# NOAA Form 76-35

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

## Descriptive Report

<table>
<thead>
<tr>
<th>Map No.</th>
<th>TP-00980</th>
</tr>
</thead>
<tbody>
<tr>
<td>Job No.</td>
<td>GM-7715</td>
</tr>
<tr>
<td>Map Classification</td>
<td>Final Field Edited</td>
</tr>
<tr>
<td>Type of Survey</td>
<td>Shoreline</td>
</tr>
</tbody>
</table>

## Locality

<table>
<thead>
<tr>
<th>State</th>
<th>Florida</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Locality</td>
<td>Tampa Bay</td>
</tr>
<tr>
<td>Locality</td>
<td>Mangrove Point to Sand Key</td>
</tr>
</tbody>
</table>

**1977 TO 1978**

## Registry in Archives

**Date**

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*U.S. GOVERNMENT PRINTING OFFICE: 1976-669-248*
### Descriptive Report - Data Record

**Photogrammetric Office**
Rockville, Md.

**Officer-in-Charge**
Cmdr. James Collins

### Instructions Dated

#### 1. Office
- General Instructions - Office-NOS Cooperative Coastal Boundary Mapping - Job PH-7000
- 9 December 1975
- Office 18 August 1977
- Amendment I 3 January 1978
- Amendment II 7 March 1978

#### 2. Field
- Field Instructions 27 December 1976
- Field Instructions 11 August 1977
- Amendment - Field Edit Procedures 30 January 1978

### Datums

#### 1. Horizontal:
- 1927 North American

#### 2. Vertical:
- Mean High-Water
- Mean Low-Water
- Mean Lower Low-Water
- Mean Sea Level

#### 3. Map Projection
- Lambert Conformal Conic

#### 4. Grid(s)
- State: Florida
- Zone: West

#### 5. Scale:
- 1:10,000

### History of Office Operations

<table>
<thead>
<tr>
<th>Operations</th>
<th>Name</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Aerotriangulation Method: Analytic Landmarks and Aids by</td>
<td>S. Solbeck</td>
<td>March 1978</td>
</tr>
<tr>
<td>2. Control and Bridge Points Method: Coradomat Plotted by</td>
<td>J. Taylor</td>
<td>May 1978</td>
</tr>
<tr>
<td>3. Stereoscopic Instrument Compilation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Office Inspection Prior to Field Edit</td>
<td></td>
<td>Sept 1978</td>
</tr>
<tr>
<td>6. Application of Field Edit Data</td>
<td>P. Dempsey</td>
<td>Jan 1979</td>
</tr>
<tr>
<td>7. Compilation Section Review</td>
<td>P. Wright</td>
<td>Jan 1979</td>
</tr>
<tr>
<td>10. Data Examined in Photogrammetric Branch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11. Map Registered - Coastal Survey Section</td>
<td>E. Daughtery</td>
<td>Nov 1978</td>
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</table>
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>
</tr>
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<tbody>
<tr>
<td>77E(C) 4454-4455</td>
<td>10/14/78</td>
<td>1014</td>
<td>1:30,000</td>
<td>The stage of tide is inapplicable for color photography. Refer to 76-36B(1) for tide information.</td>
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<tr>
<td>77K(R) 0985-0986</td>
<td>10/14/78</td>
<td>1450</td>
<td>1:30,000</td>
<td></td>
</tr>
</tbody>
</table>

**Remarks**: The rectified photography is B&W from the color photographs listed above.

2. **Source of Mean High-Water Line**:

The source of the MHW line is the tide-coordinated, Black and white, infrared photography listed in item 1. Where the MHW line is obscured by vegetation, such as mangrove, the apparent shoreline is delineated.

3. **Source of Mean Low-Water or Mean Lower Low-Water Line**:

GCLW photography was not available at time of compilation within accuracy standards. The low-water line was not compiled.

