

T-13002

T-13002

NOAA FORM 76-35 (6-80)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
<b>DESCRIPTIVE REPORT</b>	
<i>Map No.</i> T-13002	<i>Edition No.</i> 1
<i>Job No.</i> PH-6411	
<i>Map Classification</i> CLASS III (FINAL) (PARTIAL FIELD EDIT)	
<i>Type of Survey</i> SHORELINE	
<b>LOCALITY</b>	
<i>State</i> ALASKA	
<i>General Locality</i> VALDEZ ARM	
<i>Locality</i> COPPER MOUNTAIN PENINSULA	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">19 65 TO 19</div>	
<b>REGISTERED IN ARCHIVES</b>	
<b>DATE</b>	

NOAA FORM 76-36A (3-72)	U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	SURVEY <del>FR</del> T-13002  MAP EDITION NO. (1)  MAP CLASS III (FINAL)  JOB <del>RM</del> CM-6411
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**DESCRIPTIVE REPORT - DATA RECORD**

PHOTOGRAMMETRIC OFFICE  
 Coastal Mapping Unit, Atlantic  
 Marine Center, Norfolk, VA

OFFICER-IN-CHARGE  
  
 A. Y. Bryson, CDR

**LAST PRECEDING MAP EDITION**

TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	JOB PH- _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__
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I. INSTRUCTIONS DATED	
1. OFFICE	2. FIELD
Compilation (Prel. Hydro Support) Dec. 30, 1964 Memo (Proj. Planning) May 28, 1965 Aerotriangulation Sept. 02, 1965 Aerotriangulation (Amend. I) Oct. 11, 1965 Compilation (Suppl. I) Nov. 09, 1965 Compilation (Amend. I) Feb. 07, 1966 Aerotriangulation Nov. 08, 1966 Compilation (Amend. II) Jan. 09, 1967 Compilation (Suppl. II) Feb. 07, 1972	Horizontal Control June 3, 1965 (Premarking)

II. DATUMS	
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN	OTHER (Specify)
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL	OTHER (Specify)
3. MAP PROJECTION  Polyconic Projection	4. GRID(S) STATE Alaska ZONE 3
5. SCALE 1:10,000	STATE ZONE

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		
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY B. Barnes May 1966 COMPILED BY L. O. Neterer, Jr. May 1966 INSTRUMENT: Kelsh CHECKED BY NA SCALE: 1:6,000 CHECKED BY NA		
4. MANUSCRIPT DELINEATION PLANIMETRY BY K. Boyle May 1966 CHECKED BY C. Bishop May 1966 METHOD: Smooth drafted CONTOURS BY NA CHECKED BY NA SCALE: 1:10,000 HYDRO SUPPORT DATA BY K. Boyle May 1966 CHECKED BY C. Bishop May 1966		
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY C. Bishop May 1966		
6. APPLICATION OF FIELD EDIT DATA (Partial field edit) BY C. Bishop Nov. 1966 CHECKED BY A. C. Rauck Nov. 1966		
7. COMPILATION SECTION REVIEW ADVANCED CLASS III BY A. C. Rauck Nov. 1966		
8. FINAL REVIEW FINAL CLASS III BY J. Hancock June 1984		
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY J. Hancock Aug. 1984		
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY P. Hawkins FEB 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-13002  
COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "L" (L=152.21mm)		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR X (P) PANCHROMATIC (I) INFRARED		ZONE	
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				Alaska	
				MERIDIAN	
				150th	
				<input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
65 L(P) 4421 thru 4424	7/06/65	09:40	1:30,000	4.3 feet above MLLW	
				Mean Tide Range =9.5 ft.	

