TP-00558

TP-00558

NOAA FORM 76-35
(6-80)

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

DESCRIPTIVE REPORT

Map No.	*Edition No.*
TP-00558	1

Job No.
CM-7206

Map Classification
FINAL FIELD EDITED MAP

Type of Survey
SHORELINE

LOCALITY

State
ALASKA

General Locality
ZAREMBO ISLAND

Locality
MIDDLE CRAIG POINT

19 72 TO 19 76

REGISTERED IN ARCHIVES

DATE

*U.S. GOVERNMENT PRINTING OFFICE: 1980-665-115

NOAA FORM 76-36A (3-72)

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

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY
- [X] ORIGINAL
- [ ] RESURVEY
- [ ] REVISED

SURVEY TP-00558
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 PRECEEDING MAP EDITION
TYPE OF SURVEY
- [ ] ORIGINAL
- [ ] RESURVEY
- [ ] REVISED

JOB PH-
MAP CLASS
SURVEY DATES:
19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE		2. FIELD	
Aerotriangulation	Sept. 19, 1972	Field	Jan. 26, 1972
Compilation	Feb. 22, 1973		

II. DATUMS

1. HORIZONTAL: [X] 1927 NORTH AMERICAN — OTHER (Specify)

2. VERTICAL: [X] MEAN HIGH-WATER; [ ] MEAN LOW-WATER; [ ] MEAN LOWER LOW-WATER; [ ] MEAN SEA LEVEL — OTHER (Specify)

3. MAP PROJECTION: Polyconic

4. GRID(S): STATE: Alaska; ZONE: 1

5. SCALE: 1:10,000 — STATE: ; ZONE:

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION	BY	D. Norman	Feb. 1973
METHOD: Analytic-Block	LANDMARKS AND AIDS BY		
2. CONTROL AND BRIDGE POINTS	PLOTTED BY	R. Robertson	Mar. 1974
METHOD: Calcomp	CHECKED BY	R. Robertson	Mar. 1974
3. STEREOSCOPIC INSTRUMENT COMPILATION	PLANIMETRY BY	L. Neterer, Jr.	July 1973
	CHECKED BY	R. White	July 1973
INSTRUMENT: Wild B-8	CONTOURS BY	N.A.	
SCALE: 1:15,000	CHECKED BY	N.A.	
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	F. Gustafson	Aug. 1973
	CHECKED BY	F. Margiotta	June 1974
METHOD: Smooth draft	CONTOURS BY	N.A.	
	CHECKED BY	N.A.	
SCALE: 1:10,000	HYDRO SUPPORT DATA BY	F. Gustafson	Aug. 1973
	CHECKED BY	F. Margiotta	June 1974
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	F. Margiotta	June 1974
6. APPLICATION OF FIELD EDIT DATA	BY	J. Roderick	Apr. 1977
	CHECKED BY	J. Byrd	May 1977
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	BY		

NOAA FORM 76-36A SUPERSEDES FORM C&GS 181 SERIES

* U.S. G.P.O. 1972-769382/582 REG.#6

NOAA FORM 76-36B
(3-72)

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

TP-00558

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S)
Wild RC-8 "E" FL = 152.71mm

TIDE STAGE REFERENCE
- [X] PREDICTED TIDES
- [ ] REFERENCE STATION RECORDS
- [ ] TIDE CONTROLLED PHOTOGRAPHY

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

TIME REFERENCE
ZONE: Pacific
MERIDIAN: 120th
- [X] STANDARD
- [ ] DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
72 E(C) 4011-4012	6-23-73	09:57	1:30,000	8.8 ft. above MLLW
72 E(C) 4066-4067	6-23-73	10:35	1:30,000	10.0 ft. above MLLW
*72 E(C) 4090, 4091	6-23-73	11:05	1:30,000	10.9 ft. above MLLW
*72 E(C) 3991-3993	6-23-73	09:40	1:30,000	8.1 ft. above MLLW
*72 E(C) 4016-4018	6-23-73	10:08	1:30,000	9.1 ft. above MLLW
*72 E(C) 4012, 4013	6-23-73	09:57	1:30,000	8.8 ft. above MLLW

