

TP-01000

TP-01000

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. TP-01000	Edition No. 1
Job No. CM-7816	
Map Classification Final Field Edited	
Type of Survey Shoreline	
LOCALITY	
State Florida	
General Locality Ortega	
Locality Arlington to Orange Park	
1979 TO 1980	
REGISTRY IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY		SURVEY TP-01000	
DESCRIPTIVE REPORT - DATA RECORD				☒ ORIGINAL		MAP EDITION NO. (1)	
				☐ RESURVEY		MAP CLASS Final field edited	
				☐ REVISED		JOB PH-CM-7816	
PHOTOGRAMMETRIC OFFICE				LAST PRECEDING MAP EDITION			
Rockville, Md.				TYPE OF SURVEY		JOB PH-	
OFFICER-IN-CHARGE				☐ ORIGINAL		MAP CLASS	
Cmdr. James Collins				☐ RESURVEY		SURVEY DATES:	
				☐ REVISED		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 1978			
II. DATUMS							
1. HORIZONTAL: ☒ 1927 NORTH AMERICAN				OTHER (Specify)			
2. VERTICAL: ☒ MEAN HIGH-WATER ☒ MEAN LOW-WATER ☐ MEAN LOWER LOW-WATER ☐ MEAN SEA LEVEL				OTHER (Specify)			
3. MAP PROJECTION				4. GRID(S)			
Transverse Mercator				STATE		ZONE	
				Florida		East	
5. SCALE				STATE		ZONE	
1:20,000							
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY				R. Kelly		May 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				J. Schad		Jan 1980	
COMPILATION CHECKED BY				C. Lewis		Feb 1980	
INSTRUMENT: Wild B-8				CONTOURS BY		N/A	
SCALE: 1:20,000 CHECKED BY							
4. MANUSCRIPT DELINEATION PLANIMETRY BY				J. Schad		Jan 1980	
CHECKED BY				C. Lewis		Feb 1980	
METHOD: Graphic				CONTOURS BY		N/A	
SCALE: 1:20,000 CHECKED BY							
HYDRO SUPPORT DATA BY				N/A			
CHECKED BY							
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				D. Brant		Feb 1980	
6. APPLICATION OF FIELD EDIT DATA BY				F. Wright		Mar 1980	
CHECKED BY				C. Lewis		April 1980	
7. COMPILATION SECTION REVIEW BY				C. Lewis		May 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	

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-10		TYPES OF PHOTOGRAPHY LEGEND (C) <u>COLOR</u> (P) <u>PANCHROMATIC</u> (I) <u>INFRARED</u>		TIME REFERENCE	
TIDE STAGE REFERENCE ☐ PREDICTED TIDES ☐ REFERENCE STATION RECORDS ☒ TIDE CONTROLLED PHOTOGRAPHY				ZONE Eastern	☒ STANDARD ☐ DAYLIGHT
MERIDIAN 75th					

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
79 ZC 8936-8944	11 Mar 79	1440	1:20,000	The stage of tide is inapplicable for this photography Refer to NOAA form 76-36b(1) for tide data
79 ZC 9005-9017	11 Mar 79	1524	1:20,000	
79 ZC 9254-9255	15 Mar 79	1233	1:20,000	
79 ZC 8985-8986	11 Mar 79	1505	1:20,000	
79 CP 8426-8429	7 Mar 79	1035	1:60,000	
79 CP 8582-8584	7 Mar 79	1353	1:60,000	
79 CR 0353-0356	28 Mar 79	1119	1:60,000	
79 CR 0344-0346	28 Mar 79	1059	1:60,000	
79 CR 8750-8752	9 Mar 79	1124	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:

No MLW line was shown on this map. The MHW and MLW line coincide 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-11998	N/A	TP-01002	N/A

REMARKS

Final junctions were made in the Coastal Mapping Section

HISTORY OF FIELD OPERATIONS

TP-01000

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. S. Tibbetts	5/18/79
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 ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY J. E. Dunford	5/18/79
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED
N/A2. VERTICAL CONTROL IDENTIFIED
N/A

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

79 CP 8426, 8427, 8428, 8582 and 8584.

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

N/A

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)

N/A

HISTORY OF FIELD OPERATIONS

TP-01000

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. S. Tibbetts	3/10/80
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	3/10/80
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION	
	☐ COMPLETE	
	☐ SPECIFIC NAMES ONLY	
	☒ 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 CP 8427

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

Beacon

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-01000

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Class III	Jan 1980			
Final	May 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
6		Aug 22, 1980	Digitized forms (76-40) submitted

