

TP-01002

TP-01002

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. TP-01002	Edition No. 1
Job No. CM-7816	
Map Classification Final Field Edited	
Type of Survey Shoreline	
LOCALITY	
State Florida	
General Locality St. Johns River	
Locality Mandarin to Green Cove Springs	
1979 TO 1980	
REGISTRY IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Rockville, Md.		SURVEY TP. <u>01002</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final field edited</u> JOB <u>PH-CM-7816</u>	
OFFICER-IN-CHARGE Cmdr. James Collins		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB PH- MAP CLASS SURVEY DATES: 19__ TO 19__	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
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		Field Instructions - 27 December 1976 Field - 11 August 1977 Amendment - Field Edit Procedures 30 January 1980	
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 <u>Florida</u> ZONE <u>East</u>	
5. SCALE 1:20,000		STATE ZONE	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	
DATE			
1. AEROTRIANGULATION METHOD: <u>Analytic</u>		BY <u>R. Kelly</u> LANDMARKS AND AIDS BY <u>N/A</u>	
2. CONTROL AND BRIDGE POINTS METHOD: <u>Coradomat</u>		PLOTTED BY <u>J. Taylor</u> CHECKED BY <u>N/A</u>	
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: <u>Wild B-8</u> SCALE: <u>1:20,000</u>		PLANIMETRY BY <u>R. Travis</u> CHECKED BY <u>C. Lewis</u> CONTOURS BY <u>N/A</u>	
4. MANUSCRIPT DELINEATION METHOD: <u>Graphic</u> SCALE: <u>1:20,000</u>		PLANIMETRY BY <u>R. Travis</u> CHECKED BY <u>C. Lewis</u> CONTOURS BY <u>N/A</u> HYDRO SUPPORT DATA BY <u>N/A</u>	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT		BY <u>D. Brant</u>	
6. APPLICATION OF FIELD EDIT DATA		BY <u>F. Wright</u> CHECKED BY <u>C. Lewis</u>	
7. COMPILATION SECTION REVIEW		BY <u>F. Wright</u>	
8. FINAL REVIEW		BY <u>P. Dempsey</u>	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH		BY	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH		BY <u>P. Dempsey</u>	
11. MAP REGISTERED - COASTAL SURVEY SECTION		BY <u>E. DAUGHERTY</u>	

COMPILATION SOURCES

TP-01002

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-10		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) <u>COLOR</u> (P) <u>PANCHROMATIC</u> (I) <u>INFRARED</u>		ZONE Eastern	
<input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
				MERIDIAN 75th	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
79 CP 8423-8425	7 Mar 79	1030	1:60,000	The stage of tide is inapplicable for this photography	
79 CP 8529	7 Mar 79	1233	1:60,000		
79 CR 8578-8582	7 Mar 79	1349	1:60,000		
79 ZC 9255-9264	15 Mar 79	1238	1:20,000		
79 ZC 8950-8955	11 Mar 79	1442	1:20,000	Refer to NOAA Form 76-36B(1) for Tide Data	
79 CR 8357-3059	28 Mar 79	1119	1:60,000		
79 CR 0367-0368	28 Mar 79	1136	1:60,000		
79 CR 8805-8808	9 Mar 79	1334	1:60,000		

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The Mean High Water Line was determined by office interpretation of the Mean High Water tide-coordinated infrared photography listed in Item 1. above.

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

The Mean Low Water Line was not shown because the MLW and MHW lines coincided at map scale.

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-01000	None	TP-01004	None

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 -01002

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE	MEAN RANGE
79 CR 0357-0359	Jacksonville NAS (MHW)	-0.33	
79 CR 0367-0368	Jacksonville NAS (MHW)	-0.33	
79 CR 8805-8808	East Tocoí (MHW)	-0.43	

REMARKS:

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	Robert S. Tibbetts	May-June 1979
2. HORIZONTAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	Photo Party 62 Jan. 1979
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	
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	James E. Dunford
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	May-June 1979

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-8420, 8422, 8424, 8578, 8580, 8581

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

None

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	3/11/80
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	J.E. Dunford
	IDENTIFIED BY	3/11/80
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 8579 and 8581

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)

RECORD OF SURVEY USE

TP-01002

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Class III	Feb 1980			
Final	June 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
3		22 Aug 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: _____

