T P - 00346

NOAA FORM 76-35
(3-76)

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

DESCRIPTIVE REPORT

Map No.	*Edition No.*
TP-00346	1st

Job No.
CM-7701

Map Classification
Final Field Edited Map

Type of Survey
Shoreline

LOCALITY

State
FLORIDA

General Locality
Panama City to Long Point

Locality
Cape San Blas to Fort Walton Beach

19 77 TO 19 78

REGISTRY IN ARCHIVES

DATE

*U. S. GOVERNMENT PRINTING OFFICE:1976-669-248

1 thru 21

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-00346

MAP EDITION NO. (1)

MAP CLASS Final field edited

JOB ~~PH~~CM-7701

PHOTOGRAMMETRIC OFFICE: Rockville, Md.

OFFICER-IN-CHARGE: Cmdr. James Collins

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

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

3. MAP PROJECTION: Lambert Conformal Conic

4. GRID(S): STATE: Florida; ZONE: North

5. SCALE: 1:10,000 — 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	J. Taylor	Sept 1977
	CHECKED BY	N/A	
3. STEREOSCOPIC INSTRUMENT COMPILATION	PLANIMETRY BY	N/A	
	CHECKED BY		
INSTRUMENT:	CONTOURS BY	N/A	
SCALE:	CHECKED BY		
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	E. Allen	Dec 1977
	CHECKED BY	P. Dempsey	Jan 1978
METHOD: Graphic	CONTOURS BY	N/A	
	CHECKED BY		
SCALE: 1:10,000	HYDRO SUPPORT DATA BY	N/A	
	CHECKED BY		
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	P. Dempsey	Dec 1977
6. APPLICATION OF FIELD EDIT DATA	BY	J. Battley, Jr.	April 1978
	CHECKED BY	P. Dempsey	April 1978
7. COMPILATION SECTION REVIEW	BY	J. Battley, Jr.	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 76-36A — SUPERSEDES FORM C&GS 181 SERIES

* U.S. G.P.O. 1972-769380/547 REG. #6

NOAA FORM 76-36B
(3-72)

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

TP-00346

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S): Wild RC-8-RC-10

TIDE STAGE REFERENCE
- ☐ PREDICTED TIDES
- ☐ REFERENCE STATION RECORDS
- ☒ TIDE CONTROLLED PHOTOGRAPHY

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

TIME REFERENCE
ZONE: Central ☒ STANDARD ☐ DAYLIGHT
MERIDIAN: 90th

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
77Z(C) 1951-1953	20 Jan 77	1320	1:30,000	The stage of tide is inapplicable for the color photography.
1959-1962	20 Jan 77	1338	1:30,000	
77E 8922 RL	29 Jan 77	1207 CST	1:40,000	See NOAA Form 76-36 B.(1)
8923 RL				

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The MHWL was delineated by an office interpretation of the color photogaphy listed above. As the range of tide was less than 2 feet, the lack of MHW infrared photography was not considered a problem. The tide coordinated GCLW photography was also compared for verification of the shoreline delineation.

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-00344	TP-00348	TP-00347	TP-00345

REMARKS: Final junctions were made by 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 – 00346

LOCATION AND PHOTOGRAPHY	TIDE STATIONS *(In operation at time of photography)*	STAGE OF TIDE	MEAN RANGE
77E (R) 8922-8923	Panama City St. Andrews Bays Sta 9189	-0.21 GCLW	

REMARKS:

NOAA FORM 76-36C
(3-72)

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

HISTORY OF FIELD OPERATIONS TP-00346

I. ☐ FIELD INSPECTION OPERATION ☒ FIELD EDIT OPERATION under 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 ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION	BY	
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

PHOTO NUMBER	STATION NAME

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS *(Clarification of details)*

7721952, 1960 thru 1962; 77ER8922, 8923

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME

PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE

6. 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)*

*U.S. GOVERNMENT PRINTING OFFICE: 1974 - 768-078

NOAA FORM 76-36D
(3-72)

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

RECORD OF SURVEY USE

TP-00346

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Shoreline & Alongshore Detail	Nov 77	Map Class III		
Final Copy	Nov 78	Atlantic Marine Center CAM 313 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
5		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

