9911

9911

| Diag. | Cht. | No. | 1244. |
|-------|------|-----|-------|
| | | | |

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-9911 |
| LOCALITY |
| State Florida |
| General locality Halifax River |
| Locality Ormond Beach |
| |
| 194 52-57 |
| · CHIEF OF PARTY |
| P. Taylor, Chief of Field Party |
| E.H.Kirsch, Baltimore Photo. Office |
| LIBRARY & ARCHIVES |
| |
| 7-12- 27 7050 |

B-1870-1 (I)

T - 9911

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

Field Office (II): Brunswick, Georgia

Chief of Party: Paul Taylor

Photogrammetric Office (III): Baltimore, Md.

Officer-in-Charge: E. H. Kirsch

W. F. Deane

Copy filed in Division of

Photogrammetry (IV)

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)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:20,000

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

Scale Factor (III): 1.000

Date received in Washington Office (IV):12-5- 55 Date reported to Nautical Chart Branch (IV): 12-12-56

Applied to Chart No.

Date:

Date registered (IV): 4/6/59

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 (5) refer to sounding datum i.e., mean low water or mean lower low water

Reference Station (III): FRONA, 1934

Lat.: 29° 18' 41.668" (1282.9m) Long.: 81° 02' 58.058" (1566.7m)

Adjusted 1000600606

Plane Coordinates (IV):

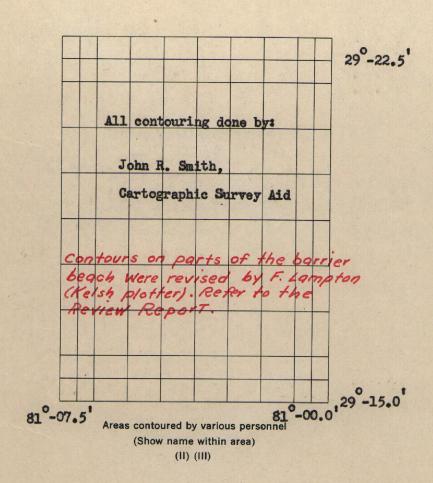
State: Florida

Zone: East

X=

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.



DATA RECORD

Field Inspection by (II): Henry R. Spies,

Cartographic Survey Aid

Date: April, 1952

Planetable contouring by (II): John R. Smith,

Cartographic Survey Aid

Date: March to May,

1953

Completion Surveys by (II): J.K. Wilson

Date: March , 1957

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

Oct. 1956 (W"camera Photographs)

Projection and Grids ruled by (IV): J. Allen

Date: 10/20/52

Projection and Grids checked by (IV): H. R. Cravat

Date: 10/22/52

Control plotted by (III): J. C. Richter

Date: 7/9/53

Control checked by (III): J. Steinberg

Date: 7/23/53

Radial Plot Costantes and

EARDERSON by (III): L. A. Senasack

Date: 1/15/54

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours F. Lampton

Date: July 21,1958

Manuscript delineated by (III): J. Honick

Date: 10/25/56

Photogrammetric Office Review by (III): R. Glaser

Pate: 11/26/56

Elevations on Manuscript

checked by (II) (III):

R. Glaser

Date: 11/26/56

Camera (kind or source) (III):

U. S. C. & G. S. Nine lens

| | | PHOTOGRAPHS (III) | | |
|--|--------------------|-------------------|----------|--------------------------|
| Number | Date | Time | Scale | Stage of Tide |
| 34927 thru 34930 34984 | 2/13/52 2/14/52 | 1150 | 1:20,000 | 2.3 above MIW 3.6 " " |
| 34944 thru 34946 56w 3650 thru 3652 | 2/13/52 | 1215 | 11 | All land area |
| 56 W 3740 " 3747 | 11 | 1000 | 1:20,000 | Interior |
| 56W 3800 11 3807 | U. | 1035 | ti. | 2.A above MLW |

Tide (III) From predicted tables

Reference Station:

MAYPORT

Subordinate Station: Subordinate Station: Daytona Beach (Ocean)

Washington Office Review by (IV): 5.6. Blankenbaker

Final Drafting by (IV):

R.A. Carter

Date: Sept. 1958

Date: May 13, 1959

Spring Range

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Date:

Date:

Ratio of Mean

Ranges

Range

Land Area (Sq. Statute Miles) (III): 31

Shoreline (More than 200 meters to opposite shore) (III): 31 mi. Shoreline (Less than 200 meters to opposite shore) (III): 16 mi.

32 Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): Number of BMs searched for (II):

29 Recovered: 13 Recovered: 16 12 Identified: 12 Identified:

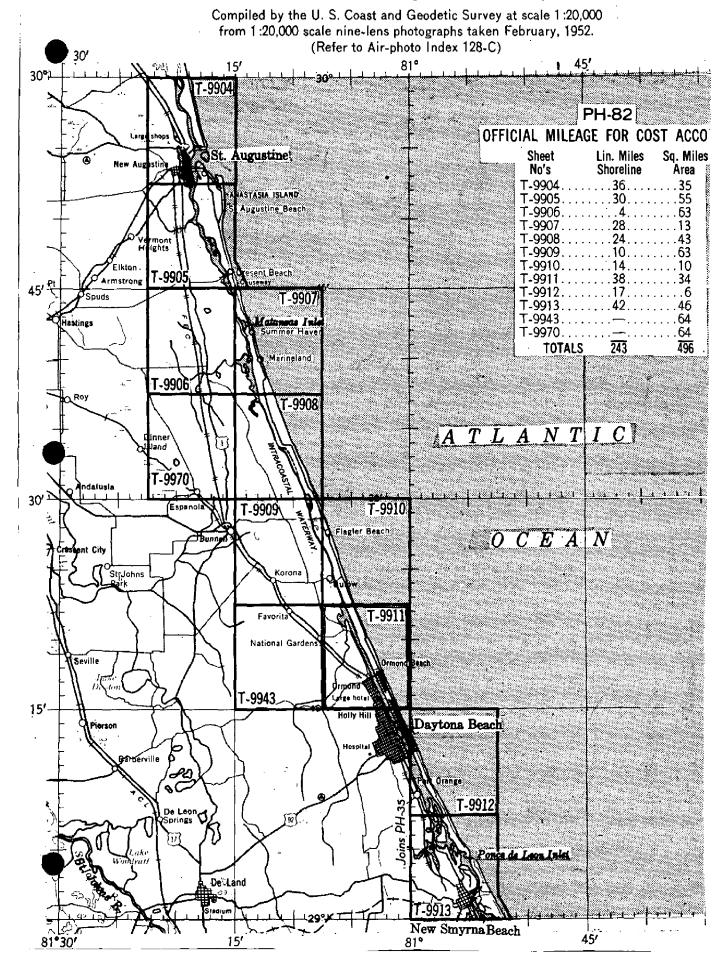
Number of Recoverable Photo Stations established (III): 2 (Az. Mks.)

