Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey: Topographic

Field No.: Ph-82(51) Office No.: T-9910

LOCALITY

State: Florida
General locality: Halifax River
Locality: Pledger Beach

1952-57

CHIEF OF PARTY
P. Taylor, Chief of Field Party
W.F. Deane, Baltimore Photo. Office

LIBRARY & ARCHIVES

DATE: July 31, 1959
DATA RECORD

T - 9910

Project No. (II): Ph-82(51) Quadrangle Name (IV):

Field Office (II): Brunswick, Georgia Chief of Party: Paul Taylor


Instructions dated (II) (III): 29 December 1951 15 February 1952 (Supplement I)
28 February 1952 (Supplement I)
14 March 1952 (Supplement II)
28 April 1952 (Supplement III)

Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:20,000 Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): 1.000 APR 11 1957

Date received in Washington Office (IV): Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date: Date registered (IV): 2/10/57

Publication Scale (IV): Publication date (IV):

Geographic Datum (III): N.A. 1927 Vertical Datum (III): MSL

Mean sea level except as follows: Elevations shown as (25) refer to mean high water Elevations shown as (S) refer to sounding datum i.e., mean low water or mean lower low water

Reference Station (III): SMITH, 1934

Lat.: 29° 25' 33.407" (1028.6 m) Long.: 81° 06' 09.138" (246.3 m) Adjusted

Plane Coordinates (IV):

State: Florida Zone: East

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.
All contouring done by:

John R. Smith,

Cartographic Survey Aid

Areas contoured by various personnel
(Show name within area)
(II) (III)
DATA RECORD

Field Inspection by (II): John S. Winter, Carto. Surv. Aid
Date: May, 1952

Shoreline Inspection by: H. R. Spies
Dec. 1952

Plane table contouring by (II): John R. Smith, Carto. Surv. Aid
Date: February, 1953

Completion Surveys by (II): J. K. Wilson
Date: 9 May 57

Map corrected to date of "W" camera (Oct. 1956) photography

Mean High Water Location (III) (State date and method of location): 1952, Field inspection,
measurements along ocean.

Date of photographs 1952-1956

Projection and Grids ruled by (IV): J. Allen
Date: 3/30/53

Projection and Grids checked by (IV): H. D. Wolfe
Date: 3/30/53

Control plotted by (III): J. C. Richter
Date: 7/9/53

Control checked by (III): J. Steinberg
Date: 7/10/53

Radial Plot (III): L. A. Senasack
Date: 1/15/54

Stereoscopic Instrument compilation (III):

- Planimetry
- Contours

Date:

Manuscript delineated by (III): J. Honick
Date: 11/27/56

Photogrammetric Office Review by (III): R. Glaser
Date: 12/12/56

Elevations on Manuscript
checked by (II) (III): R. Glaser
Date: 12/12/56

* See Item 14 page 10 of this report.
PHOTOGRAPHS (III)

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
</thead>
<tbody>
<tr>
<td>34927</td>
<td>2/13/52</td>
<td>11h8</td>
<td>1:20,000</td>
<td>2.3 above MLW</td>
</tr>
<tr>
<td>W 3808 thru W 3813</td>
<td>10/19/56</td>
<td>1038</td>
<td>1:20,000</td>
<td>2.5 inshore</td>
</tr>
<tr>
<td>W 3739</td>
<td>10/19/56</td>
<td>0057</td>
<td>1:20,000</td>
<td>1.5 inshore</td>
</tr>
</tbody>
</table>

Tide (III)

From predicted tables

<table>
<thead>
<tr>
<th>Reference Station</th>
<th>Mayport</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subordinate Station</td>
<td>Daytona Beach (Ocean)</td>
</tr>
</tbody>
</table>

Washington Office Review by (IV): S.G. Blankenbaker

Final Drafting by (IV): A.P. Berry

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 9
Shoreline (More than 200 meters to opposite shore) (III): 8 mi
Shoreline (Less than 200 meters to opposite shore) (III): 13 mi
Control Leveling - Miles (II): 6.5
Number of Triangulation Stations searched for (II): 13 Recovered: 8 Identified: 5
Number of BMs searched for (II): 7 Recovered: 4 Identified: 4
Number of Recoverable Photo Stations established (III): 2 (AZ. HK.)
Number of Temporary Photo Hydro Stations established (III):

Remarks:

No section corners were recovered.