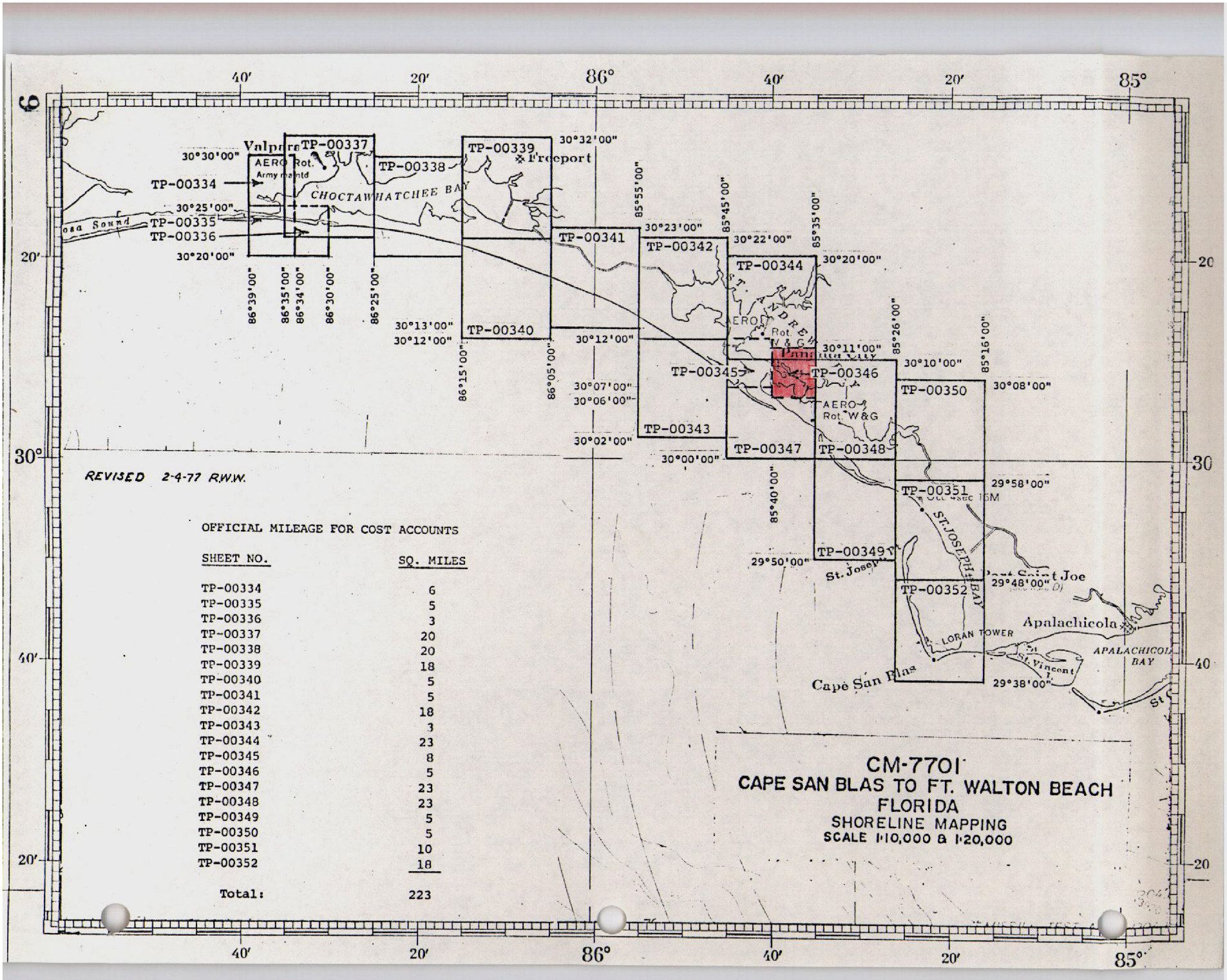
1. ☒ BRIDGING PHOTOGRAPHS; ☐ DUPLICATE BRIDGING REPORT; ☐ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS 76-46 SUBMITTED BY FIELD PARTIES.
3. ☒ SOURCE DATA *(except for Geographic Names Report)* AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:

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

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



REVISED 2-4-77 R.W.W.

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

CM-7701

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

SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT

Coastal Zone Map TP-00346, scale 1:10,000, 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.

