TP-00660

NOAA FORM 76-35

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

DESCRIPTIVE REPORT

Type of SurveyShoreline									
Job No. CM-7306 Map No. TP-00660									
Classification No. Edition No									
Field Edited Map									
LOCALITY									
State									
St. Marys Entrance to General Locality St. AugustineInlet									
Locality Jacksonville Beach									
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1973 TO 1975									
REGISTRY IN ARCHIVES									
DATE									

☆ U.S. GOVERNMENT PRINTING OFFICE: 1972-751-152



MAP NOT INSPECTED IN QUALITY CONTROL PRIOR

TO REGISTRATION

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	DESCRIPTIVE REPORT - DATE	A RECORD				
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Í.,	Coastal Mapping Division, Non		ŤΥ	PE OF SURVEY	JOB P	РН
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Ι.	Jeffrey G. Carlen, CDR.		a	REVISED	19TO 19	
-	INSTRUCTIONS DATED		L			
<u> </u>	1. OFFICE		<u> </u>	2. F	FIELD	
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1	Compilation	Aug. 20, 1974		Sept. 24,	1973	
	Aerotriangulation	Oct. 3, 1974		- ,		
		000. 3, 1914				
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II.	DATUMS					
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<u> </u>	I HOMEON CALL		 			
	MEAN HI	GH-WATER	OTHER	₹ (Specify)		
	2. VERTICAL:					
		WER LOW-WATER				
3.	MAP PROJECTION	-			PIO(E)	
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3.	MAP PROJECTION Polyconic		,		ZONE	+.
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NOAA FORM 76-36A

