

11420

ORIGINAL

Diag. Cht No. 1255.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey SHORELINEField No. Ph-1146 Office No. T-11420

LOCALITY

State FLORIDAGeneral locality ESTERO BAYLocality BIG HICKORY PASS1953-1961

CHIEF OF PARTY

V. Ralph Sobieralski, Tampa District Officer

LIBRARY & ARCHIVES

DATE _____

USCOMM-DC 5087

11420

DESCRIPTIVE REPORT - DATA RECORD

T - 11420

Project No. (II): PH-1146

Quadrangle Name (IV):

Field Office (II): North Fort Myers, Florida

Chief of Party: V. Ralph Sobieralski

Photogrammetric Office (III): Tampa, Florida

Officer-in-Charge: V. Ralph Sobieralski

Instructions dated (II) (III): 2 July 1954
Amendment 1, 9 November 1954
Supplement 1, 17 December 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): 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): WIGGINS, 1934

Lat.: $26^{\circ} 19' 49.713''$ (1529.9m.) Long.: $81^{\circ} 50' 43.953''$ (1218.9m.)

Adjusted
~~unadjusted~~

Plane Coordinates (IV):

State: Florida

Zone: West

Y = 725,805.27

X = 550,589.78

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

SHORELINE

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

Inapplicable

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): **George E. Varnadoe** Date: **May 1961**

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

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

Mean High Water Location (III) (State date and method of location): **Aor Air photo compilation**
Date of photos: **22 Nov. 1960**

Projection and Grids ruled by (IV): **A. R. (W.O.)** Date: **March 1955**

Projection and Grids checked by (IV): **A. R. (W.O.)** Date: **March 1955**

Control plotted by (III): **I. I. Saperstein** Date: **June 1959**

Control checked by (III): **R. J. Pate** Date: **June 1959**

Radial Plot ~~or Stereoscopic~~
Control extension by (III): **R. R. Wagner** Date: **July 1959**

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

Manuscript delineated by (III): **R. Dossett** Date: **June 1961**

of compilation
Photogrammetric Office Review by (III): **W. H. Shearouse** Date: **June 1961**

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

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): USC&GS NINE-LENS, WILS "S" & "W"

4

Number	Date	PHOTOGRAPHS (III) Time	Scale	Stage of Tide
43044 thru 43046 - 43050 thru 43052 -	2 Dec. 1953 "	1149 thru 1151 - 1156 thru 1158 -	1:10,000 - "	
58-S-1580 thru - 1585	21 Oct. 1958	1310 thru 1312	" (Ratio)	
60-W-4425 thru 4428 4446	22 Nov. 1960 " "	Camera clock stopped "	" (Ratio) " "	No time available for tide computation "

Tide (III)

Reference Station: No time available on 1960 photography, from
Subordinate Station: which shoreline was taken
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV):

Date:

Final Drafting by (IV): P. W. Leikhim (Tampa District Office)

Date:

Aug. 1961

Final drafting reviewed by: W. H. Shearouse (Tampa Dist. Office)

Aug. 1961

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): 17

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

Control Leveling - Miles (II): Inapplicable

Number of Triangulation Stations searched for (II): 9

Recovered: 7

Identified: 6

Number of BMs searched for (II): None

Recovered:

Identified:

Number of Recoverable Photo Stations established (III): 1

Number of Temporary Photo Hydro Stations established (III): 84

Remarks:

SHORELINE MAPPING PROJECT 27510 PH-146

Charlotte Harbor, FLORIDA

82°30'

