

TP-00660

NOAA FORM 76-35

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

## DESCRIPTIVE REPORT

Type of Survey ..... Shoreline  
Job No. CM-7306 ..... Map No. TP-00660  
Classification No. .... Edition No. .... 1  
Field Edited Map

## LOCALITY

State ..... Florida  
St. Marys Entrance to  
General Locality ..... St. Augustine Inlet  
Locality ..... Jacksonville Beach

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1973 TO 1975

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## REGISTRY IN ARCHIVES

DATE .....

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR  
TO REGISTRATION

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
<b>DESCRIPTIVE REPORT - DATA RECORD</b>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE  Coastal Mapping Division, Norfolk, VA  OFFICER-IN-CHARGE  Jeffrey G. Carlen, CDR.		SURVEY TP. <u>00660</u>  MAP EDITION NO. <u>(1)</u>  MAP CLASS <u>Final</u>  JOB <u>XX CM-7306</u>	
I. INSTRUCTIONS DATED		LAST PRECEDING MAP EDITION	
1. OFFICE		2. FIELD	
Compilation Aug. 20, 1974  Aerotriangulation Oct. 3, 1974		Sept. 24, 1973	
II. DATUMS			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH-AMERICAN		OTHER (Specify)	
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input checked="" type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION  Polyconic		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 METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY		I. Rayborn	None
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>Calcomp.</u> CHECKED BY		R. Robertson R. Robertson	8/2/74 8/2/74
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: <u>Wild B-8</u> CONTOURS BY SCALE: <u>1:30,000</u> CHECKED BY		L.O. Neterer, Jr. R.R. White NA NA	10/2/74 10/2/74  
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: <u>Wild B-8 &amp; Graphic</u> CONTOURS BY CHECKED BY SCALE: <u>1:20,000</u> HYDRO SUPPORT DATA BY CHECKED BY		J. Desch F. Margiotta NA NA NA NA	10/15/74 Oct. 1974  
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		F. Margiotta	Oct. 1974
6. APPLICATION OF FIELD EDIT DATA BY		Jim Byrd	Mar. 1975
7. COMPILATION SECTION REVIEW BY		F. Margiotta	May. 1975
8. FINAL REVIEW BY		F. Margiotta	May. 1975
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		C. Bishop	Sept. 1975
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY			
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		<u>N. Francis</u>	<u>Oct. 2 1975</u>

NOAA FORM 76-36B  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEYTP-00660  
COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-10 "c"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE MAYPORT, FL		<input checked="" type="checkbox"/> (C) COLOR (P) PANCHROMATIC <input checked="" type="checkbox"/> (I) INFRARED		ZONE 5th	<input checked="" type="checkbox"/> STANDARD
<input checked="" type="checkbox"/> PREDICTED TIDES (Atlantic Beach) <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				MERIDIAN 75th	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
* 73C(c)(I)-5136 - 5139	10/25/73	10:26	1:60,000	2.8 ft. above MLW	
** 73C(c)(I)-4346 - 4348	10/ 2/73	13:28	1:60,000	± 0.2 ft. of MHW	
** 74C(c)(I)-8978 - 8981	4/ 6/74	15:15	1:60,000	± 0.2 ft. of MLW	

REMARKS      \*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

REMARKS

NOAA FORM 76-36C  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEYTP-00660  
HISTORY OF FIELD OPERATIONSI. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	D.M. Fuller	9/15/73
2. HORIZONTAL CONTROL	D.M. Fuller	9/15/73
RECOVERED BY	None	
ESTABLISHED BY	None	
PRE-MARKED OR IDENTIFIED BY	D.M. Fuller	9/15/73
3. VERTICAL CONTROL	NA	
RECOVERED BY	NA	
ESTABLISHED BY	NA	
PRE-MARKED OR IDENTIFIED BY	NA	
4. LANDMARKS AND AIDS TO NAVIGATION	None	
RECOVERED (Triangulation Stations) BY	None	
LOCATED (Field Methods) BY	None	
IDENTIFIED BY	None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION	
	<input type="checkbox"/> COMPLETE BY	
	<input type="checkbox"/> SPECIFIC NAMES ONLY	
	<input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	None
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
730(c)(I) 4346	PALM, 1932		

