

T-13157

T-13157

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. T-13157	Edition No. 1
Job No. PH-6709	
Map Classification FINAL FIELD EDITED MAP	
Type of Survey SHORELINE	
LOCALITY	
State Alaska	
General Locality Shelikof Strait	
Locality Cape Chimiak	
1967 TO 1975	
REGISTRY IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, AMC, Norfolk, VA OFFICER-IN-CHARGE Jeffrey G. Carlen		SURVEY TP. <u>T-13157</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final Field</u> <u>Edited Map</u> JOB PH. <u>6703</u>	
I. INSTRUCTIONS DATED		LAST PRECEDING MAP EDITION	
1. OFFICE		2. FIELD	
Aerotriangulation 09/26/67 Compilation 05/06/68 Compilation 11/06/70		Premarking Feb 10, 1967	
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 checked="" type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION Polyconic		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 METHOD: Analytic LANDMARKS AND AIDS BY		I. Saperstein Apr 1968 None	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Calcomp. CHECKED BY		A. Bethea Jun 1968 L. Van Scoy Jun 1968	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: Wild B-8 & graphically CONTOURS BY SCALE: 1:25,000 CHECKED BY		L. Neterer, Jr. Oct 1970 R. Smith Oct 1970 NA NA	
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: Smooth drafted CONTOURS BY CHECKED BY SCALE: 1:20,000 HYDRO SUPPORT DATA BY CHECKED BY		F. Margiotta Nov 1970 C. Bishop Nov 1970 NA NA F. Margiotta Nov 1970 C. Bishop Nov 1970	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		C. Bishop Nov 1970	
6. APPLICATION OF FIELD EDIT DATA BY		C. Blood Jun 1976	
7. COMPILATION SECTION REVIEW BY		F. Margiotta Jun 1976	
8. FINAL REVIEW BY		C. Blood Jan 1987	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		J. Byrd Apr 1987	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		P. Dempsey July 1987	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		E.L. DAUGHERTY AUG 87	

T-13157
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC 9"M" FL = 88.20mm Wild RC 8"L" FL = 152.21mm		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE ZONE Alaska MERIDIAN 150th	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
67M (P) 896-899	7/11/67	08:54	1:60,000	0.5 ft below MLLW	
67L(C) 4054-4062	7/10/67	09:17	1:40,000	2.1 ft below MLLW	
67L(C) 4020-4028	7/10/67	08:57	1:40,000	1.9 ft below MLLW	

REMARKS

The 1:60,000 scale photography was used for compilation.
The 1:40,000 scale photography is 80% endlapped, alternate photographs were processed for hydro support.

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was compiled from the above listed 1:60,000 scale photographs.

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

The mean lower low water line was compiled graphically.

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
no survey	T-13158	T-13160	no survey
REMARKS none			

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
T-13157
NATIONAL OCEAN SURVEY

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD ~~INSPECTION~~ OPERATION Premarking ☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	G. Short	Jun 1967
2. HORIZONTAL CONTROL	RECOVERED BY J. Miller, & JTA	Jun 1967
	ESTABLISHED BY G. Short	Jun 1967
	PRE-MARKED OR IDENTIFIED BY J. Miller, & JTA	Jun 1967
3. VERTICAL CONTROL	RECOVERED BY NA	
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY NA	
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	NA

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

paneled

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
67M 898	CHINIAK, 1967		
67M 896	SWIKSHAK, 1967		

3. PHOTO NUMBERS (Clarification of details)

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)

2 Form 152

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

T-13157

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Alderman	Aug 1975
2. HORIZONTAL CONTROL	RECOVERED BY: None ESTABLISHED BY: None PRE-MARKED OR IDENTIFIED BY: None	
3. VERTICAL CONTROL	RECOVERED BY: NA ESTABLISHED BY: NA PRE-MARKED OR IDENTIFIED BY: NA	
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: G. Kosinski	Aug 1975
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY: NA	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
None		NA	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
3. PHOTO NUMBERS (Clarification of details)			
67L 4020, 4022, 4056, 4060			
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED			
None			
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)			
1 Field edit ozalid 1 Field edit report			

