

T-12347

T-12347

NOAA FORM 76-35 (6-80)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. T-12347	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 COBBS COVE	
19 <sub>66</sub> TO 19 <sub>74</sub>	
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 TR. <u>12347</u>  MAP EDITION NO. (1) MAP CLASS Final Map JOB PH <u>63011</u> Part <u>2</u>	
OFFICER-IN-CHARGE  Jeffrey G. Carlen, CDR		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
JOB PH- MAP CLASS SURVEY DATES: 19__ TO 19__			

I. INSTRUCTIONS DATED	
1. OFFICE	2. FIELD
Aerotriangulation Aug. 20, 1973  Compilation Dec. 10, 1973	

II. DATUMS	
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 Alaska ZONE 5
5. SCALE 1:20,000	STATE ZONE

III. HISTORY OF OFFICE OPERATIONS		
OPERATIONS	NAME	DATE
1. AEROTRIANGULATION BY	R. Kelly	Aug 1973
METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY	None	
2. CONTROL AND BRIDGE POINTS PLOTTED BY	Allen	Aug 1973
METHOD: <u>Coradomat</u> CHECKED BY	Allen	Aug 1973
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY	L. O. Neterer, Jr.	Mar 1974
COMPILATION CHECKED BY	R. White	Mar 1974
INSTRUMENT: <u>Wild B-8</u> CONTOURS BY	N.A.	
SCALE: <u>1:20,000</u> CHECKED BY	N.A.	
4. MANUSCRIPT DELINEATION PLANIMETRY BY	L. O. Neterer, Jr.	Apr 1974
CHECKED BY	G. Vanderhaven	
METHOD: CONTOURS BY	N.A.	
CHECKED BY	N.A.	
SCALE: <u>1:20,000</u> HYDRO SUPPORT DATA BY	L. O. Neterer, Jr.	Apr 1974
CHECKED BY	G. Vanderhaven	Apr 1974
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY	L. O. Neterer, Jr.	Apr 1974
6. APPLICATION OF FIELD EDIT DATA BY	D. Butler	Jun 1975
CHECKED BY	F. Margiotta	Jul 1975
7. COMPILATION SECTION REVIEW BY	F. Margiotta	July 1975
8. FINAL REVIEW BY	J. Byrd/ C. Blood	Oct. 1986
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY	J. Byrd	Jan. 1987
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY	P. Dampier	Feb. 1987
11. MAP REGISTERED - COASTAL SURVEY SECTION BY	E. L. DAUGHERTY	APR '87

NOAA FORM 76-36B  
(3-72)

T-12347

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=152.71 mm Wild RC-8 "L" FL=152.21 mm		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE	
<input checked="" type="checkbox"/> PREDICTED TIDES				Alaska	
<input type="checkbox"/> REFERENCE STATION RECORDS				MERIDIAN	
<input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				150th	
				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
* 67L(C)3609/11/13/15	Jun.23,1967	10:09	1:40,000	2.3 ft. below MLLW	
** 70E(C)7459 thru 7461	Jul.26,1970	11:30	1:20,000	8.6 ft. above MLLW	
** 70E(C)7467 thru 7469	Jul.26,1970	11:38	1:20,000	7.8 ft. above MLLW	
** 70E(C)7478 thru 7485	Jul.26,1970	11:47	1:20,000	7.9 ft. above MLLW	
** 70E(C)7502 and 7503	Jul.26,1970	12:04	1:20,000	7.6 ft. above MLLW	

REMARKS \*Compilation and bridge photography.  
\*\*Hydro support photographs.

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

\*The 67 L photographs were used to compile the mean high water line.

## 3. SOURCE OF MEAN 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	EAST	SOUTH	WEST
T-12344 PH-6013, T-12048	T-12348	T-12350	T-12346

REMARKS

NOAA FORM 76-36C  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEY

T-12347

## HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION Premarking ☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	N. Taylor	Jun 1967
2. HORIZONTAL CONTROL	RECOVERED BY L. Riggers	Jun 1967
	ESTABLISHED BY N. Taylor	Jun 1967
	PRE-MARKED OR IDENTIFIED BY L. Riggers	Jun 1967
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 BY	
	<input type="checkbox"/> SPECIFIC NAMES ONLY	
	<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

Paneled

2. VERTICAL CONTROL IDENTIFIED

N.A.