REMARKS

*Compilation photographs

2. SOURCE OF MEAN HIGH-WATER LINE:

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

3. SOURCE OF [redacted] 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-00553	TP-00559	TP-0561	TP-00557

REMARKS

*U.S. GOVERNMENT PRINTING OFFICE:1977-765-092

NOAA FORM 76-36C
(3-72)

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

TP-00558

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION ☒ FIELD EDIT OPERATION

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		C. Andreasen	Sept. 1976
2. HORIZONTAL CONTROL	RECOVERED BY	None	
	ESTABLISHED BY		
	PRE-MARKED OR IDENTIFIED BY	N.A.	
3. VERTICAL CONTROL	RECOVERED BY	N.A.	
	ESTABLISHED BY		
	PRE-MARKED OR IDENTIFIED BY		
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED *(Triangulation Stations)* BY	M. Wencker	Sept. 1976
	LOCATED *(Field Methods)* BY	M. Wencker	Sept. 1976
	IDENTIFIED BY	M. Wencker	Sept. 1976
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION — BY		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	M. Wencker	Sept. 1976
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N.A.	

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)*

72 E(C) 4011-4012, 72 E(C) 4066-4067, 72 E(C) 4090

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
72 E(C) 4011	CRAIG POINT LIGHT		
72 E(C) 4090	TWO TREE ISLAND LIGHT		

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)*

Film Field Edit Ozalid
Field Report OPR-448-DA-76

NOAA FORM 76-36C
(3-72)

*U.S. GOVERNMENT PRINTING OFFICE:1977-765-092

NOAA FORM 76-36D
(3-72)

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

TP-00558

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	Aug. 28, 1973	Class III Map	June 28, 1974	June 28, 1974
Field edit applied compilation complete	Apr. 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	2 aids to be charted.

2. [X] REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: July 1, 1977
3. [ ] REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

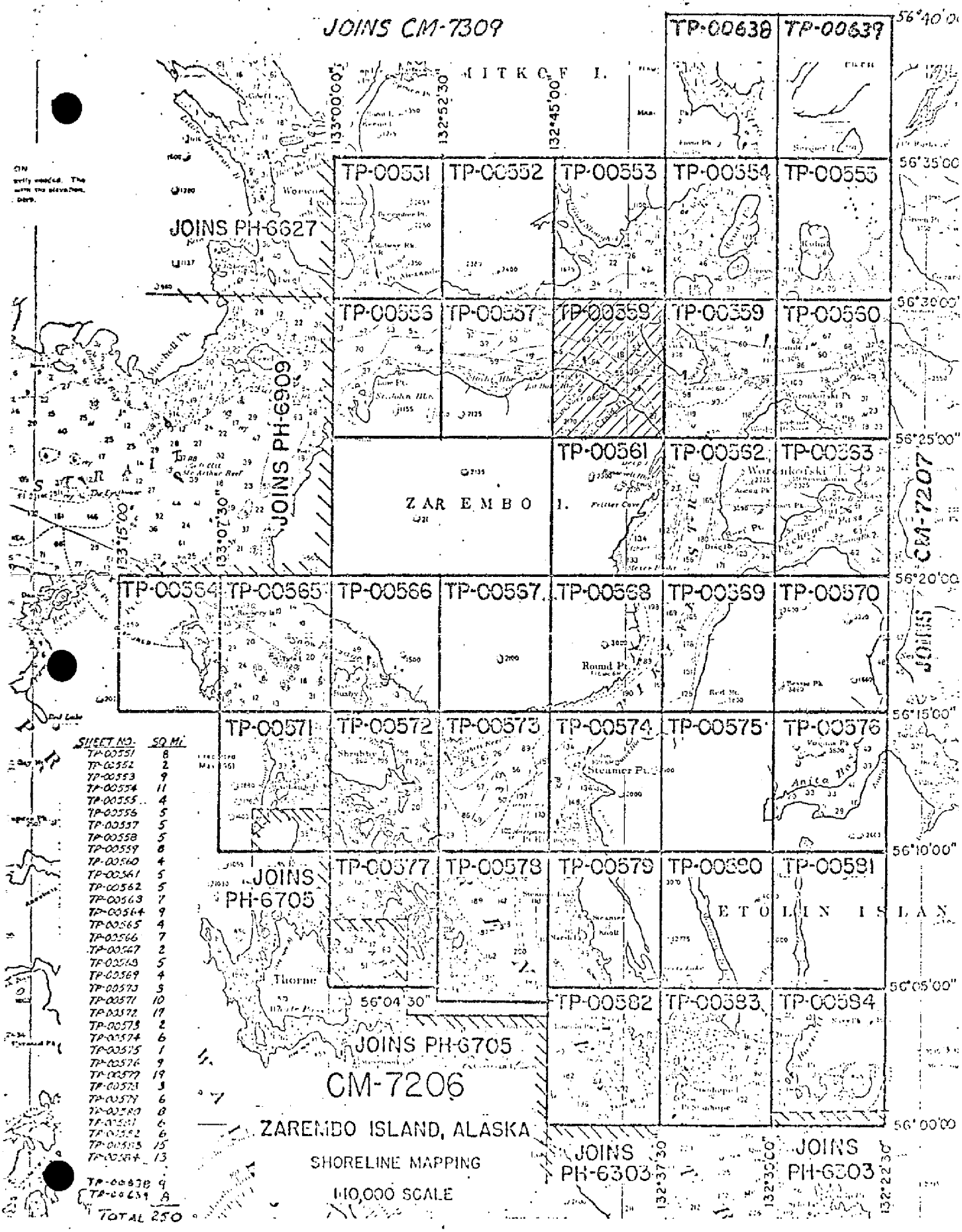
1. [X] BRIDGING PHOTOGRAPHS; [X] DUPLICATE BRIDGING REPORT; 76-40 [X] COMPUTER READOUTS.
2. [X] CONTROL STATION IDENTIFICATION CARDS; [X] FORM NOS ~~567~~ SUBMITTED BY FIELD PARTIES.
3. [ ] SOURCE DATA *(except for Geographic Names Report)* AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:

4. [ ] DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS *(This section shall be completed each time a new map edition is registered)*

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

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



SHEET NO.	SQ MI
TP-00551	8
TP-00552	2
TP-00553	9
TP-00554	11
TP-00555	4
TP-00556	5
TP-00557	5
TP-00558	5
TP-00559	8
TP-00560	4
TP-00561	5
TP-00562	5
TP-00563	7
TP-00564	9
TP-00565	4
TP-00566	7
TP-00567	2
TP-00568	5
TP-00569	4
TP-00570	3
TP-00571	10
TP-00572	19
TP-00573	2
TP-00574	6
TP-00575	1
TP-00576	9
TP-00577	19
TP-00578	3
TP-00579	6
TP-00580	8
TP-00581	6
TP-00582	6
TP-00583	15
TP-00584	13
TP-00638	9
TP-00639	8
TOTAL	250

REVISED 5/10/72 R.W.M.
REVISED 4/23/73 R.W.M.

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00558

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 June 1974.

Field edit was acquired for TP-00558 during the 1976 field season. Field edit was applied at AMC in May 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-00558

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.

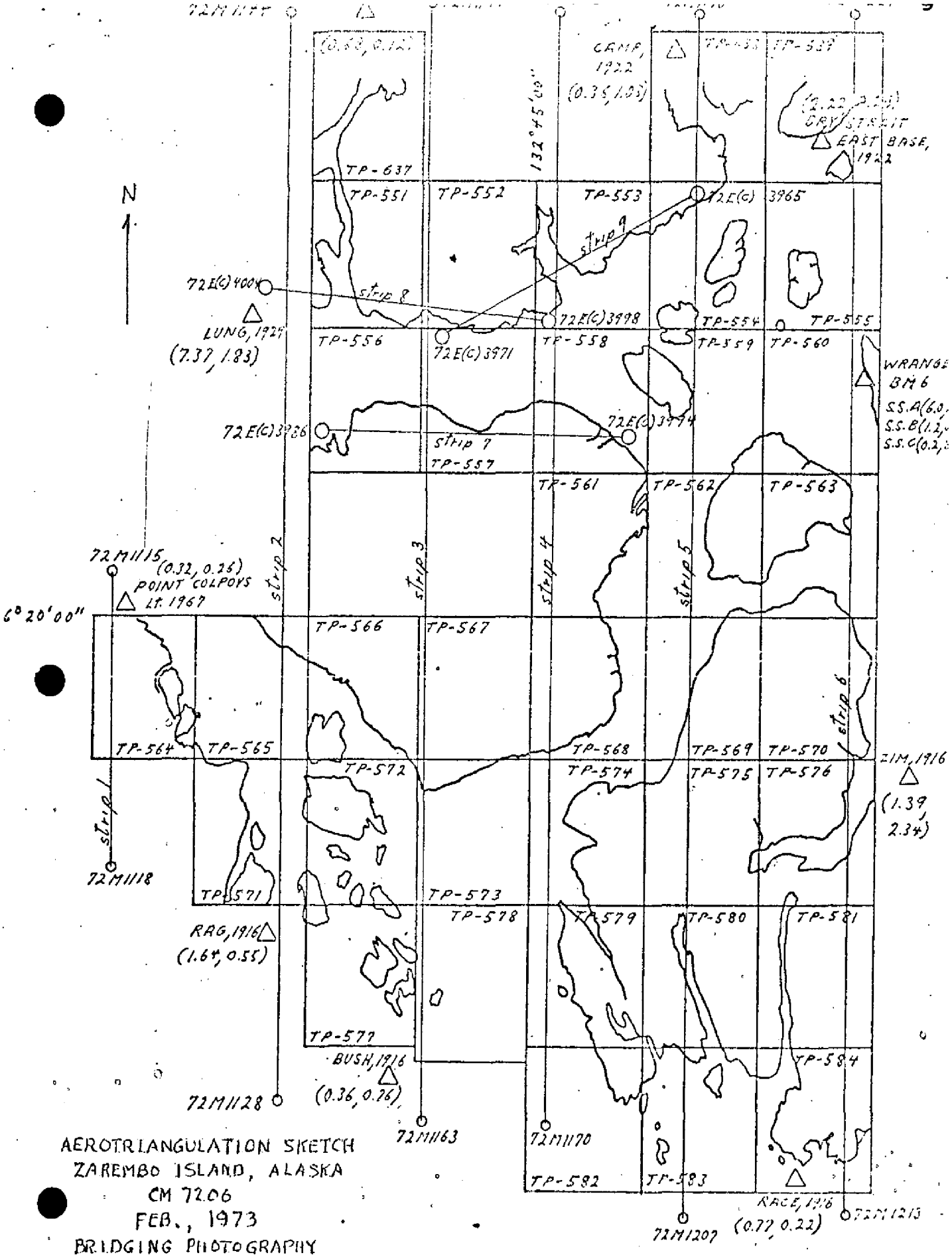
submitted by,

Don O. Norman

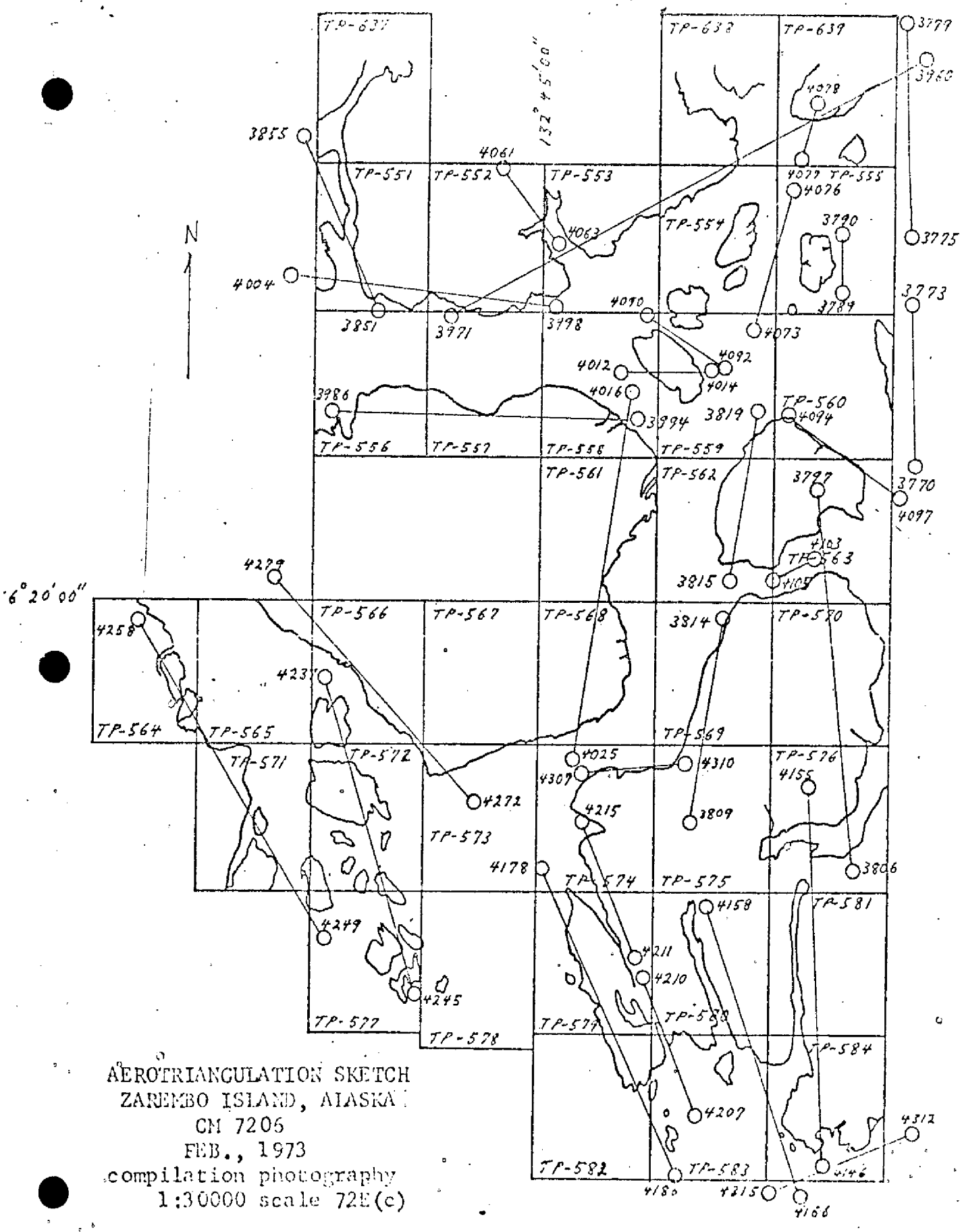
Don O. Norman

Approved by

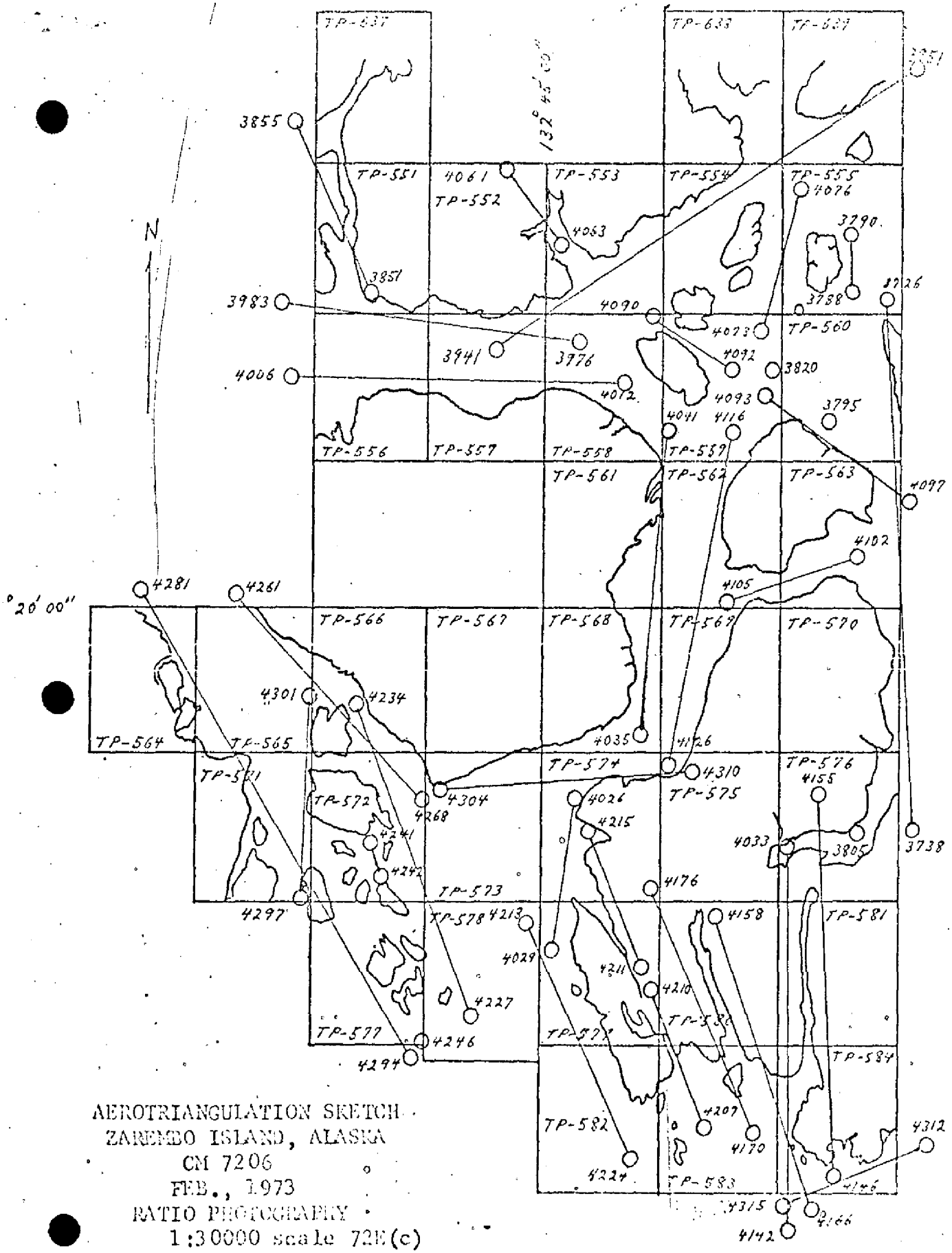