4. **Contemporary Hydrographic Surveys** *(List only those surveys that are sources for photogrammetric survey information.)*

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<thead>
<tr>
<th>SURVEY NUMBER</th>
<th>DATE(S)</th>
<th>SURVEY COPY USED</th>
<th>SURVEY NUMBER</th>
<th>DATE(S)</th>
<th>SURVEY COPY USED</th>
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<tbody>
<tr>
<td>Inapplicable</td>
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5. **Final Junctions**

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<th>NORTH</th>
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<th>SOUTH</th>
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<tr>
<td>TP-00977</td>
<td>TP-00981</td>
<td>TP-00983</td>
<td>TP-00979</td>
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**Remarks**: Final junctions will be made in the Coastal Mapping Section.
<table>
<thead>
<tr>
<th>LOCATION AND PHOTOGRAPHY</th>
<th>TIDE STATIONS (In operation at time of photography)</th>
<th>STAGE OF TIDE</th>
<th>MEAN RANGE</th>
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<tr>
<td>77K 0985 - 0986R</td>
<td>MHW</td>
<td>-0.21</td>
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<tr>
<td>77K 0985R</td>
<td>Shell Point, Little Manatee River</td>
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<tr>
<td>77K 0985R</td>
<td>Bahia Beach</td>
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<tr>
<td>77K 0986R</td>
<td>Mangrove Point Inside</td>
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**HISTORY OF FIELD OPERATIONS**

**TP-00980**

**Under ltr. dtd. 1/30/78 fr:**

**Chief, Coastal Mapping**

<table>
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<tr>
<th>OPERATION</th>
<th>NAME</th>
<th>DATE</th>
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<tr>
<td>1. CHIEF OF FIELD PARTY</td>
<td>R. R. Wagner</td>
<td>12/78</td>
</tr>
<tr>
<td>2. HORIZONTAL CONTROL</td>
<td>R. R. Wagner</td>
<td>12/78</td>
</tr>
<tr>
<td>3. VERTICAL CONTROL</td>
<td></td>
<td></td>
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<tr>
<td>4. LANDMARKS AND AIDS TO NAVIGATION</td>
<td>R. R. Wagner</td>
<td>12/78</td>
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**TYPE OF INVESTIGATION**

- **COMPLETE**
- **SPECIFIC NAMES ONLY**
- **NO INVESTIGATION**

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<th>6. PHOTO INSPECTION</th>
<th>CLARIFICATION OF DETAILS BY</th>
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<td>P. Dempsey</td>
<td>12/78</td>
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<th>7. BOUNDARIES AND LIMITS</th>
<th>SURVEYED OR IDENTIFIED BY</th>
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<tr>
<td></td>
<td>N.R.</td>
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**SOURCE DATA**

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<th>1. HORIZONTAL CONTROL IDENTIFIED</th>
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<tr>
<td>PHOTO NUMBER</td>
<td>STATION NAME</td>
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<tr>
<td>---------------</td>
<td>--------------</td>
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<table>
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<th>3. PHOTO NUMBERS (Classification of details)</th>
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<td>77B 4455</td>
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**LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED**

<table>
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<th>PHOTO NUMBER</th>
<th>OBJECT NAME</th>
<th>PHOTO NUMBER</th>
<th>OBJECT NAME</th>
</tr>
</thead>
</table>

**GEOGRAPHIC NAMES:**

- **REPORT**
- **NONE**

**BOUNDARY AND LIMITS:**

- **REPORT**
- **NONE**

**SUPPLEMENTAL MAPS AND PLANS**

**OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)**
### Record of Survey Use

**NOAA Form 76-36D**

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

#### I. Manuscript Copies

<table>
<thead>
<tr>
<th>Compilation Stages</th>
<th>Date</th>
<th>Remarks</th>
<th>Marine Charts</th>
<th>Hydro Support</th>
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<tr>
<td>Class III</td>
<td>10/5/78</td>
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<tr>
<td>Final</td>
<td>1/22/79</td>
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#### II. Landmarks and Aids to Navigation