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

TP-00660 COMPILATION SOURCES

** 73C(c)(I)-4346 - 4348 10/2/73 13:28 1:60,000 ± 0.2 ft. of MHW		I. COMPILATION PHOTOGRAPHY		·				
**************************************				TYPES OF	PHOTOGRAPHY	T-	TIME DEED	PENCE
PREPRINCE VATION IN RECORDS THE CONTROLLED PHOTOGRAPHY ** TIME CONTROLLED PHOTOGRAPHY ** TIME SCALE STAGE OF TIDE ** TOC(c)(I)-5136 - 5139 10/25/73 10:26 1:60,000 2.8 ft. above MLW ** T3C(c)(I)-4346 - 4348 10/2/73 13:28 1:60,000 ± 0.2 ft. of MHW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MHW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1:60,000 ± 0.2 ft. of MLW ** T4C(c)(I)-8978 - 8981 4/6/74 15:15 1) . '	EGEND		TIME REFE	
REFERENCE STATION RECORDS STORE CONTROLLED PROTOGRAPHY NO NORTH NUMBER AND TYPE DATE TIME SCALE STACE OF TIDE				X (C) COLOR	.	1	• • • •	<u> </u>
NUMBER AND TYPE NUMBER AND TYPE TIME SCALE STAGE OF FIDE TIME SCALE STAGE OF FIDE TIME TIME SCALE STAGE OF FIDE TIME TOSC(c)(I)-5136 - 5139 10/25/73 10:26 1:60,000 1:60,				(P) PANCH	ROMATIC			(X)STANDARD
# T3C(c)(I)-5136 - 5139 10/25/T3 10:26 1:60,000 2.8 ft. above MLW ### T3C(c)(I)-4346 - 4348 10/2/T3 13:28 1:60,000 ± 0.2 ft. of MHW ### T4C(c)(I)-8978 - 8981 4/6/T4 15:15 1:60,000 ± 0.2 ft. of MHW ### T4C(c)(I)-8978 - 8981 4/6/T4 15:15 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 4/6/T4 15:15 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 4/6/T4 15:15 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 4/6/T4 15:15 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 4/6/T4 15:15 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 4/6/T4 15:15 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 4/6/T4 15:15 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 4/6/T4 15:15 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 4/6/T4 15:15 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 4/6/T4 15:15 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 4/6/T4 15:15 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 4/6/T4 15:15 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 4/6/T4 15:15 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 4/6/T4 15:15 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 4/6/T4 15:15 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 4/6/T4 15:15 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 4/6/T4 15:15 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 4/6/T4 15:15 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8981 1:60,000 ± 0.2 ft. of MLW ### T4C(c)(I)-8978 - 8		I—		X (I) INFRAE	₹ED -	1		DAYLIGHT
### 73C(c)(I)-4346 - 4348		NUMBER AND TYPE	DATE	TIME	SCALE		STAGE OF	TIDE
THE MEAN HOW ATTER OR MEAN LOWER LOW-WATER LINE: The mean high water line was compiled graphically from the above listed tide controlled infrared photography. 3. SOURCE OF MEAN HOW-WATER OR MEAN LOWER LOW-WATER LINE: The mean low water line was compiled graphically from the above controlled infrared photography. 4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammatric survey information.) SURVEY NUMBER DATE(S) SURVEY COPY USED SURVEY NUMBER DATE(S) SURVEY COPY USED SURVEY NUMBER DATE(S) SURVEY COPY USED TP-00651 No Survey	*	73C(c)(I)-5136 - 5139	10/25/73	10:26	1:60,000	2.8 f	t. above	MLW
**Bridge and compilation photos, predicted tides. **Tide coordinated photos at MLW and MHW 2. SOURCE OF MEAN HIGH-WATER LINE: The mean high water line was compiled graphically from the above listed tide controlled infrared photography. 3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE: The mean low water line was compiled graphically from tide controlled infrared photography. 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-00659 No Survey TP-00661 No Survey	**	73C(c)(I)-4346 - 4348	10/ 2/73	13:28	1:60,000	<u>+</u> 0.2	? ft. of i	MHW
**Triage and compilation photos, predicted tides. **Tide coordinated photos at MLW and MHW 2. SOURCE OF MEAN HIGH-WATER LINE: The mean high water line was compiled graphically from the above listed tide controlled infrared photography. 3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE: The mean low water line was compiled graphically from tide controlled infrared photography. 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-00659 No Survey TP-00661 No Survey	**	74C(c)(I)-8978 - 8981	4/ 6/74	15:15	1:60,000	+ 0.2	ft. of	MLW
**Triage and compilation photos, predicted tides. **Tide coordinated photos at MLW and MHW 2. SOURCE OF MEAN HIGH-WATER LINE: The mean high water line was compiled graphically from the above listed tide controlled infrared photography. 3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE: The mean low water line was compiled graphically from tide controlled infrared photography. 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-00659 No Survey TP-00661 No Survey		·				:-		
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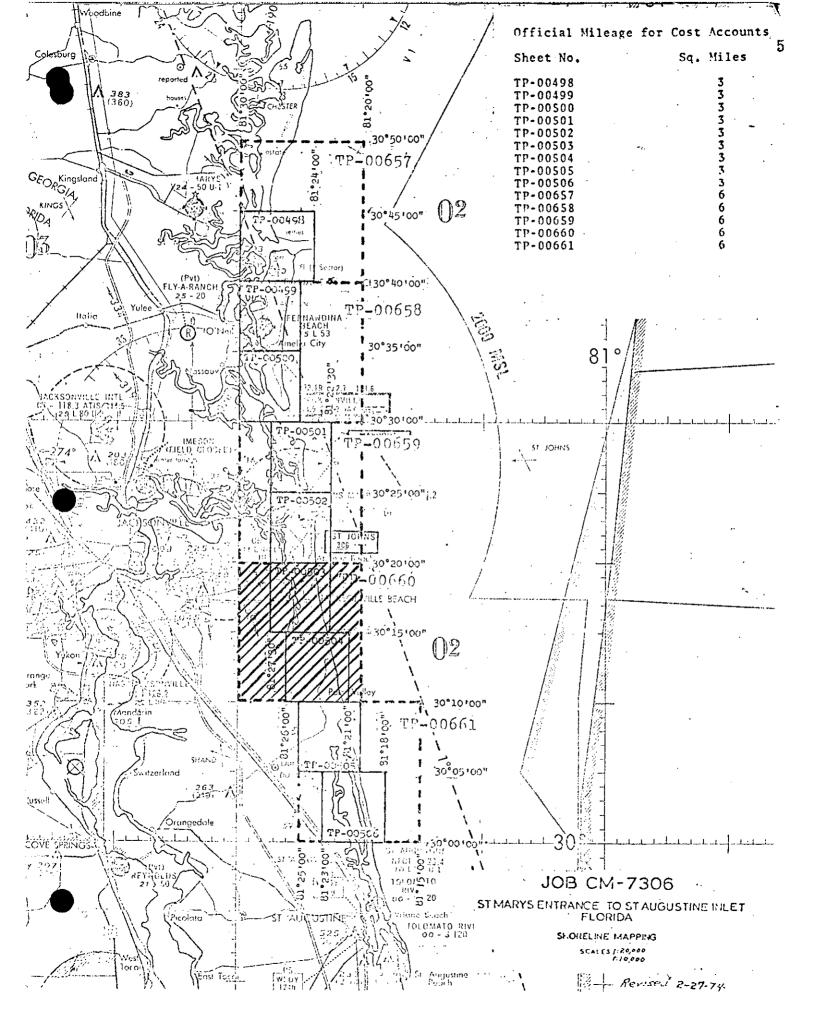
NOAA FORM 76-36 (3-72)	c			•	-	U. S. NIC AND AT	MOSPHERIC	IT OF COMMERCE ADMINISTRATION LOCEAN SURVEY
		Н	ISTORY OF FIELD	OPERA	TIONS			
I. 🗓 FIELD INSP	ECTION OPERA	TION	FIEL	D EDIT O	PERATION			
	OPE	RATION				NAME		DATE
1. CHIEF OF FIEL	D PARTY			р. м.	Fuller			9/15/73
			RECOVERED BY		Fuller			9/15/73
2. HORIZONTAL	CONTROL		ESTABLISHED BY	None				
		PRE-MARKE	D OR IDENTIFIED BY		<u>Fuller</u>			<u>9/15/73 </u>
3. VERTICAL CON	ITBOL'		RECOVERED BY	NA NA			-	
3. VERTICAL COR	TROL	PRE-MARKE	ESTABLISHED BY	NA NA				
			angulation Stations) BY	None				
4. LANDMARKS A	ND	•	ED (Field Methods) BY	None				
AIDS TO NAVIG	ATION		IDENTIFIED BY	None				
			INVESTIGATION					
5. GEOGRAPHIC N		COMI	PLETE BY SIFIC NAMES ONLY					
			NVESTIGATION					
6. PHOTO INSPEC	Tion		TION OF DETAILS BY	None	 _			
7. BOUNDARIES A	NO LIMITS	SURVEYE	D OR IDENTIFIED BY	NA	-			
II. SOURCE DATA				T				
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4. LANDMARKS A	None	VIGATION IDE	INTIELED		·			
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5. GEOGRAPHIC		REPORT	X NONE	6. BOU	NDARY AN	D LIMITS;	REPOR	X NONE
7. SUPPLEMENTA	L MAPS AND PI	LANS						•
	None							
8. OTHER FIELD	RECORDS (Skets	ch books, etc.	DO NOT list data submi	tted to the	Geodesy D	ivision)		
	CCT		•					
	CSI card	Ľ						