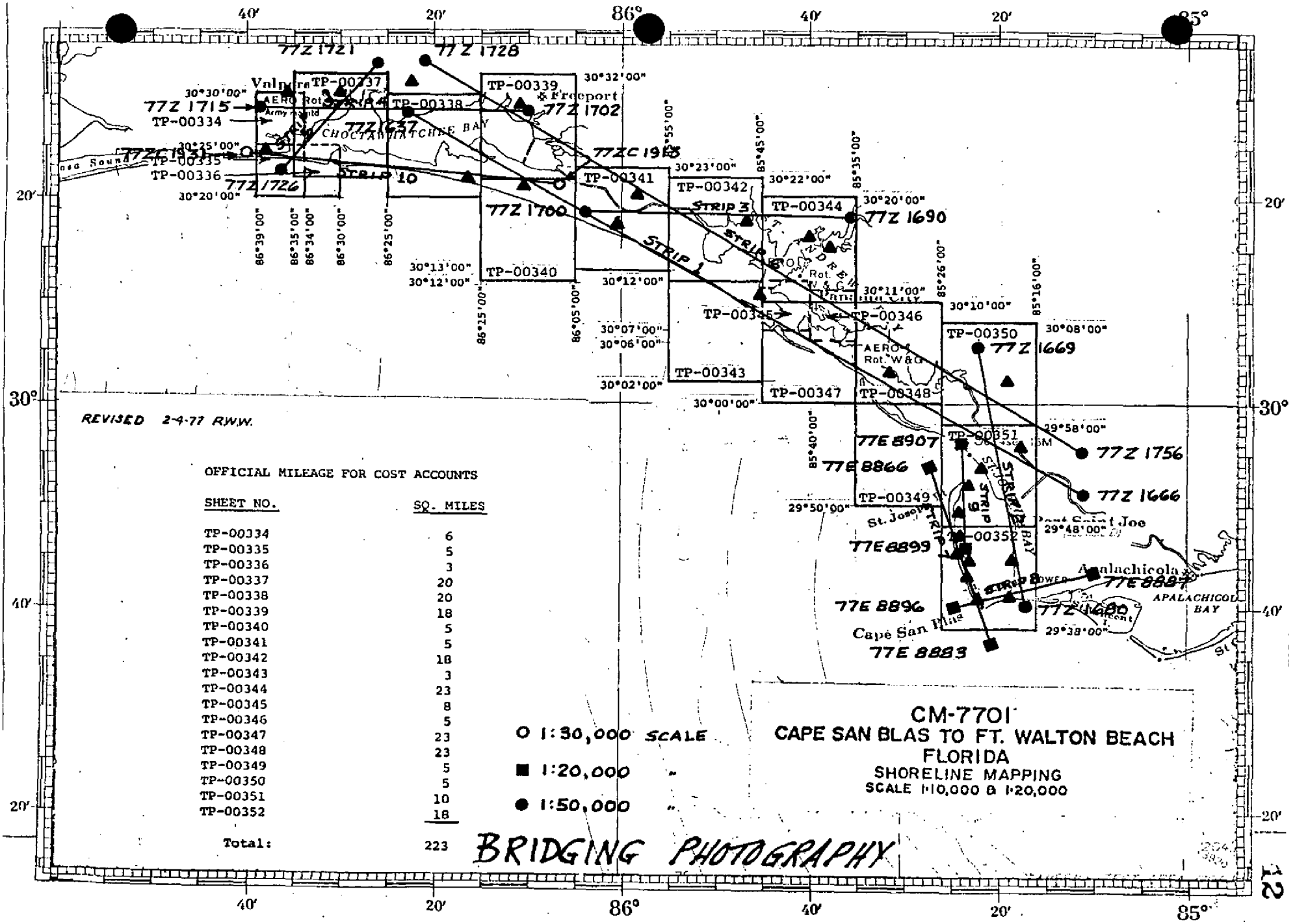
John D. Perrow, Jr.
Chief, Aerotriangulation Section

ACCURACY OF CONTROL USED IN STRIP ADJUSTMENT

	ERROR	
Strip 2	-x-	-y-
671101	.431	.157
663101	-.888	-.704
677101	-.188	-1.325
678100	1.444	3.051
680101	-.986	-1.251
Strip 3		
690103	-.456	-.240
692101	.865	.357
741101	-.550	-.148
680101	.138	.031
Strip 4		
705101	-.299	-.166
708101	.805	.664
712100	-1.107	-1.293
714101	.587	.793
Strip 7		
871100	-.001	.002
876101	.000	.000
880101	.002	-.002
Strip 8		
889801	.000	.000
680101	.000	.000
880101	-.000	-.000
Strip 9		
871100	-.000	-.000
900101	-.000	-.000
903100	.000	.000
Strip 10		
642101	.000	-.000
719801	-.000	.000
919101	-.000	.000

ACCURACY OF CONTROL POINTS USED IN STRIP ADJUSTMENT

	ERROR	
	-x-	-y-
Strips 1 and 6 (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



REVISED 2-4-77 R.W.W.

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
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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

○ 1:30,000 SCALE

■ 1:20,000 "

● 1:50,000 "

