

TP-00557

TP-00557

NOAA FORM 76-35 (6-80)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. TP-00557	Edition No. 1
Job No. CM-7206	
Map Classification FINAL FIELD EDITED MAP	
Type of Survey SHORELINE	
LOCALITY	
State ALASKA	
General Locality ZAREMBO ISLAND	
Locality BAHT HARBOR	
1972 TO 1976	
REGISTERED IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72) <div style="text-align: center; margin-top: 5px;"> U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN. </div> <div style="text-align: center; margin-top: 20px;"> DESCRIPTIVE REPORT - DATA RECORD </div>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED		SURVEY TP-00557 MAP EDITION NO. (1) MAP CLASS Final JOB PH-CM-7206			
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, Norfolk, VA OFFICER-IN-CHARGE Jeffrey G. Carlen		LAST PRECEDING MAP EDITION <table style="width: 100%;"> <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 PH- MAP CLASS SURVEY DATES: 19__ TO 19__ </td> </tr> </table>				TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	JOB PH- MAP CLASS SURVEY DATES: 19__ TO 19__
TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	JOB PH- MAP CLASS SURVEY DATES: 19__ TO 19__						
I. INSTRUCTIONS DATED							
1. OFFICE			2. FIELD				
Aerotriangulation Sept. 19, 1972 Compilation Feb. 22, 1973			Field Jan. 26, 1972				
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			4. GRID(S) <table style="width: 100%;"> <tr> <td style="width: 50%;">STATE Alaska</td> <td style="width: 50%;">ZONE 1</td> </tr> </table>			STATE Alaska	ZONE 1
STATE Alaska	ZONE 1						
5. SCALE 1:10,000			STATE ZONE				
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS		NAME		DATE			
1. AEROTRIANGULATION METHOD: Analytic-Block LANDMARKS AND AIDS BY		D. Norman		Feb., 1973			
2. CONTROL AND BRIDGE POINTS METHOD: Calcomp		PLOTTED BY R. Robertson CHECKED BY R. Robertson		Feb., 1974 Feb., 1974			
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:15,000		PLANIMETRY BY L. Neterer, Jr. CHECKED BY R. White CONTOURS BY None CHECKED BY None		July, 1973 July, 1973			
4. MANUSCRIPT DELINEATION METHOD: Smooth draft SCALE: 1:10,000		PLANIMETRY BY F. Gustafson CHECKED BY A. Shands CONTOURS BY None CHECKED BY None HYDRO SUPPORT DATA BY F. Gustafson CHECKED BY A. Shands		Aug., 1973 Apr., 1974 Apr., 1974 Apr., 1974			
5. OFFICE INSPECTION PRIOR TO FIELD EDIT		BY A. Shands		Apr., 1974			
6. APPLICATION OF FIELD EDIT DATA		BY F. Margiotta-G. Morris CHECKED BY J. Minton		3/76, 2/77 Mar., 1976			
7. COMPILATION SECTION REVIEW		BY J. Byrd		May, 1977			
8. FINAL REVIEW		BY C. Blood		Aug., 1987			
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH		BY J. Byrd		July 1988			
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH		BY P. Dempsey		Dec. 1988			
11. MAP REGISTERED - COASTAL SURVEY SECTION							

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY
TP-00557

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "E" FL=152.71mm		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		X (C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Pacific MERIDIAN 120th <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
72 E(C) 4008-4010	6-23-72	9:56	1:30,000	8.8 ft. above MLLW	
72 E(C) 3978, 3979	6-23-72	9:30	1:30,000	7.6 ft. above MLLW	
72 E(C) 3942	6-23-72	9:06	1:30,000	6.7 ft. above MLLW	
*72 E(C) 3988-3993	6-23-72	9:40	1:30,000	8.1 ft. above MLLW	
*72 E(C) 3998-3999A	6-23-72	9:48	1:30,000	8.3 ft. above MLLW	
*72 E(C) 3970-3971	6-23-72	9:20	1:30,000	7.2 ft. above MLLW	

REMARKS

Photo #3999A is printed in succession to #3999.
*Compilation photographs

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high-water line was delineated from the photographs listed above.

3. SOURCE OF MEAN LOWER LOW-WATER LINE:

None delineated, the mean lower low-water photography was not available for compilation.

