TP-00615

TP-00615

NOAA FORM 76-35
(6-80)

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

DESCRIPTIVE REPORT

Map No.	*Edition No.*
TP-00615	1

Job No.
CM-7414

Map Classification
FINAL

Type of Survey
SHORELINE

LOCALITY

State
ALASKA

General Locality
YAKUTAT BAY

Locality
LOGAN BEACH TO OSIER ISLAND

1975 TO 1978

REGISTERED IN ARCHIVES

DATE

*U.S. GOVERNMENT PRINTING OFFICE 1980-665-115

NOAA FORM 76-36A (3-72) — U. S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY: [X] ORIGINAL [ ] RESURVEY [ ] REVISED

SURVEY TP- 00615

MAP EDITION NO. (1)

MAP CLASS Final

JOB PH- CM-7414

PHOTOGRAMMETRIC OFFICE: Rockville, Maryland

OFFICER-IN-CHARGE: J. Collins, CDR, NOAA

LAST PRECEEDING MAP EDITION

TYPE OF SURVEY: [ ] ORIGINAL [ ] RESURVEY [ ] REVISED

JOB PH- ____

MAP CLASS ____

SURVEY DATES: 19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE		2. FIELD	
Aerotriangulation	Nov. 19, 1975	Horizontal Control	May 23, 1974
Office	Nov. 3, 1976	Premarking Supplement I	Apr. 29,1975
		Premarking Supplement II	May 10, 1976

II. DATUMS

1. HORIZONTAL: [X] 1927 NORTH AMERICAN — OTHER (Specify)

2. VERTICAL: [X] MEAN HIGH-WATER [ ] MEAN LOW-WATER [ ] MEAN LOWER LOW-WATER [ ] MEAN SEA LEVEL — OTHER (Specify)

3. MAP PROJECTION: Oblique Mercator

4. GRID(S): STATE Alaska, ZONE 1

5. SCALE: 1:20,000 — STATE, ZONE

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION	BY	D. Norman	Oct 1976
METHOD: Analytic	LANDMARKS AND AIDS BY		
2. CONTROL AND BRIDGE POINTS	PLOTTED BY	S. Solbeck	Oct 1976
METHOD: Coradomat	CHECKED BY	J. Perrow	Oct 1976
3. STEREOSCOPIC INSTRUMENT COMPILATION	PLANIMETRY BY	J. Taylor	Jan 1977
	CHECKED BY	P. Dempsey	Jan 1977
INSTRUMENT: Wild B-8 stereoplotter	CONTOURS BY	N.A.	
SCALE: 1:20,000	CHECKED BY	N.A.	
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	L. Manko	Feb 1977
	CHECKED BY	J. Schad	Feb 1977
METHOD: B-8 Worksheet - Graphic	CONTOURS BY	N.A.	
	CHECKED BY	N.A.	
SCALE: 1:20,000	HYDRO SUPPORT DATA BY	L. Manko	Feb 1977
	CHECKED BY	J. Battley, Jr.	Feb 1977
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	P. Dempsey	Feb 1977
6. APPLICATION OF FIELD EDIT DATA	BY	G. Morris	Jan 1979
	CHECKED BY	C. Goff	Apr 1979
7. COMPILATION SECTION REVIEW	BY	C. Goff	Apr 1979
8. FINAL REVIEW	BY	L. O. Neterer, Jr.	Jul 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 76-36A — SUPERSEDES FORM C&GS 181 SERIES

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

NOAA FORM 76-36B
(3-72)

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

TP-00615

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S): RC-10C (Focal length = 88.47 mm)

TYPES OF PHOTOGRAPHY LEGEND
(C) COLOR
(P) PANCHROMATIC
(I) INFRARED

TIME REFERENCE
ZONE: Yukon
MERIDIAN: 135°W
[xx] STANDARD
[ ] DAYLIGHT

TIDE STAGE REFERENCE
[ ] PREDICTED TIDES
[xx] REFERENCE STATION RECORDS
[ ] TIDE CONTROLLED PHOTOGRAPHY

	NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
**	75 C(C) 6476 thru 6480	Jul.6,1975	16:26	1:60,000	2.6 ft. above MLLW
	75 C(C) 7322 thru 7324	Aug.4,1975	13:10	1:60,000	5.7 ft. above MLLW
**	75 C(C) 7355 thru 7357	Aug.4,1975	13:46	1:60,000	5.05 ft. above MLLW
	75 C(C) 7606	Aug.30,1975	13:00	1:60,000	3.9 ft. above MLLW

REMARKS

Ratio photograph 75 C(C) 7323 was prepared for hydro support.