BRIDGING PHOTOGRAPHY

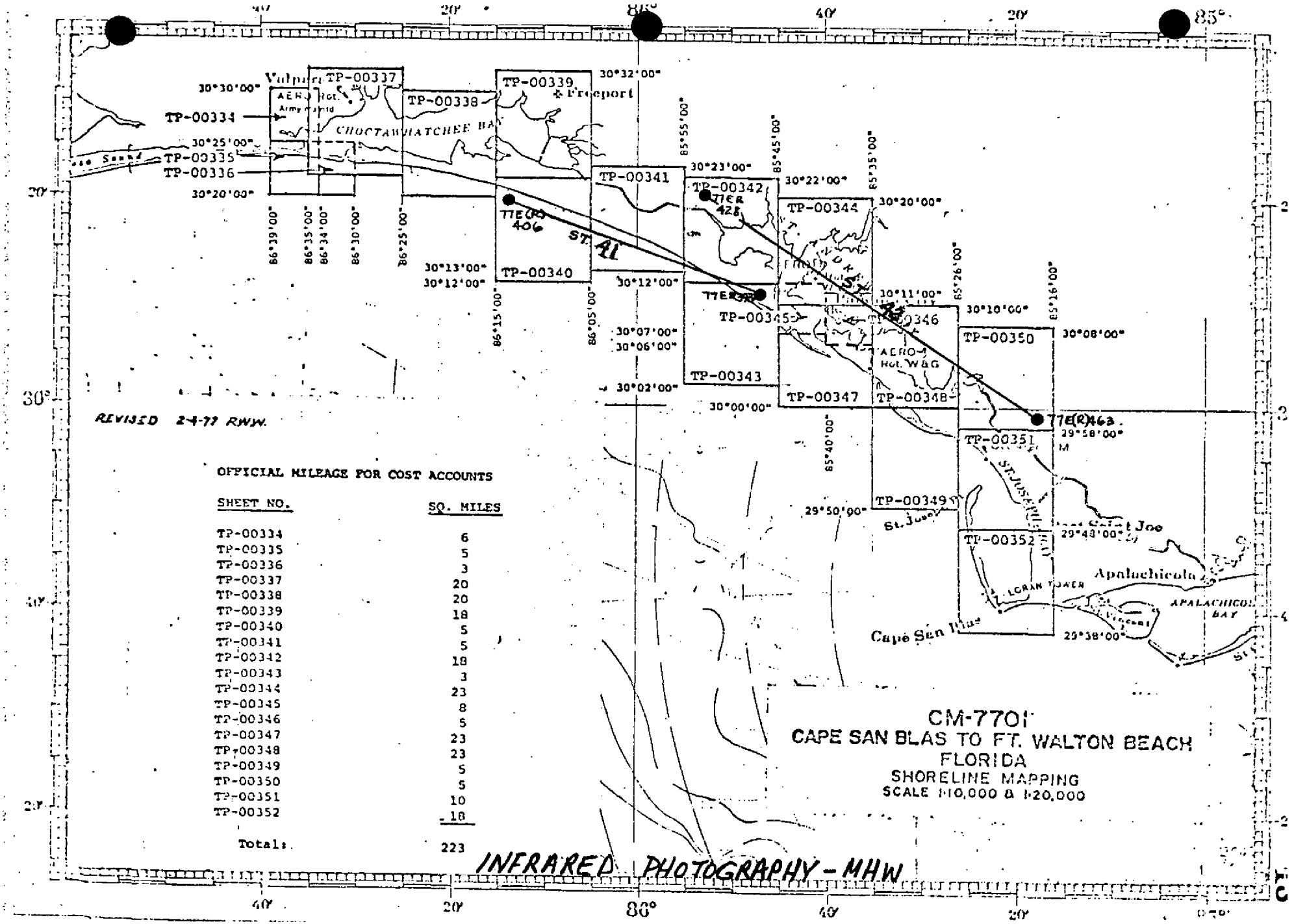
CM-7701

CAPE SAN BLAS TO FT. WALTON BEACH

FLORIDA

SHORELINE MAPPING

SCALE 1:10,000 & 1:20,000



REVISED 2-4-77 RNW.

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SHEET NO.	SQ. MILES
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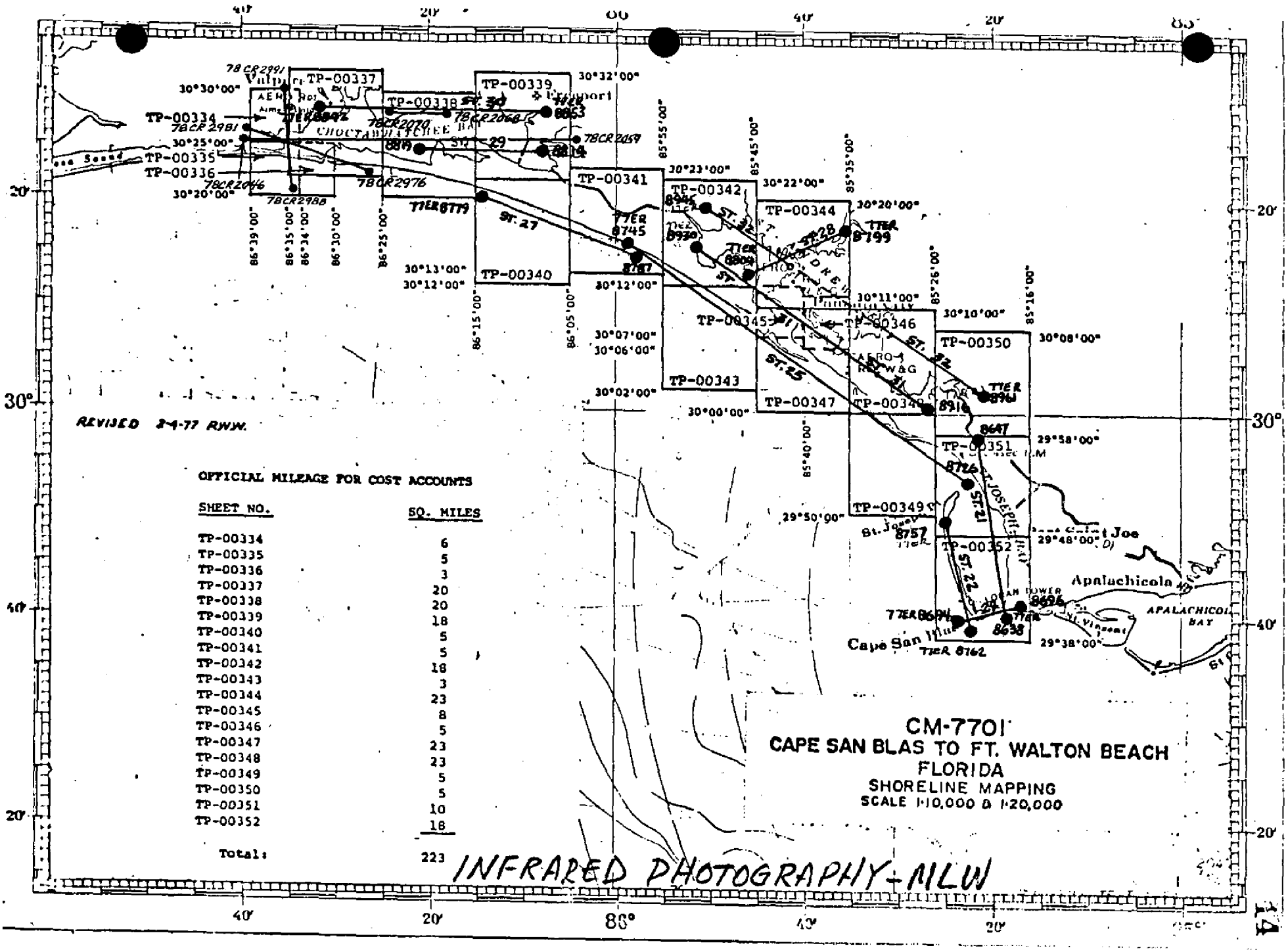
TP-00347	23
TP-00348	23
TP-00349	5
TP-00350	5
TP-00351	10
TP-00352	18
Total:	223

