

T 12998

T- 12998

NOAA FORM 76-35 (6-80)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. T-12998	Edition No. 1
Job No. PH-6411	
Map Classification CLASS III (FINAL), (PARTIALLY FIELD EDITED)	
Type of Survey SHORELINE	
LOCALITY	
State ALASKA	
General Locality VALDEZ ARM	
Locality VIRGIN BAY	
19 65 TO 19	
REGISTERED IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY		SURVEY <u>TK-12998</u>	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. <u>(1)</u>	
				<input type="checkbox"/> RESURVEY		MAP CLASS <u>III (FINAL)</u>	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Atlantic Marine Center, Norfolk, VA				<input type="checkbox"/> REVISED		JOB <u>PH-6411</u>	
				LAST PRECEDING MAP EDITION			
OFFICER-IN-CHARGE				TYPE OF SURVEY		JOB <u>PH-</u>	
Jeffrey G. Carlen, Cdr.				<input type="checkbox"/> ORIGINAL		MAP CLASS <u></u>	
				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
				<input type="checkbox"/> REVISED		19 <u></u> TO 19 <u></u>	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Compilation (Pre Hydro Support) Dec. 30, 1964				Horizontal Control June 3, 1965			
Memo (Project Planning) May 28, 1965				(Premarking)			
Aerotriangulation Sept. 2, 1965							
Aerotriangulation (Amend I) Oct. 11, 1965							
Compilation (Supp. I) Nov. 9, 1965							
Compilation (Amend I) Feb. 7, 1966							
Aerotriangulation Nov. 8, 1966							
Compilation (Amend II) Jan. 9, 1967							
Compilation (Supp. II) Feb. 7, 1972							
II. DATUMS							
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN				OTHER (Specify)			
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER				OTHER (Specify)			
<input type="checkbox"/> MEAN LOW-WATER							
<input checked="" type="checkbox"/> MEAN LOWER LOW-WATER							
<input type="checkbox"/> MEAN SEA LEVEL							
3. MAP PROJECTION				4. GRID(S)			
Polyconic Projection				STATE <u>Alaska</u>		ZONE <u>3</u>	
5. SCALE				STATE		ZONE	
1:10,000							
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY				W. Heinbaugh		Nov. 1965	
METHOD: Stereoplanigraph LANDMARKS AND AIDS BY							
2. CONTROL AND BRIDGE POINTS PLOTTED BY				A. Roundtree		Nov. 1965	
METHOD: Coradomat CHECKED BY				R. Kornspan		Nov. 1965	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				B. Barnes		May 1966	
COMPILATION CHECKED BY				L. Neterer		May 1966	
INSTRUMENT: Wild B-8				NA			
SCALE: 1:15,000				NA			
4. MANUSCRIPT DELINEATION PLANIMETRY BY				B. Barnes		May 1966	
CHECKED BY				L. Graves		May 1966	
METHOD: Smooth Drafted				NA			
CHECKED BY				NA			
SCALE: 1:10,000 HYDRO SUPPORT DATA BY				B. Barnes		May 1966	
CHECKED BY				L. Graves		May 1966	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				L. Graves		May 1966	
6. APPLICATION OF FIELD EDIT DATA (Partial field edit) BY				C. Bishop		Nov. 1966	
CHECKED BY				A. Rauck		Nov. 1966	
7. COMPILATION SECTION REVIEW (Advanced Class III) BY				A. Rauck		Nov. 1966	
8. FINAL REVIEW Final Class III BY				W. McLeomore/ J. Hancock		Jul. 1984	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				J. Hancock		Aug. 1984	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				P. Hawkins		DEC 1984	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				R.S. KORNSPAN		FEB 1985	

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYT-12998
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "L" (L=152.21mm)		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				ZONE Alaska MERIDIAN 150th	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
65 L(P) 4424 - 4427	Jul. 6, 1965	09:40	1:30,000	4.3 feet above MLLW Mean Tide Range = 9.5Ft.	

REMARKS

Compilation/bridging photographs based on predicted tide data are referenced to reference station Cordova, Alaska and subordinate station Snug Corner Cove, Port Fidalgo, Alaska.

