

9906

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 Office No. T-9906

LOCALITY

State Florida

General locality Matanzas River

Locality Pellicer Creek

19/ 52-57

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

LIBRARY & ARCHIVES

DATE January 8, 1960

9906

DESCRIPTIVE REPORT - DATA RECORD

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T-9906

Project No. (II): **24170 PH-82**      Quadrangle Name (IV):

Field Office (II): **Brunswick, Georgia**

Chief of Party: **Paul Taylor**

Photogrammetric Office (III): **Baltimore, Md.**

Officer-in-Charge: **W. F. Deane**

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**

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): **15 May 1959**

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): **DUNHAM, 1872-1952**

Lat.: **29° 43' 41.201" (1268.6m)**      Long.: **81° 15' 27.090" (728.0 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.



DESCRIPTIVE REPORT - DATA RECORD

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Field Inspection by (II): **Martin C. Moody**  
**Carto. Surv. Aid**

Date: **August to December**  
**1952**

Planetable contouring by (II): **Joseph K. Wilson, Cartographer**  
**Martin C. Moody, Carto. Surv. Aid**  
**Henry R. Spies, Carto. Surv. Aid**

Date: **August to**  
**December, 1952**

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): **1952 Field inspection and**  
**stereoscopic interpretation of 1956 photographs.**

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

Date: **3/27/53**

Projection and Grids checked by (IV): **H. D. Wolfe**

Date: **3/30/53**

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

Date: **7/6/53**

Control checked by (III): **J. Steinberg**

Date: **7/13/53**

Radial Plot or ~~Stereoscopic~~

Date: **5/11/54**

~~Control checked~~ by (III): **H. R. Rudolph**

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Date:

Manuscript delineated by (III): **J. Honick**

Date: **5/17/57**

Photogrammetric Office Review by (III): **H. R. Rudolph**

Date: **6/11/57**

Elevations on Manuscript **H. R. Rudolph**  
checked by (II) (III):

Date: **6/11/57**



DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): USC&GS nine-lens and camera "W"

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Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide above MLW
		Time			
34977	2/14/52	0959		1:20,000	3.4 (inside)
35006-09	"	1040		"	All land area
35016	2/18/52	0929		"	" " "
56-W-3831	10/19/56	1046		"	3.3 (inside)
56-W-3417-19	10/18/56	0956		"	All land area
56-W-3477-84	"	1025		"	" " "
56-W-3499-3506	"	1040		"	" " "
56-W-3672-79	10/19/56	0919		"	" " "
56-W-3717-21	"	0949		"	" " "

Tide (III)  
From predicted tide tables

Reference Station: MAYPORT  
Subordinate Station: ST. AUGUSTINE INLET  
Subordinate Station: ST. AUGUSTINE

Ratio of Ranges	Mean Range	Spring Range
	4.5	5.3
1.0	4.5	5.3
0.9	4.2	5.0

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

Date: 4/7/59

Final Drafting by (IV): Anna P. Berry

Date: 7/14/59

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 61  
Shoreline (More than 200 meters to opposite shore) (III): 3 mi  
Shoreline (Less than 200 meters to opposite shore) (III): 6 mi  
Control Leveling - Miles (II): 41  
Number of Triangulation Stations searched for (II): 24 Recovered: 18  
Number of BMs searched for (II): 24 Recovered: 17  
Number of Recoverable Photo Stations established (III): None  
Number of Temporary Photo Hydro Stations established (III): None

Identified: 9 \*\*  
Identified: 13

Remarks:

Number of Section Corners Identified: 18 4 additional corners identified during field edit. Total (22)

\* 11 stations destroyed prior to field edit - six (6) stations were re-set reset.  
\*\* Six (6) identified stations were destroyed prior to field edit - 3 stas. were reset.



