

TP-00476

TP-00476

NOAA FORM 76-35

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

DESCRIPTIVE REPORT

Type of Survey Shoreline Map
Job No. CM-7710 Map No. TP-00476
Classification No. Final Edition No. 1

LOCALITY

State Alaska
General Locality Port Valdez
Locality Valdez Marine Terminal

July 1977 TO Nov 1979

REGISTRY IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.					
DESCRIPTIVE REPORT - DATA RECORD		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED </td> <td style="width: 50%;"> SURVEY TP. <u>00176</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB <u>PH-CM-7710</u> </td> </tr> </table>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	SURVEY TP. <u>00176</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB <u>PH-CM-7710</u>		
TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	SURVEY TP. <u>00176</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB <u>PH-CM-7710</u>						
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, Rockville, Md. OFFICER-IN-CHARGE Cdr. James Collins		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">LAST PRECEDING MAP EDITION</th> </tr> <tr> <td style="width: 50%;"> TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED </td> <td style="width: 50%;"> JOB <u>PH-</u> MAP CLASS <u></u> SURVEY DATES: 19 <u></u> TO 19 <u></u> </td> </tr> </table>		LAST PRECEDING MAP EDITION		TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	JOB <u>PH-</u> MAP CLASS <u></u> SURVEY DATES: 19 <u></u> TO 19 <u></u>
LAST PRECEDING MAP EDITION							
TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	JOB <u>PH-</u> MAP CLASS <u></u> SURVEY DATES: 19 <u></u> TO 19 <u></u>						
I. INSTRUCTIONS DATED							
1. OFFICE		2. FIELD					
Aerotriangulation Office October 26, 1977 October 27, 1977		Field April 20, 1977 Field (Supplement 1) May 9, 1977 Photography May 10, 1977					
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) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">STATE <u>Alaska</u></td> <td style="width: 50%;">ZONE <u>3</u></td> </tr> </table>		STATE <u>Alaska</u>	ZONE <u>3</u>		
STATE <u>Alaska</u>	ZONE <u>3</u>						
5. SCALE <u>1:10,000</u>		STATE <u></u> ZONE <u></u>					
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS		NAME	DATE				
1. AEROTRIANGULATION METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY		<u>B. Thorton</u> <u>N/A</u>	<u>Nov. 1977</u> <u></u>				
2. CONTROL AND BRIDGE POINTS METHOD: <u>Coradomat</u> PLOTTED BY CHECKED BY		<u>S. Solbeck</u> <u>N/A</u>	<u>Nov. 1977</u> <u></u>				
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: <u>Zeiss C100</u> SCALE: <u>1:15,000</u>		PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY	<u>J. McNamara</u> <u>B. Dormier</u> <u>N/A</u> <u>N/A</u>				
4. MANUSCRIPT DELINEATION METHOD: <u>Smooth Draft</u> SCALE: <u>1:10,000</u>		PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY HYDRO SUPPORT DATA BY CHECKED BY	<u>J. McNamara</u> <u>B. Dormier</u> <u>N/A</u> <u>N/A</u> <u>N/A</u> <u>N/A</u>				
5. OFFICE INSPECTION PRIOR TO FIELD EDIT		BY <u>R. Kornspan</u>	<u>Dec. 1977</u>				
6. APPLICATION OF FIELD EDIT DATA		BY <u>J. Minton</u> CHECKED BY <u>J. Massey</u>	<u>Nov. 1979</u> <u>Nov. 1979</u>				
7. COMPILATION SECTION REVIEW		BY <u>A. L. Shands</u>	<u>Feb. 1980</u>				
8. FINAL REVIEW		BY <u>A. L. Shands</u>	<u>Feb. 1980</u>				
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH		BY <u>A. L. Shands</u>	<u>Feb. 1980</u>				
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH		BY <u>E. L. Rolle</u>	<u>April 1980</u>				
11. MAP REGISTERED - COASTAL SURVEY SECTION		BY <u>E. L. DAUGHTERY</u>	<u>JUN 1980</u>				

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

COMPILATION SOURCES

TP-00476

1. COMPILATION PHOTOGRAPHY

CAMERA(S) RC-8(E)		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Alaska	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				MERIDIAN 150°W.	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
77E(P)1826 thru 1828	July 16, 1977	11:53	1:30,000	10.1 ft above MLLW	

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was compiled on a Zeiss C100 from the photography itemized above.

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

No mean lower low water 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 *
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REMARKS

* No junctions to be made. TP-00476 is the only map in project
CM-7710

TP-00746

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. B. Melby	06/17/77
2. HORIZONTAL CONTROL	RECOVERED BY L. L. Riggers	06/17/77
	ESTABLISHED BY R. B. Melby	06/17/77
	PRE-MARKED OR IDENTIFIED BY L. L. Riggers	06/17/77
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 D. W. Crawford	08/20/77
	IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input checked="" type="checkbox"/> SPECIFIC NAMES ONLY <input type="checkbox"/> NO INVESTIGATION BY R. B. Melby	06/17/77
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

NONE

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
77E(P)1822	PELLEW, 1947		
77E(P)1823	VISIT, 1947		
77E(P)1826	SAW, 1901		
77E(P)1828	POWER, 1941		
77E(P)1829	VAL, 1977		

