TP-01004

TP-01004

NOAA FORM 76-35
(3-76)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT

Map No. TP-01004	*Edition No.* 1
Job No. CM-7816	
Map Classification Final Field Edited	
Type of Survey Shoreline	

LOCALITY

State Florida

General Locality Jacksonville

Locality Green Cove Springs to Tocoi

1979 TO 1980

REGISTRY IN ARCHIVES

DATE

*U.S. GOVERNMENT PRINTING OFFICE:1976-669-248

NOAA FORM 76-36A (3-72) — U. S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY
- [X] ORIGINAL
- [ ] RESURVEY
- [ ] REVISED

SURVEY TP- 01004
MAP EDITION NO. (1)
MAP CLASS Final field edited
JOB ~~PH~~CM-7816

PHOTOGRAMMETRIC OFFICE: Rockville, Md.

OFFICER-IN-CHARGE: Cmdr. James Collins

LAST PRECEEDING MAP EDITION
TYPE OF SURVEY
- [ ] ORIGINAL
- [ ] RESURVEY
- [ ] 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 1978

II. DATUMS

1. HORIZONTAL: [X] 1927 NORTH AMERICAN — OTHER (Specify)

2. VERTICAL: [X] MEAN HIGH-WATER; [X] MEAN LOW-WATER; [ ] MEAN LOWER LOW-WATER; [ ] 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	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 COMPILATION	PLANIMETRY BY	R. Travis	Jan 1980
	CHECKED BY	C. Lewis	Mar 1980
INSTRUMENT: Wild B-8	CONTOURS BY	N/A	
SCALE: 1:20,000	CHECKED BY		
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	C. Papke	Feb 1980
	CHECKED BY	C. Lewis	Mar 1980
METHOD: Graphic	CONTOURS BY	N/A	
	CHECKED BY		
SCALE: 1:20,000	HYDRO SUPPORT DATA BY	N/A	
	CHECKED BY		
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	D. Brant	Mar 1980
6. APPLICATION OF FIELD EDIT DATA	BY	F. Wright	April 1980
	CHECKED BY	C. Lewis	April 1980
7. COMPILATION SECTION REVIEW	BY	F. Wright	June 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 76-36A — SUPERSEDES FORM C&GS 161 SERIES

* U.S. G.P.O. 1972-769382/582 REG.#6

NOAA FORM 76-36B
(3-72)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

COMPILATION SOURCES TP-01004

1. COMPILATION PHOTOGRAPHY

CAMERA(S): Wild RC-10

TIDE STAGE REFERENCE
- ☐ PREDICTED TIDES
- ☐ REFERENCE STATION RECORDS
- ☒ TIDE CONTROLLED PHOTOGRAPHY

TYPES OF PHOTOGRAPHY LEGEND
- (C) COLOR
- (P) PANCHROMATIC
- (I) INFRARED

TIME REFERENCE
ZONE: Eastern ☒ STANDARD
MERIDIAN: 75th ☐ DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
79 CP 8420-8422	7 Mar 79	1029	1:60,000	The Stage of tide is inapplicable for this photography
79 CP 8576-8579	7 Mar 79	1342	1:60,000	
79 ZC 8954 & 8955	11 Mar 79	1443	1:20,000	
79 ZC 9265-9276	11 Mar 79	1237	1:20,000	
79 CR 8809-8811	9 Mar 79	1330	1:60,000	Refer to NOAA Form 76-36B(1) for Tide Data
79 CR 0360	28 Mar 79	1623	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 mean low water compiled on this map as it coincides with mean high water 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-01002	No Contemporary Survey	TP-01006	No Contemporary Survey

REMARKS
Final junctions will be made in 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 - 01004

LOCATION AND PHOTOGRAPHY	TIDE STATIONS *(In operation at time of photography)*	STAGE OF TIDE	MEAN RANGE
79 CR 8809-8811	Tocoi (MHW)	-0.43	
79 CR 0360	Jacksonville NAS (MHW)	-0.33	

REMARKS:

NOAA FORM 76-36C
(3-72)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION ☒ FIELD EDIT OPERATION

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		R. S. Tibbetts	3/28/80
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	3/28/80
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION — BY		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY		
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY		

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION NAME

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS *(Clarification of details)*

79 CP 8421, 8422, [redacted] 8578 and 8420

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME

PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☐ NONE

6. 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)*

*U.S. GOVERNMENT PRINTING OFFICE:1977-765-092

NOAA FORM 76-36D
(3-72)

