

# 9171

100/15

*False Cape #2*

Diag. Cht. No. 1245

Form 504

## U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

### DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. \_\_\_\_\_ Office No. T-9171

#### LOCALITY

State FLORIDA

General locality EAST COAST

Locality BREVARD COUNTY

194 8-'49

#### CHIEF OF PARTY

G.E. Morris, Jr. - Chief of Field Party

R.A. Gilmore, Tampa Photo. Office

#### LIBRARY & ARCHIVES

DATE Aug 8 - 1950

B-1870-1 (1)

1216

# DATA RECORD

T - 9171

Project No. (II): Ph-30(48)      Quadrangle Name (IV):

Field Office (II): Titusville, Florida

Chief of Party: George E. Morris, Jr.

Photogrammetric Office (III): Tampa, Florida

Officer-in-Charge: Ross A. Gilmore

Instructions dated (II) (III): The Director's Instructions, Project Ph-30(48), 13 July 1948.

Copy filed in Division of  
Photogrammetry (IV)  
*Office Files*

Method of Compilation (III): Graphic ~~(Radial Plot)~~

Manuscript Scale (III): 1:20,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): None

Date received in Washington Office (IV): 6-20-49      Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): 24 May 1950

Publication Scale (IV): 1:24,000

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III):

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): CAP, 1929

Lat.: 28° 34' 08.392" (258.3m)

Long.: 80° 34' 16.753" (455.3m)

Adjusted  
~~Horizontal~~

Plane Coordinates (IV): Transverse Mercator      State: Florida

Zone: East

Y= 1,539,758.63

X= 637,600.56

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): W. Frank Therkildson, Engineering Aid.

Date: 22 October 1948  
25 January 1949

Planetable contouring by (II): W. Frank Therkildson, Engineering Aid.

Date: 22 October 1948  
25 January 1949

Completion Surveys by (II): *James E. Hundley*

Date: *August, 1949*

Mean High Water Location (III) (State date and method of location):

**December 1949 Air Photo Compilation**

Projection and Grids ruled by (IV): W.E. W

Date: Oct. 25, 1948

Projection and Grids checked by (IV): W.E.W

Date: Oct. 25, 1948

Control plotted by (III): R.R. Wagner

Date: Nov. 5, 1948

Control checked by (III): B.F. Lampton

Date: Nov. 10, 1948

Radial Plot ~~XXXXXXXXXX~~

Date: Jan. 14, 1949

~~Control checked~~ by (III): M.M. Slavney

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Date:

Manuscript delineated by (III): R.A. Reece

Date: March, April, 1949

Photogrammetric Office Review by (III): J.A. Giles

Date: March, 1949

Elevations on Manuscript

checked by (II) (III):

**J.A. Giles(III)**

Date: " "

Camera (kind or source) (III): U.S. C & G.S. Single Lens

Number	Date	Time	Scale	Stage of Tide
48J-118--122 Incl.	Feb 18, 1948	13:29-13:31	1:20,000	2.7 Ft.
163--166 "	"	14:10-14:11	"	2.6 Ft.
442-443	Apr. 10, 1948	9:45	"	2.6 Ft.

See Tide Curve  
Submitted with  
Quadrangle T-9174

Tide (III)

Reference Station: Mayport  
Subordinate Station: Cape Canaveral (Canaveral Harbor)  
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
1.0	4.5	5.3
0.8	3.5	4.1

Washington Office Review by (IV): *Everett H. Ramey*

Date: *3 April 1950*

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): *17*

Shoreline (More than 200 meters to opposite shore) (III): *41 Statute miles*

Shoreline (Less than 200 meters to opposite shore) (III): *19 " "*

Control Leveling - Miles (II): *24 - 4th Order*

Number of Triangulation Stations searched for (II): *9* Recovered: *8* Identified: *8*

Number of BMs searched for (II): *0* Recovered: *0* Identified: *0*

Number of Recoverable Photo Stations established (III): *13 (number includes 5 section man.)*

Number of Temporary Photo Hydro Stations established (III): *None*

Remarks:

[illegible]

Summary to Accompany T-9171

Topographic Map T-9171 is one of fourteen similar maps in project Ph-30(48) and is located in the southern portion of the project. It covers portions of the Canaveral Peninsula, Merritt Island and the Banana River and is bounded on the east by the Atlantic Ocean. This is a graphic compilation project.

