

TP-01008

TP-01008

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. TP-01008	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 Palatka to Murphy Island	
1979 TO 1980	
REGISTRY IN ARCHIVES	
DATE	

NOAA FORM 75-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY		SURVEY TP. <u>01008</u>	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. <u>(1)</u>	
				<input type="checkbox"/> RESURVEY		MAP CLASS <u>Final field</u>	
				<input type="checkbox"/> REVISED		JOB <u>RM-CM-7816</u>	
PHOTOGRAMMETRIC OFFICE				LAST PRECEDING MAP EDITION			
Rockville, Md.				TYPE OF SURVEY		JOB <u>PH-</u>	
OFFICER-IN-CHARGE				<input type="checkbox"/> ORIGINAL		MAP CLASS <u></u>	
Cmdr. James Collins				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
				<input type="checkbox"/> REVISED		19 <u></u> TO 19 <u></u>	
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 1976 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				4. GRID(S)			
Transverse Mercator				STATE <u>Florida</u>		ZONE <u>East</u>	
5. SCALE <u>1:20,000</u>				STATE		ZONE	
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY				R. Kelly		June 1979	
METHOD: Analytic LANDMARKS AND AIDS BY				N/A			
2. CONTROL AND BRIDGE POINTS PLOTTED BY				J. Taylor		Oct 1979	
METHOD: Coradomat CHECKED BY				N/A			
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				F. Wright		Jan 1980	
COMPILATION CHECKED BY				P. Dempsey		Jan 1980	
INSTRUMENT: B-8				N/A			
SCALE: 1:20,000				CHECKED BY			
4. MANUSCRIPT DELINEATION PLANIMETRY BY				R. Rich		Jan 1980	
CHECKED BY				C. Lewis		Mar 1980	
METHOD: Graphic				N/A			
SCALE: 1:20,000				CHECKED BY			
HYDRO SUPPORT DATA BY				N/A			
CHECKED BY							
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				F. Wright		Mar 1980	
6. APPLICATION OF FIELD EDIT DATA BY				R. Rich		June 1980	
CHECKED BY				F. Wright		June 1980	
7. COMPILATION SECTION REVIEW BY				F. Wright		June 1980	
8. FINAL REVIEW BY				P. Dempsey		April 1984	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY							
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				P. Dempsey		April 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-01008

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-10		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Eastern	<input checked="" type="checkbox"/> STANDARD
<input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				MERIDIAN 75th	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
79 CP 8413-8416	7 Mar 79	1022	1:60,000	The stage of tide is inapplicable for this photography	
79 CP 8569-8572	7 Mar 79	1338	1:60,000		
79 ZC 9299-9300	15 Mar 79	1305	1:20,000		
9309-9310	15 Mar 79	1315	1:20,000		
79 CR 8821-8822	9 Mar 79	1352	1:60,000	Refer to NOAA Form 76-36B(1) for tide data	
79 CR 8827-8830	9 Mar 79	1408	1:60,000		
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 MLW line was not delineated because the MHW line coincides with the line 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-01006	No Contemporary Survey	No Contemporary Survey	No Contemporary Survey

REMARKS

Final junctions were checked by the Coastal Mapping Section

HISTORY OF FIELD OPERATIONS

TP-01008

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. S. Tibbets	5/21/79
2. HORIZONTAL CONTROL	RECOVERED BY N/A	
	ESTABLISHED BY N/A	
	PRE-MARKED OR IDENTIFIED BY N/A	
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 R. E. Ledbetter	5/21/79
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED N/A		2. VERTICAL CONTROL IDENTIFIED N/A	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
3. PHOTO NUMBERS (Clarification of details) 79 CP 8570 and 8571			
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED N/A			
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
5. GEOGRAPHIC NAMES: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE		6. BOUNDARY AND LIMITS: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE	
7. SUPPLEMENTAL MAPS AND PLANS N/A			
8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) N/A			

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. S. Tibbetts	4-2-80
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	
5. GEOGRAPHIC NAMES INVESTIGATION	J. E. Dunford	4-2-80
	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	
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 ZC 9310

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

Tower

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)

Sketch and Blue Print of Pier.

