

# 10532

Original

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Form 504

U. S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

## DESCRIPTIVE REPORT

Type of Survey SHORELINE

Field No. Ph-146 Office No. T-10532

### LOCALITY

State FLORIDA

General locality PEACE RIVER

Locality DEEP CREEK

1956-1958

### CHIEF OF PARTY

A. L. Wardwell, Tampa Photo Office

### LIBRARY & ARCHIVES

DATE \_\_\_\_\_

USCOMM-DC 5087

2304

DESCRIPTIVE REPORT - DATA RECORD

T 10532

Project No. (II): Ph-146

Quadrangle Name (IV):

Field Office (II): Punta Gorda

Chief of Party: A. L. Wardwell

Photogrammetric Office (III): Tampa

Officer-in-Charge: A. L. Wardwell

Instructions dated (II) (III): 2 July 1954  
Amendment No.1 9 Nov. 1954  
Supplement No.1 17 Dec. 1956

Copy filed in Division of  
Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III): Inapplicable

Scale Factor (III): None

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III): M.H.W.

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): TT 47 WKM USGS 1952

Lat.: 27°02'46.66" (1436.1m) Long.: 82°02'02.11" (58.1m)

Adjusted  
~~Unadjusted~~

Plane Coordinates (IV):

State: Florida

Zone: West

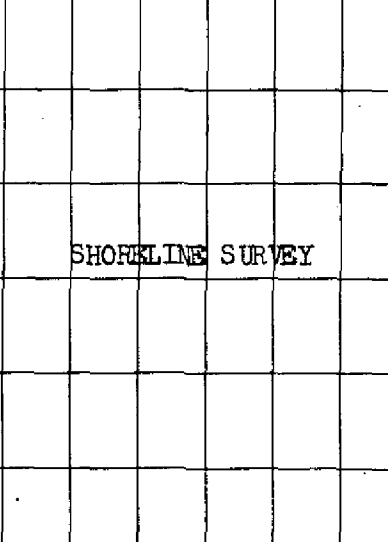
Y= 985 958 Ft.

X= 488 960 Ft.

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



SHORELINE SURVEY

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

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): G. E. Varnadoe Date: Dec. 1958

Planetable contouring by (II): Inapplicable Date:

Completion Surveys by (II): Inapplicable Date:

Mean High Water Location (III) (State date and method of location): Air Photo Compilation  
Nov. 5, 1956 and Oct. 21, 1958

Projection and Grids ruled by (IV): Joan Chaconas (W.O.) Date: 4 Jan. 1957

Projection and Grids checked by (IV): H.D.W. (W.O.) Date: 9 Jan. 1957

Control plotted by (III): R. R. Wagner Date: 10 Nov. 1958

Control checked by (III): R. J. Pate Date: 10 Nov. 1958

Radial Plot ~~by (III): R. R. Wagner~~ Date: 21 Nov. 1958  
~~Control extension~~

Planimetry  
Stereoscopic Instrument compilation (III): Inapplicable Date:  
Contours Date:

Manuscript delineated by (III): R. E. Smith Jr. Date: Dec. 1958

Photogrammetric Office Review by (III): W. H. Shearouse Date: March 1959

Elevations on Manuscript  
checked by (II) (III): Inapplicable Date:

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): C&GS Nine-lens, Wild "S"

4

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide **
55121	Nov. 5, 1956	09:43	1:10,000	
55122	"	09:44	"	
55123	"	09:44	"	
55124	"	09:45	"	
58-S-1447A	Oct. 21, 1958	12:02 Ratio to	"	
" 1448A	"	12:03 " "	"	
" 1449A	"	12:03 " "	"	
" 1700A	"	14:18 " "	"	
" 1701A	"	14:18 " "	"	
" 1702A	"	14:18 " "	"	
" 1703A	"	14:19 " "	"	
" 1704A	"	14:19 " "	"	