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)

5 forms 76-53, Control Station Identification

TP-00476

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. B. Melby	07/16/79
2. HORIZONTAL CONTROL	RECOVERED BY L. L. Riggers	07/16/79
	ESTABLISHED BY R. B. Melby	07/16/79
	PRE-MARKED OR IDENTIFIED BY None	
3. VERTICAL CONTROL	RECOVERED BY N/A	
	ESTABLISHED BY N/A	
	PRE-MARKED OR IDENTIFIED BY N/A	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY L. L. Riggers	07/16/79
	LOCATED (Field Methods) BY R. B. Melby	07/16/79
	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 None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY None	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

N/A

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

77E(P)1827

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 film Descrepency Ozalid with field annotations,
One field edit report with four forms 76-40 attached

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

TP-00476

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	Dec. 16, 1977	Class III Manuscript	Dec. 23, 1977	None
Field edit applied, compilation complete	Nov. 7, 1979	Class I Manuscript	Nov. 19, 1979	None
Final Review	Feb, 1980	Final Map	April, Feb, 1980	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
3	1380	July 29, 1977	Forms 76-40
1		Nov. 13, 1979	Form 76-40 for 6 aids to be charted
1		Nov. 13, 1979	Form 76-40 for 7 aids to be revised
1		Nov. 13, 1979	Form 76-40 for 1 aid to be deleted
1		Nov. 13, 1979	Form 76-40 for 2 landmarks to be charted

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

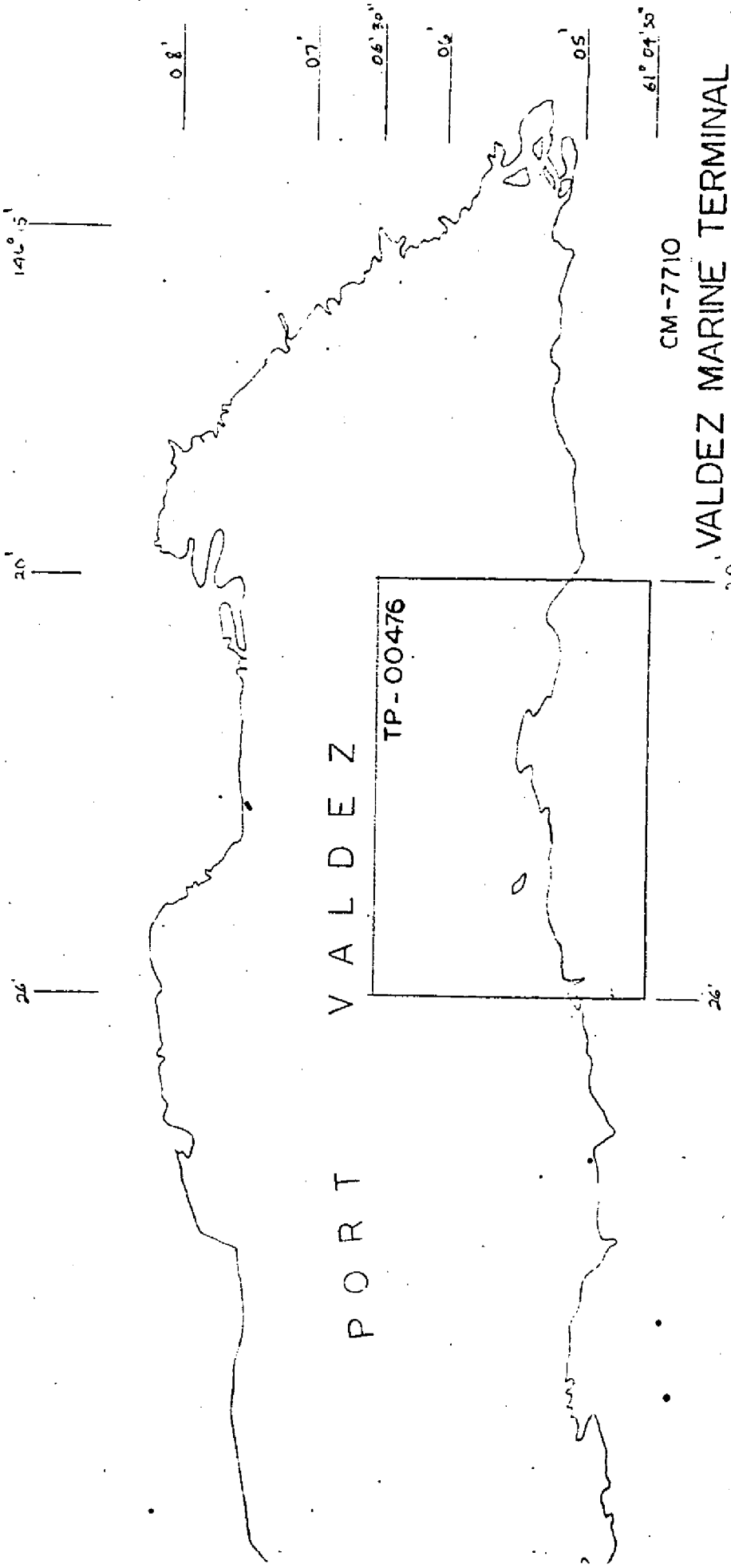
III. FEDERAL RECORDS CENTER DATA

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)

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



P O R T
V A L D E Z

TP-00476

CM-7710
VALDEZ MARINE TERMINAL
ALASKA

10,000 SCALE

SUMMARY TO ACCOMPANY MAP TP-00476

See the review report page ³³~~15~~ of this Descriptive Report.

