

TP-01011

TP-01011

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. TP-01011	Edition No. 1
Job No. CM-7816	
Map Classification Final Field Edited	
Type of Survey Shoreline	
LOCALITY	
State Florida	
General Locality Daytona Beach	
Locality Ormond Beach to South Daytona	
19 TO 19 79	
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. <u>01011</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>PH-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-700 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: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN				OTHER (Specify)			
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input 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 1:20,000				STATE		ZONE	
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION METHOD: <u>Analytic</u>				BY <u>R. Kelly</u>		<u>June 1979</u>	
LANDMARKS AND AIDS BY				<u>N/A</u>			
2. CONTROL AND BRIDGE POINTS METHOD: <u>Coradomat</u>				PLOTTED BY <u>J. Taylor</u>		<u>May 1979</u>	
CHECKED BY				<u>N/A</u>			
3. STEREOSCOPIC INSTRUMENT COMPILATION				PLANIMETRY BY <u>N/A</u>			
INSTRUMENT:				CHECKED BY			
SCALE:				CONTOURS BY <u>N/A</u>			
CHECKED BY							
4. MANUSCRIPT DELINEATION				PLANIMETRY BY <u>J. Schad</u>		<u>June 1979</u>	
METHOD: <u>Graphic</u>				CHECKED BY <u>P. Dempsey</u>		<u>July 1979</u>	
SCALE: <u>1:20,000</u>				CONTOURS BY <u>N/A</u>			
HYDRO SUPPORT DATA BY				CHECKED BY			
5. OFFICE INSPECTION PRIOR TO FIELD EDIT				BY <u>D. Brant</u>		<u>July 1979</u>	
6. APPLICATION OF FIELD EDIT DATA				BY <u>F. Wright</u>		<u>Jan 1980</u>	
CHECKED BY				<u>P. Dempsey</u>		<u>Jan 1980</u>	
7. COMPILATION SECTION REVIEW				BY <u>F. Wright</u>		<u>Feb 1980</u>	
8. FINAL REVIEW				BY <u>P. Dempsey</u>		<u>April 1984</u>	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH				BY			
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH				BY <u>P. Dempsey</u>		<u>April 1984</u>	
11. MAP REGISTERED - COASTAL SURVEY SECTION				BY <u>E. DAUGHERTY</u>		<u>NOV 1984</u>	

COMPILATION SOURCES

P-01011

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-10		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Eastern MERIDIAN 75°	
				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
79Z(C) 9389-9400	15 Mar 79	1402	1:20,000	The stage of tide is in - applicable for this photography. Refer to NOAA Form 76-36B(1) for tide data	
79(C)P 8549-51	7 Mar 79	1302	1:60,000		
79CR 307-09	28 Mar 79	1000	1:60,000		
79CR 8295-97	27 Feb 79	1248	1:60,000		
79CR 8727-30	9 Mar 79	1049	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.

Where the shoreline is obscured by vegetation the apparent shoreline symbol was used.

See Item 31, Compilation Report

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

The source of the MLW line on the ocean side is the tide coordinated infrared photography listed in Item 1 above.

There is no MLWL shown on the interior waters of this map because the MHWL and MLWL 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	TP-01010	EAST	None	SOUTH	TP-01012	WEST	None
-------	----------	------	------	-------	----------	------	------

REMARKS

Final junctions were made by 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 - 01011

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE	MEAN RANGE
79C ^R 0307-0309	Daytona Beach	-0.86 Outside	MHW
	Flagler Beach	-0.4 Inside	
	Ponce De Leon	-0.4 Inside	
79C ^R 8296-97	Daytona Beach	-0.15 Outside	MLW
79C ^R 8727-29	Ft. Matangas	-0.11	MLW
	Nat'l. Mon		
	Ponce DeLeon	+ .4 Inside	
	Flagler Beach	+ .56 Inside	

REMARKS:

HISTORY OF FIELD OPERATIONS

TP-01011

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. S. Tibbets	11/29/79
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	11/29/79
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	
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 8549, 8550, 8551, 8552.

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED Lights 12,16,23,26,43,45,47, Tanks- Holly Hill Tank, 1934, Seabreeze New Tank, Tank, Daytona Main WT 1947, Tank-Radio Tower WMFJ, Tower, Tower, Radio Mast WROD, Bldg, Ormond Hotel Chimney.

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☐ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☐ NONE

7. SUPPLEMENTAL MAPS AND PLANS

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

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

RECORD OF SURVEY USE

TP-01011

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Class III	June 1979			
Final	Feb 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 1980	Digitized forms (76-40) submitted