Number of Temporary Photo Hydro Stations established (III):

Remarks:

TOPOGRAPHIC MAPPING PROJECT PH-82 Page 5

FLORIDA - EAST COAST, St. Augustine to New Smyrna Beach



SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT T-9911

Topographic map T-9911 is one of 12 similar maps in project PH-82 and is in the south half of the project. It covers the city of Ormond Beach and surrounding area including parts of the cities of Holly Hill and Daytona Beach.

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

The map was compiled at 1:20,000 scale. Nine lens photographs taken in February 1952 were used for field work and office compilation. Field edit was accomplished in March 1957. New photography (1956 "W" camera 1:20,000 and 1:10,000 scale) was available for the work. The map was corrected to the date of the new photography. With the addition of hydrographic data the map will be published by the Geological Survey at a scale of 1:24,000.

Items registered under T-9911 will include a Descriptive Report, a positive impression on cronar of the scribed copy of the manuscript and a lithographic print in colors of the published Geological Survey quadrangle.

FIELD INSPECTION REPORT Quadrangle T-9911 Project Ph-82(51)

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

| Name and Title | Phase | <u>Date</u> |
|--|---|--|
| Henry R. Spies, Cartographic Survey Aid | Vertical Control Horizontal Control Shoreline | March, 1952 March, 1952 July, 1952 |
| John R. Smith, Cartographic Survey Aid | Fly Levels | June, 1952 |

2. AREAL FIELD INSPECTION

The area lies in the extreme northeastern portion of Volusia County. The incorporated town of Ormond Beach and a portion of the towns of Holly Hill and Daytona Beach fall within the quadrangle limits.

Tomoka Airport, which is located in the southwest portion of the sheet, was an auxiliary airport of the Navy during World War II. It is now leased to local cattlemen for pasturage.

The Florida Board of Parks owns three pieces of property within the quadrangle, namely: Tomoka State Park, Addison Blockhouse, and Ormond Tomb. Tomoka State Park is open to the public, but has not been fully developed. It is a part of the old Oswald plantation and in it are found the old Indian mounds and relics of the seventeenth and eighteenth centuries. The Addison Blockhouse lies across the river from the Tomoka State Park. This property has not been developed. Within the area is a small coquina blockhouse and a bricked grave of John Addison the owner of the flourishing plantation in the early nineteenth century. Ormond Tomb commemorates the burial place of James Ormond II. This man was the owner of a large plantation and the nearby town. has been named in his honor. A coquina tomb with a marble cover is open to the public.

The chief industries are citrus, cattle-raising, turpentining and logging. The beach section caters to the summer and winter tourists.

The field inspection is believed to be adequate. The photographs were easily interpreted.

4.41.1

3. HORIZONTAL CONTROL

(a) A third-order monumented traverse was measured from BP-187 (Fla. Geod. S.), 1934 to T-8 (Fla. Geod. S.), 1935 to establish control in the southwestern portion of the quadrangle. One monumented station and two temporary points along the traverse line were identified for control of the radial plot. See Field Inspection Report T-9943 for discussion of the traverse.

Mommented stations KIRTON and BOWERS, 1952 were established. Stations BP-T-63, BP-T-70 and KIRTON were identified on the photographs.

Along the beach, one control point was established by a short traverse from a Coast and Geodetic Survey station.

All other existing control was searched for and a sufficient amount identified.

- (b) No datum adjustments were made.
- (c) Stations, which are within the limits of the quadrangle, but were not established by the Coast and Geodetic Survey are:

| Station | Agency | Order |
|---------------------|-------------------------|-------|
| T-5, 1934 T-6, " | Florida Geodetic Survey | Third |
| T-7 " | n | 11 |
| T-8 # | tt | 19 |
| T-9 " | 11 | 11 |
| T-10 " | , n | ព |
| T-11 " | n | n |
| T-116 " | n | 17 |

(e) A search was made for all known control points. Stations reported as "destroyed", "lost" or "not recovered" are:

ARENA, 1873
DAMON, 1872
ESPERANZA, 1873
GRAHAM, 1934
HALIFAX, 1874
HERCULES, 1873
OSWALD, 1873
PALOMA, 1873
PINE POINT, 1874
QUIXOTE, 1873
TOMOKA, 1873
T-113 (Fla. Geod. S.), 1934
G-8 (USE), 1931

4. VERTICAL CONTROL

(a) A search was made for all known vertical control. Bench marks of third-order or higher accuracy within the quadrangle are:

| <u>Station</u> | Agency | <u>Order</u> |
|----------------|---------------------------------|--------------|
| T-31 U-31 | U. S. Coast and Geodetic Survey | First |
| T-5 T-6 | Florida Geodetic Survey | Third |
| T-7 | # | ti |
| T-8 | 11 | 11 |
| T-9 T-10 | | . 11 11 |
| T-11 | n | 11 |

A fourth-order level line was run during the measurement of the traverse. Elevations were established on all mommented stations and Form 638 submitted.

- (b) Thirty-two miles of supplemental levels were run with a Wye Level, beginning and closing on bench marks of third-order or higher accuracy, or on previously established level points. The greatest error of closure was 0.37 foot. This was the only line adjusted.
 - (c) The first and last fly-level points are 11-1 and 11-34.
 - (d) Inapplicable.

5. CONTOURS AND DRAINAGE

The contouring was done on 1:20,000 scale nine-lens photographs by standard planetable methods.

