

11414

Original

Diag. Cht. No. 1255.

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE
Field No. Ph-146	Office No. T-11414
LOCALITY	
State	FLORIDA
General locality	SANIBEL ISLAND
Locality	SAN CARLOS BAY TO PINE ISLAND SOUND
1953-1958	
CHIEF OF PARTY	
Arthur L. Wardwell, Tampa District Office	
LIBRARY & ARCHIVES	
DATE	

USCOM-DC 5087

MAP 1 Shoreline from photography
and field inspection

MAP 2 Shoreline updated
from field edit

See Addendum (1st Page)

11414

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 - 11414

Project No. (II): **Ph-146** 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 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):

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 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): **SANIBEL ISLAND LIGHT 1955**

Lat.: **26°27'09.220" (283.7 m)** Long.: **82°00'51.987" (1440.2 m)**

Adjusted
Unadjusted

Plane Coordinates (IV):

State:

Zone:

Y=

X=

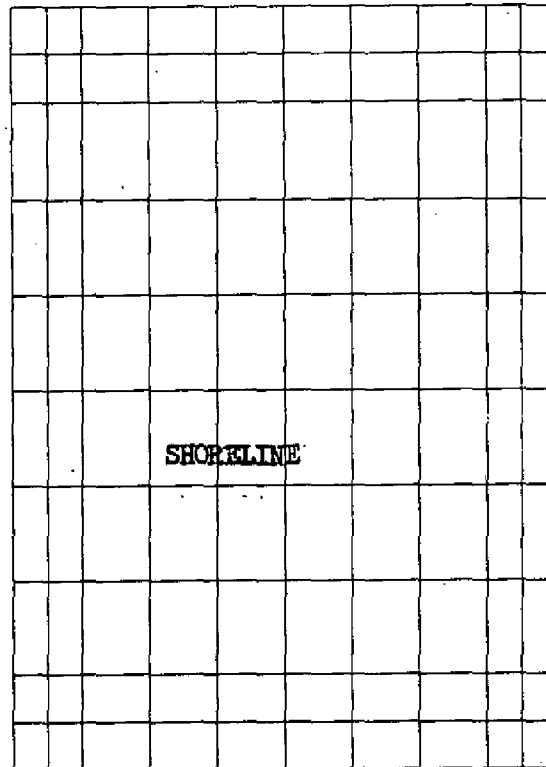
Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office,
or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.

DESCRIPTIVE REPORT - DATA RECORD

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

2.



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

Inapplicable

DESCRIPTIVE REPORT - DATA RECORD

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

Date: **Nov. 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 photo compilation**
Date of photography: 21 Oct. 1958

Projection and Grids ruled by (IV): **A. R. (W.O.)**

Date: **Jan. 1955**

Projection and Grids checked by (IV): **A. R. (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 ~~not stereoscopic~~

Date: **Oct. 1958**

~~Contour plotting~~ by (III): **M. M. Slavney**

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

Date:

Date:

Manuscript delineated by (III): **I. I. Saperstein**

Date: **Oct. 1959**

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

Date: **Nov. 1959**

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): **Nine-lens and Single-lens "9"**

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
42873	1 Dec. 1953	13:21	1:10,000	0.8
42874	"	13:21	"	"
42875	"	13:22	"	"
42886	"	13:35	"	"
42887	"	13:36	"	"
42933	"	14:08	"	0.7
42934	"	14:09	"	"
42935	"	14:09	"	"
42936	"	14:10	"	"
42939	"	14:16	"	"
58SL486A	21 Oct. 1958	12:23	"	0.6
58SL489A	"	12:24	"	"
58SL525A	"	12:38	"	"
58SL527A	"	12:38	"	"
58SL532A	"	12:44	"	"

(III) Predicted Tide

Ratio of Ranges	Mean Range	Spring Range
-	2.4	3.1
0.71	1.7	2.3

Reference Station: **St. Marks River Ent.**

Subordinate Station: **Punta Rasa, San Carlos Bay**

Subordinate Station:

Washington Office Review by (IV):

Date:

Final Drafting by (IV): **V. P. Cackowski, Tampa District Office**

Date: **Apr. 1960**

" " Reviewed by: **W. H. Shearouse** " " "

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): **11**

Shoreline (More than 200 meters to opposite shore) (III): **27**

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

Control Leveling - Miles (II): **Inapplicable**

Number of Triangulation Stations searched for (II): **25***

Recovered: **16***

Identified: **8***

Number of BMs searched for (II): **5**

Recovered: **4**

Identified: **1**

Number of Recoverable Photo Stations established (III): **4****

Number of Temporary Photo Hydro Stations established (III): **90**

Remarks: * No Form 526 was available for traverse station C-10 (USE 1946) USGS1952 When Mr. Varnadoe's field unit returns to the area he will be requested to submit a recovery note.

