

TP-00345

TP-00345

NOAA FORM 76-35 (3-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
<h2>DESCRIPTIVE REPORT</h2>	
Map No. TP-00345	Edition No. 1st
Job No. CM-7701	
Map Classification Final Field Edited Map	
Type of Survey Shoreline	
LOCALITY	
State FLORIDA	
General Locality Panama City	
Locality Sulphur Point to Davis Point	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 19 77 TO 19 78 </div>	
REGISTRY IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72) <div style="text-align: right; font-size: small;">U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.</div> <div style="text-align: center; margin-top: 10px;">DESCRIPTIVE REPORT - DATA RECORD</div>		<div style="border-bottom: 1px solid black; padding-bottom: 5px;"> TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> SURVEY TF. <u>00345</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final field edited</u> JOB <u>PHCM-7701</u> </div>	
PHOTOGRAMMETRIC OFFICE Rockville, Md.		LAST PRECEDING MAP EDITION <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> JOB PH. _____ MAP CLASS _____ SURVEY DATES: _____ 19__ TO 19__ </div>	
OFFICER-IN-CHARGE Cmdr. James Collins			
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) <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> STATE <u>Florida</u> ZONE <u>North</u> </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> STATE _____ ZONE _____ </div>	
5. SCALE 1:10,000			
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY _____ METHOD: Analytic LANDMARKS AND AIDS BY _____		<u>D. Norman</u>	<u>Sept 1977</u>
2. CONTROL AND BRIDGE POINTS PLOTTED BY _____ METHOD: Coradomat CHECKED BY _____		<u>J. Taylor</u> <u>N/A</u>	<u>Sept 1977</u>
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY _____ COMPILATION CHECKED BY _____ INSTRUMENT: _____ SCALE: _____ CONTOURS BY _____ CHECKED BY _____		<u>N/A</u> <u>N/A</u>	
4. MANUSCRIPT DELINEATION PLANIMETRY BY _____ CHECKED BY _____ METHOD: Graphic CONTOURS BY _____ CHECKED BY _____ SCALE: 1:10,000 HYDRO SUPPORT DATA BY _____ CHECKED BY _____		<u>E. Allen</u> <u>C. Lewis</u> <u>N/A</u> <u>N/A</u>	<u>Feb 1978</u> <u>Mar 1978</u>
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY _____		<u>C. Lewis</u>	<u>Mar 1978</u>
6. APPLICATION OF FIELD EDIT DATA BY _____ CHECKED BY _____		<u>P. Dempsey</u> <u>J. Battley, Jr.</u>	<u>April 1978</u> <u>April 1978</u>
7. COMPILATION SECTION REVIEW BY _____		<u>P. Dempsey</u>	<u>April 1978</u>
8. FINAL REVIEW BY _____		<u>C. Lewis Oct 83/P. Dempsey</u>	<u>Dec 1984</u>
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY _____		<u>P. Dempsey</u>	<u>JAN 1985</u>
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY _____		<u>P. Dempsey</u>	<u>Dec 1984</u>
11. MAP REGISTERED - COASTAL SURVEY SECTION BY _____		<u>R.S. KORNSPAN</u>	<u>FEB 1985</u>

NOAA FORM 76-36B (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY			
TP-00345 (1:10,000)		COMPILATION SOURCES			
1. COMPILATION PHOTOGRAPHY					
CAMERA(S) WILD RC-8, RC-10		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		(C) <u>COLOR</u> (P) PANCHROMATIC (I) <u>INFRARED</u>		ZONE Central MERIDIAN 90th W <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
77ZC 1948 - 1950	20 Jan 77	1920	1:30,000	The stage of tide is inapplicable for the color photography. Refer to NOAA Form 76B(1) for stage of tide information.	
77ZC 1963 - 1965	20 Jan 77	1940	1:30,000		
77ER 8924 - 8927	29 Jan 77	1150	1:40,000		
77ER 8736 - 8739	25 Jan 77	1130	1:40,000		
REMARKS					
2. SOURCE OF MEAN HIGH-WATER LINE:					
The MHWL was delineated by office interpretation of the color photography 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 with the shoreline delineation.					
3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE: or Gulf Coast Low Water Line:					
The source of the Gulf Coast Low Water Line is the tide-coordinated black-and-white infrared photography listed under Item I.					
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-00344	EAST TP-00346	SOUTH TP-00347	WEST TP-00343		
REMARKS					