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	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED
H-8901	Oct. 1966	Registered			

## 5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
T-12999	No survey.	No survey	T-13001

REMARKS

T-13002

HISTORY OF FIELD OPERATIONS

I.  FIELD INSPECTION OPERATION (PREMARKING)  FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J. Watkins, Jr.	6/65
2. HORIZONTAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	R. Melby	6/65
	R. Melby	6/65
	R. Melby	6/65
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 BY		
6. PHOTO INSPECTION CLARIFICATION OF DETAILS BY	None	
7. BOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED BY	None	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED  
Premarked (Paneled)

2. VERTICAL CONTROL IDENTIFIED  
NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
65 L(P) 4421	GO, 1914 (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  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)

1 Form 152 (CSI Card), Field Report (2 pages)

T-13002  
HISTORY OF FIELD OPERATIONS

I.  FIELD INSPECTION OPERATION       FIELD EDIT OPERATION (Partial)

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY (USC&GS Ship Hodgson)	Comanding Officer	Aug. 1966
2. HORIZONTAL CONTROL	RECOVERED BY	None
	ESTABLISHED BY	None
	PRE-MARKED OR IDENTIFIED BY	None
3. VERTICAL CONTROL	RECOVERED BY	NA
	ESTABLISHED BY	NA
	PRE-MARKED OR IDENTIFIED BY	NA
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY	None
	LOCATED (Field Methods) BY	None
	IDENTIFIED BY	None
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION	
	<input type="checkbox"/> COMPLETE	BY
	<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	NA

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
None		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)  
1 Paper Field Edit Print, Field Edit Report (remarks)

**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	Advanced Class III manuscript	Nov. 1966	Nov. 1966
Final Review, Class III	June 1984	Final Class III Map		

**II. LANDMARKS AND AIDS TO NAVIGATION NONE**

**1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH**

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

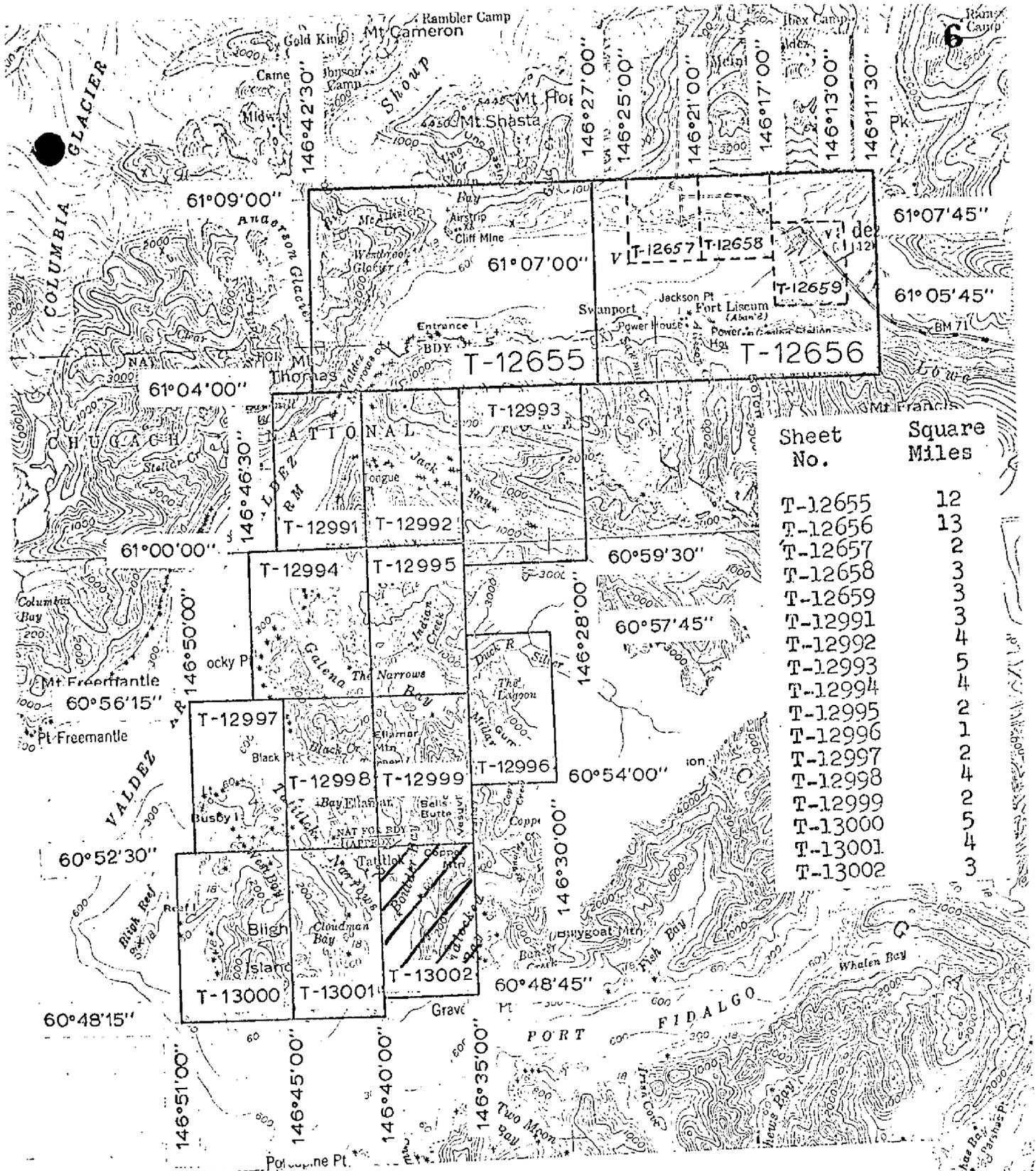
2.  REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: \_\_\_\_\_  
 3.  REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

