

11413

Original

Diag. Cht. No. 1255.

Form 604	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE
Field No.	Office No. T-11413
LOCALITY	
State	FLORIDA
General locality	GULF COAST
Locality	SANIBEL AND CAPTIVA ISLANDS
1953 — 1958	
CHIEF OF PARTY	
Arthur L. Wardwell, Tampa District Office	
LIBRARY & ARCHIVES	
DATE	

USCOMM-DC 5087

MAP 1 Shoreline from
photography and field inspection
MAP 2 Shoreline updated from
field edit
See Addendum (1st page)

11413

ADDENDUM
REVIEW REPORT
T-11400, 11404, 11407, 11410, 11411, 11413, & 11414
April 1975

The Hydrographic Survey Branch found during their review of the contemporary hydrographic survey that copies of the manuscripts marked Advanced (field edit applied) existed for the maps listed in the heading of this addendum. The records show that the maps were registered in 1965. The Descriptive Reports make no mention of a field edit, nor do they reflect the additions and corrections shown on the Advanced Manuscript copies.

In order to assure the proper utilization of these maps, both will be registered. The maps are numbered Map 1 and Map 2. Map 1 will show the shoreline and signals as they were compiled from the photography and field inspection. Map 2 will reflect field edit showing shoreline changes and new hydrographic signals in red ink. The field edited map (Map 2) was not reviewed because the data is not available.

Donald M. Brant
Quality Control and Review Group

DESCRIPTIVE REPORT - DATA RECORD

T- 11413

Project No. (II): **Ph-1146**

Quadrangle Name (IV):

Field Office (II): **Matlacha, Fla.**

Chief of Party: **H. C. Applequist**

Photogrammetric Office (III): **Tampa, Fla.**

Officer-in-Charge: **A. L. Wardwell**

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

Amendment 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):

MAY 17 1960

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): **MHW**

~~Mean Low Water~~ 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 118 ERS, USGS 1952**

Lat.: **26°28'36.42" (1120.8 m)** Long.: **82°10'34.23" (948.1 m)**

Adjusted
~~Unadjusted~~

Plane Coordinates (IV):

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.

DESCRIPTIVE REPORT - DATA RECORD

SHORELINE

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

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): **E. T. Jenkins**

Date: **Sept. 1956**

Planetable contouring by (II): **Inapplicable**

Date:

Completion Surveys by (II): **Inapplicable**

Date:

Mean High Water Location (III) (State date and method of location): **Air photographic compilation**
Date of photography: 21 Oct. 1958

Projection and Grids ruled by (IV): **Austin Riley (W.O.)**

Date: **Jan. 1955**

Projection and Grids checked by (IV): **Austin Riley (W.O.)**

Date: " "

Control plotted by (III): **R. E. Smith**

Date: **Aug. 1956**

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

Date: **Aug. 1956**

Radial Plot or Stereoscopic

Date: **Sept. 1956**

~~Control extension by~~ (III): **M. M. Slavney**

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

Date:

Date:

Manuscript delineated by (III): **R. R. Wagner**
R. J. Pate

Date: **Dec. 1956**
Jan. 1959

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

Date: **Oct. 1959**
Jan. 1960

Elevations on Manuscript

Date:

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

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): **C&GS 9-lens & Single-lens "g"**

4

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
42836	1 Dec. 1953	12:51	1:10,000	* 1.0
42837	"	"	"	"
42838	"	12:52	"	"
42840	"	12:56	"	"
42841	"	12:57	"	"
42842	"	12:57	"	"
5851476A	21 Oct. 1958	12:17	"	* 0.6
" 1477A	"	"	"	"
" 1478A	"	"	"	"
" 1479A	"	12:18	"	"
" 1480A	"	"	"	"

Predicted
Tide (III)

Reference Station: **St. Marks River Entr.**
Subordinate Station: **Point Ybel San Carlos Bay Entr.**
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
—	2.4	3.1
0.8	1.8	2.4