2. SOURCE OF MEAN HIGH-WATER LINE:

**B-8 stereo models of the photography indicated above were used to delineate the MHWL.

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

No MLLW line was 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-00613	None	TP-00618	TP-00614

REMARKS

NOAA FORM 76-36B
(3-72)

*U.S. GOVERNMENT PRINTING OFFICE:1977-765-092

NOAA FORM 76-36C
(3-72)

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

TP-00615

HISTORY OF FIELD OPERATIONS

I. [XX] FIELD INSPECTION OPERATION [ ] FIELD EDIT OPERATION

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		R. Melby	Jun 1975
2. HORIZONTAL CONTROL	RECOVERED BY	R. Melby	Jun 1975
	ESTABLISHED BY	R. Melby	Jun 1975
	PRE-MARKED OR IDENTIFIED BY	R. Melby	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	None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION: [ ] COMPLETE [ ] SPECIFIC NAMES ONLY [XX] NO INVESTIGATION — BY		
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

Premarked

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
75C(C)7323	BANCAS (RM 1) 1974		
75C(C)7322	DOLCE 1974 sub pt		
75C(C)7325	HAENKE 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 [XX] NONE

6. BOUNDARY AND LIMITS: [ ] REPORT [XX] NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

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

3 Forms 152, Control Station Identification Card

☆ U.S. GPO: 1977-765-092/1105 Region 6

NOAA FORM 76-36C
(3-72)

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

TP-00615

HISTORY OF FIELD OPERATIONS

1. ☐ 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	None	
	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 ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION — BY		
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)*

75 C(C) 7322 thru 7324, 75 C(C) 7606

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

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)*

One each Field Edit Ozalid, and Field Edit Report

☆ U.S. GPO: 1977-765-092/1105 Region 6

NOAA FORM 76-36D
(3-72)

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

TP-00615

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Shoreline and alongshore features for hydro support	Jan 1977	Class III Manuscript horiz.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.	Apr 1979	Class I Manuscript	Jun 27, 1979	
Final Review	Jul 1986	Final Map	Nov. 1986	

