TP-00614

TP-00614

NOAA FORM 76-35
(6-80)

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

DESCRIPTIVE REPORT

Map No. TP-00614	*Edition No.* 1
Job No. CM-7414	
Map Classification FINAL	
Type of Survey SHORELINE	

LOCALITY

State ALASKA

General Locality YAKUTAT BAY

Locality WEST COAST OF YAKUTAT BAY

19 75 TO 19 78

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- 00614

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	November 19, 1975	Horizontal Control	May 23, 1974
Office	November 3, 1976	Premarking Supplement I	April 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 METHOD: Analytic	BY	D. Norman	Oct 1976
	LANDMARKS AND AIDS BY		
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat	PLOTTED BY	S. Solbeck	Oct 1976
	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. Battley, Jr.	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	May 1979
7. COMPILATION SECTION REVIEW	BY	C. Goff	May 1979
8. FINAL REVIEW	BY	L. O. Neterer, Jr.	July 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-00614

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

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

TIDE STAGE REFERENCE
- ☐ PREDICTED TIDES
- ☒ REFERENCE STATION RECORDS
- ☐ TIDE CONTROLLED PHOTOGRAPHY

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

TIME REFERENCE
- ZONE: Yukon — ☒ STANDARD
- MERIDIAN: 130°W — ☐ DAYLIGHT

	NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
*	75 C(C) 7320 and 7321	Aug.4,1975	13:10	1:60,000	5.7 ft. above MLLW
**	75 C(C) 7352 thru 7355	Aug.4,1975	13:46	1:60,000	5.05 ft. above MLLW

REMARKS

*Ratio photographs prepared for hydro support.

2. SOURCE OF MEAN HIGH-WATER LINE:

**B-8 stereo models of the photography indicated above was used to compile 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
None	TP-00615	TP-00617, TP-00618	None

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

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	None	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	N.A.	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY		

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED: Premarking

2. VERTICAL CONTROL IDENTIFIED: None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
75C(c)7353	BLITZ, 1974 R M 1		

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 [ ] 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 Form 152 CSI 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-00614

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION ☒ FIELD EDIT OPERATION

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		C. Hayes, CDR, NOAA	Sept 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	Sept 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)*

None

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 Field Edit Ozalid, One 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-00614

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Shoreline & alongshore features for hydro support	Jan.1977	Class III Manuscript control adequate		Mar. 1977
Comparison with Chart 16761	Mar. 1977	Class III copy sent to charts for revision of shoreline features	Mar. 1977	
Field Edit applied; compilation complete	May 1979	Class I Manuscript	Jun. 1979	
Final Review	Jul 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. xx☒ BRIDGING PHOTOGRAPHS; xx☒ DUPLICATE BRIDGING REPORT; xx☒ COMPUTER READOUTS.
2. xx☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS. xxx SUBMITTED BY FIELD PARTIES.
3. xx☒ SOURCE DATA *(except for Geographic Names Report)* AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:

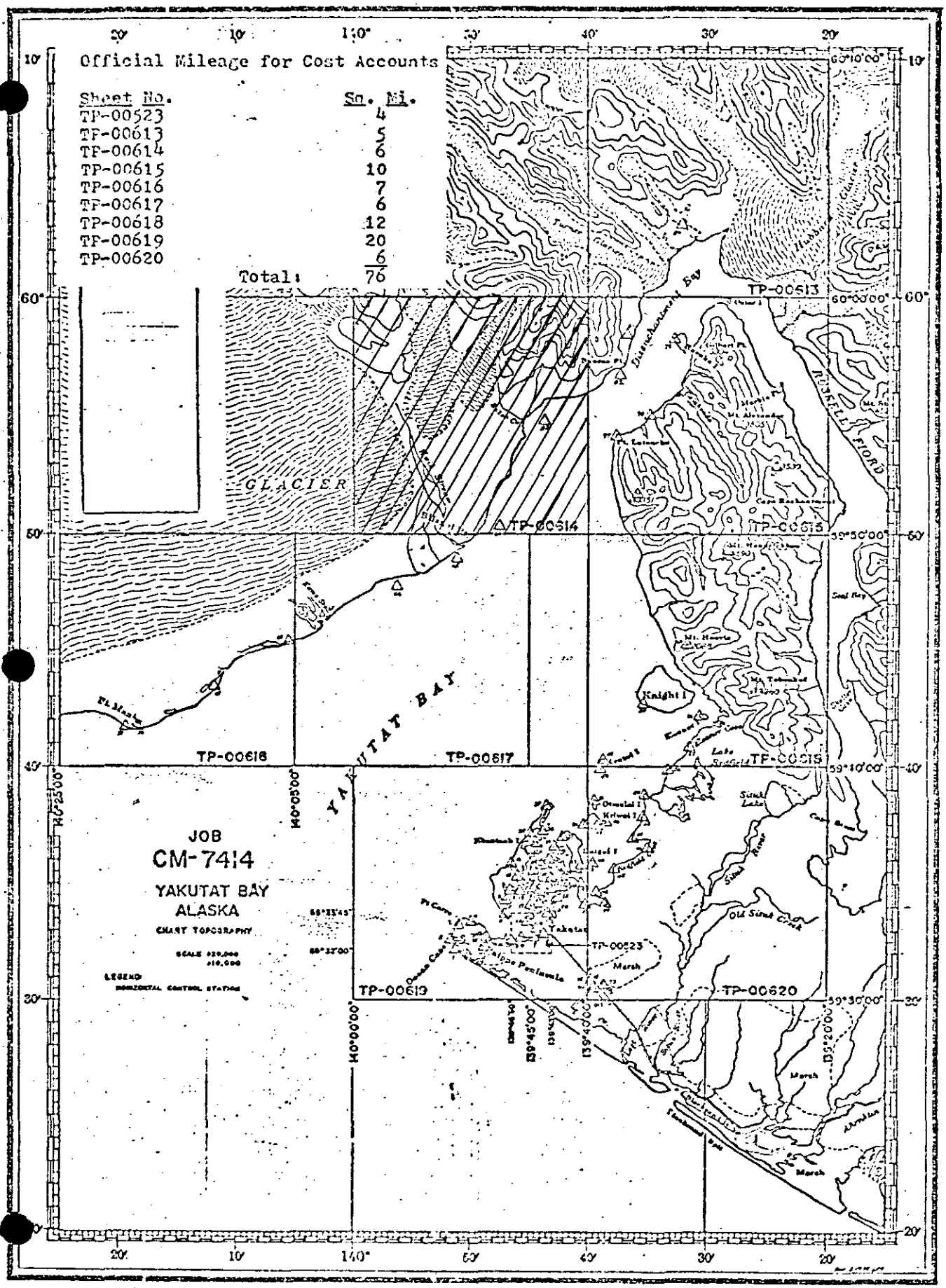
76-40

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

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



8402

Rev. 2-17-75

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00614

This 1:20,000 scale shoreline map is one of nine maps that comprise Project CM-7414.

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 indentification 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 for final registration.

FIELD INSPECTION

CM-7414

TP-00614

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

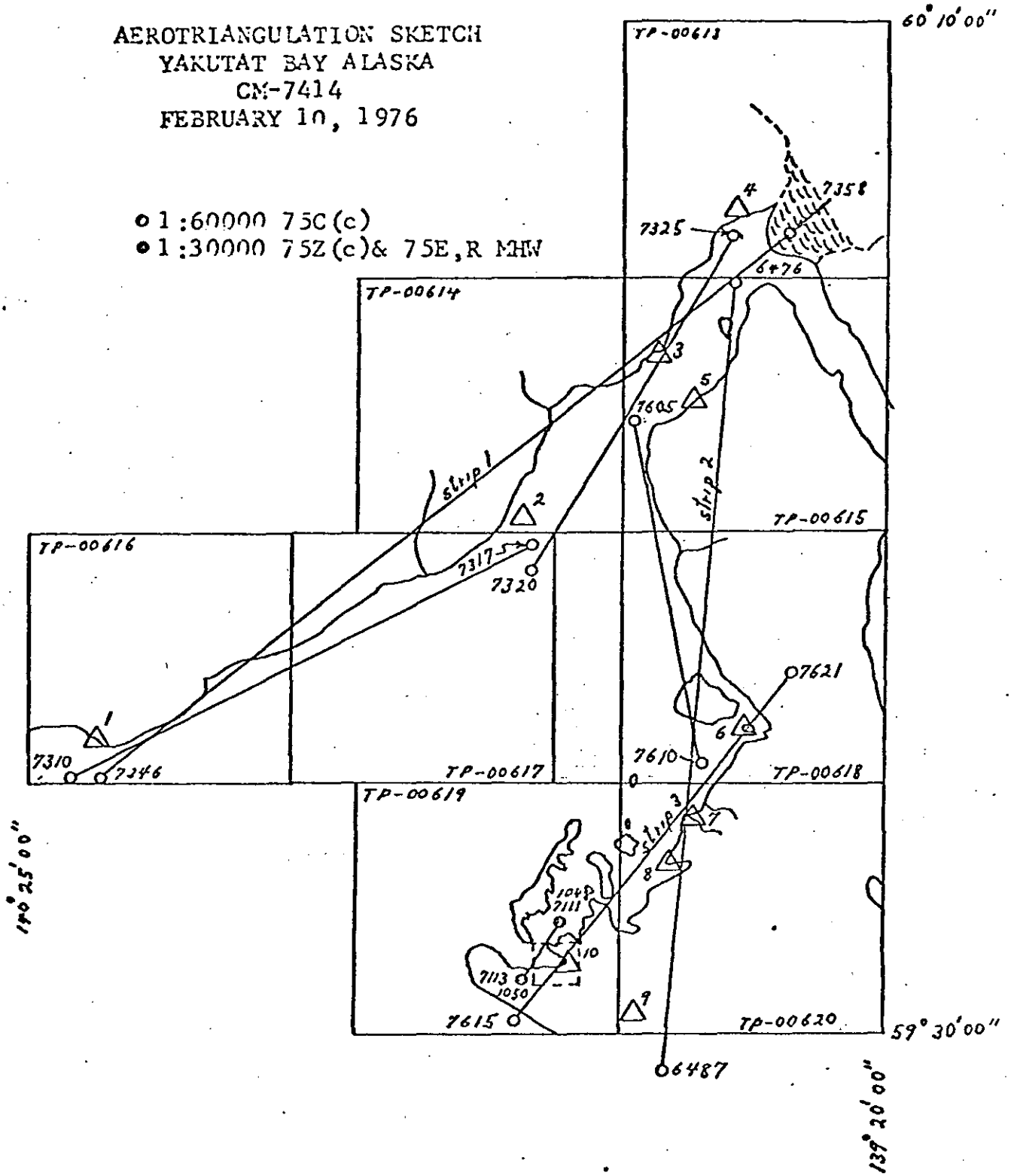
Approved by:

