECTION OPERATION Premarking ☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	N. Taylor	June 1967
2. HORIZONTAL CONTROL	RECOVERED BY Newell	"
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY Newell	"
3. VERTICAL CONTROL	RECOVERED BY N.A.	--
	ESTABLISHED BY N.A.	--
	PRE-MARKED OR IDENTIFIED BY N.A.	--
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY None	
	LOCATED (Field Methods) BY None	
	IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY BY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N.A.	

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
Premarked		N.A.	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
67L(C)3605	EAST KALGIN 2, 1953		

## 3. PHOTO NUMBERS (Clarification of details)

None

## 4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

## 7. SUPPLEMENTAL MAPS AND PLANS

None

## 8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

1 form 152

NOAA FORM 76-36C  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEYT-12348  
HISTORY OF FIELD OPERATIONSI. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	CDR C. A. Burroughs	Aug 1974
2. HORIZONTAL CONTROL N.A. RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY		
3. VERTICAL CONTROL N.A. RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY		
4. LANDMARKS AND AIDS TO NAVIGATION N.A. RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY		
5. GEOGRAPHIC NAMES INVESTIGATION TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION		
6. PHOTO INSPECTION CLARIFICATION OF DETAILS BY	L.TIG P. Chelgren	Aug 1974
7. BOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED BY	N.A.	

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED N.A.		2. VERTICAL CONTROL IDENTIFIED	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
3. PHOTO NUMBERS (Clarification of details) 70E(C) 7470 thru 7475, 7506, 7507.			
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED N.A.			
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
5. GEOGRAPHIC NAMES: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE		6. BOUNDARY AND LIMITS: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE	
7. SUPPLEMENTAL MAPS AND PLANS None			
8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Map T-12348 (Field Edit Copy); and the Field Edit Report, OPR-469-FA-74, Map T-12348.			

I. MANUSCRIPT COPIES				
COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit	April 1974	Class III manuscript	Apr 26, 74	Apr 26, 74
Field edit applied compilation complete	July 1975	Class I	Feb 7, 79	Feb 7, 79
Final Review	Oct 1986	Final Map	2-11-87	

II. LANDMARKS AND AIDS TO NAVIGATION			
1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH			
NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		Jul 16, 1975	New position for aid to navigation.

2. ☒ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: July 16, 1975  
 3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

III. FEDERAL RECORDS CENTER DATA	
1. <input checked="" type="checkbox"/> BRIDGING PHOTOGRAPHS; <input checked="" type="checkbox"/> DUPLICATE BRIDGING REPORT; <input checked="" type="checkbox"/> COMPUTER READOUTS. 2. <input checked="" type="checkbox"/> CONTROL STATION IDENTIFICATION CARDS; <input type="checkbox"/> FORM NOS <sup>76-40</sup> <del>54</del> SUBMITTED BY FIELD PARTIES. 3. <input checked="" type="checkbox"/> SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS: _____  4. <input type="checkbox"/> DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____	

IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)			
SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY  MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY  MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY  MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	