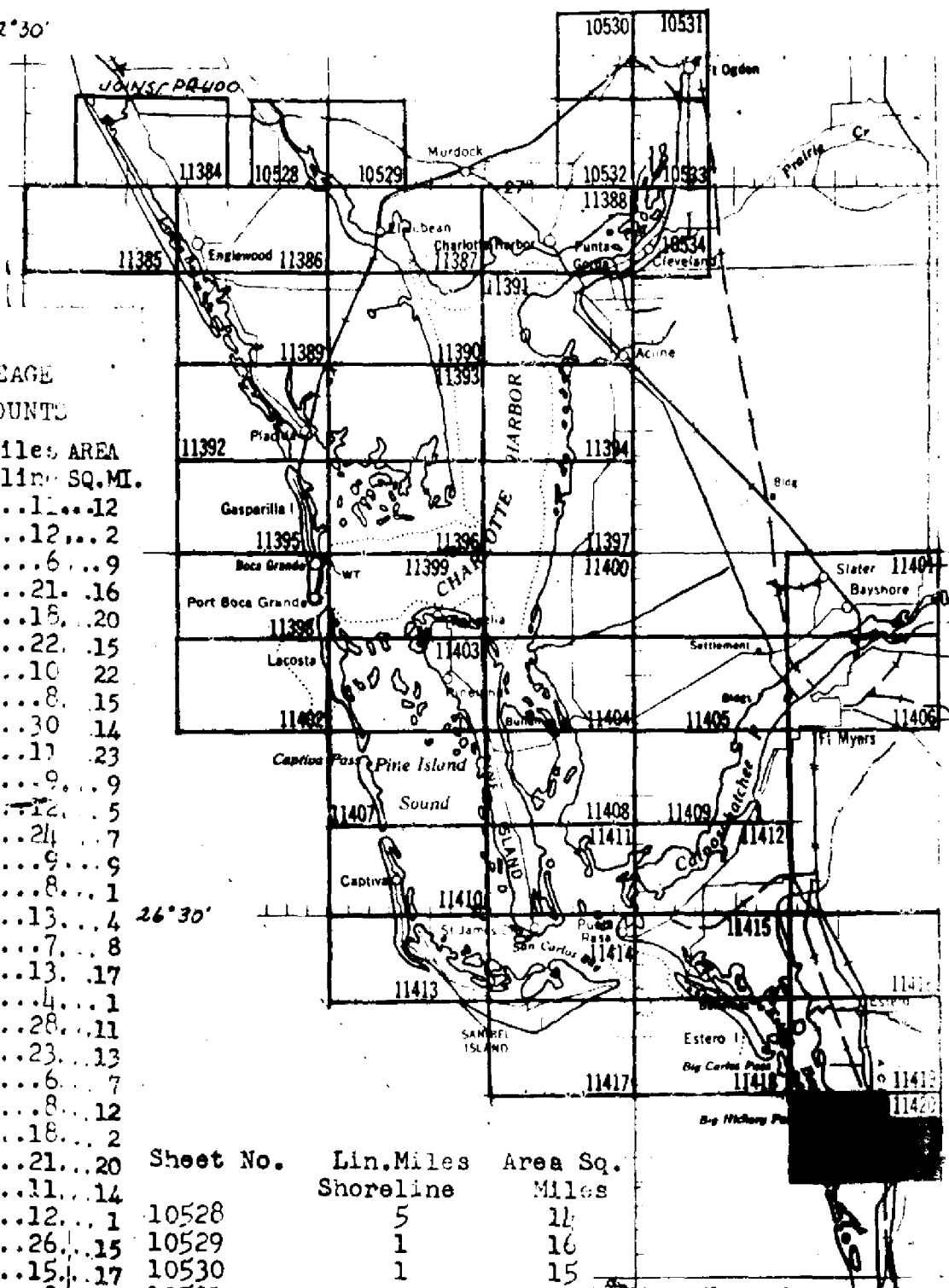
27°00'

OFFICIAL MILEAGE FOR COST ACCOUNTS

Sheet 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	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	14
10533	6	12
10534	5	13
Totals	22	98
	560	393
Grand Totals	562	491



FIELD INSPECTION REPORT
18
SUBMITTED WITH T-11120

SCALE FACTOR

1 FT. = 3048006 METER	COMPUTED BY: <i>R.P.W.</i>	DATE: <i>2 June 59</i>	CHECKED BY: <i>115</i>	DATE: <i>2 June '59</i>	COMM-DC-57843
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DATE 2 June '59 18

COMPILATION REPORT T-11420

PHOTOGRAMMETRIC PLOT REPORT

See report for T-11418.

31. DELINEATION

The graphic method was used. The 1960 single-lens photographs which were used for the field inspection were of good scale, but not clear. These photographs (60-W series) were used for all shoreline detail and inshore detail where coverage permitted. Considerable difficulty was encountered in picking common points with the 1958 single-lens and 1953 nine-lens photographs, which were used in the radial plot; however, it is believed that accuracy requirements have been obtained.

