

TP 00347

TP-00347

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. TP-00347	Edition No. 1st
Job No. CM-7701	
Map Classification Final Field Edited Map	
Type of Survey Shoreline	
LOCALITY	
State FLORIDA	
General Locality Cape San Blas to Ft. Walton	
Locality Panama City - San Blas	
19 77 TO 19 78	
REGISTRY IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY		SURVEY TP. 00347	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. (1)	
				<input type="checkbox"/> RESURVEY		MAP CLASS Final field	
				<input type="checkbox"/> REVISED		JOB RNCM-7701	
PHOTOGRAMMETRIC OFFICE				LAST PRECEDING MAP EDITION			
Rockville, Md.				TYPE OF SURVEY		JOB PH. _____	
OFFICER-IN-CHARGE				<input type="checkbox"/> ORIGINAL		MAP CLASS _____	
Cmdr. James Collins				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
				<input type="checkbox"/> REVISED		19 ____ TO 19 ____	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
General Instructions-Office-NOS Cooperative Coastal Boundary Mapping - Job PH-7000 9 December 1975 Office - August 18, 1977 Amendment I - 3 January 1978				Field Instructions - 27 December 1976 Supplement I - 6 May 1977 Amendment - Field Edit Procedures 30 January 1978			
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) Gulf Coast Low-Water			
3. MAP PROJECTION Lambert Conformal Conic				4. GRID(S)			
				STATE Florida		ZONE North	
5. SCALE 1:20,000				STATE		ZONE	
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION METHOD: Analytic				BY D. Norman		Sept 1977	
LANDMARKS AND AIDS BY				N/A			
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat				PLOTTED BY W. Maynard		Sept 1977	
				CHECKED BY N/A			
3. STEREOSCOPIC INSTRUMENT COMPILATION				PLANIMETRY BY N/A			
INSTRUMENT:				CHECKED BY			
SCALE:				CONTOURS BY N/A			
				CHECKED BY			
4. MANUSCRIPT DELINEATION				PLANIMETRY BY W. Maynard		Dec 1977	
				CHECKED BY J. Schad		Jan 1978	
METHOD: Graphic				CONTOURS BY N/A			
				CHECKED BY			
SCALE: 1:20,000				HYDRO SUPPORT DATA BY N/A			
				CHECKED BY			
5. OFFICE INSPECTION PRIOR TO FIELD EDIT				BY P. Dempsey		Jan 1978	
				BY C. Lewis		April 1978	
6. APPLICATION OF FIELD EDIT DATA				CHECKED BY C. Lewis		April 1978	
7. COMPILATION SECTION REVIEW				BY P. Dempsey		April 1978	
8. FINAL REVIEW				BY C. Lewis Oct 83/P. Dempsey		Dec 1984	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH				BY P. Dempsey		JAN 1985	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH				BY P. Dempsey		Dec 1984	
11. MAP REGISTERED - COASTAL SURVEY SECTION				BY R.S. KORNSPAN		FEB 1985	

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

TP-00347

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) RC 8 Wild RC 10 6" focal length		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (X) PANCHROMATIC (X) INFRARED		ZONE	
<input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				Central	
				MERIDIAN	
				90th	
				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
77Z 1654-1656	1/19/77	1110	1:50,000	The stage of tide is inapplicable for the color photography. Refer to 76-36B(1) for tide information
77E 873312-8738R	1/25/77	1042	1:40,000	
77E 8921 R	1/29/77	1150	1:40,000	

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The MHW line was compiled by office interpretation of the 1:50,000 panchromatic photography, using a field profile point obtained in August 77.

As there was only a 1.4 foot range of tide in the area the GCLW was also compared to verify the interpretation of the compilation photography.

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

The source of the GCLW - line is the tide-coordinated black and white infrared photography listed under Item 1.

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-00345, 346	TP-00348	None	TP-00343

REMARKS

Final junctions were made in the Coastal Mapping Section

NOAA FORM 76-36B(1)
(7-75)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

TIDE - COORDINATED PHOTOGRAPHY

TP - 00347

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE	MEAN RANGE
77E 8733-8738R	Panama City, St. Andrew Bay	GCLW inside - 0.08	
77E 8921R	Panama City, St. Andrew Bay	GCLW inside -0.21	

REMARKS:

HISTORY OF FIELD OPERATIONS TP-00347

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATIONunder ltr. dtd. 1/30/78 fr.
Chief, Coastal Mapping

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R.R. Wagner	
2. HORIZONTAL CONTROL	RECOVERED BY N/A ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	
3. VERTICAL CONTROL	RECOVERED BY N/A ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY N/A LOCATED (Field Methods) BY IDENTIFIED BY	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY BY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY R.R. Wagner	March 1978
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N/A	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

77Z1655; 77ER8734, 8736, 8737; 77ER8921, 77Z1656

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

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

7. SUPPLEMENTAL MAPS AND PLANS

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

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

RECORD OF SURVEY USE

TP-00347

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Shoreline & Alongshore Detail	Nov 1977	Map Class III		
Final Copy/	Nov 1978	Atlantic Marine Center CAM313 Bill Stephenson		

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER PAGES	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
6		April 1979	Digitized form 76-40