II. LANDMARKS AND AIDS TO NAVIGATION

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

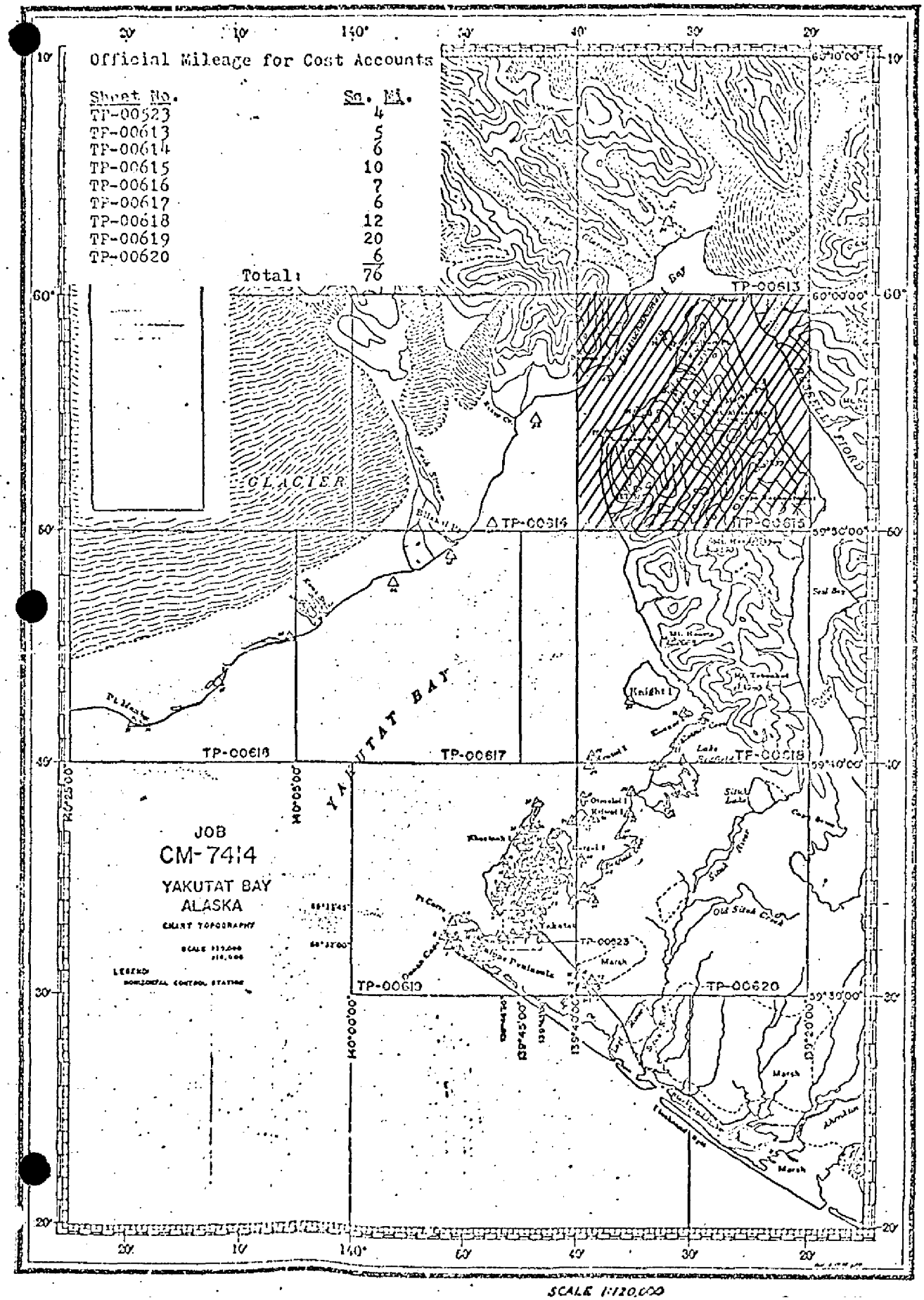
1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 76-40 SUBMITTED BY FIELD PARTIES.
3. ☒ SOURCE DATA *(except for Geographic Names Report)* AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:

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

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

	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY
SECOND EDITION	TP - _____ (2)	PH - _____	☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH- _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL

☆ U.S. GPO: 1977-765-092/1106 Region 6


Official Mileage for Cost Accounts
Sheet No. Sq. Mi.
TP-00613 4
TP-00614 5
TP-00615 6
TP-00616 10
TP-00617 7
TP-00618 6
TP-00619 12
TP-00620 20
6
Total: 76
GLACIER
YAKUTAT BAY
TP-00613
TP-00614
TP-00615
TP-00616
TP-00617
TP-00618
TP-00619
TP-00620
JOB
CM-7414
YAKUTAT BAY
ALASKA
SCALE 1:120,000

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00615

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 consisted of the identification of horizontal control by premarking techniques to meet aerotriangulation requirements. This was accomplished in June 1975.

Photographic coverage was provided in 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 April 1979 at the Pacific Marine Center.

Final Review was performed at the Atlantic Marine Center in July 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-00615

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 1 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

