

10530

Original

Diag. Cht. No. 1255 Insert.

<p>Form 504</p> <p>U. S. DEPARTMENT OF COMMERCE</p> <p>COAST AND GEODETIC SURVEY</p> <h2>DESCRIPTIVE REPORT</h2>	
Type of Survey	SHORELINE
Field No. Ph-146	Office No. T-10530
<p>LOCALITY</p> <p>State FLORIDA</p> <p>General locality PEACE RIVER</p> <p>Locality PLATT</p>	
<p><u>1956-1959</u></p> <p>CHIEF OF PARTY</p> <p>Arthur L. Wardwell, Tampa Photo Office</p>	
<p>LIBRARY & ARCHIVES</p>	
DATE	

USCOMM-DC 5087

10530

DESCRIPTIVE REPORT - DATA RECORD

T - 10530

Project No. (II): Ph-146

Quadrangle Name (IV):

Field Office (II): Punta Gorda, Fla.

Chief of Party: A. L. Wardwell

Photogrammetric Office (III): Tampa, Fla.

Officer-in-Charge: A. L. Wardwell

Instructions dated (II) (III): 2 July 1954

Amendment No. 1 9 Nov. 1954

Supplement 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 46 WKM USGS 1952

Lat.: 27°04'27.57" (849m)

Long.: 82°01'04.08" (112m)

Adjusted
~~Unadjusted~~

Plane Coordinates (IV):

State: Florida

Zone: West

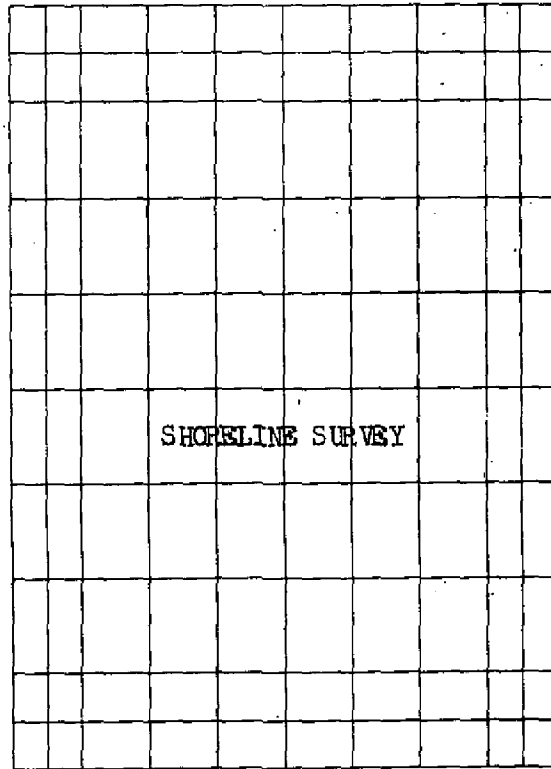
Y= 996147 FT.

X= 494208 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



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

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): G. E. Varnadoe

Date: Jan. 1959

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, Oct. 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 or Stereoscopic

Date: 24 Nov. 1958

~~Stereoscopic~~
Stereoscopic extension by (III): R. R. Wagner

Stereoscopic Instrument compilation (III):
Planimetry
Contours Inapplicable

Date:

Date:

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

Date: Jan. 1959

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

Date: Mar. 1959

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

4

Camera (kind or source) (III): Nine-lens and Wild "S"

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide *
		Time			
55119	5 Nov. 1956	09:42		1:10,000	
55120	"	09:43		"	
55121	"	09:43		"	
58-S-1705	21 Oct. 1958	14:19		" Ratio Prints	
58-S-1706	"	14:20		" " "	
58-S-1707	"	14:20		" " "	

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): Inapplicable

Number of Triangulation Stations searched for (II): 2 Recovered: 1 Identified: 1

Number of BMs searched for (II): None Recovered: Identified:

Number of Recoverable Photo Stations established (III): 2

Number of Temporary Photo Hydro Stations established (III): 7

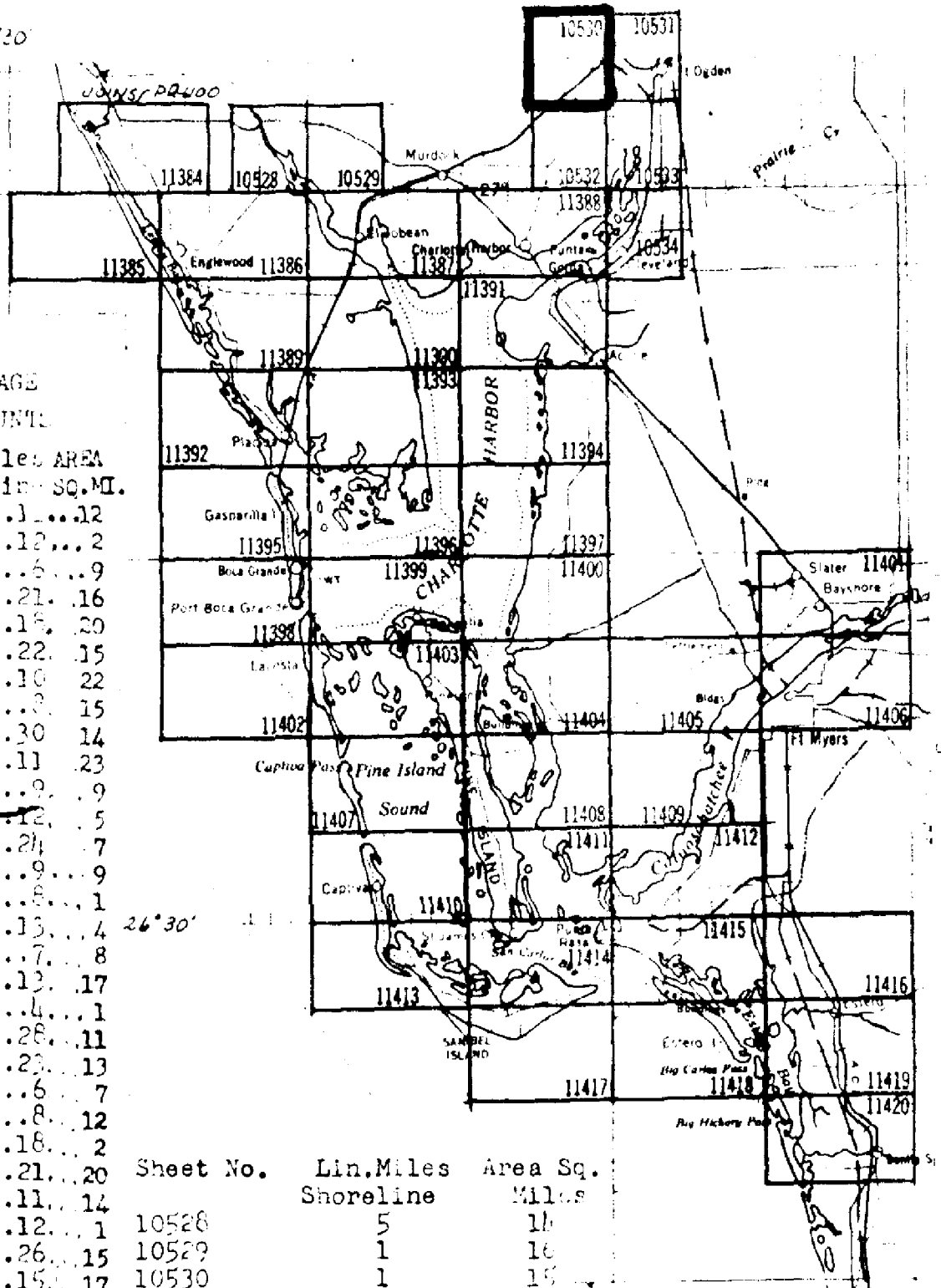
Remarks: * Tide data not available for this area. A gage will be established in the vicinity by the hydrographic party and the information may be obtained from them.