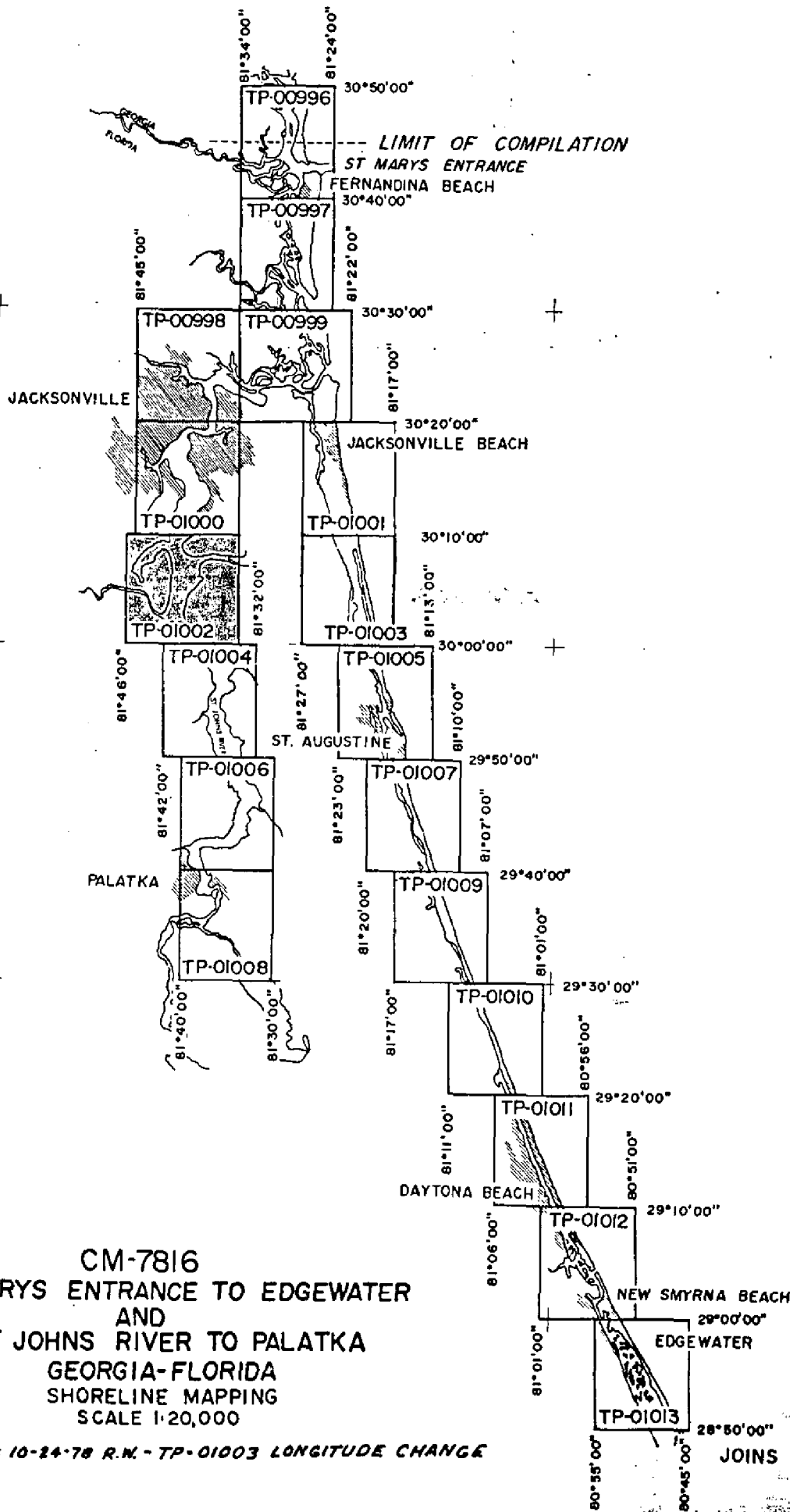
III. FEDERAL RECORDS CENTER DATA

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	



CM-7816
ST MARYS ENTRANCE TO EDGEWATER
AND
ST JOHNS RIVER TO PALATKA
GEORGIA-FLORIDA
SHORELINE MAPPING
SCALE 1:20,000

REVISED: 10-24-78 R.M. - TP-01003 LONGITUDE CHANGE

JOINS JOB PH-6716

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT
TP-01002

Coastal Zone Map TP-01002 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 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 March, 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-01002 and TP-01004

