

TP-00998

TP-00998

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-00998	Edition No. 1
Job No. CM-7816	
Map Classification Final Field Edited	
Type of Survey Shoreline	
LOCALITY	
State Florida	
General Locality Jacksonville	
Locality Dunn Creek to Trout River	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 19 79 TO 1980 </div>	
REGISTRY IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED		SURVEY TP. 00998 MAP EDITION NO. (1) MAP CLASS Final field edited JOB PH-7816	
DESCRIPTIVE REPORT - DATA RECORD				LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED			
PHOTOGRAMMETRIC OFFICE Rockville, Md.				JOB PH-			
OFFICER-IN-CHARGE Cdr. James Collins				MAP CLASS SURVEY DATES: 19__ TO 19__			
I. INSTRUCTIONS DATED							
1. OFFICE General Instructions-Office-NOS-Cooperative Coastal Boundary Mapping Job PH-7000 9 December 1975 Office - 18 August 1977 Amendment I - 3 January 1978 Amendment II - 7 March 1978				2. FIELD Field Instructions - 27 December 1976 Field - 11 August 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 checked="" type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL				OTHER (Specify)			
3. MAP PROJECTION Transverse Mercator				4. GRID(S) STATE Florida ZONE East			
5. SCALE 1:20,000				STATE ZONE			
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION METHOD: Analytic LANDMARKS AND AIDS BY				R. Kelly		May 1979	
				N/A			
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat PLOTTED BY				J. Taylor		Oct 1979	
				N/A			
3. STEREOSCOPIC INSTRUMENT COMPILATION PLANIMETRY BY				R. Rich		Dec 1979	
INSTRUMENT: Wild B-8 CHECKED BY				F. Wright		Dec 1979	
SCALE: 1:20,000 CONTOURS BY				N/A			
4. MANUSCRIPT DELINEATION PLANIMETRY BY				R. Rich		Jan 1980	
METHOD: Graphic CHECKED BY				C. Lewis		Jan 1980	
SCALE: 1:20,000 CONTOURS BY				N/A			
HYDRO SUPPORT DATA BY				N/A			
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				D. Brant		Feb 1980	
6. APPLICATION OF FIELD EDIT DATA BY				C. Lewis		Mar 1980	
				F. Wright		April 1980	
7. COMPILATION SECTION REVIEW BY				F. Wright		April 1980	
8. FINAL REVIEW BY				P. Dempsey		May 1984	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY							
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				P. Dempsey		May 1984	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				E DAUGHERTY		Nov 1984	

NOAA FORM 76-36B (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY			
COMPILATION SOURCES			TP-00998		
1. COMPILATION PHOTOGRAPHY					
CAMERA(S) <div style="text-align: center;">Wild RC-10</div>		TYPES OF PHOTOGRAPHY LEGEND (C) <u>COLOR</u> (P) <u>PANCHROMATIC</u> (I) <u>INFRARED</u>		TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				ZONE <div style="text-align: center;">Eastern</div> <input checked="" type="checkbox"/> STANDARD MERIDIAN <div style="text-align: center;">75th</div> <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
79 CP 8430-8432	7 Mar 79	1040	1:60,000	The stage of tide is inapplicable for this photography	
79 CP 8585-8587	7 Mar 79	1354	1:60,000		
79 ZC 8923-8931	11 Mar 79	1426	1:20,000	Refer to NOAA Form 76-36B(1) for tide data	
79 ZC 8989-8997	11 Mar 79	1507	1:20,000		
79 CR 0351-0352	28 Mar 79	1115	1:60,000 MHW		
79 CR 0329-0331	28 Mar 79	1032	1:60,000 MHW		
79 CR 8759-8761	9 Mar 79	1200	1:60,000 MLW		
REMARKS					
2. SOURCE OF MEAN HIGH-WATER LINE:					
The source of the MHW line is the tide-coordinated infrared photography listed in Item 1 above.					
3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:					
The source of the MLW line is the tide-coordinated infrared photography listed in Item 1 above.					
4. CONTEMPORARY HYDROGRAPHIC SURVEYS <i>(List only those surveys that are sources for photogrammetric survey information.)</i>					
SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED
5. FINAL JUNCTIONS					
NORTH No Contemporary Survey	EAST TP-00999	SOUTH TP-01000	WEST No Contemporary Survey		
REMARKS Final junctions were made in the Coastal Mapping Section					

HISTORY OF FIELD OPERATIONS

TP-00998

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. S. Tibbetts	8/13/79
2. HORIZONTAL CONTROL	RECOVERED BY Photo Party 62	Jan 1979
	ESTABLISHED BY N/A	
	PRE-MARKED OR IDENTIFIED BY Photo Party 62	Jan 1979
3. VERTICAL CONTROL	RECOVERED BY N/A	
	ESTABLISHED BY N/A	
	PRE-MARKED OR IDENTIFIED BY N/A	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY N/A	
	LOCATED (Field Methods) BY N/A	
	IDENTIFIED BY N/A	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY J. E. Dunford	8/13/79
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	

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)

79 CP 8429, 8430, 8431, 8489, 8490, 8514 and 8586.

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

N/A

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

Tide records previously submitted

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. S. Tibbetts	2/ 11/ 80
2. HORIZONTAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY		
3. VERTICAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY		
4. LANDMARKS AND AIDS TO NAVIGATION RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	J. E. Dunford	
5. GEOGRAPHIC NAMES INVESTIGATION TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION		
6. PHOTO INSPECTION CLARIFICATION OF DETAILS BY	J. E. Dunford	
7. BOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED BY		