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

<table>
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<tr>
<th>Number</th>
<th>Chart Letter Number Assigned</th>
<th>Date Forwarded</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>2</td>
<td></td>
<td>6/26/79</td>
<td>Digitized forms (76-40) submitted</td>
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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:**

#### IV. Survey Editions

(continues on the next page)

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**NOAA Form 76-36D**

**NO. S. GOVERNMENT PRINTING OFFICE: 1972-178075/1077 REPRINT NO. 6**
Coastal Zone Map TP-00980 is one of fourteen 1:10,000 scale and one 1:20,000 scale shoreline maps in Project CM-7715. 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-7715 will show the location of the individual maps from Rattlesnake Key to Oldsmar, Florida. 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 RC-6-B camera at 1:30,000 scale in October, 1977 and used in clarifying detail and compiling landmarks and aids to navigation. The shoreline was compiled using 1:30,000 scale infrared MHW photography taken with the RC-10-B & K cameras in November, 1977.

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 December, 1978. 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 editor 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 March, 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 this final map.
FIELD REPORT FOR CW-7715 & CW-7717

1. GENERAL

This report covers pre-marking, photo identification of control points, high and low water photographs. The project instructions were changed by Chief, Planning Branch in the range of tide for tidal photographs due to weather conditions.

Due to the size of pre-mark targets and the congestion of the area and targets being destroyed it was necessary to photo identify control points. This part of the field work was delayed due to receiving of the necessary photographs.

There were a number of tide pages in operation at the time of photography that could be used to supplement tidal data.

2. HORIZONTAL CONTROL

The following control stations were pre-marked or identified.

Control Point No. 1 DUNEDIN MIN K TANK 1972, Sub-point marked with array No. 1 with one wing. The data for this station was submitted with CW-7612 target No. 8. This station was not marked again because the grass on the golf course is still dead from when it was paneled a year ago. This panel should be transferred from CW-7612 photos.

Control Point No. 2 BOOTH 1926, Marked direct with array No. 1 and two wings.

Control Point No. 3 CYPRESS 2 1960 1975, Sub-point marked with array No. 1 and no wings. No room for wings.

Control Point No. 4 PETER 1946, Station marked direct with array No. 1 and no wings.

Control Point No. 5 TAMPA PENINSULAR TELEPHONE CO. MOBILE MAST 1955, Station marked direct on old base for tower without wings at request of owner.

Control Point No. 6 COL 1957, No target used. Station is a good point in center of bay in sea wall.
Control Point No. 7 PORT TAMPA, BLACK RUN TANK 1915, Station marked with array No. 1 on remains of standpipe. The tank has been removed. The four tank footings should be used as wings.

Control Point No. 8 GADSDEN 2 1908, Station marked direct with two wings.

Control Point No. 9 Y6 (FGS) 1934, Station marked direct with two wings.

Control Point No. 10 SANDY 1973, Station marked direct with one wing.

Control Point No. 11 BRIGHTWATER B 1973, Sub-point is center of approx. 12x12 foot dock. No target used, see photo 77C7588.

Control Point No. 12 FEDERAL 1973, Station marked direct on top of building. No wings used.

Control Point No. 13 TAM 1953, Sub-point marked with array No. 1 and one wing.

Control Point No. 14 DESOTO 1973, Sub-point with no target used.

Control Point No. 15 STUMP 1957, Sub-point. Panel destroyed and not replaced. Rockville office stated not needed because other target appears on this line.

Control Point No. 16 SUN CITY POWER CO SILVER WATER TANK 1934, Marked direct in center of four footings with array No. 1 without wings. Tank has been removed.

Control Point No. 17 GILLETTE 1934, Sub-point is the center of three concrete slabs in cemetery. No target used.

