Form 504
U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPITIVE REPORT

Type of Survey: SHORELINE
Field No.: Ph-116
Office No.: T-10528

LOCALITY
State: FLORIDA
General locality: CHARLOTTE HARBOR
Locality: MYAKKA RIVER
CRUZEDIT BAYOU TO DINNER ISLAND
1956-1959
CHIEF OF PARTY
A. L. Wardwell, Tampa Photo Office

LIBRARY & ARCHIVES

DATE
DESCRIPTIVE REPORT - DATA RECORD

T-10528

Project No. (II): Ph-146
Quadrangle Name (IV):

Field Office (II): PUNTA GORDA, FLA.
Photogrammetric Office (III): TAMPA, FLA.

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

Chief of Party: A. L. Wardwell
Officer-in-Charge: A. L. Wardwell
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): MAY 21, 1959
Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date: Date registered (IV):

Publication Scale (IV):
Geographic Datum (III): N.A. 1927
Vertical Datum (III): MHW

Reference Station (III): HAVOLINE 1934
Lat.: 27°02'42.467" (1492.7 m) Long.: 82°15'52.806" (1455.3 m)

Plane Coordinates (IV):
Adjusted

State: Zone:

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.
Areas contoured by various personnel
(Show name within area)

(i) (ii) (iii)
Field Inspection by (II): G. E. Varnadore  
Date: Feb. 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  
Date of Photography: 5 Nov. 1956  
21 Oct. 1958

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

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

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

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

Radial Plot or Stereophotometry: R. R. Wagner  
Stereoscopic Instrument compilation by (III):  
R. J. Pate  
Date: Dec. 1958

Planimetry  
Contours

Manuscript delineated by (III): R. J. Pate  
Date: Mar. 1959

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

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

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Tide (III) *

Reference Station: *
Subordinate Station:
Subordinate Station:

Washington Office Review by (IV):
Final Drafting by (IV):
Drafting verified for reproduction by (IV):
Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 14
Shoreline (More than 200 meters to opposite shore) (III): 5
Control Leveling - Miles (II): Inapplicable
Number of Triangulation Stations searched for (II): 2
Recovered: 2
Identified: 2
Number of BMS searched for (II): None
Number of Recoverable Photo Stations established (III): 1
Number of Temporary Photo Hydrco Stations established (III): 40 **

Remarks: * Tide information not available. The Ship SOSHEE is to install a tide gage in the vicinity and the data may be obtained from their records.

** Photo-hydro stations No's 28-30, 28-36, 28-37 and 28-38 fall south of the limits of this manuscript. They were, however, located and furnished to the hydrographer on a print of this compilation.
THE FIELD INSPECTION REPORT
is SUBMITTED WITH T-10529
COMPILATION REPORT T-10528

PHOTOGRAHMATIC PLOT REPORT

Submitted with T-10534

31. DELINEATION

Graphic compilation method used. Field Inspection and Photography were adequate.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

No statement.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection was adequate.

There are no low-water or shoal lines shown.

36. OFFSHORE DETAILS

No statement.

37. LANDMARKS AND AIDS

There are no landmarks or aids.
38. **CONTROL FOR FUTURE SURVEYS**

Form 524 is submitted for one topographic station. It is listed, along with forty (40) photo-hydro stations under Item 49.

Photo-hydro stations: No's 2830, 2836, 2837, and 2838 are located south of the limits of this survey (in T-11386). They were shown on the compilation manuscript and a print was furnished the hydrographic party, but are not shown on the ADVANCE (VAN DYKE) MANUSCRIPT.

39. **JUNCTIONS**

Junctions were made with T-10529 on the east and T-11386 on the south and are in agreement.

This survey lies within C&GS quadrangle MYAKKA RIVER, FLA., scale 1:31,680, published by the Corps of Engineers, U. S. Army in 1944. Junction of details appears to be in fair agreement.

40. **HORIZONTAL AND VERTICAL ACCURACY**

No statement.

46. **COMPARISON WITH EXISTING MAPS**

Comparison was made with C&GS planimetric maps T-5880 and T-5881, scale 1:10,000, dated 1943 and with C&GS quadrangle MYAKKA RIVER, FLA. scale 1:31,680 dated 1944. They are in good agreement with the exception of a large real estate subdivision in the northeast corner of this survey.