Two section corners recovered by the field editor.

Points on line...
Summary to Accompany Topographic Map T-9910

T-9910 is one of twelve topographic maps in project PH-82 covering the Florida coast from New Smyrna Beach latitude 29°00' to St. Augustine latitude 30°00'. Included in the area covered by T-9910 is the town of Flagler Beach and the area to the south half-way to Ormond Beach.

PH-82 is a graphic compilation project. Field work in advance of compilation included complete field inspection and planetable contouring.

Map T-9910 was compiled at 1:20,000 scale. Nine-lens photographs taken in 1952 were used in field work. Un-mounted nine-lens photographs were used in the radial plot. The map was field edited in May 1957. 1956 "W" camera photographs were utilized in field edit and the compilation office application of field edit corrections. With the addition of hydrography data the map will be published by the Geological Survey at 1:24,000 scale.

Items registered under T-9910 will include a Descriptive Report, a positive impression on "croner" of the scribed copy of the manuscript and a lithographic print in colors of the Geological Survey quadrangle.
FIELD INSPECTION REPORT
Quadrangle T-9910
Project Fln-82(51)

The phases listed below are in addition to those phases shown on Pages 2 and 3:

<table>
<thead>
<tr>
<th>Name and Title</th>
<th>Phase</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Henry R. Spies,</td>
<td>Shoreline Inspection</td>
<td>July, 1952</td>
</tr>
<tr>
<td>Carto. Surv. Aid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>John S. Winter,</td>
<td>Horizontal Control</td>
<td>March, 1952</td>
</tr>
<tr>
<td>Carto. Surv. Aid</td>
<td>Vertical Control</td>
<td></td>
</tr>
<tr>
<td>John R. Smith,</td>
<td>Fly Levels</td>
<td>June, 1952</td>
</tr>
<tr>
<td>Carto. Surv. Aid</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. AREAL FIELD INSPECTION

The quadrangle lies along the Atlantic Beach in Flagler and Volusia Counties. A portion of the incorporated town of Flagler Beach falls within the quadrangle limits.

The area is typical North Florida dune country, with a heavy growth of scrub and palmetto. There is little industry carried on within this section. The beach portion caters to the winter and summer tourists and some citrus is grown along the Intracoastal Waterway.

The field inspection is believed to be adequate. Most of the buildings were indicated on the photographs for clearness and the principal minor roads and trails were outlined. The photography was good.

2. HORIZONTAL CONTROL

(a) No supplemental control was established.

(b) No datum adjustments were made.

(c) Stations which are within the limits of the quadrangle, but were not established by the USG&GS are:

<table>
<thead>
<tr>
<th>Station</th>
<th>Agency</th>
<th>Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC-25</td>
<td>Florida Geodetic Survey</td>
<td>Third.</td>
</tr>
<tr>
<td>AC-26</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>AC-27</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
</tbody>
</table>
(c) A search was made for all known control points. Stations reported as "destroyed", "lost", or "not recovered" are:

COLGNY, 1873
NELSON, 1873
AC-34 (Fla. Geod. Surv.), 1934
AC-35
AC-36

4. VERTICAL CONTROL

(a) A search was made for all known vertical control. Bench marks within the quadrangle are:

<table>
<thead>
<tr>
<th>Station</th>
<th>Agency</th>
<th>Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC-25</td>
<td>Florida Geodetic Survey</td>
<td>Third</td>
</tr>
<tr>
<td>AC-26</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>AC-27</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>BARD 2</td>
<td></td>
<td>2</td>
</tr>
</tbody>
</table>

(b) Six and one-half miles of supplemental levels were run with a Fye Level, beginning and closing on bench marks of third-order accuracy or higher, or on previously established level points. The greatest error of closure was 0.15 foot. The line was not adjusted.

(c) The first and last fly-level points are 10-1 and 10-10. Levels are recorded in one volume for quadrangles T-9910 and T-9911.

(d) Inapplicable.

5. CONTOURS AND DRAINAGE

The contouring was accomplished by standard planestable methods on 1:20,000 scale nine-lens photographs at an interval of five (5) feet.

Many irregular sand dunes are found along the beach section. The topographer has made an effort to draw all of the contours, however, because of the space involved on the 1:20,000 scale photographs, it was necessary to do some generalizing. The five foot contour along the beach is located one meter west of the high-water line. This high-water line is constantly changing. See Special Shoreline Report.

