

TP-00618

TP-00618

NOAA FORM 76-35 (6-80) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
<h1>DESCRIPTIVE REPORT</h1>	
<i>Map No.</i> TP-00618	<i>Edition No.</i> 1
<i>Job No.</i> CM-7414	
<i>Map Classification</i> FINAL	
<i>Type of Survey</i> SHORELINE	
<h2>LOCALITY</h2>	
<i>State</i> ALASKA	
<i>General Locality</i> YAKUTAT BAY	
<i>Locality</i> KRUTOI ISLAND TO LOGAN BEACH	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 19 75 TO 19 78 </div>	
<h2>REGISTERED IN ARCHIVES</h2>	
<i>DATE</i>	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY		SURVEY TP. <u>00618</u>	
DESCRIPTIVE REPORT - DATA RECORD				<input type="checkbox"/> ORIGINAL		MAP EDITION NO. <u>(1)</u>	
				<input type="checkbox"/> RESURVEY		MAP CLASS <u>Final</u>	
				<input type="checkbox"/> REVISED		JOB <u>PH. CM-7414</u>	
PHOTOGRAMMETRIC OFFICE				LAST PRECEDING MAP EDITION			
Rockville, Maryland				TYPE OF SURVEY		JOB <u>PH.</u>	
OFFICER-IN-CHARGE				<input type="checkbox"/> ORIGINAL		MAP CLASS <u>Final</u>	
J. Collins, CDR, NOAA				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
				<input type="checkbox"/> REVISED		19 <u> </u> TO 19 <u> </u>	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Aerotriangulation Nov. 19, 1975				Horizontal Control May 23, 1974			
Office Nov. 3, 1976				Premarking Supplement I April 29, 1975			
				Premarking Supplement II May 10, 1976			
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				4. GRID(S)			
Oblique Mercator				STATE <u>Alaska</u>		ZONE <u>1</u>	
5. SCALE 1:20,000				STATE		ZONE	
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY				D. Norman		Oct 1976	
METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY							
2. CONTROL AND BRIDGE POINTS PLOTTED BY				S. Solbeck		Oct 1976	
METHOD: <u>Coradomat</u> CHECKED BY				J. Perrow			
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				J. Schad - J. Taylor		Dec 1976	
COMPILATION CHECKED BY				P. Dempsey		Dec 1976	
INSTRUMENT: <u>Wild B-8 Stereoplotter</u> CONTOURS BY				N.A.			
SCALE: <u>1:20,000</u> CHECKED BY				N.A.			
4. MANUSCRIPT DELINEATION PLANIMETRY BY				J. Schad		Feb 1977	
CHECKED BY				J. Battley, Jr.		Feb 1977	
METHOD: <u>B-8 Worksheet-graphic</u> CONTOURS BY				N.A.			
CHECKED BY				N.A.			
SCALE: <u>1:20,000</u> HYDRO SUPPORT DATA BY				J. Schad		Feb 1977	
CHECKED BY				J. Battley, Jr.		Feb 1977	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				P. Dempsey		Mar 1977	
6. APPLICATION OF FIELD EDIT DATA BY				C. Goff		Feb 1979	
CHECKED BY				J. Massey		Feb 1979	
7. COMPILATION SECTION REVIEW BY				J. Massey		Mar 1979	
8. FINAL REVIEW BY				L. O. Neterer, Jr.		Sept 1986	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				L. O. Neterer, Jr.		Sept 1986	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				P. Dempsey		Nov. 1986	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				E. L. DAUGHERTY		Dec 86	

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00618
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) RC-10 (C) (88.47 mm)	TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED	TIME REFERENCE	
TIDE STAGE REFERENCE <input type="checkbox"/> PREDICTED TIDES <input checked="" type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		ZONE Yukon	<input checked="" type="checkbox"/> STANDARD
		MERIDIAN 135°W	<input type="checkbox"/> DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
75C(C) 7619, 7620	Aug. 30, 1975	13:18	1:60,000	4.14 ft. above MLLW
75C(C) 7607 thru 7610	Aug. 30, 1975	13:00	1:60,000	3.9 ft. above MLLW
75C(C) 6480 thru 6482	Jul. 6, 1975	16:22	1:60,000	2.6 ft. above MLLW

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The Wild B-8 stereoplotter was used to compile the MHWL using the above listed photography.