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
67L(C) 3611	HARLEY R.M. 2, 1967		

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)

None

ESSA FORM 76-36c  
(2-70)U.S. DEPARTMENT OF COMMERCE  
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
COAST AND GEODETIC SURVEY

Map T-12347

## HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	CDR C.A. Burroughs	July-August 1974
2. HORIZONTAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	Fairweather personnel	July, 1974
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	Ltjg. P. Chelgren	July-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  
n.a.

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

70E(c)7459 thru 7461, 7466 thru 7470, 7478 thru 7485, 7501 thru 7503.

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

n.a.

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)

Map T-12347 (Field Edit copy); and the Field Edit Report, OPR-469-FA-74, Map T12347.

ESSA FORM 76-36c  
(2-70)U.S. DEPARTMENT OF COMMERCE  
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
COAST AND GEODETIC SURVEY

Map T-12047

## HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	CDR. C.A. Burroughs	July-August, 1974
2. HORIZONTAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	Fairweather personnel Fairweather personnel	July, 1974 July, 1974
3. VERTICAL CONTROL n.a. RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY		
4. LANDMARKS AND AIDS TO NAVIGATION RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	Fairweather personnel	July, 1974
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	Ltjg. A. Snella	August, 1974
7. BOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED BY	n.a.	

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

n.a.

2. VERTICAL CONTROL IDENTIFIED

n.a.

PHOTO NUMBER

STATION NAME

PHOTO NUMBER

STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

66L(p)6602 thru 6606

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

n.a.

PHOTO NUMBER

OBJECT NAME

PHOTO NUMBER

OBJECT NAME

5. GEOGRAPHIC NAMES:

☐ REPORT☒ NONE

6. 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)

Map T-12047 (Field edit copy); and the Field Edit Report, OPR-469-FA-74, Map T-12047.

NOAA FORM 76-36D (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION T-12347 <b>RECORD OF SURVEY USE</b>		
<b>I. MANUSCRIPT COPIES</b>				
COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete, pending field edit.	Apr 1974	Class III Manuscript	Apr. 26, 1974	Apr. 26, 1974
Field edit applied. Compilation complete.	Jun. 1975	Class I Manuscript	Feb. 7, 1979	Feb. 7, 1979
Final Review	Oct. 1986	Final Map	2-11-87	
<b>II. LANDMARKS AND AIDS TO NAVIGATION</b> None				
<b>1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH</b>				
NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS	
2. <input type="checkbox"/> REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED:      None 3. <input type="checkbox"/> REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED:				
<b>III. FEDERAL RECORDS CENTER DATA</b>				
1. <input checked="" type="checkbox"/> BRIDGING PHOTOGRAPHS; <input checked="" type="checkbox"/> DUPLICATE BRIDGING REPORT; <input type="checkbox"/> COMPUTER READOUTS. 2. <input type="checkbox"/> CONTROL STATION IDENTIFICATION CARDS; <input type="checkbox"/> FORM NOS 78-40 <del>800</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:				
<b>IV. SURVEY EDITIONS</b> (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

