

T-12458

T-12458

NOAA FORM 76-35 (6-80)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. T-12458	Edition No. 1
Job No. PH-6310	
Map Classification FINAL, MAP	
Type of Survey SHORELINE	
LOCALITY	
State ALASKA	
General Locality FELICE STRAIT	
Locality VEGAS ISLANDS	
19 69 TO 19 73	
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 Atlantic Marine Center, Norfolk, Virginia		SURVEY TPK <u>12458</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB PH. <u>6310</u>	
OFFICER-IN-CHARGE A. Y. Bryson		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	
Office August 13, 1964 Aerotriangulation September 26, 1969 Office May 25, 1970 Office Supplement I October 16, 1970 Office Supplement II November 6, 1970		Premarking May 12, 1969	
II. DATUMS			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify)	
2. VERTICAL: <input type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input checked="" 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	
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY		R. E. Fisher Dec 1969 H. Eichert Dec 1969	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat, Manual CHECKED BY		L. O. Neterer, Jr. Aug 1970 C. E. Blood Aug 1970	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: Wild B-8 SCALE: 1:10,000 CONTOURS BY CHECKED BY		A. L. Shands Aug 1970 L. O. Neterer, Jr. Aug 1970 N.A. N.A.	
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: Smooth drafted & graphic CONTOURS BY CHECKED BY SCALE: 1:10,000 HYDRO SUPPORT DATA BY CHECKED BY		L. O. Neterer, Jr. Sept 1970 A. L. Shands Oct 1970 N.A. N.A. L. O. Neterer, Jr. Sept 1970 A. L. Shands Oct 1970	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		A. L. Shands Oct 1970	
6. APPLICATION OF FIELD EDIT DATA BY		F. R. Gustafson Jun 1974	
7. COMPILATION SECTION REVIEW BY		C. Blood Dec 1974	
8. FINAL REVIEW BY		L. O. Neterer, Jr. Feb 1986	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		L. O. Neterer, Jr. May 1986	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		P. Dempsey July 1986	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		E. L. DADGLEY Aug 86	

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

T-12458

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) (focal length =152.71) Wild R.C. - 8 "E"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE	
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				Pacific MERIDIAN 120° West	
				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
69 E(C) 901 thru 903	Jul.28,1969	14:42	1:30,000	12.7 ft. above MLLW	
70 E(C) 7129 thru 7131	Jul.21,1970	09:22	1:20,000	3.4 ft. below MLLW	

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high-water line was compiled from office interpretation of the above listed high-water photography.

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

A mean lower low-water line was compiled from office interpretation of the above listed 1970 MLLW photographs, under instructions prevailing at the time of 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
T-12452	T-12459	T-12461	T-12457

REMARKS

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

T-12458

HISTORY OF FIELD OPERATIONS

1. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. L. Newsom	July 1969
2. HORIZONTAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None R. C. Husted, J.C. Albright
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 None None
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	None
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	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)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

Two Forms 152

NOAA FORM 76-36C
(3-72)

T-12458

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

HISTORY OF FIELD OPERATIONS

1. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	M. H. Fleming	April 1973
2. HORIZONTAL CONTROL	M. H. Fleming	April 1973
RECOVERED BY	None	
ESTABLISHED BY	None	
PRE-MARKED OR IDENTIFIED BY	None	
3. VERTICAL CONTROL	N.A.	
RECOVERED BY	N.A.	
ESTABLISHED BY	N.A.	
PRE-MARKED OR IDENTIFIED BY	N.A.	
4. LANDMARKS AND AIDS TO NAVIGATION	None	
RECOVERED (Triangulation Stations) BY	None	
LOCATED (Field Methods) BY	None	
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	None
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)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

One field edit report and ozalid
eleven forms 526

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	Sept. 1970	Class II Manuscript	None	Dec. 1970
Field edit applied, compilation complete	Dec. 1974	Class I Manuscript		None
Final Reviewed	Mar. 1986	Final Map		