Tide (III) \*\*

Reference Station: \*\*

Subordinate Station:

Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV):

Date:

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 6 \*

~~Shoreline (More than 200 meters to opposite shore) (III):~~

Shoreline (Less than 200 meters to opposite shore) (III): 1

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 1

Recovered: 1

Identified: 1

Number of BMs searched for (II): None

Recovered:

Identified:

Number of Recoverable Photo Stations established (III): None

Number of Temporary Photo Hydro Stations established (III): 1

Remarks: \* Limits of delineation as shown on Project Diagram required that only about half the manuscript area be compiled, whereas the Official Mileage for Cost Accounts shows 14 sq. miles. This is apparently for the entire sheet.

\*\* Tide data for this part of Peace River not available. The hydrographic party will establish a tide station in the vicinity, see "Supplemental Instructions - Project 1353" to ship SCSEB and the information can be obtained from them.

# SHORELINE MAPPING PROJECT ~~2731~~ PH-146

Charlotte Harbor, FLORIDA

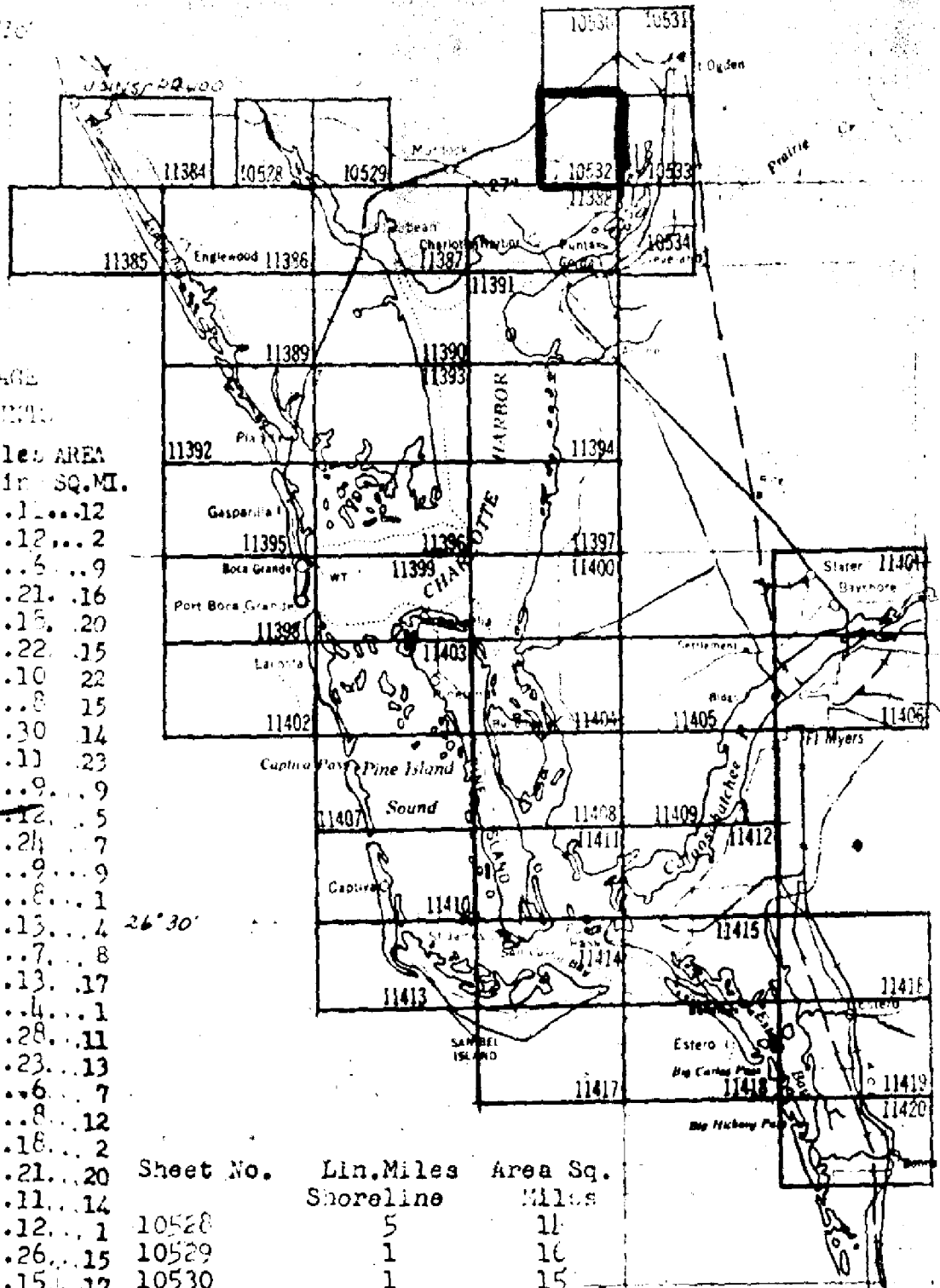
5

## OFFICIAL MILEAGE FOR COST ACCOUNTING

Sheet Lin. Miles AREA  
Nos. Shoreline SQ. MI.

T-11384	.....12	12
T-11385	.....12	2
T-11386	.....6	9
T-11387	.....21	16
T-11388	.....15	20
T-11389	.....22	15
T-11390	.....10	22
T-11391	.....8	15
T-11392	.....30	14
T-11393	.....11	23
T-11394	.....9	9
T-11395	.....12	5
T-11396	.....24	7
T-11397	.....9	9
T-11398	.....8	1
T-11399	.....13	4
T-11400	.....7	8
T-11401	.....13	17
T-11402	.....4	1
T-11403	.....28	11
T-11404	.....23	13
T-11405	.....6	7
T-11406	.....8	12
T-11407	.....18	2
T-11408	.....21	20
T-11409	.....11	14
T-11410	.....12	1
T-11411	.....26	15
T-11412	.....15	17
T-11413	.....18	5
T-11414	.....27	11
T-11415	.....23	19
T-11416	.....4	6
