

TP-00556

TP-00556

NOAA FORM 76-35 (6-80)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. TP-00556	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 ST. JOHN HARBOR	
1972 TO 1975	
REGISTERED IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, Norfolk, VA OFFICER-IN-CHARGE Jeffrey G. Carlen		SURVEY TP-00556 MAP EDITION NO. (1) MAP CLASS Final JOB MP CM-7206	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, Norfolk, VA OFFICER-IN-CHARGE Jeffrey G. Carlen		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__	
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) STATE Alaska ZONE 1	
5. SCALE 1:10,000		STATE ZONE	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	
DATE			
1. AEROTRIANGULATION BY METHOD: Analytic-Block LANDMARKS AND AIDS BY		D. Norman Feb. 1973	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Calcomp CHECKED BY		R. Robertson Feb. 1974	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: Wild B-8 SCALE: 1:15,000 CONTOURS BY CHECKED BY		L. Neterer, Jr. July 1973 R. White July 1973 None None	
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY METHOD: Smooth draft and graphic SCALE: 1:10,000 HYDRO SUPPORT DATA BY CHECKED BY		C. Parker Aug. 1973 A. Shands Apr. 1974 None None C. Parker Aug. 1973 A. Shands Apr. 1974	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		A. Shands Apr. 1974	
6. APPLICATION OF FIELD EDIT DATA BY		F. Margiotta Mar. 1976	
7. COMPILATION SECTION REVIEW BY		J. Minton Mar. 1976	
8. FINAL REVIEW BY		C. Blood July 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		P. Dempsey Dec. 1988	

NOAA FORM 76-36B (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY TP-00556 COMPILATION SOURCES			
I. 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	
**69 E(C) 1000-1002	8-5-69	12:54	1:30,000	4.4 ft. above MLLW	
*72 E(C) 3986-3989	6-23-72	09:40	1:30,000	8.1 ft. above MLLW	
72 E(C) 4006-4007	6-23-72	09:48	1:30,000	8.3 ft. above MLLW	
REMARKS **Photos flown as part of job PH-6909. *Compilation photographs. The compilation area west of longitude 132° 59.4' was compiled graphically.					
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 TP-00551	EAST TP-00557	SOUTH No Survey	WEST PH-6909 T-12464 & T-12465		
REMARKS					

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

TP-00556

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	M. Fleming	Sept. 1975
2. HORIZONTAL CONTROL	RECOVERED BY J. Sarb	Sept. 1975
	ESTABLISHED BY J. Sarb	Sept. 1975
	PRE-MARKED OR IDENTIFIED BY None	
3. VERTICAL CONTROL	RECOVERED BY None	
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY None	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY J. Sarb	Sept. 1975
	LOCATED (Field Methods) BY J. Sarb	Sept. 1975
	IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY J. Sarb	Sept. 1975
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N.A.	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

Matte 72 E(C) 3986 and 4007

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)

76-40

Map Copy

NOAA FORM 76-36D
(3-72)

TP-00556

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

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. 1973	Class III Map	June 28, 1974	June 28, 1974
Manuscript redrafted as a result of rebridging	Mar. 1974	Class III Map		
Field edit applied, compilation complete	Mar. 1976	Class I Map	Mar. 18, 1976	Mar. 18, 1976
Final Review	July 1986	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. ☐ 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

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with the elevation,
bare.

JOINS PH-6627

JOINS PH-6909

ZAREMBO I.

JOINS
PH-6705

JOINS PH-6705

CM-7206

ZAREMBO ISLAND, ALASKA

SHORELINE MAPPING

1:10,000 SCALE

TP-00638 TP-00639

TP-00551 TP-00552 TP-00553 TP-00554 TP-00555

TP-00556 TP-00557 TP-00558 TP-00559 TP-00560

TP-00561 TP-00562 TP-00563

TP-00564 TP-00565 TP-00566 TP-00567 TP-00568 TP-00569 TP-00570

TP-00571 TP-00572 TP-00573 TP-00574 TP-00575 TP-00576

TP-00577 TP-00578 TP-00579 TP-00580 TP-00581

TP-00582 TP-00583 TP-00584

JOINS PH-6303

JOINS PH-6303

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 12
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 5/18/72 R.W.W.
REVISED 4/23/73 R.W.W.

6

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00556

This final Class III 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-00556 during the 1975 field season. Field edit was applied at AMC in March 1976.

Final review was accomplished at the Atlantic Marine Center in July 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-00556

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.