II. LANDMARKS AND AIDS TO NAVIGATION

None

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

None

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: _____

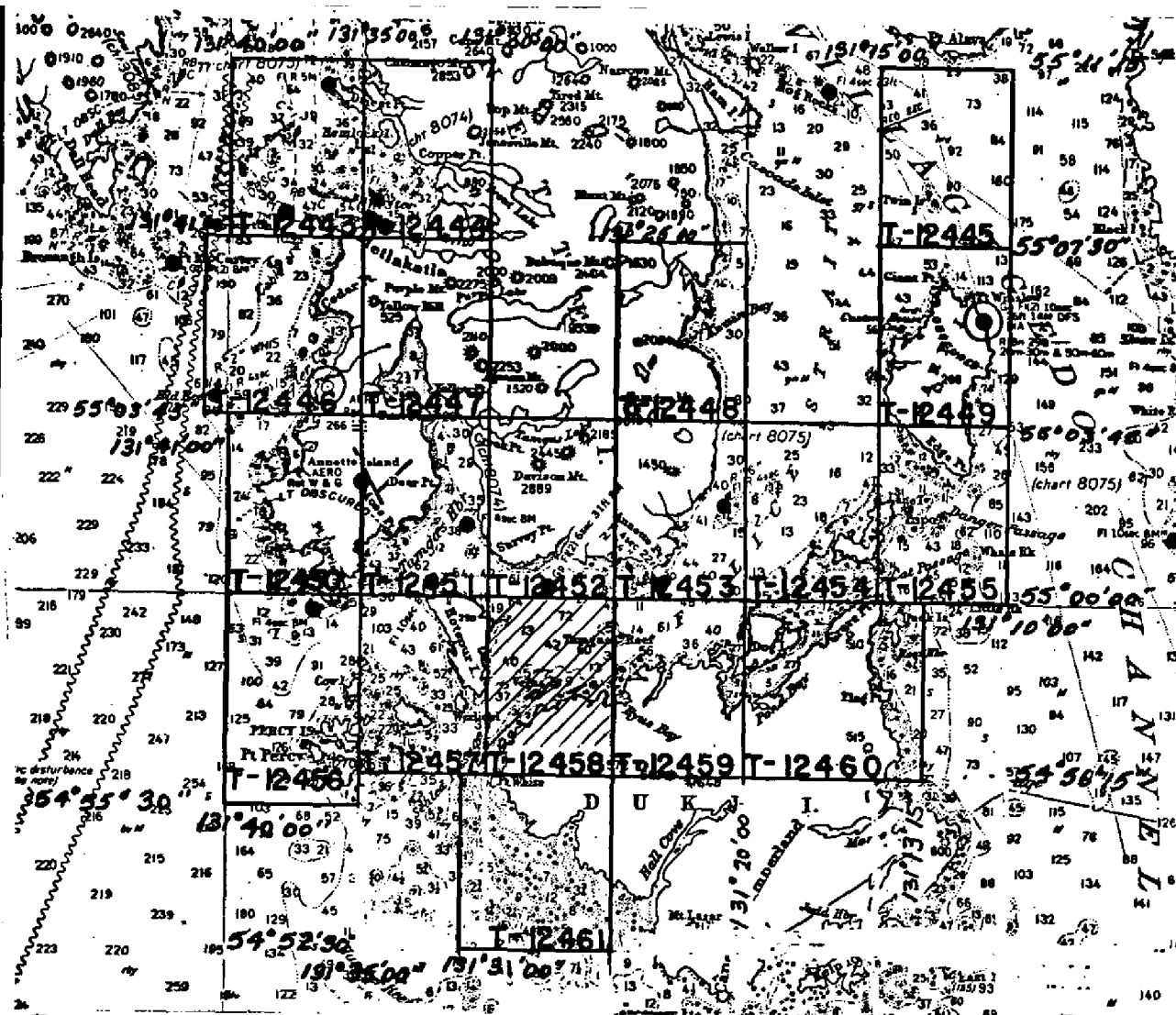
III. FEDERAL RECORDS CENTER DATA

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:

*Some source data located at Wilkens Ave STORAGE BOX 13*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



SHEET NUMBER	AREA Sq. Mi.	SHEET NUMBER	AREA Sq. Mi.
12443	1	12453	3
12444	5	12454	2
12445	1	12455	3
12446	3	12456	3
12447	3	12457	6
12448	3	12458	4
12449	6	12459	6
12450	8	12460	8
12451	6	12461	3
12452	2	TOTAL	38
TOTAL	38		



JOB PH-6310
SHORELINE MAPPING
ANNETTE ISLAND, ALASKA
SCALE 1:10,000

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

T-12458

This 1:10,000 scale map is one of nineteen maps that comprise project PH-6310. It is one of eleven maps added to the original Project 21069 Annette Island, Alaska.

This project encompasses Annette Island from Revilleigedo Channel longitude 131°10'00" west to Nichols Passage, longitude 131°41'00" and from Duke Island latitude 54°52'30" north to Annette Island, latitude 55°11'15".

Instructions dated June 29, 1977 require maps T-12443, T-12444, T-12446, T-12447, T-12450, T-12451, T-12452, T-12456, T-12457, T-12458 and T-12461 to be registered as Final Maps. Maps T-12445, T-12448, T-12449, T-12453, T-12454, T-12455, T-12459 and T-12460 are to be registered as Final Class III Maps.

Field work prior to compilation consisted of identification of the horizontal control for bridging by premarking methods.

Photographic coverage using color film was provided in July 1969 at 1:30,000 scale and July 1970 at 1:20,000 scale with the "E" camera (focal length 152.71 millimeters).

Analytic aerotriangulation was performed at the Washington Science Center in December 1969.

Compilation was performed at the Atlantic Marine Center in December 1973.

Field edit was accomplished during March and April 1973.

Application of field edit was completed December 1974 at the Atlantic Marine Center.

Final review was performed at the Atlantic Marine Center in March 1986.

This Descriptive Report contains all pertinent information used to compile this final map.

The original base map and all pertinent data were forwarded to the Washington Science Center for final registration.

FIELD INSPECTION

T-12458

Field inspection was limited to the recovery and identification of horizontal control for aerotriangulation.

Aerotriangulation Report

Project 21069

Annette Island, Alaska

21. Area Covered

The bridging covers the south side of Annette Island, Hotspur Island and the Percy Islands. This report applies to surveys T-12450, T-12451, T-12452, T-12453, T-12456, T-12457, T-12458 and T-12461.

22. Method

Two strips were bridged to provide control for shoreline compilation. Strip No. 5 consisted of 1:30,000 scale photographs 63-W-7185-92 and was adjusted on four triangulation stations. Strip No. 6 consisted of 1:30,000 scale photographs 63-W-7196-7201 and was adjusted on three triangulation stations. Both strips were bridged on the Zeiss C-5 Stereoplanigraph.

23. Adequacy of Control

Control positions were adequate for bridge adjustments. Sub-station No. 1 of Duncan, 1912-21 was not held by approximately the same distances as in Strip No. 4. From this evidence, it was concluded that the station was misidentified in the field. All other points held within accuracy requirements. Common pass points between Strip No. 4 and Strip No. 5 were averaged. There were no common pass points between Strip No. 5 and Strip No. 6.

24. Supplemental Data

None

25. Photography

Photography was adequate as to definition and coverage.

Submitted by:

Edward L. Rolle by JDP

Edward L. Rolle

Approved by:

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

Aug 11, 1964

Photogrammetric Plot Report
Felice Strait, Alaska
Project PH-6310

December 1969

21. Area Covered

This project covers areas in the vicinity of Felice Strait - Annette Island, Alaska. T-sheets included are as follows:

T-12445, T-12448, T-12449, T-12452 through T-12455,
T-12458 through T-12461

All T-sheets are at 1:10,000 scale.