Control Point No. 18 MONET 2 1938, Sub-point panel was marked with array No. 1 without wings. This panel was not in place at time of photography. Other sub-points A & B were identified on photo 77C7504.

Control Point No. 19 PAIK 3 1924, Sub-point marked with array No. 1 without wings. Wings were not used at request of owner.

Control Point No. 20 MANATEE SILVER MUN WATER TANK 1925 (Cor of 10th St. and 9th Ave), Sub-point marked with array No. 1 and no wings.

Control Point No. 21 CONNER 1954, Station marked direct with array No. 1 without wings. No room for wings.
Control Point No. 22  SCHROEDER 1934, Station marked direct with array No. 1 and two wings.

Control Point No. 23  AMBER TR 27 (USE) 1953, Sub-point marked with array No. 1 and two wings.

Control Point No. 24  WHITFIELD ESTATES TANK 1934, Marked direct with array No. 1 and no wings. Tank is destroyed and target placed in center of tank footings.

Control Point No. 25  SARASOTA, RADIO STATION WSPR MAST 1953, Concrete base identified direct on 77C7516. The mast has been removed and a new mast was built west of old base in the last part of 1970.

Control Point No. 26  NORTHWEST 1876, Two sub-points were identified on photo 77C751B

Control Point No. 27  TT 41 JA 1952, Two sub-points were identified on photo 77C7523

3. PHOTOGRAPHS

Bridging - All bridging photography was flown on October 5, 1977.

Low Water - Flown on October 13 and 14, 1977

High Water - Flown on October 14 and November 8, 1977

4. TIDAL DATA

Leveling for tide station 872 6691, Port Tampa was done by this party and is submitted in one NOAA Form 76-77 for prior and after photography. All other tide stations used were leveled by Photo Party 65 when plates were removed. This data is in Tides Branch, Rockville, Maryland.

The following twelve tidal stations were used: 872-6620 (St Petersburg) in two volumes, 872-5943 (Blackburn Point) and 872-5939 (Venice, Roberts Bay) in one volume, 872-6621 (Port Tampa), 872-6247 (Bradenton), 872-6348 (Two Brothers Island), 872-6243 (Anna Maria), 872-6278 (Redfish Point), 872-6537 (Apollo Beach), 872-6159 (Whitfield Estates), 872-6738 (Safety Harbor) and 972-6639 (Ballast Point).

Submitted 1/31/78

Robert R. Wagner
Chief, Photo Party 66
PHOTOGRAMMETRIC PLOT REPORT
CM-7715
Tampa Bay, Florida
April 1978

21. Area Covered

The area covered by this report is the immediate shoreline surrounding Tampa Bay, Florida.

Fourteen 1:10,000 scale manuscripts (TP-00970 thru TP-00982 and TP-00984) and one 1:20,000 scale manuscript (TP-00983) are submitted.

22. Method

Five strips of 1:60,000 scale black-and-white photography were bridged by analytic aerotriangulation methods. Control was field identified. Office identified control was used as a check.

Tie points were used to insure adequate juctioning during the strip adjustments. Tie points were also used to ensure adequate juctioning between project CM-7612 and this project. These latter tie points provided the initial control for strip 77-C 7393 to 7401.

Common points were located on the bridging photography and the tide-coordinated infrared being used for ratio purposes. Additional common points were located between the bridging photography and the 1:30,000 scale color photography for compilation purposes. These latter points were located by the compilation section.

The manuscripts will be plotted by the compilation section.

23. Adequacy of Control

The majority of control proved adequate according to National Map Accuracy standards.

The position for Tampa Peninsular Telephone Company Mobile Mast, 1955 (401 100) would not fit into the adjustment by 310 feet in X and 998 feet in Y. The panel was apparently not located correctly by the field party. The correct image was located and measured accurately. The paneled location was measured on two separate strips and used to tie the strips together.