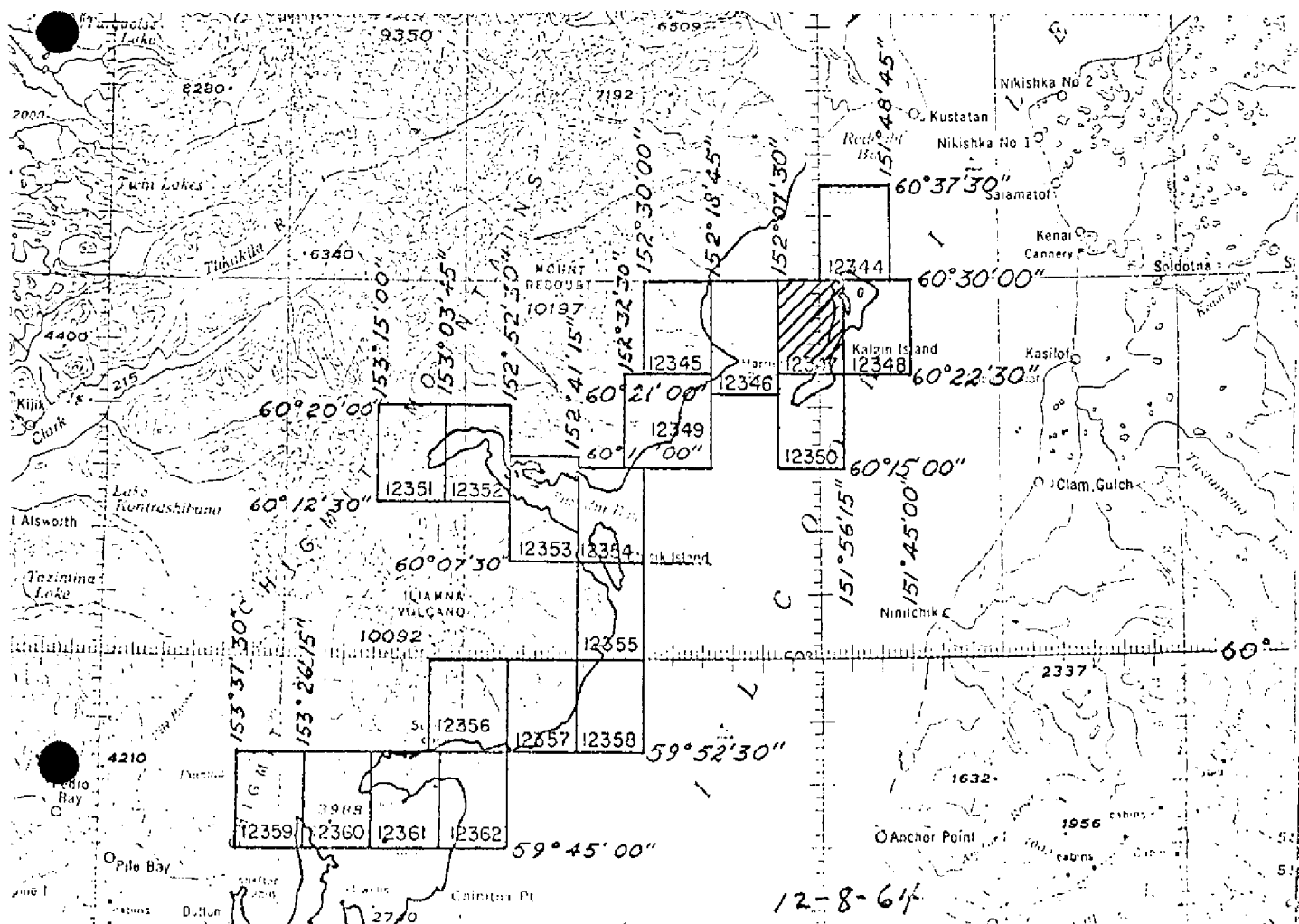
Scale 1:20000  
ALASKA

## 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





SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT

T-12347

This 1:20,000 scale Final 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-12347 during the 1974 field season. Field edit was applied at AMC in June 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-12347

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*  
Robert B. Kelly

Approved by,

*John D. Perrow, Jr.*  
John D. Perrow, Jr.  
Chief, Aerotriangulation Section

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	PH-6301 Part 2	GEODEIC DATUM	ORIGINATING ACTIVITY	REMARKS
T-12347			N.A. 1927	Unit, AMC, Norfolk, VA	
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET STATE ZONE	GEOGRAPHIC POSITION $\phi$ LATITUDE $\lambda$ LONGITUDE	REMARKS
HARLEY, 1967	field position unadjusted	11100	X= 2,352,200.80 Y= 866,356.84	$\phi$ $\lambda$	
HARLEY R.M. 2, 1967	field position unadjusted	11101	X= 2,352,091.71 Y= 866,310.25	$\phi$ $\lambda$	
			X= Y=	$\phi$ $\lambda$	
			X= Y=	$\phi$ $\lambda$	
			X= Y=	$\phi$ $\lambda$	
			X= Y=	$\phi$ $\lambda$	
			X= Y=	$\phi$ $\lambda$	
			X= Y=	$\phi$ $\lambda$	
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			X= Y=	$\phi$ $\lambda$	
			X= Y=	$\phi$ $\lambda$	
COMPUTED BY	A. C. Rauck, Jr.	DATE 4/18/74	COMPUTATION CHECKED BY F. R. Gustafson	DATE 4/23/74	
LISTED BY		DATE	LISTING CHECKED BY	DATE	
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY	DATE	