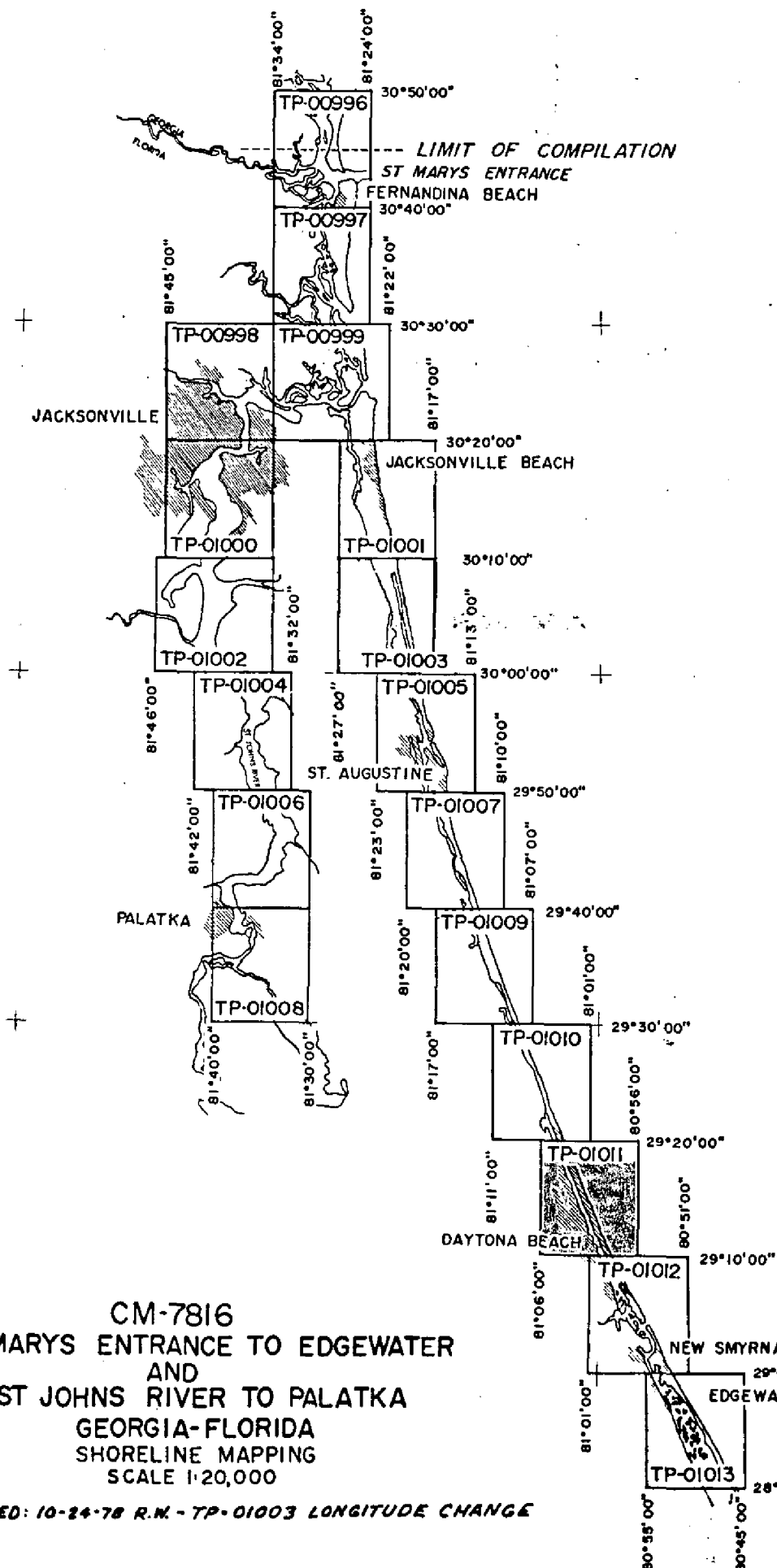
2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

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

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

SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT
TP-01011

Coastal Zone Map TP-01011 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 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, ratio photography taken with the Wild RC-10-C camera in February and 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 graphic methods.

Field edit was completed in November, 1979. 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.

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.