The topographer has tried to draw all contours along the sand dunes of the beach area. Some generalization was necessary because of the space provided on the 1:20,000 scale photographs. The five foot contour has been drawn along the beach, but should be ignored and drawn by the compiler one meter west of the mean high-water line. This is due to the rapid shoreline change in this area, therefore the contours would not necessarily agree with the measurements made to the high-water line in July and August, 1952.

The western portion of the quadrangle is generally irregular. It is composed of several sand ridges, some of which attain a height of thirty-nine feet.

The drainage is by the Halifax and Tomoka Rivers and numerous small ditches and canals. The drainage has been delineated on the photographs in accordance with the Director's letter, dated 11 August 1952.

6. WOODLAND COVER

The coverage was classified in accordance with instructions for Planimetric Mapping. The several different tones have been sufficiently labeled on the photographs. Where the swamp limits are indefinite (along contours), the areas have been completely delineated by the field inspector in red.

7. SHORELINE AND ALONGSHORE FEATURES

A Special Shoreline Report is submitted for this project, a copy of which is filed with this report.

8. OFFSHORE FEATURES

No offshore features were noted during the field inspection. The location of the low-water line is discussed in the Special Shoreline Report.

9. LANDMARKS AND AIDS

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

10. BOUNDARIES, MONUMENTS AND LINES

Three section corners and two grant corners were located on the photographs. Form M-2226-12 is submitted for each. See Special Report on Boundaries submitted in April, 1953.

11. OTHER CONTROL

There were no topographic or photo-hydro stations established.

12. OTHER INTERIOR FEATURES

All roads and buildings have been classified in accordance with the Topographic Manual. This work was done on the control set of photographs.

Three bridge clearances are shown on photographs 34928 and 34929. A submerged cable and a water main are located along the Ormond Beach Bridge. A copy of the letter to the District Engineer on bridge discrepancies is included with both the Shoreline and Coast Pilot Reports.

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 a Geographic Names Report will be submitted as Special Reports for the entire project.

Field work was discontinued on this project during May, 1953, therefore, the Geographic Names Investigation will not be done until the 1954 season.

11 May 1953 Submitted by:

John R. Smith.

Cartographic Survey Aid

18 June 1953 Approved by:

Paul Taylor

Commander, USC&GS

Chief of Party

SHORELINE INSPECTION REPORT Project Ph-82(51) August, 1952

The shoreline was inspected in accordance with project instructions dated 29 December 1951 and the Topographic and Hydrographic Manuals. The work was accomplished by Henry R. Spies, Cartographic Survey Aid during the period May to August, 1952.

This report is being written to be forwarded with the shoreline data, prior to the completion of other phases for the project and copies will also become a part of the Descriptive Report for Quadrangle T-9911.

SHORELINE INSPECTION

The shoreline inspected extends from about 7 miles north of St. Augustine to New Smyrna Beach and consists of the shoreline along the ocean beach and the Intracoastal Waterway and its navigable tributaries.

The mean high water line and (or) apparent shoreline has been indicated by the field inspector in sufficient areas to enable the compiler to delineate the remainder without difficulty.

On the ocean beach, measurements were taken from identifiable detail to both the mean high and low water lines. In some cases, particularly near the southern end of the project, it was impossible to establish a definite tone quality for the low water line, but it is believed that sufficient measurements have been taken to enable the compiler to make a straight line interpolation between measurements and maintain the desired accuracy.

The low water line along the Intracoastal Waterway was indicated on the photographs from a visual inspection at the time of low water when practical.

Most of the shoreline is in its natural state, except in the vicinity of cities and towns. In these areas, piers, wharves, buildings, etc. have been shown in accordance with the Topographic Manual.

All submarine cables, overhead cables, and bridge clearances over navigable water have been measured and indicated on the photographs. It will be noted that there are several fixed wood bridges and overhead power and telephone lines along U. S. Highway No. 1 in the vicinity of Spruce Creek and Rose Bay. The clearances of these have not been measured as navigation in these waters is limited to skiffs and outboard motors. In a similar instance, overhead clearances have not been shown for the power

and telephone lines crossing Tomoka River. Navigation on the river is limited by the presence of three fixed bridges, with a maximum clearance of about 10 feet; it is further limited by a controlling depth of 3 to 4 feet at the mouth of the river.

The following paragraphs are devoted to a very brief description of the area inspected. It is to be noted that the shoreline has been divided into several sections with the same general characteristics, and that no attempt is made to give a detailed description of any area, except where it is felt that this information will be of value to the compiler.

The shoreline along the Tolomato and Matenzas Rivers is bordered by a strip of marsh varying in width from several hundred feet to one mile. Shell banks along the outer edge of this marsh generally designate the low water line in these areas.

From Matanzas Inlet to the Halifax River, the Intracoastal Waterway generally follows a dredged canal, which, in some places, is bounded by spoil banks of about 40 feet in elevation. Due to dredging operations, spoils are continually being thrown up in this area and will be located by planetable.

The shoreline of the Halifax River from the mouth of Tomoka River to Port Orange is mostly fast land with a strip of grass in water ranging in width from 2 to 20 meters. In some instances this grass is of sufficient density to warrant the designation as apparent shoreline, but in most cases should be termed grass in water and drafted as such. The areas of apparent shoreline have been indicated by the field inspector.

From Port Orange to the southern extent of the project there are heavy growths of mangrove, with an average height of about 15 feet. The shoreline in this mangrove area is mostly apparent.

The ocean shoreline is generally straight, broken only by St. Augustine Inlet, Matenzas Inlet, and Ponce de Leon Inlet. The beach from the northern project limit to St. Augustine is a mixture of fine sand and shell (coquina gravel) and is quite soft with a slope ranging from moderate to steep. From St. Augustine to Matenzas Inlet it is gently sloping, hard packed sand, capable of carrying light vehicular traffic at low tide. South from Matenzas Inlet to a point about 5 miles north of Ormond Beach, the beach is steeply sloping and composed almost wholly of fine shell. Extending south from Marineland for about 2 miles is a projection of a coquina rock ledge. This feature is the only rock beach encountered in the project and is indicated on the photographs. From Ormond Beach to the southern extent of the project, the beach is similar in appearance and composition to that in the vicinity of St. Augustine.