Field inspection was adequate.

32. CONTROL

See photogrammetric plot report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage has been delineated as shown photographically and according to field inspection notes.

35. SHORELINE AND ALONGSHORE DETAILS

All alongshore structures apparent on the photographs, and indicated by field inspection, have been delineated accordingly. The mean high-water line and low-water lines have been delineated as shown by the field inspector. Shoal lines and channels apparent and pronounced have been shown by photographic office interpretation.

The shoreline inspection was adequate.

36. OFFSHORE DETAILS

None, except as discussed under Item 37.

37. LANDMARKS AND AIDS

There are no landmarks.

Forty-nine (49) privately established channel markers located by sextant fix have been applied to the map manuscript. There is no information as to the maintenance of these aids and they have been shown only as "MARKERS".

38. CONTROL FOR FUTURE SURVEYS

One topographic station is being submitted on form 524. This and 84 photo-hydro stations are listed under item 49.

39. JUNCTIONS

A satisfactory junction has been secured with T-11419 on the north. There is no contemporary survey on the east, west or south.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with USGS quadrangle BONITA SPRINGS, FLA., scale 1:24,000, compiled from aerial photographs (in part) taken 1951-52; and planetable survey in 1958. No outstanding discrepancies were noted. Some new construction occurs in the vicinity of Hogue Channel at Bonita Beach, including slips and masonry seawalls.

11

Comparison was also made with C&GS compilation No. T-4389, compiled from photographs taken in 1927. Due to the lapse of time, this compilation is considered obsolete.

47. COMPARISON WITH NAUTICAL CHARTS


A comparison was made with C&GS Chart No. 1255, scale 1:80,000, 5th edition, revised to April 13, 1959. Due to the small scale of this chart, only the general shoreline is comparable. This compares favorably.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

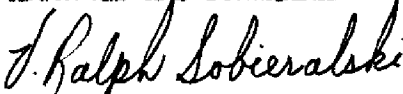
None.

ITEMS TO BE CARRIED FORWARD

None.


Rudolph Dossett
Carto Photo Aid

APPROVED AND FORWARDED



V. Ralph Sobieralski
Tampa District Officer

48. GEOGRAPHIC NAME LIST

Geographic names were taken from the U.S.G.S. BONITA SPRINGS, FLA. quadrangle.

ATLANTIC COAST LINE

BIG HICKORY ISLAND
BIG HICKORY PASS
BONITA BEACH
BONITA SPRINGS
BROADWAY CHANNEL

COLLIER COUNTY

ESTERO BAY

FISH TRAP BAY
FLORIDA

GULF OF MEXICO

HOQUE CHANNEL

IMPERIAL RIVER

LEE COUNTY
LITTLE HICKORY BAY
LITTLE HICKORY ISLAND

SPRING CREEK
STATE 865
TAMIAMI TRAIL
U S 41

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

49. NOTES FOR THE HYDROGRAPHER

The following is a list of topographic and photo-hydro stations:

Topographic Station TT 60 1961

Photo-hydro stations:

NOTE A - 1x2x4 stake painted white with U. S. GOVT stenciled in black driven into ground at station site.

NOTE B - White cloth strip tied at or near station site.

NOTE C - 1x2x8 stake with white flag driven into ground at station site.

2001 - An overhanging mangrove limb at north edge of a small cove and at south edge of point; another small cove begins at north edge of point about 20 feet distant. Trimmed limbs; large Note B. Photo 60-W-4446

2002 - An overhanging mangrove limb at tip of point - overhanging limbs about 15 feet north and south forms indentations. Cut limbs; Note B. Photo 60-W-4446.

2003 - An overhanging mangrove limb at the southwest end of a rounding mangrove island which is slightly detached from the shoreline. Large Note B; cut limbs. Photo 60-W-4427.

2004 - A low overhanging mangrove limb at northwest point. A smooth shoreline runs 250 feet south and a cove is just north. Trimmed limbs; Note B. Photo 60-W-4446.