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

RECORD OF SURVEY USE

TP-01004

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
4		22 AUG 80	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

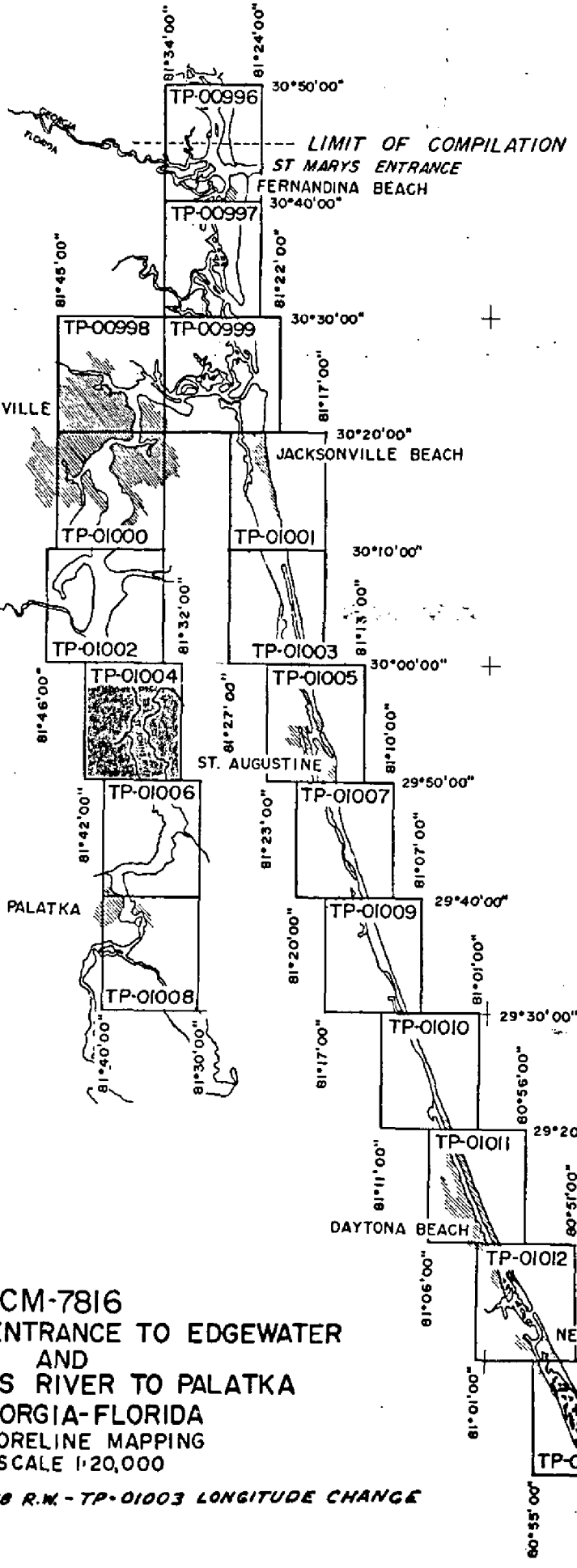
1. [X] BRIDGING PHOTOGRAPHS; [X] DUPLICATE BRIDGING REPORT; [X] COMPUTER READOUTS.
2. [X] CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
3. [X] SOURCE DATA *(except for Geographic Names Report)* AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:

4. [X] DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS *(This section shall be completed each time a new map edition is registered)*

	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY
SECOND EDITION	TP - _____ (2)	PH - _____	☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐II. ☐III. ☐IV. ☐V. ☐FINAL
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH- _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐II. ☐III. ☐IV. ☐V. ☐FINAL
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐II. ☐III. ☐IV. ☐V. ☐FINAL

* U.S. G.P.O. 1972-769380/548 REG.#6



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-01004

Coastal Zone Map TP-01004 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. ~~AERIAL~~ AREAL 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 Tocoi, 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.

Pt. No.	Film Distortion Correction		No Film Distortion Correction	
	X	Y	X	Y
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,