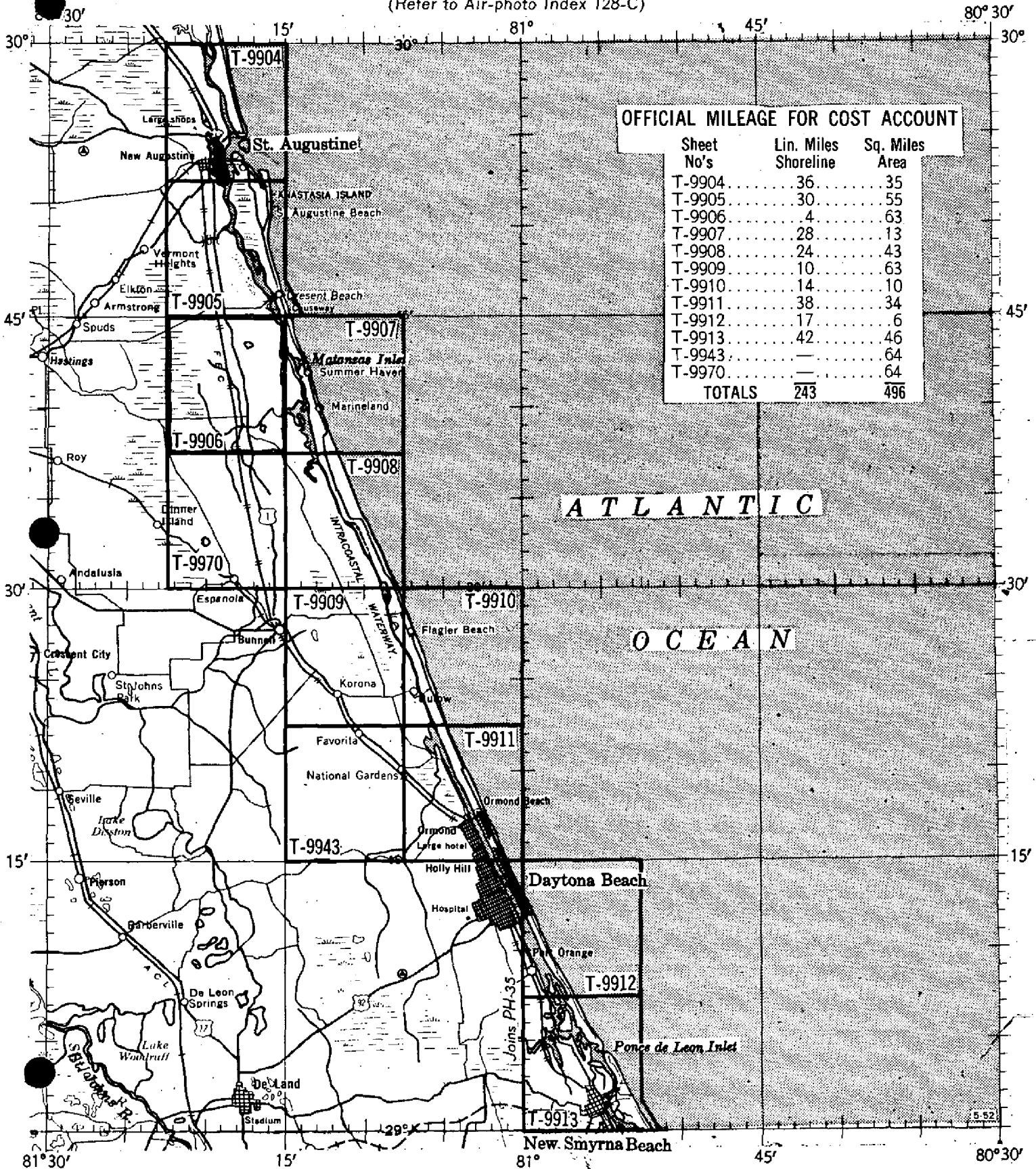
# TOPOGRAPHIC MAPPING PROJECT PH-82

## 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)

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Summary to Accompany Descriptive Report  
T-9906

Topographic map T-9906 is one of twelve similar maps in Project PH-82. The project covers the east coast of Florida from St. Augustine to New Smyrna Beach. T-9906 covers the area west of Marineland and Summer Haven.

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. 1:20,000 scale nine-lens photographs were used in field and office work. Single-lens "W" camera 1:20,000 scale photographs taken in Oct. 1945 were used in field edit and in the office application of field edit data. The map was corrected to the date of the 1956 photography.

The map will be published by the Geological Survey at 1:24,000 scale. Items registered under T-9906 will include a Descriptive Report, a positive impression on Cronar of the scribed copy of the manuscript and a lithographic print of the Geological Survey quadrangle.

