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-00657
Classification No.: Edition No.: 1
Field Edited

LOCALITY
State: Georgia - Florida
St. Mary's Entrance to
General Locality: St. Augustine Inlet
Locality: St. Mary's Entrance

1973 TO 1975

REGISTRY IN ARCHIVES

DATE: _______________________

* U.S. GOVERNMENT PRINTING OFFICE: 1972-761-152
MAP NOT INSPECTED IN QUALITY CONTROL PRIOR TO REGISTRATION
# Descriptive Report - Data Record

## Photogrammetric Office
Coastal Mapping Division, Norfolk, VA

### Officer-in-Charge
Jeffrey G. Carlen, CDR

## Last Preceding Map Edition

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Survey TP.80597</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>

## Instructions Dated

<table>
<thead>
<tr>
<th>Office</th>
<th>Field</th>
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<tbody>
<tr>
<td>Compilation</td>
<td>Sept. 24, 1973</td>
</tr>
<tr>
<td>Aerotriangulation</td>
<td>Oct. 3, 1973</td>
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## Datums

<table>
<thead>
<tr>
<th>Horizontal</th>
<th>Vertical</th>
<th>Other (Specify)</th>
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<tbody>
<tr>
<td>1927 North American</td>
<td>Mean High-Water</td>
<td>Other (Specify)</td>
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</tbody>
</table>

## Map Projection
Polyconic

## Scale
1:20,000

## History of Office Operations

<table>
<thead>
<tr>
<th>Operations</th>
<th>Name</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Aerotriangulation Method</td>
<td>T. Rayborn</td>
<td>None</td>
</tr>
<tr>
<td>Analytic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Control and Bridge Points</td>
<td>R. Robertson</td>
<td>8/2/74</td>
</tr>
<tr>
<td>Method</td>
<td>Calcomp.</td>
<td></td>
</tr>
<tr>
<td>Plotted by R. Robertson</td>
<td>8/2/74</td>
<td></td>
</tr>
<tr>
<td>Checked by R. Robertson</td>
<td>8/2/74</td>
<td></td>
</tr>
<tr>
<td>3. Stereoscopic Instrument Compilation</td>
<td>L.O. Neterer, Jr.</td>
<td>9/24/74</td>
</tr>
<tr>
<td>Instrument: Wild B-8</td>
<td>R.R. White</td>
<td>9/24/74</td>
</tr>
<tr>
<td>Scale: 1:30,000</td>
<td>NA</td>
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<tr>
<td>Planimetry by L.O. Neterer, Jr.</td>
<td>9/24/74</td>
<td></td>
</tr>
<tr>
<td>Contours by R. Robertson</td>
<td>9/24/74</td>
<td></td>
</tr>
<tr>
<td>Checked by R. Robertson</td>
<td>9/24/74</td>
<td></td>
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<tr>
<td>4. Manuscript Delineation</td>
<td>L.O. Neterer, Jr.</td>
<td>10/8/74</td>
</tr>
<tr>
<td>Method: Wild B-8 and Graphic</td>
<td>F. Margiotta</td>
<td>10/21/74</td>
</tr>
<tr>
<td>Planimetry by L.O. Neterer, Jr.</td>
<td>10/8/74</td>
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<td>Contours by F. Margiotta</td>
<td>10/21/74</td>
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<td>Checked by F. Margiotta</td>
<td>10/21/74</td>
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<tr>
<td>5. Office Inspection</td>
<td>F. Margiotta</td>
<td>10/21/74</td>
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<tr>
<td>Prior to Field Edit</td>
<td></td>
<td></td>
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<td>6. Application of Field Edit</td>
<td>J. Desch</td>
<td>2/1975</td>
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<tr>
<td>Data</td>
<td>A.L. Shands</td>
<td>3/1975</td>
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<tr>
<td>Checked by J. Desch</td>
<td>2/1975</td>
<td></td>
</tr>
<tr>
<td></td>
<td>C.H. Bishop</td>
<td>Sept. 1975</td>
</tr>
<tr>
<td>9. Data Forwarded to</td>
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<tr>
<td>Photogrammetric Branch</td>
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<td>10. Data Examined in</td>
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<tr>
<td>Photogrammetric Branch</td>
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<td>11. Map Registered - Coastal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Survey Section</td>
<td>V. Thanasia</td>
<td>Oct. 2/75</td>
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1. **COMPILATION PHOTOGRAPHY**