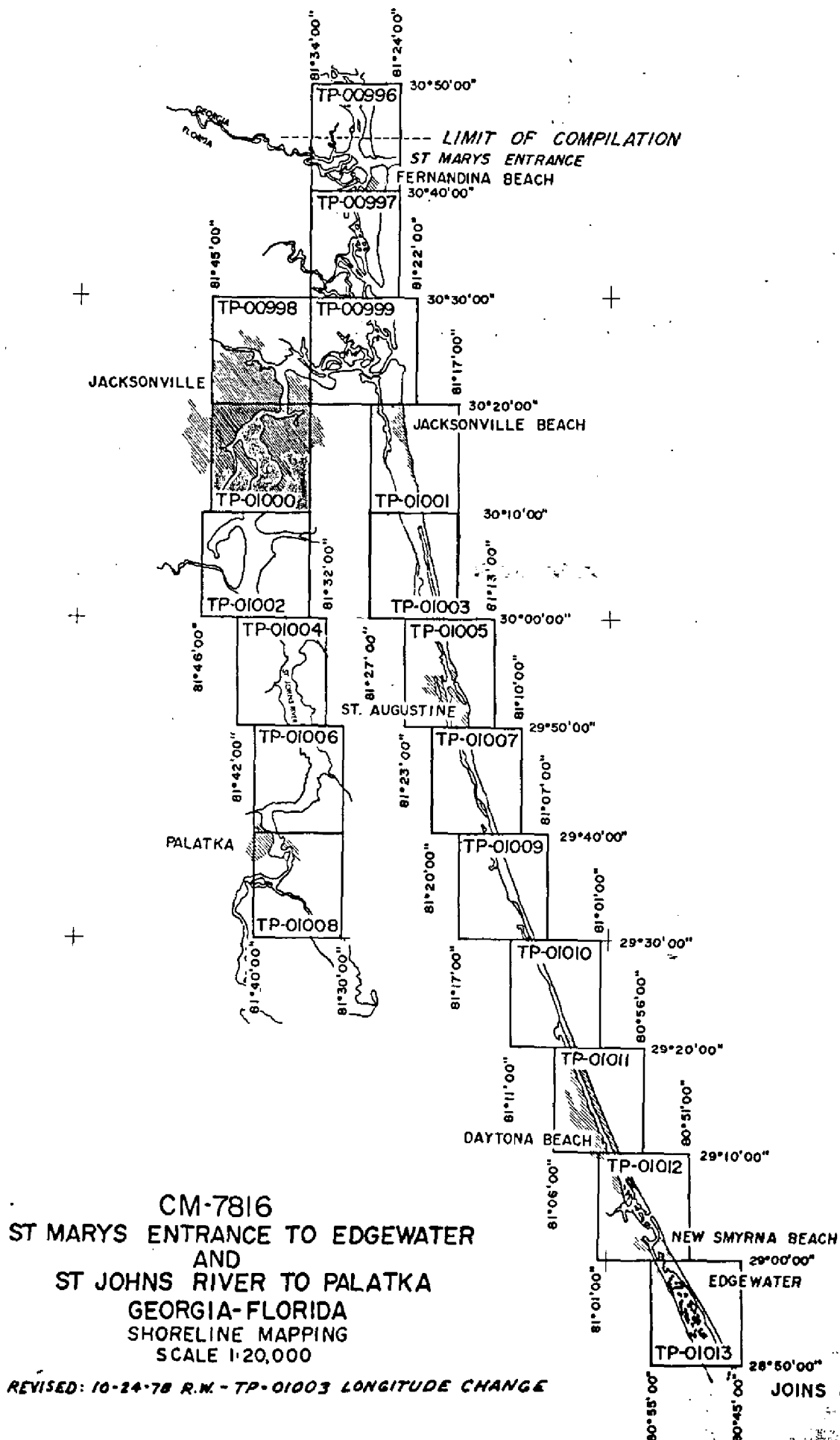
2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

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



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT
TP-01000

Coastal Zone Map TP-01000 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 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

SHEET TP - 01000

2. ~~Aerial~~ ^{Areal} Field Inspection

This report is submitted for sheet TP-01000. This area covers the St. Johns River in Jacksonville, Florida. It consist generally of the area from Orange Park south of Jacksonville, to Oakvilla east of Jacksonville.

The major part of the land immediately along the river is heavily populated. The Photographs for this sheet consist of 1979 single lens ratio prints 1:20,000 scale

Photography furnished by ~~aerial~~ ^{areal} field inspection consisted of every other photograph along a flight line. The center portion of the photographs were adequate. However the outside portion was fuzzy making photo interpretation very difficult in these areas.