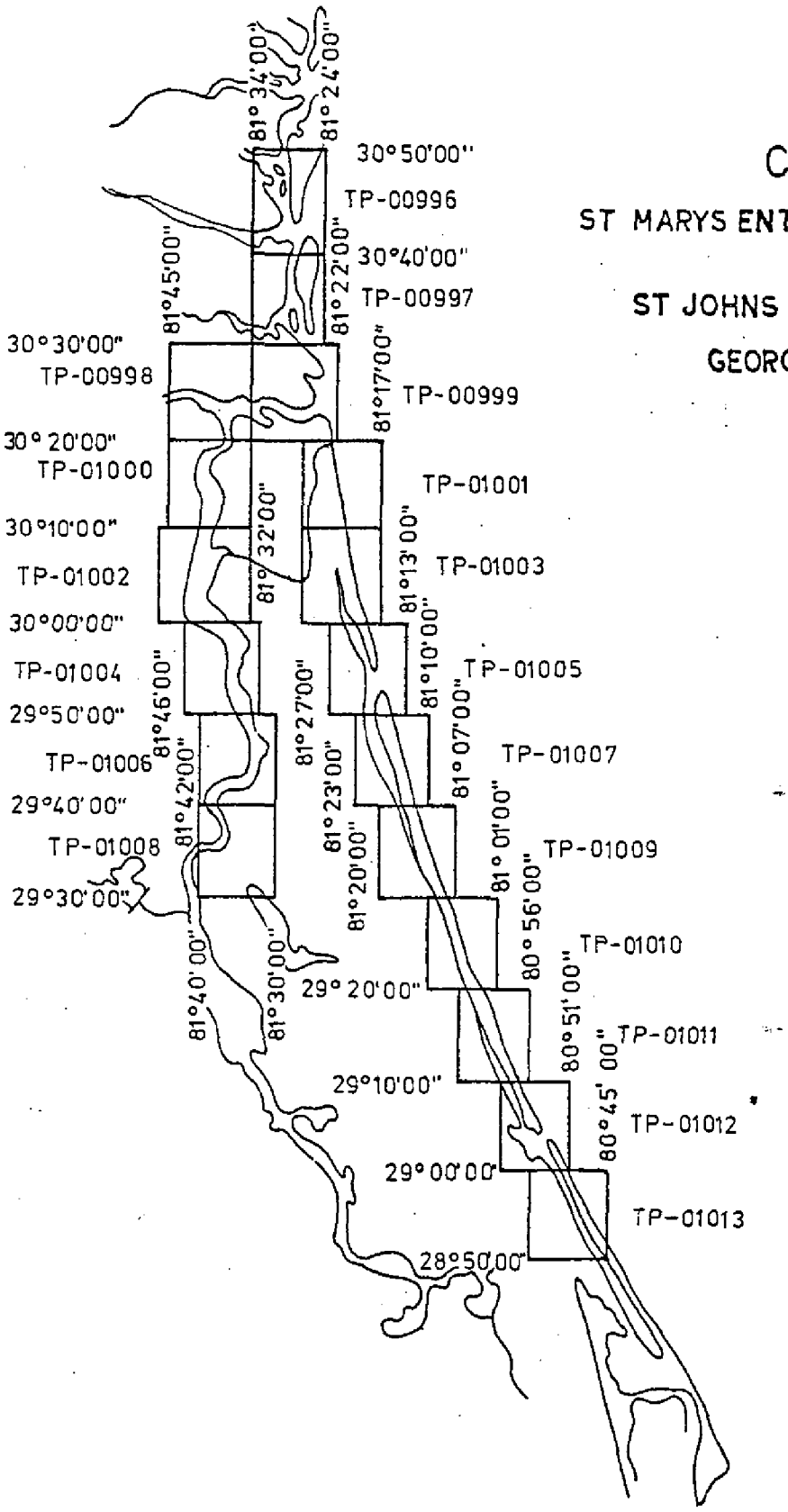
Robert B. Kelly

Robert B. Kelly

Approved and Forwarded:

Don O. Norman

Don O. Norman
Chief, Aerotriangulation Section



CM-7816

ST MARYS ENTRANCE TO EDGEWATER AND ST JOHNS RIVER TO PALATKA

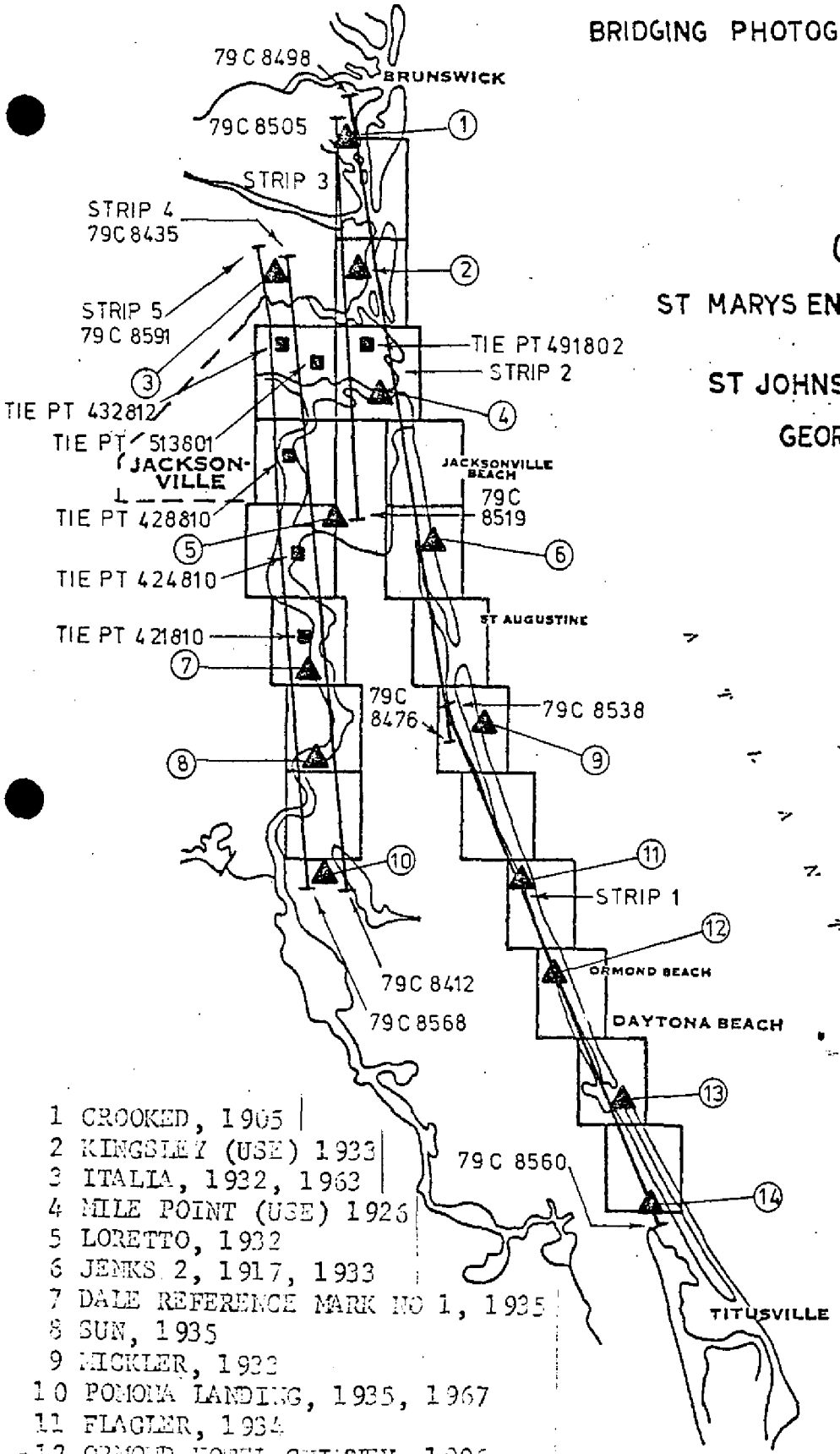
GEORGIA - FLORIDA

BRIDGING PHOTOGRAPHY

CM-7816

ST MARYS ENTRANCE TO EDGEWATER AND ST JOHNS RIVER TO PALATKA

GEORGIA - FLORIDA



1 CROOKED, 1905
2 KINGSLEY (USE) 1933
3 ITALIA, 1932, 1963
4 MILE POINT (USE) 1926
5 LORETTO, 1932
6 JENKS 2, 1917, 1933
7 DALE REFERENCE MARK NO 1, 1935
8 SUN, 1935
9 MICKLER, 1932
10 POMONA LANDING, 1935, 1967
11 FLAGLER, 1934
12 ORMOND HOTEL CHIMNEY, 1906
13 GINLET, 1956
14 SHILOH, 1934