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-00614	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
Bliz, 1974	Unadjusted Field Pos.	353100	x= / y=	φ 59° 50' 13.080" / λ 139° 47' 01.979"
Esker, 1974	Unadjusted Field Pos.	000083	x= / y=	φ 59° 54' 49.121" / λ 139° 43' 34.882"
			x= / y=	φ / λ
			x= / y=	φ / λ
			x= / y=	φ / λ
			x= / y=	φ / λ
			x= / y=	φ / λ
			x= / y=	φ / λ
			x= / y=	φ / λ
			x= / y=	φ / λ

COMPUTED BY		DATE	COMPUTATION CHECKED BY	DATE
LISTED BY G. Morris		DATE Jan. 1979	LISTING CHECKED BY C. Goff	DATE May 1979
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-00614
February 1977

31. Delineation

The MHW lines, 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.

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 shallow areas bordering the MHWL.

36. Offshore Details

None.

37. Landmarks and Aids

None.

38. Control for Future Surveys

None.

39. Junctions

Junctions with TP-00615, TP-00617, and TP-00618.

40. Horizontal and Vertical Accuracy

This map complies with the National Map Accuracy Standards.

41 through 45. Not applicable.

46. Comparison with Existing Maps

Comparison was made with the following USGS quads:

(D-5) Yakutat, Alaska, 1959; 1:63,360 scale
Yakutat, Alaska-Canada, 1959; 1:250,000 scale

47. Comparison with Existing Charts

Comparison was made with the following nautical charts:

16016 (8002) 13th Edition, June 28, 1975 - 1:969,756
16760 (8402) 5th Edition, October 2, 1976 - 1:300,000
16761 (8455) 11th Edition, August 28, 1976 - 1:80,000

Items to be Applied to Nautical Charts Immediately - None

Items to be Carried Forward - None

Submitted by:

Lucille G. Manko

Lucille G. Manko
Cartographic-Technician

Approved and Forwarded:

Jeter P. Battley Jr

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

OCT 2 1985

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7414 (Yakutat Bay, Alaska)

TP-00614

Blizhni Point

Esker Stream

Grand Wash River

Strawberry Island

Yakutat Bay

Approved:

Charles E. Harrington

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

FIELD EDIT REPORT
TP-00614
Yakutat Bay, Alaska
OPR-0121-DA-78
NOAA Ship DAVIDSON, S-331
1978

51 METHODS

Field edit on manuscript TP-00614 was accomplished in accordance with project instructions OPR-0121-DA-78, Yakutat Bay, Alaska dated 13 March, 1978, and with Chapter 11, Manual of Coastal Mapping Field Procedures. The shoreline was scanned by launches working close inshore during work on Hydorgraphic Sheets H-9778 and H-9779.

Data is recorded on the MYLAR Field Edit Sheet using standard ink colors as per PMC OPORDER Change No. 2-77, dated 23 March, 1977.

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 shoal limits derived from soundings on H-9778 and H-9779 are indexed on the MYLAR 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 at this reporting, though it should be noted that the shoreline is mostly sand and subject to frequent change.

54 RECOMMENDATIONS

This manuscript should be considered complete with corrections compiled from this field edit and from the hydro-

graphy on H-9978 and H-9979. Pertinent tides data is appended.

Submitted by:

Ellen McDougal

Ellen McDougal
ENS, NOAA

Approved and Forwarded by:

C. William Hayes

C. William Hayes
CDR, NOAA
Commanding Officer

REVIEW REPORT
SHORELINE

TP-00614

61 - GENERAL STATEMENT

See Summary included with this report.

The shoreline on this map is subject to continual change. This is due to glacial drainage and deposits. No glacial ice front is part of the Mean High Water Line. A fast shoreline is shown to indicate where the photointerpretated Mean High Water Line was at the time of photography.

62 - COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Not applicable.

63 - COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with U.S.G.S. quadrangle: YAKUTAT (D-5), Alaska, 1:63,360 scale, dated 1959.

64 - COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

A comparison was made with the advance copy of H-9778, 1:20,000 scale, dated October 19, 1979.

65 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with NOS 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, Photogramemtric Section,
Rockville

Ronald 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
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
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			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.

FORM C&GS-8352 SUPERSEDES ALL EDITIONS OF FORM C&GS-975.