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): **5**
Shoreline (More than 200 meters to opposite shore) (III): **18**
~~Shoreline (Less than 200 meters to opposite shore) (III):~~
Control Leveling - Miles (II): **Inapplicable**
Number of Triangulation Stations searched for (II): **2**
Number of BMs searched for (II): **None**
Number of Recoverable Photo Stations established (III): **3**
Number of Temporary Photo Hydro Stations established (III): **47**

Recovered: **2**
Recovered:

Identified: **2**
Identified:

Remarks:

Charlotte Harbor, FLORIDA

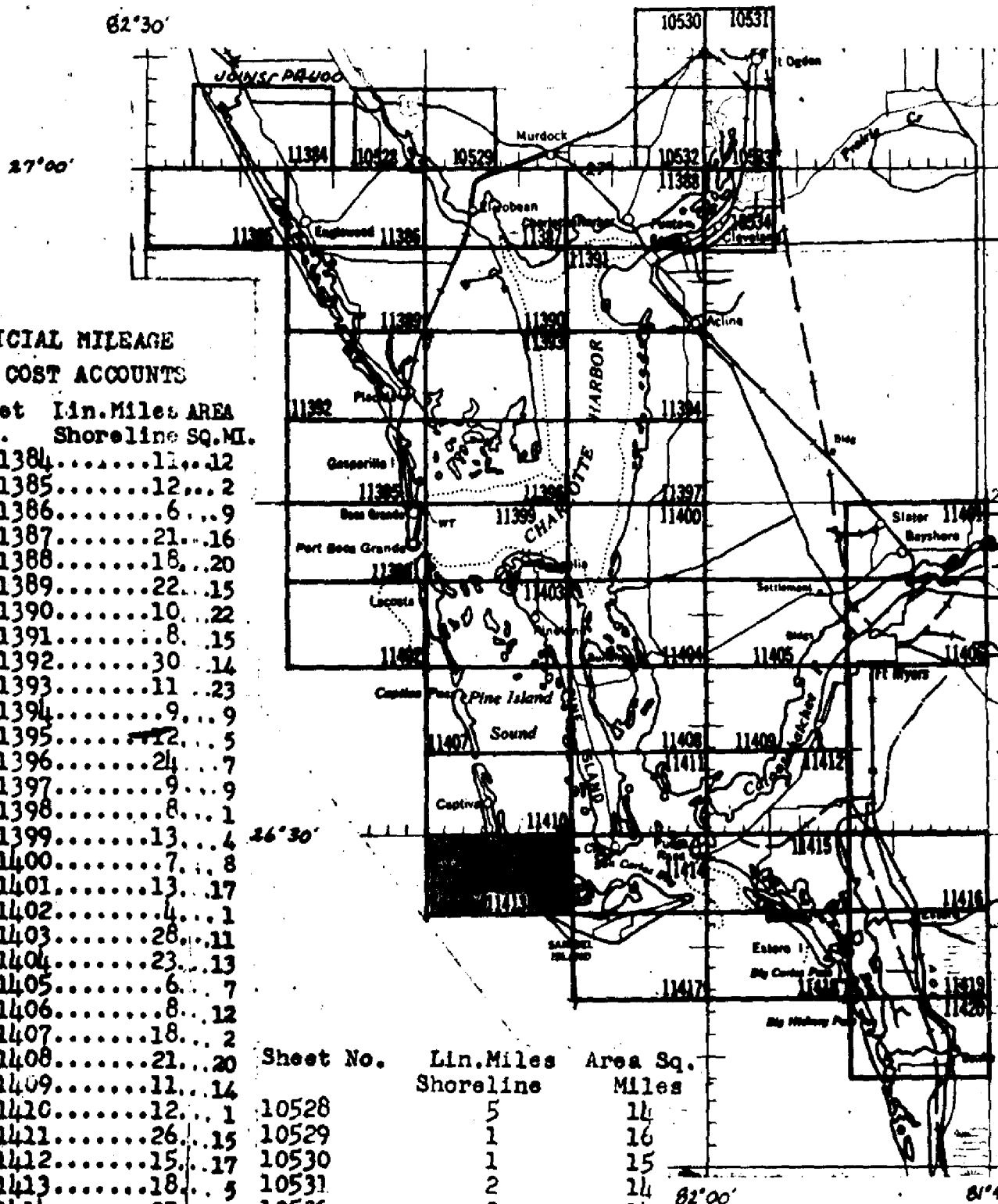
OFFICIAL MILEAGE
FOR COST ACCOUNTSSheet Lin. Miles AREA
Nos. Shoreline SQ. MI.