AIDS TO NAVIGATION

All fixed aids to navigation were located according to the project instructions. When visible on the photographs, the aids were identified direct, but for the greater part were located by theodolite cuts taken from photo points along the shore or by measuring a direction and distance from photo points. The theodolite cuts consisted of three direct and reverse pointings with a Wild T-2 theodolite, with a minimum of three cuts taken to each aid. When possible, triangulation stations were used for azimuth, but here again it was necessary to rely on photo points for the most part of the work. Control Identification Cards (Form M-2226-12) are submitted for all photo points. Where an aid has been located by a direction and distance from a photo point, it has been noted on the card for the respective point.

A Nautical Chart has been prepared as a progress sketch, showing the approximate location of all photo points and the cuts taken to each aid. These charts should be forwarded to Nautical Charts as they contain notes pertaining to deletions of piling, etc.

Near the southern end of the project, a great number of aids have been destroyed during dredging operations, which are now in progress along the Intracoastal Waterway. According to the Officer-in-Charge of the Ponce de Leon Inlet Coast Guard Station, the contracts to replace these aids have been let to a private concern by the U.S. Engineers, but no information was available as to the date that they would be replaced. Several dredges are still in operation along the Waterway at the present time, and it is highly probable that a number of the aids located by this party will be destroyed in the near future. It is believed that this matter should be called to the attention of the field editor, and he should make a visual inspection of all aids in the project to verify their existence, besides locating those reported as destroyed in this report. All aids have been listed on Form 567. Those which were destroyed at the time of field inspection have been listed on the deleted form. However, it is believed that they will be replaced in the near future.

LANDMARKS FOR CHARTS

All charted landmarks and several new ones have been identified and listed on Form 567. No landmarks have been deleted from the charts.

RECOMMENDATIONS

It is believed not out of place to stress, at this time, the advantages of larger scale photography on similar projects where such a large number of aids to navigation are encountered. It is believed that with larger scale photographs of this area, most of the aids could have been identified directly on the photographs, creating a considerable saving in time and expense. This matter was discussed with Captain Reading at the time of his visit to the party and appears to be under consideration.

SPECIAL REPORTS AND SUPPLEMENTAL DATA

A letter has been written and submitted to the Jacksonville District Engineer, listing discrepancies in the published bridge clearance data. A copy of this letter is enclosed in this report.

2 December 1952 Submitted by:

Henry R. Spies, Cartographic Survey Aid

17 December 1952 Approved by:

Paul Taylor Lt. Comdr., USC&GS Chief of Party

DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY

POST-OFFICE ADDRESS:

P. O. Box 539

Brunswick, Georgia

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

18 August 1952

District Engineer Jacksonville District Corps of Engineers P. O. Box 4970 Jacksonville 1, Florida

Gentlemen,

During the course of field work by this party, along the east coast of Florida from St. Augustine to New Smyrna Beach, the following discrepancies were noted in the "List of Bridges Over Navigable Waters of the United States, dated 1941" and its Supplement dated 1948. Field measurements are given first, followed by published measurements.

| Above th | Nearest Town | Owner | Type Bridge | Horiz. | Vert. Cl. H. W. |
|----------|----------------------------------|------------------------------|-----------------------|-----------------------------------|--------------------|
| 0 | St. Augustine Matanzas Inlet | State Road Dept. of Florida | F F | 38.0 40.0 | 11.0 10.5 |
| 36,8 | St. Augustine Tolomato River | ff | AT AT | 89.5 68.0 | *83.8 *82.7 |
| | | (*) Lift span raised. | | | |
| 37.9 | St. Augustine Matanzas River | State Road Dept. of Florida | B B | 76.7 60.0 | 24.0 27.4 |
| 48•2 | Crescent Beach Matanzas River | n | B B | 79•3 79•5 | 10.1 6.4 |
| 70.5 | Flagler Beach Smith Creek | Flagler County | B Sw | 91.0 53.0 | 14.1 4.0 |
| | | (Note: This is a new bridge. | .) | | |
| 84.8 | Ormond Halifax River | Volusia County | Swws E Sww E | pan 54.6 54.4 55.75 55.8 | 2.2 3.2 |
| | | | | - ' | |

| Miles Above | Nearest Town | Owner | Type Bridge | Horiz. | Vert. Cl. H. W. |
|----------------|--------------------------------------|--------------------------------|-----------------------------------|------------------------------|-------------------------------|
| 89.0 | Seabreeze Halifax River | Volusia County | B W span SW E " | 89.7 41.7 45.7 | 20 . 1 6 . 4 |
| | | (Note: This is a new bridge.) |) | | |
| 94.1 | Port Orange Halifax River | State Road Dept. of Florida | В | 91.9 | 20.9 |
| | (Note: This is a new | bridge and is not listed in 1 | bridge book.) | | |
| 105.2 | Coronado Beach Hillsborough River | State Road Dept. of Florida | | | |
| | | (Note: New bridge under const | truction.) | | |
| 106.7 | New Smyrna Hillsborough River | State Road Dept. of Florida | SW W span E " SW W n E " | 56.1 58.1 58.0 58.0 | 5•0 4•8 |

Very truly yours,

Paul Taylor Lt. Comdr., USC&GS Chief of Photo. Party #1

cc: The Director, USC&GS

The photogrammetric plot report is part of the Descriptive Report for T-9943.

FORM 164 (4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

CONTROL RECORD

SCALE OF MAP. 1:20,000

24170

PROJECT NO ...