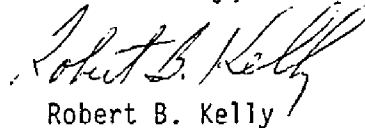
24. Supplemental Data

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


25. Photography

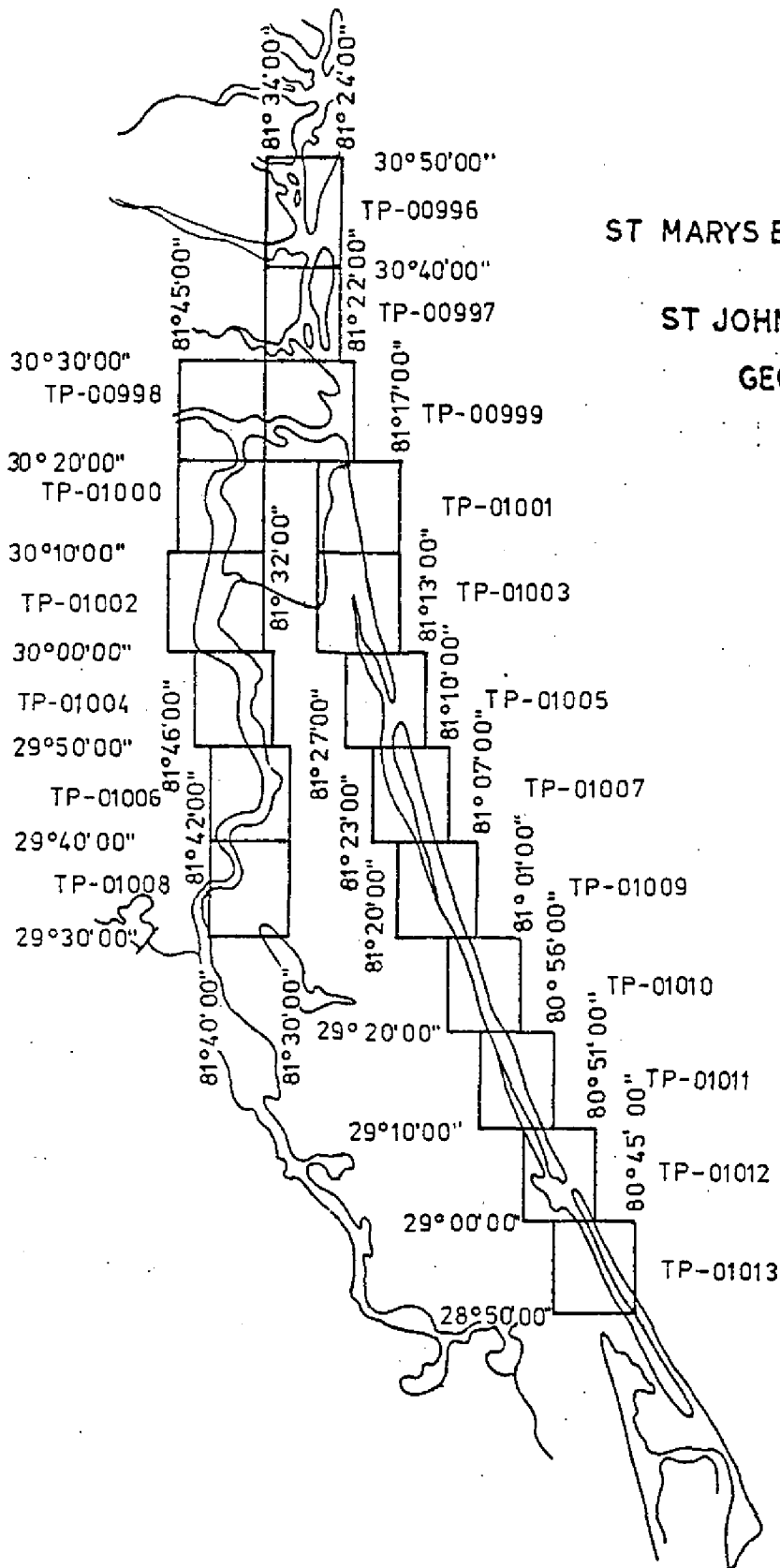
RC-10 black and white positives were adequate as to coverage and overlay. Definition was poor as in some areas double images of piers could be seen.

Submitted by,


Robert B. Kelly

Approved and Forwarded:


Don O. Norman
Chief, Aerotriangulation Section

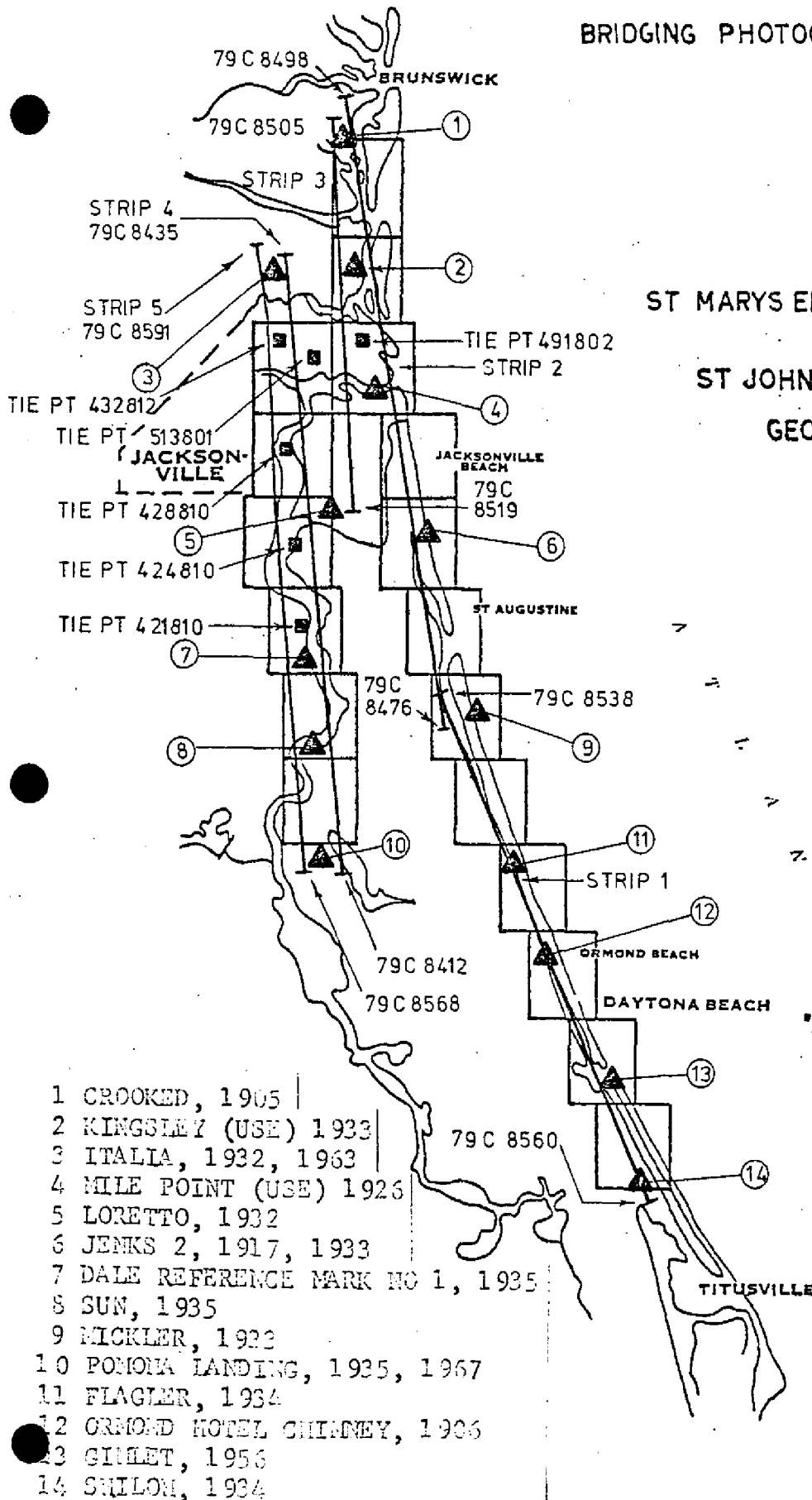


CM-7816
 ST MARYS ENTRANCE TO EDGEWATER
 AND
 ST JOHNS RIVER TO PALATKA
 GEORGIA - FLORIDA

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

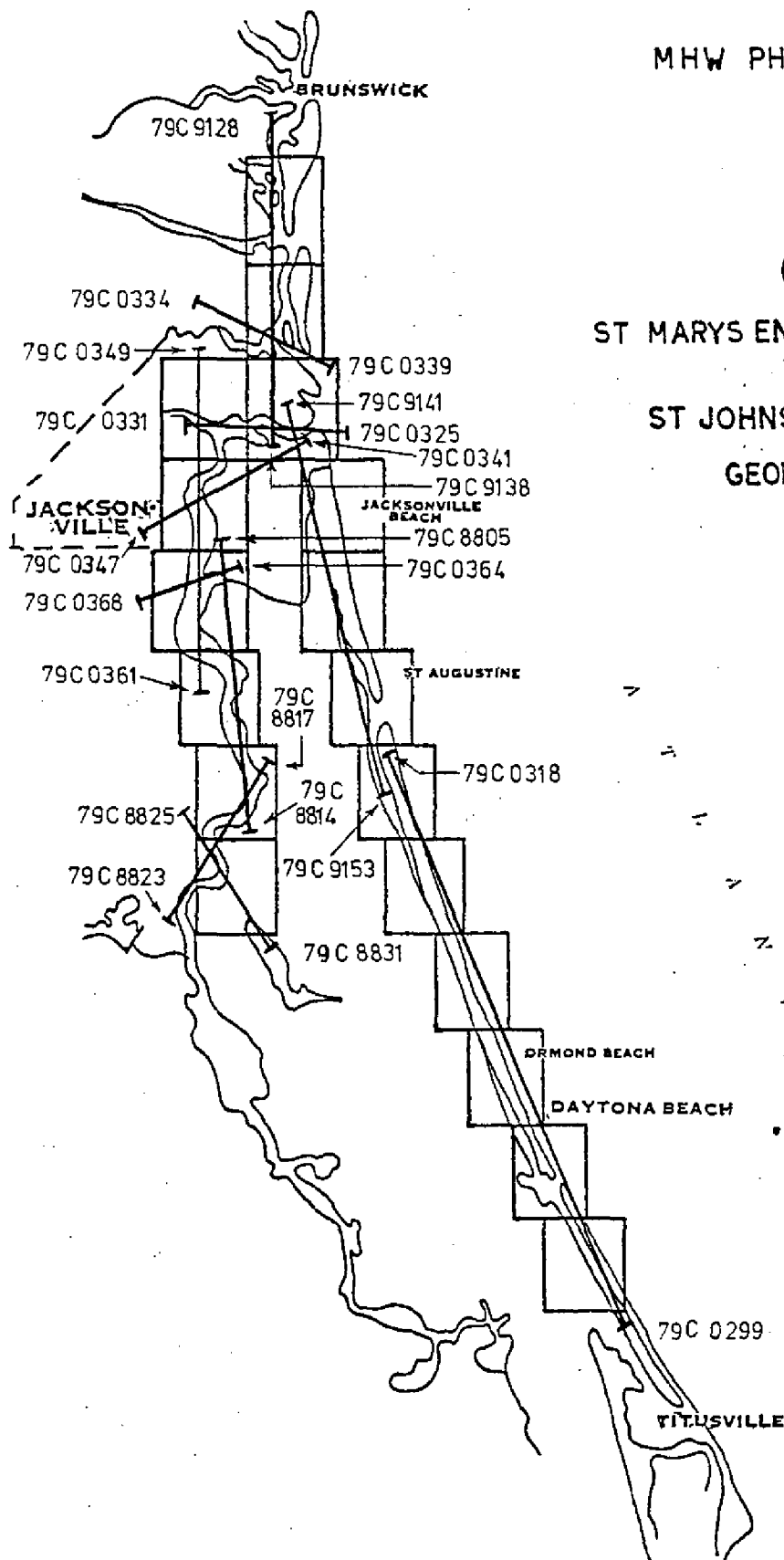
Strip 5

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

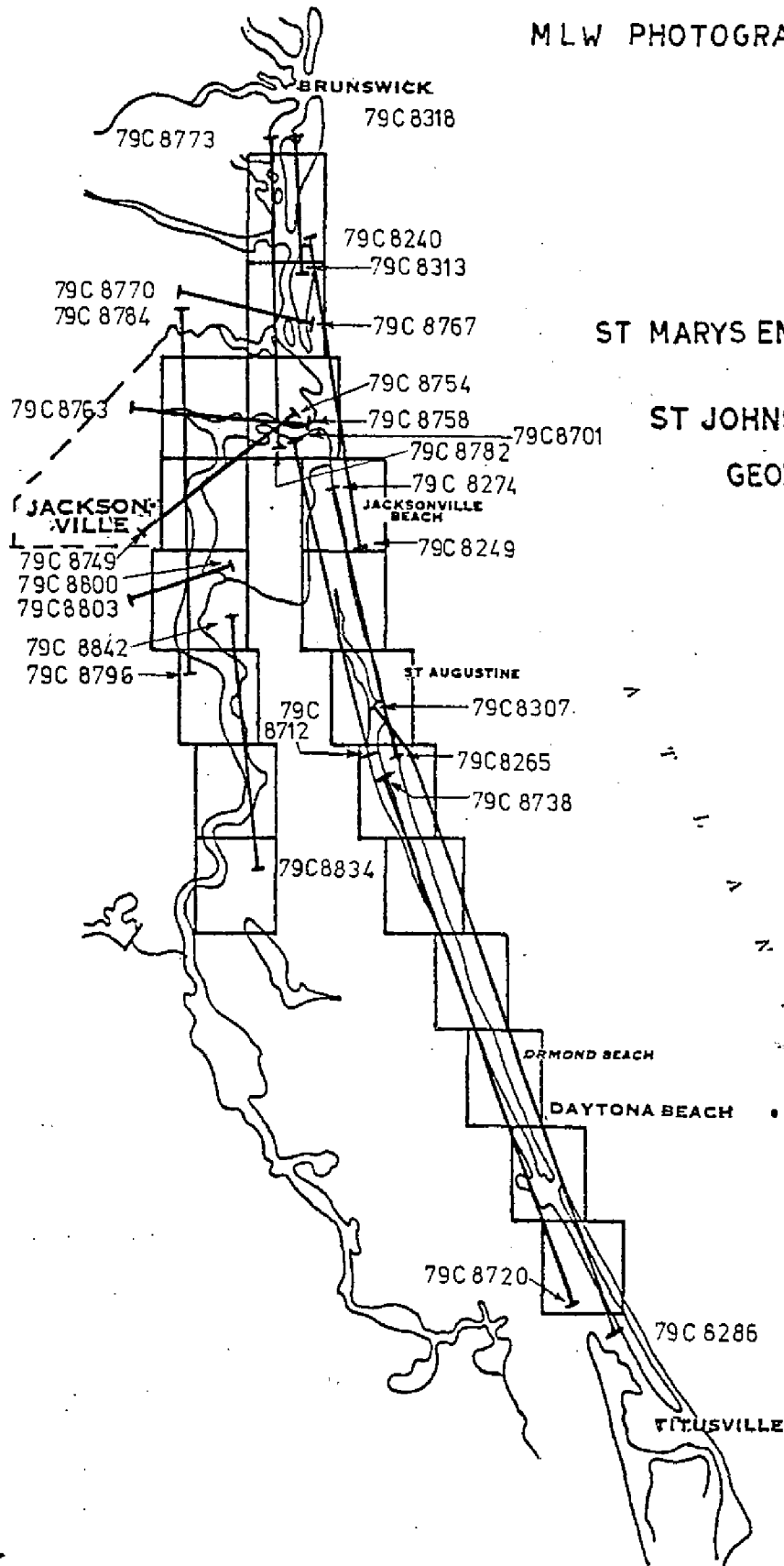
MHW PHOTOGRAPHY

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.	STATION NAME	JOB NO.	CM-7816	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		REMARKS
						STATE	ZONE	FLATITUDE	East	
TP-01011	Daytona, Main W. T., 1947	P C 182	551139			X=	492,099.45	ϕ	29° 12' 26.579"	
						Y=	1,771,625.38	λ	81° 01' 29.152"	
						X=	485,124.15	ϕ	29° 17' 26.09"	
	Ormond Hotel, Chimney, 1906	P C 173	549100			Y=	1,801,879.86	λ	81° 02' 47.99"	
						X=	487,594.83	ϕ	29° 14' 43.53"	
						Y=	1,785,460.09	λ	81° 02' 20.03"	
	Holly Hill Tank, 1934	P C 26	551136			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		
						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						COMPUTATION CHECKED BY				DATE
LISTED BY						LISTING CHECKED BY				DATE
HAND PLOTTING BY						HAND PLOTTING CHECKED BY				DATE

J. Schad

DATE
June 1979DATE
July 1979

Compilation Report

TP-01011

June 1978

31. Delineation

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

The MHW line in the Halifax River was compiled from office interpretation of the ratio, tide-coordinated black and white infrared photography. Profile points on the ocean side, pre-determined by the field editor, were used to compile the MHW line.