T-11384	11	12
T-11385	12	2
T-11386	6	9
T-11387	21	16
T-11388	18	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	14
10529	1	16
10530	1	15
10531	2	14
10532	2	11
10533	6	12
10534	5	13
Totals	22	96
	540	393

Grand Totals 562 491



FIELD INSPECTION REPORT

Submitted with F-111,04

COMPILATION REPORT

T-11413

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-11411.

31. DELINEATION

The graphic method was used.

The nine-lens photographs were of poor scale but the single-lens ratio prints were fair. The field inspection was good.

Delineation was extended south of the map limits to map a small bulge in Sanibel Island that the project layout showed as a westward extension of T-10417. It was shown on this manuscript because our manuscript printing frame could not handle the T-10417 extension.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are applicable.

The drainage was delineated without any difficulty.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate.

The low-water and shoal lines were furnished by the field inspector.

The shoreline was revised from the single-lens photographs of 21 October 1958.

Shoreline in the vicinity of BLIND PASS is subject to frequent change. It is so labelled.

36. OFFSHORE DETAILS

No unusual problems were encountered.

37. LANDMARKS AND AIDS

There are no landmarks.

Form 567 for nonfloating aids was submitted to the Washington Office under date of 24 November 1958.

38. CONTROL FOR FUTURE SURVEYS

A list of three (3) topographic and forty-seven (47) photo-hydro stations with descriptions for the latter are included under Item 49.

39. JUNCTIONS

Junctions were made with T-11410 on the north, T-11413 on the east and T-11417 on the southeast. There is no contemporary survey on the south and west.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with USGS quadrangle "WULFERT" scale 1:24,000 edition of 1958. Comparison was also made with C&GS planimetric maps T-5865 and T-5866 scale 1:10,000 dated March 1943. They are in fair agreement except for considerable shoreline changes along the Gulf in the vicinity of Blind Pass and a wreck on T-5865. The wreck on the manuscript is about 115 meters east of the position on T-5865. This matter is noted under Item 49.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with C&GS chart 1255 (ESTERO BAY TO LEMON BAY) scale 1:80,000 corrected to 13 Apr. 1959. The two are in fair agreement. The planimetric maps listed under Item 46 appear to be the source of topography and the same differences exist.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

R. R. Wagner
R. R. Wagner
Cartographer

Approved and Forwarded:

Arthur L. Wardwell
Arthur L. Wardwell
Chief of Party

48. GEOGRAPHIC NAME LIST

Some conflict is apparent between two sources, i.e. planimetric maps T-5865 and T-5866, dated 1942-1943 and U.S.G.S. quadrangle WULFERT, FLA. and SANIBEL, FLA. dated 1958 scale 1:24,000. Without a thorough field investigation it is felt that the most satisfactory solution practicable has been arrived at and is as follows:

HARDWORKING BAYOU, shown according to 1958 USGS quadrangle WULFERT.

* Checked and
OK. 6-9-65
A. J. Wright

UMBRELLA POOL and DEAD OYSTER CREEK, shown as on planimetric map T-5866. These names do not appear on the G.S. quadrangle. Instead, the name SANIBEL BAYOU shows in their place. This seems to be misplacement of the name.

SANIBEL BAYOU, shown in the singular as on the GS. quadrangles. This bayou is continuous, altho partially broken by islands and points of mangrove and the name applied without the final "s" seems appropriate.

OLD BLIND PASS CHANNEL, shown as on map T-5865. The name defines a feature which is actually a channel rather than a Pass (the pass has been closed for many years, a new one being near by) as would be inferred if the word channel was omitted as on USGS quadrangle WULFERT.

