

# 9910

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-9910

### LOCALITY

State Florida

General locality Halifax River

Locality Flyler Beach  
*lg*

1952-57

### CHIEF OF PARTY

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

### LIBRARY & ARCHIVES

DATE July 31, 1959

B-1870-1 (1)

# 9910

## DATA RECORD

T - 9910

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: **William F. Deane**Instructions dated (II) (III): **29 December 1951**Copy filed in Division of  
Photogrammetry (IV)**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):

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):

**2/10/59**

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): **SMITH, 1934**Lat.: **29° 25' 33.407" (1028.6 m)**      Long.: **81° 06' 09.138" (246.3 m)**

Adjusted

~~Unadjusted~~

Plane Coordinates (IV):

State: **Florida**

Zone:

**East**

Y=

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):	<b>John S. Winter,</b> <b>Carto. Surv. Aid</b>	Date: <b>May, 1952</b>
<i>Shoreline Inspection by:</i>	<i>H.R. Spies *</i>	<i>Dec. 1952</i>
Planetable contouring by (II):	<b>John R. Smith,</b> <b>Carto. Surv. Aid</b>	Date: <b>February, 1953</b>
Completion Surveys by (II):	<b>J.K. Wilson</b>	Date: <b>9/may/57</b>
<i>Map corrected to date of "w" camera (Oct. 1956) photography</i>		
Mean High Water Location (III) (State date and method of location):	<b>1952, Field inspection,</b> <b>measurements along ocean.</b>	
<i>Date of photographs 1952-1956</i>		
Projection and Grids ruled by (IV):	<b>J. Allen</b>	Date: <b>3/30/53</b>
Projection and Grids checked by (IV):	<b>H. D. Wolfe</b>	Date: <b>3/30/53</b>
Control plotted by (III):	<b>J. C. Richter</b>	Date: <b>7/9/53</b>
Control checked by (III):	<b>J. Steinberg</b>	Date: <b>7/10/53</b>
Radial Plot of <del>stereoscopic</del> <del>contouring</del> (III):	<b>L. A. Senasack</b>	Date: <b>1/15/54</b>
	Planimetry	Date:
Stereoscopic Instrument compilation (III):	Contours	Date:
Manuscript delineated by (III):	<b>J. Honick</b>	Date: <b>11/27/56</b>
Photogrammetric Office Review by (III):	<b>R. Glaser</b>	Date: <b>12/12/56</b>
Elevations on Manuscript checked by (II) (III):	<b>R. Glaser</b>	Date: <b>12/12/56</b>

*\* See item 14 page 10 of this report.*



Camera (kind or source) (III): U.S.C.&G.S. nine lens, and "W"

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
34927	2/13/52	1148	1:20,000	2.3 above MLW
W 3808 thru W 3813	10/19/56	1038	"	2.5 " "
W 3739	10/19/56	0057	"	Inshore

Tide (III)  
From predicted tables

Reference Station: MAYPORT  
Subordinate Station: Daytona Beach (Ocean)  
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
	4.5	5.3
0.9	4.1	4.9

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

Date: July 14, 1958

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

Date: Dec 15, 1958

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

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. MK.)  
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 " " " " "