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.

OFFICIAL MILEAGE FOR COST ACCOUNTS

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TP-00350	5
TP-00351	10
TP-00352	18
Total:	223

INFRARED PHOTOGRAPHY + MLW

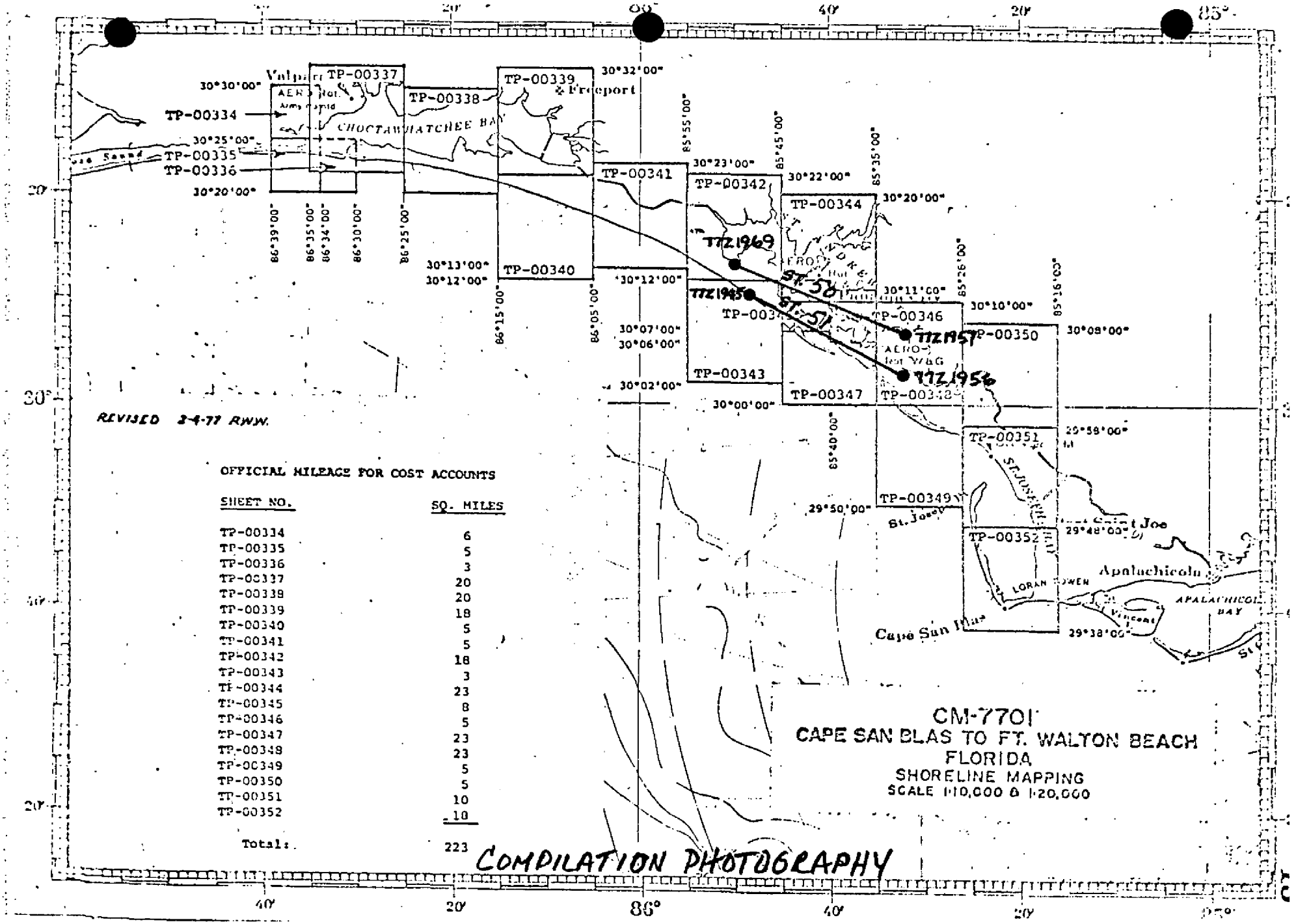
CM-7701

CAPE SAN BLAS TO FT. WALTON BEACH

FLORIDA

SHORELINE MAPPING

SCALE 1:10,000 & 1:20,000



REVISED 3-4-77 RNW.

OFFICIAL MILEAGE FOR COST ACCOUNTS

SHEET NO.	SQ. MILES
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Total:	223

CM-7701

CAPE SAN BLAS TO FT. WALTON BEACH
FLORIDA
SHORELINE MAPPING

SCALE 1:10,000 & 1:20,000

COMPILATION PHOTOGRAPHY

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-00346	CM-7701	N A 1927	Rockville, Md.

STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET STATE Florida ZONE North	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	REMARKS
Panama City Municipal Tank, 1934	P C Pg 23	22	x= 1,632,840.26 y= 423,291.04	φ 30° 09' 31.81" λ 85° 39' 42.37"	
Southern Kraft Tank, 1934	Pg 50	29	x= 1,645,818.14 y= 417,112.99	φ 30° 08' 31.94" λ 85° 37' 13.86"	
Tyndall AFB Capehart Housing Water Tank, 1959	Quad 300853 Sta 1007 Vol II Pg29	32	x= 1,636,888.56 y= 402,316.21	φ 30°06' 04.59" λ 85° 38' 53.85"	
Britton, 1934	Pg 21	34	x= 1,645,147.79 y= 410,822.53	φ 30° 07' 29.61" λ 85° 37' 20.79"	
Ferry Point, 1910	Pg 52	35	x= 1,646,138.20 y= 410,073.72	φ 30° 07' 22.29" λ 85° 37' 09.43"	
Pine, 1934	Pg 50	36	x= 1,645,045.95 y= 409,094.84	φ 30° 07' 12.50" λ 85° 37' 21.75"	
Gabel 2, 1910	Pg 52	37	x= 1,646,768.82 y= 403,434.80	φ 30° 06' 16.64" λ 85° 37' 01.51"	
Pearl, 1934	Pg 50	38	x= 1,646,921.25 y= 403,501.90	φ 30° 06' 17.31" λ 85° 36' 28.82"	
Oyster West, 1910	Pg 52	39	x= 1,650,457.86 y= 404,629.39	φ 30° 06' 28.82" λ 85° 36' 19.64"	
Millville Southern Kraft Co. Taller Concrete Stack, 1934	Geod. Data Base		x= y=	φ 30° 08' 32.13" λ 85° 37' 16.59"	