There are several spoil banks along the Intracoastal Waterway, which have been added since photography. The topographer has outlined the new spoil limits in red.

The drainage within the area is by Bulow Creek and the Intracoastal Waterway.
6. WOODLAND COVER

The coverage was classified in accordance with instructions for planimetric maps. See Field Inspection Report, Quadrangle T-9909 for woodland coverage in this area.

7. SHORELINE AND ALONGSHORE FEATURES

A Special Shoreline Report for the entire project was submitted in November, 1952, a copy of which is filed in the Field Inspection Report of Quadrangle T-9911.

8. OFFSHORE FEATURES

No offshore features were noted. See Special Shoreline Report, mentioned in heading No. 7 above, for the accuracy of the location of the mean low-water line.

9. LANDMARKS AND AIDS

For the nautical aids, see Special Shoreline Report. There are no nautical landmarks, aeronautical aids or interior landmarks recommended.

10. BOUNDARIES, MONUMENTS AND LINES

There were no section corners located within the quadrangle. One point on the county line, dividing Flagler and Volusia Counties, was pricked on photograph 34983. Two section corners & two points on line were located during field edit.

The report on boundaries will be the subject of a special report, which will be submitted at a later date.

11. OTHER CONTROL

There were no topographic or photo-hydro stations located.

Two 524 cards submitted for Azimuth Marks.

12. OTHER INTERIOR FEATURES

All roads have been classified in accordance with the Topographic Manual. Buildings have been shown on the control set of photographs. Only those, which are very obvious, have not been circled.

One bridge, overhead cable and a submarine cable have been shown on photograph 34983. A copy of the letter to the District Engineer on bridge discrepancies is included with the Special Shoreline Report.
13. **GEOGRAPHIC NAMES**

This will be the subject of a Special Report, which will be submitted at a later date.

14. **SPECIAL REPORTS AND SUPPLEMENTAL DATA**

A Coast Pilot Report, Shoreline Report, Boundary Report and Geographic Names Report will be submitted as special reports for the entire project.

Copies of the Shoreline Inspection Report are included with the Project Completion Report & the Descriptive Report for T-9911

6 April 1953
Submitted by:

[Signature]
John R. Smith,
Carto. Surv. Aid

15 April 1953
Approved by:

[Signature]
Paul Taylor
Lt. Comdr., USC&GS
Chief of Party
### MAP T-9910

<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION</th>
<th>LATITUDE OR Y-COORDINATE</th>
<th>LONGITUDE OR X-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC-25 POS, 1934</td>
<td>Volusia County Page 1</td>
<td>1,811,221.88</td>
<td>460,960.14</td>
<td>4,221.88 (5,778.12)</td>
<td>1286.8</td>
</tr>
<tr>
<td>Sub. Pt. AC-25, 1934</td>
<td>n</td>
<td>1,810</td>
<td>81</td>
<td>960.14 (9,039.86)</td>
<td>292.7</td>
</tr>
<tr>
<td>BARD 2, 1934</td>
<td>G-3013 p. 143</td>
<td>29, 28</td>
<td>81, 07</td>
<td>04,467</td>
<td>137.5</td>
</tr>
<tr>
<td>Sub. Pt. BARD 2, 1934</td>
<td>n</td>
<td></td>
<td></td>
<td>18,693</td>
<td>503.7</td>
</tr>
<tr>
<td>OTOS, 1934</td>
<td>G-3038 p. 122</td>
<td>29, 23</td>
<td>81, 05</td>
<td>34,387</td>
<td>1093.7</td>
</tr>
<tr>
<td>Sub. Pt. OTOS, 1934</td>
<td>n</td>
<td>29, 23</td>
<td>81, 05</td>
<td>14,850</td>
<td>100.4</td>
</tr>
<tr>
<td>SMITH, 1934</td>
<td>G-3040 p. 143</td>
<td>29, 25</td>
<td>81, 06</td>
<td>33,407</td>
<td>1076.5</td>
</tr>
<tr>
<td>Sub. Pt. SMITH, 1934</td>
<td>n</td>
<td>29, 25</td>
<td>81, 06</td>
<td>09,138</td>
<td>323.5</td>
</tr>
<tr>
<td>OSO, 1873</td>
<td>G-3040 p. 143</td>
<td>29, 23</td>
<td>81, 05</td>
<td>39,027</td>
<td>216.3</td>
</tr>
<tr>
<td>AC-26 POS, 1934</td>
<td>Volusia County p. 1</td>
<td>1,815,152.16</td>
<td>462,431.69</td>
<td>5,152.16 (4,847.84)</td>
<td>1570.4</td>
</tr>
</tbody>
</table>