FIELD INSPECTION REPORT  
 Quadrangle T-9906  
 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	Vertical Control Horizontal Control	August, 1952
John S. Winter, Carto. Surv. Aid	Fly Levels	August, 1952
Martin C. Moody, Carto. Surv. Aid	Section Corner Identification	September to December, 1952

## 2. AREAL FIELD INSPECTION

This is a sparsely settled quadrangle, lying in St. Johns and Flagler Counties. The counties are divided by Pellicer Creek, which is located in the southern portion of the area. There are no towns or settlements on this sheet.

The area is served by U. S. Highway No. 1, two State Highways leading toward Hastings, and the Florida East Coast Railway. Numerous dirt roads and trails serve the remainder of the section.

There is very little industry carried on within the quadrangle, however there is some pulpwood cutting, turpentine and cattle raising. For the most part, the area is not fenced.

There are many fire trails, which appear as roads on the photographs. These trails are temporary and are not of sufficient width to be mapped. The field inspector has deleted the majority of them.

The quality of the nine-lens photographs was very good. The field inspection is believed to be adequate.



3. HORIZONTAL CONTROL

- (a) No supplemental control was established.
- (b) All stations are on the N.A. 1927 datum.
- (c) Stations which are within the limits of the quadrangle, but were not established by the U.S.C. & G.S. are:

<u>Station</u>	<u>Agency</u>	<u>Order</u>
BS-11, 1935	Florida Geodetic Survey	Third
BS-14, 1935	"	"
BS-17, 1935	"	"
BS-18, 1935	"	"
BS-19, 1935	"	"
BS-35, 1935	"	"
BS-36, 1935	"	"
BS-37, 1935	"	"
BS-38, 1935	"	"
BS-39, 1935	"	"
BS-40, 1935	"	"

- (e) A search was made for all known control points. Stations reported as "Destroyed", "Lost" or "Not Recoverable" are:

BS-10 (Fla. Geod. S.), 1935	"	"
BS-12	"	"
BS-13	"	"
BS-15	"	"
BS-16	"	"

BS-15 (Fla. Geod. S.), 1935 was reported destroyed on Form 526, but was identified for use in the plot. The base of the monument was found in good condition and is believed adequate for the plot.

All stations were identified on a set of nine-lens photographs, separate from those used in the contouring.

4. VERTICAL CONTROL

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

<u>Station</u>	<u>Agency</u>	<u>Order</u>
BS-11	Florida Geodetic Survey	Third
BS-14	"	"
BS-17	"	"
BS-18	"	"
BS-19	"	"

<u>Station</u>	<u>Agency</u>	<u>Order</u>
BS-35	Florida Geodetic Survey	Third
BS-36	"	"
BS-37	"	"
BS-38	"	"
BS-40	"	"
Pellicer	"	"
Pellicer R.M. No. 1	"	"
Pellicer Azimuth Mark (R.M. No. 2)	"	"

(b) Forty-one 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 0.13 foot. None of the lines were adjusted.

(c) The first and last fly-level points are 06-01 and 06-42.

Special attention is called to two short level lines, which were run in quadrangles T-9908 (points 1-4 inclusive) and T-9970 (points 1-3 inclusive). These points are recorded in the level book submitted with this quadrangle.

(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.

The terrain throughout the quadrangle is very flat, except for a small area bordering Pellicer Creek. The creek bank is reasonably steep, rising from water level to forty feet in many places. The highest elevations are found along the creek and in the northwest section of the sheet.

The natural drainage in the quadrangle is by Pellicer Creek in the southern portion and by seepage in the flatter areas. The swamps in the flat ground sections have no definite drainage. Elevations in the swamps are about one to two feet lower than the average high ground. The field inspector, in delineating the drainage has followed instructions as noted in the Director's letter, dated 11 August 1952.



## 6. WOODLAND COVER

The coverage was classified in accordance with current instructions. The several different tones have been labeled on the photographs, so that the compiler should have no great difficulties. Where the swamp limits were indefinite (along contours), the areas have been completely delineated by the field inspector in purple.

The western flight of pictures photographed very dark, which made the tones of swamp and pine similar. However, contour elevations will inform the compiler the distinction between the two tones.

Many areas west of U. S. Highway No. 1 have been classified as open. These sections consist of scattered pine trees and low palmetto. They have photographed white.