47. **COMPARISON WITH NAUTICAL CHARTS**

There are no charts for this area.

**ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY**

None.

**ITEMS TO BE CARRIED FORWARD**

None

APPROVED AND FORWARDED

Arthur L. Wardwell
Chief of Party

Russell J. Pate
Carto Survey Aid
48. GEOGRAPHIC NAME LIST

BIG SLOUGH

CRUDITT BAYOU

DEER PRAIRIE CREEK

DICKS HOLE

DINNER ISLAND

DOUBLE ISLAND

ENGLEWOOD ROAD

INDIAN MOUND BAYOU

MYAKKA RIVER

MYAKKA SHORES

RIVER ROAD

SALT SPRINGS CREEK

STATE HWY 777

TAMAMI TRAIL

TARPON POINT

U. S. HWY 41

WARM MINERAL SPRINGS

A. J. Wright
Geog. Names Sec.
NOTES FOR THE HYDROGRAPHER

The following are photo-hydro stations:

28-01 Northeast corner of north boat shed - first shed south of bridge. Not marked - photo 58S-1414A.

28-02 Power pole nearest water, southwest side of river. Not marked. Photo 1414A.

28-03 Power pole nearest water - northeast side of river. Not marked. Photo 1414A.

28-04 Center of detached mangrove bush at southeast end of mangrove growth. First mangrove bush north of small creek. White cloth strip - cut limbs. Photo 1413A.

28-05 Northwest tip of marsh point - a dead mangrove bush is 2 meters north of point at south side of water between islands. 1x2" stake with white flag - photo 1414A.

28-06 South tip of marsh and mud point at north entrance to creek. 1x2" stake with white flag - photo 1415A.

28-07 Center of dead mangrove bush at south tip of mangrove point. This bush is detached at MHW. White cloth strip - photo 1415A.

28-08 North tip of mangrove point about midway on east side of small mangrove island at south edge of small cove. White cloth strip, cut limbs - photo 1415A.

28-09 Southeastern most of 7 palms in group in marsh area. White cloth band around trunk and blazed - photo 1415A.

28-10 South tip of point of marsh and mud at north entrance to small bay. 1x2" stake with white flag - photo 1415A.

28-11 Dead mangrove bush at LWL on northwest tip of mangrove island. Cut limbs - white cloth strip - photo 1415A.

28-12 Southwest edge of dead (white) mangrove bush at edge of marsh line. The marsh shoreline jogs to north just southeast of station. Cut limbs and white cloth strip - photo 1415A.

28-13 South tip of dead mangrove bush at southeast end of mangrove point. Cut limbs - white cloth strip - photo 1416A.

28-14 Southwest tip of marsh point at north shore of entrance to creek. White cloth strip on small mangrove with cut limbs. Photo 1416A.
28-15 Tip of dead mangrove limbs on southeast side of island - 270 feet northwest of end of point. There is a slight curve in shoreline just above and just below the station. Cut limbs - white cloth strip - photo 1416.

28-16 A stubby 8-foot tall palm with few fronds - approximately 200 feet north of the northern of two boat slips, about 2 meters west of MHWL. A bushy top palm leaning to north is about 20 feet south. White cloth band around palm - photo 1416.

28-17 The northeast corner of two story house - green first floor - white second floor - only two story house in vicinity. Photo 1416.

28-18 Center of mangrove bush at MHWL about 100 feet north of low bushy palm and about 100 feet south of small bunch of marsh. Cut limbs - white cloth strip - photo 55071.

28-19 Mangrove bush at LWL at north end of mangrove shoreline with marsh to north for about 150 feet. Cut limbs - white cloth strip - photo 55071.

28-20 Dead (white) mangrove bush 2 meters off HWL with marsh behind and about 3 meters north of mangrove. Mangrove begins again about 60 feet north, 1x2" stake with white flag and white cloth strip tied to dead mangrove - photo 55071.

28-21 Small mangrove bush about 5 feet southeast of tip of marsh point. Cut limbs - white cloth strip - photo 1417.