The field operations preceding compilation included complete field inspection, the establishment of some additional horizontal control and the delineation of contours on the photographs by planetable methods.

The manuscript was compiled at a scale of 1:20,000 and covers  $7\frac{1}{2}'$  in latitude by  $7\frac{1}{2}'$  in longitude. The entire map was field edited. The map is to be published by the U.S. Geological Survey at a scale of 1:24,000 as a standard topographic quadrangle.

Items registered under T-9171 will include a cloth-mounted print of the manuscript at a scale of 1:20,000, a cloth-mounted color print of the published map at a scale of 1:24,000 and the original descriptive report.

FIELD INSPECTION REPORT  
QUADRANGLE T-9171  
N 28°30' - W 80°30' / 7.5  
PROJECT PH-30(48)  
George E. Morris, Jr., Chief of Party

All phases of the field work were completed in accordance with The Director's Instructions, Project Ph-30(48), dated 13 July 1948, and applicable General Instructions.

Field work was performed by the writer, W. Frank Therkildson, Engineering Aid, during the period 22 October 1948 - 25 January 1949.

1. DESCRIPTION OF THE AREA

The land area is bounded by the Atlantic on the east, and Banana River splits the western part of the quadrangle. A narrow, low sand ridge parallels the beach. Inshore of the narrow beach area, long sloughs, or savannas, are thickly interspersed in a pattern that roughly parallels the shoreline.

The sand ridge is traversed by a poorly maintained graveled road north of DeSoto Beach, and by a trail south of DeSoto Beach. However, the State Road Department has appropriated about \$100,000.00 to grade the 14 mile strip of Highway A1A that passes through the DeSoto Beach State Park. This proposed strip starts at Chester Shoals Coast Guard Station and ends at Canaveral. *See Item 52 and Item 69*

Most of the ridge area north of DeSoto Beach has been subdivided. It is still undeveloped and houses are sparsely located. Only a few houses are lived in all year, and the other buildings are moderately priced beach homes. It is believed that the proposed road improvement will increase the rate of building development.

Harvesting of palmetto berries by hand for medicinal purposes is performed in the area on a small scale.

The Soil Conservation Service is studying plans for the reclamation of a large percentage of the "slough land" in this general area.

2. COMPLETENESS OF FIELD INSPECTION

The field inspection is believed to be complete and adequate with the possible exception of the MHWL classification along Banana River.

Part of the MHWL along Banana River was inspected at flood stage, approximately 2 ft. above normal, and it is recommended that any suspected discrepancies in the field classification of this MHWL be referred to the field editor. *See Item 47*

(Field editor see paragraphs 1 and 17).



Field inspection was performed on the following field photographs: 48-J-120, 48-J-121, 48-J-163(2 of 2), 48-J-164(1 of 2), 48-J-165(1 of 2), 48-J-166(2 of 2), 48-J-442, and 48-J-443.

3. INTERPRETATION OF THE PHOTOGRAPHS

No vegetation growths peculiar to this general area were encountered.

*See Item 54 and Item 68*

4. HORIZONTAL CONTROL

Eight U.S.C. & G.S. stations were recovered and identified directly or by the substitute station method.

One U.S.C. & G.S. station, SOTO 1929, was reported lost after a thorough search.

5. VERTICAL CONTROL

There are no bench marks in this quadrangle.

Twenty-four miles of fly level loops were run to control the contours east of Banana River. These loops were controlled by fly level elevations (TBM's) 68-5 (T-9168) and 74-55 (T-9174). Both TBM's were on loops in adjoining quadrangles that had been satisfactorily closed on third order bench marks.

The contours west of Banana River were controlled by fly level elevations in T-9170.

The maximum error of closure was 0.28 foot and no adjustments were made.

6. CONTOURS AND DRAINAGE

Contouring was done by planetable on 1:20,000 scale single lens ratio prints at 5 foot intervals.

Actual field work was accomplished by traversing all passable roads and brushing enough lines through other areas to adequately control the contours. Contours were penciled on the photographs in the field and later checked under the field stereoscope before inking.

All planetable traverses with more than three setups were tied back into fly level points. The maximum vertical error of closure was 0.6 foot.

A satisfactory contour junction was made with quadrangle T-9170 and T-9174. Field contouring of quadrangle T-9168 had not begun at the time of this report.