T-11417	.....6	3
T-11418	.....11	4
T-11419	.....18	12
T-11420	.....17	12
Totals	540	393

Sheet No.	Lin. Miles Shoreline	Area Sq. Miles
10528	5	11
10529	1	10
10530	1	15
10531	2	11
10532	2	11
10533	6	12
10534	5	13
Totals	22	98
	51.0	393
Grand Totals	562	1.91



THE FIELD INSPECTION REPORT  
IS SUBMITTED WITH T-10534

COMPILATION REPORT T-10532PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-10534

31. DELINEATION

The graphic method was used.

The scale of the 1956 nine-lens photographs were excellent and they were used for delineation. The scale of the 1958 single lens photographs were satisfactory and were used to make changes that had taken place since 1956. These changes are the result of real estate development and are in the southeast and northeast corners of the sheet. Field inspection was satisfactory.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours inapplicable.

The drainage has been delineated as shown on the photographs and according to field inspection notes.

35. SHORELINE AND ALONGSHORE DETAILS

Shorline inspection was adequate.

No low-water line was shown.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

None.



38. CONTROL FOR FUTURE SURVEYS

One photo-hydro station was established. It is listed under Item 49.

39. JUNCTIONS

A satisfactory junction has been secured with T-10530 to the north, T-10533 on the east and T-11388 on the south. This survey lies in the southeast quarter of the U. S. Geological Survey quadrangle MURDOCK SE, published in 1957 at 1:24,000 scale. Agreement is good.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with C&GS Planimetric Maps No. T-5877 and T-5878 scale 1:10,000, compiled from air photographs taken Dec. 1939 and supplemented by other surveys to August 1944. Minor shoreline changes are noted. The only interior changes are in the areas of new construction.