NOAA FORM 76-36C
(3-72)

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONT-13157
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete, pending field edit.	Nov 1970	Class III manuscript	12/17/70	12/16/70
Field edit applied. Compilation complete.	Jun 1976	Class I manuscript	03/25/77	08/04/76
Final Review	Jan 1987	Final Map	June 1987	

II. LANDMARKS AND AIDS TO NAVIGATION None

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 76-40 ~~507~~ SUBMITTED BY FIELD PARTIES.
 3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
 ACCOUNT FOR EXCEPTIONS:

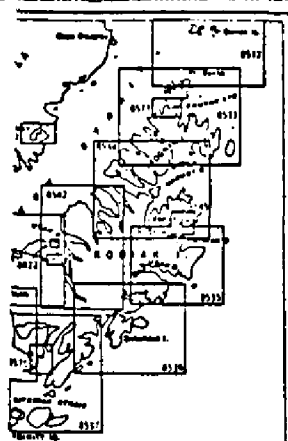
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

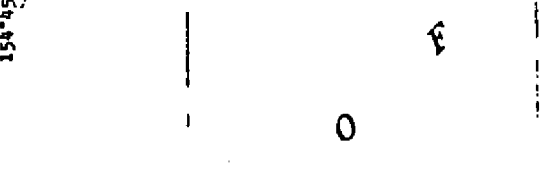
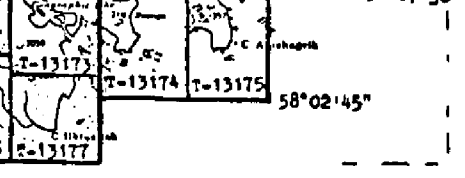
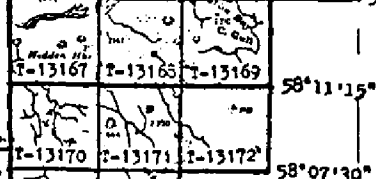
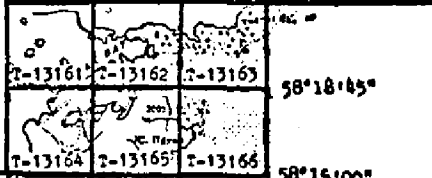
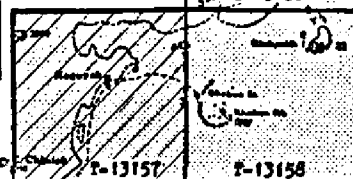
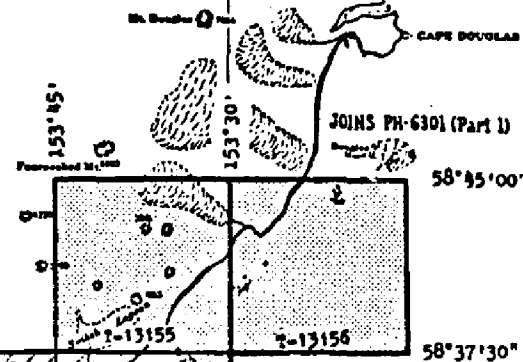
SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	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	

OFFICIAL MILEAGE
FOR COST ACCOUNTS

Sheet No.	Sq. Mi.
T-13155	9
T-13156	10
T-13157	10
T-13158	10
T-13159	10
T-13160	10
T-13161	10
T-13162	10
T-13163	10
T-13164	10
T-13165	10
T-13166	10
T-13167	10
T-13168	10
T-13169	10
T-13170	10
T-13171	10
T-13172	10
T-13173	10
T-13174	10
T-13175	10
T-13176	10
T-13177	10
TOTAL	105



For detailed information
see sheet 13155



JOB PH-6709
SHELIKOF STRAIT,
ALASKA
SHORELINE MAPPING
SCALE 1:10,000 & 1:20,000

8556

PROHIBITED AREA
(see chart 8546)

The area in and about Womans Bay

Defensive Sea Area. No vessels or

CONTINUED ON CHART 8500

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

T-13157

This 1:20,000 scale final shoreline map is one of twenty-three maps designated as PH-6709, Shelikof Strait, Cook Inlet, Alaska. Six maps are 1:20,000 scale and seventeen maps are 1:10,000 scale.