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

No MLLW line 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
TP-00615	None	TP-00620	None

REMARKS

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

TP-00618

HISTORY OF FIELD OPERATIONS

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

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Melby	Jun 1975
2. HORIZONTAL CONTROL	RECOVERED BY R. Melby ESTABLISHED BY R. Melby PRE-MARKED OR IDENTIFIED BY R. Melby	Jun 1975 Jun 1975 Jun 1975
3. VERTICAL CONTROL	RECOVERED BY None ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY None	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY None LOCATED (Field Methods) BY None 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 None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N.A.	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
Paneled		None	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
75C(C) 6482	LEAN, 1974		

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)

One Form 152, Control Station Identification Card.

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

TP-00618

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	C. Hayes, CDR, NOAA	Aug 1978
2. HORIZONTAL CONTROL	RECOVERED BY E. McDougal, ENS, NOAA	Aug 1978
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY None	
3. VERTICAL CONTROL	RECOVERED BY None	
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY None	
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 <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY E. McDougal, ENS, NOAA	Aug 1978
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N.A.	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

75C(C) 7609, 7610

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)

TP-00618 Field Edit Sheet, Sounding Volume for TP-00618 and
Field Edit Report.

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Shoreline & alongshore area for hydro support	Feb. 1977	Map Class III horizontal control adequate		Mar. 1977
Comparison with Chart 16761	Mar. 1977	Class III copy sent to Charts for complete revision of S.L. features	Mar. 1977	.
Field Edit applied. Compilation complete.	Mar. 1979	Class I Manuscript	Jun. 27, 1979	
Final Review	Sept. 1986	Final Map	Nov. 1986	

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 ~~56~~ 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: _____