Comparison was made with Geological Survey Topographic Quadrangle MURDOCK SE, scale 1:24,000, published in 1957, see Item 39. The same changes noted on the planimetric maps appear here.

47. COMPARISON WITH NAUTICAL CHARTS

There is no nautical chart covering the area.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

*Rexford E. Smith Jr.*  
Rexford E. Smith Jr.  
Carto-Photo Aid

Approved and Forwarded:

*Arthur L. Wardwell*  
Arthur L. Wardwell  
Chief of Party

48. GEOGRAPHIC NAME LIST

DEEP CREEK

FLORIDA

HARBOUR HEIGHTS

PEACE RIVER

*A. J. Wright*  
*Geog. Names Sec.*

T-10532

49. NOTES FOR THE HYDROGRAPHER

- 33-47 Top of small palm that overhangs almost 90° just south of cleared area. White cloth band around trunk. A dead palm snag which also overhangs is 3 feet south. Photo 1704

50.

# PHOTOGRAMMETRIC OFFICE REVIEW

T-10532

1. Projection and grids WHS 2. Title WHS 3. Manuscript numbers WHS 4. Manuscript size WHS  
4a Classification label UNCLASSIFIED

## CONTROL STATIONS

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

## ALONGSHORE AREAS

(Nautical Chart Data)

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

## PHYSICAL FEATURES

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

## CULTURAL FEATURES

27. Roads WHS 28. Buildings XX 29. Railroads XX 30. Other cultural features WHS

## BOUNDARIES

31. Boundary lines XX 32. Public land lines XX

## MISCELLANEOUS

33. Geographic names WHS 34. Junctions WHS 35. Legibility of the manuscript WHS 36. Discrepancy overlay XX 37. Descriptive Report WHS 38. Field inspection photographs WHS 39. Forms WHS  
40. William H. Shearouse M. M. Slavney

Reviewer

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.

Complier

Supervisor

43. Remarks:

## Review Report

### Shoreline Maps

T-10528 thru T-10534

January 1965

#### 61. General Statement

Area - The project encompasses the west coast of Florida from Venice to Big Hickory Pass, including Charlotte Harbor and Fort Meyers.

Purpose - The object of this project is to provide shoreline and horizontal control data for hydrographic surveys, and to provide data for nautical chart revisions.

#### 62. Comparison with Registered Topographic Surveys

T-5877	1:10,000	1944
T-5878	1:10,000	1944
T-5880	1:10,000	1944
T-5881	1:10,000	1944
T-8409	1:20,000	1944

There are cultural and shoreline changes due to the difference in time interval. T-10528 thru T-10534 are to supersede the above listed surveys of common areas for nautical charting.

#### 63. Comparison with Maps of Other Agencies

Murdock	1:24,000	1956
Murdock S.E.	1:24,000	1956
Myakka	1:24,000	1944
Fort Ogden	1:24,000	1956
Cleveland	1:24,000	1956

There are small cultural and shoreline differences but in general the agreement is good.

#### 64. Comparison with Contemporary Hydrographic Surveys

H-8469	1:10,000	1959
H-8471	1:10,000	1959
H-8472	1:10,000	1959

Shoreline and control of the subject surveys was furnished prior to the hydrographic surveys and apparently no difference exist of importance.

65. Comparison with Nautical Charts

1255

1:80,000

1956

There is no chart coverage of the above manuscripts except for a portion of T-10534. See item 47 for this comparison.

66. Accuracy of Results and Future Surveys

These surveys were constructed according to project instructions and are within the required accuracy for nautical charting.

Reviewed by:

L. C. Lande  
L. C. Lande

Approved by:

J. E. Vaughn 4/5/65  
Chief, Photogrammetry Division

Chief, Nautical Chart Division

Charles J. Leamon  
Chief, Photogrammetric Branch



### RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

## INSTRUCTIONS

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

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

[illegible]