NOAA FORM 76-36C U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY TP-00660 HISTORY OF FIELD OPERATIONS I. TIFIELD INSPECTION OPERATION X FIELD EDIT OPERATION OPERATION NAME DATE Jeffrey G. Carlen Jan. 1975 1. CHIEF OF FIELD PARTY L.F. Beugnet RECOVERED BY Jan. 1975 NA 2. HORIZONTAL CONTROL ESTABLISHED BY NA PRE-MARKED OR IDENTIFIED BY RECOVERED BY NA 3, VERTICAL CONTROL ESTABLISHED BY NA NA PRE-MARKED OR IDENTIFIED BY NA RECOVERED (Triangulation Stations) BY 4. LANDMARKS AND NA LOCATED (Field Methods) BY AIDS TO NAVIGATION L.F. Beugnet Jan. 1975 IDENTIFIED BY TYPE OF INVESTIGATION 5. GEOGRAPHIC NAMES COMPLETE INVESTIGATION SPECIFIC NAMES ONLY NO INVESTIGATION 6. PHOTO INSPECTION CLARIFICATION OF DETAILS BY L.F. Beugnet Jan. 1975 BOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED BY II. SOURCE DATA 2. VERTICAL CONTROL IDENTIFIED 1. HORIZONTAL CONTROL IDENTIFIED None PHOTO NUMBER PHOTO NUMBER STATION NAME STATION DESIGNATION 3. PHOTO NUMBERS (Clarification of details) 73C(c)(I) 4347 4. LANDMARKS AND AIDS TO NAVIGATION EXEKTREEN Verified Field Edit Ozalid PHOTO NUMBER OBJECT NAME PHOTO NUMBER OBJECT NAME 5. GEOGRAPHIC NAMES: REPORT 6. BOUNDARY AND LIMITS: X NONE REPORT MONE 7. SUPPLEMENTAL MAPS AND PLANS 8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Field Edit Ozalid; Field Edit Report