Field Inspection

TP-00476

Field inspection was limited to the specific geographic names investigation and the recovery, identification and establishment of horizontal control for bridging.

GEOGRAPHIC NAMES REPORT

Port Valdez, Alaska

Project CM-7710 June 1977

R. B. Melby
Chief of Party

LIST OF CONTENTS

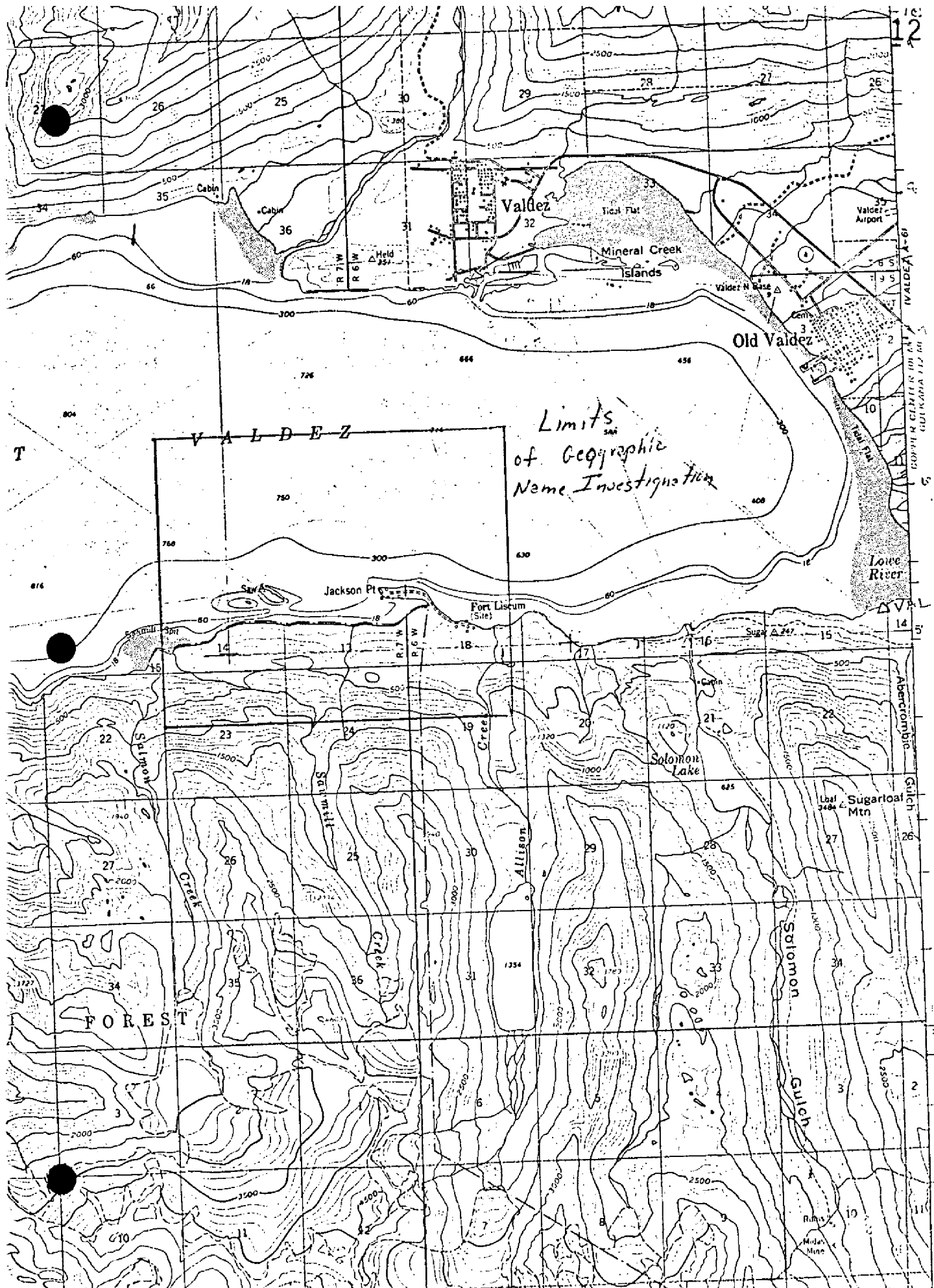
	<u>Page</u>
Preface.....	1
Sketch Showing Limits of Investigation.....	2
Key to Symbols.....	3
List of Local Residents Consulted..	4
List of Published Sources Consulted.....	5
Undisputed Base Map Names.....	6
Disputed Base Map Names... ..	7
Undisputed New Names.	8
Disputed New Names.....	9

PREFACE

Geographic Names discussed in this report were investigated in compliance with project instructions CM-7710, supplement 1 dated May 9, 1977.