**III. FEDERAL RECORDS CENTER DATA**

1.  BRIDGING PHOTOGRAPHS;  DUPLICATE BRIDGING REPORT;  COMPUTER READOUTS.  
 2.  CONTROL STATION IDENTIFICATION CARDS;  FORM NOS 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-13002

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 to 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 portrays the southeast limit of Tatitlek Narrows and features the western shoreline of Copper Mountain Peninsula and Boulder Bay.

Photo coverage for this map was adequately provided by 1:30,000 scale panchromatic and 1:15,000 scale color photographs. All photography 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. 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 June 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-13002

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery, establishment 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:

*JRW*  
*RM* 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.

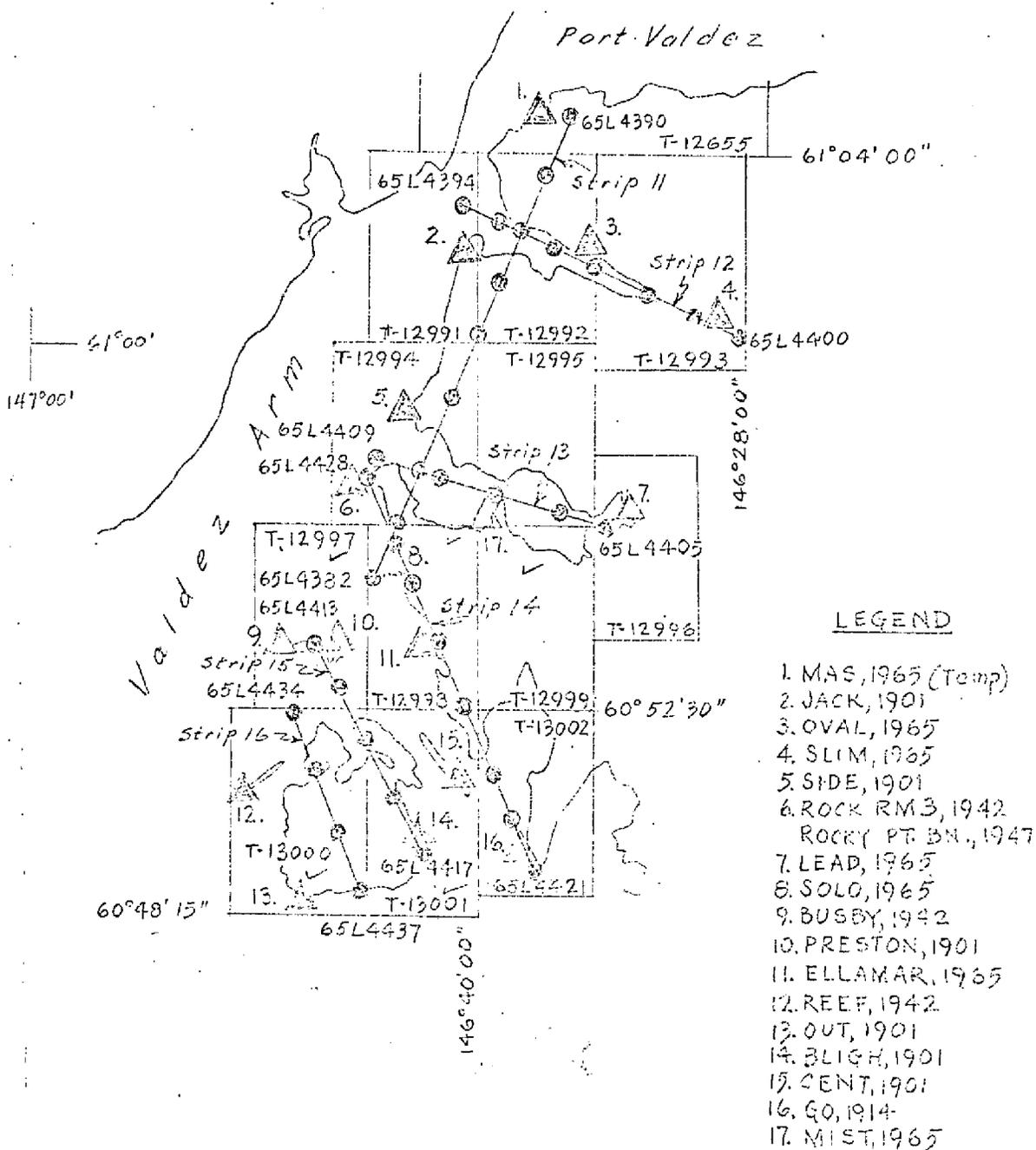
Submitted by:

Wallace Heinbaugh  
Wallace Heinbaugh

Approved by:

November 3, 1965

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



LEGEND

- 1. MAS, 1965 (Temp)
- 2. JACK, 1901
- 3. OVAL, 1965
- 4. SLIM, 1965
- 5. SIDE, 1901
- 6. ROCK RM3, 1942  
ROCKY PT BN., 1947
- 7. LEAD, 1965
- 8. SOLO, 1965
- 9. BUSBY, 1942
- 10. PRESTON, 1901
- 11. ELLAMAR, 1965
- 12. REEF, 1942
- 13. OUT, 1901
- 14. BLIGH, 1901