# PROJECT PH-6301 (PART-2) SHORELINE MAPPING

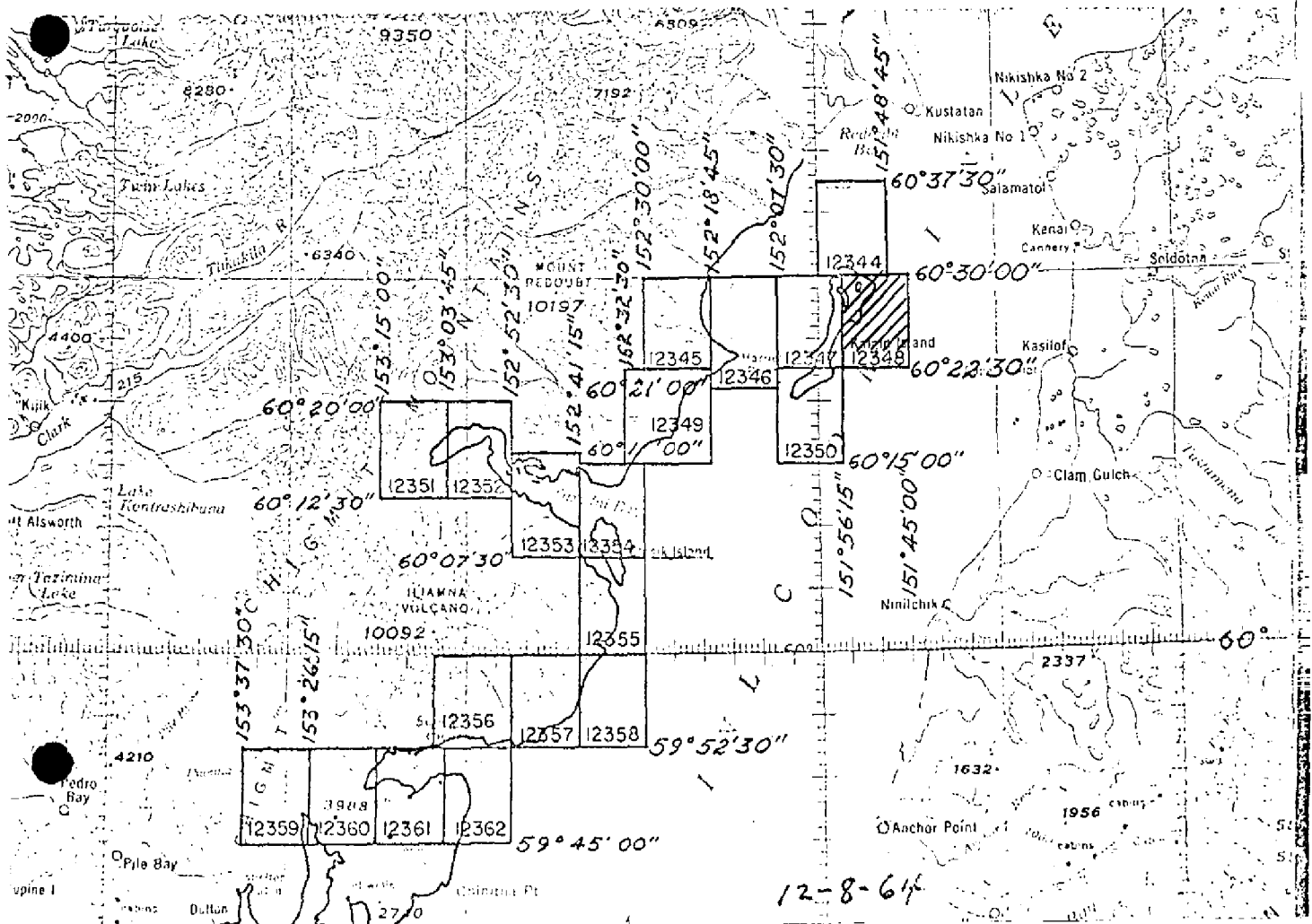
Scale 1:20000  
ALASKA

## COOK INLET

OFFICIAL MILEAGE FOR COST ACCOUNTS

Sheet No.	Area Sq. Mile	Lin. Mile Shoreline	Sheet No.	Area Sq. Mile	Lin. Mile Shoreline
T-12344	2	4	T-12354	11	22
T-12345	3	6	T-12355	8	16
T-12346	3	6	T-12356	3	6
T-12347	8	16	T-12357	7	14
T-12348	4	8	T-12358	2	4
T-12349	5	10	T-12359	3	6
T-12350	4	9	T-12360	4	7
T-12351	4	9	T-12361	10	19
T-12352	10	21	T-12362	4	8
T-12353	11	22			

Totals - Area 106 sq. mile; Shoreline 213 sq. mile



6

SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT

T-12348

This 1:20,000 scale Final Class III shoreline map is one of nineteen 1:20,000 scale maps designated as project PH-6301 Part II, Southern Part, Cook Inlet, Alaska.

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 during the 1967 field season consisted of recovery and premarking of horizontal control for aerotriangulation.

This map area was photographed in June 1967 with the RC-8 "L" camera at 1:40,000 scale using color film. The map area was also photographed in July 1970 with the RC-8 "E" camera at 1:20,000 scale using color film.

Aerotriangulation was completed at the Washington office in August 1973.

This map was compiled at the Norfolk office in April 1974.

Field edit was acquired for T-12348 during the 1974 field season. Field edit was applied at AMC in July 1975.

Final review was accomplished at the Atlantic Marine Center in October 1986. A Chart Maintenance Print was prepared and forwarded to the Marine Charts Branch.

This Descriptive Report contains all pertinent information used to compile this Final map. The original base manuscript and all related data were forwarded to the Washington Science Center for final registration.



## FIELD INSPECTION

T-12348

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

Photogrammetric Plot Report  
Cook Inlet, Alaska  
PH-6301  
August 1973

21. Area Covered

The area covered by this report is the western shoreline along Cook Inlet from Redoubt Bay to Tuxedui Bay, also included was Kalgin Island. T-sheets 12344 thru 12350 cover the area.

22. Method

Three strips of photography were bridged by analytic aerotriangulation methods. Strip #1, covering Kalgin Island, was 1:40,000 color, Strips #2 & #3 covering the western shore of Cook Inlet was 1:60,000 black and white panchromatic.