CLOUSURES 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

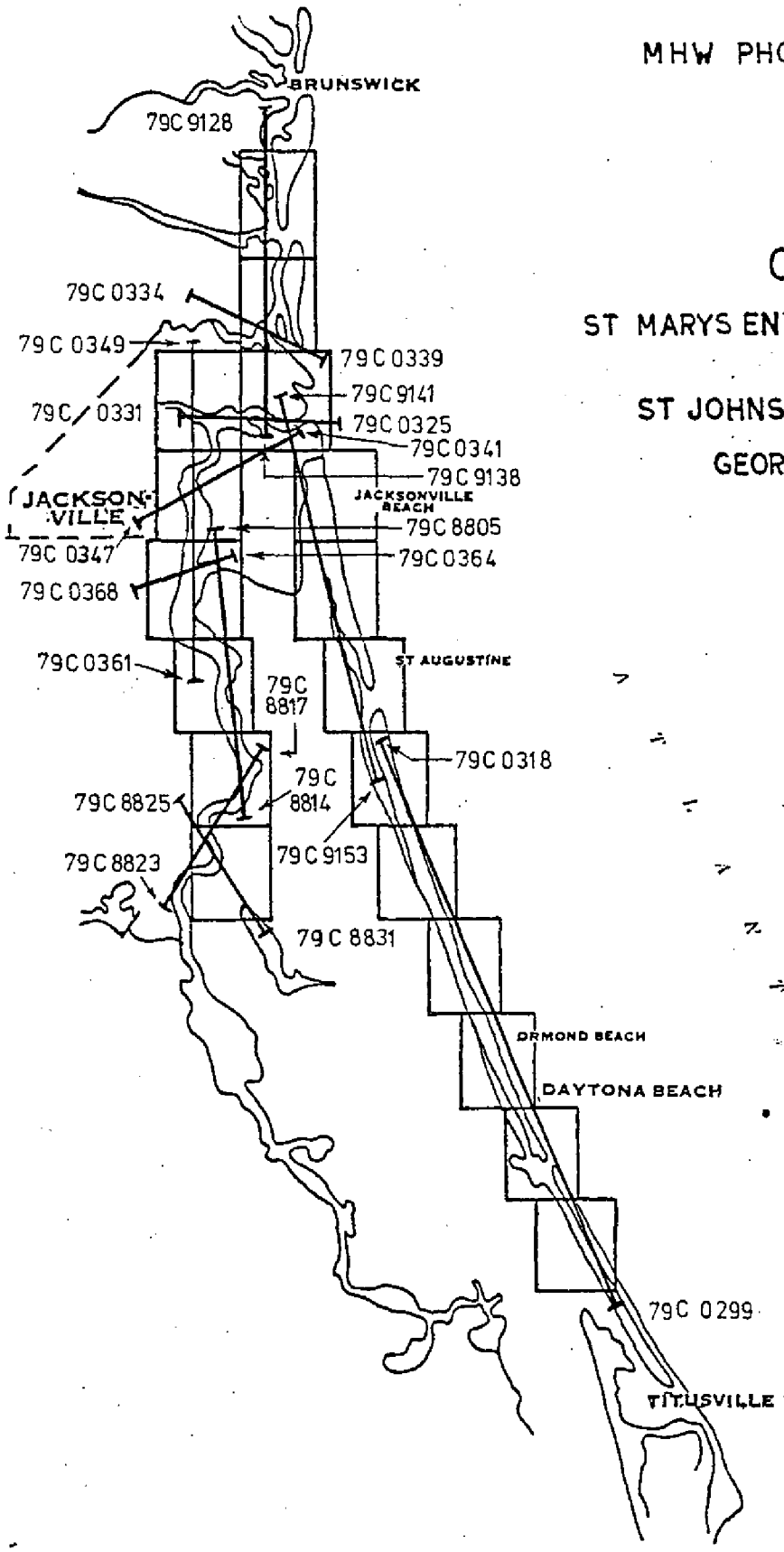
413101	POMONA LANDING, 1935, 1967 SUB. PT.	0.0, 0.0
573101	SUN, 1935 SUB. PT.	0.0, 0.0
576101	DALE RM 1, 1935	0.0, 0.0
421810	TIE FROM STRIP 4	13.7, 6.9
424810	TIE FROM STRIP 4	0.0, 0.0
428810	TIE FROM STRIP 4	0.0, 0.0
432810	TIE FROM STRIP 4	0.0, 0.0
590101	ITALIA RM 2, 1932	0.0, 0.0