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

TIDE - COORDINATED PHOTOGRAPHY

TP - 00345

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE	MEAN RANGE
77ER 8924-8927	Panama City - St. Andrew Bay West Bay Creek	- 0.21 GCLW	1.41 1.55
77ER 8736-8739	Panama City - St. Andrew Bay	- 0.08 GCLW	

REMARKS:

HISTORY OF FIELD OPERATIONS TP-00345

1. ☐ 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 <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <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)

77ER8737, 8738, 8924, 8925; 77Z1948, 1950, 1963, 1965

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-00345	
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
3		April 1979	Digitized form 76-40
2. <input type="checkbox"/> REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____ 3. <input type="checkbox"/> REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____			
III. FEDERAL RECORDS CENTER DATA			
1. <input checked="" type="checkbox"/> BRIDGING PHOTOGRAPHS; <input type="checkbox"/> DUPLICATE BRIDGING REPORT; <input type="checkbox"/> COMPUTER READOUTS. 2. <input checked="" type="checkbox"/> CONTROL STATION IDENTIFICATION CARDS; <input checked="" type="checkbox"/> FORM NOS 567 SUBMITTED BY FIELD PARTIES. 3. <input checked="" type="checkbox"/> SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS: 4. <input checked="" type="checkbox"/> 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	

REVISED 2-4-77 RWW.