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

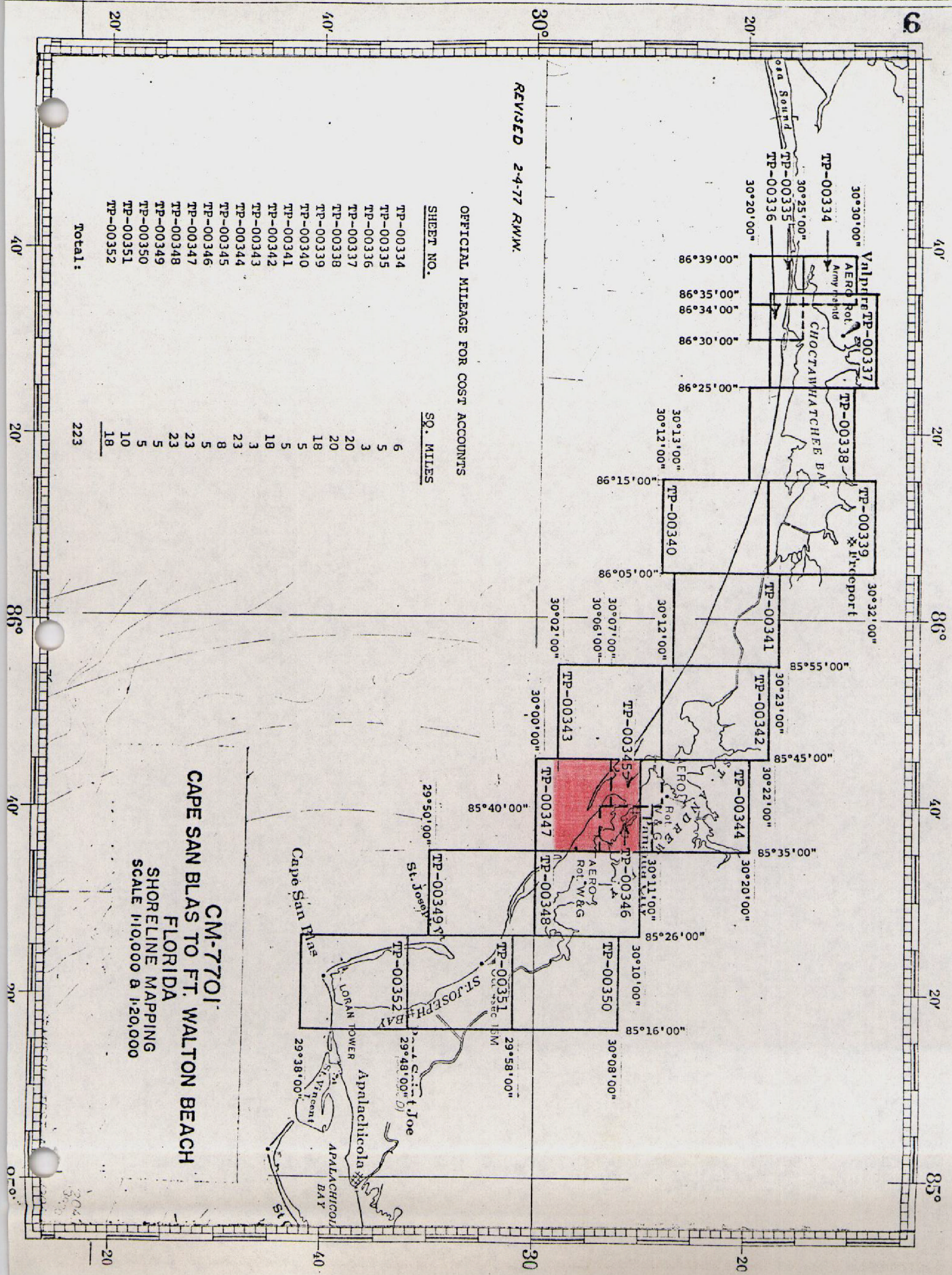
III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☐ DUPLICATE BRIDGING REPORT; ☐ COMPUTER READOUTS.
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS 76-40 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	



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SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT

Coastal Zone Map TP-00347, scale 1:20,000, is one of five 1:10,000 scale and fourteen 1:20,000 scale maps in project CM-7701. These nineteen maps are intended for planning purposes for the state of Florida and for the construction and maintenance of NOS Nautical Charts.

The layout for CM-7701 shows the location of the individual maps from Cape San Blas to Fort Walton Beach, Florida. A copy of the layout is included in this descriptive report.

Field operations consisted of premarking horizontal control, photographing the area, establishing tidal datums and performing field edit.

Compilation photography was taken with the Wild RC-10-Z camera which consisted of 1:40,000 scale color photographs taken in April, 1977, 1:30,000 scale color photographs taken in January, 1977 and 1:50,000 scale panchromatic photographs taken in January, 1977. This photography was used to set stereo models, to delineate cultural features and locate landmarks and aids to navigation. The shoreline was compiled using 1:40,000 scale, black and white, infrared, MHW and GCLW photography taken with the Wild RC-8-E camera in January and April, 1977.

The Aerotriangulation Unit in Rockville, Maryland, bridged ten strips of photography, using analytic aerotriangulation methods. The bridging was completed in two phases. Phase I consisted of TP-00340 through TP-00352, covering the area from Cape San Blas to Choctawatchee Bay and was completed in September, 1977. The Westernmost section, phase II, TP-00334 through TP-00339, covering Choctawatchee Bay to Fort Walton Beach, was completed in December, 1977.

Compilation was accomplished in the Coastal Mapping Unit, Rockville, Maryland, using graphic methods.

Field edit was completed in March, 1978. All known landmarks and aids to navigation were located or the compilation verified.

Application of field edit was performed in the Coastal Mapping Unit, Rockville, Maryland.

Final review was performed in the Quality Control Unit, Rockville, Maryland, in October, 1983 and December, 1984. This map meets the requirements for National Standards for Map Accuracy.

(Part 1)
TP-00340 thru TP-00352

Photogrammetric Plot Report
Cape San Blas to Ft. Walton Beach, Florida
Job CM-7701
September 1977

Area Covered

The area covered by this report is the Cape San Blas to Ft. Walton Beach area in Florida, from the Apalachicola Bay to the Choctawatchee Bay area, 11, 1:20,000 sheets and 2, 1:10,000 sheets. Sheets 00334, 00335, 00336, 00337, 00338, and 00339 were omitted from the project.
(See Part 2)

Method

Nine strips of bridging photography (5, 50,000, 3, 20,000, and 1,30,000 scale) were measured by analytic aerotriangulation methods. Strips 1 and 6 were marginal by regular strip adjustment methods, so a block adjustment was done with satisfactory results. All adjustments were made on the Florida North Zone State Plane Coordinate System. All the strips were controlled by field identified control. Office identified control points were used as checks.

Tie points were used on all strips to insure an adequate junction during strip adjustments.

Common points were located on the bridging photography and the tide-controlled IR photography for ratio purposes and also on two 1:30,000 compilation strips for that purpose.

Ratios have been ordered. The sheets will be plotted by the Compilation Section.

Adequacy of Control

The majority of the control points and targets were accurate within NOS standards.

The sub. pt. position for No. 56 (U.S.E.) 1934 would not fit into the adjustment by 312 feet in X and 328 feet in Y.

The target for Lynn, 1935 could not be positively identified. The photos were sent back to the field and three additional sub. pts. were determined and identified on the photos.

Supplemental Data

USGS Quadrangles were used to provide vertical control for the strip adjustments. Nautical charts, 11389, 11388, 11401, 11391, 11402, 11393, 11390, 11385 were used for Light locations.

Photography

The coverage, overlap, and quality of the photography were accurate for the job. There was not complete coverage with MHW photography.

Submitted by,

Don O. Norman

Donald O. Norman

Approved and forwarded:

John D. Perrow, Jr.

John D. Perrow, Jr.