MHW PHOTOGPAPHY

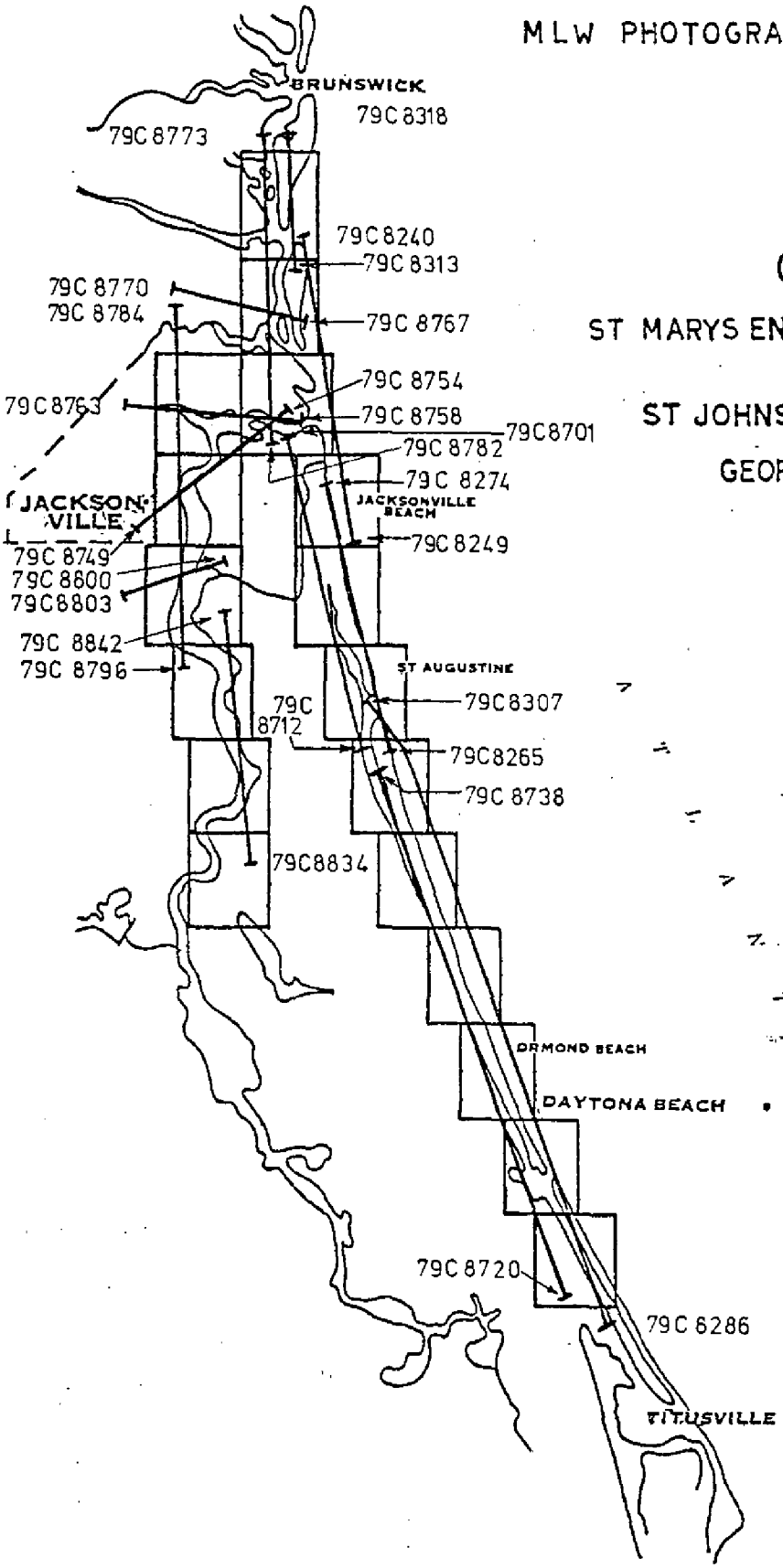
CM-7816

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-01004
February 1980

31. Delineation

Most 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 scale panchromatic photography. This photography was controlled by map points determined by aerotriangulation.

The interior planimetry and alongshore cultural features, on both sides of the St. Johns river from Green Cool Springs to just below Smith Point was compiled from a model set on the B-8 stereoplotter using the 1:60,000 scale panchromatic photography.

The MHW line was compiled from 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

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 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 5 landmarks and 5 fixed aids located during bridging and compilation of this map. Four of the aids that have triangulation positions were referred to the field editor as positions differ.

38. Control for Future Surveys - None

39. Junctions

Refer to NOAA Form 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 Instruction PH-7000.

41. thru 45. Inapplicable

46. Comparison with Existing Maps

Comparison was made with the following USGS quadrangle maps:

Green Cove Springs, Fla., 1949, Photo revised 1970, Scale 1:24,000
Pecolata, Fla., 1949, Photo revised 1970, Scale 1:24,000
Riverdale, Fla., 1949, Photo revised 1970, Scale 1:24,000
Bostwick, Fla., 1949, Photo revised 1970, Scale 1:24,000

47. Comparison with Nautical Charts

Comparison was made with the following Nautical Chart:

11492,11th Edition, Oct. 29, 1977

Items to be applied to Nautical Charts immediately: None

Items to be carried forward: None

Submitted by

Charles W. Papke

Approved and Forwarded:

F. Wright
Chief, Coastal Mapping Section

FIELD EDIT REPORT

TP 01004 CM 7816

METHOD

The field edit was made according to the Coastal Mapping Instructions dated 1-30-78. The manscript was inspected and all questions answered. The field edit was made by driving to some areas in question and from a skiff run close to shore. One discrepancy print and four photographs, numbers 79 CP 8420, 8421, 8422 and8578 were used.