The swampy areas are composed of a mixture of deciduous trees.

## 7. SHORELINE AND ALONGSHORE FEATURES

Inapplicable.

## 8. OFFSHORE FEATURES

Inapplicable.

## 9. LANDMARKS AND AIDS

There are no landmarks or aids within the quadrangle.

## 10. BOUNDARIES, MONUMENTS AND LINES

Eighteen section corners and grant corners were recovered and identified on the photographs. Form M-2226-12 is submitted for sixteen of these corners. The remainder were located by planetable methods. All corners were identified on the control set of photographs, which will be submitted later.

The report on boundaries will be the subject of a special report, which will be submitted at a later date with the control photographs. *A Part of the Project Completion Report.*

11. OTHER CONTROL

No topographic or photo-hydro stations were established.

12. OTHER INTERIOR FEATURES

All roads have been classified in accordance with the Topographic Manual. Buildings to be shown have been circled in red on the photographs. The field inspection was accomplished on the contour photographs with the exception of photograph Number 35007-A. This inspection was done on the control photograph.

There are no bridges, cables or airfields within the quadrangle.

13. GEOGRAPHIC NAMES

This will be the subject of a special report, which will be submitted at a later date, filed in the Technical Services Division

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

There are no other reports or special data applicable to this quadrangle, except as noted in Paragraphs 10 and 13.

19 January 1953,  
Submitted by:

*Joseph K. Wilson*  
Joseph K. Wilson,  
Cartographer

5 February 1953,  
Approved by:

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



MAP T. 2906 PROJECT NO. 24170 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\mu$ -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)	
DUFONT, 1933, 1952	G-1788 p.20	N.A. 1927	29	44	49.388			1520.7	( 326.7)	
Sub. Pt. DUFONT, 1933, 1952		"	81	20	52.749			1417.4	( 194.8)	
DUNHAM, 1872, 1952	G-6209 p.792	"	29	43	41.201			1542.6	( 304.8)	
Sub. Pt. DUNHAM, 1872, 1952		"	81	15	27.090			1436.5	( 175.7)	
BS 11 FGS, 1935	St. Johns County p. 6	"	1,963	380.33	3,380.33	(6619.67)		1268.6	( 578.8)	
Sub. Pt. BS 11 FGS, 1935		"	1,960		2,489.45	(7510.55)		728.0	( 884.5)	
BS 14 FGS, 1935	St. Johns County p. 6	"	1,946	881.36	6,881.36	(3118.64)		1279.9	( 567.5)	
Sub. Pt. BS 14 FGS, 1935		"	400		6,494.06	(3505.94)		804.1	( 808.4)	
BS 15 FGS, 1935	"	"	1,944	747.43	4,747.43	(5252.57)		1030.3	(2017.7)	
Sub. Pt. BS 15 FGS, 1935		"	406	523.35	6,523.35	(3476.65)		758.8	(2289.2)	
BS 17 FGS, 1935	St. Johns County p. 6	"	1,935	839.77	5,839.77	(4160.23)		1178.9	(1869.1)	
Sub. Pt. BS 17 FGS, 1935		"	408	614.11	8,614.11	(1385.89)		706.4	(2341.6)	
BS 18 FGS, 1935	Flagler Co. p. 4	"	1,930	816.87	816.87	(9183.13)		2097.4	( 950.6)	
		"	408	938.75	8,938.75	(1061.25)		1979.4	(1068.6)	
		"	1,940					1447.0	(1601.0)	
		"	400					1988.3	(1059.7)	
		"						1710.0	(1338.0)	
		"						1984.6	(1063.4)	
		"						1780.0	(1268.0)	
		"						2625.6	( 422.4)	
		"						1772.4	(1275.6)	
		"						2637.2	( 410.8)	
		"						249.0	(2799.0)	
		"						2724.5	( 323.5)	