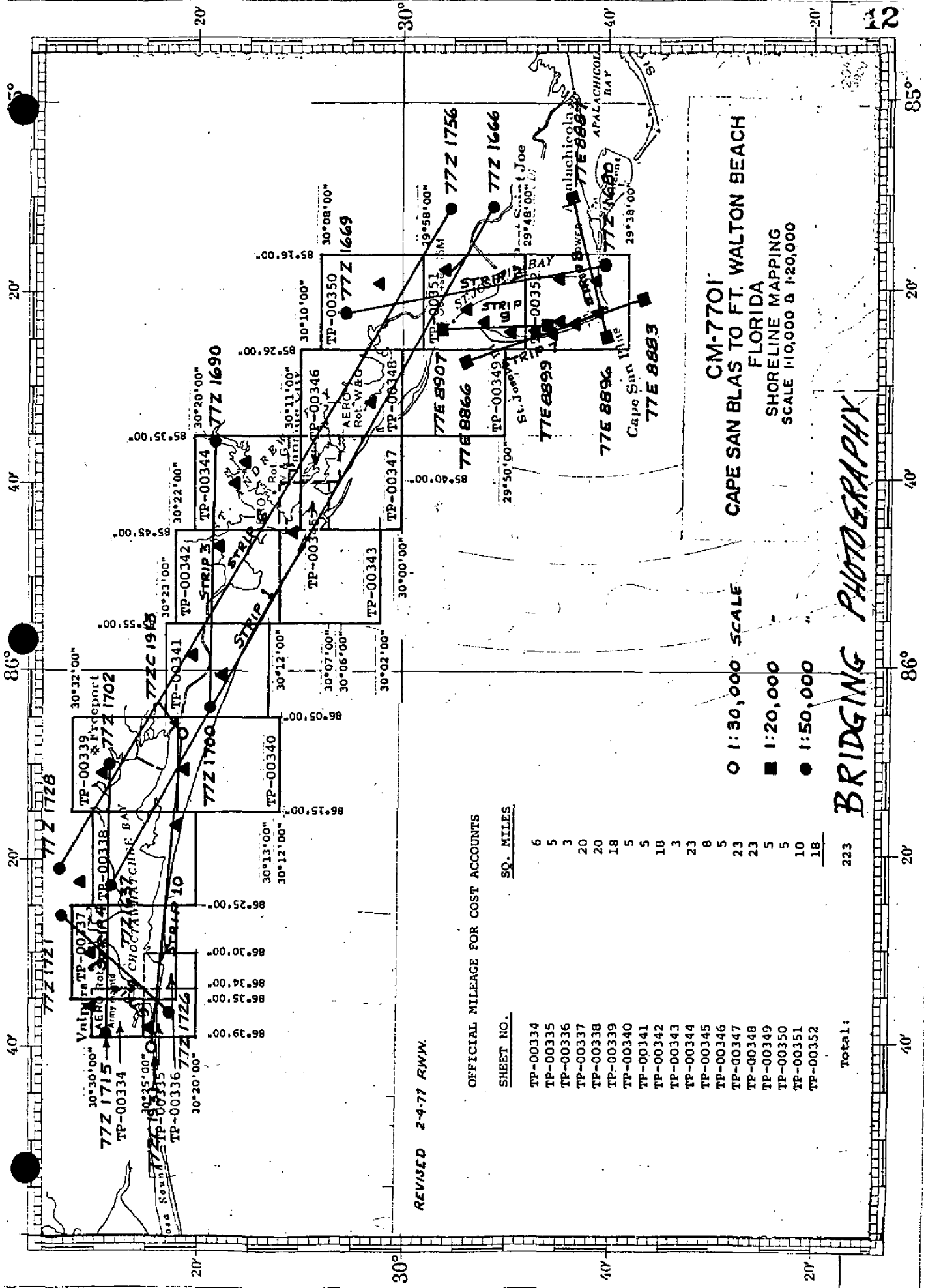
Chief, Aerotriangulation Section

ACCURACY OF CONTROL USED IN STRIP ADJUSTMENT

<u>Strip 2</u>	<u>ERROR</u>	
	<u>-x-</u>	<u>-y-</u>
671101	.431	.157
663101	-.888	-.704
677101	-.188	-1.325
678100	1.444	3.051
680101	-.986	-1.251
<u>Strip 3</u>		
690103	-.456	-.240
692101	.865	.357
741101	-.550	-.148
680101	.138	.031
<u>Strip 4</u>		
705101	-.299	-.166
708101	.805	.664
712100	-1.107	-1.293
714101	.587	.793
<u>Strip 7</u>		
871100	-.001	.002
876101	.000	.000
880101	.002	-.002
<u>Strip 8</u>		
839801	.000	.000
680101	.000	.000
880101	-.000	-.000
<u>Strip 9</u>		
871100	-.000	-.000
900101	-.000	-.000
903100	.000	.000
<u>Strip 10</u>		
642101	.000	-.000
719801	-.000	.000
919101	-.000	.000

ACCURACY OF CONTROL POINTS USED IN STRIP ADJUSTMENT

	<u>ERROR</u>	
	<u>-x-</u>	<u>-y-</u>
<u>Strips 1 and 6</u> (Block Adjustment)		
642101	-.005	.168
642140	4.262	-1.187
644140	2.680	-1.457
646101	.277	-.153
652101	-.011	-.235
655140	1.064	1.623
656140	-1.252	-4.679
658100	-.020	.128
663101	.080	.069
664101	-.246	.148
671101	-.218	-.030
705101	-.138	-.003
739101	.035	.037
741101	-.276	-.227