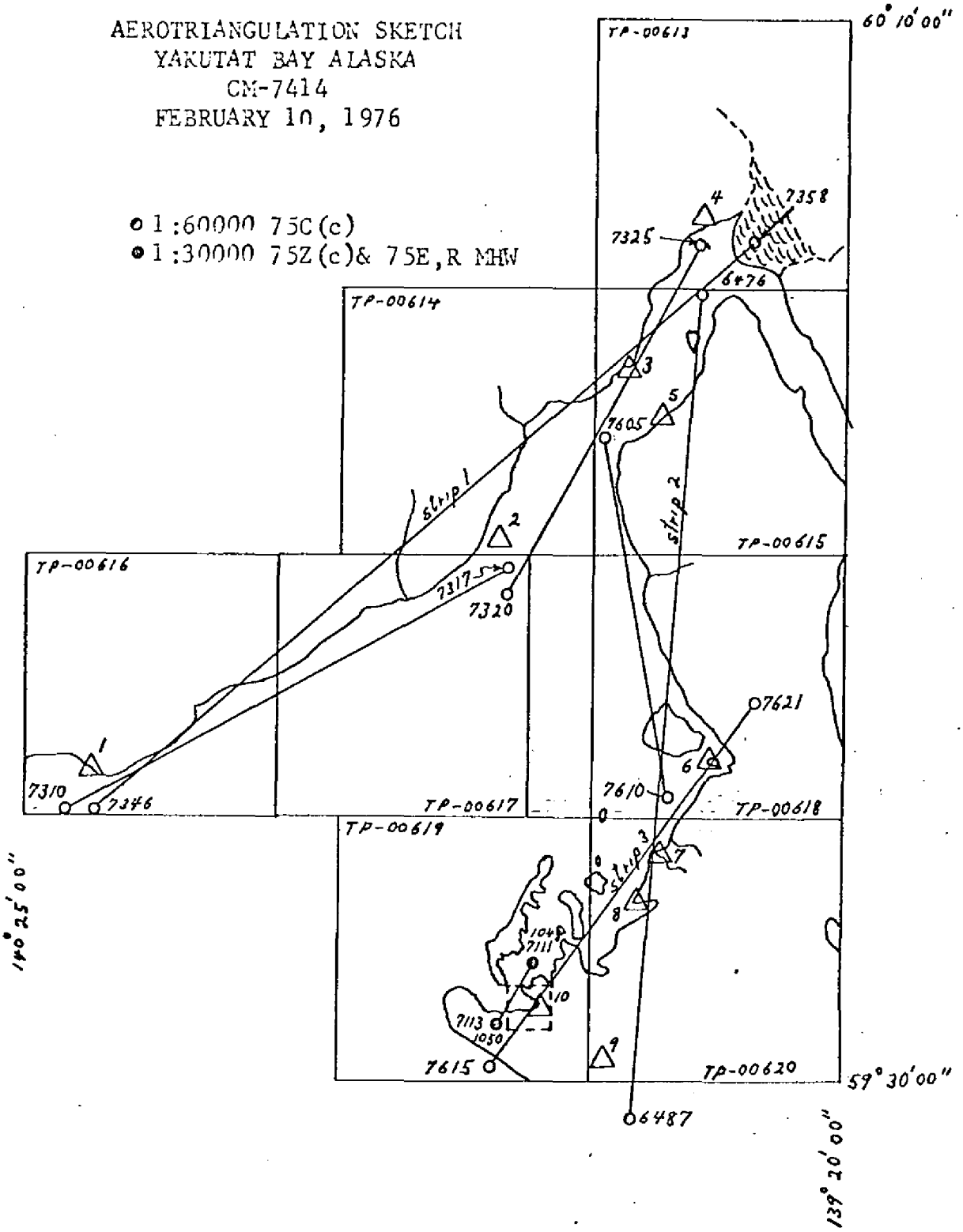
Approved by:

John D. Perrow Jr.

John D. Perrow, Jr.
Chief, Aerotriangulation Section

AEROTRIANGULATION SKETCH
YAKUTAT BAY ALASKA
CM-7414
FEBRUARY 10, 1976

- 1:60000 75C(c)
- 1:30000 75Z(c)& 75E,R MHW



	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-00615	CM-7414	North American 1927	Photogrammetric Branch, P.M.C.

STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE Alaska ZONE 1	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	REMARKS
Bancas, 1974	Unadjusted Field Pos.	355100	x=	φ 59° 56' 47.099"	
			y=	λ 139° 37' 06.225"	
Haenke, 1974	Unadjusted Field Pos.	79	x=	φ 59° 58' 18.991"	
			y=	λ 139° 32' 47.886"	
Lefty, 1974	Unadjusted Field Pos.	000081	x=	φ 59° 58' 28.052"	
			y=	λ 139° 36' 32.955"	
Dolce, 1974	Unadjusted Field Pos.	78	x=	φ 59° 55' 06.889"	
			y=	λ 139° 34' 48.884"	
Luff, 1974	Unadjusted Field Pos.	000077	x=	φ 59° 54' 10.708"	
			y=	λ 139° 37' 39.250"	
Latouche, 1965	59139 Page 7	63	x=	φ 59° 51' 45.430"	
			y=	λ 139° 35' 56.739"	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	

COMPUTED BY	DATE	COMPUTATION CHECKED BY	DATE
G. Morris	Jan. 1979	J. C. Goff	April 1979
LISTED BY	DATE	LISTING CHECKED BY	DATE
HAND PLOTTING BY	DATE	HAND PLOTTING CHECKED BY	DATE

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

COMPILATION REPORT

CM-7414
TP-00615
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 of ratio photos were obtained.