The MLW line on the ocean side was compiled from office interpretation of the ratio tide-coordinated black and white infrared photography.

The MLW line was not shown in the interior waters as both the MHW line and MLW line coincided at map scale.

32. Horizontal Control

Horizontal control was adequate. (See Photogrammetric Plot Report.)

33. Supplement Data

One tide station was plotted from a sketch furnished by tides and water level section. Three profile points showing pre-determined shoreline points were supplied by the field editor.

34. Contours and Drainage

Contours are not applicable. Drainage was compiled from office interpretation of tide-coordinated, black and white infrared ratio photos.

35. Shoreline and Alongshore Detail

Refer to Item 31. Numerous seawalls were delineated through office interpretation from the color 9 x 9 prints along the ocean side. These are to be verified by the field editor.

36. Offshore Detail

Offshore delineation consisted of channel areas only on this map.

37. Landmarks and Aids

Eleven landmarks were located. Seven by aerotriangulation methods and four by compilation section.

Seven nonfloating aids were located. Five by aerotriangulation section and two by compilation section.

38. Control for Future Surveys - None39. Junctions

Refer to NOAA Form 76-36B

40. Horizontal and Vertical Accuracy

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

41. thru 45. Inapplicable46. Comparison with Existing Maps

Ormond Beach, Fla., 1956	-	Photo	revised	1970	-	Scale	1:24,000
Daytona Beach, Fla., 1952	-	"	"	"	"	"	"
Port Orange, Fla., 1956		"	"	"	"	"	"

47. Comparison with Nautical Charts

11485 16th Edition, June 17, 1978 - 1:40,000 scale Inset
1:10,000 scale

11486 9th Edition, January 6, 1979 - 1:80,000 scale

Items to be applied to Nautical Charts immediately - None

Items to be carried forward - None

Submitted by,
James Schad
James Schad

Approved and Forwarded:

[Signature]
F. Wright
Acting Chief, Coastal Mapping Section

FIELD EDIT REPORT

TP-01011 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. One pier and one small bridge was located. The field edit of the outside shoreline was made by driving along the beach at low tide. The edit of the inside shoreline was made from a skiff run close to shore. One discrepancy print and six photographs numbers 79CP-8549-R, 8550-R, 8551-R, 8552-R, 79CR-0307 and 0308 were used.

ACCURACY OF COMPILATION

Adequate after application of field edit information.

GEOGRAPHY NAMES

N/A

MANUSCRIPT ACCURACY

N/A

RECOMMENDATIONS

None

NAVIGATION

None

TRANSMITTAL OF DATA

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

James E. Dunford
Photo Party 62

REVIEW REPORT

TP-01011

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.

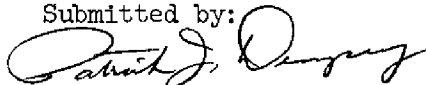
64. Comparison With Contemporary Hydrographic Surveys - None65. Comparison With Nautical Charts

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

66. Adequacy of Results and Future Surveys

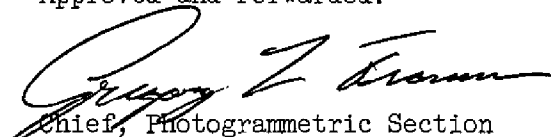
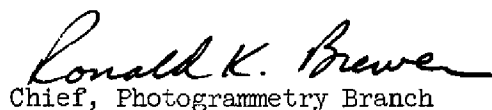
This map complies with the Project Instructions and meets the requirements for National Standards of Map Accuracy.

Submitted by:



Patrick J. Dempsey
Cartographer

Approved and Forwarded:


Chief, Photogrammetric Section
Chief, Photogrammetry Branch

May 25 1979

GEOGRAPHIC NAMES

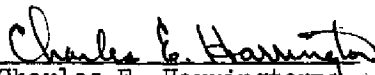
FINAL NAME SHEET

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

TP-01011

Atlantic Ocean	Ormond Beach
Carlton Blank Bridge	Ortona
Daytona Beach (Ppl)	Seabreeze Bridge
Daytona Beach Shores	South Bridge
Ellinor Village	South Daytona
Fairview Main St. Bridge	Tokoma River
Florida East Coast (RY)	Tokoma Estates
Halifax River	Seabreeze
Holly Hill (Ppl)	

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

PHOTOGRAMMETRIC BRANCH
PHOTOGRAMMETRY DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

* SVY TP-01011 *
* JOB CM7816 *
* PRJ 833205 *
* DTM NA1927 *

* RPT UNIT CMD, ROCKVILLE, MD. * PAGE 1 OF 4
* STATE FLORIDA *
* LOCALITY DAYTONA BEACH *
* DATE 07/01/80 *
* ORIGINATING ACTIVITY *
* COMPILATION *