**SCALE OF MAP: 1:20,000**

**SCALE FACTOR: N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS**

**COMPUTED BY: J.C. Richter**

**DATE: 23 June 1953**

**CHECKED BY: A. Queen**

**DATE: 3 July 1953**

**1 FT = 0.3048006 METER**
The Photogrammetric Plot Report is part of the Descriptive Report for Survey T-9943.

31. **DELINEATION**

Graphic methods were used to delineate this manuscript.

This manuscript was delineated from 1952 nine-lens photographs. After completion, changes were made to conform to 1956 single-lens photographs that became available.

32. **CONTROL**

The identification, density and distribution of control was adequate.

33. **SUPPLEMENTAL DATA**

The final name sheet dated 8/9/54, Ormond, Fla., Quad. was used for geographic names.

The AAA Highway map of Florida was used as a guide in determining road objectives.

Refer to boundary report Ph-82(51) March 1953 for information pertaining to boundary lines appearing on this manuscript.

Copies of the following plates were used to delineate the public land lines:

- T 12 S R 31 E (page 6, 7, 8)
- T 12 S R 32 E (page 16, 17)
- T 13 S R 31 E (page 10, 11, 15)
- T 13 S R 32 E (page 18, 19, 20)

Maps of Flagler County, exhibit "A" and Volusia County, exhibit "Q", Special boundary report, Project Ph-35 A & B.

34. **CONTOURS AND DRAINAGE**

No comment.

35. **SHORELINE AND ALONGSHORE DETAILS**

The shoreline inspection was adequate. The low-water line was delineated from data furnished by the field party.

36. **OFFSHORE DETAILS**

No comment.
37. **LANDMARKS AND AIDS**

Forms 567 are being submitted for three (3) non-floating aids to navigation to be charted. A Form 567 for six (6) non-floating aids to be deleted was previously submitted.

Since the date of field inspection, additional aids have been moved or discontinued. Only those aids whose positions have not been changed are shown on this manuscript.

Refer to page 3 of the shoreline report and to letter 731 mkd dated 14 December 1953. Subject: Aids to Navigation - Project Ph-92 - Florida.

All aids to navigation were relocated during field edit.

38. **CONTROL FOR FUTURE SURVEYS**

Form 524 is being submitted for one (1) Azimuth Mark.
[Red text: TWO(2) Azimuth Marks]

39. **JUNCTIONS**

Junctions have been made and are in agreement with T-9909 to the west and T-9911 to the south. An all water area to the north and east.

40. **HORIZONTAL AND VERTICAL ACCURACY**

No comment.

41. **PUBLIC LAND LINES**

An overlay has been prepared to show the section and grant lines to aid the field editor. Because of the lack of identified corners and the necessity for arbitrary adjustments made in plotting, these lines are all considered unreliable.

42 - 45. Inapplicable.

46. **COMPARISON WITH EXISTING MAPS**

Comparison has been made with A.M.S. Quad. Ormond, Florida, scale 1:50,000, published 1948.
47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Chart No. 843, scale 1:100,000, published January 1952 and corrected to 8 September 1956.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
28 November 1956

Jack Honick
Carto. Photo. Aid

Approved and forwarded

William F. Deane
CDR, C&GS
Baltimore District Officer
GEOGRAPHIC NAMES

T-9910

Flagler Beach vicinity, Florida

Atlantic Ocean
Bulow Creek
Flagler Beach
Flagler County
Halifax Creek
Intracoastal Waterway
John Anderson Highway
Mound Grove
Smith Creek
Tiger Hammock
Volusia County

Names approved
4-16-57

Lenard
Leonard B. Knox Memorial Bridge
Florida A1A(Hwy)
PHOTOGRAMMETRIC OFFICE REVIEW

