

# 11419

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-1146	Office No. T-11419
LOCALITY	
State	FLORIDA
General locality	ESTERO BAY
Locality	MOUND KEY
1953 - 1961	
CHIEF OF PARTY	
V. Ralph Sobieralski, Tampa District Office	
LIBRARY & ARCHIVES	
DATE	

USCOMM-DC 5087

# 11419

DESCRIPTIVE REPORT - DATA RECORD

1

T -11419

Project No. (II): Ph-1146

Quadrangle Name (IV):

Field Office (II): N.Ft. Myers, Fla.

Chief of Party: V.R.Sobieralski

Photogrammetric Office (III): Tampa, Florida

Officer-in-Charge: V. R.Sobieralski

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

Amendment 1, 9 November 1954

Supplement 1, 17 December 1954

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): AIR 1928

Lat.: 26°22'52.164" (1605.3 m)

Long.: 81°48'28.690" (795.3 m)

Adjusted  
~~Unadjusted~~

Plane Coordinates (IV):

State: FLORIDA

Zone: EAST

Y= 745,024.20 ✓

X= 235,474.34 ✓

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

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): Air photo compilation  
Date of photo's 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: " "

Control plotted by (III): I. I. Saperstein

Date: June 1959

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

Date: " "

Radial Plot ~~on Stereoscopic~~

Date: July 1959

~~Control extension~~ by (III): R. R. Wagner

Stereoscopic Instrument compilation (III):  
Planimetry  
Contours

Inapplicable

Date:

Date:

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

Date: June 1961

of compilation  
Photogrammetric Office Review by (III): I. I. Saperstein

Date: June 1961

Elevations on Manuscript

checked by (II) (III): Inapplicable

Date:

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): USC&GS 9-lens  
Single-lens 58S and 60W series

Number	Date	Time	Scale	Stage of Tide
58S1579A	21 Oct. 1958	13:10	1:10,000	Not used for shoreline details
60W1443	22 Nov. 1960	none available	"	* See Item 35
60W1444	" "	" "	"	" " "
60W1445	" "	" "	"	" " "
43053	2 Dec. 1958	11:58	"	Not used for shoreline details
43054	" "	11:59	"	" " "
43063	" "	12:10	"	" " "

Tide (III)

Reference Station: St. Marks River Entr.  
Subordinate Station: Punta Rasa, San Carlos Bay  
Subordinate Station:

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

Final Drafting  
~~Washington Office Review~~ by (IV): R. E. Smith (Tampa Dist. Off.)  
Final Drafting Reviewed by: W. H. Shearouse (T.D.O)

Date: July 1961  
August 1961

~~Final Drafting by (IV):~~  
~~Washington Office Review by:~~

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 12  
Shoreline (Measured in feet to opposite shore) (III): 18  
~~Shoreline (Measured in feet to opposite shore) (III):~~  
Control Leveling - Miles (II): Inapplicable  
Number of Triangulation Stations searched for (II): 5  
Number of BMs searched for (II): None  
Number of Recoverable Photo Stations established (III): None  
Number of Temporary Photo Hydro Stations established (III): 75

Recovered: 2  
Recovered:

Identified: 1  
Identified:

Remarks:

Charlotte Harbor, FLORIDA

82°30'