** The limits of compilation set by the Washington Office resulted in this mileage; the 15 sq. miles given on the project layout is apparently for the entire projection.

Charlotte Harbor, FLORIDA

82°20'

27°00'



OFFICIAL MILEAGE
FOR COST ACCOUNTS

Sheet Nos.	Lin. Miles	AREA SQ. MI.
T-11384	1	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	3	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	240	393

Sheet No.	Lin. Miles Shoreline	Area Sq. Miles
10528	5	16
10529	1	16
10530	1	16
10531	2	11
10532	2	11
10533	6	12
10534	5	13
Totals	22	98
	510	393
Grand Totals	562	491

82°20'

81°45'

THE FIELD INSPECTION REPORT
IS SUBMITTED WITH T-10534

COMPILATION REPORT T-10530PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-10534

31. DELINEATION

The graphic method was used.

The scale of the nine lens photographs were excellent. Scale of the 1958 single lens photographs were satisfactory. The nine lens photographs were used for most of the delineation. The 1958 single lens photographs were used to make changes that have taken place since 1956. 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

Shoreline inspection was adequate.

No low-water line was shown.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS

Two recoverable topographic stations and seven photo-hydro stations were established. Forms 524 are being submitted for the topographic stations which are listed along with descriptions of the photo-hydro stations under Item 49.

39. JUNCTIONS

A satisfactory junction has been secured with T-10532 on the south and T-10531 on the east. The survey lies in the southeast quarter of the U. S. Geological Survey quadrangle MURDOCK S E, published in 1957 at 1:24,000 scale. Agreement of details is satisfactory.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with C&GS Planimetric map No. T-5878, scale 1:10,000 compiled from air photographs taken in Dec. 1939 and supplemented by other surveys to Aug. 1944. Only minor differences were noted.

A comparison was also made with Geological Survey Topographic Quadrangle MURDOCK S E, scale 1:24,000, compiled from aerial photographs taken in 1951, topography by planetable surveys in 1956. Only minor differences were noted. Three trails shown on the quadrangle were not considered worthy of mapping.

47. COMPARISON WITH NAUTICAL CHARTS

None.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Approved and Forwarded:

Arthur L. Wardwell
Arthur L. Wardwell
Chief of Party

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

48. GEOGRAPHIC NAME LIST

FLORIDA

PEACE RIVER
PLATT

SEABOARD AIR LINE RR

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

49. NOTES FOR THE HYDROGRAPHER

- 33-48 Offshore end of dead tree that overhangs almost 90°. White cloth strip. Photo 1704
- 31-01 East tip of overhanging tree at south end of point. Tree has no foliage but has vines growing in it. White cloth strip - cut limbs. Photo 1704
- 31-02 North tip of small fern and vine covered island at entrance to slough. 1x2 stake with white flag. Photo 1705
- 31-03 Maple tree about 4 inches in diameter, about 30 feet north of point at slough. Tree is blazed and has a white cloth band around trunk. Photo 1705
- 31-04 South tip of point of grass. Ferns grow 6 feet north of this point. A slough to east forms point. Photo 1706
- 31-05 East tip of point at a dead bush which was cut at west mouth of small slough. 1x2 stake with white flag. Photo 1706
- 31-06 The southeast limb of the northwest of two overhanging dead trees. The tree supporting this limb touches the water. Located just southeast (upriver) from short, rather wide, slough. Photo 1706

Two (2) Topographic Stations were set and located:

PALM 1959

HOLE 1959

PHOTOGRAMMETRIC OFFICE REVIEW

50.

T. 10530

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 WHS 29. Railroads WHS 30. Other cultural features XX

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 Milton 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.

Compiler

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
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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:

<u>J. E. Waugh 4/5/65</u>	
Chief, Photogrammetry Division	Chief, Nautical Chart Division

Charles J. Hauer
Chief, Photogrammetric Branch