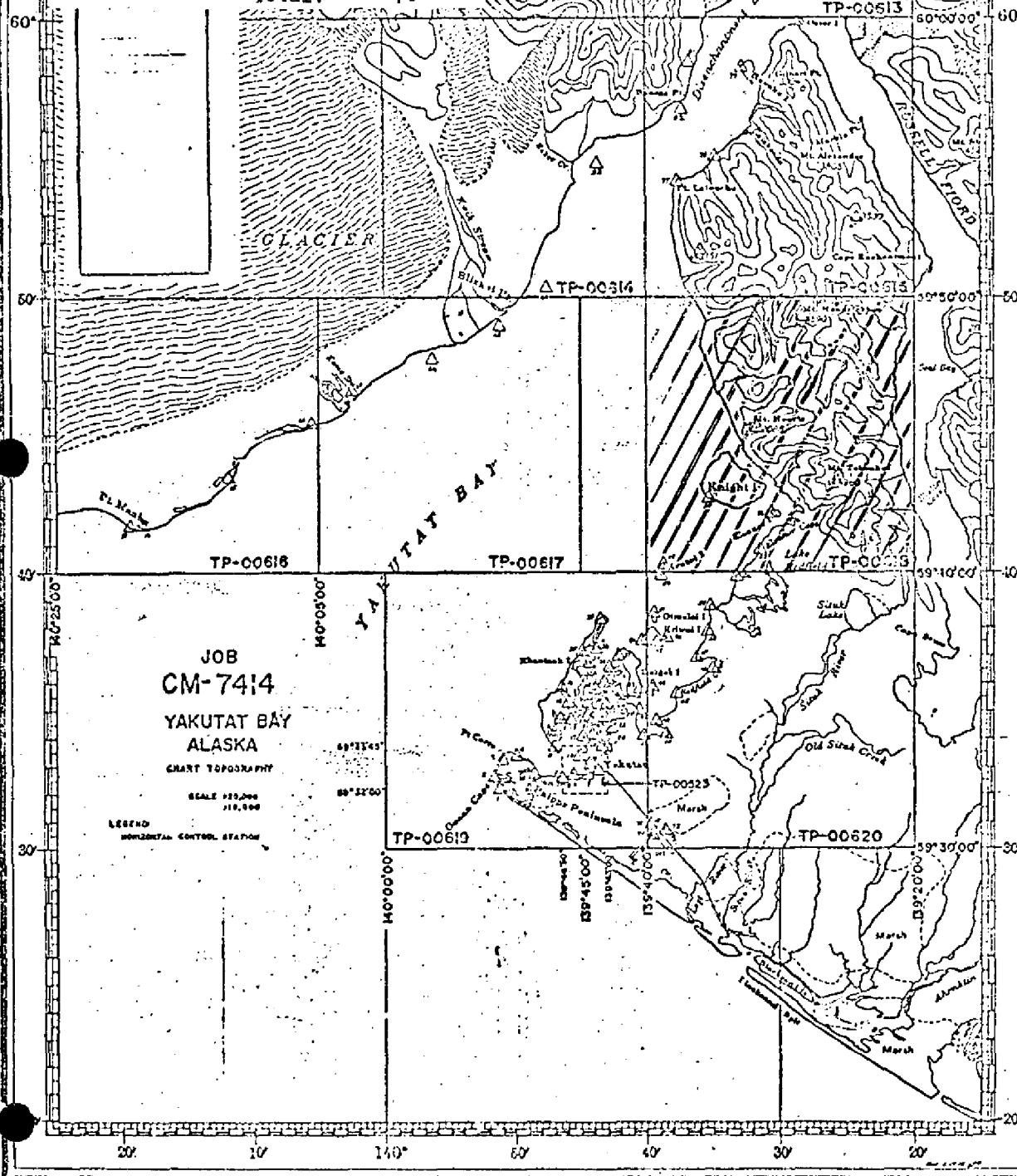
IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

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

<u>Sheet No.</u>	<u>Sq. Mi.</u>
TP-00523	4
TP-00613	5
TP-00614	6
TP-00615	10
TP-00616	7
TP-00617	6
TP-00618	12
TP-00619	20
TP-00620	6
Total:	<u>76</u>

Total:



SCALE 1:120,000

Rev. 2-17-75

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00618

This 1:20,000 scale shoreline map is one of nine maps that comprise project CM-7414, Yakutat Bay, Alaska. This project encompasses Yakutat Bay to Disenchantment Bay, latitude 59 30 00 north to latitude 60 10 00.

Field work prior to compilation, consisting of the identification of horizontal control by premarking methods to meet aerotriangulation requirements, was accomplished in June 1975.

Photographic coverage was provided in July and August 1975 using color film with the "C" camera (focal length = 88.47 millimeters) at 1:60,000 scale.

Analytic aerotriangulation was performed at the Washington Science Center in October 1976.

Compilation was performed at the Rockville, Maryland office in February 1977.

Field edit was accomplished during August 1978.

Application of Field Edit was completed in March 1979 at the Pacific Marine Center.

Final Review was performed at the Atlantic Marine Center in September 1986.

This Descriptive Report contains all pertinent information used to compile this final map.

The original base map and all pertinent data were forwarded to the Washington Science Center.

FIELD INSPECTION

CM-7414

TP-00618

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.

Photogrammetric Plot Report
Yakutat Bay, Alaska
CM-7414

October 21, 1976

21. Area Covered

This report pertains to nine sheets in Yakutat Bay, Alaska. The sheets are TP-00613 thru TP-00620 of 1:20,000 scale and TP-00523 of 1:10,000 scale.