2. SOURCE OF MEAN HIGH-WATER LINE:

The Mean High Water Line was compiled from office interpretation of the above listed compilation/bridging panchromatic photographs using stereo instrument methods.

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

None compiled

4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

SURVEY NUMBER H-8901	DATE(S) 1966	SURVEY COPY USED Registered	SURVEY NUMBER	DATE(S)	SURVEY COPY USED
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5. FINAL JUNCTIONS

NORTH T-12994	EAST T-12999	SOUTH T-13001	WEST T-12997
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REMARKS

T-12998

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION (Premarking) ☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J. Watkins	June 1965
2. HORIZONTAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None R. Melby June 1965 R. Melby June 1965
3. VERTICAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	NA NA NA
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	None None 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

Paneled

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
65L(P)4426 65L(P)4425	SOLO, 1965 (Paneled direct) ELLAMAR, BUILDING ON PIER, NORTH GABLE, 1965 (Sub. Pt. paneled)		

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)

3 Forms 152 (CSI Cards), Field Report(2 pages)

T-12998

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION (Partial)

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY (USC&GS Ship Hodgson)	Commanding Officer	Aug 1966
2. HORIZONTAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None None
3. VERTICAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	NA NA NA
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	None None 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

NA

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 ☒ 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)

1 Paper Field Edit Print, Field Edit Report (remarks)

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	May 1966	Class III manuscript	June 1966	June 1966
Partial field edit applied. Compilation complete	Nov. 1966	Advance Class III	Nov. 1966	Nov. 1966
Final Review, Class III	July 1984	Final Class III Map		

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

(Pages) NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		Nov 1966	Landmark

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

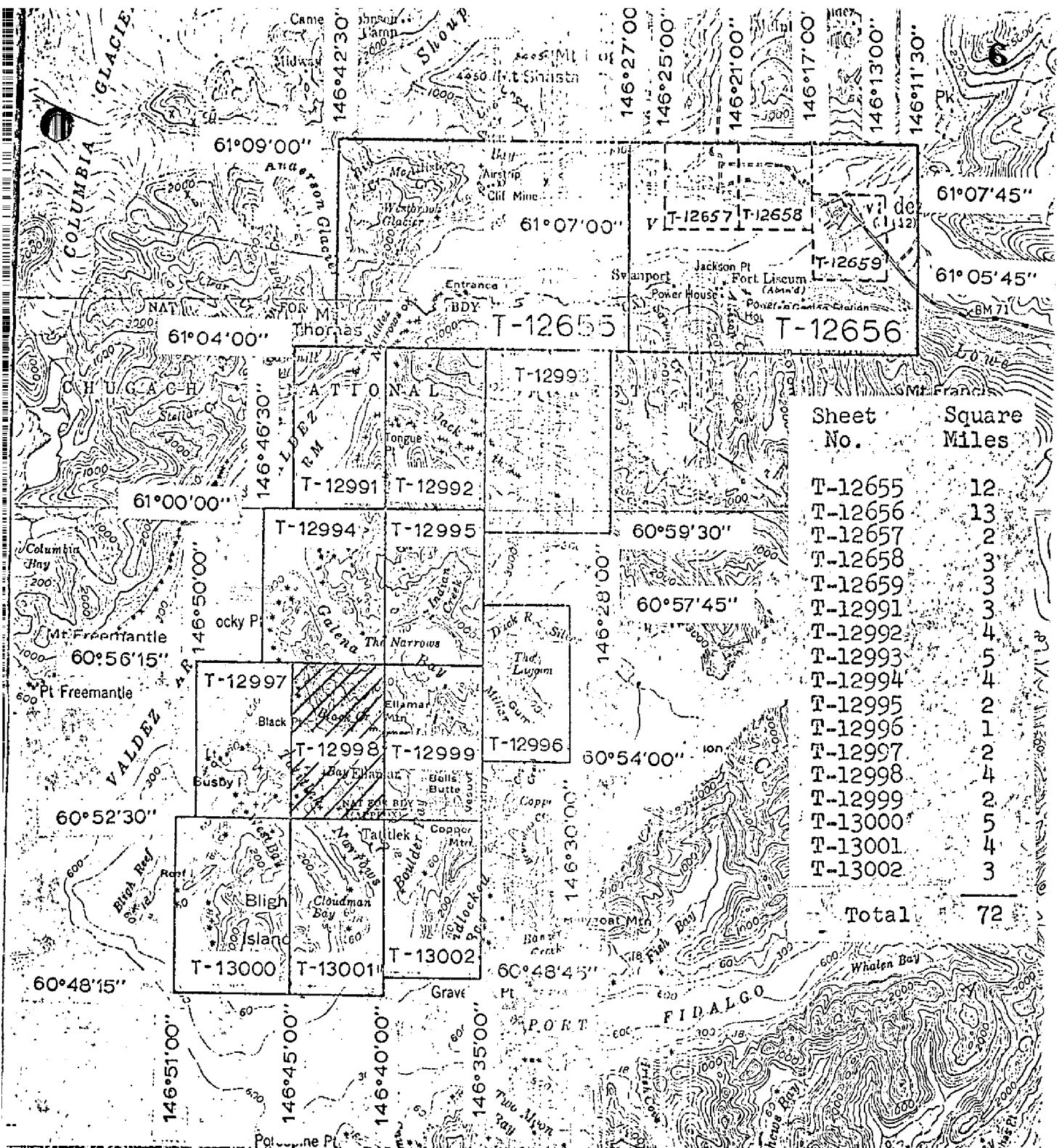
III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 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	