MAP T-9906 PROJECT NO. 24170 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\mu$ -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)		FORWARD	(BACK)	
GS 19 FGS, 1935 <i>Destroyed</i>	Flagler Co. p. 4	N.A. 1927	1,929,137.48		9,137.48	( 862.52)		2785.1	( 262.9)	
Sub. Pt. BS 19 FGS, 1935	"	"	1,920 400		9,278.54	( 721.46)		2828.1	( 219.9)	
BS 35 FGS, 1935 <i>Destroyed - Reset</i> <i>Reset also destroyed</i>	St. Johns County p. 6	"	1,935,423.22		5,423.22	(4576.78)		1653.0	(1395.0)	
PELLICER, 1934	G-3038 p. 121	"	404,017.00		4,017.00	(5983.00)		1224.4	(1823.6)	
PELLICER AZ MK RM 2, 1934 FGS, 1935 <i>Destroyed - Reset</i>	St. Johns County p. 11	"	29 39 22.487 81 19 06.501		5,142.70	(4,857.30)		1567.5	(1480.5)	
BS 36 FGS, 1935 <i>Destroyed</i>	St. Johns County p. 6	"	399,764.69		2,764.69	( 235.31)		2976.3	( 71.7)	
BS 37 FGS, 1935 <i>Destroyed - Reset</i>	"	"	1,934,991.29		4,991.29	(5008.71)		1521.3	(1526.7)	
Sub. Pt. BS 37 FGS, 1935	"	"	397,830.35		7,830.35	(2169.65)		2386.7	( 661.3)	
Sub. Pt. BS 37 FGS, 1935	"	"	1,934,635.03		4,635.03	(5364.97)		1412.8	(1635.2)	
BS 38 FGS, 1935 <i>Destroyed - Reset</i>	St. Johns County p. 6	"	394,017.63		4,017.63	(5982.37)		1224.6	(1823.4)	
BS 39 FGS, 1935 <i>Destroyed - Reset</i>	"	"	1,930 390		4,517.25	(5482.75)		1435.7	(1612.3)	
Sub. Pt. BS 39 FGS, 1935	"	"	1,934,517.25		1,746.22	(8253.78)		1302.4	(1745.6)	
BS 40 FGS, 1935 <i>Destroyed - Reset</i>	St. Johns County p. 6	"	391,746.22		3,984.58	(6015.42)		1376.9	(1671.1)	
Sub. Pt. BS 39 FGS, 1935	"	"	1,933,984.58		6,473.55	(3526.45)		532.2	(2515.8)	13
BS 40 FGS, 1935 <i>Destroyed - Reset</i>	St. Johns County p. 6	"	386,473.55		3,629.87	(6370.13)		1214.5	(1833.5)	
Sub. Pt. BS 39 FGS, 1935	"	"	1,930 380		2,113.97	(7886.03)		1973.1	(1074.9)	
Sub. Pt. BS 39 FGS, 1935	"	"	1,933,629.87		3,629.87	(6370.13)		1134.0	(1914.0)	
BS 40 FGS, 1935 <i>Destroyed - Reset</i>	St. Johns County p. 6	"	382,113.97		2,113.97	(7886.03)		1026.4	(2021.6)	
Sub. Pt. BS 39 FGS, 1935	"	"	1,930 380		1106.4	(1941.6)		644.3	(2403.7)	











COMPILATION REPORT  
T-9906

The Photogrammetric Plot Report is part of the Descriptive Report for Survey T-9904.

31. DELINEATION

Graphic methods were used to delineate this manuscript.

1956 single-lens photographs were used in conjunction with nine-lens photographs. Field inspection was done on the 1952 nine-lens photographs.

32. CONTROL

The identification, density and distribution of control was adequate.

33. SUPPLEMENTAL DATA

The Final Name Sheet, dated 8/9/54, Dinner Island, Fla. Quad. was used for geographic names.

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

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

T 9 S R 30 E (pages 33, 34, 36, 36 and 37)  
T 10 S R 30 E (pages 38 and 39)  
T 9 S R 29 E (page 15)  
T 10 S R 29 E (page 16)

Refer to boundary report Ph-82(51) March 1953 for information pertaining to boundary lines. *The Boundary Report is a part of the Project Completion Report.*

34. CONTOURS AND DRAINAGE

No comment.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate.

36. OFFSHORE DETAILS

No comment.



37. LANDMARKS AND AIDS

Form No. 567 is being submitted for one non-floating aid to navigation to be charted. This aid to navigation was identified in the compilation office. *identification verified by field editor*

38. CONTROL FOR FUTURE SURVEYS

No recoverable topographic stations were established.