22. Method

Three strips were bridged by analytic aerotriangulation methods. The strips were adjusted to ground in the Alaska Zone, State Plane Coordinate System. Points were established for determining ratios of 1:60,000 scale offshore photography. Points were also established for setting models of 1:30,000 scale photography on sheet TP-00619. Ratios of 1:30,000 scale infrared, MHW photography were also determined for coverage of sheet TP-00619. Ratios have been ordered. All sheets were plotted on the Coradomat.

23. Adequacy of Control

A discrepancy exists between two horizontal control stations: CENTER RADIO TOWER, 1941 and YAKAIR, 1974. CENTER RADIO TOWER is a terminal station for strip 3 and YAKAIR is a terminal station for strip 2. In the vicinity of these stations the two strips overlap. Tie points indicate a difference of approximately 12 feet in X and 6 feet in Y.

YAKAIR is located at the Yakutat Airport. Three other points at the airport, with known positions were also measured. These points agree with CENTER RADIO TOWER, but not with Yakair. Stations at the airport were tied to datum in 1967 by triangulation and traverse from station CAVE, 1941. The azimuth station was BOLD, 1941 with CENTER RADIO TOWER used as a check. The check was 0.9 seconds.

The Geodesy Division checked the 1974 field data but could find nothing wrong. It was suggested that earthquake movement could be responsible for the discrepancy.

It was decided to complete the project even though the discrepancy has not been resolved. Strip 2 was adjusted on tie points from strip 3. YAKAIR was not used.

24. Supplemental Data

No supplemental data was used.

25. Photography

The photography was adequate.

Submitted by:

Don O. Norman

Don O. Norman

Approved by:

John D. Perrow Jr.

John D. Perrow, Jr.

Chief, Aerotriangulation Section

fit to control
(feet)

strip 1

1 BEACH 7ET (USGS), 1959	(0.3, 0.1)
2 BLIZ, 1974	(1.5, 1.3)
3 BANCAS, 1974	(5.3, 3.8)
5 DOLCE, 1974	(1.1, 2.3)
4 HUB, 1974	(0.2, 1.1)

strip 2

357801	(0.7, 5.6)
357802	(2.8, 7.6)
5 DOLCE, 1974	(2.1, 4.6)
6 LEAN, 1974	(4.5, 2.1)
7 KRUTOI, 1941	(2.5, 2.9)
8 GRASS, 1941	(2.1, 0.6)
486801	(1.5, 1.8)

strip 3

10 CENTER RADIO TOWER, 1941	(0.0, 0.0)
8 GRASS, 1941	(0.0, 0.0)
7 KRUTOI, 1941	(1.5, 1.0)
6 LEAN, 1974	(0.0, 0.0)

NOAA FORM 76-41 (6-75)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION			
DESCRIPTIVE REPORT CONTROL RECORD					
MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY		
TP-00618	CM-7414	North American 1927	Photogrammetric Branch, P.M.C.		
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET		REMARKS
			STATE	ZONE	
			Alaska	1	
Dopey, 1977	Field Pos.				
Eleanor, 1941	G.P. Vol. 3 Page 969				
Grumpy, 1977	Field Pos.				
Mary, 1977	Field Pos.				
Oly, 1977	Field Pos.				
Sneezy, 1977	Field Pos.				
Study, 1977	Field Pos.				
Tony, 1977	Field Pos.				
COMPUTED BY	C. Goff	DATE	Feb. 1979	COMPUTATION CHECKED BY	J. Minton
LISTED BY	C. Goff	DATE	Feb. 1979	LISTING CHECKED BY	J. Minton
HAND PLOTTING BY	C. Goff	DATE	Feb. 1979	HAND PLOTTING CHECKED BY	J. Minton