John D. Perrow, Chief, Aerotriangulation Section



AEROTRIANGULATION SKETCH
ZAREMBO ISLAND, ALASKA
CM 72.06
FEB., 1973
BRIDGING PHOTOGRAPHY
○ 1:60000 scale
○ 1:30000 scale



AEROTRIANGULATION SKETCH
ZAREMBO ISLAND, ALASKA
CM 7206
FEB., 1973
compilation photography
1:30000 scale 72E(c)



AEROTRIANGULATION SKETCH
ZAREMBO ISLAND, ALASKA
CM 7206
FEB., 1973
RATIO PHOTOGRAPHY
1:30000 scale 72E(c)

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.

NOAA FORM 76-41
(6-75)

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

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY
TP-00558	CM-7206	N.A. 1927	Coastal Mapping Division, AMC, Norfolk, VA

STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE Alaska ZONE 1	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	REMARKS
MOVE, 1916	Vol. 1 P. 140	47	x=	φ 56° 29' 14.106"	
			y=	λ 132° 38' 59.528"	
DIM, 1916	Vol. 1 P. 140	44	x=	φ 56° 27' 30.484"	
			y=	λ 132° 44' 42.737"	
OFF, 1916	Vol. 1 P. 140	45	x=	φ 56° 27' 25.150"	
			y=	λ 132° 42' 51.101"	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	

COMPUTED BY	DATE	COMPUTATION CHECKED BY	DATE
A. C. Rauck, Jr.	3/14/73	F. Margiotta	3/19/73
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

TP-00558

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.