The following field photographs were used for contouring: 48-J-120, 48-J-121, 48-J-162, 48-J-164(2 of 2), 48-J-165(2 of 2), 48-J-166(1 of 2), 48-J-442 and 48-J-443.

7. MEAN HIGH WATER LINE:

Along the Atlantic, ten measurements were taken from triangulation stations, topographic stations, and photographic detail to the estimated MHWL. This information is shown on the field photographs and is believed to be self-explanatory.

Along Banana River, measurements were taken from four recoverable topographic stations that were established in that area. (See paragraph 2 concerning symbolization of MHWL).

Shoreline inspection was shown on the following field photographs: 48-J-120, 48-J-122, 48-J-163(2), 48-J-164(2), 48-J-165(2), 48-J-166(2), 48-J-442 and 48-J-443.

8. LOW WATER LINE

The tide along Banana River is negligible, and no attempt was made to show the MLWL along the Atlantic.

9. WHARVES AND SHORELINE STRUCTURES

The only structure in the quadrangle has been adequately labeled on field photograph 48-J-443. *Also referred to in Item 32*

10. DETAILS OFFSHORE FROM MHWL

Nothing but shoals were encountered, and no attempt has been made to show them on the field photographs. *See Item 32*

11. LANDMARKS AND AIDS TO NAVIGATION

None within the quadrangle limits. *See Item 51*

12. HYDROGRAPHIC CONTROL (RECOVERABLE TOPOGRAPHIC STATIONS)

Eight recoverable topographic (six monumented and two natural objects) were established, and identified on the field photographs and Form 524 submitted.

13. LANDING FIELDS AND AERONAUTICAL AIDS

None.

14. ROAD CLASSIFICATION

All roads were classified in accordance with Photogrammetry Instructions No. 10, dated 14 April 1947, and Amendment dated 24 October 1947.

15. BRIDGES

None.

16. BUILDINGS AND STRUCTURES

Building inspection was in accordance with Photogrammetry Instructions No.29, dated 1 October 1948.

17. BOUNDARY MONUMENTS AND LINES

One full section corner and one  $\frac{1}{4}$  section corner were identified on the field photographs, and Form 524 submitted.

Information controlling other section lines has been shown on field photographs 48-J-164(1 of 2) and 166(2 of 2). This information was supplied by the County Surveyor, and was taken from recorded road location surveys, land survey plats, and county photographs.

The section line control is believed to be adequate. However, if additional control is needed, it is recommended that the field editor contact Mr. Frank P. Schuster, Brevard County Surveyor.

Other boundaries are the subject of a special boundary report for the entire project by Lowell I. Bass, Engineering Aid.

*See Item 69 & Item 50*

18. GEOGRAPHIC NAMES 814 ✓

This is the subject of a special geographic names report for the entire project by Lowell I. Bass, Engineering Aid.

Submitted  
7 March 1949

*W. Frank Therkildson*  
W. Frank Therkildson  
Engineering Aid

Approved and forwarded  
7 March 1949

*George E. Morris, Jr.*  
George E. Morris, Jr.  
Chief of Party

11

PHOTOGRAMMETRIC PLOT REPORT

The Descriptive Report on Main Radial Plot  
No. 1 of 2 for Ph-30(48)-Florida East Coast,  
covering sheets T-9169 thru T-9174, and dated  
28 March 1949 is filed in the General Files,  
Division of Photogrammetry.

MAP T-9171 PROJECT NO. Ph-30(48) SCALE OF MAP 1: 20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\mu$ -COORDINATE LONGITUDE OR $\sigma$ -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)
CLUBHOUSE, SW GABLE, 1940	G.P.s. 569	N.A. 1927	28 36	44.081				1357.0	( 490.1)		
	"	"	80 36	13.393				363.8	(1266.2)		
CHESTER, 1929	"	"	28 36	42.977				1323.0	( 524.1)		
	149	"	80 35	54.282				1474.7	( 155.3)		
PAU, 1940	"	"	28 35	02.273				70.0	(1777.1)		
	559	"	80 36	33.171				901.4	( 729.1)		
FALSE, 1929	"	"	28 35	24.159				743.7	(1103.4)	Not held.	
	751	"	80 34	46.426				1261.5	( 368.8)	See Item 67	
CAP, 1929	"	"	28 34	08.392				258.3	(1588.8)		
	751	"	80 34	16.753				455.3	(1175.4)		
BANANA, 1876	"	"	28 32	55.809				1718.0	( 129.0)		
	751	"	80 36	41.833				1197.1	( 493.8)		
Soto, 1929	"	"	28 36	01.067				32.7	(1811.4)	Unrecovered after	
	150	"	80 34	05.293				146.6	(1484.4)	through search.	
KIMBALL, 1929	"	"	28 31	23.972				738.0	(1109.1)		
	178	"	80 33	32.122				873.4	( 758.0)		
KIMBALL ECCENTRIC, 1929	"	"	28 31	24.327				748.9	(1098.2)		
	150	"	80 33	32.379				880.4	( 751.0)		