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

RECORD OF SURVEY USE

TP-01008

I. MANUSCRIPT COPIES

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

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

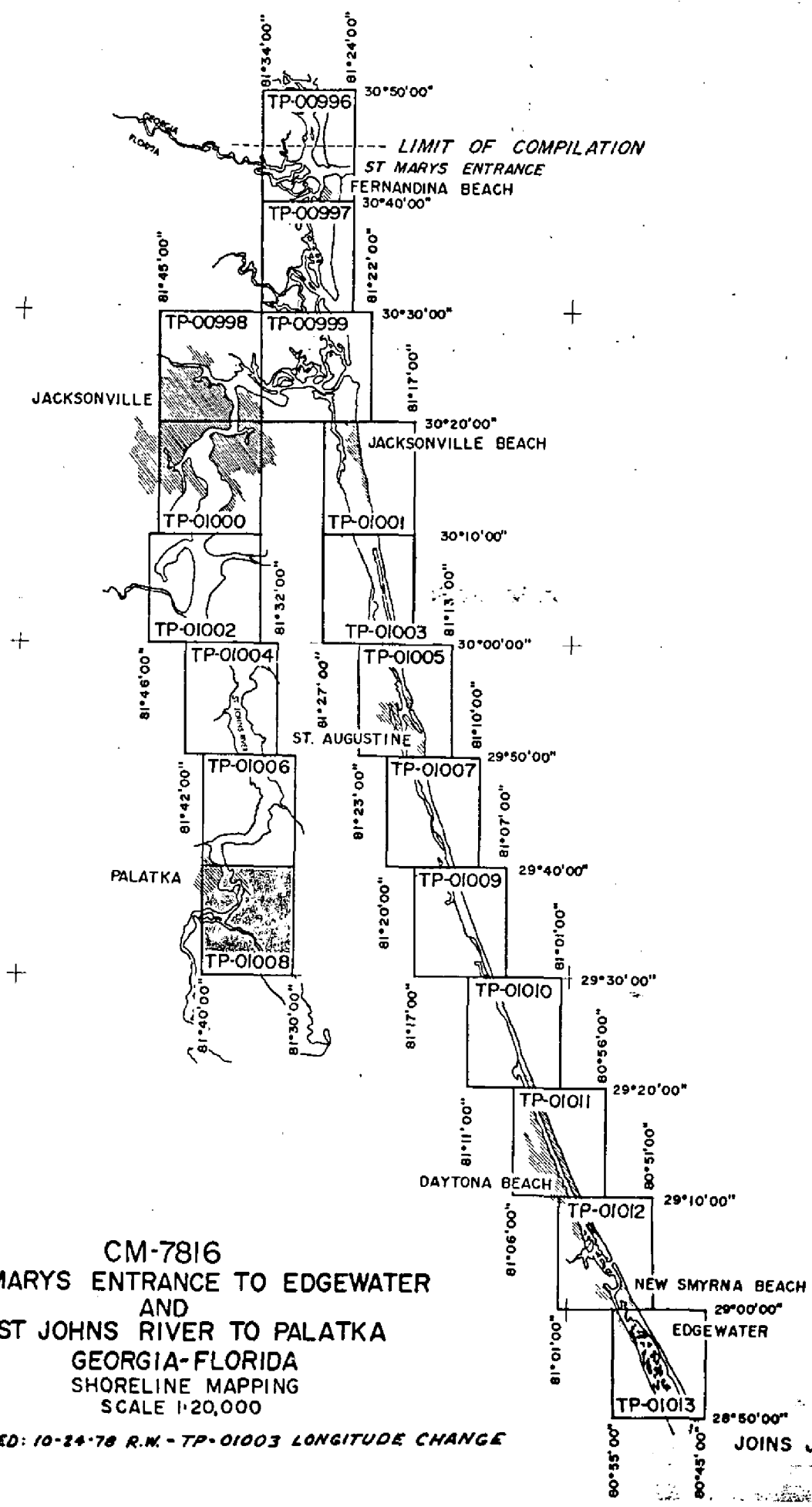
2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

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-01008

Coastal Zone Map TP-01008 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 April, 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 April, 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-01008 and TP-01006

2. Areal Field Inspection :

TP sheets 01008 and 01006 are being covered in this report. TP 01008 covers the St. Johns River area around and south of Palatka Florida, which includes Murphys Creek, Dunns Creek and further south to Cresent Lake. Photographs 79CP 8570 and 79CP 8571 were used for field inspection for this TP sheet.