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) 79CP 8430

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

7 Tanks, 6 Stacks, 4 Lights

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-00998

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Class III	Jan 1980			
Final	April 1980			

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		Aug 22, 1980	Digitized forms (76-40) Submitted

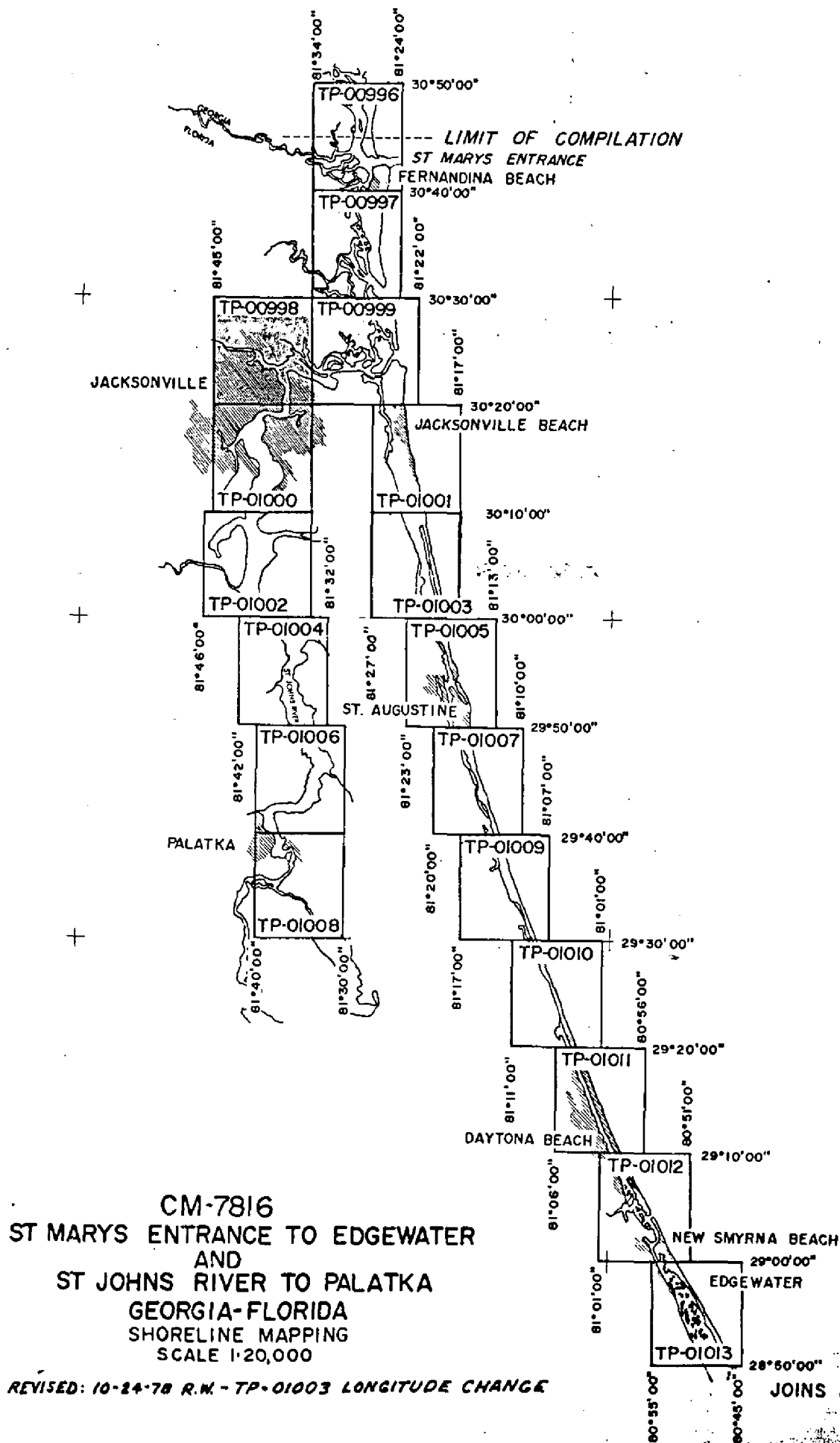
2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
 3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
 ACCOUNT FOR EXCEPTIONS:
 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	



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT
TP-00998

Coastal Zone Map TP-00998 is one of eighteen 1:20,000 scale shoreline maps in project CM-7816. These 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-7816 shows the location of the individual maps from St. Marys Entrance to Edgewater and from St. Johns River to Palatka. A copy of the layout is included in this Descriptive Report. Field operations consisted of a field inspection, premarking horizontal control and photographing the area, establishing tidal datums and performing the field edit.

Color compilation photography was taken with the Wild RC-10-Z camera at 1:20,000 scale in March, 1979 and used in clarifying detail and compiling landmarks and aids to navigation. The shoreline was compiled using 1:60,000 scale, black and white, infrared MHW and MLW photography taken with the Wild RC-10-C camera in March, 1979.

The Aerotriangulation Unit in Rockville, Maryland bridged five strips of 1:60,000 scale black and white photography using analytic aerotriangulation methods.

Compilation was completed in the Coastal Mapping Unit, Rockville, Maryland using instrument (Wild B-8) and graphic methods.

Field edit was completed in February, 1980. Recovery and location of landmarks, fixed aids to navigation, piling, etc. were omitted from the field edit procedures as per memo, dated January 30, 1978, from Chief, Coastal Mapping Branch. These items were compiled, to the extent possible, by office photogrammetric methods. The edit was required to only visually verify their existence at the time of edit. Their locations were not field checked. Field edit requirements in the foreshore and adjacent areas remain unchanged.

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 May, 1984. This map meets the requirements for National Standards of Map accuracy.