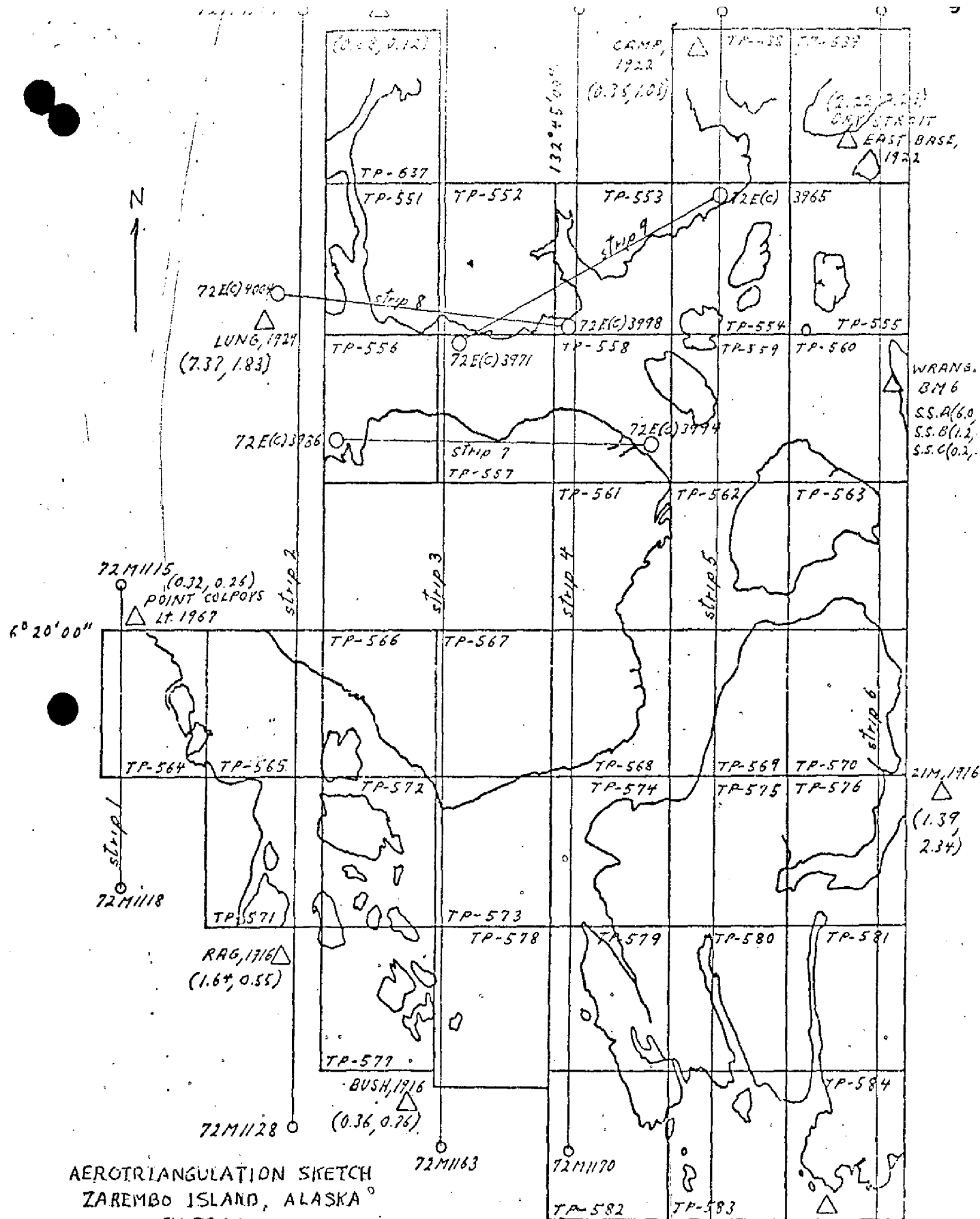
submitted by,

Don O. Norman

Don O. Norman

Approved by

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



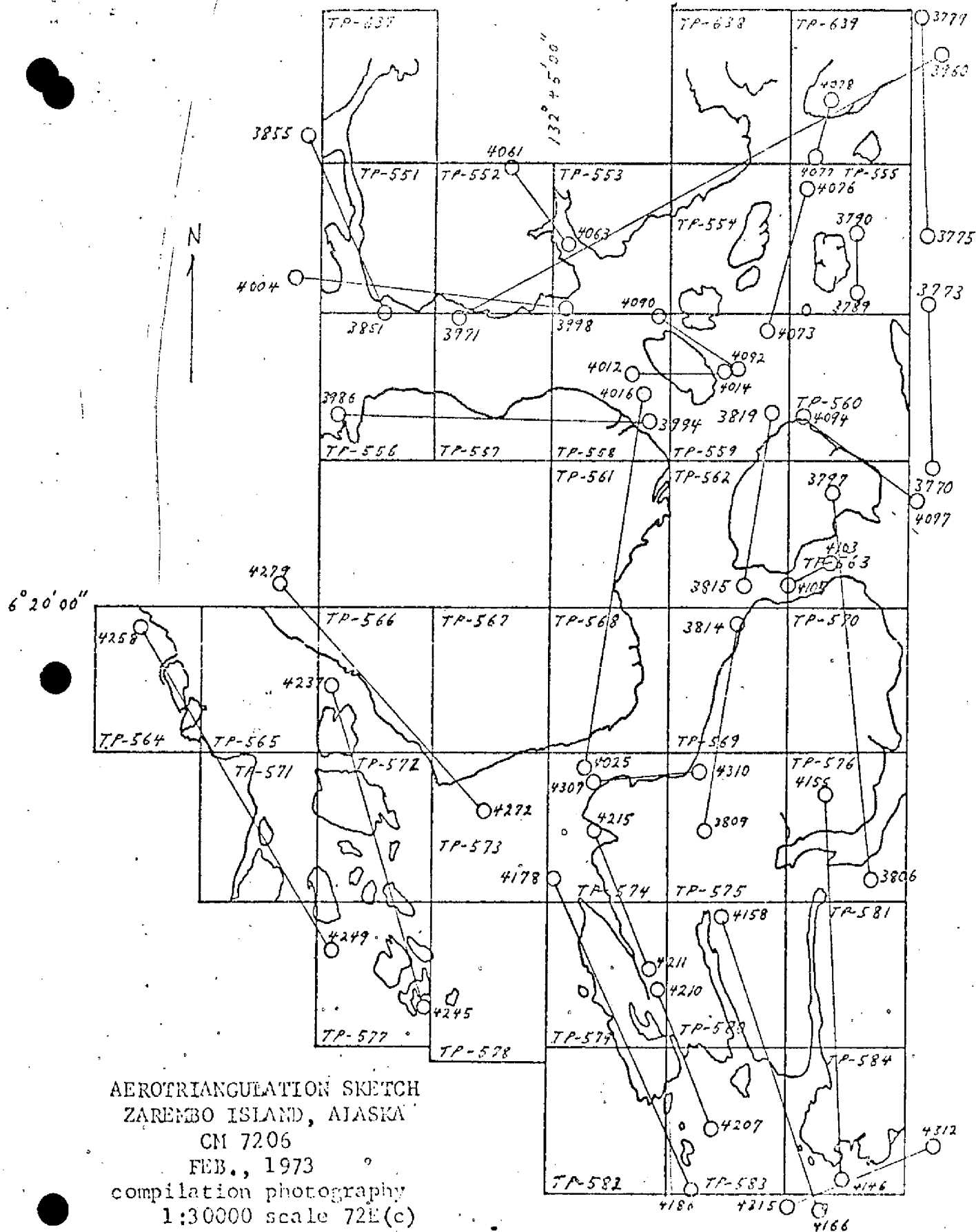
AEROTRIANGULATION SKETCH
ZAREMBO ISLAND, ALASKA
CM 7206

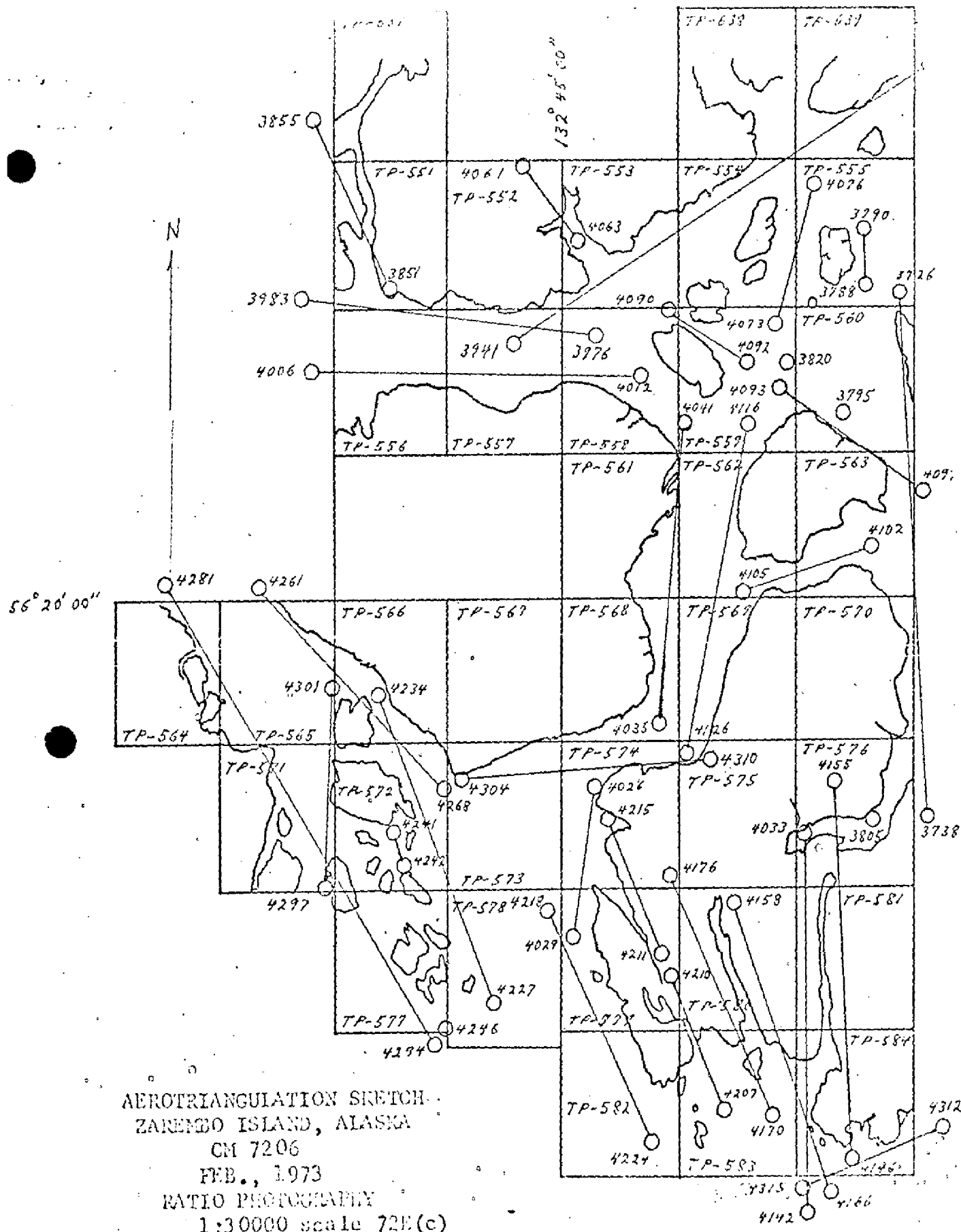
FEB., 1973

BRIDGING PHOTOGRAPHY

001:60000 scale

01:30000 scale





ADDENDUM
ZARENBO 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 (8-75)				U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION			
DESCRIPTIVE REPORT CONTROL RECORD				GEODETTIC DATUM			
MAP NO.	JOB NO.	CM-7206	COORDINATES IN FEET	GEOGRAPHIC POSITION		ORIGINATING ACTIVITY	
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	STATE	ALASKA	φ LATITUDE	λ LONGITUDE	Division, AMC, Norfolk, VA
			ZONE	1			Coastal Mapping
RUG, 1916	Vol. 1 P. 141	40	X=		φ	56° 27' 28.891"	
			Y=		λ	132° 53' 50.338"	
			X=		φ		
			Y=		λ		
			X=		φ		
			Y=		λ		
			X=		φ		
			Y=		λ		
			X=		φ		
			Y=		λ		
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			X=		φ		
			Y=		λ		
			X=		φ		
			Y=		λ		
COMPUTED BY A. C. Rauck, Jr.	DATE 3/14/73	COMPUTATION CHECKED BY F. Margiotta	DATE 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-00556

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter, except for the area sans stereoscopic photo-model coverage (west of 132° 59.3' longitude) which was compiled graphically. See Notes to compiler, a supplement of the Photogrammetric Plot Report.

Color, 1:30,000 scale photography was used for compilation. 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 day-beacon was submitted to the field for verification.