1. Projection and grids
2. Title
3. Manuscript numbers
4. Manuscript size

CONTROL STATIONS
5. Horizontal control stations of third-order or higher accuracy
6. Recoverable horizontal stations of less than third-order accuracy (topographic stations)
7. Photo-hydro-stations
8. Bench marks
9. Plotting of sextant fixes
10. Photogrammetric plot report
11. Detail points

ALONGSHORE AREAS
(Nautical Chart Data)
12. Shoreline
13. Low-water line
14. Reefs, shoals, etc.
15. Bridges
16. Aids to navigation
17. Landmarks
18. Other alongshore physical features
19. Other alongshore cultural features

PHYSICAL FEATURES
20. Water features
21. Natural ground cover
22. Planetary contours
23. Stereoscopic instrument contours
24. Contours in general
25. Spot elevations
26. Other physical features

CULTURAL FEATURES
27. Roads
28. Buildings
29. Railroads
30. Other cultural features

BOUNDARIES
31. Boundary lines
32. Public land lines

MISCELLANEOUS
33. Geographic names
34. Junctions
35. Legibility of the manuscript
36. Discrepancy overlay
37. Descriptive Report
38. Field inspection photographs
39. Forms

Reviewer
Supervisor, Review Section of Unit

40. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT
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
Supervisor

43. Remarks:
FIELD EDIT REPORT
Project 24170(6082)
Quadrangle T-9910

The field edit of this quadrangle was accomplished during the months of April and May 1957.

51. METHODS

The inspection of the quadrangle was accomplished by traversing all roads by truck, walking to other areas which required special attention, and by skiff along the waterways. Instructions were followed in accordance with letter to Baltimore District Office, dated 9 November 1956, 731-mkl. Standard surveying methods were used for other corrections and additions.

All additions, corrections and deletions have either been indicated on the field edit sheet, referenced to the field photographs or answered directly on the discrepancy print. A legend, describing the colored inks used, is shown on the field edit sheet. Purple ink was used for additional information on the photographs and on the discrepancy print.

One 1:20,000 scale print is submitted as a field edit sheet.

Fourteen photographs, on which field edit information has been shown, are listed as follows:

<table>
<thead>
<tr>
<th>56-W-3808</th>
<th>56-W-3969</th>
<th>34983A</th>
</tr>
</thead>
<tbody>
<tr>
<td>3909</td>
<td>3970</td>
<td></td>
</tr>
<tr>
<td>3910</td>
<td>3972</td>
<td></td>
</tr>
<tr>
<td>3911</td>
<td>3973</td>
<td></td>
</tr>
<tr>
<td>3912</td>
<td>3974</td>
<td></td>
</tr>
<tr>
<td>3913</td>
<td>3976</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3977</td>
<td></td>
</tr>
</tbody>
</table>

52. ADEQUACY OF COMPILATION

The compilation was adequate with the exceptions and additions indicated by the field edit data.

This quadrangle has changed very little since the original field inspection. There have been a few buildings constructed, numerous spoil areas enlarged from the 1953 dredging operations and several ditches made since the original work.

All fixed aids to navigation were re-located during the
field edit. These aids were identified on the 1:10,000 1956 photographs by the direct method. A new position for all of the aids was not requested on the discrepancy print, however, since all could be identified by the direct method, it was felt that a check of their old position could be easily accomplished by the compiler. Form 567 is submitted for all aids within the limits of this quadrangle.

A portion of the southern corporate limits of Flagler Beach was incorrectly shown during the original field inspection. It includes an area from the ocean to the Intracoastal Waterway. The new limit line is shown on photograph 56-W-3812. This change will affect both quadrangle T-9910 and T-9909.

Two section corners, one point on County Line and one point on section line were recovered and identified on the photographs. Form M-2286-12 is submitted for each. The overlay, prepared by the compilation office, has helped the field editor considerably in recovering the public land lines. It is to be noted, that in most cases, that the section corner positions determined by the compiler closely check the recovered corners during the field edit.

A new bridge, across the Intracoastal Waterway, was constructed in 1955. Vertical clearance was determined from a fly-level elevation; also a measurement was made at time and date to provide a check measurement. Clearances for the bridge are noted on the discrepancy print. This is an arched bridge and the vertical clearance was measured from both the center of the arch and from the lowest point.

The woodland cover, adjacent to the Atlantic Beach, is mostly low palmetto. These areas should be shown as "Open" as the palmettos are three to four feet in height.