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

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
TP-00552	TP-00558	No Survey	TP-00556

REMARKS

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

TP-00557

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	M. Fleming C. Andreasen	Oct. 1975 Aug. 1976
2. HORIZONTAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None - 1975 None - 1975 None - 1975
3. VERTICAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	N.A. N.A. N.A.
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	None M. Huestis, 1975 G. Wheaton 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	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
None		N.A.	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
3. PHOTO NUMBERS (Clarification of details)			
72 E(C) 4008 thru 4010 (1975)			
72 E(C) 3978, 3942 (1976)			
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED			
None			
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
5. GEOGRAPHIC NAMES: <input type="checkbox"/> REPORT <input type="checkbox"/> NONE		6. BOUNDARY AND LIMITS: <input type="checkbox"/> REPORT <input type="checkbox"/> NONE	
7. SUPPLEMENTAL MAPS AND PLANS			
None			
8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)			
1 - Field Edit Ozalid for 1975 Edit			
1 - Complot Film for Field Edit for 1976			

NOAA FORM 76-36C
(3-72)

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
TP-00557

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.	Apr. 1974	Class III Map	June 28, 1974	June 28, 1974
South of Lat. 56° 27.5' and Station Island Light field edit applied.	Mar. 1976	Class III Map		
Applied completed field edit.	Feb. 1977	Class I Map	Mar. 24, 1977	Mar. 24, 1977
Final Review	Aug. 1987	Final Map	Dec. 1988	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		July 1, 1977	1 aid to be charted

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: July 1, 19773. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

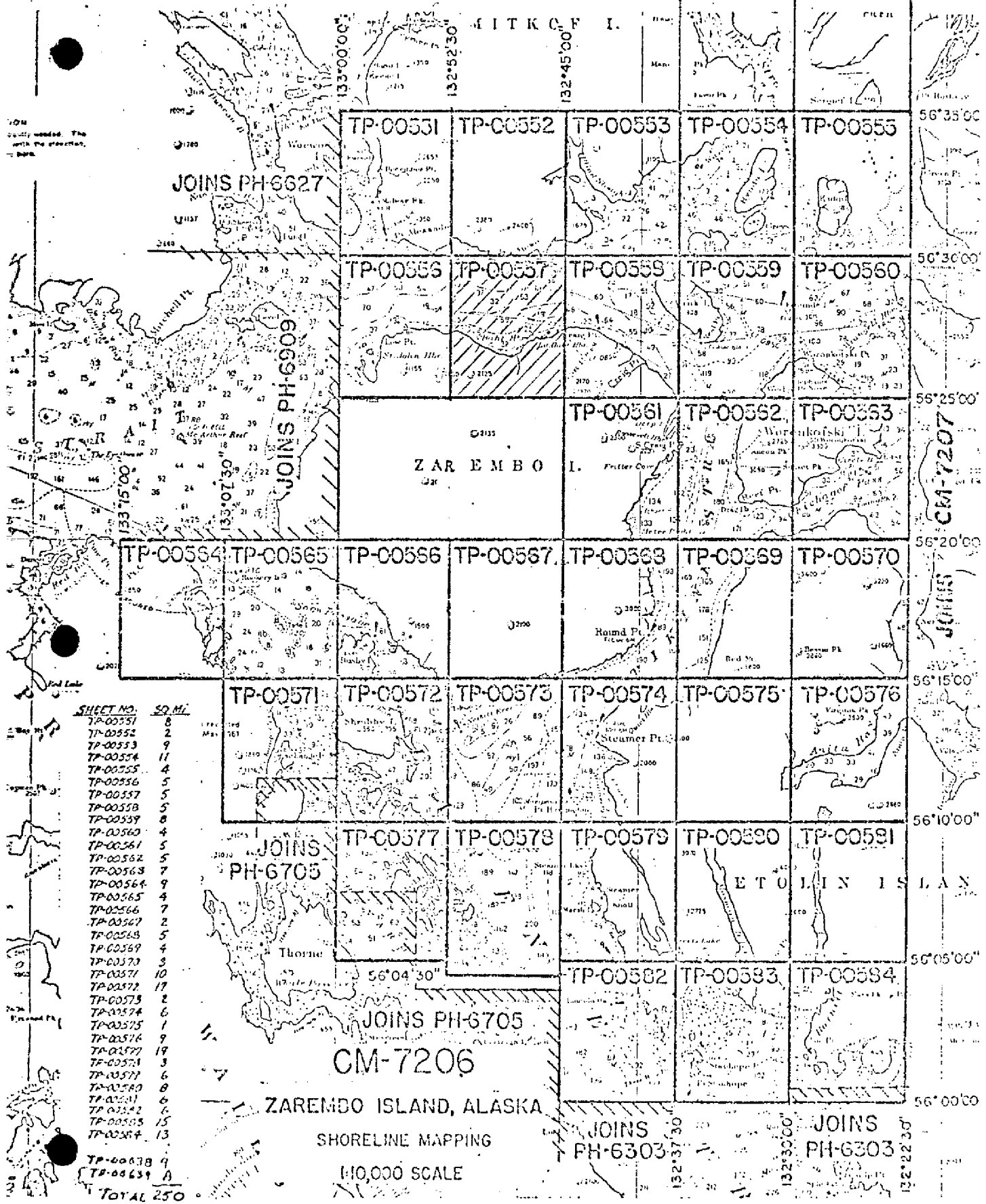
1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
 3. ☐ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:

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

JOINS CM-7309



REVISED 5/18/72 R.W.W.
REVISED 4/23/73 R.W.W.

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00557

This final shoreline map is one of thirty-six 1:10,000 scale maps designated as CM-7206, Zarembo Island, Alaska.

The purpose of this map was to provide contemporary shoreline in support of hydrographic operations and to aid in chart revision.

Field work prior to compilation during the 1972 field season consisted of recovery and premarking of horizontal control for aerotriangulation.

This map area was photographed in June 1972 with the RC-9 "M" camera at 1:60,000 scale using panchromatic film. The map area was also photographed in June 1972 with the RC-8 "E" camera at 1:30,000 scale using color film.

Aerotriangulation was completed at the Washington Office in February 1973 and revised in January 1974.

This map was compiled at the Norfolk Office in April 1974.

Field edit was acquired for TP-00557 during the 1975 and 1976 field seasons. Field edit was applied at AMC in March 1976 and February 1977.

Final review was accomplished at the Atlantic Marine Center in August 1987. A Chart Maintenance Print was prepared and forwarded to the Marine Charts Branch.

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

FIELD INSPECTION

TP-00557

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

Photogrammetric Plot Report
Zarembo Island, Alaska
CM-7206
February 1973

21. Area Covered

This report pertains to 34 sheets in the vicinity of Zarembo Island, Alaska. The sheets covered are TP-00551 through TP-00584. All are 1:10,000 scale.

22. Method

Six strips of RC-9 photography at 1:60,000 scale and three strips of RC-8 photography at 1:30,000 scale were bridged by analytic aerotriangulation methods and adjusted to ground with the block adjustment program. Points were established for determining ratios of 1:30,000 scale support photography. Sufficient points were also established for setting 1:30,000 scale compilation photography. These points were plotted by the Coradomat.

23. Adequacy of Control

The control was adequate. Ten horizontal control stations were used in the block adjustment. Shoreline points with approximately 0 elevation were used as vertical control.

The horizontal positions of several light structures were determined in the block adjustment. The positions of these structures are to be verified by field methods as a check on the block adjustment.

24. Supplemental Data

USGS topographic quadrangles were used in determining elevations for strip adjustments.

25. Photography

The photography was adequate, however, on sheet TP-00565, there is no coverage with 1:30,000 scale photography of Rookery and Tide Islands.

On sheet TP-00559 it was impossible to establish points for the compilation of Five Mile Island. It is recommended that a field party establish points for the graphic compilation. A ratio photograph was ordered and sent to the compilation office.