2/26/80. 9

~~2. AERIAL~~ FIELD INSPECTION

This report is submitted for sheets TP 01002 and TP 01004. This area covers the St. Johns River from Orange Park to just south of West Toco, Florida. Photographs 79CP 8424, 79CP 8578, 79CP 8580 and 79CP 8581 were used for sheet TP 01002. The major part of the land along the river in this area is heavily populated. Photographs 79CP 8420, 79CP 8422 and 79CP 8578 were used for sheet TP 01004. The major part of the land along the river in this area is mostly wooded.

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,
6/8/79

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</u> <u>Correction</u>		<u>No Film Distortion</u> <u>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.

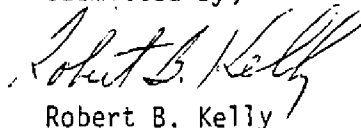
24. Supplemental Data

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

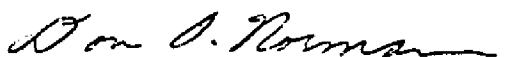
25. Photography

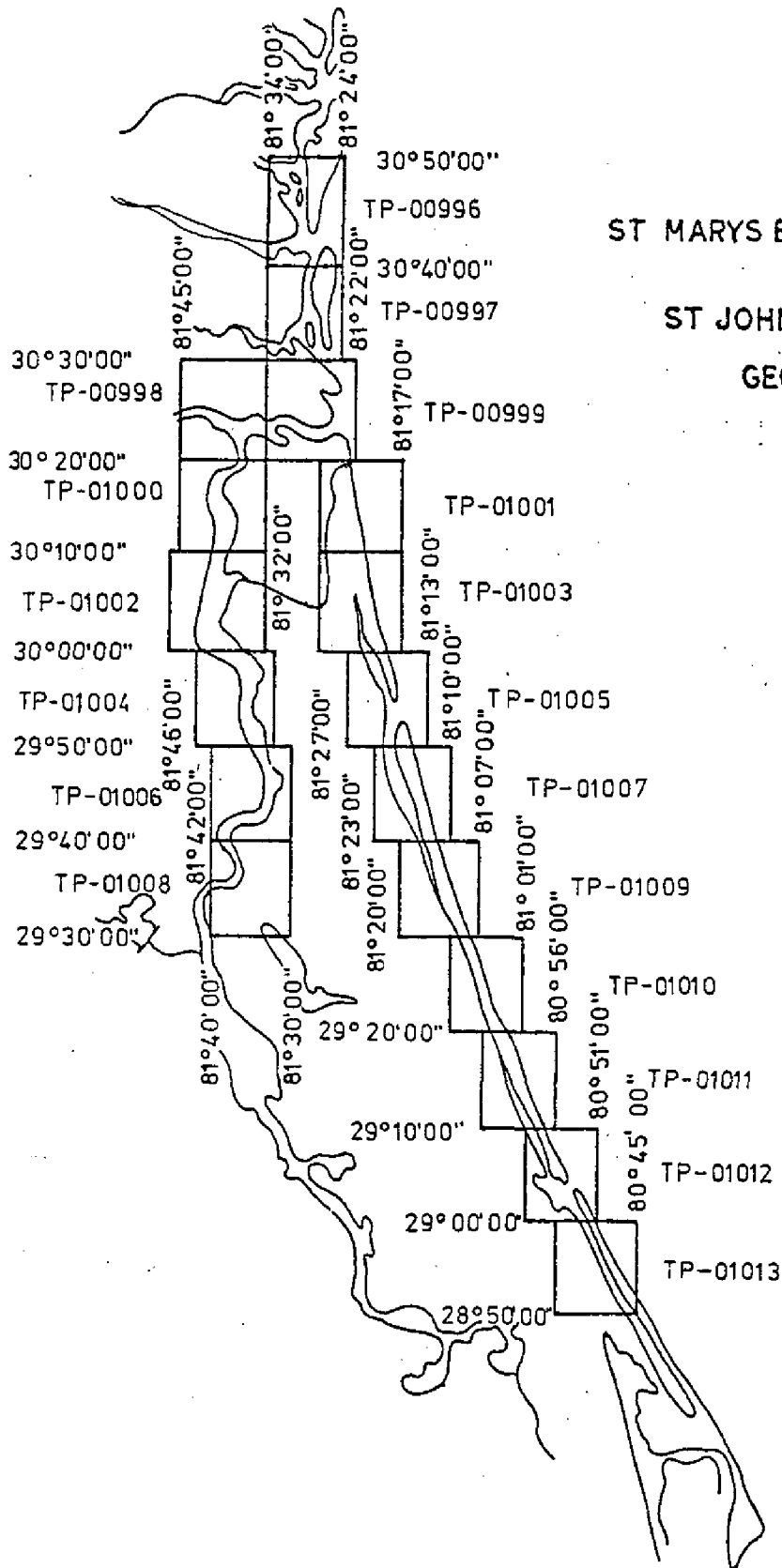
RC-10 black and white positives were adequate as to coverage and overlay. Definition was poor as in some areas double images of piers could be seen.