All inquiries on the preliminary name sheet were investigated in the field to determine their authenticity. The questions were answered on the preliminary names sheet in red ink. All disputed or conflicting names as determined in the field are discussed in the body of this report. No name could be found for the small stream that is located midway between Sawmill Creek and Allison Creek.

The U.S.G.S. Quadrangle Map, Valdez (A-7) was used as the preliminary names sheet. This was furnished by the Geographic Names Section. If a name was not on the preliminary names sheet, it was considered a new name.



Page 3

KEY TO SYMBOLS

All published sources have been designated by a Roman numeral. Each local resident has been designated by an Arabic number.

LIST OF LOCAL RESIDENTS CONSULTED

Symbol

1. Mrs. Dorothy Clifton Resident: 60 years
 Address: Box 6
 Valdez Alaska 99686
 Occupation: Magistrate

Mrs. Clifton is or has been the president of the Valdez Historical Society. She was very helpful on the historical information.

2. Mr. Tom McAlaster Resident: 18 years
 Address: Box 814
 Valdez Alaska 99686
 Occupation: Fire Marshall

Mr. McAlaster has been a fisherman. He knows quite a lot of local history and was quite familiar with place names.

3. Mr. John L. Cerutti Resident: 22 years
 Address: Box 307
 Valdez Alaska 99686
 Occupation: City Engineer

Mr. Cerutti gave me a copy of the official city of Valdez Boundary Map.

4. Capt. Fisker Resident: 4 years
 Address: Alyeska Terminal
 Valdez Alaska 99686
 Occupation: Marine Superintendent

Mr. Fisker had in his possession, Alyeska plans and maps of the terminal site. These were searched for new names.

LIST OF PUBLISHED SOURCES CONSULTED

Symbol

- I U.S.G.S. Quadrangle Map, Valdez (A-7) Alaska
- II Dictionary of Alaska Place Names, 1967 Edition
- III N.O.S. Chart 16708
- IV Valdez & Vicinity Map (By City of Valdez)

LIST OF UNDISPUTED BASE MAP NAMES

Allison Creek 1, 2, 3, 4, I, II, IV

A charted name in undisputed local usage. This creek flows in a northerly direction and empties into Port Valdez 1 mile east of Jackson Point.

Fort Lisum (site) 1, 2, 3, 4, I, II, IV

This old U.S. Army Fort was located on the south side of Port Valdez about 1/2 mile east of Jackson Point. An inquiry on the preliminary names sheet asks if this fort still exists. The fort was abandoned in 1922 and there is very little trace left today. I recommend that the name be retained because of its historical significance.

Jackson Point 1, 2, 3, 4, I, II, III, IV

A charted name in undisputed local usage. This point is on the south side of Port Valdez about 2 miles east of the mouth of Sawmill Creek.

Sawmill Creek 1, 2, 3, 4, I, II, III, IV

A charted name in undisputed local usage. This creek flows in a northerly direction and empties into Port Valdez 2 miles west of Jackson Point.

Sawmill Spit 1, 2, 3, 4, I, II, IV

A charted name in undisputed local usage. This shoal area is on the south side of Port Valdez about 2 miles west of Jackson Point and at the mouth of Sawmill Creek.

Page 7

LIST OF DISPUTED BASE MAP NAMES

There are no disputed base map names in this report.

page 8

LIST OF UNDISPUTED NEW NAMES

Saw Island 1, 2, 3, 4, III

A new name in undisputed local usage. This island is located on the south side of Port Valdez 1 mile west of Jackson Point. It probably gets its name from the U.S.C.&G.S. control station by the same name that is on this Island.

Page 9

LIST OF DISPUTED NEW NAMES

Dayville 1, 2, 3, 4, II

On the preliminary names sheet, it suggests the area located midway between the mouths of Sawmill Creek and Allison Creek is called by the above name. The Day family homesteaded this area and they even had a cannery and store on Jackson Point. At that time it was called Dayville. The land was purchased by the Alyeska Co. and it is now the receiving station for the Alaska Pipeline. It is called Valdez Marine Terminal. (It seems odd that the B.G.N. would make a decision like this when the terminal over-shadows everything else.)

I recommend that this area be charted with the name Valdez Marine Terminal and the name Dayville not be adopted. See Valdez Marine Terminal.

Seal Island

The above name appears on a C. of E. permit to the Alyeska Co. for the name of a very small island located in Port Valdez, 3/4 mile east-northeast of the mouth of Sawmill Creek. No other confirmation could be found for this name. Since the island is really nothing more than a large rock and there are numerous other Seal Islands in the Prince William Sound Area, I recommend that it not be adopted.

Valdez Marine Terminal 1, 2, 3, 4, *Official Name*

The above name is the official name for the Alaska Oil Pipeline terminal in the Valdez area.

The preliminary names sheet says that the B.G.N. called this area Dayville in 1975. Because the Day family sold their homestead to the Alyeska people and now the area is occupied by a large oil tank farm, I recommend that the name Dayville not be adopted and that this area be charted as Valdez Marine Terminal.