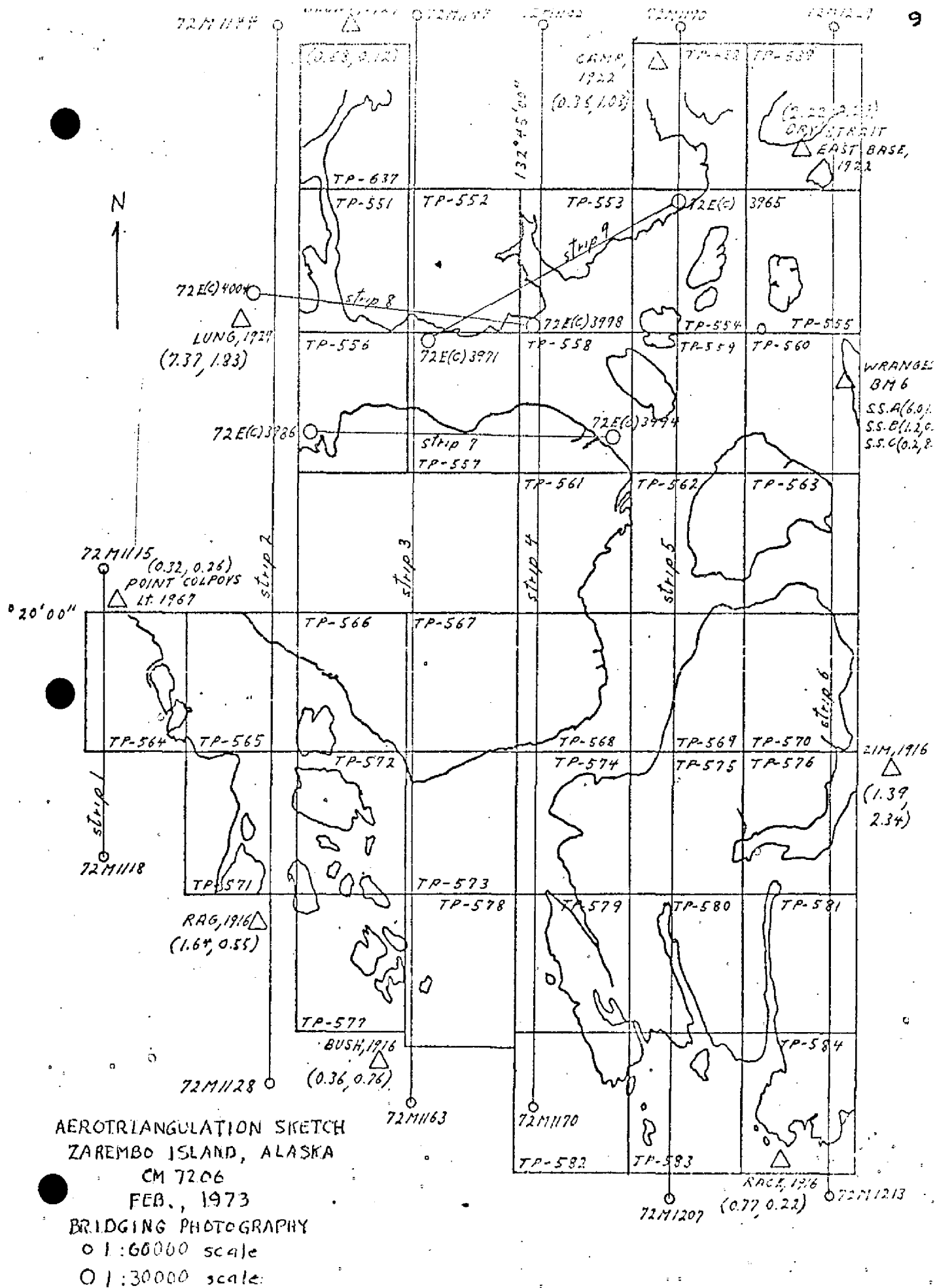
submitted by,

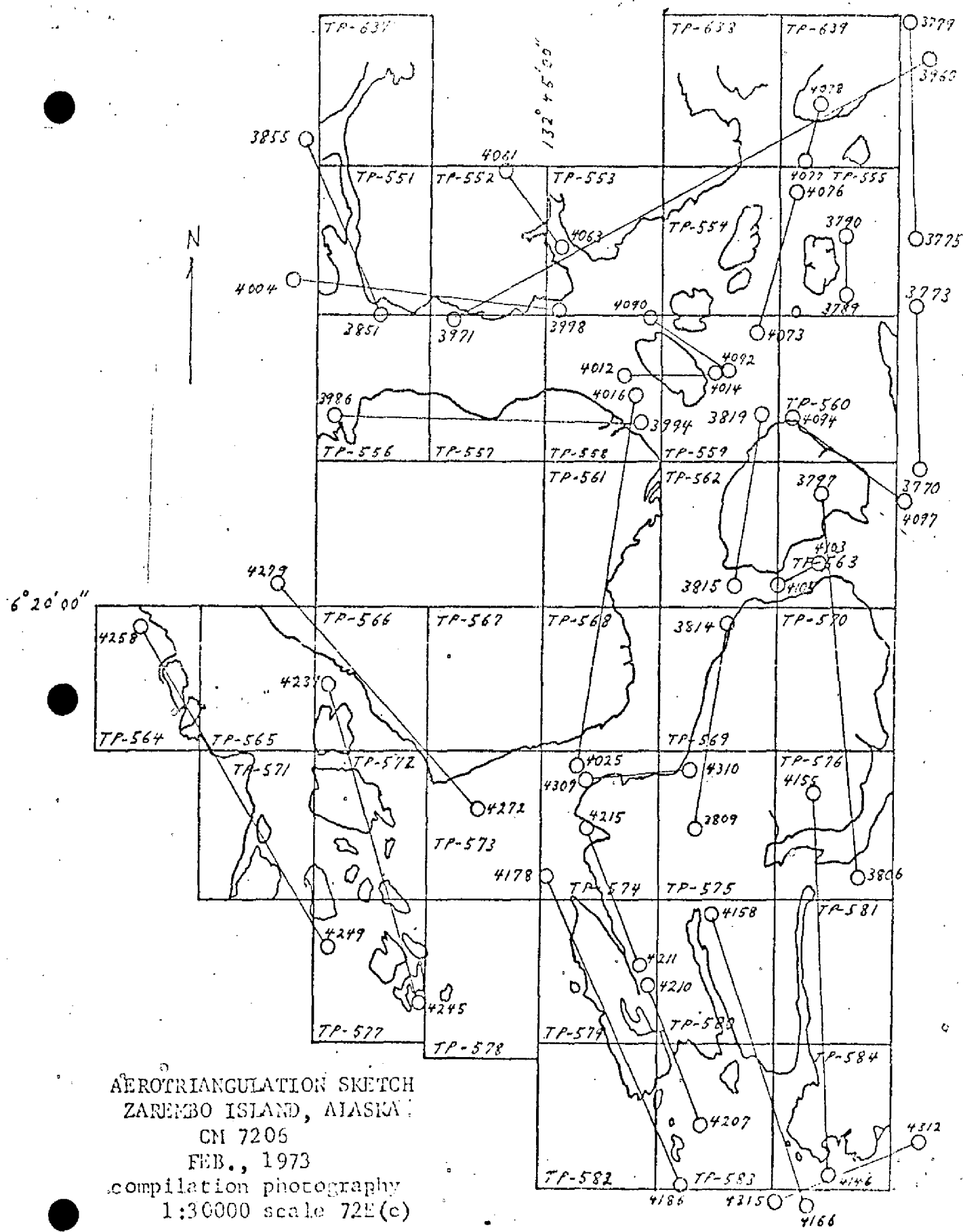
Don O. Norman

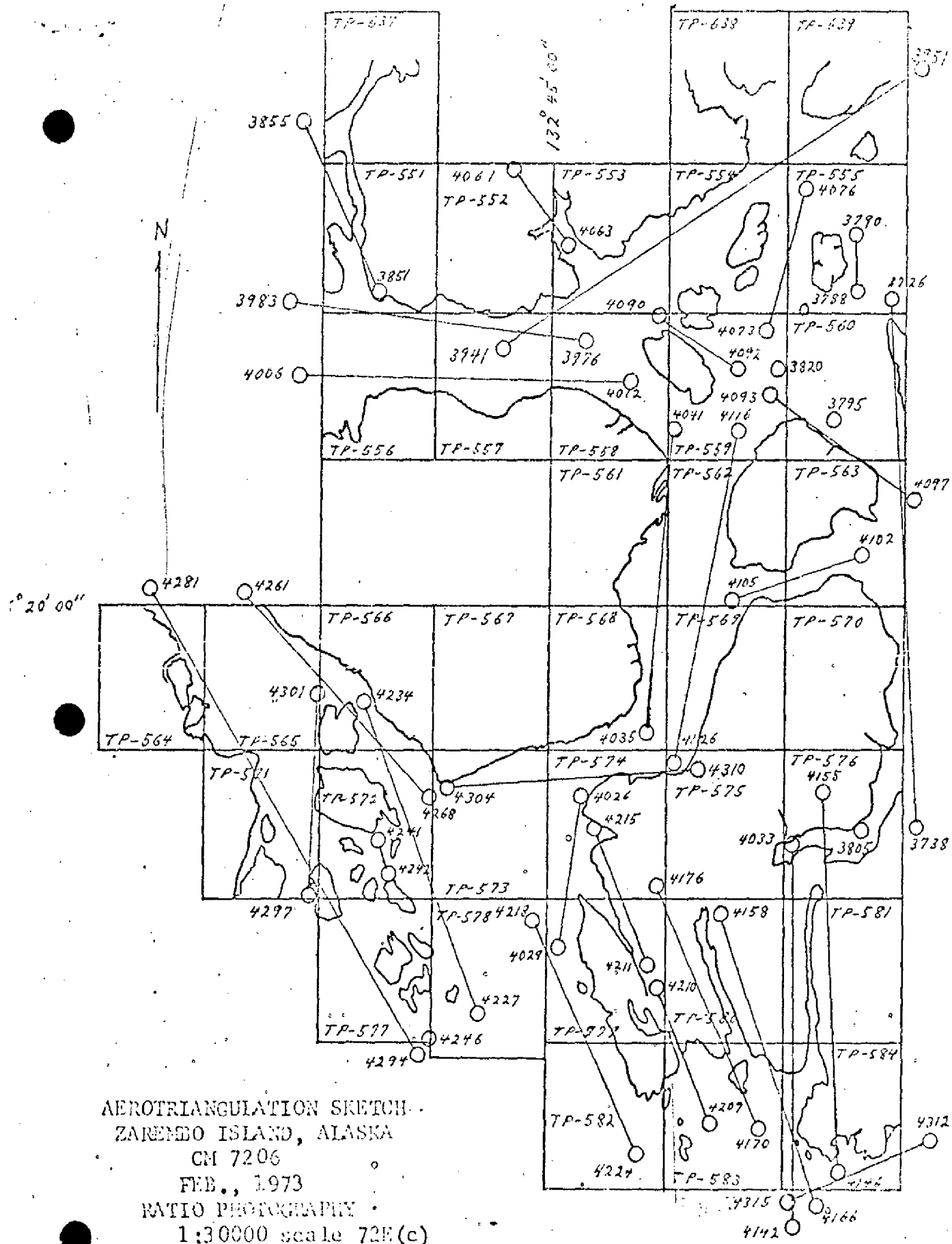
Don O. Norman

Approved by

John D. Perrow
John D. Perrow, Chief, Aerotriangulation Section







ADDENDUM
ZAREMBO ISLAND, ALASKA
CM-7206
January 1974

In the compilation office at the Atlantic Marine Center, it was noticed that when a model in the vicinity of Wrangell Narrows (TP-00551) was set by holding the compilation points, the navigation lights would not plot in their proper positions. In this vicinity the horizontal control station LUNG, 1929, was weighted in the block and would not hold within 7 feet.

It was decided to remeasure several models to determine refined coordinates for MIDWAY ROCK LIGHT, 1929, and PORT ALEXANDER LIGHT, 1929. Plate 72E(C)4004 was also remeasured for another refined coordinate for LUNG, 1929. At this time it was noticed that the refined coordinate for point 004320 was not correct. Corrections were made and all these refined coordinates were placed in their proper place in the block.