1 FT. = 3048006 METER

COMPUTED BY: B.F. Lampton

DATE 29 September, 1948

CHECKED BY: R.R. Wagner

DATE October 4, 1948

M-2388-12

2

COMPILATION REPORT  
TO ACCOMPANY  
QUADRANGLE "FALSE CAPE SE"  
T-9171

26. and 27. CONTROL AND RADIAL PLOT:

At a later date a discussion of the control and radial plot for this map manuscript will be submitted in a special report by M.M. Slavney, Photogrammetric Engineer. *See Item 67*  
*dated 28 March 1949*  
*and filed in the Division of Photogrammetry under Ph-30 (48)*

28. DELINEATION:

The detail on this map manuscript was delineated from 1: 20,000 scale single-lens photographs. They were clear and of good scale. *See Item 68*

The field inspection was adequate except for a few discrepancies noted on the discrepancy overlay.

29. SUPPLEMENTAL DATA:

None used.

30. MEAN HIGH-WATER LINE:

The mean high-water line on the Atlantic Coast was delineated according to the field inspector's notes and measurements.

Most of the shoreline along the Banana River is shown as apparent.

31. LOW-WATER AND SHOAL LINES:

See Field Inspection Report, Item 8.

32. DETAILS OFFSHORE FROM HIGH-WATER LINE:

Several piling in the Banana River were the only details off-shore on this map manuscript. *See Item 10*

33. WHARVES AND SHORELINE STRUCTURES:

All wharves and shoreline structures were delineated in accordance with the field inspector's notes, Item 9.

34. LANDMARKS AND AIDS TO NAVIGATION:

No landmarks or aids to navigation are on this map manuscript.

*See Item 51*

-2-

35. HYDROGRAPHIC CONTROL:

None required

*See Item 12*36. LANDING FIELDS AND AERONAUTICAL AIDS:

No landing fields or aeronautical aids are on this map manuscript.

37. SECTION LINES:

Section lines have been tentatively constructed on the map manuscript in red pencil. A discrepancy print has been prepared for the field editor's use. Section and precinct lines will be made permanent after completion of surveys.

*See Item 69  
& Item 50*38. GEOGRAPHIC NAMES: *814 ✓*

All geographic names submitted by the Washington Office have been applied to the map manuscript.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES AND OTHER MAPS:

No topographic quadrangles are available for comparison.

A comparison was made with Planimetric Map T-4441-B(1930). There are no important differences except in the marsh limits.

45. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Nautical Chart No. 1245 (published in September 1931 at 1: 80,000 scale and bearing the print date of March 15, 1948) and ~~Nautical Chart No. 844 (published in May, 1942 at 1: 40,000 scale and bearing the print date of June 21, 1948).~~ These are in good agreement except for the marsh limits.

Approved and Forwarded:

*Ross A. Gilmore*  
Ross A. Gilmore, 6/9/49  
Chief of Party.

Respectfully submitted,

*Richard A. Reece*  
Richard A. Reece,  
Cartographic Aid

15

FIELD EDIT REPORT  
QUADRANGLE T-9171  
PROJECT PH-30(48)

The field edit of this quadrangle was accomplished in compliance with Field Edit Instructions dated 24 August 1945 and Supplement I dated 4 February, 1946. Actual field work was started August 16, 1949 and completed August 23, 1949.

46. METHODS:

Field edit was accomplished by traversing, via truck, all passable roads; and by walking to other areas in which the reviewer requested information, or for a general check on the adequacy of the maps compilation.

Planetable, hand level, sextant, and tape methods were used to make corrections and additions not shown on the photographs.