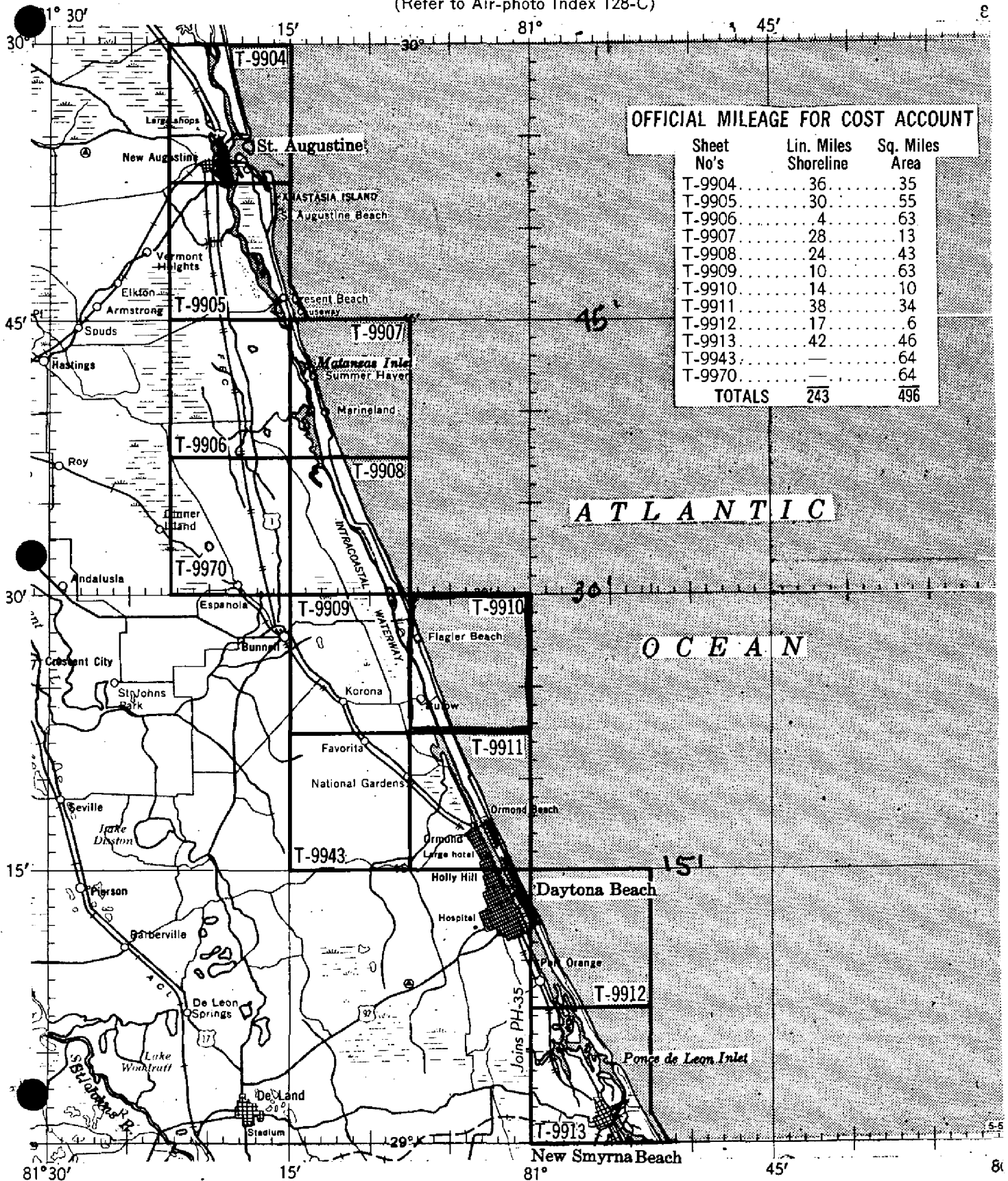


# TOPOGRAPHIC MAPPING PROJECT PH - 82

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

Compiled by the U. S. Coast and Geodetic Survey at scale 1:20,000  
from 1:20,000 scale nine-lens photographs taken February, 1952.

(Refer to Air-photo Index 128-C)



### OFFICIAL MILEAGE FOR COST ACCOUNT

Sheet No's	Lin. Miles Shoreline	Sq. Miles Area
T-9904	36	35
T-9905	30	55
T-9906	4	63
T-9907	28	13
T-9908	24	43
T-9909	10	63
T-9910	14	10
T-9911	38	34
T-9912	17	6
T-9913	42	46
T-9943	—	64
T-9970	—	64
<b>TOTALS</b>	<b>243</b>	<b>496</b>

ATLANTIC

OCEAN

### 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. Unmounted 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 "cronar" 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 Ph-82(51)

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

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

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.

3. 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 USC&GS are:

<u>Station</u>	<u>Agency</u>	<u>Order</u>
AC-25	Florida Geodetic Survey	Third
AC-26	"	"
AC-27	"	"



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

COLIGNY, 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:

<u>Station</u>	<u>Agency</u>	<u>Order</u>
AC-25	Florida Geodetic Survey	Third
AC-26	"	"
AC-27	"	"
BARD 2	"	"

(b) Six and one-half miles of supplemental levels were run with a Wye 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 planetable 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. *All aids to navigation re-located during field edit.*