JOB PH-6411 SHORELINE MAPPING

1:5,000, 1:10,000 & 1:20,000 SCALE

VALDEZ ARM
ALASKA

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT
T-12998

This 1:10,000 scale final Class III shoreline map is one of seventeen maps that comprise project PH-6411, Valdez Arm, Alaska. The project consists of two 1:20,000, three 1:5,000 and twelve 1:10,000 scale maps. The project originally pertained of the Port Valdez area but was extended south to include the east shore of Valdez Arm and Tatitlek Narrows.

The purpose of this map was to provide shoreline data in support of hydrographic operations.

This map features the northeast shoreline of Tatitlek Narrows, Virgin Bay and the southwest part of Galena Bay.

Photo coverage for this map was adequately provided by 1:30,000 scale panchromatic and 1:15,000 scale color photographs. All photographs was taken July 6, 1965 with the RC-8 (L) camera. The panchromatic photographs were used for aerotriangulation, compilation, and photo-hydro support. The low altitude color photographs were used to assist the compiler in offshore interpretation.

Field work prior to compilation consisted of the recovery, establishment, and identification (premarking) of horizontal control necessary for aerotriangulation. Also, the field party was responsible for assisting in obtaining the aerial photography. This activity was performed in June/July 1965.

Analytic aerotriangulation was adequately provided by the Washington Science Center November 3, 1965. This activity also included ruling the base manuscripts and providing ratio photographs for compilation.

Compilation by interpretation of the 1:30,000 scale photographs was performed at the Coastal Mapping Section, Atlantic Marine Center, May 1966. Color contact photographs at 1:15,000 scale were used to assist in the interpretation of offshore features. Photo-hydro support data involving the original Class III manuscript was forwarded to the hydrographer.

Field edit was conducted August 1966 by the hydrographic party assigned to the USC&GS Ship Hodgson. The area of field edit performed was limited to the parameters of hydrographic survey H-8901 except along the southern shoreline of Bligh Island where the edit extended westward to longitude 146°43'30". This partial field edit data was returned to the coastal mapping office and applied to the manuscript in November 1966. A copy of the advanced Class III manuscript was forwarded to the hydrographic processing unit for smooth sheet application.

Final review was performed at the Atlantic Marine Center July 1984. A Chart Maintenance Print was prepared and forwarded to the Marine Chart Branch.

This Descriptive Report contains all pertinent information used to compile this Final Class III map. The original base manuscript and related data were forwarded to the Washington Science Center for final registration.