24. Supplemental Data

USGS quads were used to provide vertical control for the strip adjustments. Nautical charts 11413 and 11414 were used to locate aids and landmarks.
25. **Photography**

The coverage, overlap, and quality of the photography were adequate for the job.

26. **Comments on Strip Adjustment**

Preliminary strip adjustments of strips 2 and 4 indicate that discrepancies exist that are not normally expected. In strip 2 three points were used to form the second degree adjustment curve, and two control points were "floated" - to be used as check points. One fit within 2 feet and the other was off about 10 feet. These same two points were also "floated" in strip 3, both fit within less than 3 feet.

A similar phenomenon exists on strip 4 where again three points are used for the adjustment and a seemingly good check point is off about 12 feet.

The cause of this "lack of fit" can not be satisfactorily explained, however, the discrepancies in the vicinity of these control points can be reduced by using them in the adjustment. By doing this, they fit to within 6 feet.

Submitted by:

Steve Solbeck

Approved and forwarded:

Tom A. Norman

Acting Chief, Aerotriangulation Section
CM 7715
TAMPA BAY, FLORIDA

1:20,000 scale
CM 7715
Tampa Bay, Florida
1:20,000 (manuscript)
MHW Infrared
77B (R) & 77K (R)
1:30,000 Scale
<table>
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<th>STRIP #1</th>
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<th>Y</th>
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<td>-.075</td>
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<tr>
<td>352820</td>
<td>+ .407</td>
<td>- .915</td>
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<tr>
<td>396100</td>
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<td>+ .686</td>
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<td>398101</td>
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<td>+ .064</td>
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<td>401141</td>
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<td>AEROTRIANGULATION POINT NUMBER</td>
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<td>Tampa Bay Cut F Channel Range Front Light, 1957</td>
<td>Vol II pg 86</td>
<td>289</td>
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<td>Tampa Bay Cut E Channel Range Rear Light, 1957</td>
<td>Vol II pg 85</td>
<td>290</td>
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**COMPUTED BY**

DATE

**COMPUTATION CHECKED BY**

DATE

**LISTED BY**

A. Bethea

DATE Aug 1978

**LISTING CHECKED BY**

J. Batley

DATE Sept. 1978

**HAND PLOTTING BY**

DATE

**HAND PLOTTING CHECKED BY**

DATE

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.
31. **Delineation**

All features on this map were delineated by graphic methods. Rectified photos, controlled by map points determined by aerotriangulation, were used for interpreting cultural features and limits of vegetation.

The tidal datum lines were compiled from office interpretation of the ratio, tide-coordinated, black and white, infrared photography which was controlled by common detail from the rectified photographs. The location of shoal and shallow areas was positioned from the rectified photos.

32. **Horizontal Control**

Horizontal control was adequate. (See Photogrammetric Plot Report)

33. **Supplemental Data**

Field sketches were furnished by Tides and Water Levels Section which indicated the location of applicable tide stations.

34. **Contours and Drainage**

Contours are not applicable. Drainage was compiled from office interpretation of ration, tide-coordinated, infrared photographs.

35. **Shoreline and Alongshore Detail**

Office interpretation of tide-coordinated, black and white, infrared photography was adequate. The GCL&W infrared photography available was not within accuracy standards. Therefore, no low water line was shown.

36. **Offshore Details**

No unusual problems were encountered.

37. **Landmarks and Aids**

Refer to Form 76-40.

38. **Control for Future Surveys**

None
39. **Junctions**

Refer to 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 instructions PH-7000.

41. thru 45. Inapplicable

46. **Comparison with Existing Maps**

Comparison was made with the following USGS Quadrangle Map:

Ruskin, Florida 1969

47. **Comparison with Nautical Charts**

Comparison was made with the following Nautical Charts:

- 11413 - March 6, 1976 - 1:40,000
- 11414 - May 13, 1978 - 1:40,000

Items to be applied to Nautical Charts immediately: None

Items to be carried forward: None

Submitted by,

Alfred Bethea

Approved and Forwarded:

S. P. Battley, Jr.
Chief, Coastal Mapping Section
FIELD EDIT REPORT TP - 00980, JOB CM-7715

51. b METHODS

Field edit was performed under instruction dated 1/30/78 from Chief, Coastal Mapping Division, Rockville, Maryland.