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

NOAA FORM 76-41 (6-75)		DESCRIPTIVE REPORT CONTROL RECORD				NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION		U.S. DEPARTMENT OF COMMERCE	
MAP NO.	JOB NO.	GEODETTIC DATUM		COORDINATES IN FEET		GEOGRAPHIC POSITION		ORIGINATING ACTIVITY	
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	STATE	ZONE	φ LATITUDE	λ LONGITUDE	REMARKS		
TP-00618	CM-7414		Alaska	1				Coastal Mapping	
Knight, 1941	G.P. Vol. 3 Page 969	000058			φ	59° 42' 39.307"			
					λ	139° 35' 16.704"			
Krutoi, 1941	G.P. Vol. 3 Page 969	483100			φ	59° 40' 16.654"			
					λ	139° 38' 29.885"			
Lean, 1974	Field Pos.	482100			φ	59° 42' 13.435"			
					λ	139° 30' 29.884"			
					φ				
					λ				
					φ				
					λ				
					φ				
					λ				
					φ				
					λ				
					φ				
					λ				
					φ				
					λ				
COMPUTED BY		DATE	COMPUTATION CHECKED BY					DATE	
LISTED BY	B. Thornton	DATE	LISTING CHECKED BY		J. Perrow			DATE	
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY					DATE	

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

Compilation Report
TP-00618
February 1977

31. Delineation

The MHW line, foreshore features, and planimetry were compiled from 1:60,000 scale color photography. This compilation was done on the B-8 stereoplotter.

Photo-hydro support photographs (1:60,000 scale color ratioed to 1:20,000 scale), were prepared in the usual manner. A good resection of photograph centers, shoreline point, and control points of ratio photos were obtained. (75C(C) 7619 thru 7620, 75-C(C) 7607 thru 7610.)

32. Horizontal Control

(See Photogrammetric Plot Report.)

33. Supplemental Data - None

34. Contours and Drainage

Contours are not applicable. Drainage was compiled from 1:60,000 scale photos on the B-8 stereoplotter.

35. Shoreline and Alongshore Details

(See Item 31 - Delineation.)

The 1:60,000 scale color bridging photography, taken at approximately half tide, was used to compile rocks, numerous rocks awash, shallow and shoal areas bordering the MHWL. This manuscript differs from the published chart in the rock delineation along the whole shoreline. The manuscript shows numerous rocks whereas the chart shows none.

The color transparencies, set in the B-8 stereoplotter, were near low water and it is possible that many foreshore rocks could be bottom features. There also were many small icebergs and chunks of ice which were a constant confusion to the compiler.

36. Offshore Details

No unusual problems were encountered in compiling details from 1:60,000 scale photography.

37. Landmarks and Aids - None

38. Control for Future Surveys - None

39. Junctions

Junctions with TP-00620 - TP-00615

40. Horizontal and Vertical Accuracy

This map complies with the National Map Accuracy Standard.

41. thru 45. Inapplicable

46. Comparison with Existing Maps

Comparison was made with the following USGS quads:

(C-5) Yakutat, Alaska, 1959; 1:63,360 scale

(D-5) Yakutat, Alaska, 1959; 1:63,360 scale

47. Comparison with Existing Charts

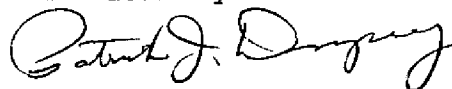
Comparison was made with the following nautical charts:

16761 (8455), 11th Edition, August 28, 1976; 1:80,000

Items to be Applied to Nautical Charts Immediately: Entire shoreline compilation.