The context of this Descriptive Report contains all pertinent reports and listings of data used to compile the final map.

FIELD INSPECTION REPORT

SHEETS TP - 00998 and TP - 00999

2. AERIAL FIELD INSPECTION

This report is submitted for sheets TP - 00998 and TP - 00999.

This area covers the St. Johns River and part of the Intercoastal Waterway from Jacksonville to Mayport, Florida. Photographs 79CP 8429, 79CP 8430, 79CP 8431, 79CP 8513, 79CP 8514, and 79CP 8586 were used for sheet TP 00998. The major part of the land along the river in this area is heavily industrialized. Photographs 79CP 8487, 79CP 8489, 79CP 8490, 79CP 8514 were used for sheet TP- 00999. The major part of the land along the river in this area is heavily populated.

The photographs for these sheets consist of 1979 single lens ratio prints 1:20,000 scale. The photographs range from good to fair quality.

3. HORIZONTAL CONTROL

Not applicable. Job was pre-marked prior to photography.

4. VERTICAL CONTROL

Not applicable.

5. CONTOURS AND DRAINS

Contours not applicable. There are a number of perennial and intermittent streams within the area, which have been indicated on photographs.

6. WOODLAND COVER

Tree overhang was classified where it covers the shoreline.

7. SHORELINE AND ALONG SHORELINE FEATURES.

The shoreline inspection was accomplished from a skiff run close to shore. The areas consist of apparent, fast, bulkhead and riprap shoreline, all of which have been noted on photographs. Overhead cables, submerged cables and pipe lines have been noted on the photographs. Shoreline structures were also noted on the photographs.

8. OFFSHORE FEATURES

All offshore features have been noted on the photographs.

9. LANDMARKS AND AIDS

Not applicable.

10. BOUNDARIES, MONUMENT AND LINES

Not applicable.

11. OTHER CONTROL.

Not applicable.

12. OTHER INTERIOR FEATURES

Major highways were noted on the photographs.

13. GEOGRAPHIC NAMES

Not applicable.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

None.

Respectfully submitted,
8/13/79

James E. Dunford

Photogrammetric Plot Report

CM-7816

St. Marys Entrance to Edgewater and

St. Johns River to Palatka

Georgia - Florida

November 1, 1979

21. Area Covered

This report covers 18 1:20,000 sheets, TP-00996 thru TP-01013 of St. Marys Entrance to Edgewater and St. Johns River to Palatka, Georgia and Florida. Bridging and adjustment of strip 1 were completed and turned over to compilation June 29, 1979. Strips 2 and 3 were completed and turned over to compilation July 6, 1979.

22. Method

In trying to adjust strip 3 to strip 2 the common control and tie points indicated that there may be a problem in the photography. To obtain the best adjustment of strip 2 film distortion correction was not used. Strip 3 was also adjusted not using film distortion correction. A diviation of control and tie points of strip 3 from strip 2 was made not using film distortion correction. From this analysis it was determined that there is a good fit between the two strips.

<u>Pt. No.</u>	<u>Film Distortion Correction</u>		<u>No Film Distortion Correction</u>	
	<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>
498101	0.0	0.0	0.0	0.0
498801	-5.4	3.1	-0.9	5.8
498802	-0.1	0.5	-1.4	0.0
495801	5.1	5.1	-2.1	3.9
495802	7.1	8.3	0.9	5.5
508132	-8.8	0.4	-11.4	2.5
508199	-0.8	-5.6	3.4	-3.4
494100	0.0	0.0	0.0	0.0
491801	-8.3	5.9	-2.0	-2.6
491802	-7.4	1.4	1.2	-2.9
487801	-8.6	21.9	-3.8	2.7
518100	0.0	0.0	0.0	0.0

Strip 4 was adjusted horizontally on a third degree curve using film distortion correction and was evaluated as a good adjustment.

Strip 5 was adjusted with and without the use of film distortion correction, but would not fit strip 4. To accomplish a sufficient tie of strip 5 to strip 4, a 25 photo block adjustment had to be used.

Visible landmarks and fixed aids to navigation were located during bridging of the 1:60,000 scale photography. Ratio values were determined of the 1:60,000 scale MLW and MLH infrared photography and was provided along with other data to compilation.

23. Adequacy of Control

All control was adequate and held within the accuracy required by National Standards of Maps for 1:20,000 scale manuscripts.

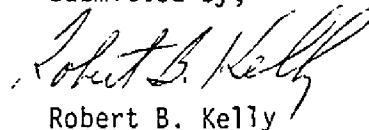
24. Supplemental Data

Local shoreline and U.S. Geological Survey quadrangles were used to provide elevations for vertical adjustments of bridges.