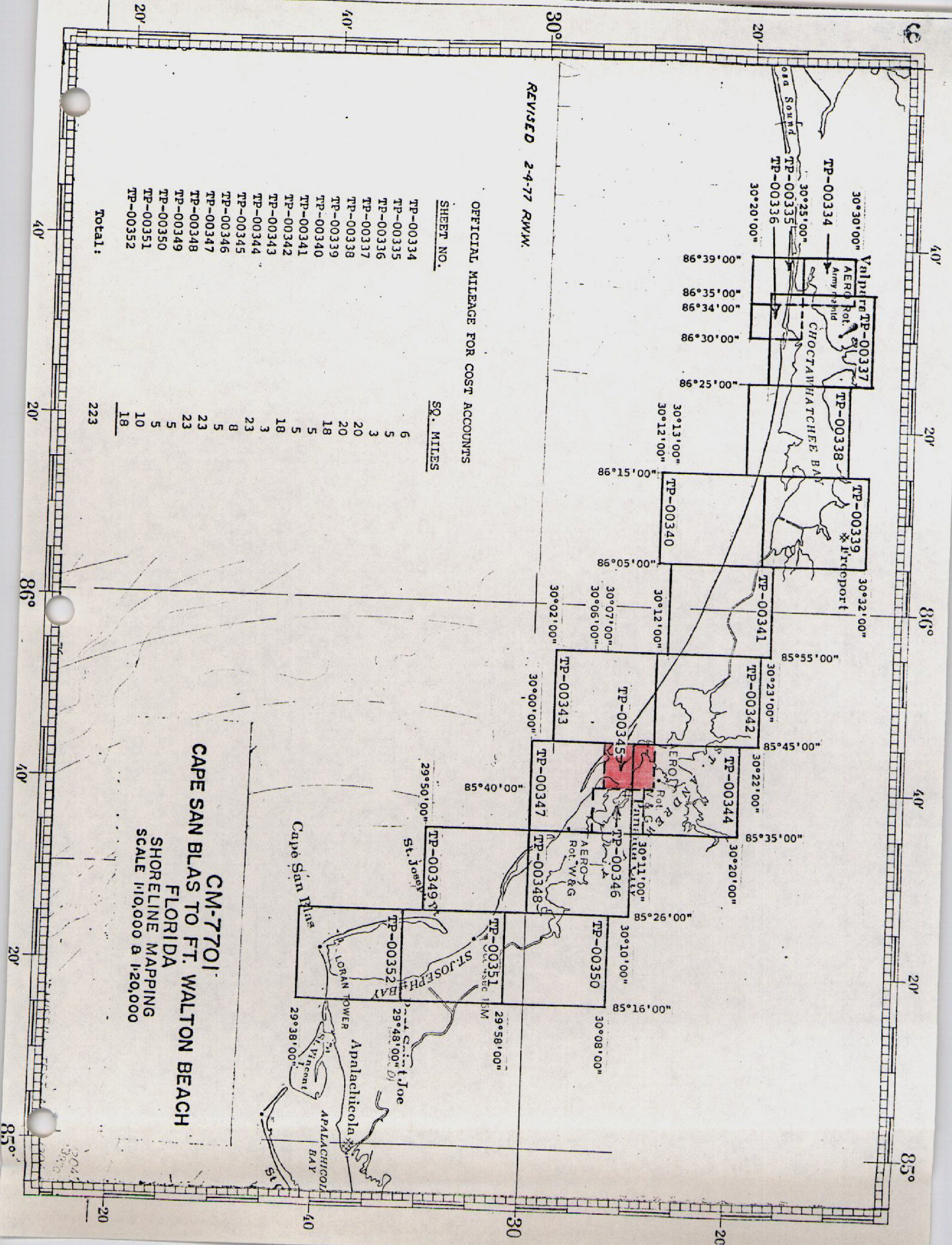
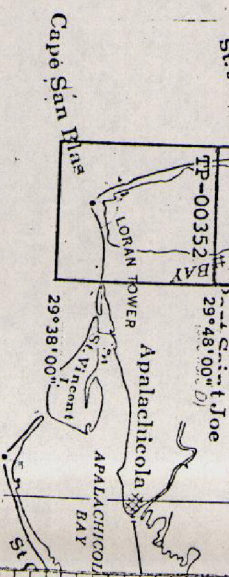
OFFICIAL MILEAGE FOR COST ACCOUNTS

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	18
TP-00342	3
TP-00343	8
TP-00344	23
TP-00345	8
TP-00346	5
TP-00347	23
TP-00348	23
TP-00349	5
TP-00350	10
TP-00351	18
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-00345, 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 April, 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.