Submitted by,


Robert B. Kelly

Approved and Forwarded:


Don O. Norman
Chief, Aerotriangulation Section

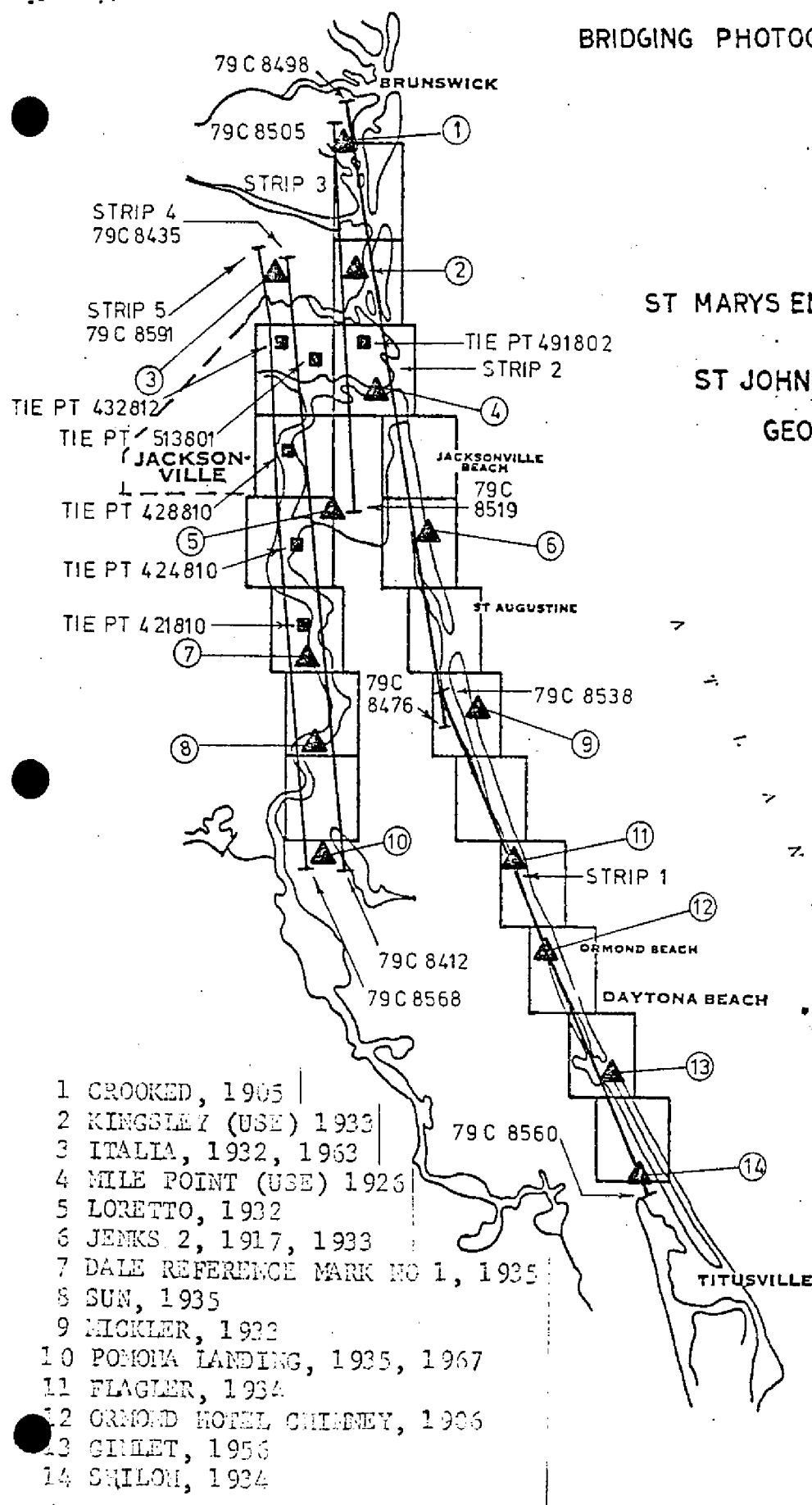


CM-7816
 ST MARYS ENTRANCE TO EDGEWATER
 AND
 ST JOHNS RIVER TO PALATKA
 GEORGIA - FLORIDA