Another block adjustment was run just as before, except MIDWAY ROCK LIGHT and PORT ALEXANDER LIGHT were also weighted. This produced satisfactory results. LUNG fit within 0.8 feet, MIDWAY ROCK LIGHT within 2.2 feet and PORT ALEXANDER LIGHT within 3.1 feet. In this same vicinity compilation points changed by as much as 16.7 feet.

It is believed that this block is now properly adjusted and will meet national map accuracy standards. New T-sheets will be ruled and forwarded to AMC for compilation.

Submitted by,

Don O. Norman
Don O. Norman

Approved by:

John D. Perrow, Jr.
John D. Perrow, Jr.
Chief, Aerotriangulation Section

Note: After thorough research it was determined that the name PORT ALEXANDER LIGHT was used incorrectly in this report for POINT ALEXANDER LIGHT 1929. POINT ALEXANDER LIGHT 1929 is adjacent to LUNG 1929 and MIDWAY ROCK LIGHT 1929. PORT ALEXANDER LIGHT is located approximately 2° west of the project area.

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	CM-7206	GEODETTIC DATUM		AEROTRI- ANGULATION POINT NUMBER	SOURCE OF INFORMATION (Index)	COORDINATES IN FEET		GEOGRAPHIC POSITION		REMARKS
			STATE	ZONE			Alaska	1	ϕ LATITUDE	λ LONGITUDE	
TP-00557					41	Vol. 1 P. 141			ϕ 56° 27' 24.229"		
BOULDER, 1916					42	Vol. 1 P. 141			λ 132° 52' 11.556"		
SLOPE, 1916					43	Vol. 1 P. 141			ϕ 56° 29' 42.013"		
TREE, 1916									λ 132° 48' 55.161"		
									ϕ 56° 29' 37.914"		
									λ 132° 46' 01.850"		
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COMPILATION REPORT

TP-00557

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter, using 1:30,000 scale color photographs. The stage of tide was above mean lower low-water at the time of photography, therefore, detail which covers by tide is only partially compiled.