ACCURACY OF COMPILATION

Adequate after application of field edit information.

GEOGRAPHIC NAMES

N/A

MANSCRIPT ACCURACY

N/A

RECOMMENDATIONS

None

NAVIGATION

None

TRANSMITTAL OF DATA

All data sent to Coastal Mapping Division, Norfolk, Va.

James E. Dunford
Photo Party 62

REVIEW REPORT

TP-01004

May 1984

61. General Statement

Refer to the Summary bound with this Descriptive Report.

62. Comparison With Registered Topographic Surveys - None

63. Comparison With Maps of Other Agencies

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

64. Comparison With Contemporary Hydrographic Surveys - None

65. Comparison With Nautical Charts

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

66. Adequacy of Results and Future Surveys

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

Submitted by:

Patrick J. Dempsey
Cartographer

Approved and Forwarded:

Chief, Photogrammetric Section

Ronald K. Brewer
Chief, Photogrammetry Branch

May 22, 1979

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-01004

Bayard Point
Brewers Landing
Clark Creek
Colee
Colee Cove
Ferreira Point
Florence
Florence Cove
Florence Point
Governors Creek
Green Cove Springs
Hogarths Landing
Jack Wright Island
Lane Landing
Little Florence Cove
Magnolia Landing
Magnolia Point
Pacetti Pt.
Palmo
Palmo Cove
Paines Branch
Picolata
Puerto Rico Cove
Red Bay
Red Bay Point
St. Johns River
Seaboard Coast Line (RR)
Silano Cove
Silano Point
Sixmile Creek
Smith Point
Sulphur Spring Cove
Tocoi
Tocoi Creek
Tocoi Point
Trout Creek
Wateroak Point
Watson Island
Wards Creek
West Tocoi
Willis Point

Approved by:

Charles E. Harrington

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

76-80 LISTING | PHOTOGRAMMETRIC BRANCH PHOTOGRAMMETRY DIVISION | NATIONAL OCEAN SURVEY NOAA DEPARTMENT OF COMMERCE USA | DATATAB VERSION 782707

SVY TP-01004	RPT UNIT CMD, ROCKVILLE, MD.	PAGE 1 OF 4	
JOB CM7816	STATE FLORIDA		
PRJ 833205	LOCALITY ST. JOHNS RIVER	ORIGINATING ACTIVITY	
DTM NA1927	DATE 04/14/80	COMPILATION	

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

KEY FOR ENTRIES UNDER METHOD AND DATE OF LOCATION

OFFICE

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
   KEY TO SYMBOLS

F-FIELD	P-PHOTOGRAMMETRIC
L-LOCATED	VIS-VISUALLY
V-VERIFIED	
1-TRIANGULATION	5-FIELD IDENTIFIED
2-TRAVERSE	6-THEODOLITE
3-INTERSECTION	7-PLANETABLE
4-RESECTION	8-SEXTANT

   A. FIELD POSITIONS* SHOW THE METHOD OF LOCATION AND DATE OF FIELD WORK.
   EXAMPLE F-2-6-L
   8-12-76

*FIELD POSITIONS ARE DETERMINED BY FIELD OBSERVATIONS BASED ENTIRELY UPON GROUND SURVEY METHODS

FIELD (CONT'D)

   B. PHOTOGRAMMETRIC FIELD POSITIONS** SHOW THE METHOD OF LOCATION OR VERIFICATION, DATE OF FIELD WORK AND NUMBER OF PHOTOGRAPH USED TO LOCATE AND IDENTIFY THE OBJECT.
   EXAMPLE P-8-V
   8-12-77
   74L(C)2982

2. TRIANGULATION STATION RECOVERED
   WHEN A LANDMARK OR AID WHICH IS ALSO A TRIANGULATION STATION IS RECOVERED, A TRIANG. REC. WITH DATE OF RECOVERY IS SHOWN.
   EXAMPLE TRIANG. REC.
   8-12-76

3. POSITION VERIFIED VISUALLY ON PHOTOGRAPH SHOWN BY 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.

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.