Of the 25 stations shown as "searched for" 3 were established in 1956.

** One station monumented

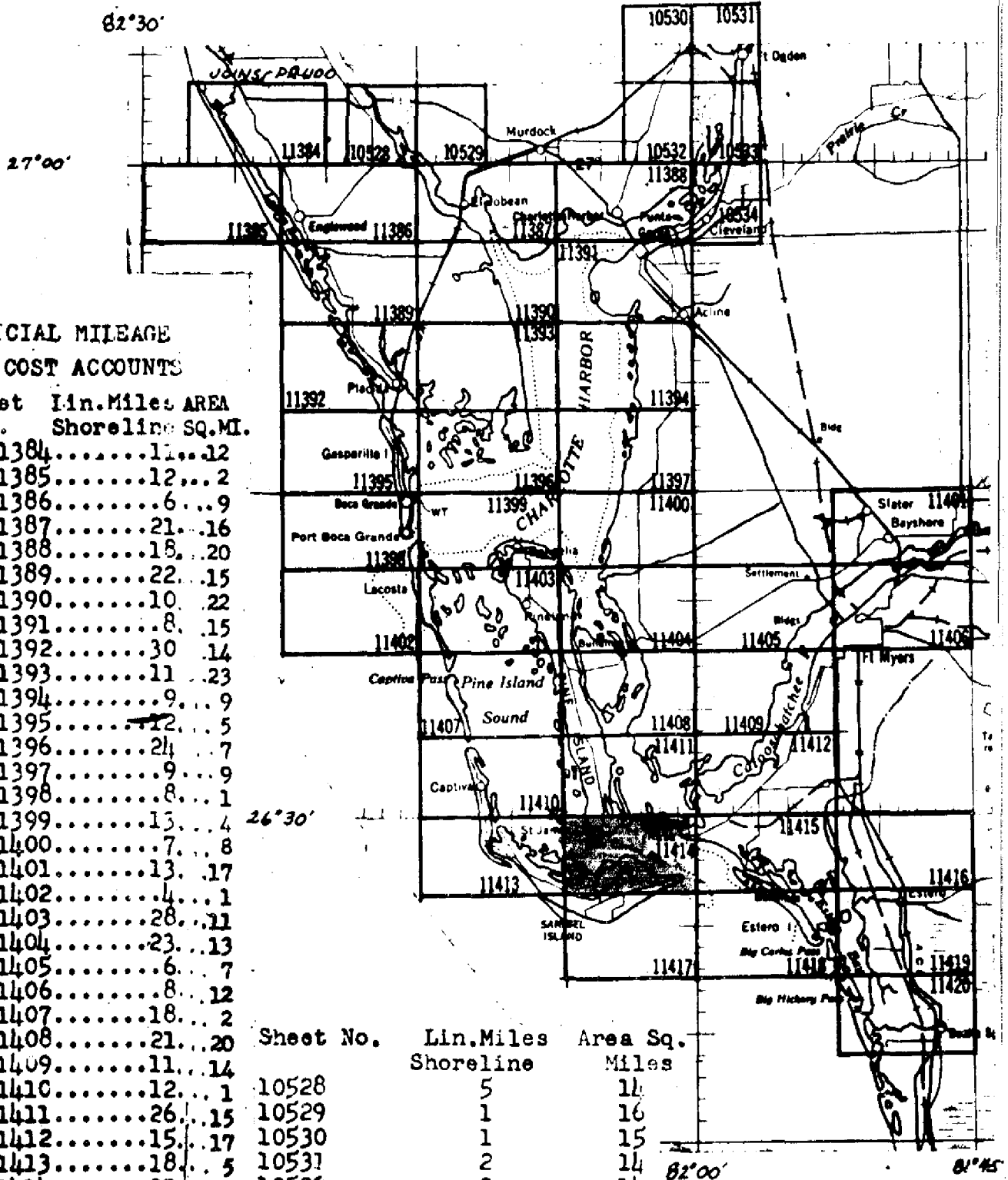
Charlotte Harbor, FLORIDA

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	21
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	16
10530	1	15
10531	2	14
10532	2	11
10533	6	12
10534	5	13
Totals	22	98
	540	393