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

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

7. SUPPLEMENTAL MAPS AND PLANS

None

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

CSI cards

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

TP-00660

## HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	Jeffrey G. Carlen	Jan. 1975
2. HORIZONTAL CONTROL	RECOVERED BY L.F. Beugnet	Jan. 1975
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY NA	
3. VERTICAL CONTROL	RECOVERED BY NA	
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY NA	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY NA	
	LOCATED (Field Methods) BY NA	
	IDENTIFIED BY L.F. Beugnet	Jan. 1975
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 L.F. Beugnet	Jan. 1975
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER

STATION NAME

PHOTO NUMBER

STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

73C(c)(I) 4347

4. LANDMARKS AND AIDS TO NAVIGATION ~~XXXXXXXX~~ Verified

Field Edit Ozalid

PHOTO NUMBER

OBJECT NAME

PHOTO NUMBER

OBJECT NAME

5. GEOGRAPHIC NAMES:

☐ REPORT☒ NONE

6. BOUNDARY AND LIMITS:

☐ REPORT☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

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 ADMINISTRATIONTP-00660  
RECORD OF SURVEY USE

## I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit	10/15/74	Class III Manuscript Superseded	1/13/75	1/13/75
Field edit applied Compilation complete	3/20/75	Class I Manuscript Superseded	6/12/75	
Final Review	Sept. 1975	Final	Sept. 1975	

## II. LANDMARKS AND AIDS TO NAVIGATION

## 1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
4		6/4/75	Landmarks for charts

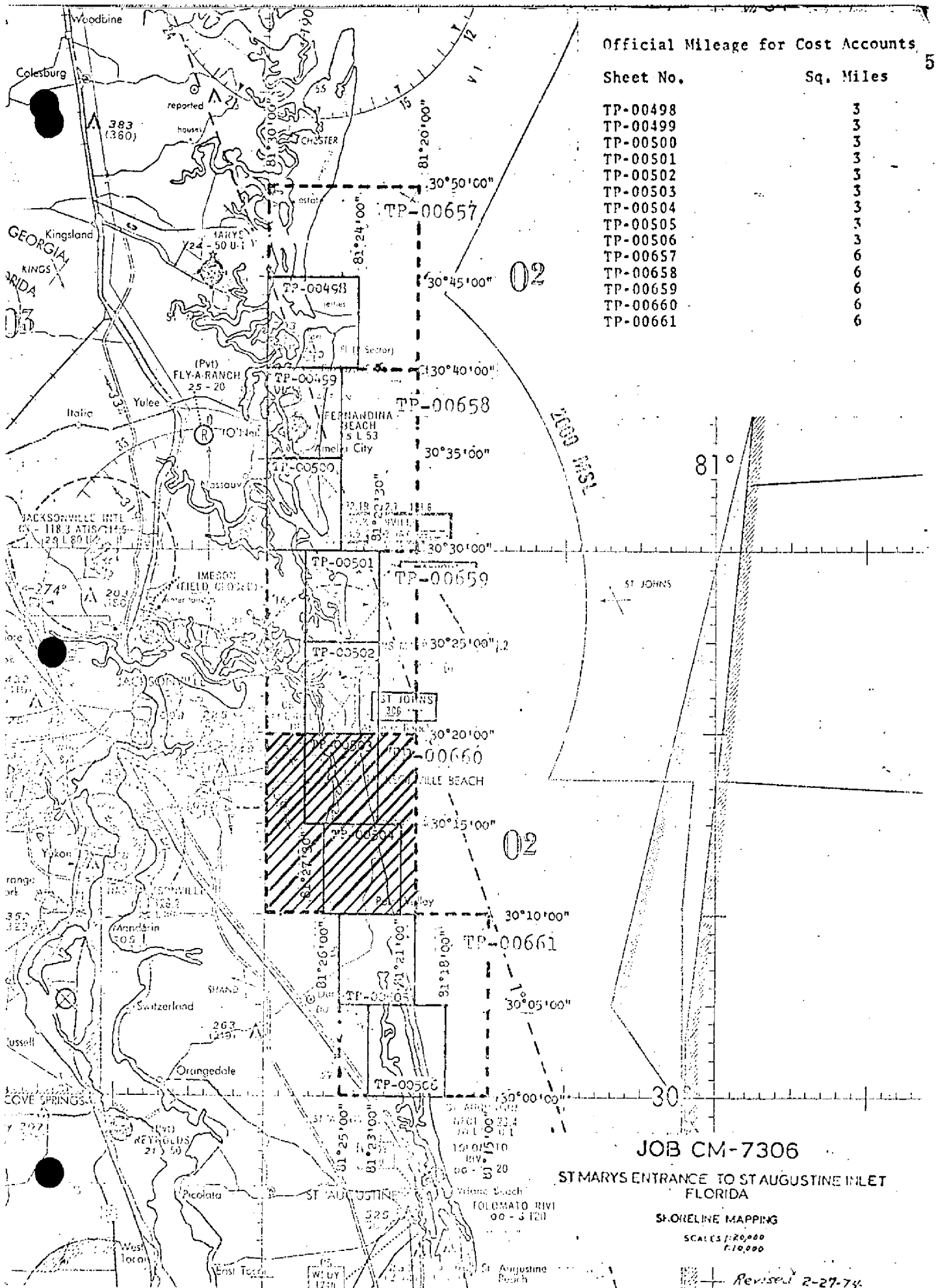
2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: June 4, 1975
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