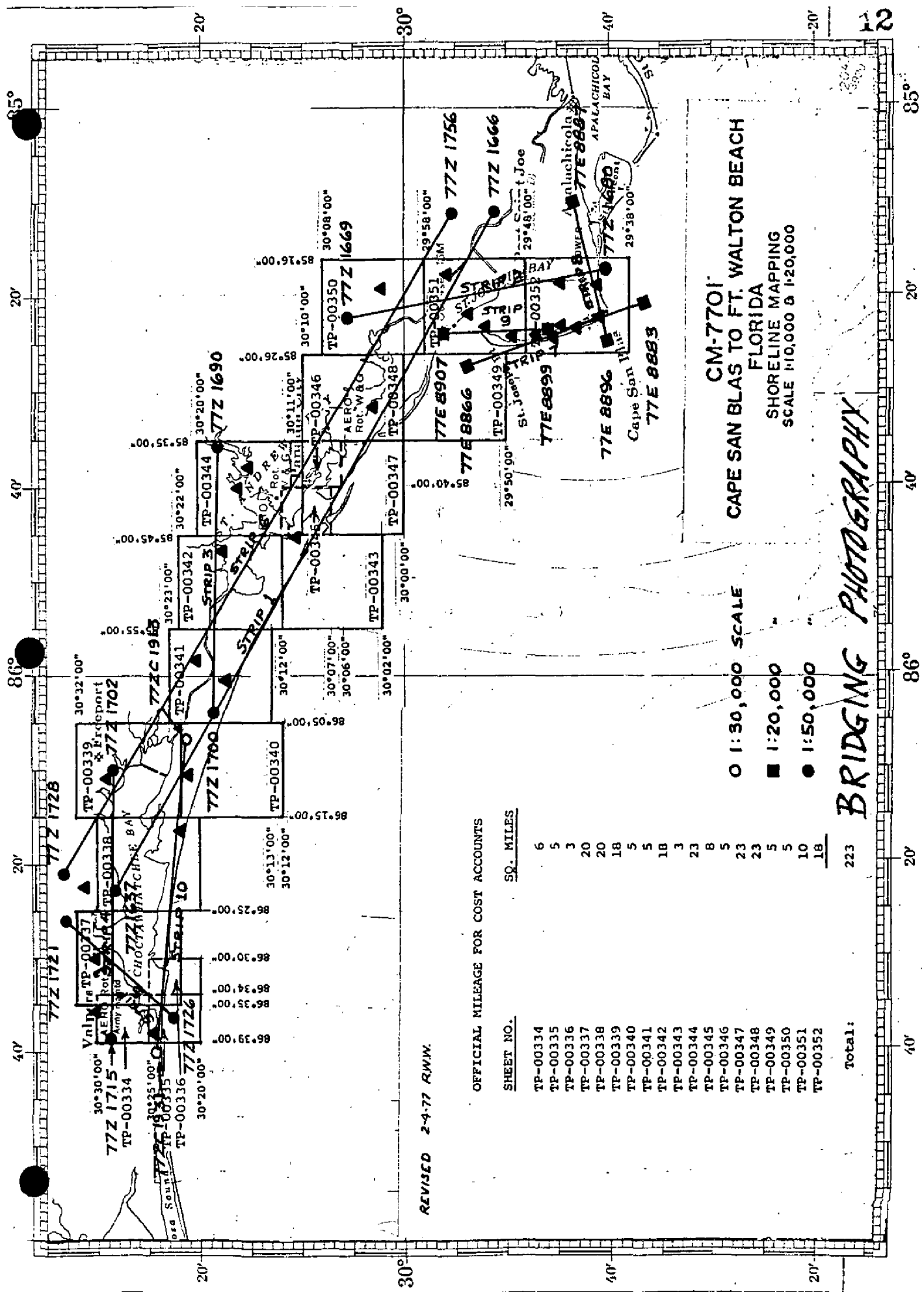
Chief, Aerotriangulation Section

ACCURACY OF CONTROL USED IN STRIP ADJUSTMENT

	<u>ERROR</u>	
<u>Strip 2</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>		
889801	.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 (Block Adjustment)</u>		
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