22. Method

Five strips were bridged to provide horizontal positions of pass points needed for compilation. Strip 15 was bridged using fully analytical aerotriangulation methods. Strips 16, 19, 20 and 21 were bridged on the C-5 and C-8 stereo-planigraphs and adjusted by electronic computer.

Strip 15 was needed mainly to furnish supplemental control points for Strip 16. A second degree adjustment was made using four control stations.

Strip 16 was bridged on the C-8 and used a first degree adjustment holding two control stations.

Strip 19 was bridged on the C-5 and adjusted by first degree methods using two control stations.

Strips 20 and 21 were bridged on the C-8. In both cases a third degree adjustment was made using four control stations.

All pass points in this project were drilled.

23. Adequacy of Control

Control was adequate in all strips. However station "TIP 1914" in strips 16 and 17 and station "TAIL 1915" in strip 20 are believed to be bad and were thrown out. The bridge position of station "TIP 1914" was off by several thousand feet from its published position. This error appeared in both strip 16 and strip 17. Geodesy could not verify the existence of any station at the location of the target.

-2-

The bridge position of station "TAIL 1915" in strip 20 was also off by several thousand feet from its published position. Geodesy gave the same position for both "TAIL 1915" and "BOW 1915". Geodesy could not verify the existence of any station at the location of the target.

Station "BALL 1915" was premarked but was not read on strip 15 as it was obliterated by cloud cover.

Several target arrays were altered somewhat by the time of photography, probably by wind and wave action. The worst of these were "AGE 1932" and "GIANT 1915", both in strip 21. However, the center panels are believed to still be in their correct positions.

All horizontal control stations were premarked with panels and/or whitewash.

24. Supplemental Data

U. S. Geological Survey quadrangles were used to provide elevations for vertical adjustment of bridges.

25. Photography

Photography was satisfactory with regard to coverage, overlap and definition.

Submitted by,



Robert E. Fisher
Cartographer (Photo).