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

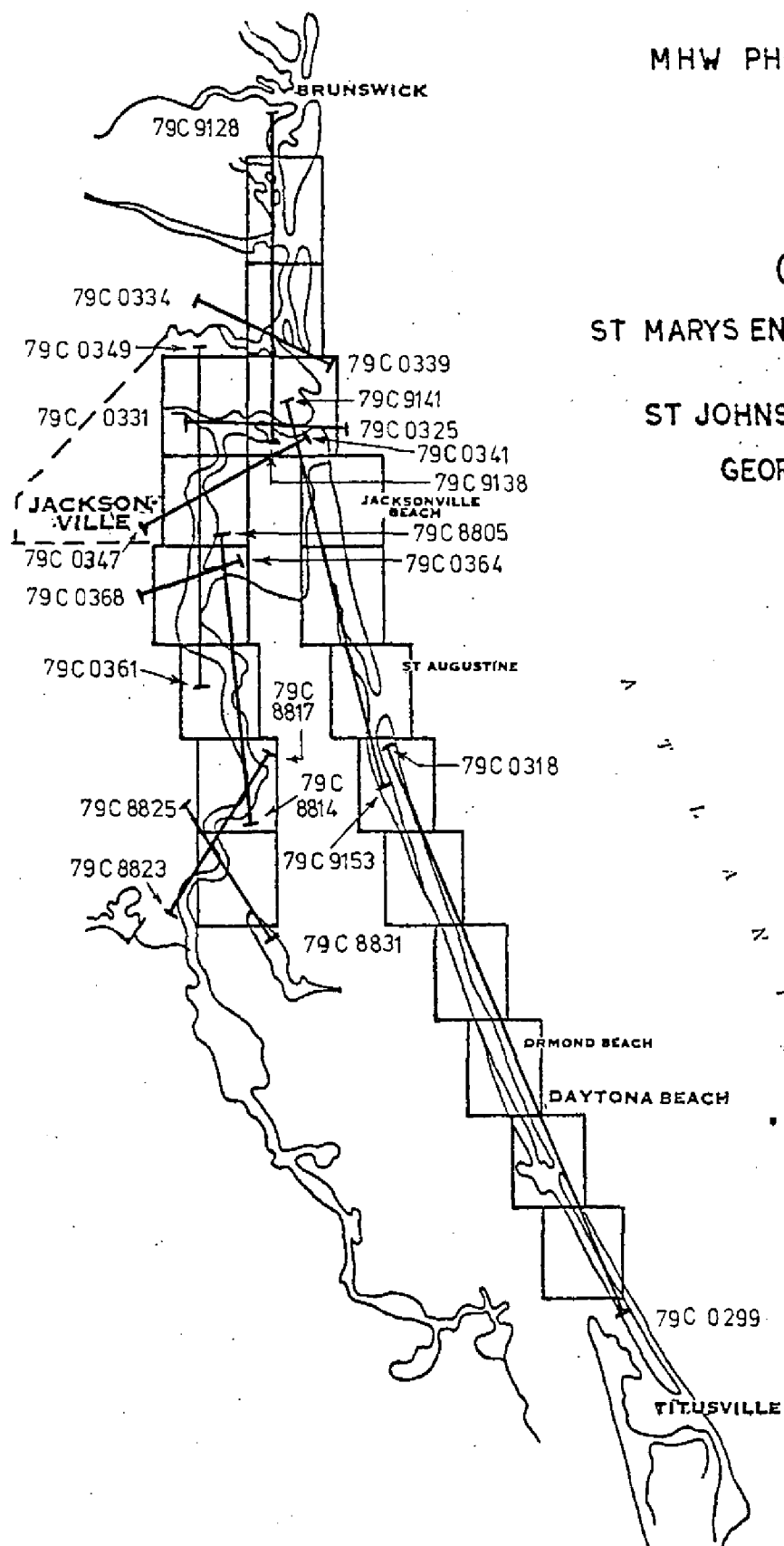
Strip 5

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

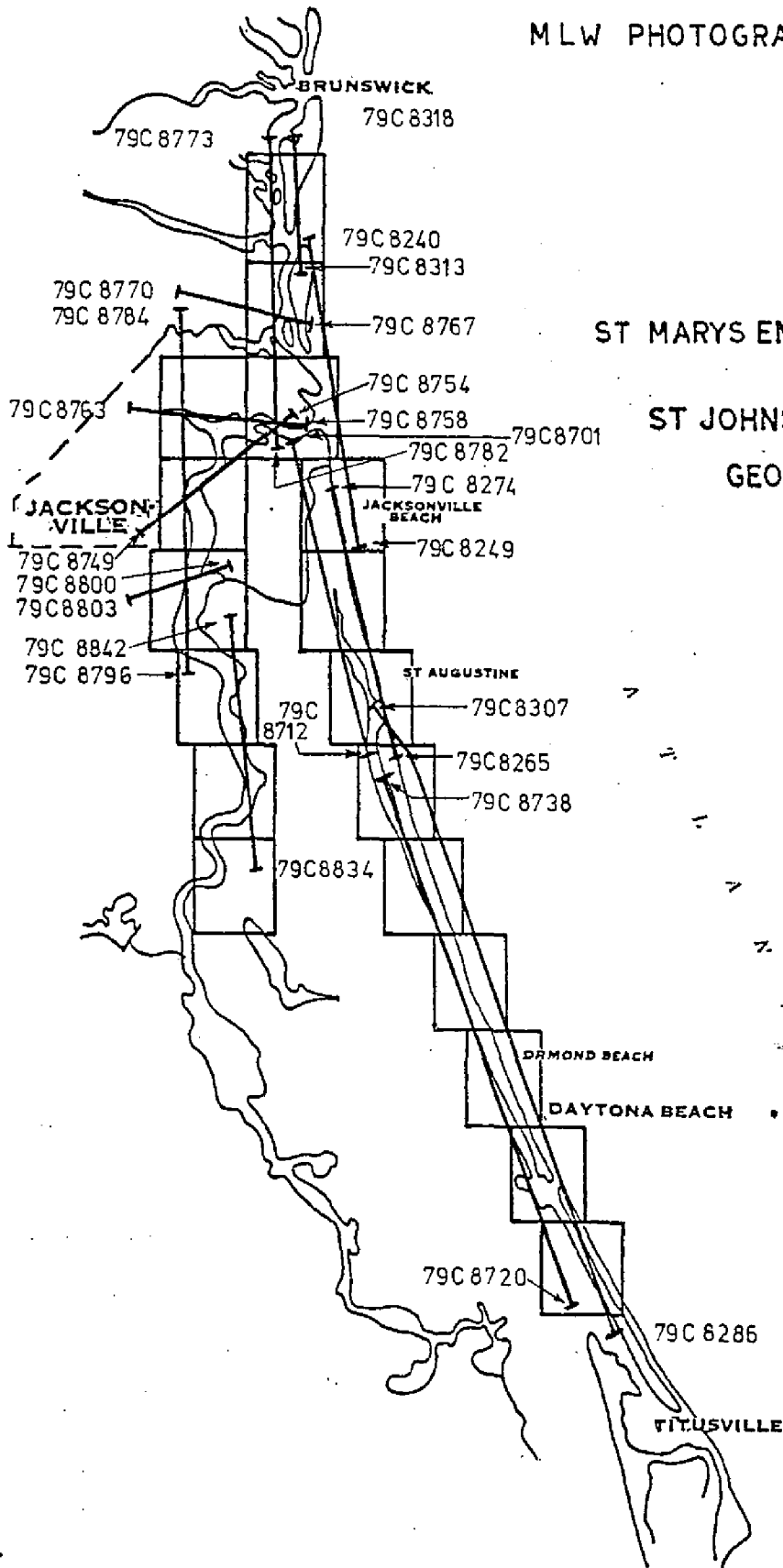
ST MARYS ENTRANCE TO EDGEWATER
AND
ST JOHNS RIVER TO PALATKA
GEORGIA - FLORIDA



MLW PHOTOGRAPHY

CM-7816

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



Compilation Report

TP-01002

31. Delineation

The alongshore cultural features and interior planimetry on this map were delineated by graphic compilation and the use of the B-8 Stereoplotter.