39. JUNCTIONS

Junctions have been made with surveys T-9905 to the north, T-9907 to the east and T-9970 to the south. There is no contemporary survey to the west.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. PUBLIC LAND LINES

All section and grant lines have been delineated on the manuscript by the following method: Copies of the latest plats of the townships were made on vinylite at a scale of 1:20,000. These were oriented under the manuscript holding the field identified section and grant corners and office interpreted lines on the photographs.

In townships T 9 S R 30 E and T 10 S R 30 E, in addition to the seventeen identified corners, there were many lines visible on the photographs which appeared to be section or grant lines. Only minor adjustments were needed to delineate the land line net on the manuscript.

In townships T 9 S R 29 E and T 10 S R 29 E, there were only corners which were field identified and they were in disagreement with the few lines appearing on the photographs.

42. - 45 Inapplicable.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with A.M.S. Quad. Dinner Island, Fla. scale 1:50,000, published 1947.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with chart No. 842, scale 1:40,000 published April 1952 and corrected to 9/8/56.

Items to be applied to Nautical Charts immediately:

None.


Items to be carried forward:

None.

Respectfully submitted,  
17 May 1957

  
Jack Honick  
Carto. Photo. Aid

Approved and forwarded:

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

PHOTOGRAMMETRIC OFFICE REVIEW

T. 9906

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

4a. Classification label H.R.R.

CONTROL STATIONS

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

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline H.R.R. 13. Low-water line H.R.R. 14. Rocks, shoals, etc. H.R.R. 15. Bridges        16. Aids to navigation H.R.R. 17. Landmarks        18. Other alongshore physical features H.R.R. 19. Other along-shore cultural features H.R.R.

PHYSICAL FEATURES

20. Water features H.R.R. 21. Natural ground cover H.R.R. 22. Planetable contours H.R.R. 23. Stereoscopic instrument contours        24. Contours in general H.R.R. 25. Spot elevations H.R.R. 26. Other physical features H.R.R.

CULTURAL FEATURES

27. Roads H.R.R. 28. Buildings H.R.R. 29. Railroads H.R.R. 30. Other cultural features H.R.R.

BOUNDARIES

31. Boundary lines H.R.R. 32. Public land lines H.R.R.

MISCELLANEOUS

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

40. Harry R. Rudolph Reviewer Joseph Steinberg Supervisor, Review Section or 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 Compiler F. TARCZA Supervisor

43. Remarks:



FIELD EDIT REPORT  
Project 82(24170)(6082)  
Quadrangle T-9906

The field edit of this quadrangle was accomplished during the month of July 1957.

51. METHODS

The inspection of the quadrangle was accomplished by traversing all passable roads by truck and walking to other areas which required special attention. 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. Some of the original field inspection in the southern portion of the quadrangle was done in purple ink, but since all of the field inspection during field edit was done on the 1956 photographs with the exception of one contour change on photograph 34978A, it was felt that the compiler would have no difficulty in differentiating between the original field inspection and the field edit surveys.

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

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

56-W-3417	56-W-3502	34978A
3479	3503	
3480	3504	
3481	3674	
3482	3675	
3483	3678	
3499	3718	
3500	3719	

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.

The quadrangle, as a whole, has changed very little since the original field inspection. US Highway 1 was under construction during field edit from a point near the northern limits of the sheet to Pellicer Creek. This will eventually be a four-lane highway; the present highway will be the west lane. The portion of the four-lane highway in Flagler County has been completed. Florida State Highways 204 and 206 have been paved since the original field inspection. They are now class 4 roads.

During the paving of Florida State Highway 204, several Florida Geodetic Survey stations were reset in 1955 by Mr. Lacy P. Gibbon of the Geodesy Division. One of these stations (BS 35 RESET) has been destroyed since 1955 and is reported on forms 526 and 685. The other reset stations were visited by the field editor, but no recovery notes are submitted. Thermo-Fax copies of forms 525 and 526 of the work done in 1955 are submitted with the field edit data.

Three Florida Geodetic Survey stations along U.S. Highway 1 were destroyed during the new construction. Forms 526 and 685 are submitted with the data for this quadrangle.

Three section corners and one Grant corner were recovered and identified during the field edit. The section corners recovered in Township 9 South- Range 29 East were established by the St. Regis Paper Company. It is believed that that these corners are approximately correct. Their reliability is slightly questioned by the local surveyors. A search was made for other corners in this area, but nothing could be found.