3. Horizontal Control

N/A

4. Vertical Control

N/A

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 alongshore features

The shoreline inspection was accomplished from a skiff run close to shore. The area consist of apparent, fast, bulkhead and riprap shoreline all of which have been noted on photographs.

No attempt was made to delin^eate the approximate low water line on photographs.

Overhead cables, submerged cables and pipelines have been noted on photographs.

Shoreline structures were noted on photographs.

8. Offshore Feature:

N/A

9. Landmarks and Aids:

Three landmarks were noted on photographs. Two TV towers that are charted and a building that has white trim with blue glass and antenna on top with white strob light. It is not charted.

10. Boundaries, Monuments and lines

N/A

11. Other Control: N/A

12. Other Interior Features: N/A

13. Geographic Names: N/A

14. Special reports and Supplemental Data: N/A

Submitted
5/18/79

James E. Durnford

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.

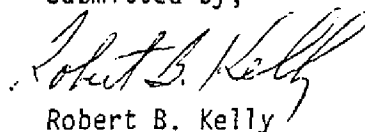
24. Supplemental Data

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

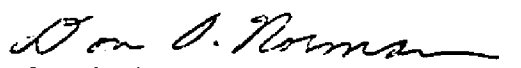
25. Photography

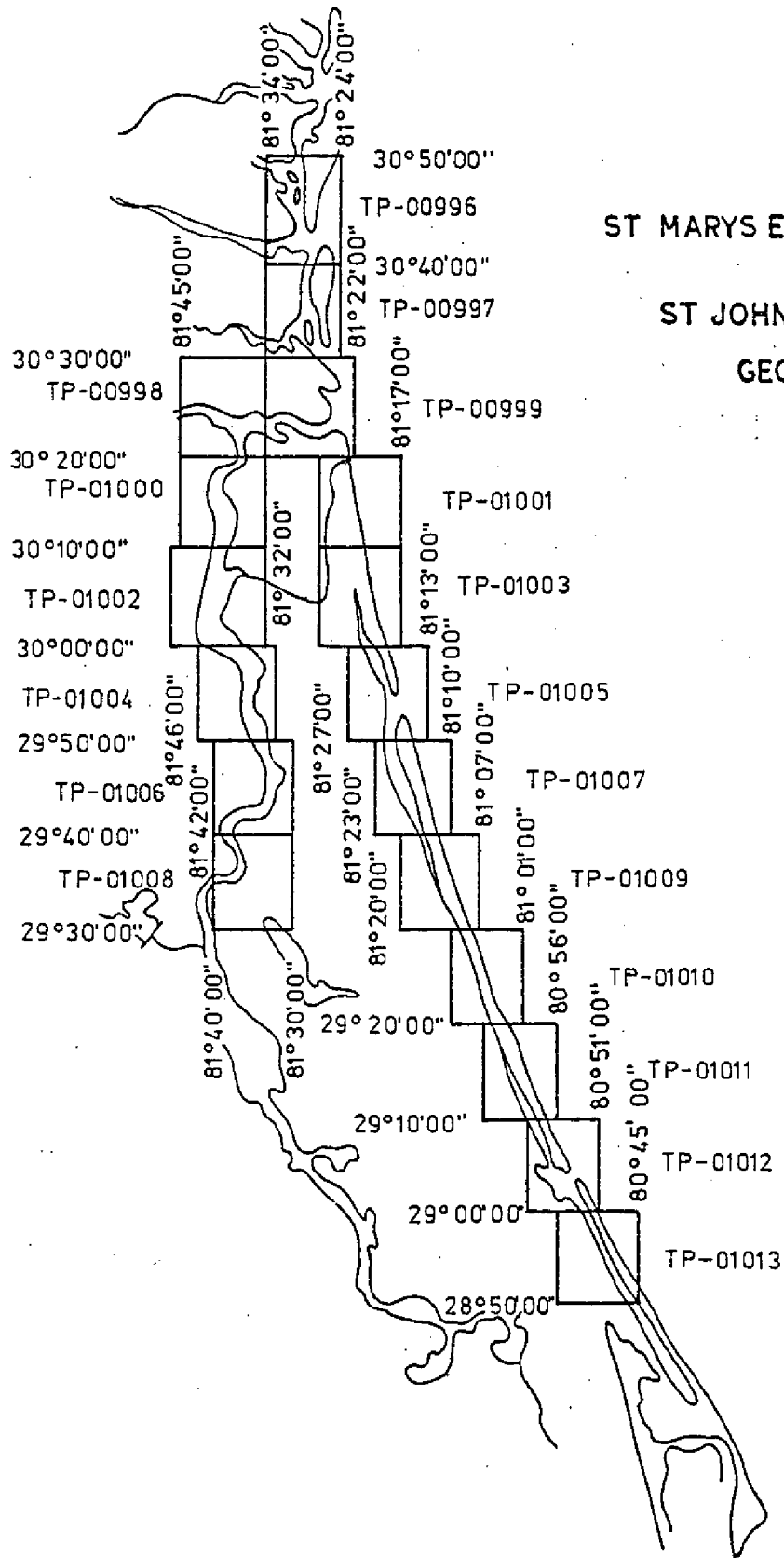
RC-10 black and white positives were adequate as to coverage and overlay. Definition was poor as in some areas double images of piers could be seen.