MAP T. 9911

COAST AND GEODETIC SURVEY

1 of

SCALE FACTOR

FROM GRID OR PROJECTION LINE FROM GRID OR PROJECTION LINE IN METERS COMM- DC-57843 (BACK) 18 FORWARD (1562.2) 52.4) (2069.μ) 557.2) (1131.7) 15.4) (1699.4) (1615.0)(4916) 7.2) 840.4) (1769.3)(552.0)(1784.6)304.9) 335.8) 298.4) 573.5) 316.6) (6.019)589.2) (BACK) N.A. 1927 - DATUM FORWARD 1029.5 147.9 978.6 715.6 78.0 62.7 232.3 285.1 1611.9 2207.6 151.5 1007.9 1027.3 1282.9 1566.7 1273.8 1067.8 1062.6 1321.2 1530.7 1314.7 1602.7 DATUM CORRECTION DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS (6789.45)(2757.38) (BACK) FORWARD 3210.55 7242.62 PLOTTED CRAPHICALLY ONGITUDE OR x-COORDINATE LATITUDE OR V-COORDINATE 23.243 38.079 59.426 9.7.64 **11.668** 39.55 07.545 02.535 48.705 Oh. 80µ 37.359 57.058 467,242.62 1,793,210.55 9 20 9 ဗ R 8 ង 8 03 8 18 9 8 8 16 22 8 ಠ ಠ ૪ 29 23 29 8 29 23 2 81 23 엺 8 8 81 81 8 8 81 8 8 81 DATUM N.A. 1927 舞 = z 8 × 22 = SOURCE OF Plane Parad P- 205 0-6209 p- 795 G-3038 p. 122 G-3038 p. 122 G-3038 p. 122 p. 174 G-3040 P- 144 G-3040 Comp (INDEX) Comp ARENA 2, 1934 ARENA 2, 1934 STATION TOMOKA, 1873 TOMOKO, 1934 KIRTON, 1952 TOMOKO, 1934 HOMER, 1874 HOMER, 1874 ARENA, 1873 FRONA, 1934 Sub. Pt. HOMER, 1874 FRONA, 1934 Sub. Pt. Sub. Pt. Sub. Pt.

COMPUTED BY. J. C. Richeer.

DATE 26 June 1953

CHECKED BY: A. Queen

DATE 3 JULY 1953

DESCRIPTIVE REPORT U.S. DEPARTMENT OF COMMERCE

2/170

PROJECT NO...

MAP T.9911

FORM **164** (4-23-54)

COAST AND GEODETIC SURVEY CONTROL RECORD SCALE OF MAP 1:20,000

SCALE FACTOR

FROM GRID OR PROJECTION LINE FROM GRID OR PROJECTION LINE IN METERS COMM- DC- 57843 (BACK) 19 FORWARD L23.6) 373.4) 425.0) (2,090.8)(2,906.3)(2,099.9) 839.3 971.9) (1,017.2)(1,043.8)323.9) 369.5) (2,550.8)(1,351.0)(1,48222) (2,817.3)(1,267.7)(2,832.2)151.0) 317.1 (494-3) (1,724.0)(2,533.6) (1266.h (BACK) N.A. 1927 - DATUM 948.1 957.2 1780.3 215.8 230.7 803.5 497.2 514.4 602.3 2730.9 2553.7 1324,0 FORWARD 2208.7 875.4 1697.0 1563.8 1781.6 2897.0 141.7 1295.5 1422.3 1250.1 1623.7 1246.2 DATUM 464.85 (9,535.15) 8.378.26 (1,621.74) OR PROJECTION LINE IN METERS (4,869.30) (1,040.49)(5.656.12)(8,312,33)(8,368,90) (4,432,49) (4,155,00)(495-57) DISTÂNCE FROM GRID IN FEET, (9,243.1)(9,292.1)(6.859.7)(4,159.1)(BACK) 8,959.51 5,130,70 FORWARD 4.343.88 1,631.10 5,845,00 1,687.67 5,567.51 707.9 756.9 3,140.3 5,840.9 LONGITUDE OR x-COORDINATE 16.243 46.166 LATITUDE OR y-COORDINATE 22,313 47.999 46.195 28.434 16,312 26.097 1,800,464.85 1,804,343,88 1,785,130,70 1,799,504.43 478,378.26 471,687.67 1,791,631,10 485,845.00 465,567.51 1,790,756.9 183,1hp.3 480,707.9 1,795,840.9 8 91 19 8 6 7 8 17 1,790 9 29 29 29 23 81 8 8 81 DATUM N.A. 1927 = SOURCE OF INFORMATION Volusia Plane Padde p. 205 G-30h0 P-144 p. 801 ORMOND MUNICIPAL G-3040 WATER TANK CENTER p. 190 0-6209 (INDEX) ក<u>ខ</u> ខ<u>ខ</u> ORMOND MUNICIPAL FLA. GEOD. FLA. GEOD. 1934 T-5 FLA. GEOD. S. 1934 T-8 (FLA. GEOD. S.: 1934 T-9 (FLA. GEOD. S.) 1934 T-6 (FIA. GEOD. S., 1934 CHIMNEY, 1906 COQUINA (Base KIRTON, 1952 BOWERS, 1952 rod on hotel ORMOND, 1934 STATION tower) 1934 Sub. Pt. S.) 1934 T-10 1934 T-8 T-7 ŝ