The shoreline was inspected from a small boat while cruising just off shore and by truck.

Field edit notes will be found on the photographs and discrepancy print.

52. ADEQUACY OF COMPILATION

Adequate after application of field edit.

53. MAP ACCURACY

No test required

54. RECOMMENDATIONS

None

55. EXAMINATION OF PROOF COPY

Not required.

Submitted 12/18/78

[Signature]

Robert R. Wagner
Chief, Photo Party 66
61. General Statement

Refer to the summary bound with this Descriptive Report.

62. Comparison With Registered Topographic Surveys - None

63. Comparison With Maps of Other Agencies

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

64. Comparison With Contemporary Hydrographic Surveys - None

65. Comparison With Nautical Charts

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

66. Adequacy of Results and Future Surveys

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

Submitted by,

[Signature]
Patrick J. Dempsey
Cartographer

Approved and Forwarded,

[Signature]
George M. Ball
Chief, Photogrammetric Section

[Signature]
Ronald K. Brewer
Chief, Photogrammetry Branch
Bahia Beach (locality)
Banana Creek
Bird Key
Cabbage Creek
Chicken Island
Crab Creek
Hunter Pass
Little Manatee River
Mangrove Point
Negro Island
Pelican Cove
Sand Key
Sand Point
Shell Point
Tampa Bay
Tropical Island

Approved by:

[Signature]
Charles E. Harrington
Chief Geographer - C3x5
National Archives/Federal Records Center

Red Jacket:
- Field Notebooks - NOAA Forms 77-53
- NOAA Form 76-77
- 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
POSITIONS DETERMINED
AND/OR VERIFIED BY
FIELD AND OFFICE
ACTIVITIES

JOSEPH DI MARE
CHARLES F. LEWIS
ALFRED BETHEA
JAMES H. TAYLOR

FIELD REPRESENTATIVE
OFFICE COMPILER
DIGITIZER
DATA PROCESSOR

KEY FOR ENTRIES UNDER METHOD AND DATE OF LOCATION

FIELD (CONT'D)

A. PHOTOGRAMMETRIC 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

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.
* 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 DM ALTEK* OF LOCATION * CHARTS *
* NAME * PUT TRIANGULATION NAMES IN () * LONGITUDE DP DGTZD* OFFICE * FIELD * AFFECTED *

* ONLY THOSE NONFLOATING AIDS AND LANDMARKS TO NAVIGATION THAT WERE VISIBLE ON THE PHOTOGRAPHY AND LOCATED DURING *

* BRIDGING OR COMPILATION ARE SHOWN ON THIS MAP *

* TAMPA BAY *
* CUT E CHANNEL *
* RGE R (CUT E CHANNEL RANGE REAR) 27.46 18.86 580.5 NOT TRIANG 11413 *
* LIGHT (LIGHT, 1957) 82.31 03.02 82.7 DGTZD* 11414 *

* TAMPA BAY *
* CUT F CHANNEL *
* RGE F (CUT F CHANNEL RANGE FRONT) 27.47 59.14 1820.4 NOT TRIANG 11413 *
* LIGHT (LIGHT, 1957) 82.31 24.28 664.6 DGTZD* 11414 *

* TAMPA BAY *
* LITTLE MANATEE RIVER *
* LIGHT 1 27.43 44.26 1362.4 77E4455 11413 *
* 82.29 53.95 1477.8 10/14/77 11414 *
### INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

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<th>CHART</th>
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<th>REMARKS</th>
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*Note: C&GS-8352 supersedes all editions of Form C&GS-976.*