Submitted by,


Robert B. Kelly

Approved and Forwarded:

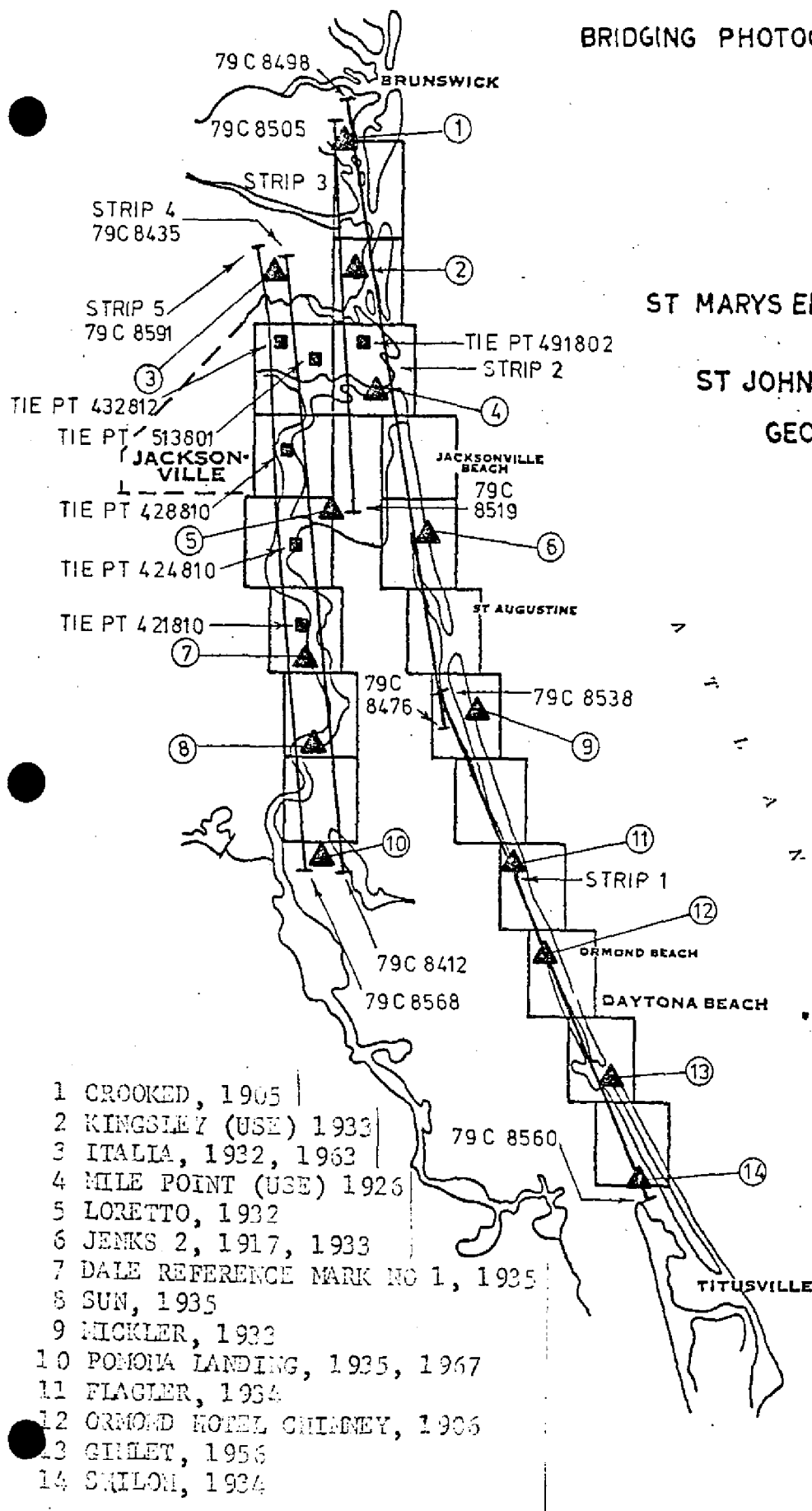

Don O. Norman
Chief, Aerotriangulation Section



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

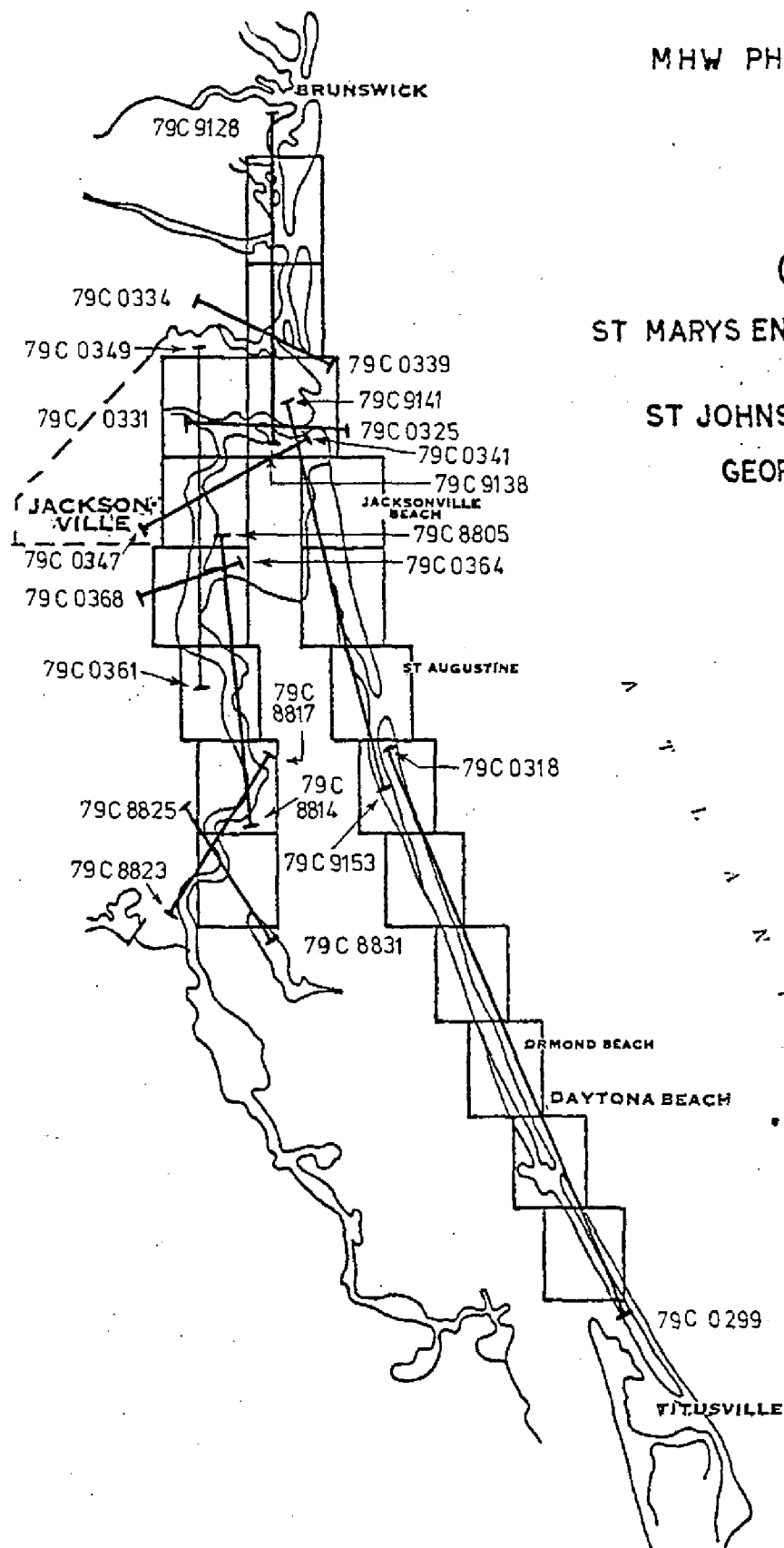
Strip 5

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

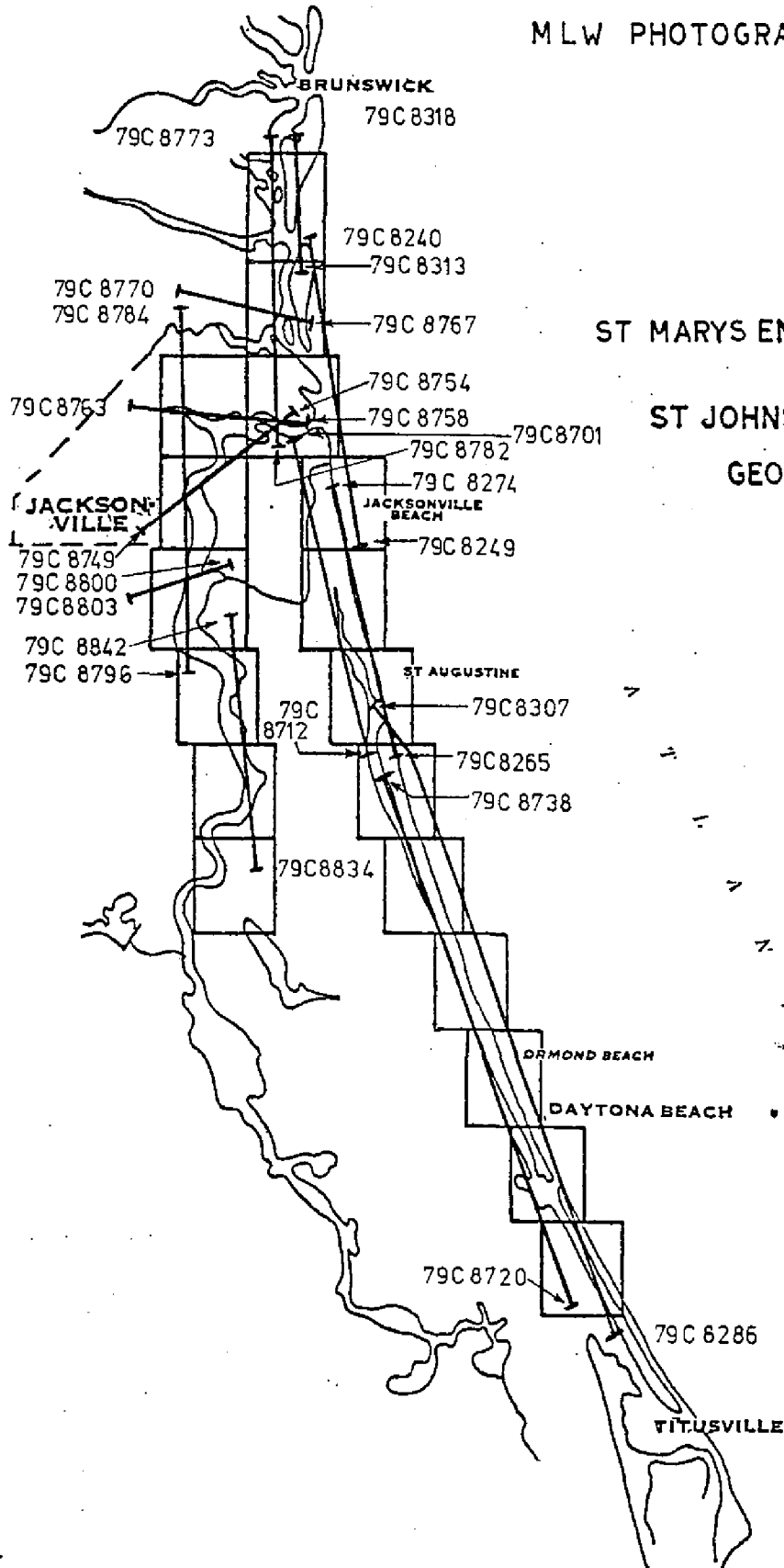
MHW PHOTOGRAPHY

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.	TP-01000	JOB NO.	CM-7816	GEODETTIC DATUM N A 1927		ORIGINATING ACTIVITY 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
San Jose Golf Club W T, 1932		G P Pg 31 P C Pg 8	161	X= 305,121.18 Y= 2,147,562.45 X=	ϕ 30° 14' 23.109" λ 81° 37' 01.667" ϕ			
				Y=	λ			
				X=	ϕ			
				Y=	λ			
				X=	ϕ			
				Y=	λ			
				X=	ϕ			
				Y=	λ			
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				Y=	λ			
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				X=	ϕ			
				Y=	λ			
				X=	ϕ			
				Y=	λ			
				X=	ϕ			
				Y=	λ			
COMPUTED BY			DATE	COMPUTATION CHECKED BY		DATE		
LISTED BY	J. Sched		DATE Jan 1980	LISTING CHECKED BY C. Lewis		DATE Feb 1980		
HAND PLOTTING BY			DATE	HAND PLOTTING CHECKED BY		DATE		

Compilation Report

TP-01000

January 1980

31. Delineation

The landmark buildings, towers, tanks, spires, and bridges along the St. Johns River from Winter Point to Arlington were compiled from a model (79 CP 8428-29) set on the WILD B-8 stereoplotter.