The quality of the photography is adequate for shoreline compilation.

32. CONTROL:

Refer to the Photogrammetric Plot Report, dated February 1973, and the Addendum dated January 1974.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are inapplicable. Drainage was delineated from the compiler's interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

The mean high-water line and alongshore details were delineated from the compiler's interpretation of the photographs.

36. OFFSHORE DETAILS:

Offshore detail was delineated from the compiler's interpretation of the photographs. Details which were submerged at the time of photography were not compiled.

37. LANDMARKS AND AIDS:

There were no charted landmarks and none were noted during compilation.

Form 76-40 concerning a charted light was submitted to the field for verification.

TP-00557

38. CONTROL FOR FUTURE SURVEY:

None.

39. JUNCTIONS:

A satisfactory junction was made with the adjoining contemporary maps. Refer to the Data Record Form 76-36B, item 5.

40. HORIZONTAL AND VERTICAL ACCURACY:

No Statement.

46. COMPARISON WITH EXISTING MAPS:

A comparison has been made with U.S. Geological Survey quadrangle PETERSBURG (B-3) Alaska, scale 1:63,360, dated 1948.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with the U.S. Coast and Geodetic Survey Chart 8160, 7th edition, 1:80,000 scale, dated July 4, 1970.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

Charles E. Blood
for

F. Gustafson
Cartographic Aid
August 23, 1973

Approved and forwarded:

A. C. Rauck, Jr.
Albert C. Rauck, Jr.
Chief, Coastal Mapping Section

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7206 (Clarence and Sumner Straits, Alaska)

TP-00557

Baht Harbor

Howe, Point

Little Baht Harbor

Mitskof Island

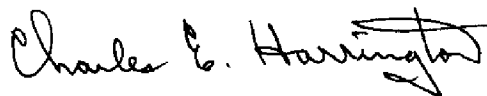
Station Island

Sumner Strait

Woodpecker Cove

Zarembo Island

Approved:



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

FIELD EDIT REPORT

TP-00557

Sumner Strait, Alaska

OPR-448-DA-76

NOAA Ship DAVIDSON

1976

51 METHODS

Field edit on the northern portion of manuscript TP-00557 was accomplished under Project Instructions OPR-448-DA-76, Sumner Strait, Alaska, dated 10 June 1976. The field edit investigation was performed on 11 October 1976 (JD 285). The field edit for the southern portion of the manuscript was accomplished during prior survey OPR-448-DA-75 (project instructions dated 18 June 1975). A copy of the 1975 Field Edit Report which covers the area from Boulder Point to Little Baht Harbor, Zarembo Island, is appended. The field edit investigation was conducted in a small skiff near times of low water. The weather was fair. The Field Print and field photographs (matte ratio photographs 72E3978 and 72E3942) were taken into the field. The Field Print was annotated with pencil.

Ink colors used to process the field edit data were as follows:

FIELD PHOTOGRAPHS:	Violet
FIELD EDIT SHEET:	Red - Additions Green - Deletions Violet - References to photos
FINAL FIELD SHEET:	Black - Manuscript, no change Red - Additions

Detached positions have been recorded and processed with the hydrographic records for H-9572 (OPR-448-DA-76). Positions are indexed on the Field Edit Sheet.

Greenwich Mean Time was recorded with all elevations and depths. During field edit, tide gages were operating at Point Howe, Vank Island, Greys Island and Dry Strait. See Field Tide Note, OPR-448-DA-76.

52 ADEQUACY OF COMPILATION

The map compilation is complete and adequate with this field edit applied.

53 MAP ACCURACY

The high water line as depicted on the map is accurate.

54 RECOMMENDATIONS

None.

56 MISCELLANEOUS

Form 76-40 "Nonfloating Aids or Landmarks for Charts" is attached to this report. No preliminary Form 76-40's were furnished.

A Discrepancy Print with supplemental questions was not furnished with the project materials. A MYLAR Field Edit Sheet was made aboard the DAVIDSON using the Grid, Signal and Lattice Plot Program RK-201 (version 4/18/75). The land features were traced from one of the ozalid prints.