The area between latitudes $30^{\circ}04'00''$ to $30^{\circ}10'00''$ of this map was compiled using rectified prints of the black and white panchromatic photography. The B-8 Stereoplotter was used to compile the area between latitudes $30^{\circ}00'00''$ to $30^{\circ}04'00''$ using panchromatic photography.

All photography was controlled by map points determined by Aerotriangulation.

The MHW 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 was adequate (See Photogrammetric Plot Report).

33. Supplemental Data

Three Tide stations were plotted from sketches furnished by the Tide and Water Level 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 were 4 landmarks located during bridging and compilation of this map.

Five Aids to Navigation were located during bridging and compilation of this map.

38. Control for Future Surveys - None

39. Junctions - Refer to NOAA 76-40B

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 and with Existing Maps

Comparison was made with the following USGS quadrangle maps:

Orange Park, Fla., 1964, Photo revised 1970, Scale 1:24,000
Jacksonville Heights, Fla., 1964, Photo revised 1970 & 1978,
Scale 1:24,000
Orangedale, Fla., 1952, Photo revised 1970, Scale 1:24,000
Bayard, Fla., 1964, Photo revised 1970, Scale 1:24,000
Middleburg, Fla., 1949, Photo revised 1970 & 1978, Scale 1:24,000
Fleming Island Fla., 1952 Photo revised 1970, Scale 1:24,000

47. Comparison with Nautical Charts

Comparison was made with the following Nautical Charts:

11492 11th Ed., Oct. 29, 1977

Items to be applied to Nautical Charts immediately: None

Items to be carried forward: None

Submitted by,


Ronald L. Travis

Approved and Forwarded:


Frank Wright
Chief, Coastal Mapping Section

FIELD EDIT REPORT

TP-01002 CM 7816

METHODS

The field edit was made according to the Coastal Mapping instructions dated 1-30-78. The manuscript was inspected and all questions answered. The field edit was made by driving to some of the areas in question and from a skiff run close to shore. One discrepancy print and two photographs, numbers 79CP 8579 and 79CP 8581 were used.

ACCURACY OF COMPILATION

Adequate after application of field edit information.

GEOGRAPHIC NAMES

N/A

MANUSCRIPT ACCURACY

N/A

RECOMMENDATIONS

N/A

NAVIGATION

None

TRANSMITTAL OF DATA

All data sent to Coastal Mapping Division Norfolk, Va.

James E. Dunford
James E. Dunford

Photo Party 62

REVIEW REPORT

TP-01002

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 21, 1979

GEOGRAPHIC NAMES

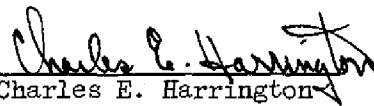
FINAL NAME SHEET

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

TP-01002

Black Creek	Magnolia Springs (Ppl)
Canes Point	Mandarin
Catfish Point	Mandarin Point
Cormorant Branch	Mill Cove
Creighton Island	Mill Creek
Cunningham Creek	Moccasin Slough
Dead Lake	Neilhurst
Doctors Inlet	New Switzerland Point
Doctors Lake	Old Bull Bay
Duck Creek	Oldfield Creek
Durbin Creek	Orangedale
Fleming Island	Orange Park (Ppl)
Flora Branch	Orange Point
Fruit Cove (Ppl)	Peoria Point
Geigers Point	Peters Branch
Governors Creek	Peters Creek
Green Cove Springs (Ppl)	Pine Bluff (Ppl)
Hallowes Cove	Popo Point
Hibernia	Ragged Point
Hibernia Point	Remington Park (Ppl)
Hog Point	Romeo Point
Holly Point (Ppl)	Russell
Jessie Island	Russell Landing
Johnson Slough	St. Johns River
Julington Creek	Seaboard Coast Line (RR)
Kendall Creek	Sugarhouse Cove
Laurel Grove	Swimming Pen Creek
Little Jessie Island	Switzerland
Macks Point	Wilkies Point
Magnolia Point	