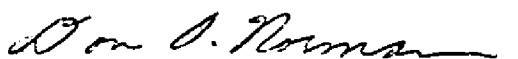
25. Photography

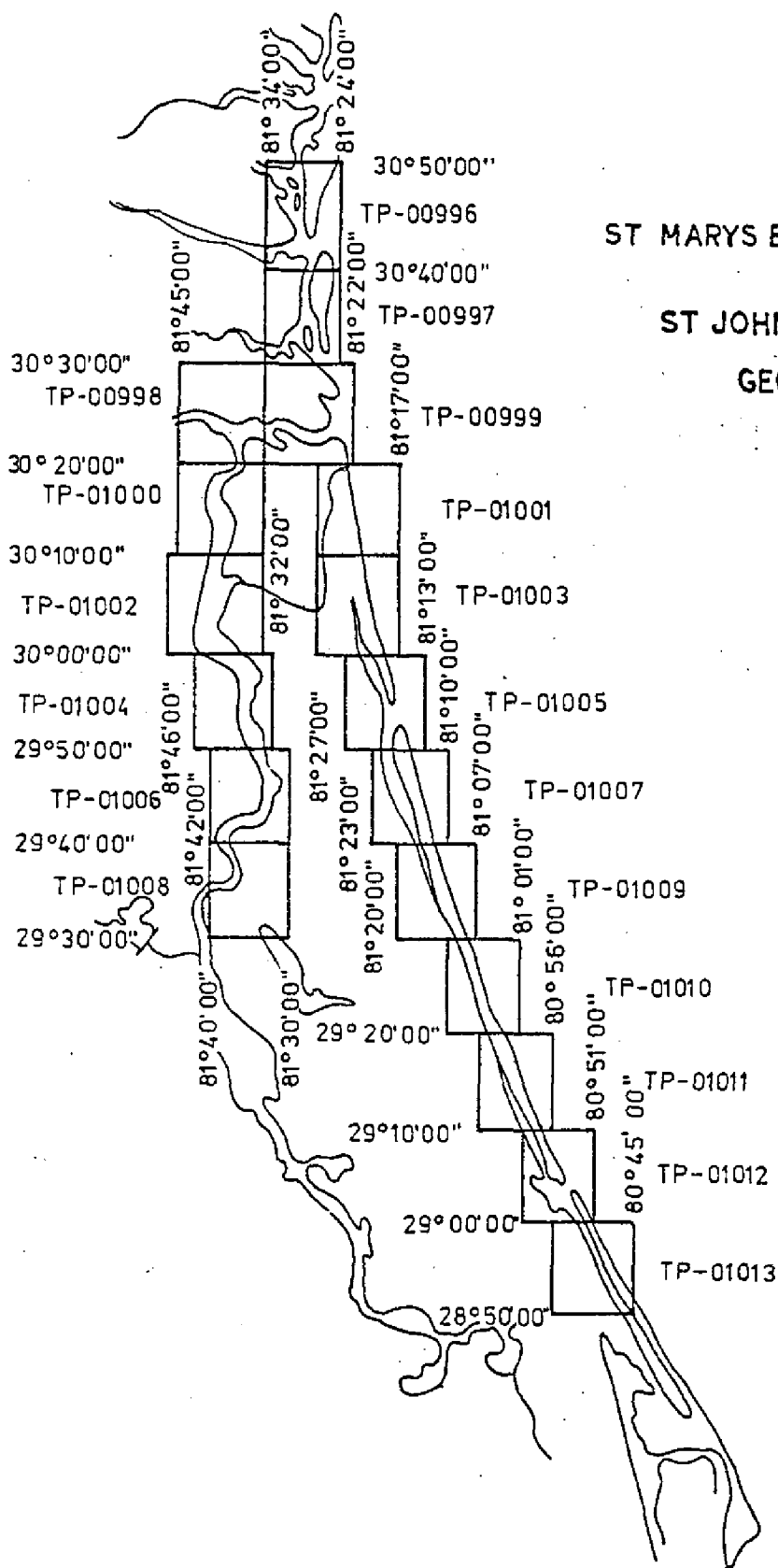
RC-10 black and white positives were adequate as to coverage and overlay. Definition was poor as in some areas double images of piers could be seen.

Submitted by,


Robert B. Kelly

Approved and Forwarded:

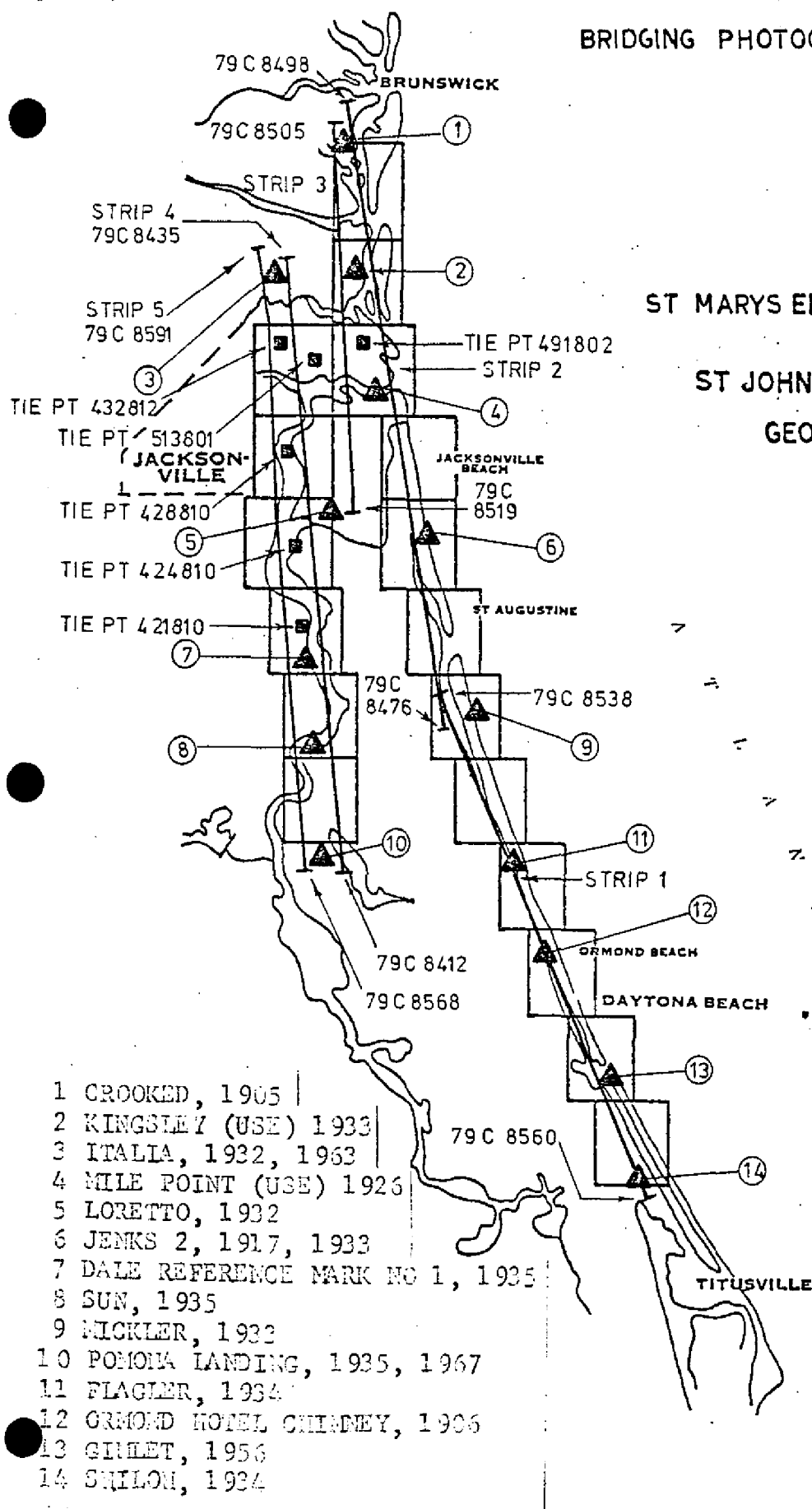

Don O. Norman
Chief, Aerotriangulation Section



BRIDGING PHOTOGRAPHY

CM-7816

ST MARYS ENTRANCE TO EDGEWATER
AND
ST JOHNS RIVER TO PALATKA
GEORGIA - FLORIDA



CLOSURES TO CONTROL

Strip 1

560101	SHILOH, 1934	0.6, -0.2
554101	GIMLET, 1956	-2.3, 0.7
549101	ORMOND HOTEL CHIMNEY, 1906	2.9, -1.6
545101	FLAGLER, 1934	-1.3, 1.4
539101	MICKLER, 1933	0.0, -0.3

Strip 2

539101	MICKLER, 1933	-0.0, 0.3
483100	JENKS 2, 1917, 1933	0.7, -1.6
489101	MILE POINT (USE) 1926	-1.3, 3.0
494100	KINGSLEY (USE) 1933	0.9, -2.5
498101	CROOKED, 1905	-0.3, 0.9

Strip 3

498101	CROOKED, 1905	-0.0, 0.0
494100	KINGSLEY (USE) 1933	-0.0, 0.0
491802	TIE FROM STRIP 2	-1.1, -2.9
518101	LORETTO, 1932 SUB. PT.	0.0, -0.0

Strip 4

590101	ITALIA RM 2, 1932	-1.0, 0.4
513801	TIE FROM STRIP 3	1.1, -4.1
518101	LORETTO, 1932 SUB. PT.	2.3, 3.7
576101	DALE RM 1, 1935	-2.5, -0.8
573101	SUN, 1935 SUB. PT.	-0.9, -0.6
413101	POMONA LANDING, 1935, 1967 SUB. PT.	1.2, 0.6