On the field edit sheet, red ink was used to show corrections and additions in planimetry, violet ink for topography, green ink for deletions. The majority of the corrections have been shown on the discrepancy print. On the discrepancy print, violet ink was used to show corrections and additions in planimetry, green ink for deletions. Black ink was used for all work on the photographs. Violet ink was used for all work on the section line discrepancy print.

The reviewer's questions are answered on the discrepancy prints whenever possible. Other work was shown on the photographs or field edit sheet. All work shown on the photographs is properly referenced on the discrepancy prints or field edit sheet.

47. ADEQUACY OF COMPILATION:

The map compilation is believed to be adequate with the corrections added by the field editor.

48. ACCURACY TESTS:

No accuracy tests were required for this quadrangle. The map is believed to comply with standard horizontal and vertical accuracy specifications. Information concerning the two nearest map accuracy tests was not available.



49. TOPOGRAPHIC EXPRESSION:

After correcting some of the contours on the extreme southern limits of this area it is believed that the topographic expression of the quadrangle is adequate. The junction has been made with quadrangle T-9174.

50. BOUNDARY MONUMENTS AND SECTION LINES:

Three additional section corners were recovered and identified on the photographs. Seven section lines were verified from Florida State Road Plan. Form 524 is submitted for all monuments recovered.

*Filed in Div. Photogr. General Files. See Item 69*

51. LANDMARKS AND AIDS TO NAVIGATION:

One landmark, previously charted, but overlooked during the initial field work, is recommended for charting. Form 567 is submitted, *copy attached.*

52. ROADS:

The cleared line appearing on the photographs labeled "Proposed FSR ALA" has, to a great extent, grown over with vegetation. No construction has started. It is the consensus of the few people who live in this area that it will be quite some time before any construction will start, if ever.

All roads in this area have been classified in accordance with strict interpretation of Photogrammetry Instructions No. 10, dated April 14, 1947, and amendment dated 24 October, 1947.

53. BUILDINGS:

All buildings have been classified in accordance with Photogrammetry Instructions No. 29, dated October 1, 1948.

54. WOODLAND COVER:

All woodland cover has been classified in accordance with Photogrammetry Instructions No. 21, dated August 18, 1948.

55. EXAMINATION OF PROOF COPY:

It is believed that Frank P. Schuster, registered land surveyor and Brevard County Engineer, of Titusville, Fla. is best qualified to examine a proof copy of this quadrangle.

Mr. Schuster has also expressed a willingness to furnish any needed road data of the proposed Florida State Road 1A when and if construction begins.

Respectfully submitted,  
August 29, 1949

*MM*

*James E. Hundley*  
James E. Hundley  
Cartographer (Photo)

Approved and Forwarded:

*Ross A. Gilmore*  
Ross A. Gilmore, 11/4/49  
Chief of Party

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

# NON-FLOATING AIDS FOR CHARTS

TO BE CHARTED  
TO BE DELETED

STRIKE OUT ONE

\_\_\_\_\_, Cocoa, Florida

August 26

6719

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

The positions given have been checked after listing by \_\_\_\_\_, and Photo parametric Office

Loss of Silmore

Chief of Party:

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.			DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE	LONGITUDE		DATUM								
				° ' "	D. M. METERS	° ' "	D. P. METERS								
W.D.A.	CLB	Large 3-story building once painted green, grey shingle roof, 43.0 feet above ground, 55.0 feet above l.h.h.l.		28 36	1557.0	80 36	363.8	I.L.	1940	X					1245

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

30 MAR 1950.

The Director  
U. S. Coast and Geodetic Survey  
Department of Commerce  
Washington, D. C.

Dear Sir:

Returned herewith are two (2) U. S. Coast and Geodetic Survey  
Topographic Manuscripts, T-9174 and T-9171, which were brought to this  
office by Mr. Kunis, U. S. Coast and Geodetic Survey.

The Department of the Air Force has no objection to the release  
or publication of above mentioned maps as unclassified material.

