

10533

Original

Diag. Cht. No. 1255 Insert.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey **SHORELINE**

Field No. **Ph-146** Office No. **T-10533**

LOCALITY

State **FLORIDA**

General locality **PEACE RIVER**

Locality **WHIDDEN BAY TO LETTUCE**

LAKE CUTOFF

1956-1958

CHIEF OF PARTY

A. L. Wardwell, Tampa Photo Office

LIBRARY & ARCHIVES

DATE

USCOMM-DC 5087

10533

DESCRIPTIVE REPORT - DATA RECORD

T-10533

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**

Copy filed in Division of
Photogrammetry (IV)

Amendment No.1 **9 Nov. 1954**

Supplement 1 **17 Dec. 1956**

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 5 1959**

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): **MLW**

~~Intelligence~~ 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): **AF 55(PGS) 1934**

Lat.:

Long.:

Adjusted
~~Unadjusted~~

Plane Coordinates (IV):

State: **Florida**

Zone: **West**

Y= **973,393.02 FT.**

X= **510,615.89 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

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**
21 October 1958

Date of photography: 21 October 1958

Projection and Grids ruled by (IV): **Joan 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: **Nov. 1958**

Control checked by (III): **R. J. Pate**

Date: **Nov. 1958**

Radial Plot or Stereoscopic

Date: **Nov. 1958**

~~Control checked~~ by (III): **R. R. Wagner**
R. J. Pate

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Inapplicable

Contours

Date:

Manuscript delineated by (III): **W. W. Dawsey**

Date: **Jan. 1959**

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

Date: **Feb. 1959**

Elevations on Manuscript

Date:

checked by (II) (III): **Inapplicable**

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): **C&GS Nine-lens and Wild Single-lens "8"**

4

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
55105	5 Nov. 1956	09:31	1:10,000	*
55106	"	09:32	"	
55107	"	09:33	"	
58-s-1445A	21 Oct. 1958	12:02	Ratio	"
1446A	"	12:02	to	"
1447A	"	12:02	"	"
1699A	"	14:17	"	"
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): **12**

Shoreline (More than 200 meters to opposite shore) (III): **6**

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

Control Leveling - Miles (II): **None**

Number of Triangulation Stations searched for (II): **3**

Recovered: **3**

Identified: **2**

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): **58**

Remarks: * There is no tide data for this area. The Ship SOSHEE will establish a tide station in the vicinity in connection with the hydrographic survey and the information may be obtained at a later date.

Charlotte Harbor, FLORIDA

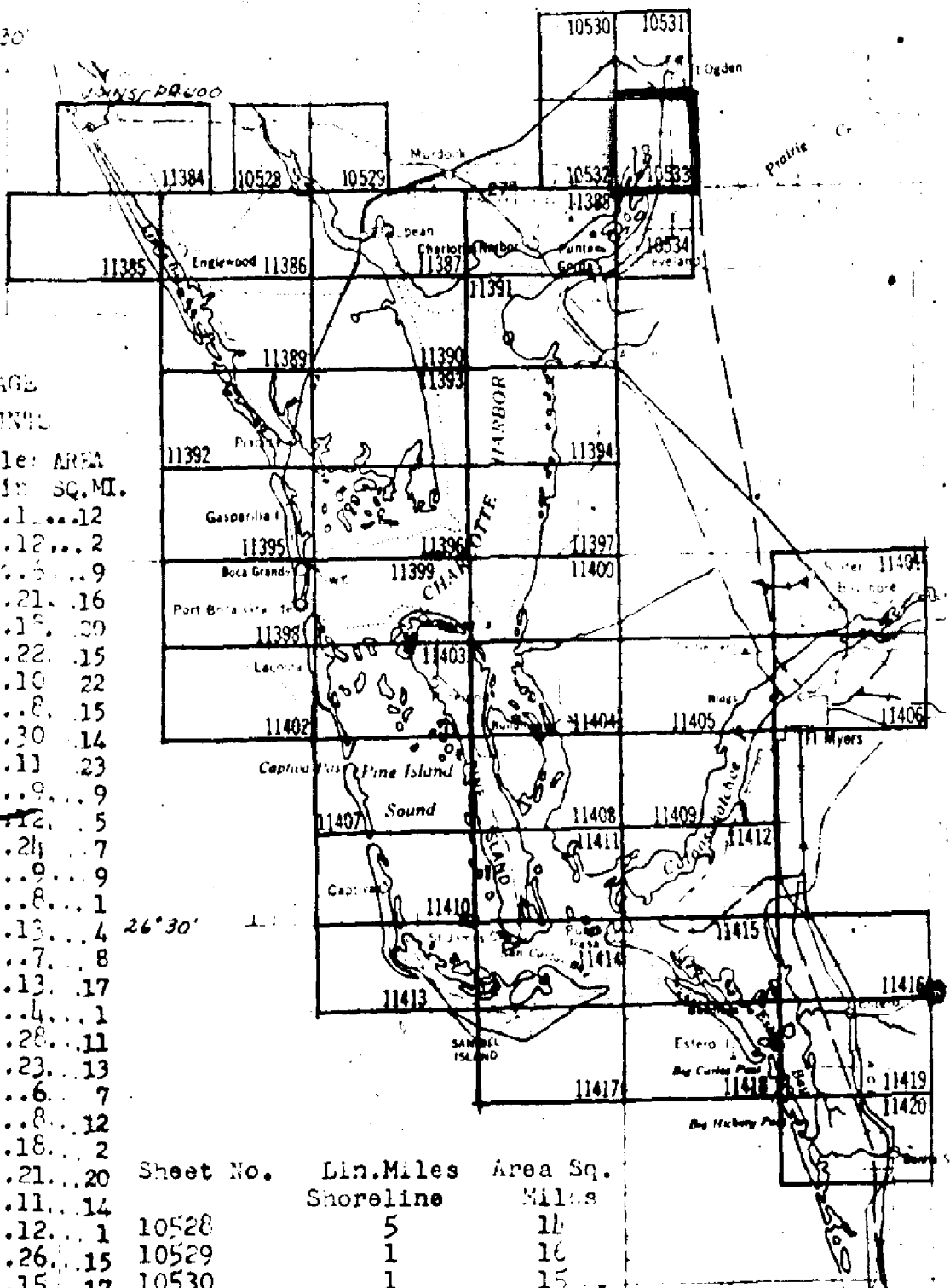
82°30'