2005 - The center of a small dead mangrove tree that is sanded 900 feet north of a mangrove island, 350 feet offshore and 900 feet south of a mangrove point. The root system is to the south. Large Note B. Photo 60-W-4427.

2006 - The limbs of dead mangrove that form the northwest point of a small mangrove island. The limbs are about 6 feet above water; a 20 foot mangrove is at opposite end of island. Cut limbs; Note B. Photo 60-W-4427.

2007 - An overhanging mangrove limb about the center of a half oval white sand and shell area. This limb although alive is a part of a dead mangrove inshore with spreading limbs. Trimmed limbs; Note B. Photo 60-W-4427.

- 2008 - An overhanging mangrove limb about 8 feet above water that is a part of a large mangrove inshore with the main portion of trunk broken off; a lower limb (in water) is just south. Cut limbs; Note B. Photo 60-W-4426.
- 2009 - The north tip of a narrow line of mangrove. Several detached, small mangrove are north. Trimmed limbs. Notes A and B. Photo 60-W-4426.
- 2010 - The northwesterly of three small mangrove in line which are detached from a row of mangrove on an oyster bar at east edge of channel. Cut limbs; Note B. Photo 60-W-4426.
- 2011 - A mangrove snag that is almost bare of foilage with two short dead limbs pointing offshore. This snag has a lx6 about 6 feet long lying in its top. Note B; Cut limbs. Photo 60-W-4426.
- 2012 - An overhanging mangrove limb which is the southwesterly of two limbs from a gnarled trunk that appears almost dead. The tree is at bottom of small cove. Cut limbs; note B. Photo 60-W-4426.
- 2013 - The center of an air conditioner which is atop the roof of the northeast wing of a large U-shaped house; near north end but not in center. Not marked. Photo 60-W-4426.
- 2014 - The east gable of a light pink house, on piles, with blue understructure. Not marked. Photo 60-W-4426.
- 2015 - The center of a small platform supported by 6 piling near center of mangrove island. Not marked - photo 60-W-4426.
- 2016 - A 5'x5' sign at HWL "WATCH YOUR WAKE" etc. Not marked - photo 60-W-4426.
- 2017 - An overhanging dead mangrove limb at the south edge of a rounding cove, that is partly in the water. Note A nailed to limb 6 feet above water; note B - Photo 60-W-4427.
- 2018 - An overhanging mangrove limb that forms a point between small coves; a larger and rounding point is 150 feet southwest. Main part of this tree is upright and forms a Y inshore and about 12 feet high. Cut limbs - note B - photo 60-W-4427.
- 2019 - Center of large bushy mangrove limb that is sanded on shoal about 100 feet off mangrove island. Notes A and B - photo 60-W-4427.

- 2020 - An overhanging mangrove limb at north edge of a shallow cove. A dead mangrove limb with oyster shells touches on north side. Several large, dead mangrove are in cove to south. Cut limbs - Note B - Photo 60-W-4427.
- 2021 - The southwest tip of a sharp point of mangrove on an oyster bar. Notes A and B - Photo 60-W-4427.
- 2022 - The center of a small white shell area on an oyster bar that is otherwise black, about 80 feet south of small mangrove island. Note C - Photo 60-W-4427.
- 2023 - The center of a lone 4-foot high mangrove bush on an oyster bar. Trimmed limbs - Note B - Photo 60-W-4426.
- 2024 - Center of twin 3-foot high mangrove bushes on south tip of small mangrove island. Notes B and C - Photo 60-W-4426.
- 2025 - The tip of a narrow, sharp mangrove point over an oyster bar. Trimmed limbs - Note B - Photo 60-W-4426.
- 2026 - The center of a round spoil which is the third of such spoils north of mouth of river; bares at MHW Note A - Photo 60-W-4426.
- 2027 - The center of top of an overhanging gnarled oak; only such tree in area. Note A nailed in place - Photo 60-W-4426.
- 2028 - A low mangrove at the tip of a very narrow peninsular of earth at the west edge of a dredged cove. Trimmed limbs - Note B - Photo 60-W-4426.
- 2029 - The west overhanging limb of a gnarled tree that grows at shoreline; directly opposite a dredged cut. The eastern limbs are bushy and rounding; this limb is separate. Cut limbs - Note B - Photo 60-W-4426.
- 2030 - The center of the top of an overhanging palm just east of a dredged cut and opposite a small yellow house with red trim. Not marked - Photo 60-W-4426.
- 2031 - The chimney atop a light green house with white roof just west of dredged cut. Not marked - Photo 60-W-4426.
- 2032 - The top of a lone 15-foot cabbage palm that is about 10 feet north of shoreline about 200 feet east of a large dead, black pine, about 100 feet east of a large lone pine and about 70 feet west of a dead tree in water with a small patch of marsh behind it. Not marked - Photo 60-W-4426.