Very truly yours,

2 Incls

1. Map T-9174
2. Map T-9171

A. HANSEN  
Colonel, USAF  
Chief, Reconnaissance Branch  
Air Intelligence Requirements Div.  
Directorate of Intelligence

## GEOGRAPHIC NAMES

Survey No. T-9171

7 $\frac{1}{2}$ ' quad., Fla. East  
Name on Survey Coast

	A	B	C	D	E	F	G	H	K	
Florida ✓									USGB	1
Brevard County										2
State Highway 1A ✓										3
Atlantic Ocean ✓										4
Banana River ✓										5
Merritt Island ✓										6
De Soto Beach ✓										7
Whites Point ✓										8
Penny Hammock ✓										9
De Soto Beach State Park ✓										10
Harrison Road Creek ✓										11
Harrison Island ✓										12
False Cape ✓										13
Chester Shoal ✓										14
East Conrad Creek ✓										15
West Conrad Creek ✓										16
Gulbrandsen Creek ✓										17
Pintail Creek ✓										18
Titusville Beach ✓										19
Canaveral Club ✓										20
Gator Hole ✓										21
Broadaxe Creek ✓										22
Broadaxe Ridge ✓										23
Broadaxe Point ✓										24
Cochran Cove ✓										25
Jack Davis Island ✓										26
Bluebill Creek										27

On Chart  
No.On previous survey  
No.On U. S. quadrangle  
MapsFrom local  
information

On local Maps

P. O. Guide or Map

Rand McNally Atlas

U. S. Light List

20

Game Refuge

(apparently the "Game Preserve" is a section  
of this park) - see Boundaries ReportGeneral Files,  
Div. of Photogrammetry

Review Report T-9171  
Topographic Map  
3 April 1950

62. Comparison with Registered Topographic Surveys:

T-300	1:20,000	1850
T-1423	1:20,000	1874-75
T-4441	1:20,000	1929
T-4442	1:20,000	1929

This survey supersedes these prior surveys for nautical charting for the area of this map.

63. Comparison with maps of other agencies: None

64. Comparison with Contemporary Hydrographic Surveys: None

65. Comparison with Nautical Charts:

1245	1:80,000	1948 - 3/15
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66. Adequacy of Results and Future Surveys

This map meets the National Standards of Map Accuracy and complies with project instructions.

67. Control:

Triangulation station "False, 1929" was positioned by the radial plot at a point 29 meters NNW of the published geographic position. Two forms M-2226-12 were submitted by separate field parties and both are in close agreement. The field edit party subsequently redescribed the station site, giving reference measurements which agree with these two previous identifications. Since the identification of this station appears so positive and since the radial plot is well controlled by other control in this area, it is concluded that the published position for the station must be in error. The published position is shown on the manuscript. This has been explained on Form 526 submitted to Geodesy by the reviewer.

Page 2  
T-9171

69. Section Lines and Boundaries:

The section lines along the western limit of this map apparently do not agree with the General Land Office plats at points where the lines cross geographic features. Since there was little recovery in this area and since the G.L.O. plats are greatly generalized, the difference could not be reconciled. Accordingly, the lines are shown as unreliable.

A print of this manuscript was submitted to the Defense Department for classification clearance. This print was returned at the time of this review with the northern boundary of the U.S.A.F. Long Range Proving Ground shown thereon at the junction of Township 22 South and Township 23 South on the Canaveral Peninsula. Although the receipt of this information does not affect this compilation, it does indicate a probable change in land use as well as other cultural changes for the map.

Reviewed by:

Everett H. Ramey  
Everett H. Ramey

Approved by:

S. V. Griffith  
Chief, Review Section R.A.M.  
Division of Photogrammetry

J. H. Edmonson  
Chief, Nautical Chart Branch  
Division of Charts

P. S. Reading  
Chief, Div. of Photogrammetry

W. M. Scaife  
Chief, Div. Coastal Surveys

## HISTORY OF HYDROGRAPHIC INFORMATION

T-9171, Florida

Hydrography was applied to the manuscript of this quadrangle in accordance with Division of Photogrammetry request of 1 May 1950 and with general specifications of 18 May 1949. *mounted on request of copy*

The depths are in feet at mean low water and originate with the following surveys and charts:

Hydrographic Survey 1415a (1878) 1:20,000 C&GS.  
Hydrographic Survey 4916 (1929) 1:40,000 C&GS.  
Hydrographic Survey 4946 (1929) 1:40,000 C&GS.  
Hydrographic Survey BP 34221 (1940) 1:10,000 USE.  
Nautical Chart 1245 (1949) 1:80,000 (corrected to 1 May 1950) C&GS.

Bottom contours are shown at 6, 12, 18, and 30 feet.

The hydrography was compiled by R. E. Elkins and checked by R. H. Carstens.

*R. E. Elkins*

R. E. Elkins  
12 May 1950  
Nautical Chart Branch