26 June 1953 DATE

COMPUTED BY J. C. Richter

1 FT. = .3048006 METER

снескер ву: А. Queen

DATE 3 JULY 1953

| FORM 164 (4-23-54) | | | DESCRIPTIVE REPORT | RT CONTROL RECORD | | 3 of 3 |
|---|----------------------------|--------------|--|---|-----------------------|--|
| MAP T. 9911 | | PROJECT NO | CT NO. 24170 | SCALE OF MAP 1:29,000 | 00000 | SCALE FACTOR |
| | | DATUM | LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE | DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK) | DATUM . CORRECTION | N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK) FORWARD (BACK) |
| Sub. Pt. T-10 FIA. GEOD. S. | | | 1,800 | | | 1,293.8 (1754.2) 568.6 (2479.4) |
| | Volusia Co. | N.A. 1927 | 1,811,405,58 | 1,405.58 (8,594.42) 5,114.88 (4,885.12) | | 1,559.0 (1489.0) |
| Sub. Pt. T-11 (FIA. GEOD. S.) | | | 1,810 | | | 570.7 (2477.3) |
| F-113 FLA. GEOD. Volusia S. 1934 p. 12 | Volusia Co. p. 12 | = | 1,799,516,91 | 9,516.91 (483.99) | | 2,900.8 (147.2) 326.0 (2722.0) |
| T-116 FLA. GEOD. S. 1934 | | D . | 1,795,196.42 | 5,196,42 (4,803,58) 260,86 (9,739,14) | | 1,583.9 (1464.1) 79.5 (2968.5) |
| BF T-63 1952 | Plane Pad Pad 205 | | 1,788,309.67 | 8,309.67 (1,690.33) 2,978.96 (7,021.04) | | 2,532.8 (515.2) |
| Sub. Pt. BP-T-63, 1952 | Not Monumented | ed | 1,780 | | | 2,333.4 (714.6) 742.1 (2305.9) |
| BP T-70, 1952 | Plane Page 206 | | 1,797,463.40 | 7,463.40 (2,536.60) 2,928.74 (7,071.26) | | 2,274,8 (773,2) 892,7 (2155,3) |
| Sub. Pt. BP-T-70,1952 | Not Menumented | P P P | 1,790 | | | 2,281.4 (766.6) 985.1 (2062.9) |
| G 8 U.S.E., 1934 | g-3040 p- 174 | | 29 19 58.92 81 04 36.47 | | | 1,814.0 (33.3) % |
| | | | | | | |
| 1 FT. = .3048006 METER COMPUTED BY. J. C. | C. Richter | | DATE 26 June 1953 | CHECKED BY: | dneen | COMM- DC-57845 DATE 6 July 1953 |

COMPILATION REPORT T-9911

The Photogrammetric Plot Report is part of the Descriptive Report for survey T-9943.

31. DELINEATION

Graphic methods were used to delineate this manuscript.

Ormand Tomb, referred to in the field report, falls on survey T-9910.

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.

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

T-13S R 31 E (page 10, 11, 15) T-13S R 32 E (page 18, 19, 20) T-14S R 31 E (page 12, 13, 14) T-14S R 32E (page 21, 22, 23)

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 reservations and boundary lines appearing on this manuscript.

The following local maps were also available:
Ormond Beach, exhibit "D"
Tomoka State Park, exhibit "H"
Tomoka Airport, exhibit "M"
Addison Blockhouse, exhibit "L"
Volusia County, exhibit "Q", Special boundary report, Project Ph-35A to 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 two (2) landmarks and four (4) nonfloating aids to navigation to be charted, also for five (5) non-floating aids to be deleted.

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 the manuscript.

Refer to page 3 of the Shoreline Report and to letter 731 mkl, dated
14 December 1953. Subject: Aids to Navigation - Project Ph-82 - Florida.
Positions for all pids to Navigation were verified or re-established
by the field editor.

38. CONTROL FOR FUTURE SURVEYS

Forms 524 are being submitted for two azimuth marks.

39. JUNCTIONS

Junctions have been made and are in agreement with T-9910 to the North, USGS Quadrangle, Daytona Beach (T-9100, 1952) to the South and T-9943 to the west. An all water area to the east.

Refer to Review Report - Lunctions"

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. PUBLIC LAND LINES

Some of the grant lines are considered reliable. Most of the section lines are considered unreliable. In a few places roads and ditches were found which appeared to be on the lines.

42. - 45

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with Bureau Survey T-4552 (1930) scale 1:20,000 and A.M.S. Quad. Ormand, Florida, scale 1:50,000, published 1948.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Chart No. 843, scale 1:40,000, 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 26 October 1956

Jack Honick

Carto. Photo. Aid

Approved and forwarded

William F. Deans

CDR, C&GS

Baltimore District Officer

T-9911.

Geographic Names.

Addison Blockhouse Ruins (State owned)
Atlantic Ocean
Anacape Rains Mission Ruins

Bryan I land

Ellinor Village Golf Course (No. 25)

Florida East Coast

Halifax River
Hand Canal
Holly Hill
Hillside Cemetery (No. 5)
Intracoastal Waterway
Old Dixie Highway
Ormond Beach
Ormond-by-the Sea
Ortona
National Gardens
Pilgrim's Rest Curch (No. 8)

Rio Vista Golf Course

Shady Rest Cometery

Tomoka Airport (Abandoned)

Romoka Basin

Tomoka Estates

Tomoka River

Tomoka State Park

Tropical Gardens

Volusia County

U.S. 1 State AlA

> Names approved 12-19-56 L. Heck.

M-2623-12

PHOTOGRAMMETRIC OFFICE REVIEW

T. 99//

| 1. Projection and grids2. Title3. Manuscript numbers4. Manuscript size |
|---|
| CONTROL STATIONS 4a. Claraffication label |
| 5. Horizontal control stations of third-order or higher accuracy 6. Recoverable horizontal stations of less |
| than third-order accuracy (topographic stations) |
| 9. Plotting of sextant fixes10. Photogrammetric plot report 11. Detail points |
| ALONGSHORE AREAS |
| (Nautical Chart Data) |
| 12. Shoreline13. Low-water line14. Rocks, sheets, etc15. Bridges16. Aids |
| to navigation 17. Landmarks 18. Other alongshore physical features 19. Other along - |
| shore cultural features |
| |
| PHYSICAL FEATURES |
| 20. Water features 21. Natural ground cover 22. Planetable 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. Legiblity of the manuscript 36. Discrepancy |
| overlay 37. Descriptive Report 38. Field inspection photographs 39. Forms |
| 40. R. Slaser _ mesh Steinburg |
| Reviewer Supervisor, Review Section of Unit |
| 41. 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. |
| J. Honick Frank TARCER |
| combiner anhateleast |

43. Remarks:

FIELD EDIT REPORT Project .24170 (6082) Quadrangle T-9911

The field edit of this quadrangle was accomplished during the months of February and March 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.

One 1:20,000 scale print is submitted as a field edit sheet. One additional print, which covers a portion of the sheet, is submitted with the information on fixed aids to navigation.