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 July 1967 with the RC-9 "M" camera at 1:60,000 scale using panchromatic film. The map area was also photographed in July 1967 with the RC-8 "L" camera at 1:40,000 scale using color film.

Aerotriangulation was completed at the Washington Office in April 1968.

This map was compiled at the Norfolk Office in November 1970.

Field edit was acquired for T-13156 during the 1975 field season. Field edit was applied at AMC in June 1976.

Final review was accomplished at the Atlantic Marine Center in January 1987. 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 Field Edited Map. The original base manuscript and all related data were forwarded to the Washington Science Center for final registration.

FIELD INSPECTION

T-13157

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
Job PH-6709
Shelikof Strait, Alaska

April 1968

21. Area Covered

The area of this report covers the western shore of Shelikof Strait, Alaska, and consists of seven (7) 1:20,000 scale T-sheets, T-13154 thru T-13160 and seventeen (17) 1:10,000 scale T-sheets T-13161 thru T-13177.

22. Method

Strips 1, 2, 3 and 4 were bridged by analytic aerotriangulation methods. Strips 211, 212, 222, 223, 232, 233, 241 and 281 were bridged by stereoplanigraph using tie points located by the analytic bridge. Strips 224, 231, 242 and 243 were not bridged, but sufficient points have been located to set the models. Photographs 4576 and 4578 on sheet T-13174 are to be compiled graphically using points to be transferred from the color plates to the ratio prints. This is a water model and may be difficult to set.

The attached sketch of the strips bridged shows the placement of triangulation used in the final strip adjustments. Closures to control are shown for each strip on the IBM readout, along with all bridge points on Alaska Zone 5 plane coordinates.

23. Adequacy of Control

Horizontal control is adequate to control strips 1, 2, 3 and 4. All color photographs that were bridged used tie points and horizontal control. This was adequate. All horizontal control was premarked with the exception of DAKAVAK, 1967 and KINAK, 1967. RC-9 photography on strip 2 was flown before the above stations were panelled. KINAK, 1967 was transferred on the PUG from strip 4 to strip 2. DAKAVAK, 1967 was outside the limits of strip 1 and 4 and it was impossible to transfer the point from the color photography due to a poor area. DAKAVAK, 1967 was therefore omitted from the adjustment of strip 2.

DOUGLAS, 1964 could not be held in the adjustment of strip 3. The station is at the extreme edge of the photograph where film distortion is greatest.

24. Supplemental Data

Vertical control needed for the adjustment was taken from USGS quadrangles.

-2-

25. Photography

The definition and quality of the RC-9 "M" and RC-8 "L" color photography were fair and good respectively. Coverage was adequate to compile all sheets.