CM-7701
CAPE SAN BLAS TO FT. WALTON BEACH
FLORIDA
SHORELINE MAPPING
SCALE 1:10,000 & 1:20,000

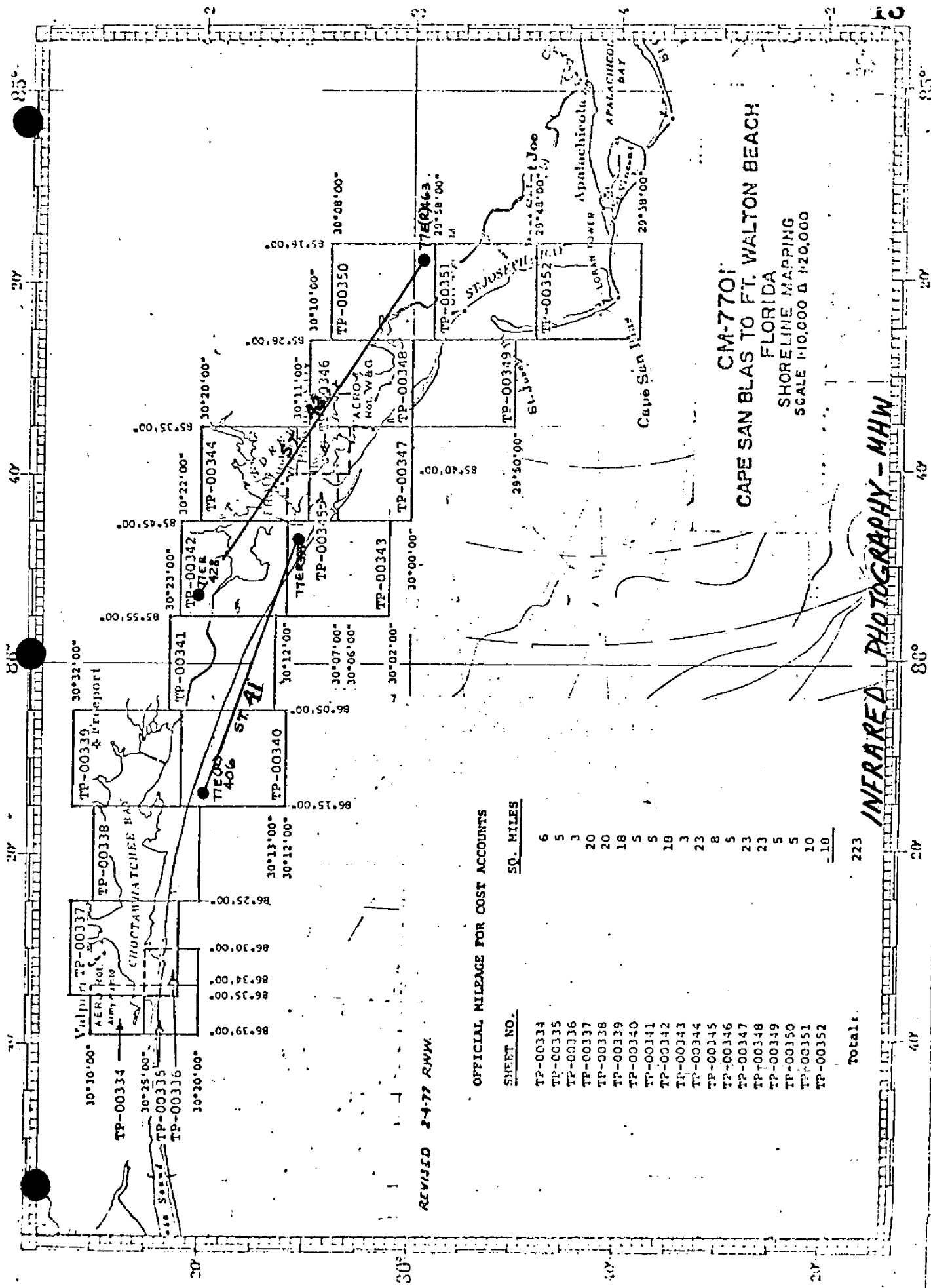
0 1:30,000 SCALE
■ 1:20,000
● 1:50,000

BRIDGING PHOTOGRAPHY

REVISED 2-4-77 RWN

OFFICIAL MILEAGE FOR COST ACCOUNTS

SHEET NO.	SQ. MILES
TP-00334	6
TP-00335	5
TP-00336	3
TP-00337	20
TP-00338	20
TP-00339	18
TP-00340	5
TP-00341	5
TP-00342	18
TP-00343	3
TP-00344	23
TP-00345	8
TP-00346	5
TP-00347	23
TP-00348	23
TP-00349	5
TP-00350	5
TP-00351	10
TP-00352	18
Total:	223



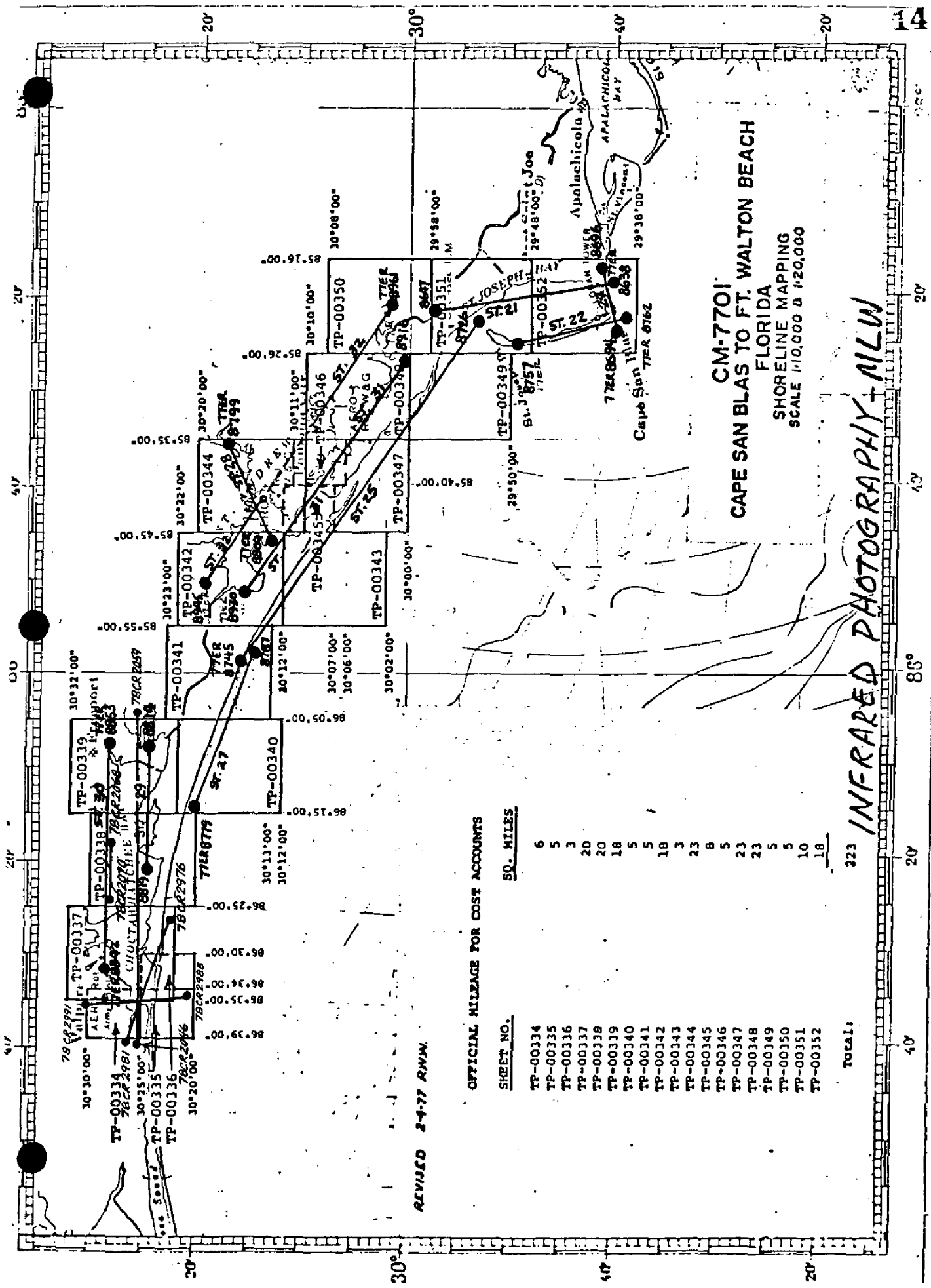
OFFICIAL MILEAGE FOR COST ACCOUNTS

SHEET NO.	SQ. MILES
TP-00334	6
TP-00335	5
TP-00336	3
TP-00337	20
TP-00338	20
TP-00339	18
TP-00340	5
TP-00341	5
TP-00342	18
TP-00343	3
TP-00344	23
TP-00345	8
TP-00346	5
TP-00347	23
TP-00348	23
TP-00349	5
TP-00350	5
TP-00351	10
TP-00352	10
Total:	223