<table>
<thead>
<tr>
<th>NUMBER AND TYPE</th>
<th>DATE</th>
<th>TIME</th>
<th>SCALE</th>
<th>STAGE OF TIDE</th>
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<tbody>
<tr>
<td>73C(C)(I)-5127</td>
<td>10/25/73</td>
<td>10:26</td>
<td>1:60,000</td>
<td>3.3 ft. above MLW</td>
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<tr>
<td>73C(C)(I)-4248</td>
<td>9/30/73</td>
<td>10:00</td>
<td>1:60,000</td>
<td>7.2 ft. above MLW</td>
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<tr>
<td>(From Bridge CM-7205)</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>73C(C)(I)-4357</td>
<td>10/2/73</td>
<td>13:37</td>
<td>1:60,000</td>
<td>+0.2 ft. of MHW</td>
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<tr>
<td>74C(C)(I)-8989</td>
<td>4/6/74</td>
<td>15:26</td>
<td>1:60,000</td>
<td>+0.2 ft. of MLW</td>
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<tr>
<td>73C(C)(I)-4295</td>
<td>10/2/73</td>
<td>10:07</td>
<td>1:60,000</td>
<td>+0.2 ft. of MHW</td>
</tr>
</tbody>
</table>

**REMARKS**
- * Bridge and compilation photos, predicted tides.
- ** Tide coordinated photos at M.L.W. and M.H.W.

2. **SOURCE OF MEAN HIGH-WATER LINE:**

   The mean high water line was compiled 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 from tide controlled infrared photography.

4. **CONTEMPORARY HYDROGRAPHIC SURVEYS** *(List only those surveys that are sources for photogrammetric survey information.)*

<table>
<thead>
<tr>
<th>SURVEY NUMBER</th>
<th>DATE(S)</th>
<th>SURVEY COPY USED</th>
<th>SURVEY NUMBER</th>
<th>DATE(S)</th>
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<tbody>
<tr>
<td></td>
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5. **FINAL JUNCTIONS**

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<tr>
<th>JUNCTION</th>
<th>EAST</th>
<th>SOUTH</th>
<th>WEST</th>
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<tbody>
<tr>
<td>NORTH CM-7205</td>
<td>No Survey</td>
<td></td>
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<tr>
<td>TP-00497</td>
<td></td>
<td>TP-00658</td>
<td>No Survey</td>
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**REMARKS**
### History of Field Operations

#### I. Field Inspection Operation

<table>
<thead>
<tr>
<th>Operation</th>
<th>Name</th>
<th>Date</th>
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<tbody>
<tr>
<td>Chief of Field Party</td>
<td>R. Tibbetts</td>
<td>9/13/73</td>
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#### II. Source Data

<table>
<thead>
<tr>
<th>PHOTO NUMBER</th>
<th>STATION NAME</th>
<th>PHOTO NUMBER</th>
<th>STATION DESIGNATION</th>
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<tr>
<td>730(c)(I)</td>
<td>BEACH 2, 1933</td>
<td>4365</td>
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#### III. Other Field Records

CSI Card
### HISTORY OF FIELD OPERATIONS

<table>
<thead>
<tr>
<th>OPERATION</th>
<th>NAME</th>
<th>DATE</th>
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</thead>
<tbody>
<tr>
<td>1. CHIEF OF FIELD PARTY</td>
<td>Jeffrey G. Carlen, CDR</td>
<td>Jan., 1975</td>
</tr>
<tr>
<td>2. HORIZONTAL CONTROL</td>
<td>L.F. Beugnet</td>
<td>Jan., 1975</td>
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<tr>
<td>3. VERTICAL CONTROL</td>
<td>NA</td>
<td>NA</td>
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<tr>
<td>4. LANDMARKS AND AIDS TO NAVIGATION</td>
<td>L.F. Beugnet</td>
<td>Jan., 1975</td>
</tr>
</tbody>
</table>

| TYPE OF INVESTIGATION          | NA                        |

| PHOTO INSPECTION              | L.F. Beugnet              | Jan., 1975 |
| 7. BOUNDARIES AND LIMITS      | NA                        | NA         |

| SOURCE DATA                    |                           |
| 1. HORIZONTAL CONTROL IDENTIFIED | NA                        |
| 2. VERTICAL CONTROL IDENTIFIED |                           |

### PHOTO NUMBERS (Clarification of details)

74 C 3988

### LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

NA

###地理名称

5. geographic names: report: none

6. boundary and limits: report: none

### 补充地图

None

### 其他文件记录

Field Edit Ozalid & Field Edit Report.
### I. MANUSCRIPT COPIES

<table>
<thead>
<tr>
<th>DATA COMPILED</th>
<th>DATE</th>
<th>REMARKS</th>
<th>MARINE CHARTS</th>
<th>HYDRO SUPPORT</th>
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<tbody>
<tr>
<td>Compilation complete pending field edit</td>
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<tr>
<td>Field edit applied compilation complete</td>
<td>Feb. 1975</td>
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<tr>
<td>Final Review</td>
<td>Sept. 1975</td>
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### II. LANDMARKS AND AIDS TO NAVIGATION