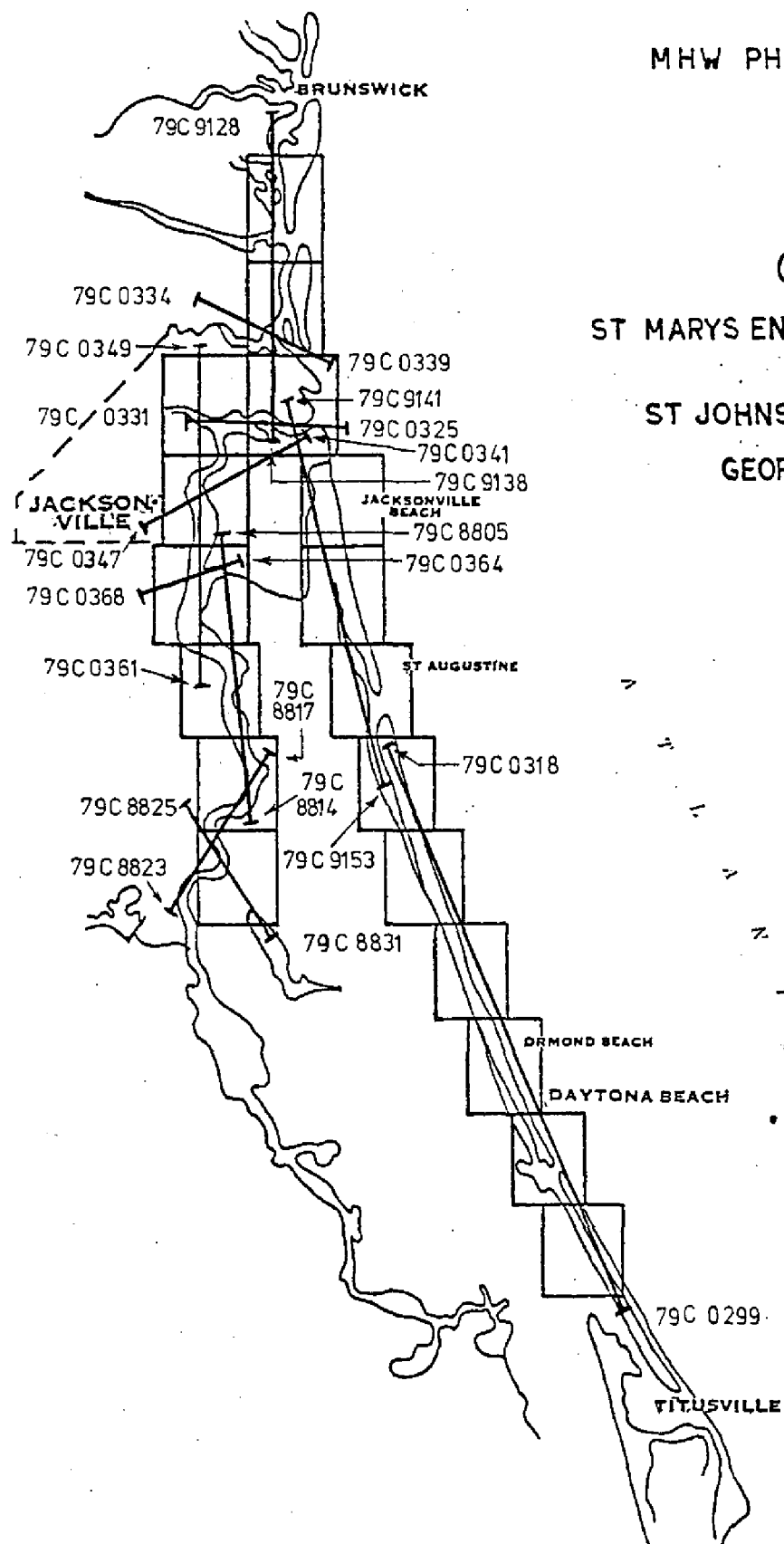
Strip 5

413101	POMONA LANDING, 1935, 1967 SUB. PT.	0.0, 0.0
573101	SUN, 1935 SUB. PT.	0.0, 0.0
576101	DALE RM 1, 1935	0.0, 0.0
421810	TIE FROM STRIP 4	13.7, 6.9
424810	TIE FROM STRIP 4	0.0, 0.0
428810	TIE FROM STRIP 4	0.0, 0.0
432810	TIE FROM STRIP 4	0.0, 0.0
590101	ITALIA RM 2, 1932	0.0, 0.0