INFRARED PHOTOGRAPHY - MHW

CM-7701
CAPE SAN BLAS TO FT. WALTON BEACH
FLORIDA
SHORELINE MAPPING
SCALE 1:10,000 & 1:20,000

REVISED 2-4-77 RWW



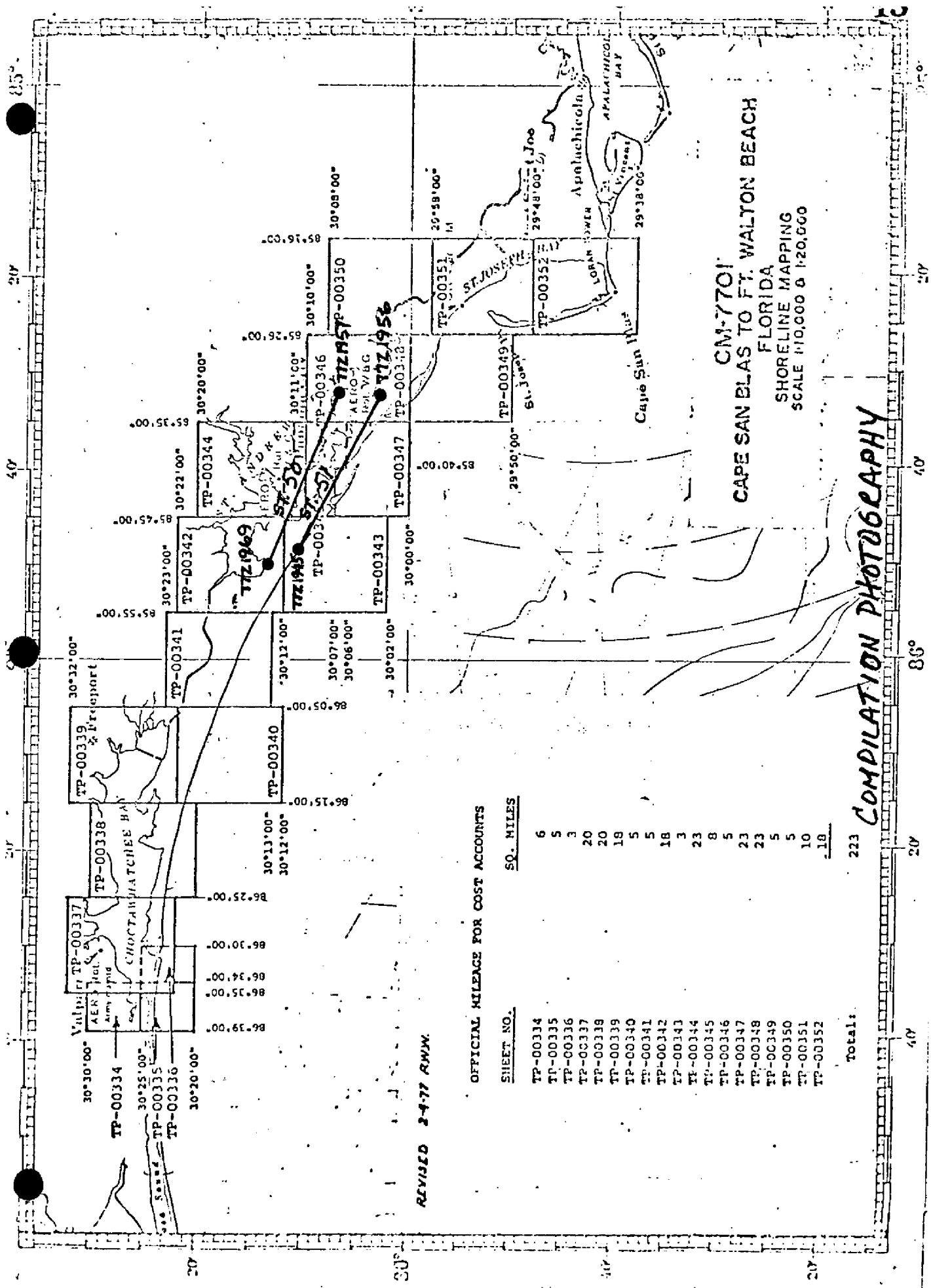
REVISED 2-4-77 RNM

OFFICIAL MILEAGE FOR COST ACCOUNTS

SHEET NO.	SQ. MILES
TP-00334	6
TP-00335	3
TP-00336	3
TP-00337	20
TP-00338	20
TP-00339	18
TP-00340	5
TP-00341	5
TP-00342	18
TP-00343	3
TP-00344	23
TP-00345	8
TP-00346	5
TP-00347	23
TP-00348	23
TP-00349	5
TP-00350	5
TP-00351	10
TP-00352	18
Total:	223

CAPE SAN BLAS TO FT. WALTON BEACH
FLORIDA
SHORELINE MAPPING
SCALE 1:10,000 & 1:20,000
CM-7701

INFRARED PHOTOGRAPHY - MLW



CM-7701
CAPE SAN BLAS TO FT. WALTON BEACH
FLORIDA
SHORELINE MAPPING
SCALE 1:10,000 & 1:20,000

OFFICIAL MILEAGE FOR COST ACCOUNTS

SHEET NO.	SQ. MILES
TP-00334	6
TP-00335	5
TP-00336	3
TP-00337	20
TP-00338	20
TP-00339	18
TP-00340	5
TP-00341	5
TP-00342	18
TP-00343	3
TP-00344	23
TP-00345	8
TP-00346	5
TP-00347	23
TP-00348	23
TP-00349	5
TP-00350	5
TP-00351	10
TP-00352	18
Total:	223

COMPILATION PHOTOGRAPHY

REVISED 3-77 RWW.