53. MAP ACCURACY

The horizontal positions of the map detail appear to be good. No standard vertical accuracy test was requested and none was made.

The contours were visually checked and were found to adequately depict the terrain. Since the original contouring, many contours have changed due to new construction along the ocean and change of spoil areas along the Intracoastal Waterway. These man-made changes have been re-contoured and shown on the photographs.

54. RECOMMENDATIONS

None
55. EXAMINATION OF PROOF COPY

Mr. D.D. Moody, registered land surveyor of the State of Florida and a resident of the area for fifty years, has agreed to examine a proof copy of this quadrangle for possible errors. Mr. Moody's address is: 401 North Anderson Street, Bunnell, Florida.

All geographic names were verified as shown on the advance print of the manuscript. However, the name HIGH BRIDGE is in dispute. A plaque on the bridge shows this bridge as the LEONARD B. KNOX MEMORIAL BRIDGE. The name HIGH BRIDGE is used almost exclusively by the local residents. Either name would be correct, but it is recommended that the name be changed to LEONARD B. KNOX MEMORIAL BRIDGE.

9 May 1957
Submitted by:

Ira R. Rubottom
CDR, USC&GS
Chief of Party

Joseph K. Wilson
Cartographer
Review Report
Topographic Survey T-9910
July 14, 1958

61. General Statement

Field edit was accomplished in May 1957. In accordance with instructions the map was corrected to the Date of the "W" camera photographs (Oct. 1956).

62. Comparison with Registered Topographic Surveys—

<table>
<thead>
<tr>
<th>Survey</th>
<th>Scale</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-1298</td>
<td>20,000</td>
<td>1873</td>
</tr>
<tr>
<td>T-4066</td>
<td>&quot;</td>
<td>1924</td>
</tr>
<tr>
<td>T-4552</td>
<td>&quot;</td>
<td>1928</td>
</tr>
</tbody>
</table>

T-9910 supersedes these surveys for nautical charting in common areas.

63. Comparison with Maps of Other Agencies

Ormond, Fla. (AMS) 1:50,000, 1948

The AMS quad is outdated.

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

<table>
<thead>
<tr>
<th>Chart</th>
<th>Scale</th>
<th>Date</th>
<th>Revision</th>
</tr>
</thead>
<tbody>
<tr>
<td>843</td>
<td>1:40,000</td>
<td>1952</td>
<td>revised 11/25/57</td>
</tr>
<tr>
<td>1244</td>
<td>1:80,000</td>
<td>1930</td>
<td>revised 4/14/58</td>
</tr>
</tbody>
</table>

Many cultural changes occurred during the period between field inspection and field edit. Some of the aids to navigation are not shown in the positions listed on the 567 forms submitted by the field office (1957).

66. Adequacy of Results and Future Surveys

This map complies with the National Standards of Map Accuracy and Bureau Requirements.

67. Land Grants

The meandering grant line of section 43, C. W.

* The new positions (determined by this survey) of some of the aids to navigation have not been applied to Nautical Chart 843. Forms 567 are on file in the Nautical Charts Branch.
67. Land Grants con'd

Bulow Grant is not shown on the manuscript. The grant could not be adjusted to the section lines or natural features without assuming many arbitrary breaks in the traverse.

Reviewed by:

J. G. Blankenbaker

Approved by:

C. L. Ludlow
Chief, Review & Drafting Section
Photogrammetry Division

Lee Lunson
Chief, Photogrammetry Division
17 July 59

Chief, Nautical Charts Br.

Chief, Coastal Surveys Div.
**DEPARTMENT OF COMMERCE**
U. S. COAST AND GEODETIC SURVEY

**NONFLOATING AIDS OR LANDMARKS FOR CHARTS**

TO BE CHARTED **STRIKE OUT ONE**

Baltimore, Maryland December 1956

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by R. Glaser

<table>
<thead>
<tr>
<th>STATE</th>
<th>FLORIDA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CHARTING NAME</strong></td>
<td><strong>DESCRIPTION</strong></td>
</tr>
<tr>
<td>DAYBEACON 47</td>
<td>Smith Creek Daybeacon</td>
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<tr>
<td>DAYBEACON 48</td>
<td></td>
</tr>
<tr>
<td>DAYBEACON 54</td>
<td>Halifax Creek Daybeacon</td>
</tr>
</tbody>
</table>

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if reetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

M.2936-3
DEPARTMENT OF COMMERCE  
U.S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

St. Augustine, Florida
August 1952

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be added on (deleted from) the charts indicated.