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

<table>
<thead>
<tr>
<th>NUMBER</th>
<th>CHART LETTER NUMBER ASSIGNED</th>
<th>DATE forwarded</th>
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<tbody>
<tr>
<td>1</td>
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<td>6/4/75</td>
<td>Aids for charts</td>
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<tr>
<td>4</td>
<td></td>
<td>6/4/75</td>
<td>Landmarks for charts</td>
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### 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.

### IV. SURVEY EDITIONS

(This section shall be completed each time a new map edition is registered)

#### SECOND EDITION

<table>
<thead>
<tr>
<th>SURVEY NUMBER</th>
<th>JOB NUMBER</th>
<th>TYPE OF SURVEY</th>
<th>MAP CLASS</th>
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<tbody>
<tr>
<td></td>
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<td>Revised</td>
<td>Resurvey</td>
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<tr>
<td>DATE OF PHOTOGRAPH</td>
<td>DATE OF FIELD EDIT</td>
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#### THIRD EDITION

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<td>Revised</td>
<td>Resurvey</td>
</tr>
<tr>
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#### FOURTH EDITION

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<td>Revised</td>
<td>Resurvey</td>
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<tr>
<td>DATE OF PHOTOGRAPH</td>
<td>DATE OF FIELD EDIT</td>
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<td>IV.</td>
</tr>
</tbody>
</table>
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.
FIELD INSPECTION

TP-00657

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and identification of the horizontal control necessary for the aerotriangulation of the project.
Photogrammetric Plot Report
St. Mary's Entrance to St. Augustine Inlet
Florida
Job CM7306

21. **Area Covered** - This report pertains to the shoreline of Florida from St. Mary's 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 aero triangulation methods. The strip was controlled by field identified control panels 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 RH 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,

[Signature]

Approved and forwarded:

[Signature]

Chief, Aero triangulation Section
ST MARY'S ENTRANCE TO ST AUGUSTINE BIGHT, FLORIDA
PHOTOGRAMMETRIC PLOT REPORT
Job CM - 7205
Savannah to St. Mary’s Entrance Part II
Georgia

21. Area Covered

This project covers the shoreline from Brunswick, Georgia, to just north of St. Mary’s Entrance and joining job CM-7306. Included are three T-sheets (TP-00496, 497, and a portion of TP-00657). All sheets are 1:20,000 scale.

22. Method

One strip of color IR photography was bridged on the Wild STK1 in order to obtain pass point positions and exact scale ratios to be used during compilation.

The strip was adjusted on four triangulation stations with eleven additional triangulation stations as checks. The adjustment was performed on the IBM6600. All sheets were ruled and plotted on the Coradomat.

1:20,000 scale ratios were ordered.

Horizontal control complied with project instructions and held within National Map Accuracy.

The paneled substitute stations for Beach 2, 1933, and Little Cumberland Island Lighthouse, 1860, were seen only with extreme difficulty and the aid of the tandem black and white infrared photos. The difficulty encountered was due to placement of targets on sandy beach areas.

24. Supplemental Data

Vertical control for bridging only was obtained from local USGS quads.

25. Photography

Photography was adequate as to overlap, definition, and coverage.

Submitted by,
Michael L. McGinley

Approved by:
John D. Perrow, Jr.
Chief, Aerotriangulation Section
73·C·4241R to 4251R Color IR · Bridging 1:60,000
73·C·4287R to 4298R Color IR MHW 1:60,000
71·E(#)·9070 to 9080 & 9135A to 9145A 1:30,000 Color

JOB CM-7205
Savannah to St Mary's Entrance Part II
Georgia
Notes to Compiler

If needed, the 1971 color Low Water photos may be ratioed by compilation.