Approved:

R.B. Melby
Supervisory Survey Technician

Respectfully submitted:

Lyle L. Riggers
Survey Technician

Photogrammetric Plot Report
Port Valdez, Alaska
CM-7710
November 3, 1977

Area Covered

The area covered by this report is the southern shoreline of Port Valdez, Alaska. This area is covered by one 1:10,000-scale sheet, TP-00476, and two 1:20,000-scale sheets, T-12655, T-12656.

Method

One strip of 1:30,000-scale B&W photography was bridged by analytic aerotriangulation methods. The bridging strip was controlled by field-identified control including an office-identified station. The points read on the bridging strip are more than adequate for compilation purposes.

Adequacy of Control

Control checked well within map accuracy standards and is more than sufficient for its intended use. See attached sheet for accuracy of control in strip adjustment.

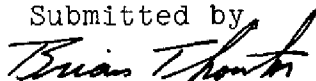
Supplemental Data

USGS quadrangles were used to provide vertical control for the adjustment.

Photography

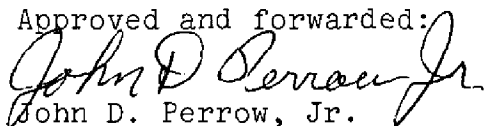
The coverage, overlap, and quality of the photography was adequate for the job.

Submitted by



Brian F. Thorton

Approved and forwarded:



John D. Perrow, Jr.
Chief, Aerotriangulation Section

Note to the Compiler

When reading point 823100, the panel is the North West white spot of the three shown. The CSI card sketch is in error, in that there are only two legs to the panel.

Point 827999 appears to be some form of a platform. It is located on model ~~827-828~~.

Relief displacement did not allow point 828320 to be read in one model. To ~~eleviate~~ ^{elevate} this problem, I read the 828321 again, calling it 828320 (so don't be surprised when the 828320 point has a blue leader line).

List and Accuracy of
Control Used in Adjustment

Point #	X-Error	Y-Error
821100	0.260	-0.117
822101	-0.443	-0.082
823100	0.061	0.536
826100	0.247	-0.641
828101	-0.410	0.954
829100	0.094	-0.317

DESCRIPTIVE REPORT CONTROL RECORD

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

MAP NO.	STATION NAME	JOB NO.	GEODEIC DATUM		ORIGINATING ACTIVITY	
			TP-000476	CM-7710	COORDINATES IN FEET STATE Alaska ZONE 3	N.A. 1927
		SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE		
PORT VALDEZ BERTH 1 EAST LIGHT, 1977	Prelim. Adj. Field Pos.			φ 61° 05' 22.329"	λ 146° 21' 48.148"	691.2m (1166.1m)
						721.6m (1177.7m)
PORT VALDEZ BERTH 1 DOCK OPERATORS BUILDING LIGHT, 1977	Prelim. Adj. Field Pos.			φ 61° 05' 25.706"	λ 146° 22' 00.493"	795.7m (1061.6m)
						7.4m (891.9m)
PORT VALDEZ BERTH 1 WEST LIGHT, 1977	Prelim. Adj. Field Pos.			φ 61° 05' 26.024"	λ 146° 22' 11.816"	805.5m (1051.8m)
						177.1m (722.2m)
PORT VALDEZ BERTH 3 E. LT., 1979	Prelim. Adj. Field Pos.			φ 61° 05' 26.664"	λ 146° 22' 43.344"	825.4m (1031.9m)
						649.6m (249.7m)
PORT VALDEZ BERTH 3 LT., 1979	Prelim. Adj. Field Pos.			φ 61° 05' 24.969"	λ 146° 22' 55.239"	772.9m (1084.4m)
						827.9m (71.4m)
PORT VALDEZ BERTH 3 W. LT., 1979	Prelim. Adj. Field Pos.			φ 61° 05' 21.290"	λ 146° 23' 02.134"	659.0m (1198.3m)
						32.0m (867.3m)
PORT VALDEZ BERTH 4 E. LT., 1979	Prelim. Adj. Field Pos.			φ 61° 05' 19.411"	λ 146° 23' 23.385"	600.8m (1256.5m)
						350.5m (548.8m)
PORT VALDEZ BERTH 4 LT., 1979	Prelim. Adj. Field Pos.			φ 61° 05' 21.991"	λ 146° 23' 38.801"	680.7m (1176.6m)
						581.5m (317.8m)
PORT VALDEZ BERTH 4 W. LT., 1979	Prelim. Adj. Field Pos.			φ 61° 05' 22.350"	λ 146° 23' 53.029"	691.8m (1165.5m)
						794.8m (104.5m)
PORT VALDEZ BERTH 5 EAST LIGHT, 1977	Prelim. Adj. Field Pos.			φ 61° 05' 22.644"	λ 146° 23' 56.883"	700.9m (1156.4m)
						852.6m (46.7m)
COMPUTED BY	DATE	COMPUTATION CHECKED BY		DATE		
LISTED BY J. R. Minton	10/08/79	LISTING CHECKED BY J. W. Massey		DATE 11/10/79		
HAND PLOTTING BY J. R. Minton	11/08/79	HAND PLOTTING CHECKED BY J. W. Massey		DATE 11/10/79		