Submitted by:

Gerald E. Wheaton

Gerald E. Wheaton
ENS, NOAA

Approved and Forwarded by:

Christian Andreassen

Christian Andreassen
CDR, NOAA
Commanding Officer

FIELD EDIT REPORT

TP-00557

BOULDER PT - LITTLE BAHT HARBOR

OPR-448

SUMNER STRAIT, ALASKA

NOAA SHIP DAVIDSON CSS-31

CDR M.H. FLEMING

COMMANDING

OPR 448 FIELD EDIT

COVER SHEET

MANUSCRIPTS TP-00551, TP-00556, and TP-00557

Field edit reports for the above three manuscripts follow. Maps TP-00551 and TP-00556 apply to hydrographic survey H-9571. Map TP-00557 applies to the incomplete survey H-9572. This manuscript has been field edited only for the area corresponding to the completed work on H-9572.

All fixes taken in support of this field edit have been treated as hydrographic data and logged as detached positions. Verification of these fixes is to be accomplished in conjunction with survey verification at the Pacific Marine Center. These data are abstracted in each report.

Numerous features have been identified photogrammetrically. These require compilation by the Costal Mapping Division. The sources for this data are the Field Edit Sheet, Discrepancy Ozalids, and photographs.

Appended to these reports are copies of the hydrographic signal list and an Abstract of Tides Requirements for surveys H-9571 and H-9572 and this field edit.

(51 METHODS)

Field edit for TP-00557 was accomplished in accordance with project instructions OPR-448-DA-75 dated June 18, 1975.

OPORDER procedures were followed for field edit conducted with HYDROPLOT support in conjunction with hydrography.

A field ozalid and field photographs 72E4008, 72E4009, and 72E4010 were taken into the field to identify and verify compiled features. The field edit was conducted on JD 278 and 280 from a Monark skiff (vessel 3136) during morning low tide. Because of heavy swells on JD 278, field edit operations were suspended until calm seas on JD 280. The skiff was outfitted with Motorola MINIRANGER positioning equipment (MINIRANGER CONSOLE S/N 710 and R/T unit S/N 719 to obtain fixes and to verify positions of features.

The field editor plotted the electronic fixes immediately in the field. Where fixes confirmed photogrammetric compilation, The fix data was not recorded. Since all rocks, ledges, and shoreline could be identified on the photographs, it was not necessary to record any fix data for TP-00557.

All original data was recorded on the field ozalid at the time of investigation by the field editor. All times are referenced to GMT(Z).

A tide gage was in operation on Pt. Howe at the time the field edit was conducted. Field data from this gage should be valuable in reducing the field edit for this sheet.

Additions/revisions, verified features, and original field data (there were no deletions) are noted on field photographs 72E4008, 72E4009, 72E4010, and the Hydrographic Field Sheet (smooth). Additions/revisions are noted on the mylar Field Edit Sheet with reference to the applicable photographs for complete field data.

Standard ink colors were followed and are as below.

FIELD PHOTO

verified compiled items	violet ink
added/revised items	red ink

FIELD EDIT SHEET

added/revised items	red ink
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HYDROGRAPHIC FIELD SHEET (smooth)

verified mapped features	black ink
added/revised features	red ink

(52 ADEQUACY OF COMPILATION)

Field edit on TP-00557 is not complete as the northern shoreline was not field edited. However, the southern map compilation is adequate and complete for charting with this field edit applied.

(53 MAP ACCURACY)

The southern shoreline and foreshore features were found to be accurate. Offshore features can be clearly identified on the photographs and should be added to the map.

(54 RECOMMENDATIONS)

This manuscript should be considered incomplete; however, the southern shore is complete for charting purposes. Station Island Light was verified by geodetic methods. Refer to the attached 76-40.

(56 MISCELLANEOUS)

One form 76-40 is completed for this manuscript and is attached.

Respectfully submitted,

Mary M. Huestis

Mary M. Huestis
ENS, NOAA

Approved and forwarded,

Michael H. Fleming

M.H. Fleming
CDR, NOAA
Chief of Party

REVIEW REPORT
SHORELINE

TP-00557

61. GENERAL STATEMENT:

See the summary included with this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Not applicable.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with Hydrographic Survey H-9572, 1:10,000 scale, dated September 26, 1977. There were no conflicts.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with NOS chart 17382, 1:80,000 scale, dated July 1981. The chart compared well with this manuscript.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

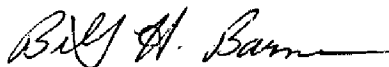
This map complies with the Project Instructions, and meets the requirements for National Standards of Map Accuracy.

Submitted by:



James L. Byrd, Jr.
Final Reviewer

Approved for forwarding:



Billy H. Barnes
Chief, Quality Assurance Group, AMC

Approved:

Chief, Photogrammetric Productions Sec. Chief, Photogrammetry Branch



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.

[illegible]