## 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	



Official Mileage for Cost Accounts

5

Sheet No.

Sq. Miles

TP-00498	3
TP-00499	3
TP-00500	3
TP-00501	3
TP-00502	3
TP-00503	3
TP-00504	3
TP-00505	3
TP-00506	3
TP-00657	6
TP-00658	6
TP-00659	6
TP-00660	6
TP-00661	6

JOB CM-7306

ST MARYS ENTRANCE TO ST AUGUSTINE INLET  
FLORIDA

SHORELINE MAPPING

SCALE 1:20,000  
1:10,000

Revised 2-27-74



## 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 high-water 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,

*Ivey O. Raborn*  
Ivey O. Raborn

Approved and forwarded:

*John D. Perrow Jr.*  
John D. Perrow, Jr.  
Chief, Aerotriangulation Section

73C(C)4243R

30°50'00"

8

TP-00657

73C(C)5127R

251101

30°40'00"

TP-00658

131100

73C(C)4254R

30°30'00"

TP-00659

132100

134117

134101

30°20'00"

TP-00660

81°30'00"

139101

81°20'00"

30°10'00"

TP-00661

140101

81°31'25'00"

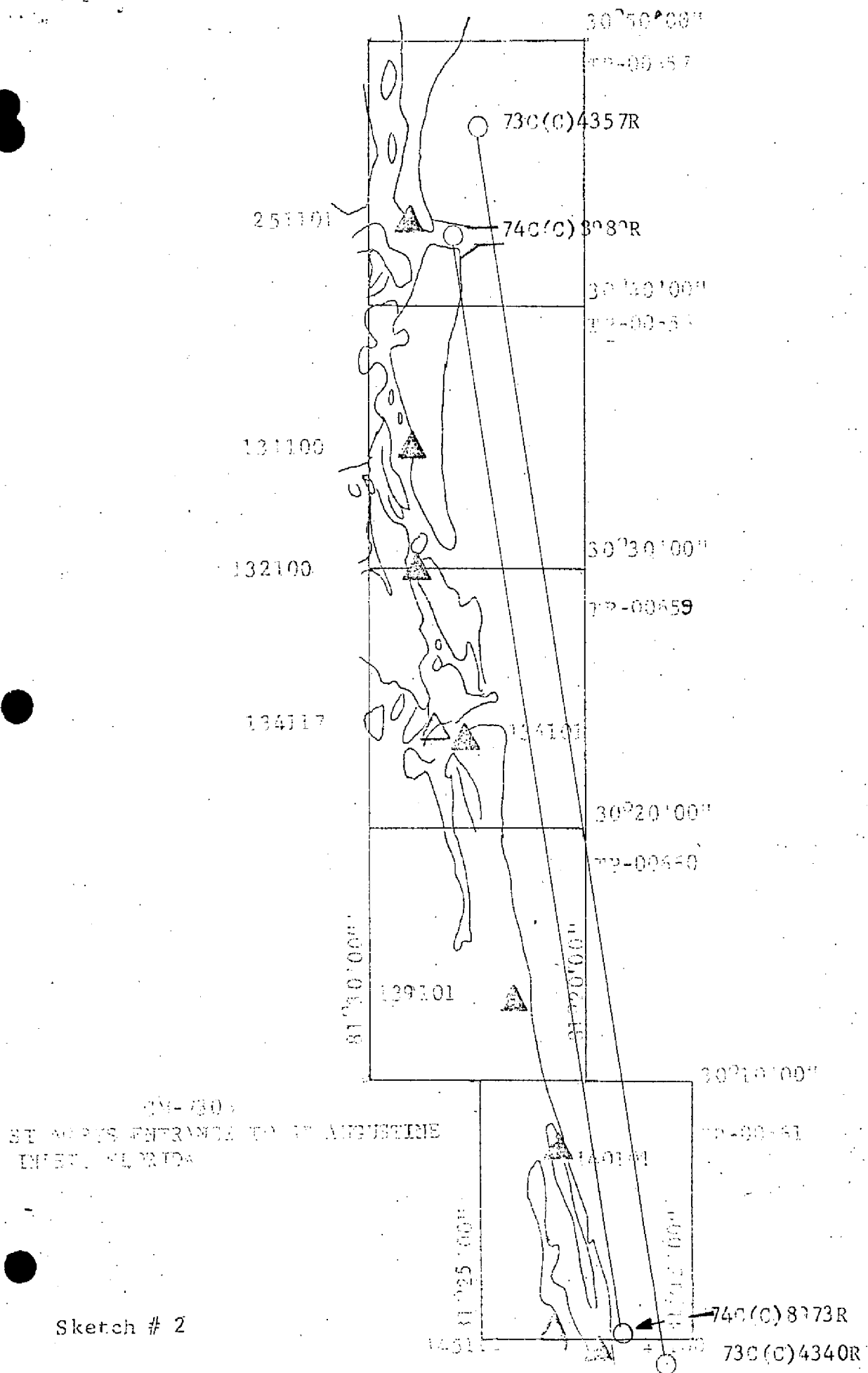
81°15'00"

145112  
73C(C)5145R

145100

CM-7306  
ST MARYS ENTRANCE TO ST AUGUSTINE  
INLET, FLORIDA

Sketch # 1



## DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	GEODETTIC DATUM		ORIGINATING ACTIVITY			
					COORDINATES IN FEET STATE <u>Florida</u> ZONE <u>East</u>	N.A. 1927	GEOGRAPHIC POSITION $\phi$ LATITUDE $\lambda$ LONGITUDE	REMARKS		
PALM, 1932			G.P. Vol I Pg. 3		X=	$\phi$ 30° 12' 26.197"				
					Y=	$\lambda$ 81° 22' 51.249"				
					X=	$\phi$				
					Y=	$\lambda$				
					X=	$\phi$				
					Y=	$\lambda$				
					X=	$\phi$				
					Y=	$\lambda$				
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					X=	$\phi$				
					Y=	$\lambda$				
					X=	$\phi$				
					Y=	$\lambda$				
COMPUTED BY	A.C. Rauck, Jr.				DATE	8/16/74	COMPUTATION CHECKED BY	J.R. Minton	DATE	8/20/74
LISTED BY					DATE		LISTING CHECKED BY		DATE	
HAND PLOTTING BY					DATE		HAND PLOTTING CHECKED BY		DATE	

## 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, photo-revised 1970; JACKSONVILLE BEACH, FL scale 1:24,000, dated 1964, photo-revised 1970; and MICKLER LANDING, FL, scale 1:24,000 dated 1964, photo-revised 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*

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

Approved:

*Albert C. Rauck, Jr.*

Albert C. Rauck, Jr.