COMPUTED BY	DATE	COMPUTATION CHECKED BY	DATE
LISTED BY E. Allen	DATE Dec 1977	LISTING CHECKED BY P. Dempsey	DATE Jan 1978
HAND PLOTTING BY	DATE	HAND PLOTTING CHECKED BY	DATE

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

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-00346	CM-7701	N A 1927	Rockville, Md.

STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE Florida ZONE North	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	REMARKS
Millville Southern Kraft Co. Shorter Concrete Stack, 1934	Geod. Data Base		x=	φ 30° 08' 27.71"	
			y=	λ 85° 37' 15.79"	
			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	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	

COMPUTED BY	DATE	COMPUTATION CHECKED BY	DATE
LISTED BY E. Allen	DATE Dec 1977	LISTING CHECKED BY P. Dempsey	DATE Jan 1978
HAND PLOTTING BY	DATE	HAND PLOTTING CHECKED BY	DATE

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

Compilation Report
TP-00346
February 1978

31. Delineation

The shoreline and interior features were compiled by graphic methods. The black and white rectified prints of the 1:30,000 color photography were used in compilation. This photography was controlled by map points determined by aerotriangulation.

As no MHW infrared photography was available for TP-00346, a thorough stereo examination of the rectified prints and the ratio , 1:40,000, tide-coordinated, infrared, GCLW photography was used to interpret the MHW line.

The GCLW line was compiled from the ratio , tide-coordinated, infrared photography controlled by common pass points and cultural features detailed from the rectified prints.

32. Horizontal Control

Control was adequate (see the photogrammetric plot report)

33. Supplemental Data - None

34. Contours and Drainage

Contours not applicable. Drainage - all drainage is from office interpretation of photography listed on NOAA's Form 76-36B.