## 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:

*John R. Smith*  
John R. Smith,  
Carto. Surv. Aid

15 April 1953  
Approved by:

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

MAP T. 9910 PROJECT NO. 24170 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $x$ -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
AC-25 FGS, 1934	Volusia County Page 1	N.A. 1927	1,844, 221.88 460, 960.14	4,221.88 (5,778.12)	960.14 (9,039.86)		1286.8 (1761.2)	292.7 (2755.3)	
Sub. Pt. AC-25, 1934		"	1,840 460				913.8 (2134.2)	298.2 (2749.8)	
BARD 2, 1934	G-3043 p. 143	"	29 28 04.467 81 07 18.693				137.5 (1709.8)	503.7 (1113.0)	
Sub. Pt. BARD 2, 1934			PLOTTED GRAPHICALLY						
OTOS, 1934	G-3038 p. 122	"	29 23 34.387 81 05 14.850				1058.7 (788.6)	100.4 (1317.4)	
Sub. Pt. OTOS, 1934		"	29 23 81 05				1076.5 (770.8)	393.5 (1224.3)	
SMITH, 1934	G-3040 p. 143	"	29 25 33.407 81 06 09.138				1028.6 (818.7)	246.3 (1371.0)	
Sub. Pt. SMITH, 1934		"	29 25 81 06				1134.3 (713.0)	271.6 (1345.7)	
OSO, 1873	G-3040 p. 143	"	29 23 39.027 81 05 23.310				1201.6 (645.7)	628.5 (989.3)	
AC-26 FGS, 1934	Volusia County p. 1	"	1,845,152.16 462,431.69	5,152.16 (4,847.84)	2,431.69 (7,568.31)		1570.4 (1477.6)	741.2 (2306.8)	



COMPILATION REPORT  
T-9910

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 plats were used to delineate the public land lines:

T 12 S E 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 mkl dated 14 December 1953. Subject: Aids to Navigation - Project Ph-82 - 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.

*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.

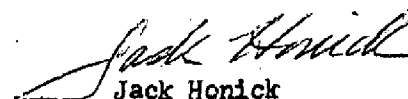
47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Chart No. 843, scale 1:40,000, published January 1952 and corrected to 8 September 1956.

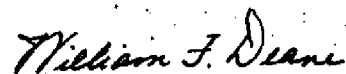
Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted  
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

Leonard Bridge (locality)  
Leonard B. Knox Memorial Bridge  
Florida AIA (Hwy)

Names approved

4-10-57

ajw



PHOTOGRAMMETRIC OFFICE REVIEW

T. 9910

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

CONTROL STATIONS

4a. Classification label

- 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 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. Legibility of the manuscript
- 36. Discrepancy overlay
- 37. Descriptive Report
- 38. Field inspection photographs
- 39. Forms

40. E. Glaser Reviewer      Joseph Steinberg 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. Horvick Compiler      F. Torzo 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:

56-W-3808	56-W-3969	34983A
3809	3970	
3810	3972	
3811	3973	
3812	3974	
3813	3976	
	3977	

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-2226-12 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.

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

9 May 1957  
Submitted by:

*Joseph K. Wilson*  
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-

T-1298	20,000	1873
T-4066	"	1924
T-4552	"	1928

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

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

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*  
J. G. Blankenbaker

Approved by:

*R. C. Loude*  
Chief, Review & Drafting Section  
Photogrammetry Division

*Max B. Keltz*  
Chief, Nautical Charts Br.

*Lee Swanson*  
Chief, Photogrammetry Division

*[Signature]*  
Chief, Coastal Surveys Div.

*17 July 59* *BSB*







DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED  
~~TOP/BE/DEL/ETD/~~

STRIKE OUT ONE

Baltimore, Maryland 30 October 19 57

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

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

William F. Deane Chief of Party.

STATE	CHARTING NAME	FLORIDA	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY READING	DATE OF LOCATION	CHARTS AFFECTED			
					LATITUDE*		LONGITUDE*				HARBOR CHART	INSHORE CHART	OFFSHORE CHART	
					°	'	°	'						
			Smith Creek Daybeacon (20)		29	26	81	07	N.A. T-9910	1957	X		843	
			Smith Creek Daybeacon (21)		29	26	81	07	"	"		X		"
			Smith Creek Daybeacon (22)		29	26	81	06	"	"		X		"
			Smith Creek Daybeacon (23)		29	25	81	06	"	"		X		"
			Smith Creek Daybeacon (24)		29	24	81	06	"	"		X		"
			Halifax Creek Daybeacon (26)		29	24	81	05	"	"		X		"
			Halifax Creek Daybeacon (28)		29	23	81	05	"	"		X		"
			Halifax Creek Light (29)		29	23	81	05	"	"		X		"
			Halifax Creek Daybeacon (30)		29	22	81	05	"	"		X		"
			Halifax Creek Daybeacon (32)		29	22	81	05	"	"		X		"
			<i>Same as L. 855(57)</i>											

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