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.

Forms 76-40 concerning two charted lights was submitted to the field for verification.

TP-00558

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 quadrangles PETERSBURG (B-2) and (B-3) Alaska, 1:63,360 scale, 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 1973

Approved and forwarded:

J. Boyd, for
Albert C. Rauck, Jr.
Chief, Coastal Mapping Section

JUN 18 1987
16

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7206 (Clarence and Sumner Straits, Alaska)

TP-00558

Craig Point

Middle Craig Point

Sumner Point

Two Tree Island

Vank Island

Zarembo Island

Approved:

Charles E. Harrington

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

FIELD EDIT REPORT

TP-00558

Sumner Strait, Alaska

OPR-448-DA-76

NOAA Ship DAVIDSON

1976

51 METHODS

Field edit on manuscript TP-00558 was accomplished in accordance with Project Instructions OPR-448-DA-76, Sumner Strait, Alaska, dated 10 June 1976. PMC OPORDER procedures for field edit assigned with hydrographic operations were used.

Shoreline investigation was performed from a skiff near times of low tide on 21-23 September (JD 265-267) and 29 September (JD 273) 1976. Weather was generally overcast and calm; vertical water visibility was about 5 feet. The Field Print, to which questions from the Discrepancy Print had been transferred, was used to record elevations, soundings, answers to questions and other descriptive information while in the field. Notes relating to photogrammetrically identifiable objects were transferred in violet ink to the following field photographs (matte ratio photographs 72E4011, 72E4012, 72E4067, 72E4066 and 72E4090).

Data from the Field Print was applied to the Field Edit Sheet, using red ink for additions, green ink for deletions and violet ink for photo indexing. Positions of all existing navigational aids were verified and newly established horizontal control stations were plotted on the Field Edit Sheet.

Detached positions have been recorded and processed with hydrographic data for the project and are indexed on the Field Edit Sheet. All hydrographic detached position information is included in the hydrographic records for H-9572 and H-9650 (OPR-448-DA-76). Details are shown on the Final Field Sheet in black, for no change from the manuscript, or red, for additions.

All times are referenced to Greenwich Mean Time. 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 mean high water line was generally complete and adequate as compiled. However, compilation of foreshore features was inadequate. Much field edit time was spent compiling photogrammetrically identifiable features which could have been previously compiled on

the Class III manuscript.

With this field edit applied, the map compilation is complete and adequate for charting.

53 ACCURACY

The mean high water line as depicted on the manuscript was accurate.

54 RECOMMENDATIONS

Though the photographs were taken at 8-11 feet of tide, many foreshore features were readily visible. All such photogrammetrically identifiable features should have been compiled on the Class III manuscript to be field edited. The field editor could then have more effectively accomplished verification and revision of the manuscript.

56 MISCELLANEOUS

Form 76-40 "Nonfloating Aids or Landmarks for Charts" is attached to this report. No preliminary Form 76-40's were furnished. There were no objects of landmark value found in the mapped area. Navigational aids were located by Third-order triangulation methods. See Horizontal Control Note OPR-448-DA-76. The two lights on this Field Edit Sheet are correctly charted on Chart No. 17382, but the positions plotted on TP-00558 had to be corrected.

Submitted by:

M. Christine Wencker

M. Christine Wencker
LTJG, NOAA

Approved and Forwarded by:

Christian Andreasen

Christian Andreasen
CDR, NOAA
Commanding Officer

REVIEW REPORT
SHORELINE

TP-00558

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 the following Hydrographic Surveys:

H-9572, 1:10,000 scale, dated September 26, 1977
H-9650, 1:10,000 scale, dated October 21, 1977.

There were no conflicts.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with the following NOS charts:

17382, 1:80,000 scale, dated July 25, 1981
17384, 1:20,000 scale, dated December 24, 1983.

The charts compared well with this manuscript.

TP-00558

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

FORM C&GS-8352
(3-29-63)

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. ____________________

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

CHART	DATE	CARTOGRAPHER	REMARKS
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
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