Grand Totals 562 191



FIELD INSPECTION REPORT

submitted with T-11104

10.

COMPILATION REPORT
T-11411

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-11411

31. DELINEATION

The graphic method was used.

The field inspection was generally good and was done on the 1953 nine-lens photographs. The 1958 single-lens photographs had no field inspection, but were used to revise the shoreline and interior features.

32. CONTROL

See Photogrammetric Plot Report

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours inapplicable.

Drainage shown as field inspected or by photographic interpretation.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection in 1956 was adequate. Shoreline revisions were made from the 1958 photographs without benefit of field inspection.

All piers and other alongshore features have been shown. The low water shoal lines have generally been taken from the field inspector's notes.

36. OFFSHORE DETAILS

All offshore details, such as piling have been shown. (see Item 49 for wreck).

37. LANDMARKS AND AIDS

All fixed aids to navigation have been located and Form 567 submitted to the Washington Office 24 November 1958.

A landmark shown on Chart 473 at Punta Rasa as "BLDG WITH RED ROOF" has been recommended for deletion and Form 567 submitted.

38. CONTROL FOR FUTURE SURVEYS

Four (4) topographic stations have been established, including one monumented station for which Form 524 is being submitted.

Ninety (90) photo-hydro stations have been established. Both the topographic and photo-hydro stations have been listed under Item 49 with descriptions of the latter.

39. JUNCTIONS

Junctions have been made with the following:

T-11411 to the north, T-11413 to the west, T-11417 to the south and T-11415 to the east has not been compiled.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison had been made with USGS quadrangle "SANIBEL" scale 1:24,000 edition of 1958. The manuscript compares favorably with the quadrangle except for the vegetation cover on Sanibel Island.

Comparison has been made with planimetric maps T-5866, T-5867, and T-5868 scale 1:10,000 edition of 1943. The planimetric maps compare very favorably with the manuscript except for man made changes.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Chart 473 scale 1:40,000 revised 23 Feb. 1959 and Chart 1255 scale 1:80,000 revised 13 Apr. 1959. Comparison of map details is favorable. However it is noted that placement of the geographic name SAN CARLOS BAY appears in conflict between the two nautical charts. It seems that the name is misplaced on chart 1255, there it appears at the bay entrance rather than in the actual bay which is to the north.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

I. I. Saperstein
I. I. Saperstein
Cartographer

Approved and Forwarded:

Arthur L. Wardwell

Arthur L. Wardwell
Tampa District Office

48. GEOGRAPHIC NAME LIST

Geographic names were taken from the USSS quadrangle "SANIBEL", the charts and planimetric maps mentioned under Item 46 and 47. In several instances names of features differed between the quadrangle and the planimetric maps. In all instances the names on the charts checked those on the quadrangle and therefore the quadrangle names were used.

BODIFORD KEY
BIG ISLAND
BIG SISTER KEY

TARPON BAY
WOODRINGS POINT

CHINO ISLAND

YORK ISLAND

DIXIE BEACH

FISHERMAN KEY
FLORIDA

GREEN POINT
GULF OF MEXICO

HENLEY CANAL

KITCHELL KEY

LADYFINGER LAKE
LONG CUTOFF

MERWIN KEY
MONROE CANAL

PHILLIPS CANAL
PINE ISLAND
PINE ISLAND SOUND
POINT YBEL
PUNTA RASA
PUNTA RASA COVE

ST. JAMES CITY
ST. JAMES POINT
SAN CARLOS BAY
SANIBEL
SANIBEL BAYOU
SANIBEL COMMUNITY CHURCH
SANIBEL ISLAND
SANIBEL SAND FLATS
SANIBEL SCHOOL
SHALLOW MOUTH
SHORT CUTOFF
SISTER KEYS
SOUTHEAST BAR
SHALLOW CUTOFF