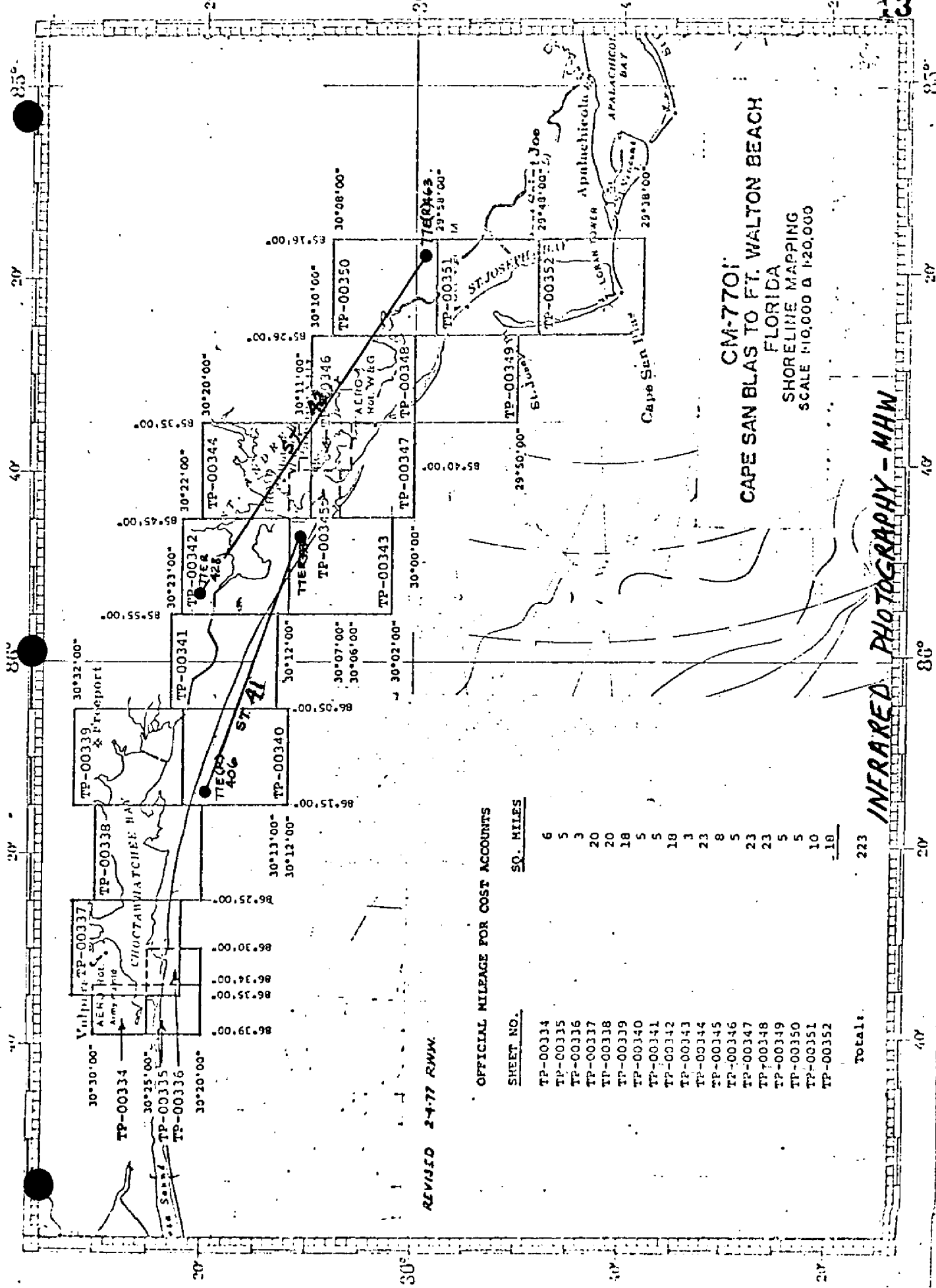
○ 1:30,000 SCALE
■ 1:20,000
● 1:50,000

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



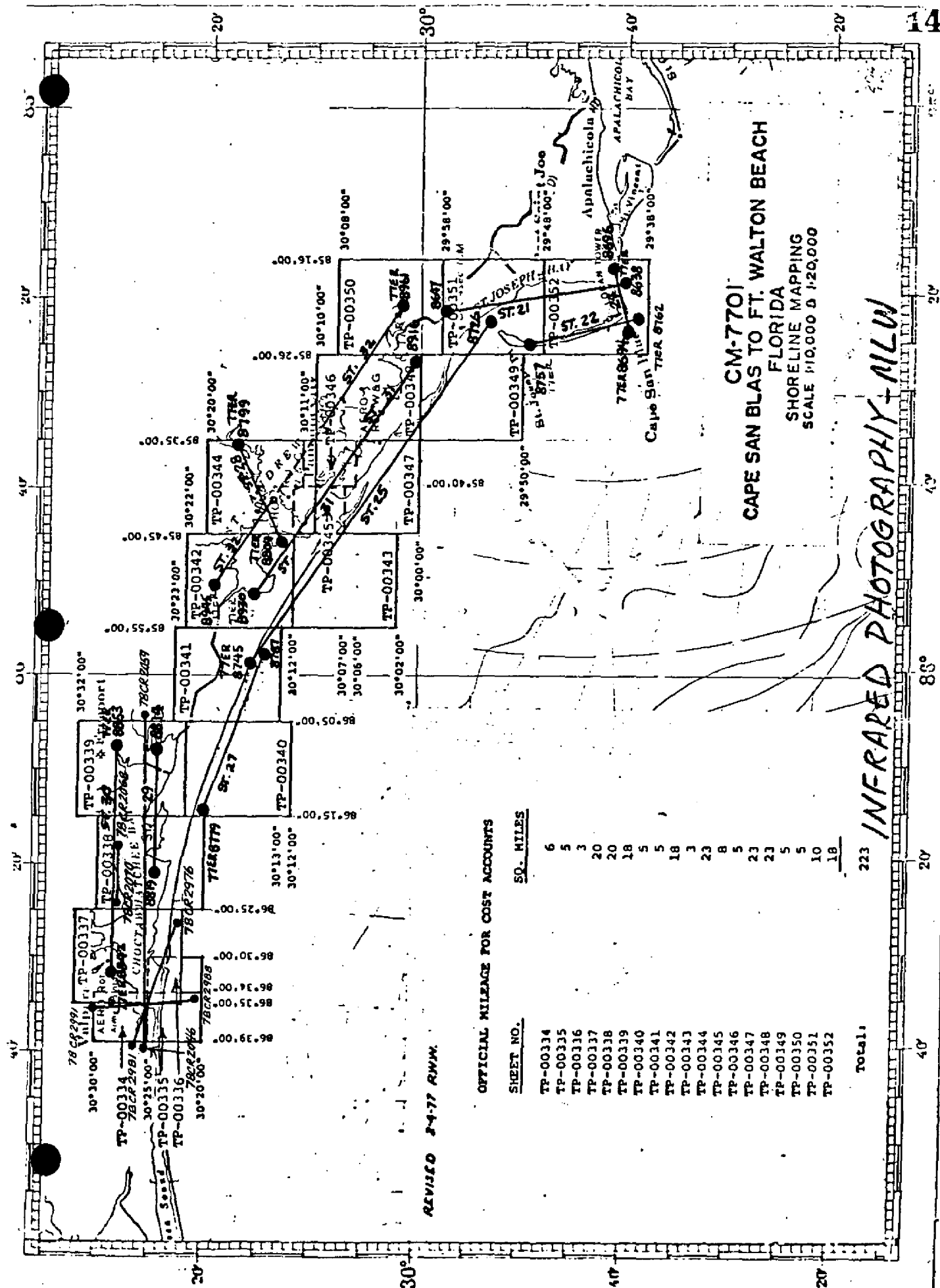
CM-7701
CAPE SAN BLAS TO FT. WALTON BEACH
FLORIDA
SHORELINE MAPPING
SCALE 1:120,000

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	1
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

INFRARED PHOTOGRAPHY - MHW

REVISED 2-4-77 RWW



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY		
TP-00345	CM-7701	N A 1927 STATE Florida ZONE North	Rockville, Md.		
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE ZONE	GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE	REMARKS
Sulpher Point 3, 1935	P C Pg 49	12	X= 1,609,961.49 Y= 433,477.47	ϕ λ	
Oak, 1935	Pg 49	11	X= 1,614,494.75 Y= 435,604.13	ϕ λ	
Drew, 1935	Pg 49	17	X= 1,616,588.16 Y= 429,994.13	ϕ λ	
St Andrew Municipal Tank, 1934	Pg 23	20	X= 1,622,979.49 Y= 426,760.99	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	
Laguna 2, 1910	Pg 50	25	X= 1,617,652.40 Y= 408,124.23	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	
COMPUTED BY		DATE	COMPUTATION CHECKED BY		DATE
LISTED BY E. Allen		DATE Feb 1978	LISTING CHECKED BY C. Lewis		DATE Mar 1978
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY		DATE