TP 01006 covers the St. Johns River area north of Palatka, Florida to top of sheet limits just north of Riverdale, Florida. Photographs 79 CP 8572, 79CP 8416 and 79CP 8418 were used for field inspection of this TP sheet.

The major part of the land along the river are wooded and residential homesite.

The photographs for these sheets consist of 1979 single lens ratio prints 1:20,000 scale. The photographs range from good to fair quality. No major photo interpretation difficulties were encountered.

3. Horizontal Control

According to a letter from James Collins in regards to changes in proceedures, letter dated January 30,1978 was omitted.

4. Vertical Control

In regards to the same letter from James Collins dated January 30,1978 this was omitted.

5. Contours and Drainage,

N/A

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 shore line. all of which has been noted on photographs

In most cases mean high water line is defined by the vegetation line, concrete or wood bulkhead and riprap.

No attempt was made to delineate the approximate low water line on photography.

Overhead cables, submerged cables, and submerged pipeline have been noted on photographs. All shoreline structures were inspected and adequate field inspection notes are noted on the photographs.

8. Offshore Feature:

No offshore features were noted

9. Landmarks and Aid:

These were omitted in accordance to letter from James Collins dated January 30, 1978.

10. Boundaries, Monuments and lines:

No boundaries, monuments or lines were noted.

11. Other Control:

N/A

12. Other Interior data

Railroads and major highways were noted.

Bridges and overhead cable ~~clearance~~ were noted.

13. Geographic Names

A systematic geographic names report was not required

14. Special Report and Supplemental Data:

N/A

Submitted
5/21/79

Ronald E. Ledbetter
s/Ronald E. Ledbetter

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 deviation 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 destortion correction and was evaluated as a good adjustment.

Strip 5 was adjusted with and without the use of film destortion 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.