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

TP-00660
RECORD OF SURVEY USE

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I. MANUSC	CRIPT COPIES		<u>,</u>				
	Co	MPILATION STAGES	5 T			DATE MANUSCRI	PT FORWARDED
	DATA COMPILED	DATE	RE	MARKS		MARINE CHARTS	HYDRO SUPPORT
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	edit applied ation complete	3/20/75	Class I Ma Supers		rt	6/12/75	·
Final F	Review	Sept. 1975	Final		,	Sept. 1975	
II. LANDM	AARKS AND AIDS TO NAVIGA	TION					
l. REP	ORTS TO MARINE CHART DI	VISION, NAUTICAL	DATA BRANCH	_			
NUMBER	CHART LETTER Number Assigned	DATE FORWARDED			REMA	ARKS	•
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IV. SURV	EY EDITIONS (This section s			o edition is r			
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EDITION		-	225 25	[]Ու	□ ııı.		FINAL



SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORTS TP-00657 through TP-00661

These 1:20,000 scale shoreline manuscripts are part of the SCOPE Project and will provide data for smooth sheet processing. Only the Atlantic Ocean shoreline was mapped. Other maps shown on the project diagram are part of the Florida Seaward Boundary Project and will be compiled later.

The only field work prior to compilation was the recovery and identification of horizontal control required for bridging.

Aerotriangulation was done by the Rockville Science Center. Color infrared photography dated Sept. 30 and Oct. 25, 1973 was used.

Compilation was done at the Atlantic Marine Center in October 1974, using 1:60,000 scale color infrared bridging photography to locate shoreline pass points. Ratio prints of tide controlled 1:60,000 scale color infrared photography dated Oct. 2, 1973 (MHW) and Apr. 6, 1974 (MLW), were used to compile the mean high and mean low water lines graphically, holding the shoreline pass points for control.

Field edit was done by an experienced photogrammetrist in January, 1975 and applied to the manuscript by the Coastal Mapping Section, Atlantic Marine Center in February, 1975.

Final review was done at the Atlantic Marine Center in September, 1975.

The original manuscript was a stabilene sheet 10 minutes in latitude by 10 minutes in longitude.

A cronaflex positive copy and a negative of the final reviewed manuscript were forwarded for record and registry.

Photogrammetric Plot Report St. Marys Entrance to St. Augustine Inlet Florida Job CM7306

- 21. Area Covered This report pertains to the shoreline of Florida from St. Marys Entrance to St. Augustine Inlet, Florida. This area is covered by 5 1:20,000 scale sheets TP-00657 thru TP-00661.
- 22. Method One strip of 1:60,000 scale color infrared photography was bridged by analytic aerotriangulation methods. The strip was controlled by field identified control paneled in 1973. Old control, which was office identified, was floated for checks. Ties were made with Jobs CM-6716 and CM-7205. Common points were located between the bridging photography and the color infrared mean low-water and mean high-water photography to determine the ratio scale. Sketch number 2 shows the flight lines of the mean low-water and the mean high-water photography. Ratio prints of both the high and low-water photography were ordered.

Data for the five 1:20,000 scale sheets were plotted by the Calcomp on the Florida East State Plane Coordinate System.

23. Adequacy of Control - The control was adequate, but 4 of the 7 targets could not be seen on the bridging photography due to the placement in sandy beach areas. These 4 targets were transferred with extreme difficulty from the mean low-water and mean highwater photography.