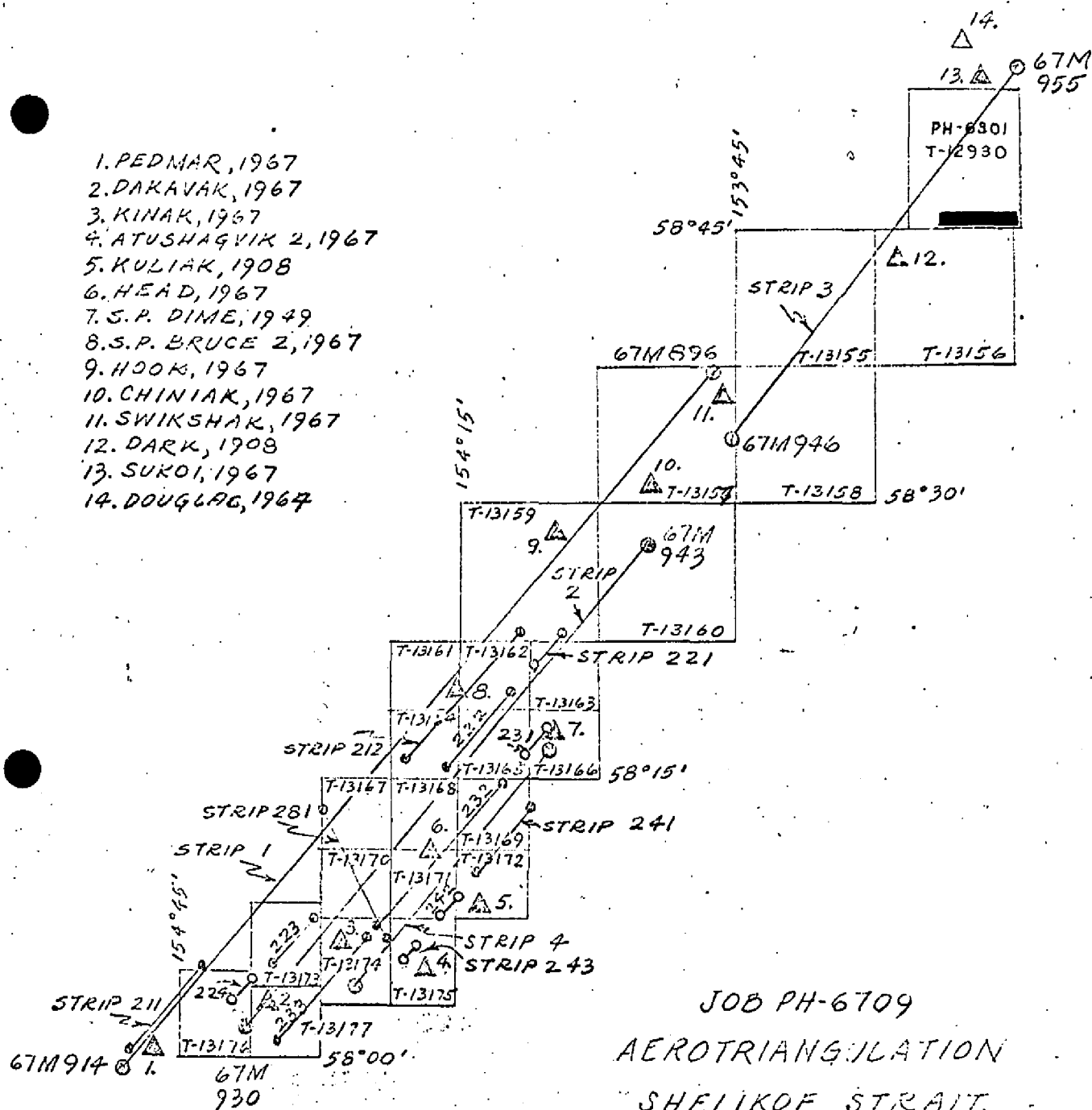
Ratio prints have been ordered from the 1:40,000 scale color photographs on black and white base that cover the 1:20,000 scale sheets. Ratio prints have also been ordered from the 1:30,000 scale color photographs on black and white base that cover the 1:10,000 scale sheets.

Respectively submitted,


I. I. Saperstein

Approved and forwarded


Chief, Aerotriangulation Section



JOB PH-6709
AEROTRIANGULATION
SHELIKOF STRAIT,
ALASKA

- ▲ Control used in adjustment
- ⊖ Strips bridged analytically
- Strips bridged by stereoplanigraph
- Strips not bridged; models to be sealed using points from analytic bridge.