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETTIC DATUM		GEOGRAPHIC POSITION		REMARKS
					COORDINATES IN FEET STATE <u>Florida</u> ZONE <u>North</u>	ϕ LATITUDE λ LONGITUDE			
TP-00345	CM-7701	Bluff 2, 1935	P C Pg 49	14	$x = 1,606,271.63$	ϕ			
					$y = 426,577.54$	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		$x =$	ϕ			
					$y =$	λ			
					$x =$	ϕ			
					$y =$	λ			
					$x =$	ϕ			
					$y =$	λ			
					$x =$	ϕ			
					$y =$	λ			
					$x =$	ϕ			
					$y =$	λ			
					$x =$	ϕ			
					$y =$	λ			
LISTED BY E. Allen	DATE Feb 1978	HAND PLOTTING BY	DATE Mar 1978		COMPUTATION CHECKED BY				DATE
					LISTING CHECKED BY C. Lewis				DATE
				HAND PLOTTING CHECKED BY				DATE	

Compilation Report
TP-00345 (1:10,000)
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 control by map points determined by aerotriangulation.

As no MHW infrared photography was available for TP-00345, 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 1:40,000, 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 stereo models 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

Ten nonfloating aids shown on this map were located by photogrammetric methods. These aids will be visually verified by Field Edit.

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 requirements for the Florida Coastal Zone Mapping Program as outlined by the project instructions.

41. thru 45. - Inapplicable

46. Comparison with Existing Maps

Comparison was made with the following 7.5 minute USGS quadrangles; Panama City, Panama City Beach, and Beacon Beach, Fla.

47. Comparison with Nautical Charts

11391 (489) 11th Ed., Jan. 24/76	1:25,000 scale
11389 (1263) 17th Ed., April 23/77	1:80,000 scale
11390 (868-SC) 7th Ed., Aug. 76	1:40,000 scale

Submitted by:



Edward D. Allen
Cartographer

Approved and forwarded:



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

FIELD-EDIT REPORT TP-00345, JOB CM-770151. 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 discrepancy print and photographs.

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:


Robert R. Wagner
Chief, Photo Party 66

REVIEW REPORT
TP-00345
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

September 30, 1977

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00345

Alligator Point

Lake Ware

Baker

Magnolia Beach

Bayview

Panama City

Bear Point

Posten Bayou

Buena Vista Point

Pretty Bayou

Courtney Point

Redfish Point

Davis Point

Saint Andrew

Dyers Point

Saint Andrew Bay

Grand Lagoon

Saint Andrews State Park

Gulf of Mexico

Shell Island

Johnson Bayou

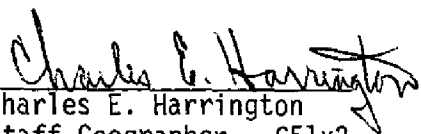
Smack Bayou

Lake Caroline

Sulphur Point

Lake Huntington

Approved by:


Charles E. Harrington
Staff Geographer - C51x2

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 TP00345 * * RPT UNIT CMD ROCKVILLE, MD. * * PAGE 1 OF 3 *
* JOB CM7701 * * STATE FLORIDA *
* PRJ 633205 * * LOCALITY PANAMA CITY *ORIGINATING ACTIVITY *
* DTM NA1927 * * DATE 02/03/78 * COMPILATION *