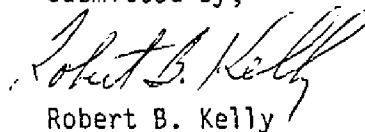
24. Supplemental Data

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

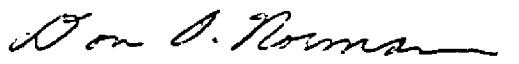
25. Photography

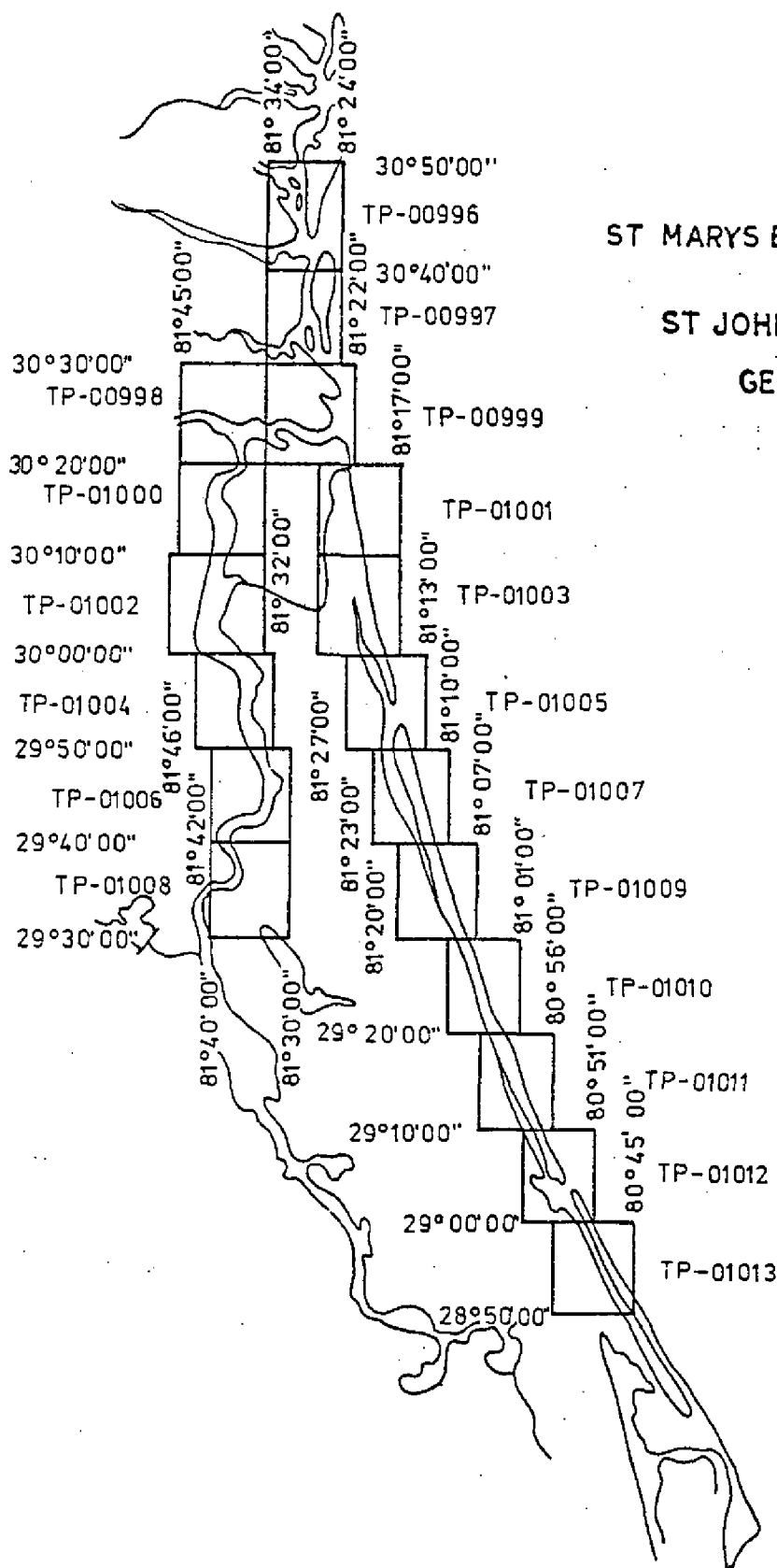
RC-10 black and white positives were adquate as to coverage and overlay. Definition was poor as in some areas double images of piers could be seen.

Submitted by,


Robert B. Kelly

Approved and Forwarded:


Don O. Norman
Chief, Aerotriangulation Section

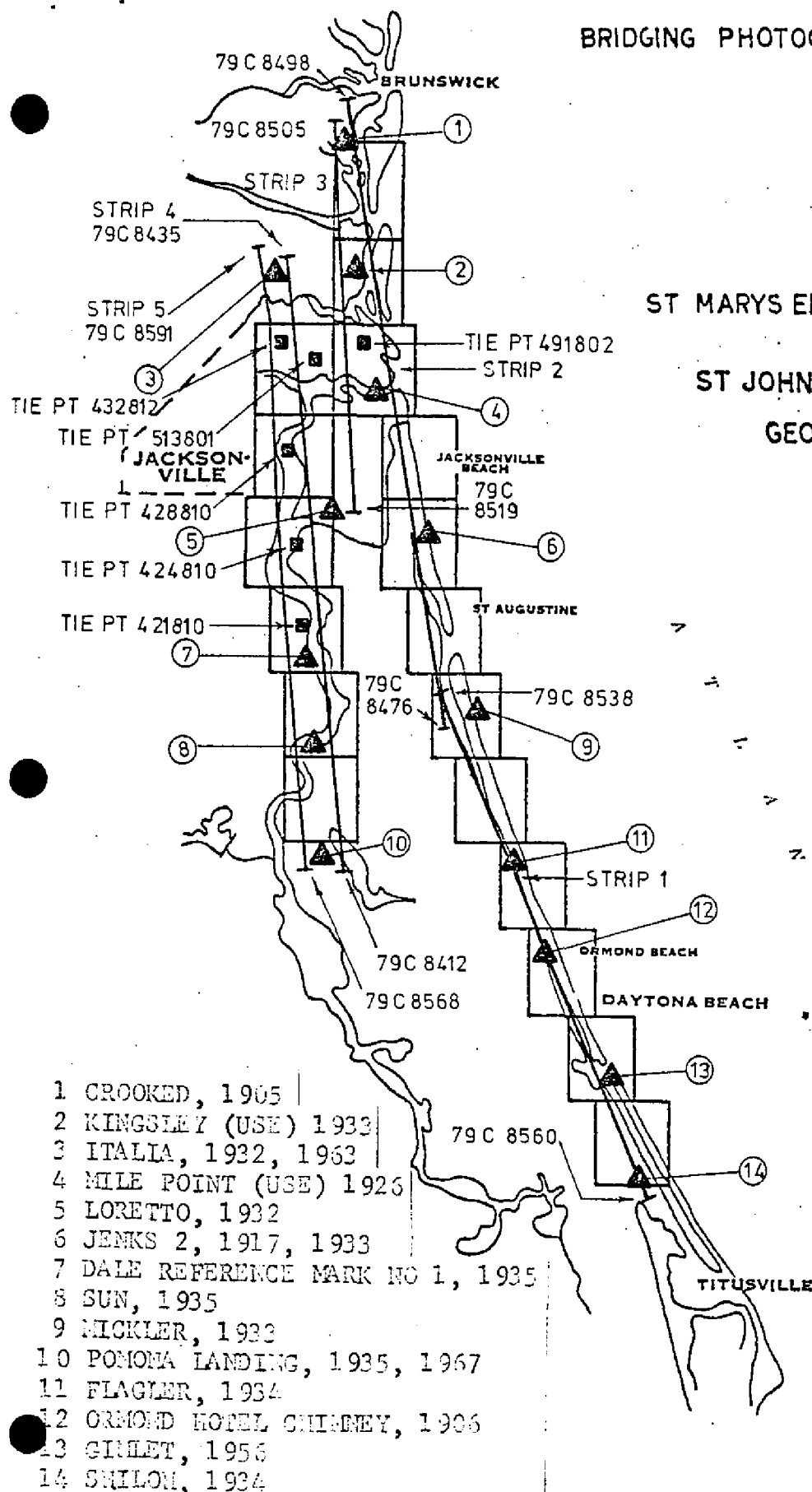


CM-7816
 ST MARYS ENTRANCE TO EDGEWATER
 AND
 ST JOHNS RIVER TO PALATKA
 GEORGIA - FLORIDA

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

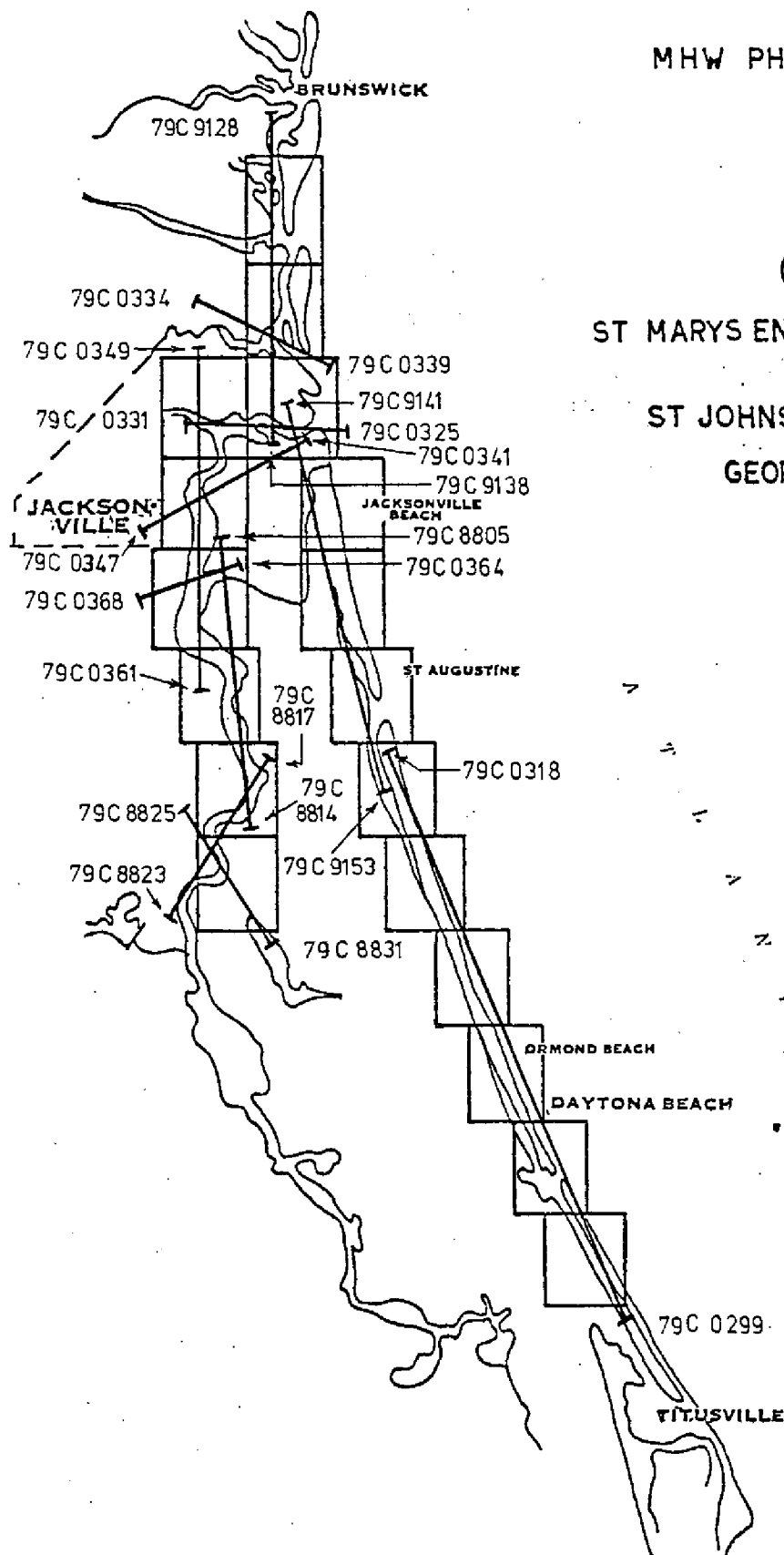
Strip 5

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

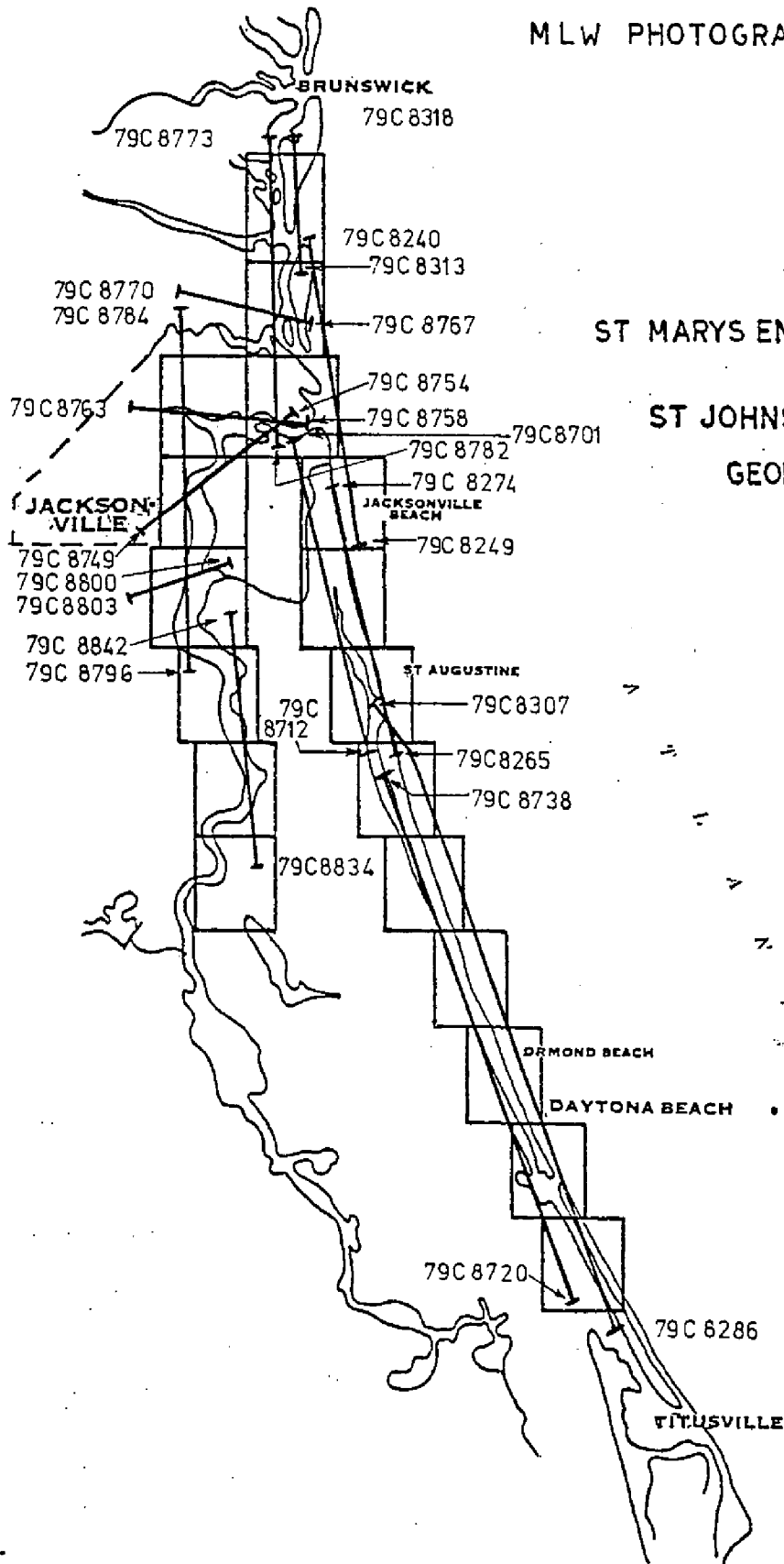
MHW PHOTOGRAPHY

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

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.		JOB NO.		GEODETTIC DATUM		ORIGINATING ACTIVITY	
TP-01008		CM-7816		N A 1927		Rockville, Md.	
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE <u>Florida</u> ZONE <u>East</u>		GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE		REMARKS
Palatka, East Transmission Tower, 1933	G P Pg 24 P C Pg 7	415145	X=	312,318.43	ϕ	29° 37' 49.901	
			Y=	1,925,967.59	λ	81° 35' 26.623"	
Palatka, West Transmission Tower, 1933	G P Pg 24 P C Pg 7	415144	X=	311,162.17	ϕ	29° 37' 50.847"	