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

SVY TP-01004		RPT UNIT CMD, ROCKVILLE, MD.	PAGE 2 OF 4
JOB CM7816	NONFLOATING AIDS FOR CHARTS	STATE FLORIDA	
PRJ 833205	TO BE CHARTED	LOCALITY ST. JOHNS RIVER	ORIGINATING ACTIVITY
DTM NA1927		DATE 04/14/80	COMPILATION

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

CHARTING NAME	DESCRIPTION RECORD REASON FOR DELETION PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE LONGITUDE	OM DP	CMD ALTEK DGTZD	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS 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 22	RED BAY POINT LIGHT 22	29 58 29.20 81 36 43.58	899.1 1168.3	NOT DGTZD	79ZC9267 03/15/79		11492
LIGHT 24	BAYARD POINT LIGHT 24	29 56 15.17 81 36 02.81	467.1 75.4	NOT DGTZD	79ZC9270 03/15/79		11492
LIGHT 25	PICOLATA FLATS LIGHT 25	29 55 13.08 81 36 02.86	402.7 76.7	NOT DGTZD	79ZC9271 03/15/79		11492
RGE F LIGHT	TOCOI CUT RANGE FRONT LIGHT	29 51 46.54 81 35 00.81	1433.0 21.7	NOT DGTZD	79ZC9274 03/15/79		11492
RGE R LIGHT	TOCOI CUT RANGE REAR LIGHT	29 52 26.17 81 35 17.35	805.8 465.6	NOT DGTZD	79ZC9274 03/15/79		11492

76-40 LISTING

PHOTOGRAMMETRIC BRANCH
PHOTOGRAMMETRY DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATATAB VERSION 782707

SVY TP-01004		RPT UNIT CMD, ROCKVILLE, MD.	PAGE 3 OF 4		
JOB CM7816	LANDMARKS FOR CHARTS	STATE FLORIDA			
PRJ 833205	TO BE CHARTED	LOCALITY ST. JOHNS RIVER	ORIGINATING ACTIVITY		
DTM NA1927		DATE 04/14/80	COMPILATION		

THE FOLLOWING OBJECTS HAVE BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS

CHARTING NAME	DESCRIPTION RECORD REASON FOR DELETION PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE LONGITUDE	UM DP	CMD ALTEK DGTZD	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS AFFECTED
TANK		29 58 53.73 81 40 15.55	1654.4 416.9	NOT DGTZD	79CP8579 03/07/79	V-VIS 03/25/80	11492
TANK		29 58 56.62 81 39 34.11	1743.4 914.4	NOT DGTZD	79CP8578 03/07/79	V-VIS 03/25/80	11492
TANK		29 58 46.83 81 39 23.48	1441.9 629.4	NOT DGTZD	79CP8578 03/07/79	V-VIS 03/25/80	11492
TANK		29 59 31.70 81 41 06.05	976.1 162.2	NOT DGTZD	79CP8578 03/07/79	V-VIS 03/25/80	11492
SILO		29 58 51.80 81 33 27.95	1595.0 749.3	NOT DGTZD	79CP8422 03/07/79	V-VIS 03/25/80	11492

76-40 LISTING | PHOTOGRAMMETRIC BRANCH, PHOTOGRAMMETRY DIVISION | NATIONAL OCEAN SURVEY NOAA, DEPARTMENT OF COMMERCE USA | DATATAB VERSION 782707

SVY TP-01004	LANDMARKS FOR CHARTS TO BE DELETED	RPT UNIT CMD, ROCKVILLE, MD.	PAGE 4 OF 4
JOB CM7816		STATE FLORIDA	
PRJ 833205		LOCALITY ST. JOHNS RIVER	ORIGINATING ACTIVITY
DTM NA1927		DATE 04/14/80	COMPILATION

THE FOLLOWING OBJECTS HAVE BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS

CHARTING NAME	DESCRIPTION RECORD REASON FOR DELETION PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE LONGITUDE	DM DP	CMD ALTEK DGTZD	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS AFFECTED
SPIRE.	OBSCURED BY TREES	29 59 54.00 81 40 43.00	1662.7 1152.5	NOT DGTZD		03/25/80	11492

FORM C&GS 8352
(3-25-63)

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. ____________

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.
1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

CHART	DATE	CARTOGRAPHER	REMARKS
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
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			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.

FORM C&GS-8352 SUPERSEDES ALL EDITIONS OF FORM C&GS-975.

USCOMM-DC 8558-P63