FIELD INSPECTION

T-12998

There was no field inspection prior to the compilation of this map. Field work accomplished was limited to the recovery and identification (premarking) of the horizontal control necessary for the aerotriangulation of the project.

Project 21423(4)
Valdez, Alaska
June, 1965

All horizontal control stations required for photo control were identified with the exception of CROMBIE, 1941 (T-12656). This station was on a high ridge still covered with considerable snow. Identification would probably have been doubtful. Station FILL (temporary) was established by tellurometer traverse and its substitute stations are identifiable on the same flight line of photographs that would cover CROMBIE. Station PIT (temporary) was determined by triangulation methods. Stations PIT and FILL replaces VALDEZ SOUTHEAST BASE, 1941 and VALDEZ NORTHWEST BASE, 1941.

Station MAS (temporary) (t-12655) was determined by triangulation intersection methods. Station SPIT 2 (temp.) was determined by triangulation methods to replace station SPIT, 1901.

Station HUT 3, 1965 was identified in lieu of station HUT 2 which was reported lost. The unadjusted field position was not available at the time of identification as the geodetic party had only recently occupied the station.

Submitted:

JBW
Robert B. Melby

Approved:

John B. Watkins, Jr.
John B. Watkins, Jr.
Chief of Party

Project 21423(11)
Tatilek Narrows, Alaska
June 1965

All horizontal control stations required for photo control were identified and paneled. Two new stations were located by triangulation intersection methods and six by closed loop tellurometer traverse.

Station MAS (temp.) was located and its position is submitted with the Valdez, Alaska field data, project 21423(4). The recovery note for HUT3, 1965 was also submitted with the Valdez field data.

Submitted:

RBm

Robert B. Melby

Approved:

JBW
John B. Watkins, Jr., CDR, C&GS
Comdg., Ship HODGSON

Photogrammetric Plot Report
Tatitlek Narrows, Alaska
Job PH-6411

21. Area Covered

The project covers the east shore of Valdez Arm and all of Tatitlek Narrows area. The T-sheets in this area are: T-12991 through 12999 and T-13000 through T-13002.

22. Method

Six bridges were run on the stereoplanigraphs and adjusted by IBM 1620 methods. All tie points between strips were averaged. Tie points were also established in the area of Port Valdez Bay to be bridged at a later date.

23. Adequacy of Control

The premarked control provided was adequate with the exception of BUSBY, 1942. The panels at this station blended into the background on the black and white photograph and could not be seen. The overhang and shadows of trees also made it difficult to see Busby Island Lt., 1947, which was in the immediate vicinity of BUSBY, 1942.

Strip #12 was based on a three point solution using stations JACK, 1901, OVAL, 1965 and SLIM, 1965. Stations OVAL and SLIM were established with very slim angles and no means of checking their accuracy was available. Although adjustment held all three stations with small errors of closure, an error may still exist in the area of Jacks Bay.

All additional control held within National Map Accuracy Standards for 1:10,000 scale mapping.

24. Supplemental Data

USGS Quads, Cordova D-8 and Valdez A-8, scale 1:63,360 were used to provide basic vertical control for bridging operations.

25. Photography

Photography was adequate in coverage, overlap and definition.

26. Plotting Constants

Plotting constants for 1:10,000 scale manuscripts were provided for all bridge points.

27. Ratios

Ratios for 1:10,000 scale photography were provided for all strips.