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 Section.

Ratio photographs, annotated with field inspection data, were furnished by the fieldman. This data was applied to the map during compilation.

The MHWL was compiled from the tide-coordinated black and white infrared photography. No MLWL was shown on this map. The MHW and MLW line coincided at map scale.

32. Horizontal Control

Horizontal control was adequate (See Photogrammetric Plot Report).

33. Supplemental Data

Five tide stations were plotted from sketched 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, and the rectified photography was adequate for delineating the shoreline and alongshore detail.

36. Offshore Detail

No offshore detail was delineated on this map.

37. Landmarks and Aids

There were 20 landmarks located during bridging and compilation. One landmark is triangulation. Eleven were located by bridging and 8 by

by B-8 compilation. Six possible landmarks were located during compilation; 3 buildings, 1 spire, 1 sandpipe and 1 tower. The field editor is requested to determine their value as landmarks. Five aids to navigation were also located, 4 by bridging and 1 during compilation.

38. Control for Future Surveys - None

39. Junctions

Refer to NOAA Form 76-36B for junctions.

40. Horizontal and Vertical Accuracy

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

41. thru 45. Inapplicable

46. Comparison with Existing Maps

Comparison was made with the following USGS Quadrangles:

Bayard, Fla.	1964	Photorevised	1970,	Scale	1:24,000
Arlington, Fla.	1963	"	"	"	"
Orange Park, Fla.	1964	"	"	"	"
Jacksonville, Fla.	1964	"	"	"	"

47. Comparison with Nautical Charts

11491 16th Edition, April 21, 1979, Scale 1:20,000

11492 11th Edition, October 29, 1977, Scale 1:40,000

Submitted by,

James E. Schad
James E. Schad

Approved and Forwarded:

Frank A. Wright
F. Wright
Chief, Coastal Mapping Section

FIELD EDIT REPORT
TP-01000 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-8427 and 79ZC-8941 were used. One beacon was identified on photo number 79ZC-8941.

ACCURACY OF COMPILATION

Adequate after application of field edit information.

GEOGRAPHIC NAMES

N/A

MANUSCRIPT ACCURACY

N/A

RECOMMENDATIONS

N/A

NAVIGATION

N/A

TRANSMITTAL OF DATA

All sent to Coastal Mapping Division Norfolk, Va.

James E. Dunford
James E Dunford
Photo Party 62

REVIEW REPORT

TP-01000

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.

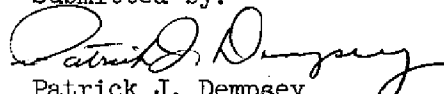
64. Comparison With Contemporary Hydrographic Surveys - None65. Comparison With Nautical Charts

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

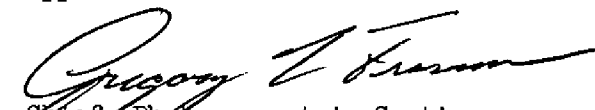
66. Adequacy of Results and Future Surveys

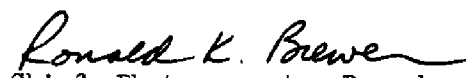
This map complies with the Project Instructions and meets the requirements for National Standards of Map Accuracy.

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-01000

Acosta Bridge	Miller Creek
Arlington	Miramar Terrace
Arlington River	Mulberry Cove
Avondale	New Rose Creek
Beauclerc Bluff	Oakwood Villa
Beauclerc Gardens	Orange Park
Black Point	Orange Park Landing
Bluff Landing	Ortega
Big Fishweir Creek	Ortega Bridge
Brooklyn	Ortega Farms
Butcher Pen Creek	Ortega Forest
Casa Linda Lake	Ortega Hills (Ppl)
Cedar Hills (Ppl)	Ortega Terrace
Cedar Hills Estates	Ortega River
Cedar River	Piney Point
Christopher Creek	Pirates Cove
Christopher Point	Plummers
Commodore Point	Plummers Cove
Craig Creek	Plummers Point
Dewey Park (Ppl)	Point La Vista
Empire Point	Pottsburg Creek
Exchange Island	Riverside
Fishing Creek	Sadler Point
Florida East Coast (RY)	St. Johns River
Fuller Warren Bridge	St. Johns Park (Ppl)
Goodbys	St. Nicholas
Goodbys Creek	San Jose
Hendricks Point	San Marco
Hogan	Seaboard Coast Line (RR)
Holiday Hill	Silversmith Creek
Hyde Park (Ppl)	South Jacksonville
Jacksonville	Spring Glen
Jacksonville Naval Air Station	Strawberry Creek
Lake Shore (Ppl)	Timuquan Bridge
Lakewood	Venetia
Little Fishweir Creek	Venetia Terrace
Little Pottsburg Creek	Wesconnett
Main Street Bridge	Williamson Creek
Marco Lake	Wills Branch
Mathews Bridge	Winter Point
McCoy Creek	Yukon