ALRIGHT ISLAND

BLIND PASS
BUCK KEY
BUCK KEY CHANNEL

CAPTIVA ISLAND
CLAM BAYOU
CORAL CREEK INLET

DEAD OYSTER CREEK
DINKEN BAYOU

FLORIDAGULF OF MEXICO

HARDWORKING BAYOU
HALLOWAY BAYOU

KESSON BAYOULONG POINTOLD BLIND PASS CHANNELPINE ISLAND SOUND

ROOSEVELT CHANNEL
RUNYAN KEY

SANIBEL BAYOU
SANIBEL ISLAND
SANIBEL SAND FLATS
SILVER KEY

UMBRELLA POOL

WULFERT
WULFERT CHANNEL
WULFERT FLATS
WULFERT KEYS

Names checked
and approved
6-6-65

A. J. Wright

TABLE OF BRIDGE AND CABLE CLEARANCES for T-10413

<u>NAME</u>	<u>TYPE</u>	<u>HORIZONTAL</u>		<u>VERTICAL</u>	
		<u>BRIDGE BOOK</u>	<u>FIELD</u>	<u>BRIDGE BOOK</u>	<u>FIELD</u>
BLIND PASS	Fixed	29 Ft.	34 Ft.	8.5 Ft.	8.0 Ft.

OVERHEAD POWER CABLE - Blind Pass & Dinken Bayou

25 Ft. above MHW

49. NOTES FOR THE HYDROGRAPHER

Following is a list of forty-^{seven}~~six~~ (47) photo-hydro stations with their descriptions; and three marked topographic stations:

Note-"A": Driven at the point identified is a 1x2 inch stake, 3 ft. long with the top portion painted white, with "US GOVT" stenciled thereon in black. Nearby is a 1x1 inch stake 5 ft. long, with a small white flag attached.

Note-"B": Tied on or nearby is a 2 ft. white cloth streamer.

1301 The center of two/^{small}Austrailian pines 55 ft. east of the MHWL, 48 ft. north of a large pine nearer to the shoreline, in front of a white house with blue shutters. They are just north of the west end of a row of 4 young pines that lead out from the house. Note A&B Photo 42836.

1302 The southwest corner of a small beach-shed that is covered with 1x6 and supported by 4 post. Shed is about 100 ft. southwest of a gray flat topped building that has a concrete block chimney. Station is 51 ft. east of the MHWL. Note A. Photo 42836.

1303 A small Austrailian pine 100 ft. east of the MHWL and about 100 ft. NNW of a narrow dirt road that leads to the beach. Note A&B. Photo 42837

1304 The most northeasterly piling of a group of piling, is about 10 inches in diameter and has two cross arms on it. The short staked description in Note A is nailed to the piling. Photo 42837

1305 A small Austrailian pine 30 ft. NE of the MHWL. There is a small clear area northeast of the station. Stakes described in Note A are nailed to this tree about 6 ft. above the ground. Photo 42837

1306 An Austrailian pine 130 ft. northeast of the shoreline tree is 80 ft. northwest of a group of 5 pines and about 150 ft. southeast of 2 pines. The stakes described in note A are nailed to the tree about 6 ft. above the ground. Photo 42837

1307 An Austrailian pine 340 ft. northeast of the Gulf MHWL and 160 ft. southwest of Blind Pass MHWL. It is just northwest of a group of large pines. Stakes described in Note A are nailed to the tree. Note B Photo 42837

1308 The northwest end of a clump of sea oats 580 ft. northeast of the Gulf MHWL, about 40 ft. south of a small cove in Blind Pass. This small cove has water only at H.W. Station is marked with a pole driven into the sand and projecting 10 ft. Note A&B. Photo 42837

1309 A small break in the mangrove at the east end of a small row of mangrove that is partly dead. Note A&B Photo 42838

1310 The most southwesterly bush of the long narrow point of mangrove. There are no other mangrove east of this row for about 800 ft. Note A&B Photo 42838.

1311 The center of a mangrove bush 60 ft. northeast of the MHWL at the back edge of the sand beach. There is a small mangrove bush about 8 ft. northwest of this one and there is a dense growth of mangrove that comes to a point about 100 ft. northeast of bush. Note A&B Photo 42840

1312 A corner of very low mangrove. The corner is formed by the intersection of the edge of a dirt road with the mainland side of the sand beach. This road makes a sharp curve to the N.W. just as it leaves the beach. Note A&B Photo 42840.