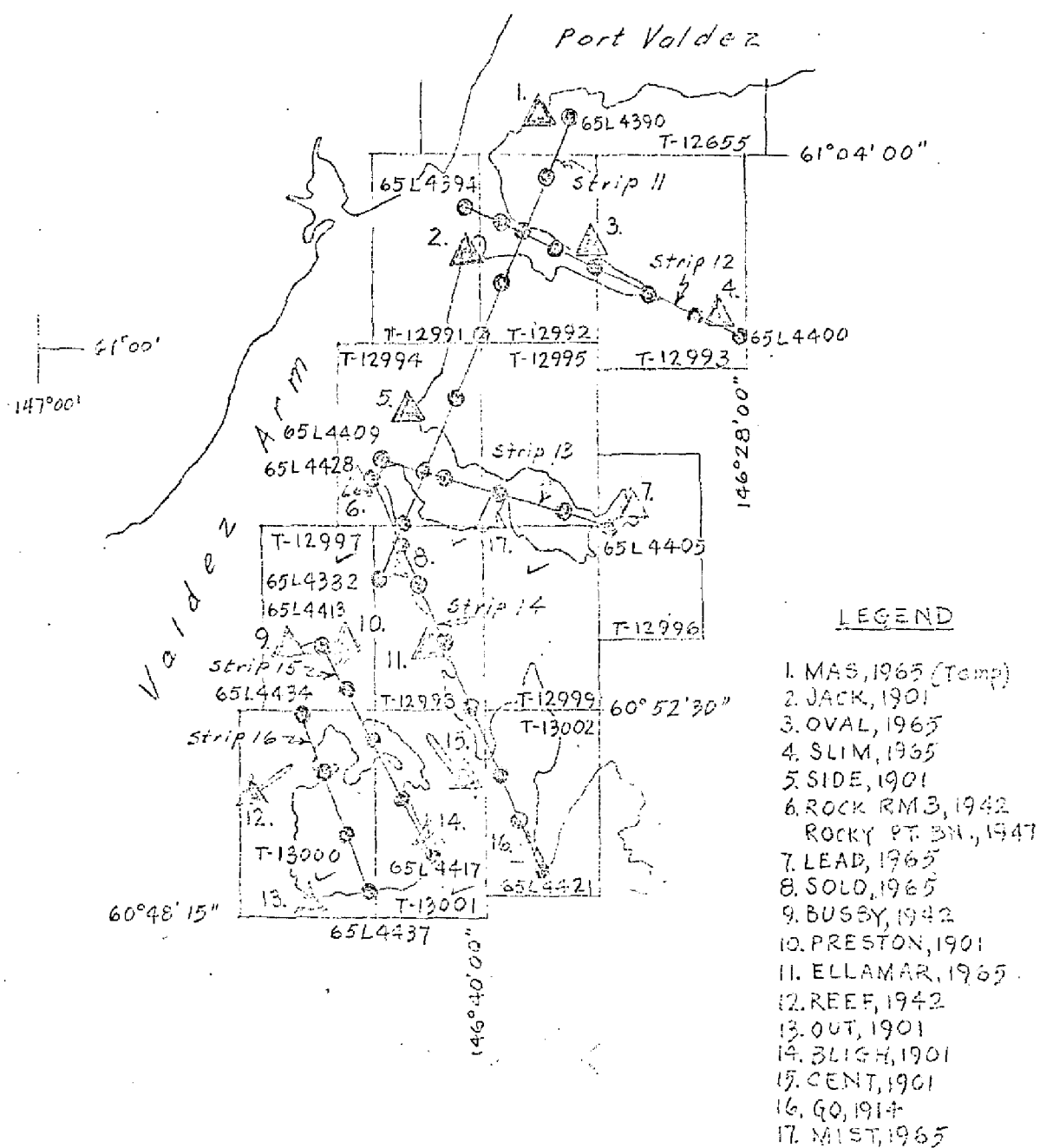
Submitted by:

Wallace Heinbaugh
Wallace Heinbaugh

Approved by:

November 3, 1965

John D. Perrow, Jr.
John D. Perrow, Jr.