COMPILATION REPORT

T-13157

31. DELINEATION:

The Wild B-8 was used for compilation, using diapositives of the 1:60,000 scale "M" photography, which was of poor quality. Points common to the 1:40,000 scale "L" photography were dropped during compilation and used for location of the "L" centers by resection. The mean lower low water line was compiled graphically from ratio prints of the 1:40,000 scale "L" series photo-hydro support photographs.

Photography was adequate.

32. CONTROL:

See Photogrammetric Plot Report dated April 1968.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours were inapplicable. Drainage was delineated from the Wild

35. SHORELINE AND ALONGSHORE DETAILS:

The mean high water line was delineated from the Wild B-8.

36. OFFSHORE DETAILS:

Ledges and foul areas were delineated from the Wild B-8.

37. LANDMARKS AND AIDS:

There were no charted nonfloating aids or landmarks and none were noted during stereoscopic instrument compilation.

38. CONTROL FOR FUTURE SURVEY:

None.

T-13157

39. JUNCTIONS:

Satisfactory junctions were made with Sheet T-13158 to the east and to the south with T-13160. There were no contemporary surveys to the west or north.

40. HORIZONTAL AND VERTICAL ACCURACY:

No Statement.

46. COMPARISON WITH EXISTING MAPS:

A comparison has been made with USGS Quadrangle AFOGNAK (C-6) ALASKA, scale 1:63,360, dated 1951.

47. COMPARISON WITH NAUTICAL CHARTS:

Comparison has been made with Chart 8556, scale 1:350,000, 3rd edition, dated October 23, 1967.

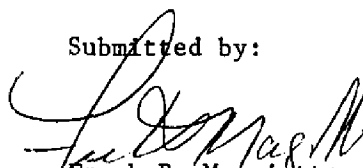
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

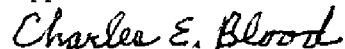
ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:


Frank P. Margiotta
Cartographic Aid
October 27, 1970

Approved and forwarded:


for

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

ADDENDUM TO THE COMPILATION REPORT

T-13157

FIELD EDIT

Field edit was adequate.

16
JAN 14 1987

GEOGRAPHIC NAMES

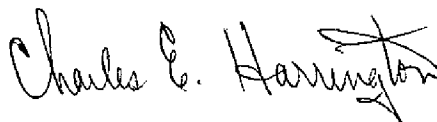
FINAL NAME SHEET

PH-6709 (Shelikof Strait, Alaska)

T-13157

Alaska Peninsula
Big River
Cape Chiniak
Kaguyak (abandoned)
Shelikof Strait
Swikshak
Swikshak Bay
Swikshak Lagoon

Approved:



Charles E. Harrington
Chief Geographer
Nautical Charting Division
Charting and Geodetic Services

FIELD EDIT REPORT

Cape Ilktugitak to Douglas Reef, Alaska

OPR - 478

Summer 1975

Introduction

Field edit reports are attached for the following Job PH-6709 maps:

T-13155 through T-13175, and T-13177

Manuscript T-13176 was not field edited since the survey area did not include Dakavak Bay.

Copies of the field edit ozalids were taken into the field. All notes were made on these field ozalids. The matte ratio prints were used as a last resort in the field when the field ozalid did not provide enough information. The matte ratio prints were found to be of poor quality, very grainy and lacking clarity. These photographs were also hard to handle in the field because of paper curl and stiffness. The cronapaques were of slightly better quality (in clarity and definition) than the matte ratio prints, but they still left a lot to be desired because of their graininess.

Another problem encountered with these photographs was the stage of the tide at the time of photography. Many of the rocks shown on the manuscripts could not be found on the photographs because the tide was too high in these photographs. It would be of great help to have photographs taken at a lower tidal stage.

Apparently color photographs of the area are available. However, none were furnished. Color photographs are far superior to black and white photographs in clarity and definition, and with the added feature of color, are of greater value to the field editor. It is highly recommended that color photographs be furnished in the future.