- 2033 - The offshore end of a tree snag that lies almost horizontal about 8 feet off HWL, about 30 feet south of trees. On this snag is a sign "PLEASE 5 MPH etc".
- 2034 - The northwest corner of a tin boat house. Not marked - Photo 60-W-4426.
- 2035 - The northwest corner of a white stucco house with a large picture window and smaller Miami windows each side of it. A large TV antenna is just east of window; a smaller room is an addition to house just back of this corner; a small pier is opposite northeast corner. Not marked - photo 60-W-4426.
- 2036 - A patch of tall grass at edge of water about 100 feet southwest of end of trees, on a fill at a point where shoreline makes a definite point. Note C - Photo 60-W-4426.
- 2037 - The offshore end of a narrow pier at the mouth of a dredged cut. Not marked - Photo 60-W-4426.
- 2038 - A lone 5-foot high cabbage palm at waters edge between two stumps that are about 8 feet apart and about 70 feet west of twin pines that grow at waters edge. A Note A is nailed to stump 4 feet west of palm. Photo 60-W-4426.
- 2039 - A lone overhanging palm that is partly black from burning about 40 feet east of another overhanging palm whose trunk lies in the water. Note A nailed to trunk. Photo 60-W-4426.
- 2040 - The west end of a wooden narrow wharf that is about 30 feet long - at mouth of a dredged cut. An indentation in the shoreline is at this end. A wooden seawall in ruins begins about 50 feet west. Not marked - photo 60-W-4426 - 58-S-1583A.
- 2041 - A lone myrtle bush at edge of marsh and about 20 feet south of southeast end of small mangrove island. Limbs trimmed - Note B - Photo 58-S-1583A.
- 2042 - An overhanging mangrove limb at the east end of a marsh area. A fringe of low mangrove bushes extend about 20 feet west of signal. Limbs trimmed - Note B - Photo 58-S-1583A.
- 2043 - A small short stump at the west entrance to a narrow dredged cut. Note A nailed to stump - Photo 58-S-1583A.

- 2044 - A lone cabbage palm about 20 feet tall. This is the first palm east of dredged cut - 35 feet west of dredged cut - 15 feet south of river bank. Note B around trunk - Photo 58-S-1583A.
- 2045 - A lone 15-foot palm 2 feet from waters edge at southwest edge of a dredged cut, across cut west of small island with wooden retaining wall - a lower palm is about 20 feet north. Not marked - Photo 58-S-1583A.
- 2046 - A lone mangrove bush at the south central part of a patch of low mangrove on a sand bar. Limbs trimmed - Notes B and C - Photo 60-W-4427.
- 2047 - A high (12 feet) overhanging mangrove limb near the northeast part of a rounding island. This limb is actually the top of a tree. Cut limbs - Note B - Photo 60-W-4427.
- 2048 - An overhanging mangrove limb near east end of island and the first limb alive east of a large area of dead mangrove which also overhangs. Cut limbs - (2). Note B - Photo 60-W-4427.
- 2049 - An overhanging mangrove limb about 80 feet northwest of a rounding point at the southeast edge of small cove - a large area of dead mangrove is northwest and a dead mangrove tree is just southeast. Cut limbs - Note B - Photo 60-W-4427.
- 2050 - An overhanging mangrove limb on a small point of mangrove about 8 feet north of a large overhanging dead limb that lies in the water. Another point that is formed by a large partly dead mangrove is about 90 feet northwest. Cut limbs - Note B - Photo 60-W-4427.
- 2051 - An overhanging low mangrove limb at the southeast end of a rounding point and at the north end of a small cove. Cut limbs - Note B - Photo 60-W-4427.
- 2052 - The center of a circular oyster bar, north of a line of mangrove islands and bars; about 250 feet north of longest of these islands. A round 4-inch pole 5 feet above bar with a Note B and Note A driven alongside. Photo 60-W-4427.
- 2053 - A detached, low mangrove bush at the southeast point of mangrove on a sand flat. A dead mangrove top is sanded about 25 feet east of station. Note A and B. Photo 60-W-4427.