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


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* SVY TP-01000 * RPT UNIT CMD, ROCKVILLE, MD. * PAGE 12 OF 6 *
* JOB CM7816 * NONFLOATING AIDS FOR CHARTS * STATE FLORIDA *
* PRJ 833205 * TO BE CHARTED * LOCALITY ORTEGA * ORIGINATING ACTIVITY *
* DIM NA1927 * DATE 03/10/80 * * COMPILATION *
*
* THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS *
*
* DESCRIPTION * POSITION CMD * METHOD AND DATE * CHARTS *
* CHARTING * RECORD REASON FOR DEFECTION * LATITUDE DM ALTEK * OF LOCATION * CHARTS *
* NAME * PUT TRIANGULATION NAMES IN ( ) * LONGITUDE DP DGTZO * 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. JOHNS RIVER *
*
* RGE R * CITY LIMITS RANGE REAR LIGHT * 30 19 51.90 1598.1 * 79ZC9007 *
* LIGHT * * 81 36 49.38 1319.1 * 03/11/79 * 11491 *
*
* LIGHT * WINTER POINT LIGHT 2 * 30 17 46.90 1444.2 NOT * 79CP8584 * 11491 *
* 2 * * 81 40 42.48 1135.2 DGTZO * 03/07/79 * 11492 *
*
* LIGHT * WINTER POINT LIGHT 3 * 30 17 47.72 1469.4 NOT * 79CP8584 * 11491 *
* 3 * * 81 40 26.30 702.8 DGTZO * 03/07/79 * 11492 *
*
* LIGHT * ORTEGA RIVER LIGHT 3 * 30 17 04.86 149.7 * 79CP8584 * 11491 *
* 3 * * 81 42 07.16 191.4 * 03/07/79 * 11492 *
*
* LIGHT * CHRISTOPHER POINT LIGHT 5 * 30 15 07.56 232.8 NOT * 79CP8427 * 11491 *
* 5 * * 81 39 28.50 761.9 DGTZO * 03/07/79 * 11492 *
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LISTING
PHOTOGRAMMETRY DIVISION

* SVY	TP-01000	* LANDMARKS FOR CHARTS	* RPT UNIT	CMD, ROCKVILLE, MD.	* PAGE 4 OF 6	* *
* JOB	CM7816	* LANDMARKS FOR CHARTS	* STATE	FLORIDA		* *
* PRJ	833205	* TO BE CHARTED	* LOCALITY	ORTESA		* ORIGINATING ACTIVITY*
* DTM	NA1927	* *	* DATE	03/10/80		* * 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	OF LOCATION	* CHARTS *
* NAME *	PUT TRIANGULATION NAMES IN ()	* *	LONGITUDE	OP	OFFICE *	* AFFECTED *

* *	*	30	19	43.68	1345.0	* 77CP8428	* V-VIS	* 11491
* *	*	81	39	21.02	561.5	* 03/07/79	* 02/28/80	* 11492
SPIRE								

[illegible][illegible][illegible][illegible]

* * *	TV	*
* *	30	18 46.52
* *	81	38 59.46
		1432.5
		77CP8428 *
		V-VIS *
		11491 *
		11492 *
		02/26/80 *
		03/07/79 *
		1588.6

* *	* 30	18	17.10	526.6	* 77CP8428	* V-VIS	* 11491
* *	* 81	37	48.90	1306.6	* 03/07/79	* 02/26/80	* 11492

[illegible]

* * *	CLUB *	* 30 15 08.39	* 79CP8940 *	V-VIS	* 11491 *
* * *	HOUSE *	* 81 41 23.69	* 03/11/79 *	02/28/80	* 11492 *

* * *		*	30	15	29.40	905.3	NOT	*	79CP8427	*	V-VIS	*	*
TANK	*	*	81	38	23.18	614.7	OGEZD*	*	03/07/79	*	02/26/80	*	11492