Compilation of the maps is generally good. All notes were made in violet ink on the ozalids and cronapaques, with deletions in green ink and references to hydrography in red ink. All heights of rocks were estimated by the field editor. Where required, the MHWL was located by measuring distances from photoidentifiable points, as noted on the photographs. All times are based on G.M.T.

Turbid water (due to glacial runoff) in several bays of the project area made it difficult to locate some of the rocks and shoal areas. Due to

-2-

the vast amount of area and shoreline involved, and to the fact that all hydrography was electronically controlled, it was impractical to establish visual signals to be used for field edit. Therefore, the hydrographic launches, and their electronic positioning equipment, were utilized to locate detached positions.


The dashed line symbol on the field edit ozalid was found rather confusing, since it depicts three different features: the approximate MLWL, foul limits, and ledge limits.

It is recommended that these maps be revised in accordance with the notes on the ozalids and cronapaques and on the attached sheets before acceptance as advanced manuscripts. Field inspection of these maps is complete, except as noted on the individual reports.

Respectfully Submitted:

Gregory P. Kounaka
Joanne Gulley
Lt(jg), NOAA

Approved and Forwarded:


Richard E. Alderman
CDR, NOAA
Commanding Officer,
NOAA Ship FAIRWEATHER (MSS-20)

FIELD EDIT REPORT

Map T-13157

Cape Chiniak, Alaska

July - August, 1975

Field edit of map T-13157 was done by Ens. Kosinski during July and August, 1975. Field inspection of the area was done at various stages of the tide by skiff and on foot.

METHOD

Photographs and a copy of the paper field edit ozalid were examined in the field. The shoreline was corrected on the photos and mylar ozalid where it was found to have changed or was in error. All field edit data and corrections are noted on the photographs, film ozalid, paper ozalid, or are included in the hydrographic records for H-9544 (OPR-478-FA-75). All times are GMT. Violet ink was used to annotate features, red ink used as reference to hydrographic records.

ADEQUACY OF COMPILATION

Compilation of this map is good. The MHWL and MLLWL were corrected when found in error. Special notes:

- The low water line in the vicinity of Cape Chiniak has changed significantly and is noted on photograph 10 Jul 67L4056.
- The low water line in the vicinity of Swikshak has changed significantly and is noted on photographs 10 Jul 67L4020 and 10 Jul 67L4060.
- There is a reef in the vicinity of 58°36'N, 153°46'W that does not appear on the manuscript. Refer to photo 10 Jul 67L4060 and hydrography H-9544 for details.

RECOMMENDATIONS

It is recommended that the map be revised in accordance with the notes on the photographs and ozalids, and that the map be accepted as an advance manuscript.

REVIEW REPORT
SHORELINE

T-13157

61. GENERAL STATEMENT:

See the summary included with this Descriptive Report. The National Geodetic Survey readjusted the geodetic network in 1976. This map is based on a geodetic datum that existed prior to that adjustment.

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-9543 1:20,000 scale, date of hydrography 1975.
H-9544 1:20,000 scale, dated December 1, 1977.

There were no conflicts.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with the following NOS chart: 16608, 1:80,000 scale, dated February 26, 1983, 1st edition.

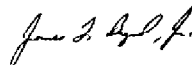
The chart compared well with this manuscript.

T-13157

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

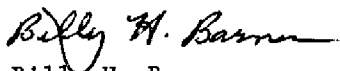
This map complies with the Project Instructions, and meets the requirements for National Standards of Map Accuracy.

Submitted by:



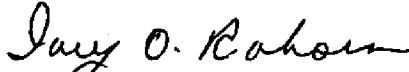
James L. Byrd, Jr.
Final Reviewer

Approved for forwarding:

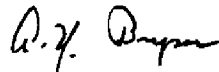


Billy H. Barnes
Chief, Quality Assurance Group, AMC

Approved:



Chief, Photogrammetric Productions Sec.



Chief, Photogrammetry Branch

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]