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

DESCRIPTIVE REPORT CONTROL RECORD

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

MAP NO.		JOB NO.		GEODEIC DATUM		ORIGINATING ACTIVITY		REMARKS
TP-00476		CM-7710		N.A. 1927		Photogrammetric Br., PNC, Seattle		
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION			
			STATE	ZONE	ϕ LATITUDE	λ LONGITUDE		
PORT VALDEZ BERTH 5 LIGHT ON DOCK OPERATORS BUILDING, 1977	Prelim. Adj. Field Pos.		x=	428,848.223	ϕ 61° 05' 26.063"		806.8m (1050.5m)	
			y=	2,590,776.096	λ 146° 24' 07.151"		107.2m (792.1m)	
PORT VALDEZ BERTH 5 W. LT., 1979	Prelim. Adj. Field Pos.		x=	428,179.849	ϕ 61° 05' 27.464"		850.1m (1007.2m)	
			y=	2,590,922.493	λ 146° 24' 20.763"		311.2m (588.1m)	
PORT VALDEZ BREAKWATER LIGHT, 1977	Prelim. Adj. Field Pos.		x=	431,122.212	ϕ 61° 05' 15.058"		466.1m (1391.2m)	
			y=	2,589,644.840	λ 146° 23' 20.765"		311.2m (588.2m)	
SAW, 1901	611462	826100	x=	427,769.68	ϕ 61° 05' 26.700"		826.5m (1030.8m)	
			y=	2,590,847.49	λ 146° 24' 29.096"		436.1m (463.2m)	
VALDEZ ALYESKA TERMINAL MICROWAVE TOWER, 1977	Prelim. Adj. Field Pos.	27	x=	430,537.932	ϕ 61° 05' 06.126"		189.6m (1667.7m)	
			y=	2,588,741.321	λ 146° 23' 32.537"		487.7m (411.7m)	
VALDEZ ALYESKA TERMINAL STACK, 1977	Prelim. Adj. Field Pos.	26	x=	431,082.994	ϕ 61° 04' 55.550"		1719.5m (137.8m)	
			y=	2,587,664.118	λ 146° 23' 21.323"		319.7m (579.8m)	
			x=		ϕ			
			y=		λ			
			x=		ϕ			
			y=		λ			
			x=		ϕ			
			y=		λ			
			x=		ϕ			
			y=		λ			
COMPUTED BY		DATE	COMPUTATION CHECKED BY			DATE		
LISTED BY	J. R. Minton	DATE	LISTING CHECKED BY		J. W. Massey	DATE	11/10/79	
HAND PLOTTING BY	J. R. Minton	DATE	HAND PLOTTING CHECKED BY		J. W. Massey	DATE	11/10/79	

TP-00476
COMPILATION REPORT

31. Delineation

This map was compiled on the Zeiss C-100 analytic plotter from 1:30,000 scale panchromatic photography.

32. Control

Refer to the Photogrammetric Plot Report bound with this Descriptive Report.

The identification, density, and placement of horizontal and vertical control was adequate.

33. Supplemental Data

None

34. Contours and Drainage

All drainage is from office interpretation of the panchromatic photography.

35. Shoreline and Alongshore Details

The MHW line was compiled from office interpretation of the 1977 panchromatic photography.

36. Offshore Details

No unusual problems were encountered in compiling details offshore.

37. Landmarks and Aids

Refer to the 76-40 forms prepared for those landmarks and aids identified on the compilation photography.

It is to be noted that the positions of fixed aids on forms 567 have proved to be in error. During bridging, these aids were repositioned photogrammetrically, and are now considered to meet National Map Accuracy Standards.

38. Control for Future Surveys

No form 524 submitted.

39. Junctions

A.L.S.

Refer to form 76-36B, item # 5, submitted with this Descriptive Report.

40. Horizontal and Vertical Accuracy

~~No statement required.~~ A.L.S. ~~ELR~~

~~This map complies with the National Map Accuracy Standards.~~

41. thru 45. Inapplicable

46. Comparison with Existing Maps

A comparison has been made with the following USGS quadrangles:

Valdez, A-7, scale 1:63,360, 1960 Edition

A.L.S.

~~Valdez, A-6, scale 1:63,360, 1950 Edition~~

47. Comparison with Nautical Charts

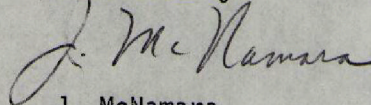
A comparison has been made with the following nautical charts:

16708 (formerly 8519), scale 1:79,291, 14th Edition, dated Dec. 1976.

Items to be applied to nautical charts immediately - None

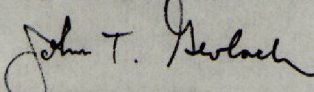
Items to be carried forward - None

Submitted by:



J. McNamara

Approved and Forwarded:



John T. Gerlach
Chief, Cartographic Revision Section

ADDENDUM TO COMPILATION REPORT

Model 77 E(P)1826-27 was set on the B-8 stereoplotter during final review. As a result, several buildings and tanks were re-positioned. Also, positions were redetermined for a bare rock and three tanks which the field editor had indicated were out of position on the Class III Map.