* OBJECTS INSPECTED FROM SEAWARD *
* POSITIONS DETERMINED *
* AND/OR VERIFIED BY *
* FIELD AND OFFICE *
* ACTIVITIES *

JAMES E. DUNFORD * PHOTO FIELD PARTY
JAMES E. DUNFORD * FIELD REPRESENTATIVE
FRANK A. WRIGHT * OFFICE COMPILER
JAMES H. TAYLOR * DIGITIZER
JAMES H. TAYLOR * DATA PROCESSER

KEY FOR ENTRIES UNDER METHOD AND DATE OF LOCATION

* OFFICE

* FIELD (CONT'D)

1. OFFICE IDENTIFIED AND LOCATED OBJECTS.
THE NUMBER AND DATE (INCLUDING MONTH, DAY
AND YEAR) OF THE PHOTOGRAPH USED TO
IDENTIFY AND LOCATE THE OBJECT ARE SHOWN.
EXAMPLE 75E(C)6042
8-12-77

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

* FIELD

1. NEW POSITION DETERMINED OR VERIFIED

KEY TO SYMBOLS

F-FIELD
L-LOCATED
V-VERIFIED
P-PHOTOGRAMMETRIC
VIS-VISUALLY

1-TRIANGULATION
2-TRAVERSE
3-INTERSECTION
4-RESECTION
5-FIELD IDENTIFIED
6-THEODOLITE
7-PLANETABLE
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

** PHOTOGRAMMETRIC FIELD POSITIONS ARE
DEPENDENT ENTIRELY, OR IN PART, UPON CONTROL
ESTABLISHED BY PHOTOGRAMMETRIC METHODS.

* NOTE: WHERE THE NAME OF AN AID INCLUDES THE IMMEDIATE GEOGRAPHIC HEADING UNDER WHICH IT IS LISTED,
A DASH (-) IS USED TO INDICATE THE GEOGRAPHIC HEADING WHICH IS PART OF THE OFFICIAL NAME.

* SVY	TP-01011	*	* RPT UNIT	CMD, ROCKVILLE, MD.	*	PAGE	2 OF 4	*
* JOB	CM7816	*	* NONFLOATING AIDS FOR CHARTS	* STATE	FLORIDA	*		*
* PRJ	833205	*	* TO BE CHARTED	* LOCALITY	DAYTONA BEACH	* ORIGINATING ACTIVITY*		
* DTM	NA1927	*		* DATE	07/01/80	* COMPILATION		*
* THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS *								
* DESCRIPTION * POSITION CMD * METHOD AND DATE * CHARTING* RECORD REASON FOR DELETION * LATITUDE DN ALTEK* OF LOCATION * CHARTS *								
* NAME * PUT TRIANGULATION NAMES IN () * LONGITUDE DP DGTZD* OFFICE * FIELD *AFFECTED*								
* BRIDGING OR COMPILATION ARE SHOWN ON THIS MAP. *								
* ONLY THOSE NONFLOATING AIDS AND LANDMARKS TO NAVIGATION * * *								
* THAT WERE VISIBLE ON THE PHOTOGRAPHY AND LOCATED DURING * * *								
* MATANZAS INLET-MOSQUITO LAGOON * * *								
* HALIFAX RIVER * * *								
* -LIGHT	12	*	* 29 19 08.55	263.2	*	79CP8549	*	*
		*	* 81 03 51.73	1395.8	*	03/07/79	*	11485
* -LIGHT * * *								
* -LIGHT	16	*	* 29 17 50.82	1564.6	NOT *	79CP8550	*	*
		*	* 81 03 24.06	649.4	DGTZD*	03/07/79	*	11485
* -LIGHT * * *								
* -LIGHT	23	*	* 29 16 03.25	100.1	NOT *	79CP8550	*	*
		*	* 81 02 31.49	850.1	DGTZD*	03/07/79	*	11485
* -LIGHT * * *								
* -LIGHT	26	*	* 29 14 55.13	1697.3	NOT *	79CP8551	*	*
		*	* 81 01 57.86	1562.3	DGTZD*	03/07/79	*	11485
* -LIGHT * * *								
* -LIGHT	43	*	* 29 11 56.16	1729.0	NOT *	79CP8552	*	*
		*	* 81 00 12.40	335.0	DGTZD*	03/07/79	*	11485
* -LIGHT * * *								
* -LIGHT	45	*	* 29 11 24.72	761.1	NOT *	79CP8552	*	*
		*	* 80 59 55.46	1498.4	DGTZD*	03/07/79	*	11485
* -LIGHT * * *								
* -LIGHT	47	*	* 29 10 40.24	1238.9		79CP8551	*	*
		*	* 80 59 37.81	1021.6		03/07/79	*	11485