- 2054 - The northeast corner of a house (left by hurricane and sanded) about 150 feet south of mangrove shoreline. Not marked - Photo 60-W-4427.
- 2055 - A 6-foot mangrove bush about 15 feet northwest of the turn in shoreline at the southeast edge of a break in the line of mangrove, about 110 feet south of corner of concrete seawall. Notes A and B - Photo 60-W-4427.
- 2056 - A detached 5-foot pine at the north end of a line of small pines, 15 feet west of a 3-foot bluff and HWL. This is the first pine near water south of a large sand area. Cut limbs - Notes A and B - Photo 60-W-4427.
- 2057 - The northernmost pine on the island, about midway between Gulf and inlet, about 110 feet west of road (now being rebuilt). Pine is about 30 feet high; nearest pine is much larger and is about 120 feet south. Cut limbs 10 feet above ground. Notes A and B - Photo 60-W-4427.
- 2058 - A 50-foot tall australian pine 80 feet north of HWL of inlet. Two dead pines are south of this one. This is the only pine that is alive in area. Limbs cut to a height of 10 feet - Note A nailed to trunk - Note B - Photo 60-W-4428.
- 2059 - A detached palm at the HWL, 10 feet tall, appears dead. Three similar palms form a triangle just inshore; another lies on beach about 25 feet north. Notes A and B nailed to trunk - Photo 60-W-4428.
- 2060 - A 12-foot tall lone live australian pine about 125 feet north of a large open sand area that reaches from Gulf to Bay 50 feet east of MHWL. A group of pines is about 150 feet north - dead, small trees are just north. Note A nailed to trunk - Note B - Limbs trimmed - Photo 60-W-4428.
- 2061 - A small, lone, partly dead mangrove bush in a patch of low green weeds and small drift 90 feet east of HWL and 100 feet west of HWL of small slue. This is only mangrove in area and the northernmost growth of any kind. Note B and C - Photo 60-W-4428.
- 2062 - Offshore end of narrow concrete pier about 20 feet south of south end of large white building - northernmost pier in area. Not marked - Photo 60-W-4427.

- 2063 - The northeast corner of a two-story white house with green trim - only two-story house in area near the shore. Three small piers are directly in front. Not marked - Photo 60-W-4427.
- 2064 - The cupola atop a green house with red roof - only cupola in area. Not marked - Photo 60-W-4427.
- 2065 - The offshore end of a plank catwalk which extends from the low mangrove shoreline to a mound of rock. A small stool like seat is at its end. Not marked - Photo 60-W-4427.
- 2066 - The southeast gable of the northeasternmost white cottage with red roof. Not marked - Photo 60-W-4427.
- 2067 - A red-yellow and blue sign about 8-feet high, atop and in the center of the west end of an orange colored building. The building is northernmost on beach road, 320 feet east of HWL. Sign reads "GENILEE GRILL". Not marked - Photo 60-W-4427.
- 2068 - A dead, circular seagrape patch that is sanded on beach 70 feet east of HWL, opposite a two-story orange house. Small seagrape is growing beneath dead bush. Note A and B - Photo 60-W-4427.
- 2069 - The offshore gable of a lone white house on piles and with lattice work around piles 110 feet east of HWL. The house has 4 windows north of front door and 1 window south. An awning is over the 4 windows. Not marked - Photo 60-W-4427.
- 2070 - The offshore end of an oval shaped patch of seagrape about 50 feet southwest of a small cocoa colored house that has a large double TV antenna on its north end, 70 feet east of HWL. Directly east and almost adjoining is circular spot of low myrtle. Notes A and B - Photo 60-W-4427.
- 2071 - The offshore gable of a gray shingled house with red trim and a small porch on south side also painted red, 110 feet east of HWL. One small shingled house, also gray and with green trim, is just south between signal house and a large vacant lot with palms, seagrape etc. Not marked - Photo 60-W-4427.
- 2072 - The southwest corner of a light green, lone, shingled house on piling with lattice work around piling and with small porch on north side. A pink house and a white house also on piling are about 200 feet north. Not marked - Photo 60-W-4426.