Approved and Forwarded,

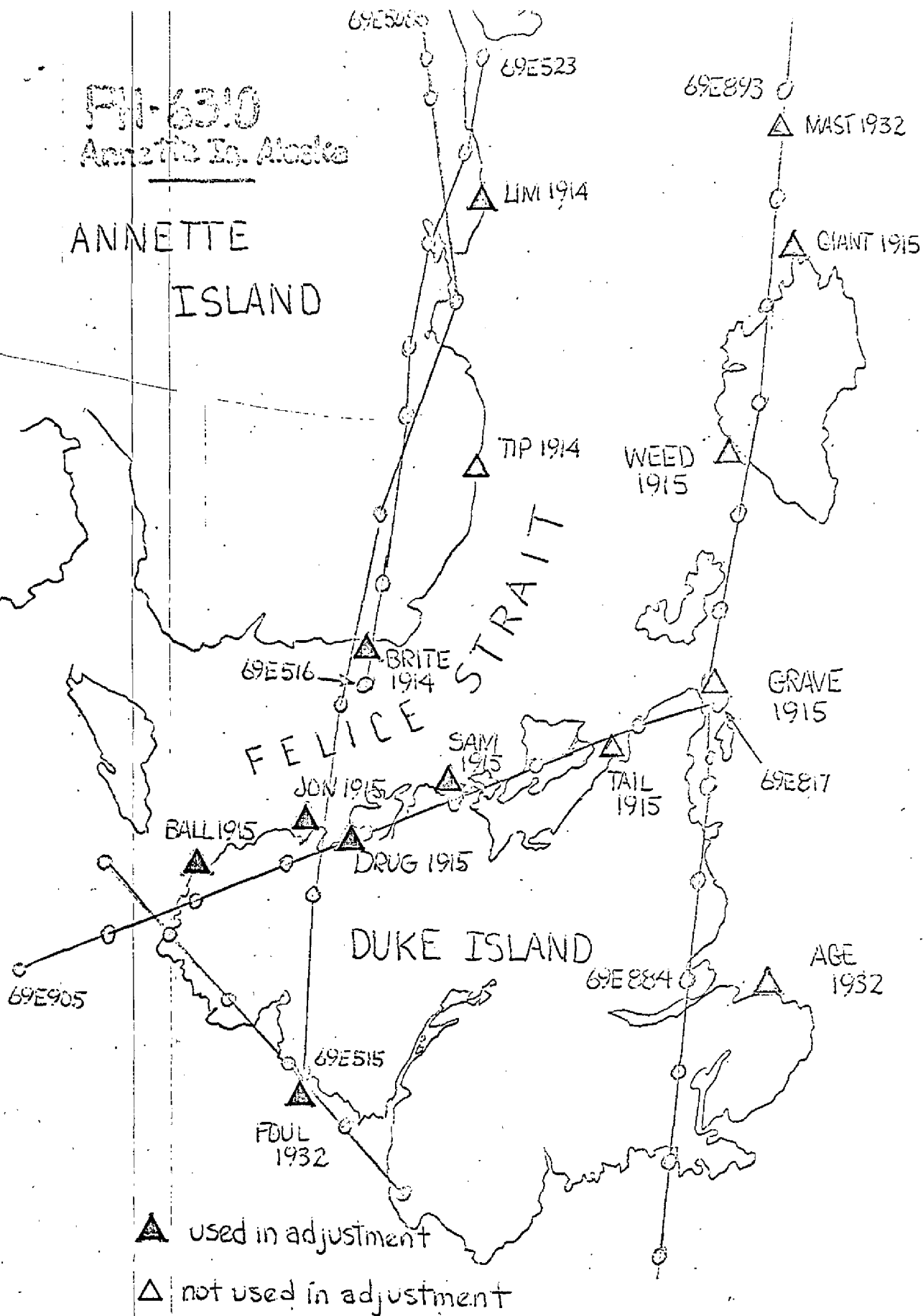


Henry P. Eichert
Chief, Aerotriangulation
Section

FM-6310

Annette Is. Alaska

ANNETTE
ISLAND



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	GEODETTIC DATUM			ORIGINATING ACTIVITY Coastal Mapping	
			PH-6310	NA 1927	Division, AMC, Norfolk, VA		
			SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET STATE _____ ZONE _____	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	REMARKS
T-12458							
BALL, 1915			Alaska ✓ 54131 p. 1		x=	φ 54 57 20.44 ✓	632.1 ✓ 1223.3 ✓
					y=	λ 131 28 39.96 ✓	711.2 ✓ 356.6 ✓
COAL, 1915			Alaska ✓ 54131 p. 1		x=	φ 54 57 42.95 ✓	1328.2 ✓ 527.2 ✓
					y=	λ 131 27 42.98 ✓	764.7 ✓ 302.9 ✓
FORM, 1915 ✓			Alaska ✓ 54131 p. 3		x=	φ 54 58 00.372 ✓	11.5 ✓ 1843.9 ✓
					y=	λ 131 25 19.094 ✓	339.7 ✓ 727.8 ✓
HARD, 1915 ✓			Alaska ✓ 54131 p. 3		x=	φ 54 58 05.396 ✓	166.9 ✓ 1688.5 ✓
					y=	λ 131 27 57.448 ✓	1022.0 ✓ 45.4 ✓
JON, 1915 ✓			Alaska ✓ 54131 p. 3		x=	φ 54 58 04.981 ✓	154.0 ✓ 1701.4 ✓
					y=	λ 131 25 38.016 ✓	676.3 ✓ 391.1 ✓
NUT, 1915 ✓			Alaska ✓ 54131 p. 4		x=	φ 54 58 08.651 ✓	267.5 ✓ 1587.9 ✓
					y=	λ 131 27 36.555 ✓	650.3 ✓ 417.1 ✓
SPUR, 1914 ✓			Alaska ✓ 54131 p. 5		x=	φ 54 59 29.252 ✓	904.6 ✓ 950.8 ✓
					y=	λ 131 29 12.693 ✓	225.7 ✓ 841.2 ✓
TAM, 1915 ✓			Alaska ✓ 54131 p. 5		x=	φ 54 59 05.501 ✓	170.1 ✓ 1685.3 ✓
					y=	λ 131 25 02.414 ✓	42.9 ✓ 1024.1 ✓
VEG, 1915			Alaska ✓ 54131 p. 5		x=	φ 54 57 57.16 ✓	1767.6 ✓ 87.8 ✓
					y=	λ 131 28 16.71 ✓	297.3 ✓ 770.2 ✓
BALL, 1915			Alaska ✓ 54131 p. 1		x=	φ 3,145,728.00 ✓	
					y=	λ 1,147,812.00 ✓	
COMPUTED BY I.O. Neterer, Jr.				DATE Sept. 14, 1970	COMPUTATION CHECKED BY R.R. White		DATE Sept. 14, 1970
LISTED BY				DATE	LISTING CHECKED BY		DATE
HAND PLOTTING BY				DATE	HAND PLOTTING CHECKED BY		DATE