PHOTOGRAMMETRIC BRANCH
PHOTOGRAMMETRY DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATA TAB
VERSION
782707

* SVY	* TP-01011	* *	* RPT UNIT	* CMD, ROCKVILLE, MD.	* *	* PAGE	* 3 OF	* 4
* JOB	* CM7816	* *	* STATE	* FLORIDA	* *			
* PRJ	* 833205	* *	* LOCALITY	* DAYTONA BEACH	* *	* ORIGINATING	* ACTIVITY	
* DIM	* NA1927	* *	* DATE	* 07/01/80	* *	* COMPILATION		
* THE FOLLOWING OBJECTS HAVE BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS *								
* CHARTING*	* RECORD REASON FOR DELETION	* *	* POSITION	* CMD *	* METHOD AND DATE	* *		
* NAME *	* PUT TRIANGULATION NAMES IN () *	* *	* LATITUDE	* DM	* OF LOCATION	* *	* CHARTS *	
			* LONGITUDE	* UP	* OFFICE	* *	* FIELD	* AFFECTED *

* TANK *			* 29 10 30.98	953.8	NOT *	79CP8552 *	V-VIS	* 11485 *
			* 80 59 03.96	107.0	DGTZD *	03/07/79 *	11/14/79 *	* 11486 *

* STACK *	(ORMOND HOTEL CHIMNEY, 1906)		* 29 17 26.09	803.3	NOT *	TRIANG	* TRIANG REC *	11485 *
			* 81 02 47.99	1295.3	DGTZD *		* 11/15/79 *	* 11486 *

* TANK *	(HOLLY HILL TANK, 1934)		* 29 14 43.53	1340.2	NOT *	TRIANG	* TRIANG REC *	11485 *
			* 81 02 20.03	540.9	DGTZD *		* 11/15/79 *	* 11486 *

* TANK *			* 29 14 22.35	688.1		79CP8551 *	V-VIS	* 11485 *
			* 81 01 19.17	517.7		* 03/07/79 *	11/15/79 *	* 11486 *

* RADIO *			* 29 13 37.55	1156.1		79CP8551 *	V-VIS	* 11485 *
* TOWER *			* 81 01 30.10	812.9		* 03/07/79 *	11/15/79 *	* 11486 *

* TOWER *			* 29 13 47.42	1459.9	NOT *	79CP8551 *	V-VIS	* 11485 *
			* 81 00 31.59	853.1	DGTZD *	03/07/79 *	11/15/79 *	* 11486 *

* TOWER *			* 29 13 36.62	1127.4		79CP8551 *	V-VIS	* 11485 *
			* 81 00 24.47	660.9		* 03/07/79 *	11/15/79 *	* 11486 *

* TANK *			* 29 13 13.35	411.0	NOT *	79CP8551 *	V-VIS	* 11485 *
			* 81 00 34.95	944.0	DGTZD *	03/07/79 *	11/15/79 *	* 11486 *

* TANK *	(DAYTONA MAIN WATER TANK 1947)		* 29 12 26.57	818.0	NOT *	TRIANG	* TRIANG REC *	11485 *
			* 81 01 29.15	787.4	DGTZD *		* 11/15/79 *	* 11486 *

* RADIO *			* 29 11 18.43	567.4		79CP8551 *	V-VIS	* 11485 *
* MAST *			* 81 00 27.34	738.7		* 03/07/79 *	11/14/79 *	* 11486 *

76-40
LISTING

PHOTOGRAMMETRIC BRANCH
PHOTOGRAMMETRY DIVISION

PHOTOGRAMMETRY DIVISION

DATA TAB
VERSION
782707

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

VERSION
782707

782707

* SVY	TP-01011	*	LANDMARKS FOR CHARTS	* RPT UNIT	CMD, ROCKVILLE, MD.	* PAGE 4 OF 4	*
* JOB	CM7816	*	TO BE CHARTED	* STATE	FLORIDA	*	*
* PRJ	833205	*		* LOCALITY	DAYTONA BEACH	* ORIGINATING ACTIVITY*	*
* DYM	NA1927	*		* DATE	07/01/80	* COMPILATION	*

* * JOB CM7816 * LAYDARKS FOR CHARTS * STATE FLORIDA * *

* PRJ	833205	* TO BE CHARGED	* LOCALITY	DAYTONA BEACH	* ORIGINATING	ACTIVITY
-------	--------	-----------------	------------	---------------	---------------	----------

* D Y M *	* DATE *	* COMBINATION *	* FOR TRAINING ACTIVITY *
NA192Z	07/01/80		

* 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	US	AL IER*	OF LOCATION	RECORDS AND FILE	* CHARTS *
------------	--------	---------------------	------------	----	---------	-------------	------------------	------------

```
* NAME * PUT TRIANGULATION NAMES IN ( ) * LONGITUDE  
DESIGNED* OFFICE # ELEVATION OF CURVED *
```

* * *
BFDG
*
* 29 10 54-08
NOT
* 79CD8553
V-VYS
*
1148E

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

.....*

* * *

+ + +

* * *

* * *

[illegible][illegible]

[illegible]

* * *

* *

*

.

.

*

+ + +

1. The first part of the document is a list of references. The references are listed in alphabetical order of the author's name. The references are as follows:

*
*

*

*

*

*

*

*
*

*
*

*

*

*

*

*
*

*
*

*

*

**

[illegible]

*
*
*
*
*
*
*

*
*

*
*

*
*

*
*

*

.....

*
*

*

*

*

*

*

*

*
*

*

*

*

*

*