35. Shoreline and Alongshore Details

The GCLW line was compiled graphically from the tide-coordinated infrared photography listed on the data record Form 76-36B. The MHWL was office interpreted from stereomodels of the 1:30,000 scale color. As the range of tide for the area of this map is less than 2 feet, it is felt that an accurate delineation was obtained. All shoreline delineation is to be field edited.

36. Offshore Details

No unusual problems were encountered in compiling details offshore.

37. Landmarks and Aids

With the exception of the landmarks and aids that have triangulation positions, the 2 landmarks and 8 nonfloating aids shown on this map are those located photogrammetrically during bridging or compilation only. These will be visually verified as to their existence by the field editor.

38. Control for Future Surveys - None

39. Junctions

Refer to data record 76-36B

40. Horizontal and Vertical Accuracy

This map complies with the accuracy requirement for the Florida Coastal Zone Mapping Program as outlined by project instruction, CM 7701.

41. thru 45. Inapplicable

46. Comparison with Existing Maps

Comparison was made with the following 7.5 minute USGS Quadrangles; Beacon Beach, Fla. - Crooked Island, Fla. - Long Point, Fla. - Panama City, Fla. - and Springfield, Fla.

47. Comparison with Nautical Charts

11389 (1263)	1:80,000 scale
11391 (489) 11th Ed., 1/24/77	1:25,000 scale
11390 (868SC)	1:40,000 scale

Submitted by,

Edward D. Allen
Cartographer

Approved and forwarded:

Peter P. Battley Jr

J. P. Battley, Jr.
Chief, Coastal Mapping Section

FIELD EDIT REPORT TP-00346, 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: 3/22/78

Robert R. Wagner
Chief, Photo Party 66

REVIEW REPORT
TP-00346
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:

Chief, Photogrammetric Section

Chief, Photogrammetry Branch

October 3, 1977

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00346

Bay Harbor

Beacon Beach (Locality)

Bunkers Cove

Bunkers Point

Cromanton

Donalson Point

East Bay

Ferry Point

Freshwater Bayou

Glenwood

Lake Claire

Lake Martin

Lake Van Vac

Long Point

Long Point (Locality)

Massalina Bayou

Military Point

Millville

Palmetto Point

Panama City

Parker

Parker Bayou

Parker Point

Pearl Bayou

Pitts Bayou

Saint Andrew Bay

Sheephead Bayou

Smack Bayou

Springfield

Town Point

Watson Bayou

Approved by:

Charles E. Harrington

Charles E. Harrington
Chief Geographer

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

SVY TP00346	RPT UNIT CMD, ROCKVILLE, MD.	PAGE 1 OF 5	
JOB CM7701	STATE FLORIDA		
PRJ 833205	LOCALITY ST. ANDREW BAY	ORIGINATING ACTIVITY	
DTM NA1927	DATE 03/20/78	COMPILATION	

OBJECTS INSPECTED FROM SEAWARD POSITIONS DETERMINED AND/OR VERIFIED BY FIELD AND OFFICE ACTIVITIES		
	ROBERT R. WAGNER	PHOTO FIELD PARTY
	ROBERT R. WAGNER	FIELD REPRESENTATIVE
	JETER P. BATTLEY	OFFICE COMPILER
	ALFRED BETHEA	DIGITIZER
	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

1. NEW POSITION DETERMINED OR VERIFIED

   KEY TO SYMBOLS

F-FIELD	P-PHOTOGRAMMETRIC
L-LOCATED	VIS-VISUALLY
V-VERIFIED	
1-TRIANGULATION	5-FIELD IDENTIFIED
2-TRAVERSE	6-THEODOLITE
3-INTERSECTION	7-PLANETABLE
4-RESECTION	8-SEXTANT

   A. FIELD POSITIONS* SHOW THE METHOD OF LOCATION AND DATE OF FIELD WORK.
   EXAMPLE F-2-6-L
   8-12-76

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

FIELD(CONT,D)

B. PHOTOGRAMMETRIC FIELD POSITIONS** SHOW THE METHOD OF LOCATION OR VERIFICATION, DATE OF FIELD WORK AND NUMBER OF PHOTOGRAPH USED TO LOCATE AND IDENTIFY THE OBJECT.
EXAMPLE P-6-V
8-12-77
74L(C)2982

2. TRIANGULATION STATION RECOVERED
WHEN A LANDMARK OR AID WHICH IS ALSO A TRIANGULATION STATION IS RECOVERED, A TRIANG. REC. WITH DATE OF RECOVERY IS SHOWN.
EXAMPLE TRIANG. REC.
8-12-76