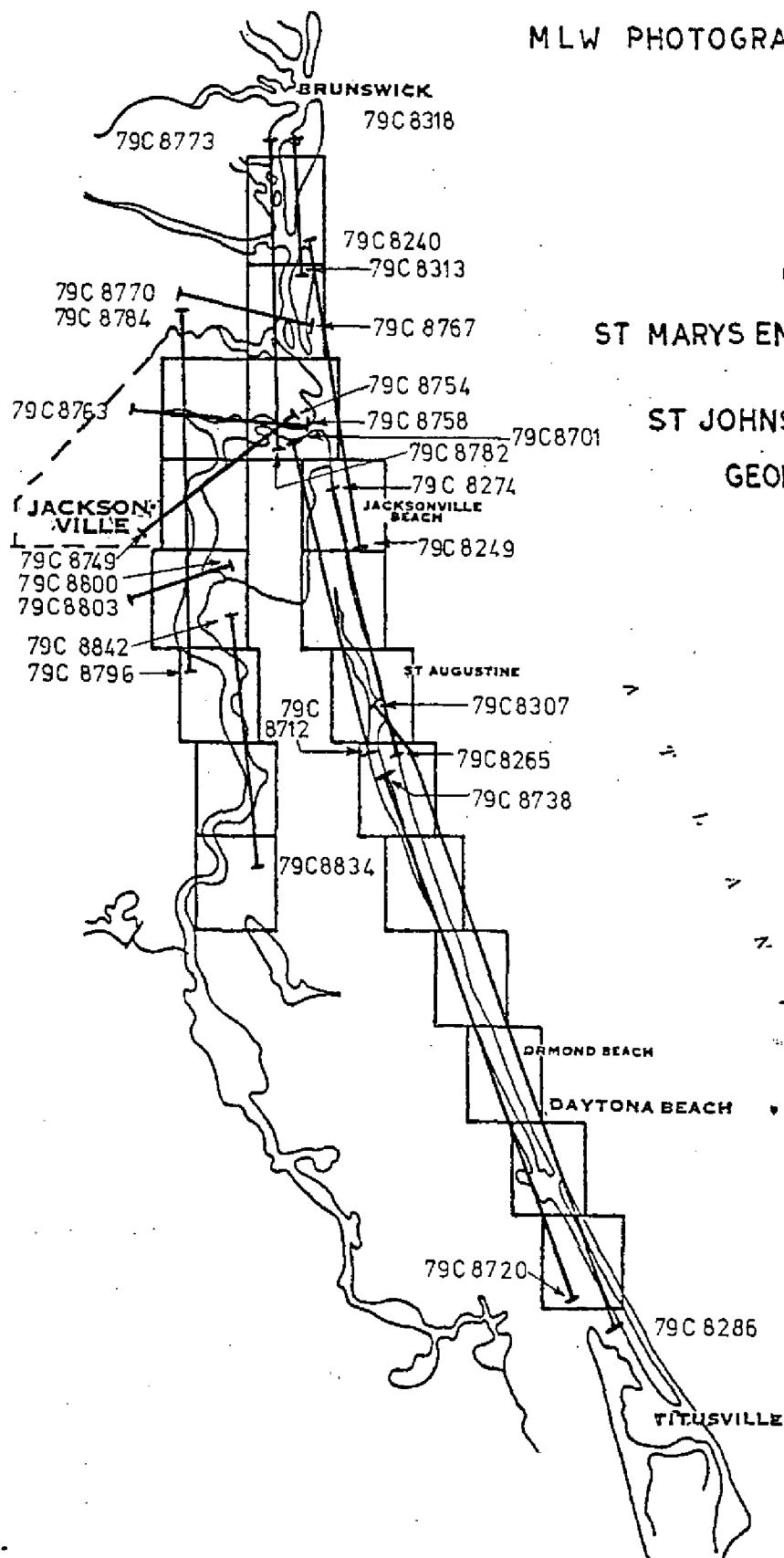
MHW PHOTOGRAPHY

CM-7816

ST MARYS ENTRANCE TO EDGEWATER
AND
ST JOHNS RIVER TO PALATKA
GEORGIA - FLORIDA



MLW PHOTOGRAPHY



CM-7816

ST MARYS ENTRANCE TO EDGEWATER
AND
ST JOHNS RIVER TO PALATKA
GEORGIA - FLORIDA

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	GEODETTIC DATUM		AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		REMARKS
			STATE	ZONE		STATE	ZONE	ϕ LATITUDE	λ LONGITUDE	
TP-00998		CM-7816	N A 1927							
	American Agricultural Chem. Co. Water Tank, 1926	G P Pg 92 P C Pg 40	Florida	East	141	X= 302,552.21 Y= 2,193,104.94		ϕ 30° 21' 53.771" λ 81° 37' 33.815"		
						X=		ϕ		
						Y=		λ		
						X=		ϕ		
						Y=		λ		
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Compilation Report

TP-00998

January 1980

31. Delineation

Alongshore cultural features and interior planimetry on this map were delineated by graphic compilation using rectified black and white prints of the 1:60,000 panchromatic photography. This photography was controlled by map points determined by the aerotriangulation.

The interior planimetry on the east side of the St. Johns River from Arlington to Reddie Pt. and on to Newcastle was compiled from a model set on the B-8 stereoplotter.

The MHW & MLW line was compiled from the tide-coordinated, black and white infrared photography. Field inspected panchromatic photography was used in the compilation of this map.

32. Horizontal Control

Horizontal control was adequate (See Photogrammetric Plot Report).

33. Supplemental Data

Five tide stations were plotted from sketches furnished by the Tides and Water Levels Section.

34. Contours and Drainage

Contours are not applicable. Drainage was compiled from office interpretation of 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 delineating the shoreline and alongshore detail.

36. Offshore Delineation

No offshore detail was delineated on this map.

37. Landmarks and Aids

There was 14 landmarks located during bridging and compilation of this map. One of the landmarks is a triangulation station (tank). Six of the landmarks were plotted from the B-8 stereoplotter compilation. Seven Aids to Navigation were plotted during bridging and compilation of this map.

38. Control for Future Surveys - None
39. Junctions - Refer NOAA Form 76-40 B.
40. Horizontal and Vertical Accuracy

This map complies with the accuracy requirements for the Florida Coastal Zone Mapping Program as outlined by Project Instructions PH-7000.

41 thru 45. Inapplicable

46. Comparison with Existing Maps

Comparison was made with the following USGS quadrangle maps:

Eastport, Fla., 1964, Photo-revised 1970, Scale 1:24,000				
Trout River, Fla., 1964, Photo-revised 1970, Scale 1:24,000				
Arlington, Fla., 1963,	"	"	"	"
Jacksonville, Fla. 1964,	"	"	"	"

47. Comparison with Nautical Charts

Comparison was made with the following Nautical Chart:

11491 16th Ed., Apr. 21, 1979

Items to be applied to Nautical charts immediately - None
Items to be carried forward - None

Submitted by,



R. D. Rich
Cartographer

Approved and Forwarded:



F. Wright
Chief, Coastal Mapping Section

FIELD EDIT REPORT
TP-00998 CM 7816

METHODS:

The field edit was made according to the Coastal Mapping Instructions dated January 30, 1978. The Manuscript was inspected and all questions answered. The shoreline was classified during field inspection. One discrepancy print and one Photograph Number 79CP 8430 was used.

ACCURACY OF COMPILATION

Adequate after application of field edit information

GEOGRAPHIC NAMES

N/A

MANUSCRIPT ACCURACY

N/A

RECOMMENDATIONS

None

NAVIGATION

None

TRANSMITTAL OF DATA

All data sent to Coastal Mapping Section Norfolk, VA.

James E. Dunford
James E. Dunford
Photo Party 62

REVIEW REPORT

TP-00998

May 1984

61. General Statement

Refer to the Summary bound with this Descriptive Report.

62. Comparison With Registered Topographic Surveys - None63. Comparison With Maps of Other Agencies

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

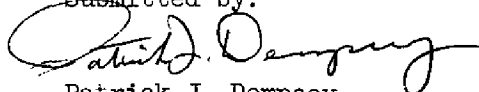
64. Comparison With Contemporary Hydrographic Surveys - None65. Comparison With Nautical Charts

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

66. Adequacy of Results and Future Surveys

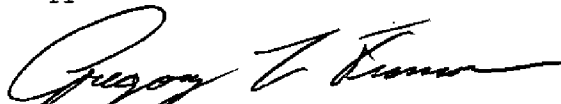
This map complies with the Project Instructions and meets the requirements for National Standards of Map Accuracy.

Submitted by:



Patrick J. Dempsey
Cartographer

Approved and Forwarded:


Chief, Photogrammetric Section
Chief, Photogrammetry Branch

May 24, 1979

GEOGRAPHIC NAMES

FINAL NAME SHEET

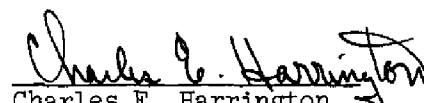
CM-7816 (St. Marys Entrance to Edgewater and
St. Johns River to Palatka, Ga.-Fla.)