The positions given have been checked after listing by Henry R. Spies

<table>
<thead>
<tr>
<th>STATE</th>
<th>FLORIDA</th>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>SIGNAL NAME</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>DATUM</th>
<th>METHOD OF LOCATION AND SURVEY NO.</th>
<th>DATE OF LOCATION</th>
<th>CHARTS AFFECTED</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>DAYBEACON 41</td>
<td>Smith Creek Daybeacon</td>
<td></td>
<td>29 27.0</td>
<td>81 07.3</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>DAYBEACON 42</td>
<td></td>
<td></td>
<td>29 26.8</td>
<td>81 07.2</td>
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<td></td>
<td></td>
<td>DAYBEACON 44</td>
<td></td>
<td></td>
<td>29 26.2</td>
<td>81 06.8</td>
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<td>X</td>
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<td></td>
<td>DAYBEACON 45</td>
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<td></td>
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<tr>
<td></td>
<td></td>
<td>DAYBEACON 50</td>
<td>Halifax River Daybeacon</td>
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<td>29 24.2</td>
<td>81 05.8</td>
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<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>DAYBEACON 53</td>
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<td></td>
<td>29 23.3</td>
<td>81 05.1</td>
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<td></td>
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</tbody>
</table>

Sec. 855 (51) for new positions

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS
I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by R. Glaser

### Charting Name

<table>
<thead>
<tr>
<th>Charting Name</th>
<th>Description</th>
<th>Signal Name</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Datum</th>
<th>Method of Location and Survey Rating</th>
<th>Date of Location</th>
<th>Harbor Chart</th>
<th>Offshore Chart</th>
<th>Charts Affected</th>
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<tr>
<td>Smith Creek Daybeacon (20)</td>
<td>29 26 1636 81 07 641</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Plot</td>
<td>1957</td>
<td>X</td>
<td>n</td>
<td>843</td>
</tr>
<tr>
<td>Smith Creek Daybeacon (21)</td>
<td>29 26 1291 81 07 121</td>
<td>28.22</td>
<td>57.07</td>
<td></td>
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<td>T-9910</td>
<td>1957</td>
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<tr>
<td>Smith Creek Daybeacon (22)</td>
<td>29 26 869 81 06 1538</td>
<td></td>
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<td>n</td>
<td>n</td>
<td>X</td>
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<tr>
<td>Smith Creek Daybeacon (23)</td>
<td>29 25 865 81 06 652</td>
<td></td>
<td>24.19</td>
<td></td>
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<td>n</td>
<td>n</td>
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<tr>
<td>Smith Creek Daybeacon (24)</td>
<td>29 24 1368 81 06 461</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n</td>
<td>n</td>
<td>X</td>
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<td>n</td>
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<tr>
<td>Halifax Creek Daybeacon (26)</td>
<td>29 24 238 81 05 1421</td>
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<td></td>
<td></td>
<td></td>
<td>n</td>
<td>n</td>
<td>X</td>
<td>n</td>
<td>n</td>
</tr>
<tr>
<td>Halifax Creek Daybeacon (28)</td>
<td>29 23 1121 81 05 1013</td>
<td></td>
<td></td>
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<td>n</td>
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<tr>
<td>Halifax Creek Light (29)</td>
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<td></td>
<td>37.57</td>
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<td>Halifax Creek Daybeacon (30)</td>
<td>29 22 59.86 81 05 21.55</td>
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<tr>
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<td>29 22 1212 81 05 361</td>
<td></td>
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<td>n</td>
<td>X</td>
<td>n</td>
<td>n</td>
</tr>
</tbody>
</table>

Some as L. 855 (57)

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*TABULATE SECONDS AND METERS*
# Nautical Charts Branch

**Survey No.** T-9910

## Record of Application to Charts

<table>
<thead>
<tr>
<th>DATE</th>
<th>CHART</th>
<th>CARTOGRAPHER</th>
<th>REMARKS</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Before After Verification and Review</td>
</tr>
<tr>
<td>4/28/60</td>
<td>843</td>
<td>E. Thomas</td>
<td>Considered completely applied until Oct. 1960</td>
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<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Before After Verification and Review</td>
</tr>
</tbody>
</table>

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

Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.