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	GEODETIC DATUM		GEOGRAPHIC POSITION		REMARKS
					COORDINATES IN FEET STATE <u>Florida</u> ZONE <u>North</u>	ORIGINATING ACTIVITY <u>Rockville, Md.</u>	ϕ LATITUDE λ LONGITUDE		
Laguna 2, 1910	CM-7701	P C Pg 50		25		X= 1,617,652.40	ϕ		
						Y= 408,124.23	λ		
Rod, 1935		Pg 52		26		X= 1,615,632.68	ϕ		
						Y= 405,533.75	λ		
Spanish Shanty, 1910		Pg 50		27		X= 1,622,018.41	ϕ		
						Y= 402,888.43	λ		
Weilley, 1910		Pg 50		28		X= 1,629,881.68	ϕ		
						Y= 403,826.06	λ		
Lands End 2, 1930		Pg 50		31		X= 1,629,899.66	ϕ		
						Y= 397,729.87	λ		
Tyndall AFB Crash Rescue Radio N. Mast, 1959		Quad 300853 Sta 1008 P C Pg 26		40		X= 1,648,057.24	ϕ		
						Y= 399,832.34	λ		
AF 65 USE, 1959		Quad 300853 Sta 1003 P C Pg 26		44		X= 1,649,564.05	ϕ		
						Y= 393,101.51	λ		
Tyndall AFB ATC Radar Dome, 1959		Quad 300853 Sta 1006 P C Pg 29		45		X= 1,651,127.23	ϕ		
						Y= 391,894.62	λ		
Tyndall AFB West W T, 1959		Quad 300853 Sta 1013 P C Pg 32		46		X= 1,652,551.76	ϕ		
						Y= 391,667.52	λ		
Tyndall AFB Control Tower, 1959		Quad 300853 Sta 1012 P C Pg 32				X= 1,657,007.52	ϕ		
						Y= 390,463.78	λ		
COMPUTED BY						COMPUTATION CHECKED BY		DATE	
LISTED BY						LISTING CHECKED BY		DATE	
HAND PLOTTING BY						HAND PLOTTING CHECKED BY		DATE	

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY		
TP-00347	CM-7701	N A 1927	Rockville, Md.		
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE <u>Florida</u> ZONE <u>North</u>	GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE	REMARKS
Airport Beacon Tyndall AFB East W T, 1959	Quad 300853 Sta 1004 P C Pg 28	48	X= 1,656,250.46 Y= 389,389.97	ϕ λ	
Tyndall AFB Capehart Housing Water Tank, 1959	Quad 300853 Sta 1007 P C Pg 29	32	X= 1,636,888.56 Y= 402,316.21	ϕ λ	
Spring 2, 1930	P C Pg 51	49	X= 1,654,189.07 Y= 386,592.65	ϕ λ	
Panama City Municipal Tank, 1934	Pg 23	22	X= 1,632,840.26 Y= 423,291.04	ϕ λ	
Southern Kraft Tank, 1934	Pg 50	29	X= 1,645,818.14 Y= 417,112.99	ϕ λ	
Britton, 1934	Pg 21	34	X= 1,645,147.79 Y= 410,822.53	ϕ λ	
Ferry Point, 1910	Pg 52	35	X= 1,646,138.20 Y= 410,073.72	ϕ λ	
Pine, 1934	Pg 50	36	X= 1,645,045.95 Y= 409,094.84	ϕ λ	
Gabel 2, 1910	Pg 52	37	X= 1,646,768.82 Y= 403,434.80	ϕ λ	
Pearl, 1934	Pg 50	38	X= 1,646,921.25 Y= 403,501.90	ϕ λ	
COMPUTED BY		DATE	COMPUTATION CHECKED BY		DATE
LISTED BY		DATE	LISTING CHECKED BY		DATE
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY		DATE
			P. Dempsey		Jan 1978

DESCRIPTIVE REPORT CONTROL RECORD

Page 3 of 3

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODEIC DATUM		ORIGINATING ACTIVITY		REMARKS
					STATE	ZONE	COORDINATES IN FEET	FLORIDA	
TP-00347	CM-7701	P C Pg 52		39		X= 1,650,457.86 Y= 404,629.39	φ λ		
Red, 1934	Pg 49			23		X= 1,630,135.91 Y= 416,383.54	φ λ		
Davis, 1935	Pg 50			24		X= 1,625,021.22 Y= 410,753.94	φ λ		
Alligator (USED), 1934	Pg 52			19		X= 1,613,608.99 Y= 414,921.47	φ λ		
Sowell, 1935	Pg 52			18		X= 1,608,288.70 Y= 418,734.57	φ λ		
Bear Point 2, 1935	Pg 49			16		X= 1,613,088.45 Y= 424,418.45	φ λ		
Millville Southern Kraft Co. Shorter Concrete Stack, 1934	Geod. Data Base					X= 30° 08' 27.71" Y= 85° 37' 15.74"	φ λ		
						X= φ Y= λ	φ λ		
						X= φ Y= λ	φ λ		
						X= φ Y= λ	φ λ		
COMPUTED BY					DATE	COMPUTATION CHECKED BY	λ	DATE	
LISTED BY	W. Maynard			DATE	Dec 1977	LISTING CHECKED BY	P. Dempsey	DATE	Jan 1978
HAND PLOTTING BY				DATE		HAND PLOTTING CHECKED BY		DATE	

Comilation Report
TP-00347
February 1978

31. Delineation

All features were delineated by Graphic Compilation. The rectified prints of 1:50,000 scale panchromatic photography were controlled by map points determined by Aerotriangulation and used for compiling interior cultural features.

The tidal datum lines were compiled by office interpretation of the ratio tide-coordinated black and white infrared photography which was controlled by common detail compiled from the rectified black and white prints. (See item 35).

A field edit will be made to validate the interpretation and symbolization of features. The area of this sheet common to 1:10,000 scale maps TP-00345 and 346 were not duplicated. Reductions of these maps will be made after field edit.

32. Horizontal Control

The Horizontal Control was adequate. (See the Photogrammetric Plot Report).

33. Supplemental Data - None

34. Contours and Drainage

Contours are not applicable. Drainage was compiled from the office interpretation of the ratio tide-coordinated black and white infrared photography.

35. Shoreline and Alongshore Detail

Office interpretation of the tide-coordinated black and white infrared photography was adequate for delineation of the shoreline and along shore detail. Since GCLW photography was the only tide-coordinated photography flown, it was also used to interpret the MHW line. With a tide range of only 1.4 ft. the difference between MHW and GCLW was insignificant at the map scale. In addition, a field profile point was used to check the accuracy of the MHW line delineation.

36. Offshore Details

No unusual problems were encountered.

37. Landmarks and Aids

One (1) nonfloating aid was located by photogrammetric methods. The two (2) landmarks on TP-00347 are triangulation stations. Their photogrammetric positions agree with the geodetic positions. The nonfloating aid and the two (2) landmarks will be visually verified by field edit.