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

* KEY FOR ENTRIES UNDER METHOD AND DATE OF LOCATION *
* * FIELD (CONT'D) *
* 1.OFFICE IDENTIFIED AND LOCATED OBJECTS. * B.PHOTOGRAMMETRIC FIELD POSITIONS** SHOW
* THE NUMBER AND DATE (INCLUDING MONTH, DAY * THE METHOD OF LOCATION OR VERIFICATION,
* AND YEAR) OF THE PHOTOGRAPH USED TO * DATE OF FIELD WORK AND NUMBER OF PHOTO-
* IDENTIFY AND LOCATE THE OBJECT ARE SHOWN. * GRAPH USED TO LOCATE AND IDENTIFY THE
* EXAMPLE 75E(C)6042 * OBJECT.
* 8-12-77 * EXAMPLE P-8-V
* * 8-12-77 *
* * 74L(C)2982 *

* 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 \$ **PHOTOGRAMMETRIC FIELD POSITIONS ARE
* OBSERVATIONS BASED ENTIRELY UPON GROUND * DEPENDENT ENTIRELY,OR IN PART,UPON CONTROL
* SURVEY METHODS * 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. *
* * * * *

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

SVY IP00345 * RPT UNIT CMD ROCKVILLE, MD. * PAGE 2 OF 3 *
JOB CM7701 * NONFLOATING AIDS FOR CHARTS * STATE FLORIDA *
PRJ 633205 * TO BE CHARTED * LOCALITY PANAMA CITY * ORIGINATING ACTIVITY*
DTM NA1927 * DATE 02/03/78 * * * * * 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 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.

ST. ANDREW BAY ENTRANCE

RGE A * RANGE A FRONT LIGHT * 30 06 44.89 1382.2 * 7721651 * V-VIS * 11389 *
FRT LT * 65 41 34.53 924.1 * 01/19/77 * 03/29/78 * 11390 *
RGE A * RANGE A REAR LIGHT * 30 09 26.82 825.8 * 7721745 * V-VIS * 11391 *
R LT * 85 40 31.73 850.4 * 01/19/77 * 03/29/78 * DITTO *
ST. ANDREW BAY * * * * *

EASTWARD

WESTWARD

WESTWARD

WESTWARD

WEST * 30 09 53.80 1656.6 * 7721950 * V-VIS *
LT 11 * 85 43 14.81 396.3 * 01/20/77 * 03/29/78 * DITTO *
WEST * 30 10 33.76 1039.5 * 7721744 * V-VIS *
LT 14 * 65 44 08.40 224.7 * 01/19/77 * 03/29/78 * DITTO *

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

* SVY TP00345 * RPT UNIT CMD ROCKVILLE, MD. * PAGE 3 OF 3 *
* JOB CM7701 * NONFLOATING AIDS FOR CHARTS * LOCALITY PANAMA CITY * ORIGINATING ACTIVITY *
* PRJ 833205 * TO BE CHARTED * DATE 02/03/78 * COMPILATION *
* DTM NA1927 *

* 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 DGTZO* OFFICE * FIELD * AFFECTED*

* ST. ANDREW BAY * * * *

* -LIGHT * SECTION BASE CHANNEL * 30 10 26.53 818.5 * 7721653 * V-VIS * 11390 *
1 * 85 44 46.67 1248.7 * 01/19/77 * 03/29/78 * 11391 *

* -LIGHT * SECTION BASE CHANNEL * 30 10 28.71 884.0 * 7721653 * V-VIS * *
2 * 85 44 51.69 1388.3 * 01/19/77 * 03/29/78 * 01110 *

* -LIGHT * GRAND LAGOON * 30 08 23.61 727.0 * 7721653 * V-VIS * *
3 * 85 44 05.29 141.6 * 01/19/77 * 03/29/78 * 01110 *

* LIGHT * GULF POWER CO. STRUCTURE LIGHT * 30 11 22.93 706.1 * 7721743 * V-VIS * *
A * 85 44 20.50 548.4 * 01/19/77 * 03/29/78 * 01110 *

* LIGHT * GULF POWER CO. STRUCTURE LIGHT * 30 11 23.68 729.2 * 7721743 * V-VIS * *
B * 85 44 38.73 1036.1 * 01/19/77 * 03/29/78 * 01110 *

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