TP-00556

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 U.S. Coast and Geodetic Survey Chart 8160, 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

Charles Parker
Cartographic Aid
August 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-00556

Low Point

Northerly Island

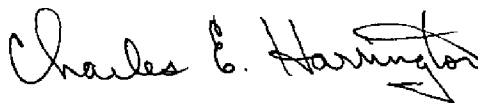
Saint John Harbor

Southerly Island

Sumner Strait

Zarembo Island

Approved: .



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

FIELD EDIT REPORT
TP-00556
ST JOHN HARBOR
SUMNER STRAIT, ALASKA
OPR 448

NOAA SHIP DAVIDSON
1975

(51 METHODS)

Field Edit on TP-00556 was accomplished under project instructions OPR-448-DA-75, Sumner Strait, Alaska, dated June 18, 1975, and as per change No. 4-75 PMC OPODER.

OPODER procedures for field edit with HYDROPLOT support in conjunction with hydrography were used.

A discrepancy sheet and matte ratio photographs 72E3986 and 4007 were taken into the field to investigate and identify features.

The Field Edit investigation was performed on September 21 and 22, 1975, from a small skiff equipped with Motorola MINIRANGER (Console #716 and R/T #709) at low tide.

Fixes were controlled electronically with Motorola MINIRANGER III. Three independent, calibrated rates were observed. Fixes were plotted in the field. Where fixes confirmed photogrammetric compilation, no fix data was recorded. Fixes were recorded when locating new features or revising mapped features.

The fix abstracts were processed as follows:

1. When the field editor took a fix, he radioed data to the ship. Program RK 300 function 10 (Electronic Rates to Electronic Rates) was used to immediately compute the third true rate from the two observed rates (corrected for calibration error). The computed third rate was then compared to the observed third rate to assure an accurate fix had been obtained. If the fix was acceptable, the field editor moved on. The results of this computation are recorded on the abstracts in red ink directly below each observed rate.

2. The pair of rates yielding the strongest fix was then circled and logged on the HYDROPLOT MASTER Detached Position tape for plotting.

3. RK 211 (R/R Position and Sounding Plot) was used to plot logged fixes on the Smooth Field Sheet.

All fixes meet NOS position accuracy requirements as defined in section 1.1.2 of the Provisional Hydrographic Manual.

All original data was recorded on the field sheet at the times of investigation by the Field Editor.

All times are referenced to GMT (Z).

A tide gage was installed on Southerly Island as per instructions for use as control for hydrography and field edit.

Field Edit Notes are photograph 72E3986 and 4007.

Standard ink colors were used as specified in PMC OPORDER change No. 4-75.

(52 ADEQUACY OF COMPILATION)

This map is adequate and complete for charting with this field edit data applied.

(53 MAP ACCURACY)

The HWL was found to be accurate for charting as shown. Fore-shore features were inadequately compiled but have been accurately determined during field edit.

(54 RECOMMENDATIONS)

This manuscript should be considered complete with corrections compiled by this field edit.

The photogrammetric compilation of this manuscript was adequate for the few features compiled. The photographs were taken at a +7.6' tide and none of the foreshore or offshore features were compiled. The field editor spent much time and effort in delineating the foreshore and offshore features that were identifiable on the photographs. It is recommended that an attempt be made by the compiler to show such features and ask the field editor to verify location and/or delineation of questioned features. Field revisions are accomplished more easily than basic mapping.

(55 MISCELLANEOUS)

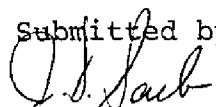
A Form 76-40 has been completed for this manuscript.

Field sheets were constructed and MINIRANGER lattices applied, using HYDROLOT software program RK 201 (GRID, SIGNAL, and LATTICE PLOT, version 5/22/75).

MINIRANGER fixes were computed with program RK3001 Utility Computations, version 8/16/74.

MINIRANGER fixes were plotted with program RK 211
(R/R Position and Sounding Plot, version 8/16/74).

Submitted by,


J. D. Sarb
LTJG, NOAA

Approved by,

M. H. Fleming
CDR, NOAA
Chief of Party

REVIEW REPORT
SHORELINE

TP-00556

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-9571, 1:10,000 scale, date of survey October 1975.

There were no conflicts.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with NOS chart 17382, 1:80,000 scale, dated July 25, 1981.

The chart compared well with this manuscript.

TP-00556

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

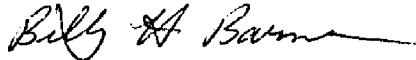
This map complies with the Project Instructions, and meets the requirements for National Standards of Map Accuracy.

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]