38. Control for Future Surveys - None39. Junctions

Refer to Form 76-36B

40. Horizontal and Vertical Accuracy

This map complies with the accuracy requirements for the Florida Coastal Zone Mapping Program as outlined by the project instructions, CM-7701

41. - 45. Inapplicable

46. Comparison with Existing Maps

Comparison was made with the following USGS 7.5 min. topographic quadrangles:

Long Point, Fla. 1956

Beacon Beach, Fla. 1956

Springfield, Fla. 1956

Panama City

47. Comparison with Nautical Charts

Comparison was made with the following nautical charts:

11390	June 25, 1977	1:40,000
11389	April 23, 1977	1:80,000
11391	Jan. 24, 1976	1:25,000

Submitted by,

William M. Maynard

William M. Maynard
Cartographer

Approved and forwarded:

John P. Bartley Jr.

Chief, Coastal Mapping Section

FIELD EDIT REPORT TP-00347, JOB CM-7701

51. METHODS

Field edit was performed under instructions dated 1/30/78 from Chief, Coastal Mapping Division, Rockville, Maryland.

The shoreline was inspected from a small boat while cruising just off shore.

Field edit notes will be found on the photographs and discrepancy print.

52. ADEQUACY OF COMPILATION

Adequate after application of field edit.

53. MAP ACCURACY

No test required.


54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Not required.

Submitted: 3/17/78


Robert R. Wagner
Chief, Photo Party 66

REVIEW REPORT
TP-00347
DECEMBER 1984

61. General Statement

Refer to the summary bound with this Descriptive Report.

62. Comparison With Registered Topographic Surveys - None

63. Comparison With Maps of Other Agencies

Refer to the Comilation Report, paragraph 46, bound with this Descriptive Report.

64. Comparison With Contemporary Hydrographic Surveys - None

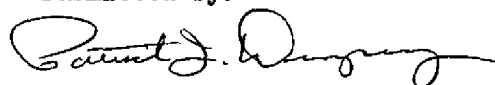
65. Comparison With Nautical Charts

Refer to the Compilation Report, paragraph 47, bound with this Descriptive Report.

66. Adequacy of Results and Future Surveys

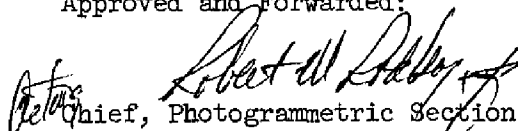
This map complies with the Project Instructions and meets the requirements for National Standards of Map Accuracy.

Submitted by:



Patrick J. Dempsey
Final Reviewer

Approved and Forwarded:



Robert W. Robley
Chief, Photogrammetric Section



Ronald K. Brewer
Chief, Photogrammetry Branch

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7701 (Cape San Blas to Fort Walton Beach, Fla.)

TP-00347

Alligator Point

Atlantic & St Andrews
Bay R W

Baker

Bay Harbor

Beacon Beach

Bear Point

Buena Vista Point

Bunkers Cove

Bunkers Point

Courtney Point

Cromanton

Davis Point

Donalson Point

East Bay

Ferry Point

Freshwater Bayou

Glenwood

Grand Lagoon

Gulf of Mexico

Johnson Bayou

Lake Caroline

Lake Claire

Lake Martin

Lake Van Vac

Lands End

Long Point (Ppl)

Long Point

Magnolia Beach

Massalina Bayou

Military Point

Millville

Palmetto Point

Panama City

Parker

Parker Bayou

Parker Point

Pearl Bayou

Pitts Bayou

Redfish Point

Saint Andrew Bay

Saint Andrews State Park

San Blas

Sheephead Bayou

Shell Island

Shoal Point Bayou

Smack Bayou

Springfield

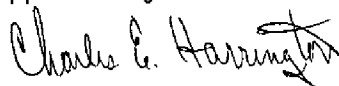
Spanish Shanty Point

Town Point

Watson Bayou

Tyndall Air Force Base

Approved by:



Charles E. Harrington
Chief Geographer - C3x8

DISSEMINATION OF PROJECT MATERIAL

CM-7701

CAPE SAN BLAS TO FORT WALTON BEACH

National Archives/Federal Records Center

Job Completion Report

Brown Jacket:

Field Photographs

Discrepancy Prints

Photogrammetric Plot Report

Tide Data

Control Station Identification Cards

Bureau Archives

--Registered Map

Descriptive Report

Reproduction Division

8x Reduction Negative of Map

Office of Staff Geographer

Geographic Names Standards

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

76-40
LISTING

SVY	TP00347	*	* RPT UNIT	CMD, ROCKVILLE, MD.	*	PAGE	1 OF	6	*
JOB	CM7701	*	* STATE	FLORIDA	*				*
PRJ	833205	*	* LOCALITY	PEARL BAYOU	*	*ORIGINATING ACTIVITY			*
DTM	NA1927	*	* DATE	03/20/78	*	* COMPILATION			*

OBJECTS INSPECTED FROM SEAWARD	*	ROBERT R. WAGNER	*	PHOTO FIELD PARTY
POSITIONS DETERMINED	*	ROBERT R. WAGNER	*	FIELD REPRESENTATIVE
AND/OR VERIFIED BY	*	JETER P. BATTLE	*	OFFICE COMPILER
FIELD AND OFFICE	*	ALFRED BETHEA	*	DIGITIZER
ACTIVITIES	*	JAMES H. TAYLOR	*	DATA PROCESSER

KEY FOR ENTRIES UNDER METHOD AND DATE OF LOCATION

OFFICE * * * * *

1. OFFICE IDENTIFIED AND LOCATED OBJECTS. * * * * *

THE NUMBER AND DATE (INCLUDING MONTH, DAY * * * * *

AND YEAR) OF THE PHOTOGRAPH USED TO * * * * *

IDENTIFY AND LOCATE THE OBJECT ARE SHOWN. * * * * *

EXAMPLE 75E(C)6042 * * * * *

8-12-77 * * * * *

FIELD (CONT, D) * * * * *

3. PHOTOGRAMMETRIC FIELD POSITIONS** SHOW * * * * *

THE METHOD OF LOCATION OR VERIFICATION, * * * * *

DATE OF FIELD WORK AND NUMBER OF PHOTO- * * * * *

GRAPH USED TO LOCATE AND IDENTIFY THE * * * * *

OBJECT. * * * * *

EXAMPLE P-8-V * * * * *

FIELD

* 1-NEW POSITION DETERMINED OR VERIFIED	* 2-TRIANGULATION STATION RECOVERED
* KEY TO SYMBOLS	* WHEN A LANDMARK OR AID WHICH IS ALSO A TRI-
* F-FIELD	* ANGULATION STATION IS RECOVERED, A TRIANG.
* L-LOCATED	* REC. WITH DATE OF RECOVERY IS SHOWN.
* V-VERIFIED	* EXAMPLE TRIANG. REC.
* 1-TRIANGULATION	* 8-12-76
* 5-FIELD IDENTIFIED	

*FIELD POSITIONS ARE DETERMINED BY FIELD
OBSERVATIONS BASED ENTIRELY UPON GROUND
SURVEY METHODS

\$ **PHOTOGRAMMETRIC FIELD POSITIONS ARE
DEPENDENT ENTIRELY,OR IN PART,UPON CONTROL
ESTABLISHED BY PHOTOGRAMMETRIC METHODS.