*Names checked & approved
A. J. Wright
3-25-65*

49. NOTES FOR THE HYDROGRAPHER

Following is a list of ~~Ninety~~ (90) photo-hydro stations with their descriptions; and four (4) topographic stations:

Note "A": Driven at the point is a 3 ft. 1x2" stake, the top portion is painted white and the words "US GOV'T" stenciled in black thereon. Nearby as a witness stake is driven a 1x1" 5 ft. stake with a small flag attached or the top portion painted white.

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

Note "C": Tied on or nearby, with galvanized wire, is a quart oil can.

1401 The most SW Australian pine in a small group at the W. edge of the end of a sand road that leads to the beach. It is 105 ft. N.W. of the MHWL and the stakes described in Note A are nailed to the tree about 7 ft. above ground. Photo 42885

1402 The center of a small Australian pine, 90 ft. N.W. of the MHWL about 200 ft. N.E. of the center of a small slough, the mouth of which is blocked with sand. Pine is nearest to the MHWL of any in the near area and is the most N.E. of a group that grow near the small slough. Stakes described in Note A are nailed to tree about 7 ft. above the ground. Photo 42936

1403 The center of the most westerly of a group of 3 Australian pines, 80 ft. N.W. of the MHWL. This pine is the most S.W. pine of a group before there is a break in the pines. Stakes described in Note A are nailed to the tree about 7 ft. above ground. Photo 42936

1404 The center of an Australian pine, 135 ft. N.W. of the MHWL. Pine is the sixth pine S.W. of a small creek, the mouth of which is blocked with sand. The short stake described in Note A is nailed to the tree about 6 ft. above ground. Photo 42936

1405 The center of a small Australian pine 100 ft. N.W. of the MHWL, 105 ft. S.W. of two small bushes that has a shell walk around them. There is a small palm at the S.W. side of the pine. Note A. Photo 42936

1406 The trunk of an Australian pine, 115 ft. N.W. of the MHWL at the S.W. corner of a cleared area, about 200 ft. N.E. of the south end of a row of large pines. The short stake described in Note A is nailed to the tree about 8 ft. above ground. Photo 42936

1407 The center of a small isolated Australian pine, 80 ft. N.W. of the MHWL and about 30 ft. S.E. of the road to the Light House. The short stake described in Note A is nailed to the tree about 5 ft. above ground. Photo 42936

1408 The west gable of a shed that is near the wooden end of a pier. The inside of the shed is painted white. Station is not marked. Photo 42935

1409 The N. or offshore end of the W. one of two concrete jetties that are on the sides of a small boat harbor. Station is not marked. Photo 42935

1410 The offshore end of a small new pier that leads offshore from near a green brick house with a white roof. Station not marked. Photo 42935

1411 The center of a buttonwood tree, 13 ft. S. of the MHWL about 80 ft. east of a seagrape bush and about 140 ft. east of an abandoned telephone pole. Note A. Photo 42935

1412 A sharp point of mangrove 15 ft. south of the MHWL at the east edge of a wide strip of palms that lead to the waters edge. Note A. Photo 42935

1413 The N.E. corner of an abandoned ferry wharf. The retaining wall is made of wood and it is filled with dirt. Station not Marked. Photo 42935

1414 The center line intersection of the pier with the inshore part of the T part of pier. This pier is in ruins. Station is not marked. Photo 42935
BAIL 1956, The N.E. gable of a store belonging to Bailey Bros. Gable is on part of building that overhangs and covers gasoline pumps. Not marked. Photo 42935

1415 A point of mangrove near the N.W. end of a large point of mangrove. This the second large point of mangrove N.W. of a pier ruins. Note A Photo 42886

1416 The peak of a hip roof house. The house is white and the roof is tin. Station not marked. Photo 42886

1417 A point of mangrove which is on the N.W. part of a mangrove bush that grows at the MHWL. There is a power pole just south of this bush at the edge of the road. Note A. Photo 42886