Common points were located on the bridging photography and the 1:20,000 color photography being used for ratio purposes. Tie points were used between strips #2 & 3 to provide adequate junction of photography. T-sheet manuscripts were plotted on the Coradomat.

23. Adequacy of Control

Control was adequate and checked within map accuracy standards.

24. Supplemental Data

USGS Quadrangles were used to provide vertical control for the adjustment.


25. Photography

The coverage overlap, and quality of the photography was adequate.

Submitted by,

  
Robert B. Kelly

Approved by,

  
John D. Perrow, Jr.  
Chief, Aerotriangulation Section



COMPILATION REPORT

T-12348

31 - DELINEATION

Delineation was accomplished by using the Wild B-8 stereoplotter with 1:40,000 scale color photography. The photography was adequate.

32 - CONTROL

See the attached Photogrammetric Plot Report, dated August 1973.

33 - SUPPLEMENTAL DATA

None

34 - CONTOURS AND DRAINAGE

Contours are not applicable to the project. Drainage was delineated by using the Wild B-8 stereoplotter from compiler's stereoscopic interpretation of the photographs.

35 - SHORELINE AND ALONGSHORE DETAILS

Alongshore details were delineated using the Wild B-8 stereoplotter from compiler's stereoscopic interpretation of the photographs.

The mean high water line was delineated from the photographs.

36 - OFFSHORE DETAILS

Offshore details were compiled from compiler's stereoscopic interpretation of the photographs.

37 - LANDMARKS AND AIDS

One charted light was noted during compilation. No landmarks are charted and none were noted during compilation.

38 - CONTROL FOR FUTURE SURVEYS

None

T-12348

39 - JUNCTIONS

See the attached Form 76-36B, item #5 of the Descriptive Report concerning junctions. Junctions are in agreement.

40 - HORIZONTAL AND VERTICAL ACCURACY

No statement.

46 - COMPARISON WITH EXISTING MAPS

A comparison was made with the U. S. Geological Survey Quadrangle: Kenai (B-6), ALASKA, scale 1:63,360, dated 1958.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the National Ocean Survey chart: No. 8553, scale 1:194,154 dated Dec 29, 1973, 15th ed.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by:

*J. Byrd for*  
Lowell O. Neterer, Jr.  
Cartographic Technician  
Date: April 17, 1974

Approved:

*J. Byrd for*  
Albert C. Rauck, Jr.  
Chief, Coastal Mapping Section

Feb. 6, 1987

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6301 (Cook Inlet, Alaska-Part 2)

T-12348

Cook Inlet  
Kalgin Island  
Light Point  
Packers Creek

Prepared by:

Charles E. Harrington  
Charles E. Harrington  
Staff Geographer

## FIELD EDIT REPORT

MAP T-12348

LIGHT POINT, ALASKA

AUGUST 1974

Field edit of map T-12348 was done by Lt.(jg) Pamela R. Chelgren, Ens. Joanne Gulley, and Lt.(jg) John A. Murphy. Inspection was made from small boats and on foot when fixes on land were required.

METHOD

Photographs and one copy of the field edit ozalid were examined in the field. Isolated rocks, foul areas, and shoreline were located by sextant fixes and transferred to boatsheet FA-20-3B-74 (H-9437B). Height data is referenced by fix number to the attached data sheets. Photographs are referenced for map T-12348. All times are based on the 135° meridian.

ADEQUACY OF COMPILATION

Compilation of this map is apparently good. However, the low water photographs used in the compilation were not furnished. Note is made of the following additions (all rocks):

<u>Fix #</u>	<u>Latitude</u>	<u>Longitude</u>
311	60°25'19"N	151°54'14"W
321	60°28'01"N	151°51'50"W
322	60°28'01"N	151°51'48"W
327	60°29'18"N	151°48'13"W

Comparison of hydrographic MLLW to photogrammetric MLLW will have to wait until the final smooth tides. Field inspection of this map is complete.

RECOMMENDATIONS

It is recommended that low water photographs used in the compilation of the manuscripts be furnished to the ships in the field as per the Introduction, paragraph 3. It is recommended that this map be revised in accordance with the notes on the ozalid and the fix information, and then accepted as an advanced manuscript.

Respectfully submitted,



Lt.(jg) Pamela R. Chelgren, NOAA

FIELD EDIT REPORT  
UPPER COOK INLET, ALASKA  
OPR 469  
SUMMER 1974

INTRODUCTION

Field edit reports are attached for the following maps:

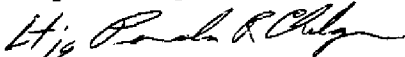
T-12047	T-12345	T-12347	T-12350
T-12344	T-12346	T-12348	

Copies of the field edit ozalids were taken to the field. Only one copy of each photograph was furnished to the ship, so the processed cronapaque photographs had to be used in the field. It is recommended that two copies, one processed and one unprocessed, of cronapaque photographs be furnished to the ships for future projects. Sextant fixes were plotted on the film ozalids and transferred to the field edit ozalids. Height data for all rocks and shoreline is either written directly on the field edit ozalids, or referenced by fix number to the attached data sheets. Sextant fixes were transferred to boatsheets SU-20-1-67, SU-20-2-67, FA-20-1-74, and FA-20-3-74.