3. POSITION VERIFIED VISUALLY ON PHOTOGRAPH SHOWN BY V-VIS AND DATE.
EXAMPLE V-VIS
8-12-75

**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.

SVY TP00346		RPT UNIT CMD, ROCKVILLE, MD.	PAGE 2 OF 5
JOB CM7701	NONFLOATING AIDS FOR CHARTS	STATE FLORIDA	
PRJ 833205	TO BE CHARTED	LOCALITY ST. ANDREW BAY	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 NAME	DESCRIPTION RECORD REASON FOR DELETION PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE / LONGITUDE	DM / DP	CMD ALTEK / DGTZD	METHOD AND DATE OF LOCATION OFFICE	METHOD AND DATE OF LOCATION FIELD	CHARTS 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 2	PEARL BAYOU	30 06 14.71 85 36 47.04	452.9 1259.5	77Z1952 01/20/77	V-VIS 03/20/78		11390 11391
-LIGHT 3		30 06 02.72 85 36 55.02	83.8 1473.2	77Z1953 01/20/77	V-VIS 03/20/78		DITTO
	EAST BAY						
-LIGHT 45		30 06 09.81 85 35 11.52	302.1 308.4	77Z1953 01/20/77	V-VIS 03/20/78		DITTO
	ST. ANDREW BAY (EASTWARD)						
LIGHT 1	MASSALINA BAYOU ENTRANCE LT. 1	30 06 56.47 85 39 47.98	1738.8 1264.0	77Z1962 01/20/77	V-VIS 03/20/78		11389 11390 11391

SVY TP00346		RPT UNIT CMD, ROCKVILLE, MD.	PAGE 3 OF 5	
JOB CM7701	NONFLOATING AIDS FOR CHARTS	STATE FLORIDA		
PRJ 833205	TO BE CHARTED	LOCALITY ST. ANDREW BAY	ORIGINATING ACTIVITY	
DTM NA1927		DATE 03/20/78	COMPILATION	

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CHARTING NAME	DESCRIPTION RECORD REASON FOR DELETION PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE LONGITUDE	DM DP	CMD ALTEK DGTZD	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS AFFECTED
	ST. ANDREW BAY						
-LIGHT 23	(EASTWARD)	30 08 01.54 85 38 54.27	47.4 1452.6	77Z1962 01/20/77	V-VIS 03/20/78		11389 11390 11391
-LIGHT 24		30 07 35.52 85 38 36.08	1093.7 965.8	77Z1962 01/20/77	V-VIS 03/20/78		DITTO
-LIGHT 27		30 08 01.56 85 37 54.16	48.0 1449.7	77Z1961 01/20/77	V-VIS 03/20/78		DITTO
-LIGHT 28		30 07 36.97 85 37 14.48	1138.4 387.6	77Z1961 01/20/77	V-VIS 03/20/78		11390 11391

76-40 LISTING | PHOTOGRAMMETRIC BRANCH COASTAL MAPPING DIVISION | NATIONAL OCEAN SURVEY NOAA DEPARTMENT OF COMMERCE USA | DATATAB VERSION 782707

SVY TP00346		RPT UNIT CMD, ROCKVILLE, MD.	PAGE 4 OF 5	
JOB CM7701	LANDMARKS FOR CHARTS	STATE FLORIDA		
PRJ 833205	TO BE CHARTED	LOCALITY ST. ANDREW BAY	ORIGINATING ACTIVITY	
DTM NA1927		DATE 03/20/78	COMPILATION	

THE FOLLOWING OBJECTS HAVE BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS

CHARTING NAME	DESCRIPTION RECORD REASON FOR DELETION PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE LONGITUDE	DM DP	CMO ALTEK DGTZD	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS AFFECTED
STACK	(MILLVILLE SOUTHERN KRAFT CO. SHORTER CONCRETE STACK, 1934)	30 06 27.71 85 37 15.79	853.2 422.6	NOT DGTZD	TRIANG	V-VIS 03/21/78	11389 11390 11391
TANK		30 09 30.54 85 37 59.80	940.4 1600.2	77Z1613 01/20/77	V-VIS 03/21/78	DITTO	
TANK		30 09 24.75 85 38 56.00	762.1 1498.6	77Z1613 01/20/77	V-VIS 03/21/78	DITTO	

76-40 LISTING | PHOTOGRAMMETRIC BRANCH COASTAL MAPPING DIVISION | NATIONAL OCEAN SURVEY NOAA DEPARTMENT OF COMMERCE USA | DATATAB VERSION 762707

SVY TP00346		RPT UNIT CMD, ROCKVILLE, MD.	PAGE 5 OF 5
JOB CM7701	LANDMARKS FOR CHARTS	STATE FLORIDA	
PRJ 833205	TO BE DELETED	LOCALITY ST. ANDREW BAY	ORIGINATING ACTIVITY
DTM NA1927		DATE 03/20/78	COMPILATION

THE FOLLOWING OBJECTS HAVE BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS

CHARTING NAME	DESCRIPTION RECORD REASON FOR DELETION PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE LONGITUDE	DM DP	CMD ALTEK DGTZD	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS AFFECTED
STACK	DESTROYED	30 08 32.13 85 37 16.59	989.3 444.0			V-VIS	11369 11390 11391

FORM C&GS-8352
(3-25-63)

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
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
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			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.

FORM C&GS-8352 SUPERSEDES ALL EDITIONS OF FORM C&GS-975.

USCOMM-DC 8558-PC?