1418 A point of mangrove which is the N.E. part of a mangrove bush that grows a few feet beyond the MHWL. This bush is the most N.W. one of several isolated mangrove bush along the shoreline in this area. There are no more isolated bushes on the shoreline N.W. of this one for about 500 ft. Note A/ Photo 42886

1419 The N.E. corner of a small wooden T pier that leads offshore from a white house with a green roof. Station not marked. Photo 42886

1420 The N.E. corner of a small wooden T pier that leads offshore from between two small houses, one of which is covered with green shingles and has a green roof. Station not marked. Photo 42886

1421 The N.W. gable of a two story white house. The lower roof of this house is green while the upper roof, on which is the gables, is

weather beaten. Station not marked. Photo 42886

1422 The N.E. end of a mangrove tree that projects into the water about 25 ft. beyond the mangrove shoreline. Note A. Photo 42886

1423 The center of a small mangrove bush that grows near the N.E. end of an oyster bar. There is a larger mangrove bush on the same bar about 300 ft. S.W. of this one. Note A. Photo 42886

1424 Near the center of the widest part of the most S.W. oyster bed in Tarpon Bay. Point is on highest part of the oyster bed. Note A. Approximate position - Photo 42875

1425 A point of mangrove formed by an over hanging mangrove limb, about 900 ft. N.E. of where the shoreline starts to turn to the south. Note A & B. Photo 42875

1426 A point of mangrove that is the sharpest point in the near area. There is a wooden skiff in the edge of the mangrove about 50 ft. N.W. of the point. The skiff is awash at MHW. Note A. Photo 42875

1427 The N. end of the west finger pier. There is a hand railing on the west side of the pier. Station not marked. Photo 42875

1428 A point of mangrove just to the W. of a small recess in the shoreline of the large blunt point. Note A. Photo 42886

1429 The sharpest point of mangrove that grows about 200 ft. N.E. of where the shoreline turns to the S.W. into a small cove. Note A. Photo 42886

1430 A low over-hanging mangrove limb at the blunt point of mangrove. Note A. Photo 42886

1431 A point of mangrove which is the most over-hanging low mangrove limb about 40 ft. W.N.W. of the extreme south end of the blunt mangrove point. Note A. Photo 42886

1432 The center of the extreme end of the blunt point of mangrove which is the second point of any size W. of the E. end of the island. Note A. Photo 42886

1433 A point of mangrove at the extreme N.E. tip of the island. Point is the N.E. part of a bush that is almost detached from the island which makes the point used. Note A. Photo 42886

1434 The extreme N. end of the point of mangrove. This point is formed by the over-hanging limbs of the most northerly low mangrove tree on the point. Note A. Photo 42886

1435 A small point of mangrove formed by a bend in the shoreline. The point is near the W. part of the large point where the shoreline begins to turn to the south. Note A. Photo 42875

1436 The sharpest point of mangrove near the center of the blunt point of mangrove. Note A. Photo 42875

1437 A point of mangrove near the center of the blunt point. Just west of this point there is a small indentation and there are some larger mangrove trees at the south end of the indentation. Note A. Photo 42875

1438 The N.W. end of a small growth of grass that leads from a large growth to a much smaller one. Station marked by a 12 ft. mangrove pole driven 3 ft. into the sand and braced with 2 mangrove poles. The short stake described in Note A is nailed to the upright pole. Photo 42875

~~1438 A small point of mangrove formed by a bend in the shoreline. The point is near the W. part of the large point where the shoreline begins to turn to the S. Note A. Photo 42875~~

1439 The center of the extreme eastern point of mangrove. This is the sharpest point in the vicinity. Note A. Photo 42875

LUCK, 1956, located on N. side Sanibel Island about 1 mile N.W. of the most westerly opening into Tarpon Bay and about 0.3 mile S.W. of the mouth of a small creek at the center of an isolated mangrove bush that grows in a small cove of the shoreline. This is the only isolated bush in the area.