- 15. CENT, 1901
- 16. GO, 1914
- 17. MIST, 1965

TATILEK NARROWS, ALASKA

PH-6411

Nov. 1965

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	GEOIDETIC DATUM		AEROTRI- ANGULATION POINT NUMBER	SOURCE OF INFORMATION (Index)	COORDINATES IN FEET		GEOGRAPHIC POSITION		REMARKS	
			PH-6411	NA 1927			STATE	ZONE	$\phi$ LATITUDE	$\lambda$ LONGITUDE		FORWARD
T-13002			PH-6411	NA 1927			ALASKA	3				
COPPER, 1901		Quad 60146 P. 2					x= 385,851.62 y= 2,492,601.69		$\phi$ $\lambda$		851.62 (4148.38) 2601.69 (2398.31)	
COPPER POINT GEOLOGICAL, 1901		Quad 60146 P. 2					x= 385,790.53 y= 2,492,999.74		$\phi$ $\lambda$		790.53 (4209.47) 2999.74 (2000.26)	
GO, 1914		Quad 60146 P. 5					x= 387,067.01 y= 2,491,743.02		$\phi$ $\lambda$		2067.01 (2932.99) 1743.02 (3256.98)	
LAND, 1901		Quad 60146 P. 7					x= 388,855.77 y= 2,491,843.30		$\phi$ $\lambda$		3855.77 (1144.23) 1843.30 (3156.70)	
PEAK NO. 85, 1901		Quad 60146 P. 10					x= 395,627 y= 2,509,785		$\phi$ $\lambda$		627 (4373) 4785 (215)	
PER, 1914		Quad 60146 P. 2					x= 394,327.08 y= 2,502,520.90		$\phi$ $\lambda$		4327.08 (672.92) 2520.90 (2479.10)	
LO, 1914		G.P. Vol VI P. 150					x= 60 49 29.305 y= 146 36 52.901		$\phi$ $\lambda$		907.0 (950.1) 799.4 (107.4)	
							x= y= x= y= x= y=		$\phi$ $\lambda$ $\phi$ $\lambda$ $\phi$ $\lambda$			
COMPUTED BY	LON				DATE 5/19/66					COMPUTATION CHECKED BY	DATE 5/20/66	
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  
T-13002