Thirty-one photographs, on which field edit information has been shown, are listed as follows:

| 56-W-3741 | 56-W-3650 | 56-W-3800 | 56-W-3978 | 34929 |
|-----------|--------------|--------------|-----------|-------|
| 3742 | 3651 | 3801 | 3980 | |
| 3743 | 3652 | 3802 | 3981 | |
| 3744 | 365 4 | 3803 | 3982 | |
| 3745 | 3655 | 3804 | 3983 | |
| 3746 | | 3805 | 3984 | |
| 3747 | | 380 6 | 3985 | |
| | | 3807 | 3986 | |
| | | | 3988 | |
| | | | 3990 | |

52. ADEQUACY OF COMPILATION

The compilation was adequate with the exceptions and additions indicated by the field edit data. It is believed that the compilation will be complete after these are applied.

This area has changed considerably since the original field inspection, especially along the atlantic beach. Many new sub-divisions have been constructed and others are in progress. Numerous cultural changes have occurred throughout.

U.S. Highway I was under construction during the field edit. This highway will eventually be a four-lane highway throughout the length of the quadrangle, and as a whole, the two new lanes being constructed will parallel the present two-lane pavement on the east. See Field Edit Report, Quadrangle T-9943. The portion of the four-lane highway within the corporate limits of Holly Hill and Ormond Beach has been completed. The remaining portion has only been started and there have been no notes or delineation shown on the photographs.

All fixed aids to navigation were checked during this field edit. All of the lights and daybeacons 34, 4, 6, 8, 9, 11 and 13 were identified on the 1:10,000 scale 1956 photographs. The remainder were not visible on these photographs, therefore, they were located by graphic methods on a section of a print of the quadrangle. The radial plot positions of Halifax River Daybeacons 17 and 20 were verified. The radial plot positions of Halifax Creek Daybeacon 34 and Halifax River Daybeacon 4 were not verified. See letter to Chief, Division of Photogrammetry from the writer, dated 14 March 1957. A magnifier was used to identify the daybeacons on the 1:10,000 scale photographs, and in each case the position of the daybeacon was checked thoroughly by two men. Form 567 is submitted for all aids to navigation within the limits of this sheet, with the exception of daybeacons 17 and 20.

Two submerged cables were identified on the photographs. There is no cable just south of the Ormond Beach Bridge.

Two section corners, one land grant corner and several points on line were identified on the photographs. Most of the corners in this area are not marked. The party searched for several more; which could not be found. Form M-2226-12 is submitted for three corners.

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 during the field edit.

The contours were visually checked and were found to adequately depict the terrain. Since the original contouring,

There have been several man-made changes. Many spoil banks were widened along the Intracoastal Waterway during the 1952-1953 dredging operations. Also new roads affected the contours in other areas.

54. RECOMMENDATIONS

None

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55. EXAMINATION OF PROOF COPY

Mr. John J. Matejka, registered land surveyor of the State of Florada and a resident of the area for thirty years, has agreed to examine a proof copy of this quadrangle for possible errors. Hr. Matejka's address is: P.O. Box 3098, Daytona Beach, Florida.

All geographic names were verified as shown on the advance manuscript. One new name is recommended: TOMOKA ROAD. See Field Edit Report, Quadrangle T-9943.

18 March 1957 Submitted by:

Joseph K. Wilson Cartographer

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

REVIEW REPORT

Topographic Survey T-9911

September 1958

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

T-1343 1:20,000 1874 T-4066 1:20,000 1924 T-4552 1:20,000 1928 T-4067 1:20,000 1924

T-9911 supersedes these prior surveys for nautical charting purposes in common areas.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

Ormond, Florida (AMS) 1:50,000 1944

The map is outdated.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

None

65. COMPARISON WITH NAUTICAL CHARTS

843 1:40,000 1952 revised 11/25/57 1244 1:80,000 1930 revised 4/14/58

Numerous changes in the mean high water line, piers, roads, etc. shown on T-9911 have not been carried forward to the charts.

Many of the aids to navigation in the area were moved subsequent to field inspection. These aids are not shown on chart 843 in the new positions indicated on 567 forms submitted after field edit of T-9911. Boatyard Channel character piles Daybeacon's 1 and 2 are represented on chart 843. A 567 until assured not form recommending the deletion of these aids was submitted winter by the field editor.

Nautical chart 843 shows an overhead cable crossing at powdeleted Ellinor Village. The field editor reports no cable in the area. The submerged power cable south of Daybeacon 25 shown on T-9911 has not been shown on chart 843. Not authorized for charting by

There is no evidence on the photographs taken at approximate ½ tide of the small island shown on chart 843 in the Halifax River west of Daybeacon 21. revised

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

67. JUNCTIONS

T-9911 junctions to the south with T-9100 (PH-35) -USGS Quadrangle, Daytona Beach. The entire J. M. Hernandez Grant (43) falls within the limits of T-9911. A small section of the grant is shown on T-9909. The grant as represented on T-9911 is probably more nearly correct. A part of the corp. limits line of Holly Hill follows the north line of the grant. This section of the line was checked by the field editor and ties in with recovered corners resulting in a relatively strong net. The plat for T14S-R32-E shows a recorded length of 72.4 chains (length used on T-9100) for the west line of public lands section 35. The scaled plat length is 83 chains. The use of the 83 chain length on T-9100 would move the grant north of the manuscript limits into reasonable agreement with the grant as represented on T-9911.

68. CONTOURS

Extensive grading in connection with new housing developments on the barrier beach necessitated contour revisions to correct the map to the date of the 1956 photography. This was accomplished with the Kelsh plotter.

Reviewed by

Approved by:

afting Section Photogrammetry Division

Chief, Nautical Charts Br.

Charts Division

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| | 367 | 1945 |
| | Form | April |

DF COMMERCE DEPARTMENT

WOMFILOWATING / ALTON LANDMARKS FOR CHARTS

| STRIKE OUT ONE | |
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| O BE CHARTED | 1/PFI/PFI/FP/ |

Baltimore, Maryland

December

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

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

CHARTS AFFECTED Chief of Party. OFFSHORE CHART INSHORE CHART LOCATION 1906 1952 METHOD OF LOCATION AND AND BURVEY Plot Rad. TRI N.A. 1927 DATUM 5 879 1295.5 D. P. METERS 32.57 **LONGITUDE*** ୪ 05 POSITION ٥ 8 ಜ 24.96 26.097 \$ LATITUDE* 7 11 o 29 ঠ SIGNAL Water Tank, Steel Ht-125 (135) Ormond, Hotel Chimney, 1906 Elevated) Ormond Beach. DESCRIPTION Ht-110 (118) FLORUDA CHARTING NAME STACK TAUK STATE

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 M-2836-3 individual field survey sheets. Information under each column heading should be given. Communication of the second of

Page

31

Form 567 April 1945

F COMMERCE **DEPARTMEN**[

U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR TEMPREMENTED FOR CHARTS

TO BE CHARTED STRIKE OUT ONE

Baltimore, Maryland

Tecember

I recommend that the following objects which have (Uddd/hld) been inspected from seaward to determine their value as landmarks be charted on (Ultital Hill) the charts indicated.