TATITLEK NARROWS, ALASKA

PH-6411

Nov. 1965

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO. T-12998	JOB NO. PH-6411	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETIC DATUM NA 1927		COORDINATES IN FEET		GEOGRAPHIC POSITION		ORIGINATING ACTIVITY Coastal Mapping Division AMC, Norfolk, VA		
					STATE Alaska	ZONE 3	x	y	ϕ LATITUDE	λ LONGITUDE	Feet Forward	Feet Back	
SOLO, 1965		Unadjusted field pos.					$x = 369,783.41$	$y = 2,528,947.67$	ϕ			4783.4	216.6
									λ			3947.7	1052.3
ELLAMAR, BUILDING ON PIER, NORTH CABLE, 1965		Unadjusted field pos.					$x = 373,219.17$		ϕ	60 53 46.11		3219.2	17808.3
							$y = 2,520,170.90$		λ	146 42 42.90		170.9	4829.1
							$x =$		ϕ				
							$y =$		λ				
							$x =$		ϕ				
							$y =$		λ				
							$x =$		ϕ				
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							$x =$		ϕ				
							$y =$		λ				
							$x =$		ϕ				
							$y =$		λ				
COMPUTED BY B. Barnes							COMPUTATION CHECKED BY L. Graves					DATE 5/11/66	
LISTED BY							LISTING CHECKED BY					DATE	
HAND PLOTTING BY							HAND PLOTTING CHECKED BY					DATE	

COMPILATION REPORT
T-12998

31 - DELINEATION

Delineation was accomplished using stereo instrument compilation methods. The Wild B-8 stereoplotter was used to delineate shoreline, alongshore and interior detail based upon office interpretation of the 1:30,000 scale bridging/compilation panchromatic photographs.

All photographs used to compile this map are listed on NOAA Form 76-36B. The photography was adequate.

32 - CONTROL

Refer to the Photogrammetric Plot Report dated November 3, 1965.

33 - SUPPLEMENTAL DATA

Color contact photographs 65 L(C) 4499 - 4502 and 65 L(C) 4614 - 4616 provided at 1:15,000 scale were used to assist in the interpretation of alongshore and offshore detail.

34 - CONTOURS AND DRAINAGE

Contours are not applicable to this project. Drainage was compiled by office interpretation of the photographs.

35 - SHORELINE AND ALONGSHORE DETAILS

The mean high water line was compiled from office interpretation of the compilation photographs. Shallow, ledge and foul limits were delineated as an aid to the hydrographer and should be evaluated during field edit.

No mean lower low water line was compiled due to the stage of tide of the compilation photographs being 4.3 feet above mean lower low water.

36 - OFFSHORE DETAILS

Offshore detail was compiled by instrument methods as described in item #31.

37 - LANDMARKS AND AIDS

There are no charted landmarks or navigational aids within the mapping limits of this manuscript.

38 - CONTROL FOR FUTURE SURVEYS

None.

T-12998

39 - JUNCTIONS

Refer to the Data Record Form 76-36B, Item 5.

40 - HORIZONTAL AND VERTICAL ACCURACY

Refer to the Photogrammetric Plot Report dated November 3, 1965.

46 - COMPARISON WITH EXISTING MAPS

A comparison was made with the following U.S. Geological Survey Quadrangle: Cordova (D-8), Alaska, dated 1952, scale 1:63,360.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following U.S. Coast and Geodetic Survey Chart: 8519, 8th edition, dated May 17, 1965, scale 1:79,291.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by,

for *Henry L. Hancock*
B. Barnes
Cartographic Aid
May 1966

Approved,

for *Henry L. Hancock*
Albert C. Rauck, Jr.
Chief, Coastal Mapping Unit, AMC

ADDENDUM TO THE COMPILATION REPORT T-12998

FIELD EDIT

Partial field edit was performed on this map in August 1966. All field edit notes were made on the field edit paper print. Field edit was accomplished only within the hydrographic project limits as shown on the field edit paper print.

Triangulation station ELLAMAR, BUILDING ON PIER, NORTH GAULE, 1965 was verified and recommended as a landmark to be charted by the field editor. Appropriate information was submitted on C&GS Form 567.

Chief, Photogrammetry Division

October 27, 1966

CPS236

Commanding Officer
USCGC Ship HODGSON

Field edit, project PH-6411

Submitted under separate cover are field edit oxalids and photographs for subject project.

You will note that not all of the area covered by its maps was edited. Only the area within the hydrographic survey project limits was accomplished.

Hydrographic signals were located by photogrammetric methods and transferred from the photographs to the cronoflex theme to the boat sheet. As per project instructions all of these locations were final. Cronoflex with these signals have been retained for use in plotting the smooth sheet.

-
- * It is requested that final shoreline for the smooth sheet, in the area edited, be furnished by January 15, 1967.
-

John B. Watkins, Jr.