Due to lack of photographic coverage, the compilation of Russell Fiord was not complete.

32. Horizontal Control

(See Photogrammetric Plot Report.)

33. Supplemental Data

None.

34. Contours and Drainage

Contours are not applicable. Drainage was delineated from 1:60,000 photos.

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.

CM-7414
TP-00615

37. Landmarks and Aids

None.

38. Control for Future Surveys

None.

39. Junctions

Refer to the Compilation Sources Form, NOAA Form 76-36B, item 5.

40. Horizontal and Vertical Accuracy

41. thru 45. Inapplicable

46. Comparison with Existing Maps

Comparison was made with USGS quadrangles:

(D-4) Yakutat, Alaska, dated 1959, 1:63,360 scale
(D-5) Yakutat, Alaska, dated 1959, 1:63,360 scale

47. Comparison with Existing Charts

Comparison was made with the following nautical chart:

16761, 11th Edition, dated August 28, 1976, 1:80,000

Items to be Applied to Nautical Charts Immediately - None

Items to be Carried Forward - None

Submitted by:

For: Lucille G. Manko
Cartographic Technician

Approved and Forwarded:

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

OCT 2. 1985

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7414 (Yakutat Bay, Alaska)

TP-00615

Aquadulce Creek
Bancas Point
Calahonda Creek
Disenchantment Bay
Haenke Island
Hubbard Glacier
Indian Camp Creek
Logan Beach
Logan Bluffs
Osier Island
Point Latouche
Russell Fiord
Turner Glacier
Yakutat Bay

Sincerely,

Charles E. Harrington

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

FIELD EDIT REPORT
TP-00615
Logan Beach to Osier Island
Yakutat Bay, Alaska
OPR-0121-DA-78
NOAA Ship DAVIDSON, S-331
1978

51 METHODS

Field edit on manuscript TP-00615 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 photoidentified using matte ratio photos #75 C 7322, 7324 and 7606 and a skiff working close inshore on August 18 (JD 230) from 1500Z to 1800Z and on August 19 (JD 231) from 1500Z to 1815Z. A small portion of southern shoreline was field edited by a launch running parallel to and just off the shore between 1800Z and 1930Z on September 1, 1978 and using matte ratio photo #75 C 7606 and the extra MYLAR compilation sheet. In addition, some hydrographic D.P.'s were obtained on JDs 231, 233 and 235.

Original data was recorded on the field photo in pencil and later transferred to the cronapaque photo and indexed on the MYLAR field edit sheet. Standard ink colors as per PMC OPORDER Change No. 2-77, dated 23 March, 1977, were used to process the field edit data.

Photographs and Field Edit Sheet:
Violet - verifications
Red - additions
Green - deletions

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

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.

52 ADEQUACY OF COMPILATION

The map compilation 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 the shoreline hydrography on H-9778 and H-9779.

Submitted by:

Ellen McDougal
ENS, NOAA

Approved and Forwarded by:

C. William Hayes
CDR, NOAA
Commanding Officer

REVIEW REPORT
SHORELINE

TP-00615

61 - GENERAL STATEMENT

See Summary included with this report.

The shoreline on this map is primarily a steep glacial beach except for a small area in Russell Fiord which is a glacial ice front; it is shown with an approximate mean high water line.

Insufficient photo coverage prevented the completion of Russell Fiord on this map.

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 (D-4), Alaska, Yakutat (D-5), Alaska. Both are dated 1959 and are at 1:63,360 scale.

64 - COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

A comparison was made with the advance copy of H-9779, 1:20,000, dated September 19, 1979.

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.

TP-00615

Submitted by

Lowell O. Neterer, Jr.
Final Reviewer
August 7, 1986

Approved for forwarding

Billy H. Barnes
Chief, Photogrammetric Section

Approved

Chief, Photogrammetric Section
Rockville

Lonald K. Brewer
Chief, Photogrammetry Branch
Rockville

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

NAUTICAL CHART DIVISION

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.

CHART	DATE	CARTOGRAPHER	REMARKS
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
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