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

Approved by

  
Chas. E. Harrington  
Staff Geographer-C51x2

NOAA FORM 75-74  
(2-74)U.S. DEPARTMENT OF COMMERCE  
NOAA  
NATIONAL OCEAN SURVEY

## PHOTOGRAMMETRIC OFFICE REVIEW

TP-00660

1. PROJECTION AND GRIDS FPM	2. TITLE FPM	3. MANUSCRIPT NUMBERS FPM	4. MANUSCRIPT SIZE FPM
<b>CONTROL STATIONS</b>			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY FPM	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) NA		7. PHOTO HYDRO STATIONS NA
8. BENCH MARKS NA	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT FPM	11. DETAIL POINTS FPM
<b>ALONGSHORE AREAS (Nautical Chart Data)</b>			
12. SHORELINE FPM	13. LOW-WATER LINE FPM	14. ROCKS, SHOALS, ETC. FPM	15. BRIDGES FPM
16. AIDS TO NAVIGATION FPM	17. LANDMARKS FPM	18. OTHER ALONGSHORE PHYSICAL FEATURES FPM	19. OTHER ALONGSHORE CULTURAL FEATURES FPM
<b>PHYSICAL FEATURES</b>			
20. WATER FEATURES FPM	21. NATURAL GROUND COVER NA		22. PLANETABLE CONTOURS NA
23. STEREOSCOPIC INSTRUMENT CONTOURS NA	24. CONTOURS IN GENERAL NA	25. SPOT ELEVATIONS NA	26. OTHER PHYSICAL FEATURES FPM
<b>CULTURAL FEATURES</b>			
27. ROADS FPM	28. BUILDINGS FPM	29. RAILROADS FPM	30. OTHER CULTURAL FEATURES FPM
<b>BOUNDARIES</b>			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
<b>MISCELLANEOUS</b>			
33. GEOGRAPHIC NAMES FPM	34. JUNCTIONS FPM		35. LEGIBILITY OF THE MANUSCRIPT FPM
36. DISCREPANCY OVERLAY FPM	37. DESCRIPTIVE REPORT FPM	38. FIELD INSPECTION PHOTOGRAPHS FPM	39. FORMS FPM
40. REVIEWER Frank Margiotta <i>Frank Margiotta</i>		SUPERVISOR REVIEW SECTION OR UNIT Oct. 1974 <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
41. REMARKS (See attached sheet)			
<b>FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT</b>			
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.			
COMPILER Jim Byrd <i>Jim Byrd</i>		SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
Checked by: F. Margiotta <i>F.M.</i> 5/15/75			
43. REMARKS Field edit applied from Forms 76-40, Field edit ozalid, Photo 74C(c)4347			

## 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*  
Leo F. Beugnet  
Supervisory Cartographer  
22 January 1975

[illegible]

## 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.  $30^{\circ} 14'$  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:

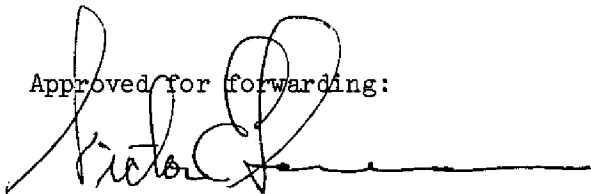
This map complies with Project Instructions and meets requirements for Bureau Standards and National Standards of Map Accuracy.

Reviewed by:

*Charles H Bishop*

Charles H. Bishop  
Cartographer  
September 9, 1975

Approved for forwarding:



Victor E. Serena  
Chief, Photogrammetric Branch, AMC

Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division