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

76-40	PHOTOGRAMMETRIC BRANCH	NATIONAL OCEAN SURVEY	NOAA	DATA TAB
LISTING	PHOTOGRAMMETRY DIVISION	DEPARTMENT OF COMMERCE	USA	VERSION
				782707

* SVY	IP-01J02	*	RPT UNIT	CMU, ROCKVILLE, MD.	*	PAGE	1 OF 3
* JOB	C47816	*	STATE	FLORIDA	*		
* PRJ	833205	*	LOCALITY	MANDARIN	*		
* OTM	NA1927	*	DATE	02/19/80	*		

* OBJECTS INSPECTED FROM SEAWARD	*	THOMAS C. HULL	*	PHOTO FIELD PARTY
POSITIONS DETERMINED	*	THOMAS C. HULL	*	FIELD REPRESENTATIVE
AND/OR VERIFIED BY	*	FRANK A. WRIGHT	*	OFFICE COMPILER
FIELD AND OFFICE	*	JAMES H. TAYLOR	*	DIGITIZER
ACTIVITIES	*	JAMES H. TAYLOR	*	DATA PROCESSOR

* KEY FOR ENTRIES UNDER METHOD AND DATE OF LOCATION				
* OFFICE	* 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 75(C)6042	OBJECT.			
8-12-77	EXAMPLE P-8-V			
	8-12-77			
	74L(C)2982			
* FIELD	* 2. TRIANGULATION STATION RECOVERED			
* 1. NEW POSITION DETERMINED OR VERIFIED	WHEN A LANDMARK OR AID WHICH IS ALSO A TRI-			
KEY TO SYMBOLS	ANGULATION STATION IS RECOVERED, A TRIANG.			
F-FIELD	REC. WITH DATE OF RECOVERY IS SHOWN.			
L-LOCATED	EXAMPLE TRIANG. REC.			
V-VERIFIED	8-12-76			
1-TRIANGULATION	3. POSITION VERIFIED VISUALLY ON PHOTOGRAPH			
2-TRAVERSE	SHOWN BY V-VIS AND DATE.			
3-INTERSECTION	EXAMPLE V-VIS			
4-RESECTION	8-12-75			
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.				

* SVY TP-01002 * RPT UNIT CMD, ROCKVILLE, MD. * PAGE 2 OF 3 *
 * JOB CR7816 * NONFLOATING AIDS FOR CHARIS * STATE FLORIDA *
 * PRJ 833205 * TO BE CHARTED * LOCALITY MANDARIN * ORIGINATING ACTIVITY *
 * DFM NA1927 * DATE 02/19/80 * COMPILATION *
 * * * * *

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

* CHARTING* RECORD REASON FOR DELETION * POSITION CMD * METHOD AND DATE * CHARTS *
 * NAME * PUT TRIANGULATION WAIES IN () * LATITUDE OF ALTEK* OF LOCATION * 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. JOHNS RIVER * * * * *

* LIGHT * ORANGE PARK LIGHT 10 * 30 09 29.84 918.8 * 79CP8581 * *
 * 10 * * 31 41 24.35 651.6 * 03/07/79 * 11492 *
 * * * * *

* LIGHT * MANAHAMIN POINT LIGHT 11 * 30 09 16.50 508.1 * 79CP8581 * *
 * 11 * * 81 40 45.17 1208.8 * 03/07/79 * 11492 *
 * * * * *

* LIGHT * RAGGED POINT LIGHT 12 * 30 07 13.52 416.3 NOT * 79CP8581 * *
 * 12 * * 81 40 48.68 1303.2 DGTZD* 03/07/79 * 11492 *
 * * * * *

* LIGHT * NEW SWITZERLAND POINT LIGHT 17 * 30 03 39.40 1213.2 NOT * 79CP8580 * *
 * 17 * * 81 40 24.26 349.8 DGTZU* 03/07/79 * 11492 *
 * * * * *

* LIGHT * PUPO POINT LIGHT 19 * 30 01 19.70 606.6 * 79CP8579 * *
 * 19 * * 81 40 17.40 466.3 * 03/07/79 * 11492 *
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