- 2073 - A 25-foot australian pine at the north edge of the west end of an oblong wash (caused by hurricane) about 100 feet north of a large house, now under construction, with cement piling. Three smaller pines also on north side of wash are about 15-20 feet northeast. Note A nailed to trunk - Note B - Photo 60-W-4426.
- 2074 - A small, low water tank about 30 feet high atop a small square structure which is on piling about 50 feet south of a partly wrecked building, 150 feet east of HWL. Not marked - Photo 60-W-4426.
- 2075 - A 35-foot lone cocoanut palm about 50 feet northwest of the northwest corner of a blue concrete block house with white trim. Nearer and directly in front of the house are two smaller cocoanut palms and one small royal palm. (A house is under construction about 80 feet north). 75 feet east of HWL. Small white cloth strip tied around tree. Photo 60-W-4426.
- 2076 - The root of a fallen, dead, small australian pine 50 feet north of a wash through the trees, on the north side of which stands a 4-inch 15-foot tall live pine, 85 feet east of HWL. A 4-inch dead pine and an 8-inch snag which is only about one foot high are in edge of roots 3 feet north. Notes A and B - Photo 60-W-4425.
- 2077 - The southwest corner of a lone house. This is gray wooden house with a half round porch at center and is the only house in area. 160 feet east of HWL. Not marked - Photo 60-W-4425.
- 2078 - A 15-foot palm which is the center and much higher palm in a line of 5, about 30 feet west of a dirt track road, 205 feet east of HWL. Many palms are east of the road but few on west side. This is highest. Notes A and B nailed to trunk above blaze - Photo 60-W-4425.
- 2079 - A 30-foot tall australian pine which stands alone about 130 feet north of two like pines that are 18 feet apart, about 40 feet south southwest of two 15-foot pines that are 6 feet apart, about 80 feet west of the dirt track road and 130 feet east of HWL. Limbs cut to a height of 8 feet - Note B - Photo 60-W-4425.
- 2080 - A lone 25-foot australian pine about 180 feet west of the dirt track road, 100 feet west of HWL. The northernmost pine of a large group, about 60 feet north of nearest pine. The nearest pine to the north is about 700 feet. Limbs cut to a height of 10 feet - Note B - Photo 60-W-4425.

- 2081 - A lone, 50-foot australian pine about 90 feet west of a dirt track road, 95 feet east of the HWL, 15 feet west of a large circular seagrape patch. The nearest pine to the north is twin pines about 20 feet high and about 250 feet distant. The nearest pines to the south are about 1000 feet distant. Limbs cut to a height of 10 feet - Note A nailed to trunk - Note B - Photo 60-W-4425.
- 2082 - The center of an oyster bar that is in two parts, with a very small separation. A 1x8 board about 5 feet above HW was driven by fishermen. Notes A and B - Photo 60-W-4427.
- 2083 - A lone, low mangrove bush at HWL 4 feet off 3-foot shell bluff at lip of point. 10-foot overhanging mangrove is about 15 feet northeast - limbs trimmed - Note B - Photo 60-W-4426.
- 2084 - An overhanging mangrove limb at tip of point. Limb points directly toward a 4x4 channel marker which is the first marker after passing through narrows. Cut limbs - Note B - Photo 60-W-4426.

NOTE; Three 4x4 channel markers exist in the small bay at the mouth of Imperial River. They were located. Local information states more to be added. 5-11-61.

50

PHOTOGRAMMETRIC OFFICE REVIEW OF ADVANCE MANUSCRIPT

T. 11420

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 WHS 10. Photogrammetric plot report MMS 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 XX 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 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 William A. Pasare
Reviewer Supervisor, Review Section or Unit
William H. Shearouse for Milton M. Slavney

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. Hume
Chief, Photogrammetric Branch

Chief, Nautical Chart Division

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