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO. T-12458	JOB NO. PH-6310	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODEIC DATUM NA 1927		GEOGRAPHIC POSITION		REMARKS
				COORDINATES IN FEET STATE ZONE	ϕ LATITUDE λ LONGITUDE			
JON, 1915		Alaska 54131 Pg. 3	02100	X= 3,156,198.16	ϕ			
				Y= 1,152,668.99	λ			
				X=	ϕ			
				Y=	λ			
				X=	ϕ			
				Y=	λ			
				X=	ϕ			
				Y=	λ			
				X=	ϕ			
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				X=	ϕ			
				Y=	λ			
				X=	ϕ			
				Y=	λ			
				X=	ϕ			
				Y=	λ			
COMPUTED BY L.O. Neterer, Jr.				COMPUTATION CHECKED BY R.R. White			SEPT. 14, 1970	
LISTED BY				LISTING CHECKED BY			DATE	
HAND PLOTTING BY				HAND PLOTTING CHECKED BY			DATE	

COMPILATION REPORT
T-12458

31 - DELINEATION

The Wild B-8 stereoplotter was used to compile the Mean High Water Line from office interpretation of the 1969 color photography.

32 - CONTROL

See the Photogrammetric Plot Report dated December 1969.

33 - SUPPLEMENTAL DATA

None.

34 - CONTOURS AND DRAINAGE

Contours are not applicable.

Drainage was delineated from office interpretation of the photographs.

35 - SHORELINE AND ALONGSHORE DETAILS

The Mean High Water Line was compiled from 1969 color photographs and the Mean Lower Low Water Line was compiled from the 1970 color photographs by office interpretation of the photographs.

36 - OFFSHORE DETAILS

Offshore details were compiled from office interpretation of the 1970 color photographs.

37 - LANDMARKS AND AIDS

None.

38 - CONTROL FOR FUTURE SURVEYS

None.

T-12458

39 - JUNCTIONS

See form 76-36D, item 5, included with this report.

40 - HORIZONTAL AND VERTICAL ACCURACY

No statement.