2/25/80

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7710 (Port Valdez, Alaska)

TP-00476

Allison Creek

Jackson Point

Port Valdez

Saw Island

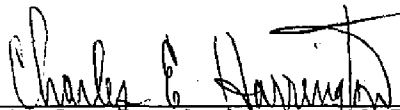
Sawmill Creek

Sawmill Spit

Valdez Marine Terminal

Fort Lisicum

Approved by:


Charles E. Harrington, C3x5
Chief Geographer

NOAA FORM 75-74 (7-75)		U.S. DEPARTMENT OF COMMERCE NOAA NATIONAL OCEAN SURVEY	
PHOTOGRAMMETRIC OFFICE REVIEW			
TP - 00476			
1. PROJECTION AND GRIDS RSK	2. TITLE RSK	3. MANUSCRIPT NUMBERS RSK	4. MANUSCRIPT SIZE RSK
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY RSK	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) N A		7. PHOTO HYDRO STATIONS N A
8. BENCH MARKS N A	9. PLOTTING OF SEXTANT FIXES N A	10. PHOTOGRAMMETRIC PLOT REPORT RSK	11. DETAIL POINTS N A
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE RSK	13. LOW-WATER LINE N A	14. ROCKS, SHOALS, ETC. RSK	15. BRIDGES RSK
16. AIDS TO NAVIGATION RSK	17. LANDMARKS RSK	18. OTHER ALONGSHORE PHYSICAL FEATURES RSK	19. OTHER ALONGSHORE CULTURAL FEATURES RSK
PHYSICAL FEATURES			
20. WATER FEATURES RSK		21. NATURAL GROUND COVER N A	22. PLANETABLE CONTOURS N A
23. STEREOSCOPIC INSTRUMENT CONTOURS N A	24. CONTOURS IN GENERAL N A	25. SPOT ELEVATIONS N A	26. OTHER PHYSICAL FEATURES RSK
CULTURAL FEATURES			
27. ROADS RSK	28. BUILDINGS RSK	29. RAILROADS RSK	30. OTHER CULTURAL FEATURES RSK
BOUNDARIES			
31. BOUNDARY LINES N A		32. PUBLIC LAND LINES N A	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES RSK		34. JUNCTIONS RSK	35. LEGIBILITY OF THE MANUSCRIPT RSK
36. DISCREPANCY OVERLAY RSK	37. DESCRIPTIVE REPORT RSK	38. FIELD INSPECTION PHOTOGRAPHS N A	39. FORMS RSK
40. REVIEWER Robert S. Kornspan		SUPERVISOR, REVIEW SECTION OR UNIT John T. Gerlach	
41. REMARKS (See attached sheet)			
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT			
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.			
COMPILER James R. Minton 11/09/79		SUPERVISOR James W. Massey	
Reviewer James W. Massey 11/10/79			
43. REMARKS All field edit modifications were accomplished from data itemized on form 76-360, Field Edit, part II, section 8.			

[illegible]

Original to Marine Charts 11/13/79

NOAA FORM 76-40 (8-74) Replaces C&GS Form 567.		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION				NONFLOATING AIDS FOR CHARTS				ORIGINATING ACTIVITY			
<input type="checkbox"/> TO BE CHARTED <input checked="" type="checkbox"/> TO BE REVISED <input type="checkbox"/> TO BE DELETED		REPORTING UNIT (Field Party, Ship or Office) Photogrammetric Branch PMG, Seattle, Wa.		STATE Alaska		LOCALITY Port Valdez		DATE 11/07/79		<input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> PHOTO FIELD PARTY <input checked="" type="checkbox"/> COMPILATION ACTIVITY <input type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW GRP. <input type="checkbox"/> COAST PILOT BRANCH (See reverse for responsible personnel)			
The following objects HAVE <input checked="" type="checkbox"/> BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.		JOB NUMBER CM-7710		SURVEY NUMBER TP-00476		DATUM N. A. 1927		METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED			
CHARTING NAME	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses.)	LATITUDE		LONGITUDE		OFFICE	FIELD	CHARTS AFFECTED					
		D.M. Meters	D.P. Meters	D.M. Meters	D.P. Meters								
LIGHT	Port Valdez Berth 5 West Light (PORT VALDEZ BERTH 5 W LT, 1979 (Field Position)) Privately Maintained	61 05	27.464	146 24	20.763		F-2-6-L 07/16/79	16707					
LIGHT	Port Valdez Berth 4 West Light (PORT VALDEZ BERTH 4 W LT, 1979 (Field Position)) Privately Maintained	61 05	22.350	146 23	53.029		F-2-6-L 07/16/79	16707					
LIGHT	Port Valdez Berth 4 Light (PORT VALDEZ BERTH 4 LT, 1979 (Field Position)) Privately Maintained	61 05	21.991	146 23	38.801		F-2-6-L 07/16/79	16707					
LIGHT	Port Valdez Berth 4 East Light (PORT VALDEZ BERTH 4 E LT, 1979 (Field Position)) Privately Maintained	61 05	19.411	146 23	23.385		F-2-6-L 07/16/79	16707					
LIGHT	Port Valdez Berth 3 West Light (PORT VALDEZ BERTH 3 W LT, 1979 (Field Position)) Privately Maintained	61 05	21.290	146 23	02.134		F-2-6-L 07/16/79	16707					
LIGHT	Port Valdez Berth 3 Light (PORT VALDEZ BERTH 3 LT, 1979 (Field Position)) Privately Maintained	61 05	24.969	146 22	55.239		F-2-6-L 07/16/79	16707					
LIGHT	Port Valdez Berth 3 East Light (PORT VALDEZ BERTH 3 E LT, 1979 (Field Position)) Privately Maintained	61 05	26.664	146 22	43.344		F-2-6-L 07/16/79	16707					
	Port Valdez Berth 3 East Light (PORT VALDEZ BERTH 3 E LT, 1979 (Field Position)) Privately Maintained		825.4		649.6								