Items to be Carried Forward: None

Submitted by:



For: James Schad
Cartographer

Approved and Forwarded:



For:

J. P. Battley, Jr.
Chief, Coastal Mapping Section

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7414 (Yakutat Bay, Alaska)

TP-00618

Chicago Harbor

Eleanor Cove

Knight Island

Krutoi Island

Lake Redfield

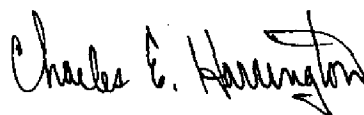
Logan Beach

Neeg Island

Tla-xagh Island

Yakutat Bay

Approved:



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

FIELD EDIT REPORT
 TP-00618
 Logan Beach to Krutoi Island
 Yakutat Bay, Alaska
 OPR-0121-DA-78
 NOAA Ship DAVIDSON, S-331
 1978

51 METHODS

Field edit on manuscript TP-00618 was accomplished in accordance with project instructions OPR-0121-DA-78, Yakutat Bay, Alaska, dated 13 March, 1978 and Chapter 11, Manual of Coastal Mapping Field Procedures. Features were located by hydrographic detached position, photo identification, or three-point sextant fix and check angle on JD's 202, 203, 204, 214, 216, 218, 243 and 245. Verification of rocks at the northern end of the T-sheet was accomplished by a launch working close inshore on JD 244. Height data was not obtained for all the rocks verified on this day.

Original data was recorded on the hydro data printout, in Sounding Volume #1 for TP-00618, on the Discrepancy Print, or on the hydrographic boat sheets. Later, the data was compiled and inked on the MYLAR Field Edit Sheet. Data collected using Field Edit methods has not been duplicated on the hydrographic Final Field Sheet, though hydrographic detached positions are indexed on the Field Edit Sheet.

Cronapague photos 75 C 7609 and 75 C 7610 were used for clarification of detail.

Standard ink colors as per PMC OPOORDER Change No. 2-77, dated 23 March, 1977, were used to process the field edit data.

Photographs and Field Edit Sheet:

Violet - verification
 Red - additions
 Green - deletions

Final Field Sheet:

Black - manuscript, no change
 Red - additions (Hydro D.P.'s)

52 ADEQUACY OF COMPILATION

The map compilation of rocks is good, but the compilation of shallow zones is poor. The map is adequate and complete for charting with this field edit applied.

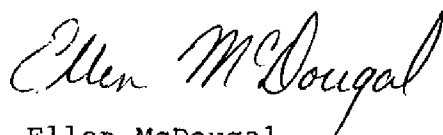
53 MAP ACCURACY

The high water line as depicted on the map is accurate.

54 RECOMMENDATIONS

The manuscript should be considered complete with corrections compiled from this field edit and from H-9694 and H-9778 hydrography.

Submitted by:



Ellen McDougal
ENS, NOAA

Approved and Forwarded by:



C. William Hayes
CDR, NOAA
Commanding Officer

REVIEW REPORT
SHORELINE

TP-00618

61 - GENERAL STATEMENT

See Summary included with this report.

62 - COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Not applicable.

63 - COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with U.S.G.S. quadrangles: Yakutat (C-5), and Yakutat (D-5), Alaska, scale 1:63,360, and dated 1959.

64 - COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

A comparison was made with the advance copy of H-9889, 1:20,000, dated October 19, 1979. And with the Final Field Sheet of H-9694, scale 1:20,000, dated July 5 thru Sept. 15, 1978.

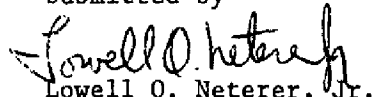
65 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with N.O.S. Charts:
Chart 16760, 7th edition, 1:300,000 scale, dated March 16, 1985
Chart 16761, 13th edition, 1:80,000 scale, dated August 18, 1984.

66 - ADEQUACY OF RESULTS AND FUTURE SURVEYS

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


Submitted by

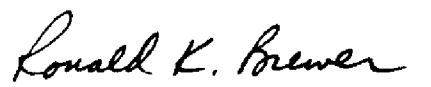

Lowell O. Neterer, Jr.
Final Reviewer
July 18, 1986

Approved for forwarding


Billy H. Barnes
Chief, Photogrammetric Section

Approved


Chief, Photogrammetric Section
Rockville


Chief, Photogrammetry Branch
Rockville