Notes have been made in violet on the ozalids, with deletions in green and signal information in orange. All times are based on the 135°W meridian.

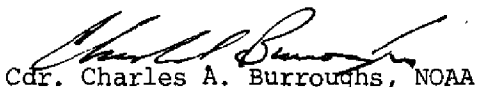
Compilation of the maps is apparently good. There were no low water photographs furnished for Kalgin Island (T-12344, T-12347, T-12348, and T-12350). It is virtually impossible to verify photo identified rocks without the low water photographs used to compile the manuscripts. Objects not found in the field on a minus tide and not seen on the photographs made available, were deleted. These objects were quite possibly fishing floats as there are over fifty fishing floats and fishing scows anchored in the waters off Kalgin Island during the summer months. It is recommended in the future that all photographs used in the compilation of the manuscripts be furnished to the ships in the field. All discrepancies on the manuscripts are noted. In some areas comparison of the hydrographic MLLW line with the photogrammetric MLLW line will have to wait until the final smooth tides are available, as the large tides are very critical along flat, sloping beaches. It is recommended that the maps be revised in accordance with the notes on the ozalids and on the attached sheets before acceptance as advanced manuscripts. Field inspection of these maps is complete.

Respectfully submitted,



Lt(jg) Pamela R. Chelgren, NOAA

Approved and Forwarded:



Cdr. Charles A. Burroughs, NOAA  
Commanding Officer  
NOAA Ship FAIRWEATHER MSS-20



REVIEW REPORT T-12348  
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 SURVEYS

A comparison was made with the following Hydrographic Survey:

H-9437 1:20,000 scale dated February 13, 1978

Hydro Survey H-9545 was not available for comparison at the time of final review.

There were no conflicts.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with NOS chart 16662, 1:100,000 scale, dated April 9, 1983.

There were no 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

*J. Byrd, Jr.*

James L. Byrd, Jr.  
Final Reviewer

Approved for forwarding

*Billy H. Barnes*

Billy H. Barnes  
Chief, Photogrammetric Section, AMC

## REVIEW REPORT

SHORELINE

T-12348

Approved

*act. Lucy O. Roberts*

Chief, Photogrammetric Production Sec.

*My. Bryson*

Chief, Photogrammetry Branch

Replaces C&amp;GS Form 567.

## NONFLOATING AIDS GRAY AND BLACKS FOR CHARTS

U.S. DEPARTMENT OF COMMERCE  
D ATMOSPHERIC ADMINISTRATION**ORIGINATING ACTIVITY**

- ☐ HYDROGRAPHIC PARTY  
☐ GEODETIC PARTY  
☐ PHOTO FIELD PARTY  
☒ COMPILATION ACTIVITY  
☐ FINAL REVIEWER  
☐ QUALITY CONTROL & REVIEW GRP.  
☐ COAST PILOT BRANCH

(See reverse for responsible personnel)

DATE \_\_\_\_\_

July 75

LOCALITY

Cook Inlet Southern  
Part Kalgin Island

STATE

Alaska

REPORTING UNIT

Coastal Mapping Div.  
AMC Norfolk VA

**ward to**

NA

HAVE ☐ HAVE NOT ☐ been inspected for

JOB NUMBER	SURVEY NUMBER
------------	---------------

T-12348

**The following objectives**

469

**The following objectives**

469

DESCRIPTION
(Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses.)

DESCRIPTION

LATITUDE

"

LONGITUDE

11

TUDE

"

OFFICE

**FFICE**

FIELD

**AFFEC.**

8553

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	C. Burroughs, CDR NOAA
POSITIONS DETERMINED AND/OR VERIFIED	P. Chelgren, LTJG NOAA
	F. Margiotta
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	C. Blood
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64.)	
<b>OFFICE</b> <b>I. OFFICE IDENTIFIED AND LOCATED OBJECTS</b> Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	<b>FIELD (Cont'd)</b> <b>B. Photogrammetric field positions** require</b> entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982
<b>FIELD</b> <b>I. NEW POSITION DETERMINED OR VERIFIED</b> Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection P - Photogrammetric Vis - Visually 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	<b>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH</b> Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 <b>**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.</b>

### RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

## 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.

[illegible]