1313 The center of a small Australian pine 40 ft. NE of the MHWL. There are no large pine in the near area but there are several in a row NE of the station. The stakes described in Note A are nailed to this tree about 6 ft. above the ground. Note B. Photo 42840

1314 Center of small Australian pine 140 ft. NE of the MHWL in a small area by it'self with the next nearest pine being about 80 ft. distance. The stakes described in Note A are nailed to the tree about 6 ft. above the ground. Note B Photo 42840

1315 A small Australian pine 225 ft. NE of the MHWL in a scattered group of 5 pines. Stakes described in Note A are nailed to the tree about 6 ft. above the ground. Note B. Photo 42840

1316 A small Australian pine 200 Ft. NE of the MHWL. Pine is in small area that is fairly clear and some palms can be seen NE of the station. Stakes described in Note A are nailed to tree about 10 ft. above ground. Note B. Photo 42840

1317 A small Australian pine 125 ft. NE of the MHWL among a group of pines. Stakes described in Note A are nailed to this tree about 6 ft. above the ground. Note B Photo 42840

1318 A point on a large low seagrape, 120 ft. NE of the shoreline and about 200 ft. southeast of a lone large Australian pine. Note A & B. Photo 42840

1319 The most westerly of two small Australian pines 105 ft. NE of the MHWL. There is a clump of larger pines NW of the station and a small green roofed house about 300 ft. N. of the station. Stakes described in note A are nailed to tree about 6 ft. above the ground. Note B Photo 42840

1320 The north end of a row of mangrove that grows on oyster shells near the center of the pass. Note A Photo 42836

- 1321 The center of the most westerly edge of the isolated mangrove bush. Note A. Photo 42836
- 1322 A point of mangrove about 140 ft. SW of where the shoreline turns to the NNW to enter a slough or neck of water. This is the sharpest point in near area. Note A & B Photo 42836
- 1323 A small point of mangrove that has a few oysters scattered in front of it. The point is about 100 ft. SW of where the shoreline turns to the west into a small cove. Note A & B. Photo 42836
- 1324 A point of mangrove that is about 400 ft. south of the most prominent point in the near area. Note A & B Photo 42836
- 1325 The most easterly part of an isolated mangrove bush. This part of bush forms a point. Note A & B Photo 42837
- 1326 The most over-hanging mangrove bush near where the shoreline turns. Note A & B Photo 42837
- 1327 A low point of mangrove and is the most prominent point in the near area. Note A & B Photo 42837
- 1328 The offshore end of a small pier that leads out from a small abandoned house. Station not marked. Photo 42837
- 1329 The center of the smallest of two isolated mangrove bushes. Bushes are almost grown together. Note A. Photo 42837.
- 1330 The east gable of a tin roofed abandoned house. This is the only house in the near area. Station not marked. Photo 42837
- 1331 A point of mangrove at the east edge of a small indentation. Note A. Photo 42837
- 1332 Point of mangrove (not described by fieldman) presumably marked Note A & B. Photo 42837
- 1333 The NW corner of a small L pier, the first pier south of the SE end of the bridge. Station not marked. Photo 42837.
- 1334 The end bush of a row of mangrove at the edge of an abandoned road directly underneath an overhead electric cable. Note A & B Photo 42837
- 1335 The NW end of the L of a L shaped pier. This is the only pier in near area. Station not marked. Photo 42837.
- 1336 The center of an isolated mangrove bush at the waters edge. Note A & B Photo 42837

1337 The center of an Australian pine that grows near the center of a small island. This pine is the most NW one on the island. Notes described in Note A are nailed to this tree about 8 ft. above the ground. Compiler, top of tree pricked.