Return film positives and prints 73-6(6)-4294R, 4295R, 4248R and 4249R to Rockville after completion of compilation.
### DESCRIPTIVE REPORT CONTROL RECORD

<table>
<thead>
<tr>
<th>MAP NO.</th>
<th>JOB NO.</th>
<th>GEOGRAPHIC POSITION</th>
<th>ORIGINATING ACTIVITY</th>
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<tbody>
<tr>
<td>TP-00657</td>
<td>CM-7306</td>
<td></td>
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<tr>
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</table>

#### Source of Information (Index)

- **BEACH 2, 1933**: G.P. Vol. I, Pg. 52
- **GREYFIELD TANK, 1933**: G.P. Vol. I, Pg. 37
- **FERNANDINA, AMERICAN CONTAINER CORPORATION, NORTH STACK, 1954**: G.P. Vol. I, Pg. 956
- **FERNANDINA, AMERICAN CONTAINER CORPORATION, TANK, 1954**: G.P. Vol. I, Pg. 956
- **AMELIA ISLAND LIGHTHOUSE, 1905**: G.P. Vol. I, Pg. 37
- **FERNANDINA, MUNICIPAL TANK, 1954**: G.P. Vol. I, Pg. 956
- **JOLLY U.S.E., 1932**: G.P. Vol. I, Pg. 49
- **BEACH 2, 1933 (S.S.A.)**: 164 Form Washington

#### Coordinates in Feet

<table>
<thead>
<tr>
<th>Station</th>
<th>Source</th>
<th>Coordinates</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>BEACH 2, 1933</td>
<td>G.P. Vol. I</td>
<td>x= (30^\circ 43' 09.747'')</td>
<td>(\lambda = 81^\circ 28' 10.229'')</td>
</tr>
<tr>
<td>GREYFIELD TANK, 1933</td>
<td>G.P. Vol. I</td>
<td>y= (30^\circ 46' 43.163'')</td>
<td>(\lambda = 81^\circ 28' 07.540'')</td>
</tr>
<tr>
<td>FERNANDINA, AMERICAN CONTAINER CORPORATION, NORTH STACK, 1954</td>
<td>G.P. Vol. I</td>
<td>x= (30^\circ 40' 55.476'')</td>
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<tr>
<td>FERNANDINA, AMERICAN CONTAINER CORPORATION, TANK, 1954</td>
<td>G.P. Vol. I</td>
<td>y= (30^\circ 40' 52.326'')</td>
<td>(\lambda = 81^\circ 27' 20.190'')</td>
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<tr>
<td>AMELIA ISLAND LIGHTHOUSE, 1905</td>
<td>G.P. Vol. I</td>
<td>x= (30^\circ 40' 22.536'')</td>
<td>(\lambda = 81^\circ 26' 33.600'')</td>
</tr>
<tr>
<td>FERNANDINA, MUNICIPAL TANK, 1954</td>
<td>G.P. Vol. I</td>
<td>y= (30^\circ 40' 14.456'')</td>
<td>(\lambda = 81^\circ 27' 22.072'')</td>
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<tr>
<td>JOLLY U.S.E., 1932</td>
<td>G.P. Vol. I</td>
<td>x= (30^\circ 42' 59.656'')</td>
<td>(\lambda = 81^\circ 29' 43.453'')</td>
</tr>
<tr>
<td>BEACH 2, 1933 (S.S.A.)</td>
<td>164 Form Washington</td>
<td>y= (352,568.54'')</td>
<td>(\phi = 2,321,647.52'')</td>
</tr>
</tbody>
</table>

#### Computed by

A.C. Rauck, Jr.
DATE: 8/16/74

#### Computation checked by

J.R. Minton
DATE: 8/20/74
COMPILATION REPORT
TP-00657

31. **DELINEATION**

Delineation was by the Wild B-8 stereoplotter.

Ratio prints of tide controlled infrared photography were used to delineate graphically the MHW and MLW lines, holding shoreline pass points dropped by the Wild B-8 plotter for horizontal control.

32. **CONTROL**

See "Photogrammetric Plot Reports," undated, bound with this Descriptive 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**

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

36. **OFFSHORE DETAILS**

None

37. **LANDMARKS AND AIDS**

Copies of Form 76-40 for 1 non-floating aids to navigation and 4 landmarks were forwarded to the Rockville, MD office on June 3, 1975.
38. **JUNCTIONS**

See Item #5, Form 76-36b, bound with this Descriptive Report.

40. **HORIZONTAL AND VERTICAL ACCURACY**

No statement

46. **COMPARISON WITH EXISTING MAPS**

A comparison was made with the following U.S. Geological Survey Quadrangles: FERNANDINA BEACH, FL-GA, scale 1:24,000, dated 1958, and CUMBERLAND ISLAND SOUTH, GA, scale 1:24,000, dated 1958.

47. **COMPARISON WITH NAUTICAL CHARTS**

A comparison was made with the following National Ocean Survey chart: No. 1242, scale 1:80,000, dated Jan. 20, 1973.

**ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY**

None

**ITEMS TO BE CARRIED FORWARD**

None

Submitted by:

Lowell C. Neterer, Jr.
Cartographic Technician
Oct. 8, 1974

Approved:

Albert C. Rauck, Jr.
Chief, Coastal Mapping Section, AMC
ADDENDUM TO THE COMPILATION REPORT

TP-00657

FIELD EDIT

Adequate field edit was done by an experienced photogrammetrist in January, 1975.
15 August 1975

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00657

Amelia Island
Atlantic Ocean
Cumberland Island
Fort Clinch State Park
St. Marys Entrance

Approved by

[Signature]
Chas. E. Harrington
Staff Geographer-C51x2
## PHOTOGRAFMETRIC OFFICE REVIEW

### Control Stations
- **5. Horizontal control stations of third-order or higher accuracy**
  - NA
- **6. Recoverable horizontal stations of less than third-order accuracy (Topographic stations)**
  - NA

### Alongshore Areas (Nautical Chart Data)
- **12. Shoreline**
  - FPM
- **13. Low-water line**
  - FPM

### Physical Features
- **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

### Cultural Features
- **27. Roads**
  - FPM
- **31. Boundary lines**
  - NA
  - 32. Public land lines
  - NA

### Miscellaneous
- **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

### Reviewer
- **Reviewer:**
  - Frank P. Margiotta
  - 10/21/74

### Remarks
- **Field completion additions and corrections to the manuscript:**
  - 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
- **Compiler:**
  - J. Desch
  - A.L. Shands
  - 2/26/75
  - 3/10/75

### Remarks
- **Field edit applied from field edit ozalid; no photographs were necessary; the tower at 30° 40' 5" N, 81° 27' 16" was located by use of the stereoplotter.**

- Manuscript compilation complete.
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 PROOF 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
The following objects **HAVE** been inspected from seaward to determine their value as landmarks:

<table>
<thead>
<tr>
<th>Charting Name</th>
<th>Description</th>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIGHT</td>
<td>Amelia Island Light</td>
<td>30-04:00</td>
<td>69:00:00</td>
</tr>
<tr>
<td></td>
<td>(Amelia Island Lighthouse, 1905)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DATE:** Feb. 1975

**METHOD AND DATE OF LOCATION**

- Office: 73C(C)(I), 1973
- Field: 4/53

**CHARTS AFFECTED:**

- 4/13C
<table>
<thead>
<tr>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>DATUM</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>OFFICE</th>
<th>FIELD</th>
<th>CHARTS AFFECTED</th>
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</thead>
<tbody>
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<td></td>
<td>1611.3</td>
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<td>666.7</td>
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<td>1708.4</td>
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<td>537.1</td>
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<td></td>
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<td></td>
<td></td>
<td>45.456°</td>
<td></td>
<td>587.5</td>
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<tr>
<td>TOWER</td>
<td>Ht. = 303 (313)</td>
<td>N.A. 1927</td>
<td>30-40</td>
<td>54.10°</td>
<td>81-27</td>
<td>16.30°</td>
<td>1666.4</td>
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<td></td>
<td>54.10°</td>
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<td>43.4</td>
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</tr>
</tbody>
</table>
REVIEW REPORT TP-00657

SHORELINE

September 3, 1975

61. GENERAL STATEMENT:

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

A comparison print, showing shoreline differences noted in Par. 62, 63 and 65 is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with Surveys T-5131, T-5132, and T-5133, all 1:10,000 scale and all mapped from photography taken in November and December 1933. Shoreline differences are shown in blue on the comparison print.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with U.S.G.S. Quadrangles CUMBERLAND ISLAND SOUTH, GA, and FERNANDINA BEACH, FL-GA, both scale 1:24,000 and both dated 1959. Shoreline differences are shown in brown on the comparison print.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic surveys were available at the time of final review.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 11503, scale 1:20,000, 28th edition dated April 26, 1975. Shoreline differences are shown on the comparison print in red.
ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

Reviewed by:

Charles H. Bishop
Charles H. Bishop
Cartographer
September 3, 1975

Approved for forwarding:

Victor E. Serena
Chief, Photogrammetric Branch, AMC

Approved:

Chief, Photogrammetric Branch
Chief, Coastal Mapping Division
COMPARISON PRINT

Blue = T-5131
Brown = USGS
Red = Chart 11503

\[ 28' \]
\[ 81' 27' \]
\[ \alpha = 360,000 \text{ FT} \]
\[ 26' \]

\[ 39' \]

\[ 49' \]

\[ 39' 48' \]

TP-00657
1:20,000
COMPARISON PRINT
Blue = T-5132
Brown = USGS
Red = Chart 11503

TP-00657
1:20,000