CC: CPS2

* A2

IF YOU CANT MAKE THIS DATE
LET ME KNOW.

AR

11/2/66

Sheet T-12997

Field edit notes are found on the attached field ozalid. Only the area within the hydrographic project were edit as shown.

Control recovery was accomplished in 1965 and appropriate cards submitted

Sheet T-12998

Field edit notes are found on the attached field ozalid. Field inspection was made only within the hydrographic project limits as shown.

Two dolphins not shown on the manuscript were located at Lat. 60°53'47.5, Long. 146°42'08.0" and Lat. 60°53'31.5", Long. 146°42'06.0" during the hydrographic survey. This date from "A" day, sheet HO-10-1-66.

All control was recovered during the 1965 season and appropriate cards submitted.

Sheet T-12999

Field edit notes are found on the attached field edit ozalid. Edit was made only within the hydrographic project limits, these limits are shown on the ozalid.

Sheet T-13000

No field edit accomplished as this was not within the hydrographic project limits.

Sheet T-13001

Field edit notes are found on the field edit ozalid attached. Field edit was made only within the area of the hydrographic surveys, these limits are shown on the ozalid.

Two Two rocks awash were found at Lat. 60°49'51.0" Long. 146°41'43.5" and Lat. 60°49'48.0" Long. 146°41'54.0" and have 2 feet and $\frac{1}{2}$ foot at MLLW respectively. This data from D day, sheet HO-10-2-66.

All control recovery was accomplished during the 1965 field season and appropriate recovery cards submitted at that time.

REVIEW REPORT T-12998
SHORELINE

61. GENERAL STATEMENT

Final review for this final Class III map was accomplished at the Atlantic Marine Center in July 1984. For a schedule of the office and field operations, refer to the Summary included in this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with the following U.S.G.S. quadrangle: Cordova (D-8), Alaska, dated 1952, scale 1:63,360.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

A comparison was made with a registered copy of contemporary hydrographic survey H-8901, 1:10,000 scale, field surveyed October 1966.

Partial field edit of the shoreline map was accomplished by the hydrographer to that area common to the hydrographic survey limits. Field edit data was applied by the Coastal Mapping Section and a copy of the advanced Class III map was forwarded to the hydrographic processing office for smooth sheet application.

During the original compilation, various shallow, ledge and foul limits were delineated as advisory information to the hydrographer. None of these limits were deleted or verified during field edit. Most of the limits were removed during final review. A few foul limits were retained where the photographs indicated areas of dense rocks.

65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS Charts: 16708, 16th edition, dated October 3, 1981, 1:79,291 scale with 1:40,000 scale inset; and 16707, 3rd edition, dated February 27, 1982, 1:40,000 scale.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

Submitted by,



Jerry L. Hancock
Final Reviewer

Approved for forwarding,

Billy H. Barnes

Billy H. Barnes
Chief, Photogrammetric Section, AMC

Approved,

Robert D. Rodley

Peterson
Chief, Photogrammetric Section, Rockville

Ronald K. Brewer
Chief, Photogrammetry Branch,
Rockville

June 11, 1984

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6411 (Valdez Arm - Tatitlek Narrows, Alaska)

TP-12998

Black Creek

Black Point

Bligh Island

Ellamar

Galena Bay

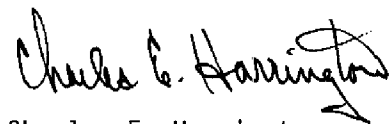
Gladhaugh Creek

Tatitlek Narrows

Valdez Arm

Virgin Bay

Approved by:



Charles E. Harrington
Chief Geographer
Nautical Charting Division

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

November 17, 1966

Atlantic Marine Center

TO BE DELETED)
I recommend that the following objects which have ~~(xxxxxxot)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

The positions given have been checked after listing by

C. H. Bishop

J. Bull, ADM., USESA

Director, AMC

Chief of Party

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be reported under each column heading should be given. Information under each column heading should be given.

TABULATE SECONDS AND METERS

USCOMM-DC 18234-P61