46 - COMPARISON WITH EXISTING MAPS

A favorable comparison has been made with U.S.G.S. Quadrangle Prince Rupert (D-5), Alaska, scale 1:63,360, dated 1955.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with Chart 8075, REVILLAGIGEDO CHANNEL, scale 1:80,000, 3rd edition, dated September 2, 1968.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by

Lowell O. Neterer, Jr.
Lowell O. Neterer, Jr.
Cartographic Technician
22 September 1970

Approved

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

May 11, 1970

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6310 (Alaska)

T-12458

Duke Island
 Felice Strait
 Form Point
 Goose Island * *font*
 Hotspur Island
 Julius Reef
 Roy Island
 Ryus Bay
 Sealed Passage
 Tongue Island * *font*
 Vegas Islands

+ GOOSE TONGUE ISLAND *font*
 + TAMGAS REEF *font*

* These two names should read as one *font*
 + Not listed by A.J. Wright *font*

Approved by:

A. Joseph Wright
 A. J. Wright
 Chief Geographer

Prepared by:

Frank W. Pickett
 Frank W. Pickett
 Cartographic Technician

Field Edit Report DA March-April, 1973

OPR 424

Felice Strait

AREA SURVEYED

Five sheets were field-edited in the western portion of Felice Strait:

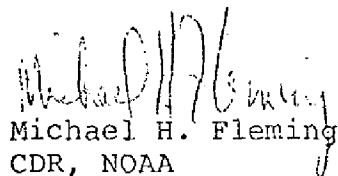
T- 12452
T- 12458
T- 12456
T- 12457
T- 12461

Two of these sheets, 12456 and 12457, were worked on in previous years by the MCARTHUR in 1970 and by the FAIRWEATHER in 1972. The MCARTHUR'S edit has been presumed to have been applied although 3 rocks on 12457 located by that ship were not added. The FAIRWEATHER'S field notes as well as reports on the two sheets are also forwarded.

MISCELLANEOUS

It should be noted as has been previously on other West Coast maps that the charting datum used is mean lower low water not mean low water which will make a difference in calculating rock heights.

Approved.


Michael H. Fleming
CDR, NOAA

FIELD EDIT REPORT

MAP T-12458

FELICE STRAIT - VEGAS ISLANDS

SOUTHEAST ALASKA

ADEQUACY OF COMPILATION

Compilations was good with the following exception: The reef at $54^{\circ}57.97'N$, $131^{\circ}26.70'W$ on which photo signal 111 is located is an island above MHHW with trees.

Where requested determination of the MHHWL was made by distances from triangulation stations and photo signals. Standard three point sextant fixes were used to check compilation and to locate isolated rocks and reefs.

RECOMMENDATIONS

It is recommended that stations Pile and Hot be removed from the map. These stations are considered lost. See Form 526.

AIDS TO NAVIGATION

None .

GEOGRAPHIC NAMES

No geographic name investigations were made.

MISCELLANEOUS

All triangulation was searched for and a Form 526 submitted for each. Work was accomplished on 3/20, 3/21, 3/22, 4/6 and 4/16/73. Time zone is $120^{\circ}W$.

Respectfully submitted:

Efrem R. Krisher
Efrem R. Krisher
LT, NOAA

REVIEW REPORT
SHORELINE

T-12458

61 - GENERAL STATEMENT

See Summary included with this report.

62 - COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Not applicable.

63 - COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with U.S. Geological Survey Quadrangle: Prince Rupert, (D-5), Alaska, scale 1:63,360, dated 1955.

64 - COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

A comparison was made with registered hydrographic surveys H-9331, scale 1:10,000, dated February 2, 1978 and H-9370, scale 1:10,000 dated August 9, 1978.

65 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with N.O.S. chart 17434, 9th edition 1:80,000 scale, dated February 14; 1981.

66 - ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

Submitted by

Lowell O. Neterer, Jr.
Lowell O. Neterer, Jr.
Final Reviewer
3 March 1986

Approved for forwarding

Billy H. Barnes

Billy H. Barnes
Chief, Photogrammetric Section, AMC

Approved

Chief, Photogrammetric Section,
Rockville

Chief, Photogrammetry Branch,
Rockville

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 Re-

[illegible]