27°00'

OFFICIAL MILEAGE
FOR COST ACCOUNTINGSheet 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	16
10529	1	16
10530	1	15
10531	2	14
10532	2	17
10533	6	12
10534	5	13
Totals	22	98
	560	393
Grand Totals	562	491



82°00'

81°45'

THE FIELD INSPECTION REPORT
IS SUBMITTED WITH T-10534

COMPILATION REPORT T-10533

PHOTOGRAMMETRIC PLOT REPORT

See report for T-10534

31. DELINEATION

The graphic method was used. The field inspection was adequate and no problems were encountered in the interpretation of all photographs.

32. CONTROL

See photogrammetric plot report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours inapplicable.

Drainage was delineated in accordance with field inspection notes or was self-evident on the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate. Alongshore detail and low-water line was based on data furnished by the field inspector. There are no shoal lines shown.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS

Fifty-eight photo-hydro stations were established. A list has been prepared and is included under Item 49. Two recoverable topographic stations were established and Form 524 submitted.

39. JUNCTIONS

Junctions have been made with T-10531 to the north, T-10534 to the south, T-10532 to the west. U.S.G.S. Quadrangle FT. OGDEN to the east. This map falls in the southwest part of U.S.G.S. Quadrangle FT. OGDEN.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with planimetric maps T-5877 and T-5878, 1:10,000 scale compiled from photographs of 1939 and supplemented by other surveys to Aug. 1943 and Aug. 1944 respectively. Except for the man-made changes that occurred the comparison was favorable. Comparison was made with U.S.G.S. Quadrangle FT. OGDEN 1:24,000 Edition of 1956; excepting man-made changes the comparison was favorable.

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.


W. W. Dawsey
Cartographer

Approved and forwarded:


Arthur L. Wardwell
Chief of Party

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48. GEOGRAPHIC NAME LIST

ATLANTIC COAST LINE

BOGGS LAKE

COW ISLAND

DEEP CREEK

FLORIDA

HUNTER CREEK

ISLAND 33

JIM LONG LAKE

LEE BRANCH

LETTUCE LAKE CUTOFF

LIVERPOOL ISLAND

LIVERPOOL

MARY POINT

MORGANTOWN

PEACE RIVER

THORNTON BRANCH

WHIDEN BAY

A. J. Wright
Geog. Names Sec.

49. NOTES FOR THE HYDROGRAPHER

- 33-1 End small pier at Liverpool Fish Camp. Another small pier is about 200 feet southeast. Not marked. Photo 1703
- 33-2 Southeast tip of small marsh island about 80 feet southwest of mainland. 1x2 stake with flag 4 feet above low water. Photo 1703
- 33-3 Tip of small overhanging tree with vines in top. About 600 feet downstream from point at entrance to creek. Photo 1703
- 33-4 South tip of fern covered point - another such point is 160 feet southwest. 1x2 stake with white flag. Photo 1702
- 33-5 Center of lone mangrove bush 15 feet offshore. Two other mangrove bushes about same distance off HWL are 40 and 80 feet north. Cut limbs and cloth strip. Photo 1702
- 33-6 Center of 20-foot mangrove tree about 20 feet south of southern tip of island. White cloth strip tied to top of roots 4 feet about MHW. Photo 1702
- 33-7 Southwest tip of mangrove tree (overhanging) at south end of point. Tree has sign "ARCADIA". Cloth strip - cut limbs. Photo 1702
- 33-8 Northwest tip of mangrove point - there is an opening through mangrove to marsh at this point. Cut limbs - cloth strip. Photo 1702
- 33-9 Lone blazed palm about 25 feet high, at MHWL and 150 feet south of patch of marsh. White cloth band around tree. Photo 1701
- 33-10 Lone patch of fern 6 feet diameter, at HWL 100 feet south southwest of trees (4 scattered pine and several palms). A line of ferns begin 40 feet north and 80 feet south. 1x2 stake with white flag. Photo 1700
- 33-11 Lone mangrove bush at apex of V in fern and at edge of marsh. 300 feet north of mouth of small stream. Cut limbs - cloth strip. Photo 1700
- 33-12 South tip of mangrove limbs on south end of small narrow mangrove island. Cut limbs - white cloth strip. Photo 1701

- 33-13 Blazed cabbage palm with white cloth band - at north edge of small cove about 6 feet off marsh line. The palm leans slightly toward water - another palm is about 10 feet south-west. Photo 1701
- 33-14 Top of blazed palm with white band of cloth - about 100 feet north of marsh and ferns. About 20 feet east of HWL in a growth of palmetto. Palm is tallest in area and leans about 20° to south. Photo 1701
- 33-15 Offshore end pier Punta Gorda Boat Club Island 33. Not marked. Photo 1702
- 33-16 Top of palm which is touching water on east side of small island and about 200 feet south of north end. Not marked. Photo 1702
- 33-17 Center of dead tree on southeast end of point - tree carries sign "You are now entering fresh water - license required". No other marks. Photo 1702
- 33-18 Center of lone mangrove bush at edge of ferns 100 feet north-east of end of marsh point. Cut limbs and cloth strip tied to mangrove. Photo 1702
- 33-19 A 10-foot cypress at north end of small hyacinth filled cover and at south edge of sawgrass and ferns. The only cypress in vicinity. Lower limbs cut - white band of cloth. Photo 1702
- 33-20 The top of a 20-foot cabbage palm that leans to north - a much shorter palm is about 50 feet southeast. The signal palm is blazed with a white cloth band. Photo 1702
- 33-21 The top of a palm that leans over water almost horizontal - the top is about 8 feet above high water. Cloth band around trunk. Photo 1702
- 33-22 The east tip of an overhanging small tree at north end of island. Cloth strip tied to limb - trunk blazed. Photo 1702
- 33-23 South tip of detached mangrove tree at south end of mangrove island. White cloth strip and cut limbs - cloth strip is signal site. Photo 1702
- 33-24 Center of lone large mangrove bush at edge of marsh - opposite the point where trees in back make a jog. No other mangrove at edge of marsh for several hundred feet. White cloth strip - cut limbs. Photo 1702

- 33-25 Center of dead bush in waters edge about 50 feet south of southern most palm in area - another such dead bush is northwest of this palm about 20 feet. White cloth strip - limbs not cut. Photo 1702
- 33-26 Center of mangrove bush - mostly dead - about 4 meters southwest of shoreline and about 75 feet north of point. Cut limbs and white cloth strip. Photo 1702
- 33-27 Top of a blazed palm that leans about 10° to water. The palm grows at waters edge about 10 feet north of a myrtle bush in water. White cloth band. Photo 1702
- 33-28 Center of top of palm that leans over water at about 45° - another palm - straight - almost joins this one - about 4 feet away - at its base. A band of white cloth is tied around its trunk. Photo 1702
- 33-29 The eastern tip of mangrove on small mangrove island. White cloth strip and cut limbs. Photo 1700
- 33-30 Center of isolated mangrove bush 10 feet high at edge of marsh. Another isolated bush is about 80 feet south and a small group of mangrove is 60 feet north. Cut limbs and white cloth strip. Photo 1700
- 33-31 Eastern tip of narrowpoint of marsh and small mangrove on southwest side of entrance to small stream. 1x2 stake with white flag 3 feet above high water. Photo 1701
- 33-32 Center of detached clump of fern just off east end of a line of fern. 1x2 stake with white flag 2 feet above fern. Photo 1701
- 33-33 South gable of two-story green house, white trim. Only two-story house in area. Not marked. Photo 1701
- 33-34 Southwest corner of white concrete block house. A small pier painted white is in front of house. Photo 1700
- 33-35 Southwest corner of T-shape pier - largest pier in area. Not marked. Photo 1700
- 33-36 Sign on pile at south tip of marsh point. Sign reads "Peace River Fish Camp etc." Photo 1700
- 33-37 Center of lone 10-foot oak tree growing in edge of water about 120 feet southwest of row of piling. Cut limbs - white cloth strip. Photo 1700