One fixed aid to navigation falls within the limits of this quadrangle. It was identified by the direct method on the 1:10,000 scale 1956 photograph. Form 567 was submitted with the data for quadrangle T-9907.

Some woodland changes were made during the field edit. A few Open areas have been recommended, however as a whole, the paper companies are constantly planting pine trees in the cut-over areas and it is suggested that if the compiler has doubtful areas, he should show them as Trees.

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.

54. RECOMMENDATIONS

None

55. EXAMINATION OF PROOF COPY

Mr. D.D. Moody, registered land surveyor and a resident of the area for fifty years, has agreed to examine a proof copy of the 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. The highway, leading from Dupont Center to Palatka, is Florida State Highway 206, instead of 14a.

19 July 1957  
Submitted by:

*Joseph K. Wilson*  
Joseph K. Wilson  
Cartographer

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



Review Report  
Topographic Survey T-9906  
April 7, 1959

62. Comparison with Registered Topographic Surveys:

T-1082 (1867) 1:20,000  
T-1268 (1872) 1:20,000

T-9906 supersedes these surveys for nautical charting purposes in common areas.

63. Comparison with Maps of Other Agencies:

Dinner Island, Fla. (AMS) 1:50,000 1947

This map was copied in 1947 from older sources and is outdated.

64. Comparison with Contemporary Hydrographic Surveys:

Inapplicable

65. Comparison with Nautical Charts:

Light No. 78 was re-located during field edit. The light is not shown in the new position on chart 842 (1:40,000) 1952 - revised 8/26/57. *Ref 7-6-60*

The Intracoastal Waterway channel is incorrectly positioned on chart 842. A Corps of Engineers blueprint was used to furnish the channel for the USGS quadrangle. *Ref 12-1-58*

66. Adequacy of Results and Future Surveys:

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

67. Public Land and Grant Lines:

A total of 22 section and grant corners were identified during field inspection and field edit. The land line net for T9S, R30E and T10S, R30E as represented on the manuscript is relatively strong and in good agreement with the plats (distances and bearings). The irregular land line net in T9S, R29E and T10S, R29E is the result of local adjustment made to some of the few field identified section corners in the area.

The point field identified on photograph 35008 as original section corner 14/13 (T9S,R29E) was discarded during de-  
<sup>23/24</sup>  
 lineation of the land lines. No reasonable adjustment of the land lines can be obtained by using this point with other field identified corners in the area. Photograph identification was verified by the field editor. He doubted that the recovered monument is a section corner.

68. Road Destinations and Classification:

Single road destinations are shown for Florida routes 13 and 204 in the western margin of the manuscript. Florida 204, a dirt road at the time of field inspection had been paved (within the limits of T-9906) at the time of field edit. The Florida State Highway Map (1959) and AMS map Daytona Beach (1955) 1:250000 scale, show route 204 as a secondary dirt road. Florida route 13 (road 5 on T-9906) is shown as a two (2) lane hard surface road on the AMS map. Which route number (13 or 204) is applicable beyond the intersection of the two roads is unknown. The routing of the road from the town of Gopher Ridge to Hastings is unknown.

Reviewed by:

S. G. Blankenbaker  
 S. G. Blankenbaker

Approved by:

L. C. Landy  
 Chief, Review and Drafting Unit  
 Photogrammetry Division

Max R. Roberts  
 Chief, Nautical Charts Branch  
 Charts Division

[Signature]  
 Chief, Photogrammetry Division  
 23 Sept 59

J. Bowie  
 Chief, Coastal Surveys Division

T-9906.

Geographic Names.

Cedar Landing  
Cracker Branch

Dave Branch

Fish Swamp  
Flagler County  
Florida  
Florida East Coast

Hominy Branch  
Hulett Branch

Matanzas River  
Midway Church

Old Brick Road  
Old Kings Road

Fla 13

Pellicer Creek ✓  
Pellicer Creek Cemetery  
Pringle Branch ✓

St. Johns County  
Schoolhouse Branch  
Stevens Branch

U.S. 1

Fla ~~14~~ 206

Fla 204

Names approved 6-17-57  
L. Heck.