## COMPILATION REPORT

T-12347

31 - DELINEATION

Delineation was accomplished 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. Drainage was delineated by using the Wild B-8 stereoplotter from compiler's interpretation of the photographs.

35 - SHORELINE AND ALONGSHORE DETAILS

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

The mean high water line was delineated from the photographs.

36 - OFFSHORE DETAILS

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

37 - LANDMARKS AND AIDS

There were no landmarks or aids to navigation 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 ACCURACY

No statement.

46 - COMPARISON WITH EXISTING MAPS

A comparison has been made with U.S. Geological Survey Quadrangle: KENI (B-6), Alaska, scale 1:63,360, dated 1958.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with National Ocean Survey Chart: 8553, scale 1:194,154, Dec. 29, 1973, 15th ed.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

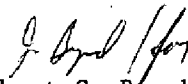
ITEMS TO BE CARRIED FORWARD

None.

Submitted by

  
Lowell O. Neterer, Jr.  
Cartographic Technician  
April 12, 1974

Approved

  
Albert C. Rauck, Jr.  
Chief, Coastal Mapping Section

Feb. 6, 1987

## GEOGRAPHIC NAMES

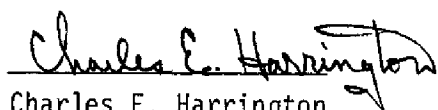
## FINAL NAME SHEET

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

T-12347

Cobbs Cove  
Cook Inlet  
Kalgin Island  
Oldmans Bay  
Swamp Creek

Prepared by:

  
Charles E. Harrington  
Staff Geographer

## FIELD EDIT REPORT

MAP T-12347

COBBS COVE, ALASKA

JULY-AUGUST 1974

Field edit of map T-12347 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 a copy of the field edit ozalid were examined in the field. Isolated rocks and foul areas were located by sextant fixes and transferred to boatsheets SU-20-1A-67 and SU-20-1B-67 (H-8965). Height data is referenced by fix number to the attached data sheets. Photographs are referenced for map T-12347. All times are based on the 135°W meridian.

ADEQUACY OF COMPILATION

Compilation of this map is inadequate. The low water photographs used in the compilation were not furnished. As a result, two objects not found in the field on minus tides and also not seen on the photographs furnished, were deleted. It is virtually impossible to verify photo identified rocks without the low water photographs used to compile the manuscripts. The two objects deleted are at the following positions:

<u>Latitude</u>	<u>Longitude</u>
60°29'52"N	151°58'01"W
60°29'44"N	151°57'41"W

Note is made of the following additions (all rocks):

<u>Fix #</u>	<u>Latitude</u>	<u>Longitude</u>
111	60°29'01"N	151°58'54"W
112	60°29'02"N	151°58'53"W
141	60°22'47"N	152°01'43"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,

*43 Pamela R. Chelgren*  
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 cronapague photographs had to be used in the field. It is recommended that two copies, one processed and one unprocessed, of cronapague 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*

Lt(jg) Pamela R. Chelgren, NOAA

Approved and Forwarded:

*Charles A. Burroughs*

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

REVIEW REPORT  
SHORELINE

T-12347

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 Surveys:  
H-8965, 1:20,000 scale, undated  
H-9437, 1:20,000 scale, February 13, 1978.

There are no major conflicts.

65 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with NOS chart 16662, scale 1:100,000, 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

Approved

*Chief* *Lucy O. Roberson, Jr.* *My. Byrd*  
Chief, Photogrammetric Production Sec. Chief, Photogrammetry Branch