1338 An over-hanging mangrove limb at the most northerly part of the island. Note A & B Photo 42841

1339 The center of the eastern edge of a small mangrove island. There is a small indentation at the point used. Note A. Photo 42841

1340 A point of mangrove near the center of the N side of the island. It is the sharpest point about 70 ft. NE of a blunt longer point of mangrove. Note A & B Photo 42841

1341 The SE end of a narrow patch of grass that is about 50 ft. long and about 5 ft. wide. Grass grows on a sand bar that is about one ft. below low water. Station marked with a 12 ft. mangrove pole driven 5 ft. into the sand and it is braced with 2 mangrove poles. The short stake described in Note A is nailed to the top of the mangrove pole.

1342 An over-hanging mangrove limb that is about 10 ft. above water. There is a very small indentation of the shoreline at this point. Note A & B Photo 42841

1343 The center of a spot of grass between a small sand spot and the large sand area at the N. edge of the sand. Station marked with a 12 ft. mangrove pole driven 4 to 5 ft. in the sand and it is braced with 2 mangrove poles. The short stake described in Note A is nailed to the center mangrove pole. Photo 42841

1344 The extreme NNW point of mangrove bear the center of the prominent point. It is the most over-hanging limbs nearby. Note A & B Photo 42841

1345 The sharpest point of mangrove at the opening to the shallow bayou. Note A. Photo 42841

1346 The NNE end of a narrow strip of sand that is about 140 ft. long and has an average width of about 20 ft. The point is about 100ft. from the nearest mangrove shoreline. Station marked by a 10 ft. piece of 2x8 driven 5 ft. into the sand and braced with 2 mangrove poles. The short stake described in Note A is nailed to the 2x8 at its top. Photo 42841

1701 The center of the top of small Australian Pine 105 ft. NE of the MHWL. This tree is the 2nd one SE of a dirt road that leads to the beach. Stakes described in Note A are nailed to the tree abt. 10 ft. above ground. Pho.42840.

TOPO STATIONS AS FOLLOWS: JENK 1956, ROCA 1956, GUT (1943) 1956

NOTE: The position of a wreck north of Wulfert Keys should be checked. The position given by the field inspector is about 115 meters east of that as shown on planimetric map T-5865 dated 1943.

50.

PHOTOGRAMMETRIC OFFICE REVIEW OF ADVANCE MANUSCRIPT

T. 11413

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

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline WHS 13. Low-water line WHS 14. Rocks, shoals, etc. WHS 15. Bridges WHS 16. Aids to navigation WHS 17. Landmarks XX 18. Other alongshore physical features WHS 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 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 MMS 38. Field inspection photographs WHS 39. Forms WHS
40. William H. Shearouse Milton M. Slattery
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-11413 through T-11420
June 1965

61. General Statement

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

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-5865	1:10,000	1943
T-5866	1:10,000	1943
T-5867	1:10,000	1943
T-5868	1:10,000	1943
T-5869	1:10,000	1943
T-5870	1:10,000	1943
T-4389	1:20,000	1927

There are cultural and shoreline changes due to the differences in the time interval. T-11413 through T-11420 are to supersede the above surveys of common area.

63. Comparison with Maps of Other Agencies

Fort Myers SW	1:24,000	1958
Fort Myers Beach	1:24,000	1958
Wulfert	1:24,000	1958
Sanibel	1:24,000	1958
Estero	1:24,000	1958
Bonita Springs	1:24,000	1958

Due to new construction there are cultural and shoreline differences.

64. Comparison with Contemporary Hydrographic Surveys

H-8598	1:10,000	1961
H-8363	1:20,000	1961
H-8632	1:10,000	1961

Shoreline and control was furnished prior to the hydrographic surveys.

65. Comparison with Nautical Charts

856 SC	1:40,000	1964
1255	1:80,000	1962 revised to 1963

65. Comparison with Nautical Charts (CONTINUED)

Differences exist. However there are not items to be applied immediately.

66. Adequacy of Results and Future Surveys

These surveys were prepared according to project instructions and are within the requirements for adequacy and accuracy.

Reviewed by:

L. C. Lande
L. C. Lande

Approved by:

Charles H. Hannon
Chief, Photogrammetric Branch

J. E. Waugh 9/15/65
Chief, ~~Nautical Chart~~ Division
Photogrammetry

Chief, Photogrammetry Division