- 33-38 Center of small isolated mangrove bush about 80 feet north of a small mangrove island. Some grass in water around bush. Most of top cut out - white cloth strip. Photo 1700
- 33-39 Small bush on south tip of point covered with ferns. Cut limbs - white cloth strip. Photo 1702
- 33-40 Top of palm that leans about 40° over the water about 100 feet north of dead tree that leans over water. Palm is blazed and white cloth band around trunk. Photo 1702
- 33-41 Center dead bush near southern end of point with small swamp trees and ferns. Top of bush cut off. 1x2 stake with white flag alongside. Photo 1703
- 33-42 Center of top of a low cabbage palm at the south end of a detached group of palms and small trees. Palm overhangs - has vines in it and a small tree alongside. Blazed with white cloth band around trunk. Photo 1703
- 33-43 Center of small tree, which is bare of foliage, at edge of marsh about 20 feet south of detached clump of myrtle trees; another such tree is 8 feet north. Cut limbs and white cloth strip. Photo 1703
- 33-44 Root of large dead tree lying in water 20 feet north of north end of island. White cloth strip. Photo 1704
- 33-45 Southeast tip of narrow fern covered point. 1x2 stake with white flag. Photo 1704
- 33-46 Southeast tip of narrow fern covered point; a small tree is 10 feet north of point. 1x2 stake with white flag. Photo 1704
- 34-04 Lone palm on new fill 300 ft. south of new canal, 30 ft. east of shoreline of new fill. White band of cloth around tree. Photo 1699.
- 88-09 E The center of a clump of grass in water, located at the north end of Whidden Bay. This clump of grass is just southeast of the mouth of the largest stream that flows into Whidden Bay. Note A & B photo 42960.
- 88-13 E The extreme south end of a point of marsh and ferns that are located on the northeast side of the mouth of a small stream. Note A & B photo 42960.

- 88-14 E A point of ferns and marsh just northeast of the mouth of a small stream.
Note A & B Photo 42960.
- 88-15 E A point of tall grass approximately 30 ft. east of a small stream. There is some grass in water just south of the station. Note A & B Photo 42960.
- 88-16 E The south end of a clump of tall ferns that is located just north of a string of small islands. Note A & B Photo 42960.
- 88-18 E The center of an isolated mangrove bush that sits approximately 40 ft. south of the south tip of a marsh island where Peace River and Hunter Creek flow together. Note A&B Photo 42960
- 88-19 E The center of a mangrove bush that stands approximately 40 ft. southeast of the shoreline in Hunter Creek. This bush is approximately 300 ft. southwest of the southwest end of a mangrove island. Note A & B Photo 42960.
- 88-20 E A point of marsh where two small streams flow together. This point is approximately 100 ft. northwest up stream from the mouth of the stream where it flows into Hunter Creek. Note A & B. Photo 42960.
- 88-21 E The trunk of a large pine tree that does not have much foliage. Tree is located approximately 150 ft. inland from some small net racks, approximately 50 ft. south of a dirt road. Note B Photo 42960.
- 88-22 E The trunk of a large pine tree that has an American Eagles nest in its top. Located on the southeast side of Hunter Creek, approximately 200 ft. inland from the shoreline. Note B. Photo 42960.
- 88-27 E The end of a mangrove tree that lies in the water, near the north end of an island. Note A Photo 42960.

Two monumented topographic stations:

LIVERPOOL BM 1 (1956) 1959

STEM 1959

PHOTOGRAMMETRIC OFFICE REVIEW

T. 10533

50:

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) WHS 7. Photo hydro stations WHS 8. Bench marks WHS
9. Plotting of sextant fixes WWD 10. Photogrammetric plot report RRW 11. Detail points WHS

ALONGSHORE AREAS

(Nautical Chart Data)

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

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 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.

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

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. Waugh 4/5/65
Chief, Photogrammetry Division Chief, Nautical Chart Division

Charles J. Hansen
Chief, Photogrammetric Branch