Control station Jenks 2 RM 1 was located on the photography by first plotting the position on a quadrangle and then searching the area visually. The sketch on the Control Station Identification form was of no value.

- 24. Supplemental Data USGS quadrangles were used to provide vertical control for the adjustment.
- 25. Photography The photography was adequate as to coverage and overlap, but double fiducials marks and emulsion slippage on some of the photographs made the horizontal and vertical adjustment weak.

Respectfully submitted,

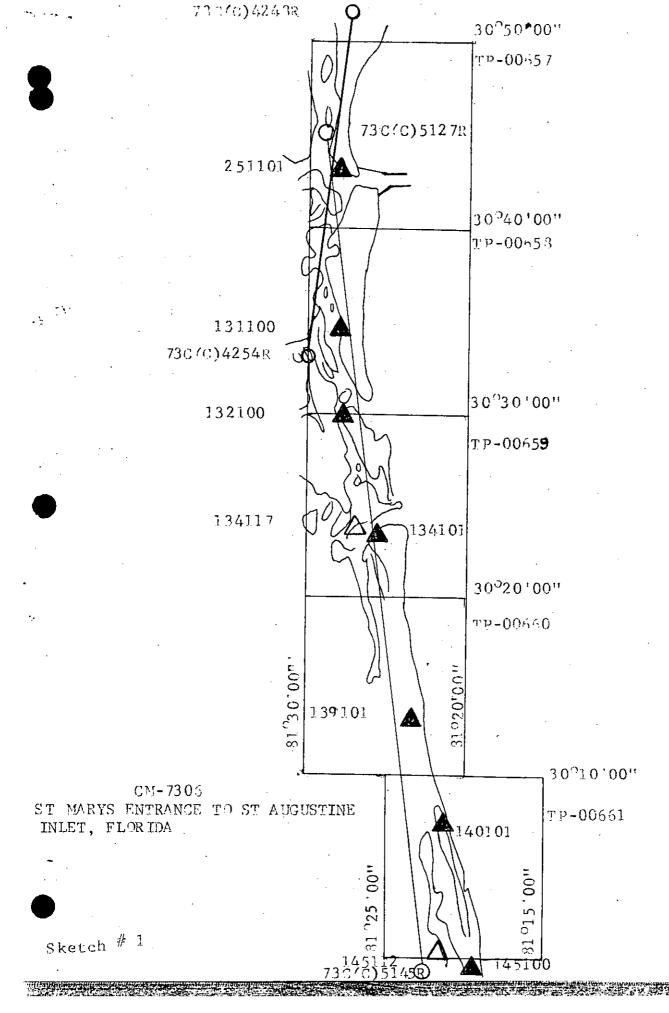
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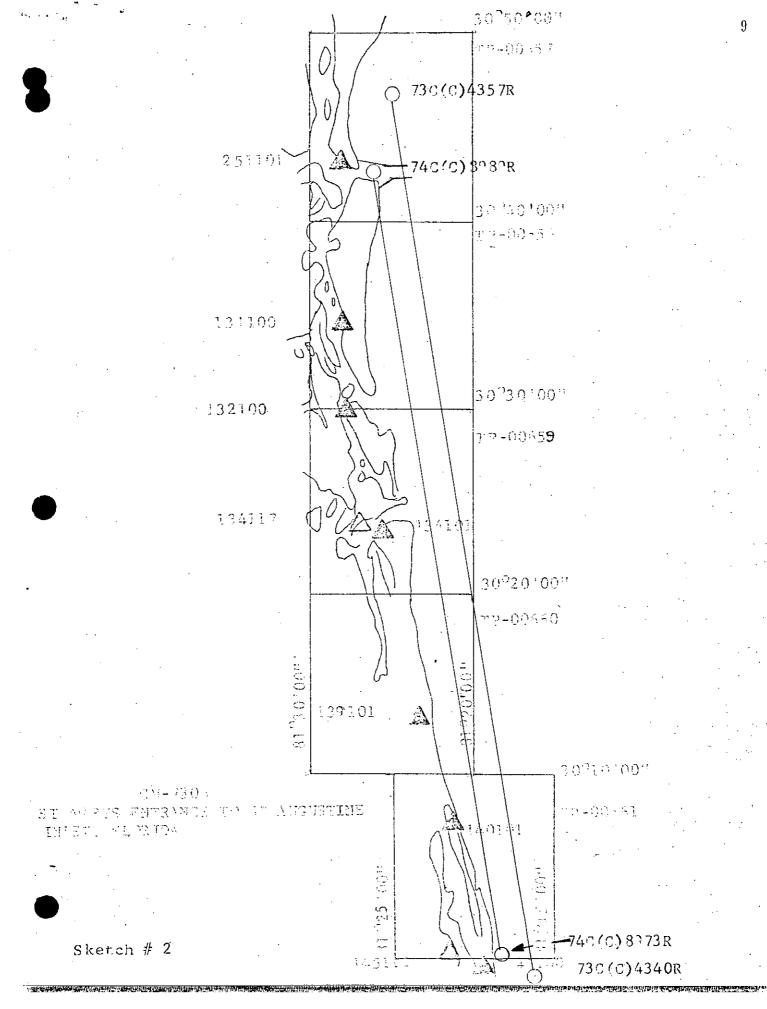
Approved and forwarded:

John D. Perrow, Jr.

Chief, Aerotriangulation Section







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NOAA FORM 76-41				NATIONAL OCEANIC	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
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		DATE	LISTING CHECKED BY	į	DATE
HAND PLOTTING BY		DATE	MAND PLOTTING CHECKED BY		DATE
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COMPILATION REPORT

TP-00660

31. DELINEATION

Delineation of interior detail was by the Wild B-8 stereoplotter, using 1:60,000 scale color infrared photography. Shoreline pass points were dropped to control the tide coordinated photography for locating the mean high and mean low water lines.

32. CONTROL

See the attached "Photogrammetric Plot Report."

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are not applicable to the project. No drainage was delineated.

35. SHORELINE AND ALONGSHORE DETAILS

Alongshore details were delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

The mean high water and mean low water lines were delineated graphically from the tide coordinated color infrared photos.

36. OFFSHORE DETAILS

None

37. LANDMARKS AND AIDS

Copies of Form 76-40 for 4 landmarks were forwarded to the Rockville, MD office on June 3, 1975.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

See the attached Form 76-36b, item #5 of the Descriptive Report, concerning junctions.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with the following U.S. Geological Survey Quadrangles: PALM VALLEY, FL scale 1:24,000, dated 1964, photorevised 1970; JACKSONVILLE BEACH, FL scale 1:24,000, dated 1964, photorevised 1970; and MICKLER LANDING, FL, scale 1:24,000 dated 1964, photorevised 1970.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the following National Ocean Survey chart: No. 1243, scale 1:80,000, dated Jan. 27, 1973.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by:

Joanne Desch

Foanne Desch, Carto. Aid; Oct. 15, 1974

Approved:

albert C. Bauch. J.

Chief, Coastal Mapping Section, AMC

ADDENDUM TO THE COMPILATION REPORT

TP-00660

FIELD EDIT

Field edit was adequate and all questions were answered.

Jim Byrd

15 August 1975

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-7306 (St. Marys Entrance to St. Augustine Inlet, Florida) TP-00660