NOTE: WHERE THE NAME OF AN AID INCLUDES THE IMMEDIATE GEOGRAPHIC HEADING UNDER WHICH IT IS LISTED, ** A DASH (-) IS USED TO INDICATE THE GEOGRAPHIC HEADING WHICH IS PART OF THE OFFICIAL NAME.

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SVY	IP00347	*	RPT UNIT	CMD, ROCKVILLE, MD.	*	PAGE	2 OF 6	*
JOB	CH7701	*	NONFLOATING AIDS FOR CHARTS	STATE FLORIDA	*			*
PRJ	833205	*	TO BE CHARTED	LOCALITY PEARL BAYOU	*	ORIGINATING	ACTIVITY	*
DTM	NA1927	*		DATE 03/20/76	*	COMPILATION		*
THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS								
DESCRIPTION								
CHARING*	RECORD REASON FOR DELETION	*	LATITUDE	DM	ALTEK*	METHOD AND DATE	*	CHARTS *
NAME *	PUT TRIANGULATION NAMES IN ()	*	LONGITUDE	DP	DGTZD*	OFFICE	* FIELD	* AFFECTED*
ONLY THOSE NONFLOATING AIDS AND LANDMARKS TO NAVIGATION								
THAT WERE VISIBLE ON THE PHOTOGRAPHY AND LOCATED DURING								
BRIDGING OR COMPILATION ARE SHOWN ON THIS MAP.								
EAST BAY								
-LIGHT	SHOAL POINT BAYOU CHANNEL	*	30 05 56.90	1752.0	*77Z1656	* V-VIS	*	11390 *
1		*	85 35 21.15	566.3	* 01/19/77	* 03/15/78	*	11391 *
-LIGHT	PEARL BAYOU	*	30 06 14.71	452.9	*77Z1953	* V-VIS	*	
2		*	85 36 47.04	1259.5	* 01/20/77	* 03/20/78	*	DITTO *
-LIGHT		*	30 06 02.72	83.8	*77Z1953	* V-VIS	*	
3		*	85 36 55.02	1473.2	* 01/20/77	* 03/20/78	*	DITTO *
-LIGHT	EAST BAY	*	30 06 09.81	302.1	*77Z1953	* V-VIS	*	
45		*	85 35 11.52	308.4	* 01/20/77	* 03/20/78	*	DITTO *
ST. ANDREW BAY ENTRANCE								
-RGE A	RANGE A FRONT LIGHT	*	30 08 44.89	1382.2	*77Z1651	* V-VIS	*	11389 *
FRT LT		*	85 41 34.53	924.1	* 01/19/77	* 03/29/78	*	11390 *
-RGE A	RANGE A REAR LIGHT	*	30 09 26.82	625.8	*77Z1745	* V-VIS	*	11391 *
R LT		*	85 40 31.78	650.4	* 01/19/77	* 03/29/78	*	DITTO *

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

* SVY IP00347 * RPT UNIT CMD, ROCKVILLE, MD. * PAGE 3 OF 6 *
 * JOB CM7701 * NONFLOATING AIDS FOR CHARTS * STATE FLORIDA *
 * PRJ 833205 * LOCALITY PEARL BAYOU * ORIGINATING ACTIVITY *
 * DTM NA1927 * DATE 03/20/78 * COMPILATION *

THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS

* CHARTING* RECORD REASON FOR DELETION * LATITUDE DM ALTEK* CMD * METHOD AND DATE *
 * NAME * PUT TRIANGULATION NAMES IN () * LONGITUDE DP DGTZD* OFFICE * FIELD * AFFECTED*

* ST. ANDREW BAY
 (EASTWARD)

* LIGHT * MASSALINA BAYOU ENTRANCE LT. 1 * 30 08 56.47 1738.8 * 77Z1962 * V-VIS * 11389 *
 1 * 85 35 47.98 1284.0 * 01/20/77 * 03/20/78 * 11390 *

* -LIGHT *
 18 * 30 08 34.16 1051.9 * 77Z1950 * V-VIS * 11391 *
 * 85 40 03.46 92.6 * 01/20/77 * 03/29/78 * DITTO *

* -LIGHT *
 23 * 30 08 01.54 47.4 * 77Z1962 * V-VIS *
 * 85 38 54.27 1452.6 * 01/20/77 * 03/20/78 * DITTO *

* -LIGHT *
 24 * 30 07 35.52 1093.7 * 77Z1962 * V-VIS *
 * 85 38 36.08 965.8 * 01/20/77 * 03/20/78 * DITTO *

* -LIGHT *
 27 * 30 08 01.56 48.0 * 77Z1961 * V-VIS *
 * 85 37 54.16 1449.7 * 01/20/77 * 03/20/78 * DITTO *

* -LIGHT *
 28 * 30 07 36.97 1138.4 * 77Z1961 * V-VIS *
 * 85 37 14.48 387.6 * 01/20/77 * 03/20/78 * DITTO *

* ST. ANDREW BAY
 (WESTWARD)

* - WEST * WEST LIGHT 3 * 30 09 01.41 43.4 * 77Z1950 * V-VIS *
 LT 3 * 85 41 29.80 797.5 * 01/20/77 * 03/29/78 * DITTO *

* - WEST * WEST LIGHT 11 * 30 09 53.80 1656.6 * 77Z1950 * V-VIS *
 LT 11 * 85 43 14.81 396.3 * 01/20/77 * 03/29/78 * DITTO *

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PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

* SVY TP00347 * RPT UNIT CMD, ROCKVILLE, MD. * PAGE 4 OF 6 *
 * JOB CH7701 * STATE FLORIDA *
 * PRJ 833205 * LOCALITY PEARL BAYOU * ORIGINATING ACTIVITY *
 * DTM NA1927 * DATE 03/20/78 * COMPILATION *

* THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS *

* DESCRIPTION * POSITION * CMD * METHOD AND DATE *
 * CHARTING * RECORD REASON FOR DELETION * LATITUDE DM ALTEK * OF LOCATION * CHARTS *
 * NAME * PUT TRIANGULATION NAMES IN () * LONGITUDE DP OGTZO * OFFICE * FIELD * AFFECTED *

ST. ANDREW BAY									
GRAND LAGOON									
-LIGHT	3	30 08 23.61	727.0	77Z1653	V-VIS	11390			
		85 44 05.29	141.6	01/19/77	03/29/78	11391			
			</						