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

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| | | | | | | | - | LATITUDE* | * | 707 | LONGITUDE* | | <u> </u> | LOCATION | | нэ ио | OHE CH | CHARTS |
| CHARTING | | DESCRIPTION | NOL | | NUMBER | | | | " METERS | • | D.P. METERS | · | DATUM | BURVEY No. | LOCATION | HARAH | | |
| DAYBEACON | Halifax Creek Daybeacon Shanning | k Day | Seacon |) Supermented | -\$ - | | 83 | 22 | 26.08 | 81 05 | | ļ., | N.A. 1927 | Red.Plot | t 1952 | | H | 843 |
| 62 | Halifax River Daybeacon | e Day | eacon | 72,855 (57) | | -3 | 29 2 | า ส | 575 | 170 T.8 | 1 | 200 | E | = | E | | H | # |
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This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating M-2836-3 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

DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS (JPK/ILAMINIMARK) FOR CHARTS

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St. Augustine, Florida

August

19 52

recommend that the following objects which have mately been inspected from seaward to determine their value as landmarks be Henry R. Spies The positions given have been checked after listing by HATHAM (deleted from) the charts indicated.

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| | 3 | FLUKLUA | | ۲. [| LATITUDE * | LONG | LONGITUDE* | | LOCATION | | | CHARTS |
| | ٥ | DESCRIPTION | SIGNAL | 0 | D.M. METERS | 0 | D. P. METERS | DATUM | SURVEY No. | LOCATION | HARBO | HE110 |
| fax | River | Halifax River Daybeacon | | 29 20.6 | | 81 04.3 | | | | | H | 843 |
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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 M-2836-3 individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

Form 567 April 1945



NONFLOATING AIDS ORCIVATIONARIES FOR CHARTS

STRIKE OUT ONE KOKBEKKHANNUHIS TO BE DELETED

Burnell, Florida

19.57 15 March

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

Matthew A. Stewart The positions given have been checked after listing by

Page Chief of Party. 848 E £ DEFENDRE CHART × × THAHORE CHART × TRAND ROSMAN Ire R. Rubottom LOCATION 1957 = = METHOD OF LOCATION AND BURVEY No. 1927 DATUM = = D. P. METERS LONGITUDE * 040 040 040 POSITION o 8 ಡ 8 D. M. METERS LATITUDE 86 I 88 198 198 _ . 8 S) C) SIGNAL arense. until BOAT YARD CHANNEL DAYBEACON(1) CHANNEL DAYBEACON(2) CHANNEL DAYBEACON(S) j. DESCRIPTION Jame Ga. L. 855(57) complete son Flortda YARD BOAT YARD BOAT STATE

Сошш-DC 61327 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 This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

34

OF COMMERCE U. S. COAST AND GEODETIC SURVEY DEPARTMEN

NONFLOATING AIDS ON/LANDSHIAKINS FOR CHARTS

TO BE CHARTED TO/BE/PREVETED

STRIKE OUT ONE

Baltimore, Maryland

25 October

R. Glaser

The positions given have been checked after listing by

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| Chief of Party. | | CHARTS | AFFECTED | | 843 | | E | = | : | c | | = | E | | c | | 5 | | = | - | | E | | = | | = | = | |
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| ane | | DATE | LOCATION | | 1957 | | £ | • | | = | ; | = | = | | = | | = | | = | = | | ŧ | | = | | = | = | |
| William F. Deane | METHOD | LOCATION | BURVEY Parts | F. C. C. | T-9911 | | c | u | | E | | E | = | | = | Plane- | table | Radial | Plot | E | | = | Plane- | table | | | Radial Plot | 224 |
| W1111 | | | DATUM | R. A. | 1927 | | = | 6 | | = | | - | = | | = | | = | | = | 5 | | t | | æ | | E | 6 | |
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| | FICKIDA James on L. 255(57) | 5.0 | DESCRIPTION | | Halifax Creek Daybeacon (34) | | Halifax River Light (2) | Halifax Biver Davbeacon (1) | /h | Halifax River Daybeacon (6) | | Hall ax Kiver Light (() | Halifax Biver Navheacon (8) | | Halifax River Daybeacon (9) | | Halifax River Daybeacon (10) | | Halifax River Daybeacon (11) | Halifax River Light (12) | | Halifax River Daybeacon (13) | | Halifax River Daybeacon (14) | tolifor pinns porhogon (16) | וומדדימי וודופו המלחפפרתו (12) | Halifex River Light (16) | |
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This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redefermined, 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

Form 567 April 1945



TO BE CHARTED TICHER PREVATING

STRIKE OUT ONE

25 October

Baltimore, Maryland

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

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

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| 1 | 4 | DESCRIPTION | 10 st | Halliak River Daybeacon (18) | Halifey Diver Dawhesen (10) | | Helifax River-Doybeacon (21) | Halifor Biron Darbonna (22) | יותידים וודובי חמל חבשמתוו (בב) | Halifax River Light (23) | | Halifax River Daybeacon (24) | | Hallfax River Daybeacon (25) | | Halifax River Light (26) | | Halifax River Daybeacon (27) | | Halliax River Daybeacon (II) | | Halifax River Daybeacon (20) | | | | | |
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* TABULATE SECONDS AND METERS

NAUTICAL CHARTS BRANCH

SURVEY NO. 1-9911

Record of Application to Charts

| CHART | CARTOGRAPHER | REMARKS TO the Ald Decor. |
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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.