Atlantic Beach

Atlantic Ocean

Jacksonville Beach

Lake Duval

Neptune Beach

Ponte Vedra Beach

Apparoved by

Chas. E. Harrington

Staff Geographer-C51x2

NOAA FORM 75-74 (2-74)				U.S. DEPARTMENT OF COMMERC
(2-/-/	РНО	TOGRAMMET	RIC OFFICE REVIEW	NATIONAL OCEAN SURVE
		TP-006		
1. PROJECTION AND GRIDS	2. TITLE	11-000	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
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5. HORIZONTAL CONTROL STA THIRD-ORDER OR HIGHER A	ATIONS OF CCURACY	6. RECOVERAN	BLE HORIZONTAL STATIONS IAN THIRD-ORDER ACCURACY	7. PHOTO HYDRO STATIONS
FPM		(Topographic	NA	NA NA
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NA NA			FPM	F <u>P</u> M
ALONGSHORE AREAS (Nautical 12, SHORELINE	Chart Data)) I INE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
12. SMURELINE	13. LOW-WATER	LINE	14. ROCKS, SHOALS, ETC.	15, BRIDGES
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16. AIDS TO NAVIGATION	17. LANDMARK	S	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES
FPM	FPM		FPM	FPM
PHYSICAL FEATURES 20. WATER FEATURES		21. NATURAL	GROUND COVER	22. PLANETABLE CONTOUR
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31. BOUNDARY LINES			32, PUBLIC LAND LINES	·
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MISCELLANEOUS 33. GEOGRAPHIC NAMES		34. JUNCTION	<u> </u>	35. LEGIBILITY OF THE
			-	MANUSCRIPT
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36. DISCREPANCY OVERLAY	37. DESCRIPTI	VE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
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Frank Margiotta	(oct. 1974	albut C.1	Educk 9
Frank @ Maran			Albert C. Rauck,	Jr.
41. REMARKS (See attached she				
FIELD COMPLETION ADDITION				
 Additions and corrections script is now complete exe 	s furnished by the	e field complet der item 43.	ion survey have been applied	to the manuscript. The manu-
COMPILER Jim Byrd			SUPERVISOR	0 11
			albut C. M	auck. Jr.
Checked by: F. Margi	otta f. G.M.	<u>5/15/75</u>	Albert C. Rauck	
43. REMARKS			7C 100	
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FIELD EDIT REPORT JOB CM-7306

St. Mary's Entrance to St. Augustine Inlet, Florida Map Manuscripts TP-00657 thru TP-00661

51. METHODS

Field edit of these manuscripts was accomplished by driving the road paralleling the coast or by driving the open beaches. All field edit deletions, additions or corrections have been noted on the field edit ozalids or photographs. Field edit information appears on photographs 73-L(C)-4347 thru 73-L(C)-4349; 73-L(C)-4352 thru 73-L(C)4354 and 74-C-8988.

52. ADEQUACY OF COMPILATION

There was no field inspection prior to compilation. The compilation was adequate considering the type of photography used for that purpose. The black and white prints made from the infrared color photography, and provided for field edit purposes, lack sharp image definition and are of poor tone in the land areas of the manuscripts.

53. MAP ACCURACY

No accuracy test were made.

54. RECOMMENDATIONS

None

55. EXAMINATION OF PROFF COPY

Due to the limited extent of compilation no examination of a proof copy was made.

Submitted by

Leo F. Beugnet

Supervisory Cartographer

22 January 1975

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ď. ORIGINATING ACTIVITY U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NOAA FORM 76-40

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REVIEW REPORT TP-00660

SHORELINE

September 9, 1975

61. GENERAL STATEMENT:

See Summary, which is page 6 of this Descriptive Report.

No comparison print was made for this map.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with Photogrammetric Surveys T-10832 and T-10836, 1:10,000 scale compiled in 1959, and T-9306, 1:20,000 scale, compiled in 1951. At the time these maps were compiled, the mean high water line was mapped at the seawall that extends northward from 30° 15'. The mean high water line on TP-00660 is seaward from the seawall as much as 50 meters. No other significant differences were noted.

In the area compared, T-9306, T-10832 and T-10836 supersede TP-00660 for nautical chart construction purposes. T-9306, T-10832, and T-10836 are the latest registered prior surveys of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with USGS Quadrangles JACKSONVILLE BEACH, FL, PALM VALLEY, FL, and MICKLER LANDING, FL. All of these maps are 1:24,000 scale, dated 1964, and photorevised in 1970. North of Lat. 30° 15', the mean high water line is mapped at the seawall on the quadrangles, whereas it is mapped east of the seawall on TP-00660. No other significant differences were noted.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic surveys were available for comparison.

65. COMPARISON WITH NAUTICAL CHARTS:

A visual comparison was made with Chart 11488, 1:80,000 scale, 11th edition, dated 23 November 1974. A charted wreck close to the

beach at Lat. 30° 14' is not visible on the photographs, nor was it found by the field editor. No other significant differences were noted.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

Reviewed by:

Charles H. Bishop

Charles &Bishop

Cartographer

September 9, 1975

Approved for forwarding:

Victor E. Serena

Chief, Photogrammetric Branch, AMC

Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division