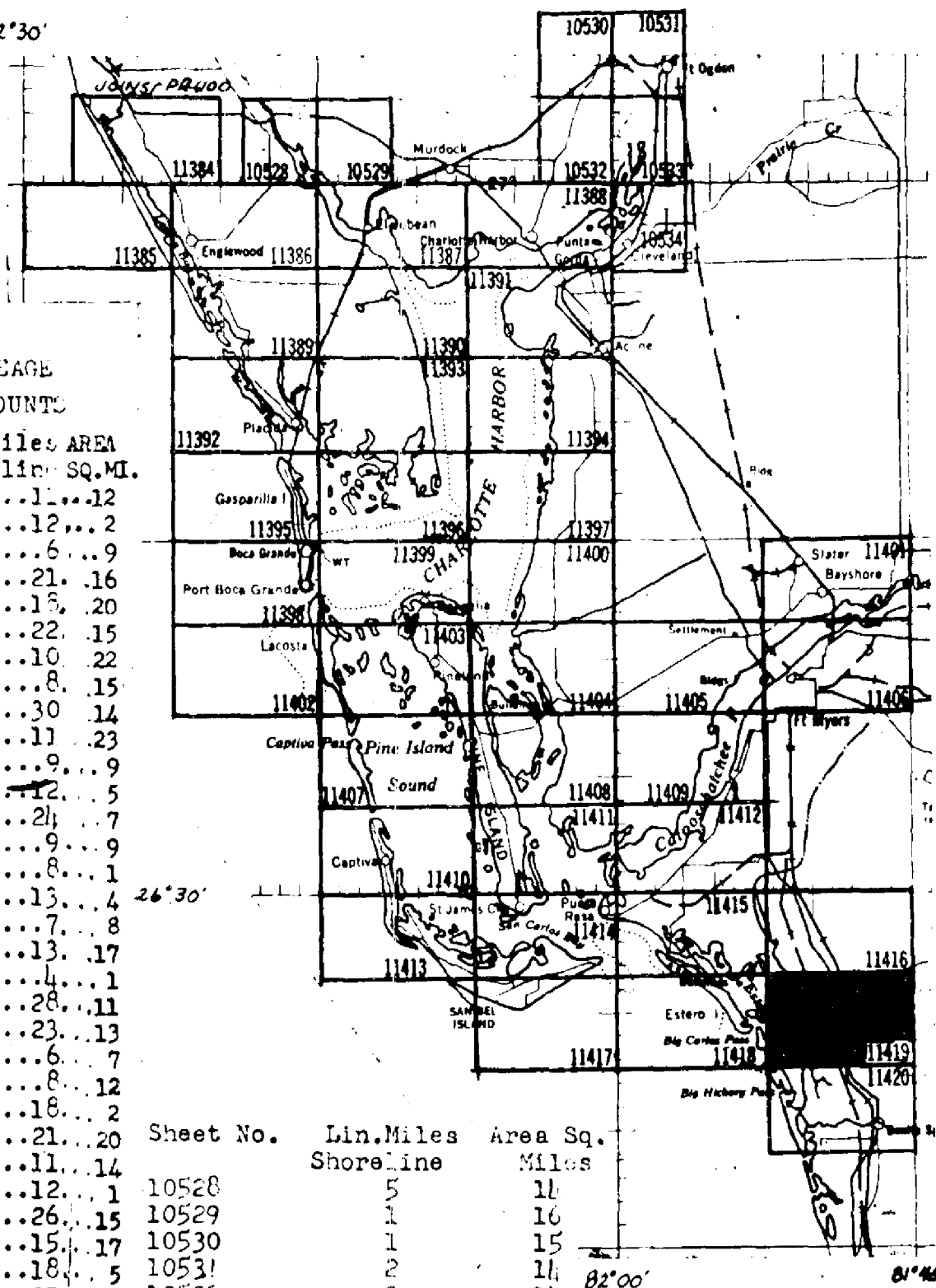
27°00'

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	16	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	11
10533	6	12
10534	5	13
Totals	22	98
	560	393

Grand Totals 562 1.91



FIELD INSPECTION REPORT  
SUBMITTED WITH T-11418

SCALE FACTOR

1 FT. = .3048006 METER	DATE 2 June 59	CHECKED BY 115	DATE 2 June '59	COMM-DC-57843
COMPUTED BY R. R. W.				



COMPILATION REPORT  
T-11419

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-11418

31. DELINEATION

The graphic method was used.

The 1960 single-lens photographs were of good scale and were used for all the delineation except east of the dismantled railroad, where the 1953 nine-lens photographs were used.

The field inspection was adequate and no difficulty was encountered in the interpretation of the photographs.