1440 A small point of mangrove that is near the N.W. side of the second point N.W. of the mouth of a small creek. Note A & B. Photo 42874

1441 A point of mangrove formed by a fallen mangrove limb in the water at the point where the shoreline makes a small bend. The short stake described in Note A is nailed to a part of this limb that is dead. Photo 42874

1442 The N.W. end of a small V shaped growth of grass on a sand spot. The grass is at the S.E. end of the spot of grass. Station is not marked with a 10 ft. mangrove pole driven 3 ft. into the sand and is braced with two mangrove poles. The short stake described in Note A is nailed to the upright mangrove pole. Photo 42874

1443 The N.E. part or corner of a small mangrove island. Note A. Photo 42874

1444 The N.E. corner of a spot of sand at the east end of the sand. Station marked by a 10 ft. mangrove pole driven 3 ft. into the sand and is braced with 2 mangrove poles. The short stake described in Note A is nailed to the upright pole. Photo 42874

1445 A sharp point of mangrove composed of low overhanging limbs near the S.E. end of Chino Island. Note A & C. Photo 42873

1446 A sharp point of mangrove at the extreme N. end of the small island. Note A & C. Photo 42873

1447 The most southerly point of mangrove on the island, composed of low over-hanging mangrove. Note A & C. Photo 42873

1448 The extreme S.W. end of the point of mangrove, composed of low overhanging limbs. Note A & C. Photo 42873

1449 The extreme W. end of the point of mangrove. Note A & C. Photo 42873

1450 The extreme S.W. end of the point, composed of low overhanging mangrove limbs. Note A & C. Photo 42873

1451 The extreme N.W. tip of the point, compose of low overhanging mangrove limbs. Note A & C. Photo 42873

1452 The center of a small isolated mangrove bush that is about 30 ft. S.W. of a sharp point of mangrove that is at the S. end of the most southerly mangrove island. Note A & C. Photo 42873

1453 The center of a small but tall mangrove bush that grows between the two most northerly mangrove islands. Note A & C. Photo 42873

1454 A point of mangrove formed by low overhanging limbs at the place where the shoreline makes a small turn to form a small indentation. Note A & C. Photo 42873

1455 A point of low overhanging mangrove limbs at the most westerly part of York island. The point is where the shoreline turns from S. to S.E. for about 40 ft. and then it turns S. again. Note A & C. Photo 42873

1456 A small corner of low hanging mangrove limbs at the east edge of a very small indentation. Note A & C. Photo 42873

1457 The S. edge of a large mangrove bush that grows just beyond the MHWL. There is an Australian pine about 50 ft. N.W. of this bush. Note A & C. Photo 42873

1458 A point or corner of mangrove at the S.W. end of a small indentation of the shoreline. Note A & C. Photo 42873

1459 The south end of a fallen mangrove tree. This is the stump end of the tree that lies in a small recess of the shoreline. Note A & C. Photo 42887

1460 The S.E. corner of a blunt point of mangrove of low overhanging limbs. These limbs are about 4 ft. above high water. Note A & C. Photo 42887

1461 The most N.W. overhead power transmission pole. The first pole S.E. of St. James in the water. Station not marked. Photo 42887

1462 A point of mangrove which is on the S.E. side of a mangrove bush that is about 3 meters S. of the mangrove shoreline. Note A & C. Photo 42887

1463 The S.W. corner of a point of mangrove that is at the S.W. corner of the prominent point of mangrove. Note A & C. Photo 42887

1464 A point of mangrove on the S.E. side of a small indentation in the mangrove shoreline. Point is low overhanging mangrove limbs and the sharpest point in near area. Note A & C. Photo 42887

1465 A corner of low mangrove where the shoreline turns from south to west. Note A & C Photo 42888

SOUTH END, 1884, Station recovered as described in 1943. The azimuth and distance to the two reference marks was not checked. A 4 inch square concrete witness post that projects 15 inches was set 2 ft. west of the station. Nearest shoreline to station is 12 ft. in distance.