31 - DELINEATION

Delineation was accomplished using stereo instrument compilation methods. The Kelsh plotter 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) 4605 - 4609 were 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 MLLW.

36 - OFFSHORE DETAILS

Offshore detail was compiled by instrument methods as described in item #31. Offshore rocks are to be verified by the field editor.

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.

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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; and Cordova (D-7), Alaska, scale 1:63,360, dated 1952.

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,

*Gary L. Hancock*

for K. Boyle  
Cartographic Aid  
May 1966

Approved,

*Gary L. Hancock*

for Albert C. Rauck, Jr.  
Chief, Coastal Mapping Unit, AMC

ADDENDUM TO THE COMPILATION REPORT - T-13002

Partial field edit was performed on this map in August 1966 in conjunction with hydrographic survey H-8901. The eastern shoreline of Copper Mountain Peninsula, east of Longitude  $146^{\circ}37.5'$ , was not field edited.

All field edit data was recorded on the field edit paper print. Difficulty was encountered in deciphering the terminology used to record rock heights. Consequently, care was taken to show the most hazardous height that could be evaluated from the field edit print.

Chief, Photogrammetry Division

October 27, 1966

CFS236

Commanding Officer  
USC&GS Ship HODGSON

Field edit, project PH-6411

Submitted under separate cover are field edit ozalids 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: CFS2

\* AL

IF YOU CANT MAKE THIS DATE  
LET ME KNOW.

AL  
11/2/66

Sheet T-13002

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

The sunken rock from Chart 8519 was found at Lat.  $60^{\circ}50'50.5''$  Long.  $146^{\circ}38'58.5''$  and is awash at MLLW. This data from E 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-13002  
SHORELINE

61. GENERAL STATEMENT

Final review for this final Class III map was accomplished at the Atlantic Marine Center in June 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. 1:63,360 scale quadrangles: Cordova (D-7), Alaska, dated 1952, and Cordova (D-8), Alaska, dated 1952.

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. Those areas not verified during field edit were removed from the manuscript during final review. Also, it was apparent that the terminology used by the field editor to reference rock heights is questionable. However, this data was accepted, as applied to the map and the hydrographic survey because of its minimal effect on the current 1:79,291 chart of the area.

65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with NOS Chart 16708, scale 1:79,291, 16th edition, dated October 3, 1981.

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*

Jerry L. Hancock  
Final Reviewer

T-13002

Approved for forwarding,

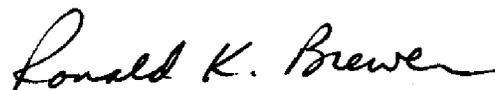


Billy H. Barnes  
Chief, Photogrammetric Section, AMC

Approved,



Peter M. Lodge  
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-12302~~

TP-13002 *gjh*

Bidarka Point

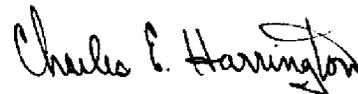
Boulder Bay

Copper Mountain Peninsula

Landlocked Bay

Port Fidalgo

Approved by:



Charles E. Harrington  
Chief Geographer  
Nautical Charting Division