TP-00998

Arlington
Beverly Hills
Blockhouse Creek
Broward Point
Caney Branch
Cedar Creek
Crab Island
Dames Point Manor
Deer Creek
Dinsmore
Dunn Creek
Drummond Creek
Drummond Point
Eastport
Eggleston Heights
Fip Island
Floral Bluff
Harborview
Half Creek
Highlands
Holly Ford
Jacksonville
Lake Forest
Lake Forest Hills
Little Cedar Creek
Long Branch
Broward River

Moncrief
Newcastle
Newcastle Creek
Newcastle Island
Ninemile Creek
North Shore
Northwood
Panama Park (Ppl)
Pauline Island
Polly Town
Quarantine Island
Reddie Point
Ribault Manor
Ribault River
Riverview
Rudolph Island
Rushing Branch
Sandfly Point
San Mateo
Sherwood Forest
Seaboard Coast line (RR)
St. Johns River
Terrapin Creek
Trout River
Turner Pond
West Branch
William Island

Approved by:


Charles E. Harrington
Chief Geographer

DISSEMINATION OF PROJECT MATERIAL

CM-7816

National Archives/Federal Records Center

Red Jacket:

Field Notebooks - NOAA Forms 77-53
NOAA Form 76-77
NOAA Form 76-52

Bridging Photographs
Tidal Bench Mark Descriptions
Sketches and Computations
Field Edit Discrepancy Print
Field Photographs
CSI Cards

Bureau Archives

Registered Copy of Each Map
Descriptive Report of Each Map

Reproduction Division

8x Reduction Negative of Each Map

Office of Staff Geographer

Geographic Names Standard

SVY	TP00998	*	* RPT UNIT	CMD, ROCKVILLE, MD.	*	PAGE 1 OF 5	*
JOB	C#7816	*	* STATE	FLORIDA	*		*
PRJ	833205	*	* LOCALITY	JACKSONVILLE	*	*ORIGINATING ACTIVITY	*
DTM	NA1927	*	* DATE	02/15/80	*	* COMPILATION	*

OBJECTS INSPECTED FROM SEAWARD	*	JAMES E. DUNFORD	*	PHOTO FIELD PARTY	*
POSITIONS DETERMINED	*	JAMES E. DUNFORD	*	FIELD REPRESENTATIVE	*
AND/OR VERIFIED BY	*	CHARLES F. LEWIS	*	OFFICE COMPILER	*
FIELD AND OFFICE	*	JAMES H. TAYLOR	*	DIGITIZER	*
ACTIVITIES	*	JAMES H. TAYLOR	*	DATA PROCESSER	*

OFFICE

KEY FOR ENTRIES UNDER METHOD AND DATE OF LOCATION

* FIELD (CONT, D)

* *

* *

```

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	*	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	*		*

3-INTERSECTION	7-PLANETABLE	3.POSITION VERIFIED VISUALLY ON PHOTOGRAPH	*	*	*
4-RESECTION	8-SEXTANT	SHOWN BY V-VIS AND DATE.	*	*	*
		EXAMPLE V-VIS	*	*	*
A.FIELD POSITIONS*	SHOW THE METHOD OF	8-12-75	*	*	*

EXAMPLE	F-2-6-L	*	*	*
	8-12-7A	*	*	*

*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. **

* SVY

1P00998

*

RPT UNIT

CMD, ROCKVILLE, MD.

*

PAGE

3 OF

5

* JOB

CM7816

*

STATE

FLORIDA

*

* PRJ

833205

*

LOCALITY

JACKSONVILLE

*

ORIGINATING

ACTIVITY

* OTM

NA1927

*

DATE

02/15/80

*

COMPILATION

* THE FOLLOWING OBJECTS

HAVE 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*

TANK	*	30	21	21.27	655.0	NOT	*	79CP8430	*	V-VIS	*	11491
	*	81	37	36.90	985.5	DGTZD*	03/07/79	*	02/05/80	*		
TANK	*	30	21	17.19	529.3	NOT	*	79CP8430	*	V-VIS	*	11491
	*	81	36	17.37	463.9	DGTZD*	03/07/79	*	02/05/80	*		
TANK	*	30	21	35.04	1079.0	NOT	*	79CP8430	*	V-VIS	*	11491
	*	81	36	01.34	35.8	DGTZD*	03/07/79	*	02/06/80	*		
STACK	*	30	21	49.48	1523.6		*	79CP8430	*	V-VIS	*	11491
	*	81	37	24.68	659.1		*	03/07/79	*	02/05/80	*	
STACK	*	30	21	49.76	1532.3		*	79CP8430	*	V-VIS	*	11491
	*	81	37	24.74	660.7		*	03/07/79	*	02/05/80	*	
STACK	*	30	21	51.05	1572.0		*	79CP8430	*	V-VIS	*	11491
	*	81	37	25.11	670.5		*	03/07/79	*	02/05/80	*	
STACK	*	30	21	51.58	1588.3		*	79CP8430	*	V-VIS	*	11491
	*	81	37	25.37	677.5		*	03/07/79	*	02/05/80	*	
STACK	*	30	21	56.21	1730.9		*	79CP8430	*	V-VIS	*	11491
	*	81	37	30.45	813.1		*	03/07/79	*	02/05/80	*	
STACK	*	30	22	00.48	14.8		*	79CP8430	*	V-VIS	*	11491
	*	81	37	34.62	924.5		*	03/07/79	*	02/05/80	*	
TANK	*	30	21	53.77	1655.7	NOT	*	TRIANG	*	TRIANG REC*	*	11491
	*	81	37	33.81	902.9	DGTZD*			*	02/05/80	*	