28-22 South tip of marsh point at north entrance to small creek - a strip of marsh continues south of this point about 12 feet and is flooded across at high tide. 1x2" stake with white flag - photo 1417.

28-23 Dead mangrove bush on marsh shore with a lone clump of mangrove about 20 feet inshore - scattered mangrove are about 80 feet southeast and 300 feet northwest. Cut limbs - white cloth strip - photo 1417.

28-24 Center of mangrove bush near southeast end of a marsh and mangrove island, approximately 15 feet northwest of tip of island with smaller scattered mangrove around it. The top and limbs were cut off. White cloth strip - photo 55072.

28-25 Center of partly dead mangrove bush that is semi-detached, at the southeast tip of the mangrove point. Bush is 1 meter east of edge of marsh, in water. Cut limbs and top - white cloth strip - photo 55072.
28-26 Center of detached mangrove bush in water, near center of small cove near north end of mangrove growth and beginning of marsh. Some marsh grows around bush. Cut limbs - white cloth strip - photo 55072.

28-27 Northwesternmost tall palm in growth along shore, at beginning of palmetto growth. Palm leans slightly toward water - top of palm is signal - blazed with white cloth band - photo 55072.

28-28 South tip of mangrove point of island. Cut limbs - white cloth strip - photo 55072.

28-29 Blazed lone palm with white cloth band approximately 10 feet in from HWL. Palm is about 25 feet high and is only high palm in area. Photo 55072.

28-30 Southeastern tip of mangrove and marsh point at northwest entrance to creek. Cut limbs - white cloth strip - photo 55072.

28-31 Detached, small mangrove bush with marsh in and around it, at HWL, approximately 120 feet north of southwest point of island. Cut limbs - white cloth strip - photo 55072.

28-32 Mangrove bush approximately 100 feet north of point of island. There is another lower mangrove bush in the water about 2 meters offshore and another about 2 meters inshore. Cut limbs and white cloth strip - photo 55072.

28-33 Blazed 15-foot palm with white cloth band, approximately 900 feet north of entrance to Big Slough. The palm leans slightly toward water. A short stubby palm 5 feet high joins this one at the root and leans toward water. Photo 1416.

28-34 Point of marsh at northwest end of small cove on marsh shoreline. There is some grass in water west of station. 1x2" stake with white flag. Photo 1416.

28-35 South tip of narrow fringe of marsh which is in water at high tide at northeast entrance to creek. 1x2" stake with white flag. Photo 1416.

28-36 A lone blazed 8-foot palm at the HWL with white cloth band - near the southeast end of a white sand bank (LWL). Mangrove begins about 20 feet southeast of the palm and about 40 feet inshore is a taller palm. Photo 55072.

28-37 The northern tip of a clump of mangrove that is overhanging the water - a larger clump is about 80 feet north and another is about 90 feet south. Cut limbs - white cloth strip - photo 55072.
28-38 North end of mangrove clump that forms a hook about 200 feet north of entrance to small creek. Cut limbs - white cloth strip (old signal). Photo 55072.

28-39 The eastern tip of a partly dead mangrove on the eastern end of the mangrove island. Cut limbs and cloth strip - photo 1417.

28-40 The center of a low (10-foot) cabbage palm which is western palm of small group and is 12 feet north of HML - cut fronds. White cloth strip - photo 1417.

TOPOGRAPHIC STATIONS:

PISH 1959.
PHOTOGRAMMETRIC OFFICE REVIEW

T. 10528

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

CONTROL STATIONS

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. Rocks, shoals, etc.  
15. Bridges  
16. Aids to navigation  
17. Landmarks  
18. Other alongshore physical features  
19. Other alongshore cultural features

PHYSICAL FEATURES

20. Water features  
21. Natural ground cover  
22. Planetary 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

Reviewer  
Supervisor, Review Section or Unit

40. William H. Shephard

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

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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

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<td>Cleveland</td>
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There are small cultural and shoreline differences but in general the agreement is good.

64. Comparison with Contemporary Hydrographic Surveys

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

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<td>Full Part Before After Verification Review Inspection Signed Via Drawing No. Fully applied</td>
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