			Y=	1,926,069.06	λ	81° 35' 39.730"	
E. Palatka Potato Cannery Black Water Tank, 1933	G P Pg 25 P C Pg 8	572143	X=	309,698.74	ϕ	29° 38' 50.164"	
			Y=	1,932,068.50	λ	81° 35' 56.663"	
			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		DATE	LISTING CHECKED BY		DATE		
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY		DATE		

Mar 1980

DATE

DATE

DATE

Compilation Report

TP-01008

January 1980

31. Delineation

All alongshore, offshore features, and interior planimetry on this map were delineated by graphic compilation using rectified black and white 1:60,000 scale panchromatic photography. This photography was controlled by map points determined by the aerotriangulation section.

Due to elevation in the San Mateo area, portions of Routes U.S. 17 and State routes 20 and 100 were compiled from a stereo model set on the B-8 stereoplotter.

The MHW line was compiled from office interpretation of the ratio, tide-coordinated, black and white infrared photography. The MLW line was not compiled on this manuscript as it coincided with the MHW line at map scale.

A field inspection was done prior to compilation. This inspection was used extensively along with the above mentioned photography to identify numerous alongshore and offshore features.

32. Horizontal Control

Horizontal control was adequate (See Photogrammetric Plot Report).

33. Two tide stations were plotted from sketches furnished by the Tides 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, ratio photography.

35. Shoreline and Alongshore Detail

Refer to Item 31.

36. Offshore Details

No offshore detail was delineated on this map.

37. Landmarks and Aids

No aids were located on this map. The aids that fall within the limits of this map were located by Hydrographic Party OPR-G427.

There were 7 landmarks located during bridging and compilation of this map. Four of the landmarks are triangulation stations.