FIELD EDIT REPORT
CHART TOPOGRAPHY
VALDEZ MARINE TERMINAL
July 1979
Map Manuscript TP-00476

This report covers the portion along the south shore of Port Valdez occupied by the Valdez Marine Terminal. The terminal is the southern terminus of the Alaska Pipeline and where the crude oil is loaded aboard the sea-going tankers for shipment to other areas.

The entire shoreline was inspected by small boat and a vehicle. The shoreline and alongshore features were compared with the field edit copies of the map manuscript (discrepancy prints) and the field photographs.

Adequacy of Compilation:

The extent and accuracy of the maps appear to be reasonably complete and accurate.

The most salient features in the area are the pumping station with the accompanying storage tanks and loading berths that accommodate the deep-draft tankers.

Two features, a stack and a microwave tower, were recommended as landmarks to be charted. Three identical but smaller stacks were recommended as charting features.

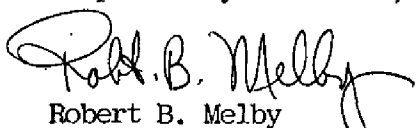
Thirteen lighted aids to navigation are found in the project area. All these aids were located by third order traverse methods except those that were previously located by third order triangulation intersection methods in 1977. All aids and landmarks were listed in Form 76-40, Non-floating Aids or Landmarks for Charts.

Purple ink was used to indicate corrections on the Field, Cronoflex, Discrepancy Copy. Green ink was used to indicate deletions.

Heights of rocks and alongshore features were referenced to ADST (Alaska Daylight Savings Time).

Several obstructions and piles were shown on the office discrepancy print. The field investigation was conducted at a low stage of tide in an attempt to visually confirm these features if possible.

Respectfully submitted,



Robert B. Melby
Chief, PMC Photo Party, CPM133

REVIEW REPORT
TP-00476
SHORELINE

February, 1980

61. GENERAL STATEMENT:

TP-00476 is the only map in Project CM-7710. It is a standard shoreline map covering the area of Valdez Marine Terminal which is on the south shore of Port Valdez. The terminal is a newly constructed facility consisting of 4 modern berths, several oil storage areas and many support buildings. It is evident from the photography that construction is continuing on a large scale. This job will serve as the basis for construction of a new chart.

Field activity prior to compilation consisted of the recovery, identification and establishment of horizontal control for use in the bridging process. An investigation of specific geographic names was also conducted. The field unit, which conducted its work in June, 1977, recommended the name Fort Liscum be retained on the chart. ~~However, that name does not appear on the official names list and, because of this, was not labeled on the map.~~

The name was added to the map. E.L.R. - It is on the official names list. E.L.R.

The job was bridged by analytic method at the Rockville office. Compilation was also done at the Rockville office with the Zeiss C-100 stereoplotter. 1:30,000 scale panchromatic photography dated July 6, 1977.

Field edit was performed by Pacific Marine Center personnel in July, 1979. It was applied to the map by personnel in the Photogrammetric Branch at PMC. During field edit application, an attempt was made to reposition a large bolder west of the mouth of Allison Creek and three stacks south of Berth No. 4 as indicated by the field editor. However, due to the large amount of relief in the area and the fact that no pass points were provided during the original compilation, these features were repositioned by B-8 stereoplotter model during final review. See "Addendum to Compilation Report," page 10c of this Descriptive Report.

Final Review was performed at the Atlantic Marine Center in February, 1980. The original manuscript and all pertinent data is forwarded, with this report, to the Rockville office for reproduction and final registration.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Not applicable.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with Chart 16707, first edition dated December 30, 1978, 1:40,000 scale with 1:10,000 scale inset.

Piles and obstructions charted west of Port Valdez Berth 1 West Light were recommended for deletion from the map by the field editor, and the four piles charted east of the west light were identified as dolphins. Rocks shown on the chart west of the mouth of Allison Creek and ledge areas at Berths No. 3 and No. 4 were not identified by the field editor and are not visible on the photography. See Addendum to Compilation Report.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with the project instructions and meets the requirements for Bureau Standards and the National Standards of Map Accuracy.

Submitted by:

A. L. Shands

A. L. Shands
Final Reviewer

Approved for forwarding:

B. H. Barnes

B. H. Barnes
Chief, Photogrammetric Branch, AMC

Approved:

John D. Perrow Jr.

Chief, Photogrammetric Branch

Walter H. ...

Chief, Photogrammetry Division