1466 The N.E. corner of a blunt point of mangrove. Note A & C. Photo 42888

1467 The S.E. part of a point of low mangrove limbs that grow in a small recess of the mangrove shoreline. Note A & C. Photo 42933

1468 The center of a mangrove tree that is about 20 ft. high and grows at the waters edge. The short stake described in Note A is nailed to the tree about 7 ft. above water. Note C Photo 42933

1469 A sharp point of mangrove where the shoreline turns from E. to N.E. to enter a small cove in the shoreline. There is a small narrow indentation in the shoreline at the N. edge of the station that leads to the W. for a few feet. There is a dead mangrove snag in this small indentation. Note A & C. Photo 42933

1470 A sharp point of mangrove at S.E. part of the large point. The point is low hanging mangrove limbs. Note A & C. Photo 42933

1471 The N.E. end of a clump of mangrove that grows between the larger and smaller islands. The clump is formed by two mangrove bushes that are growing together. Note A & C. Photo 42933

1472 The W. end of a low row of mangrove. The W. end is about on the highest part of a small bank that leads offshore from the mangrove. Note A & C. Photo 42933

1473 The N.W. end of a sharp point of low hanging mangrove limbs. Point is about 80 ft. N.E. of a small opening in the mangrove shoreline. Note A & C. Photo 42933

1474 The most N.W. point of low hanging mangrove at the prominent point. There is another point about 20 ft. N.E. of this one. Note A & C. Photo 42933

1475 A point of mangrove about 3 meters beyond the MHWL at the N.E. end of a long narrow point of mangrove. Note A & C Photo 42933

1476 At the S.E. end of a small oyster bed at the place where the oysters are the thinnest, just before reaching the larger bed of oysters that lie almost E & W. Note A. Photo 42933

1477 The center of the S. end of an overhanging mangrove limb. Note A & C. Photo 42933

1478 The most southerly overhanging mangrove limb on the extreme S. end of the island. Note C. Photo 42939

1479 The center of a small mangrove bush that is near the S.W. part of a small mangrove island. Note A & C. Photo 42939

1480 The center of a small mangrove bush that grows on an oyster bed just S.W. of a small mangrove island. There is a slightly larger bush about 5 ft. south of this one. Note A & C. Photo 42939

1481 The W.N.W. gable of a one room shack on piling at the waters edge. Station not marked. Photo 42939

1482 A sharp point of mangrove at the most N.E. part of the larger point. This point of mangrove is formed by a large fallen mangrove tree. Note A & C. Photo 42939

1483 A sharp point of mangrove that is surrounded by a small oyster bed that leads offshore a short distance from the point. Note A & C. Photo 42939

1484 A sharp point of mangrove. The first sharp point south of the mangrove island. Note A & C. Photo 42939

1485 The offshore end of a single low overhanging mangrove limb. This limb overhangs about 5 meters. Note A & C. Photo 42939

1486 The S. gable of a fish house with a tin roof. Station is not marked. Photo 42939

1487 The S.W. end of an L shaped pier at the Punta Rasa Fish Camp. There is a Sinclair sign at that end of the pier. Station not marked. Photo 42939

1488 The S.W. corner of the offshore end of a wooden pier that leads offshore from near a white house with a red tile roof. Station not marked. Photo 42939

1489 The S.E. part of a seagrape bush that makes a sharp point. This is the first seagrape bush by the shore E. of Punta Rasa. Note A & C. Photo 42934

1490 The center of the top of two small palm trees that are growing together. These are the first two such palms E. of some rip rap along the highway. The short stake described in Note A. is nailed to one of the trees about 8 ft. above ground. Note C. Photo 42939

The following are recoverable topographic stations: LUCK, 1956 (d.m.), BAIL 1956 (NE gable of store), ROOF 1956 (S Gable of Fish House), TARP 1956 (N Gable large aband. house)

A wreck shown on the charts as being about 800 meters east of Pt. Ybel has not been located by the field inspector. This wreck should be located by the hydrographic party.

STRIKE OUT TWO

3 May

NON-CONTINUOUS OR LANDMARKS FOR CHARTS

I recommend that the following objects which have ~~(been inspected from seaward to determine their value as landmarks be inspected from seaward to determine their value as landmarks)~~ been inspected from seaward to determine their value as landmarks be inspected from seaward to determine their value as landmarks

The positions given have been checked after listing by W. H. Shearman

Arthur L. Gardwell

Chief of Party:

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids to navigation*, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

50.

PHOTOGRAMMETRIC OFFICE REVIEW

T- 11414

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 Tidal WHS
9. Plotting of sextant fixes IIS 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 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 WHS

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 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-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 L. Hann
Chief, Photogrammetric Branch

Chief, Nautical Chart Division

J. E. Keough 9/15/65
Chief, Photogrammetry Division