38. Control for Future Surveys - None

39. Junctions

Refer to NOAA Form 76-36B.

40. Horizontal and Vertical Accuracy

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

41. thru 45. Inapplicable

46. Comparison with Existing Maps

Palatka, Fla., 1968, Scale 1:24,000
Hastings, Fla., 1968, Scale 1:24,000
Satsuma, Fla., 1968, Scale 1:24,000
San Mateo, Fla., 1968, Scale 1:24,000

47. Comparison and Nautical Charts

11492 11th Edition, Oct. 29, 1977, Scale 1:40,000
11495, 7th Edition, Oct. 9, 1976, Scale 1:40,000

Submitted by,



R. D. Rich

Approved and Forwarded:



F. Wright
Chief, Coastal Mapping Section

FIELD EDIT REPORT
TP-01008 CM 7816

METHOD

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 pier was field located and one landmark Photo Identified. One discrepancy print and one photo number 79 ZC 9310 were 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 Division Norfolk, Virginia.

James E. Dunford
James E. Dunford
Photo Party 62

REVIEW REPORT

TP-01008

April 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.

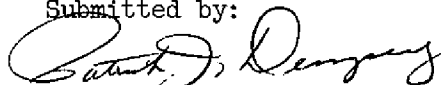
64. Comparison With Contemporary Hydrographic Surveys - None65. Comparison With Nautical Charts

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 29, 1979

GEOGRAPHIC NAMES

FINAL NAME SHEET

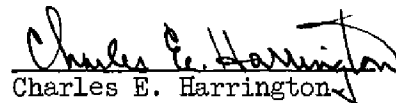
CM-7816 (St. Marys Entrance to Edgewater and
St. Johns River to Palatka, Ga.-Fla.)

TP-01008

Browns Landing
Buzzard Island
Crescent Lake
Devils Elbow
Dunns Creek
East Palatka
Edgewater
Florida East Coast (RY)
Harts Point
Hog Eye Point
Horseshoe Point
Lundy
Mill Branch
Monroe Landing
Moritani Point
Murphy Creek
Murphy Island

Palatka
Piney Bluff Landing
Polly Creek
Polly Island
Pomona Landing
Rat Island
St. Johns River
Salt Branch Canal
San Mateo
Seaboard Coast Line (RR)
Shell Hill Point
Sutherlands Still
Sykes Cove
Sykes Landing
Willow Cove
Willow Point
Southern (RR)

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

Replaces C&GS Form 567.

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

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

ORIGINATING ACTIVITY

- ☐ HYDROGRAPHIC PARTY
☐ GEODETIC PARTY
☐ PHOTO FIELD PARTY
☒ COMPILATION ACTIVITY
☐ FINAL REVIEWER
☐ QUALITY CONTROL & REVIEW GRP.
☐ COAST PILOT BRANCH
- (See reverse for responsible personnel)

<input checked="" type="checkbox"/> TO BE CHARTED	REPORTING UNIT (Field Party, Ship or Office)	STATE	LOCALITY	DATE	<input type="checkbox"/> PROJECTED PARTY <input checked="" type="checkbox"/> COMPILATION ACTIVITY <input type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW GRP. <input type="checkbox"/> COAST PILOT BRANCH
<input type="checkbox"/> TO BE REVISED	Rockville, Md.	Florida	Palatka to Murphy Island	March, 80	
<input type="checkbox"/> TO BE DELETED					

The following objects HAVE ☐ HAVE NOT ☐ been inspected from seaward to determine their value as landmarks.
(See reverse for responsible personnel)

The following objects HAVE ☐ HAVE NOT ☐ been inspected from seaward to determine their value as landmarks.

OPER PROJECT NO.	JOB NUMBER	SURVEY NUMBER	DATUM	METHOD AND DATE OF LOCATION (See Instructions on reverse side)	CHARTS
	CM-7816	TP-01008	N A 1927		
			POSITION		

[illegible]

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	Thomas C. Hull
POSITIONS DETERMINED AND/OR VERIFIED	Thomas C. Hull
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	Frank Wright
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64.)	
OFFICE I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	FIELD (Cont'd) B. Photogrammetric field positions* require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982
FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection P - Photogrammetric Vis - Visually 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	II. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75 III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter '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.
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	