32. CONTROL

See photogrammetric plot report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours inapplicable.

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

35. SHORELINE AND ALONGSHORE DETAILS

All shoreline and alongshore structures have been delineated according to the field inspection. The mean highwater line and low-water lines were shown as indicated by the inspection. Apparent shoals and channels were shown as they appeared photographically.

No time was available for the 1960 single-lens photographs to compute the stage of the tide, however by observing the shadows on the photographs it appears that the photographs were flown in the morning. At this time of day, the predicted tide is a minus tide, according to the tide tables.

The shoreline inspection was adequate.

36. OFFSHORE DETAILS

None, except as discussed under Item 37.

37. LANDMARKS AND AIDS

No landmarks or federally maintained aids to navigation were located. Many private channel markers were located by sextant fix. Refer to paragraph 2 of Item 8 of the Field Inspection Report. It is not known if these aids are periodically maintained; hence they have been shown as "Markers".

38. CONTROL FOR FUTURE SURVEYS

No topographic stations were established. The 75 photo-hydro signals located are listed under Item 49 with a description for each.

39. JUNCTIONS

A satisfactory junction has been made with the following: T-11420 to the south, T-11418 to the west, T-11416 to the north. The junction with USGS ESTERO quadrangle 1:24,000 scale, edition of 1958, to the east, appears satisfactory.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with USGS quadrangle ESTERO, FLA. scale 1:24,000 dated (1951) 1958. This map compared favorably except for small differences noted due to the passage of time.

Comparison was made with C&GS planimetric map T-4389 compiled from photographs taken in 1927. The small amount of change after a careful comparison seemed remarkable, considering the lapse of time.

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47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with C. & G. S. Chart No 473, scale 1:40,000, 5th edition of 18 April 1930, revised to 23 Feb. 1959. A comparison also was made with No. 1255 scale 1:80,000. 5th edition of 29 March 1948, revised to April 13, 1959.


The maps listed under Item 46 are probably the source of topography for the charts and the same differences exist.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

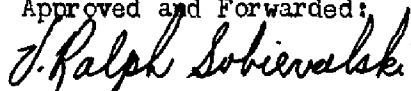
None.

ITEMS TO BE CARRIED FORWARD

None.

  
W. W. Dawsey  
Cartographer

Approved and Forwarded:

  
J. Ralph Sobieralski  
Tampa District Office

48. GEOGRAPHIC NAME LIST

Geographic names were taken from the USGS quadrangle ESTERO FLA. 1:24,000 scale, edition of 1958. Comparison with names on Chart 473 reveals a spelling discrepancy in the name COCONUT\* which is spelled COCOANUT on the chart.

ATLANTIC COAST LINE

BIG HICHORY-ISLAND  
BLACK KEY  
BLACK ISLAND

CHARLIE KEY  
COCONUT  
COUNCIL

DAVIS KEY

ESTERO  
ESTERO BAY  
ESTERO RIVER

FLORIDA

GOOMBS POINT  
GULF OF MEXICO

HALFWAY CREEK  
HORSESHOE KEYS  
KORESHAN UNITY CEMETERY

LITTLE DAVIS KEY  
LITTLE CARLOS PASS  
LONG KEY  
LOVERS KEY

MONKEY JOE KEY  
MOUND KEY

NEW PASS

SPRING CREEK  
STINGAREE KEY

TAMIAMI TRAIL

U. S. 41

\* "Coconut" is the  
correct official spelling.  
Correction made.

*Names checked & approved  
6-9-65  
A. J. Wright*

49. NOTES FOR THE HYDROGRAPHER

The following is a list of photo-hydro signals for use by the hydrographer.

Note A - 1x2x4 stake painted white with U.S. Govt stenciled in black driven in ground at station site.

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

Note C - 1x2x8 stake with white flag driven in ground at station site.

1602 - An overlapping mangrove limb on SE side of mangrove island about 10 ft. from SE end. Trimmed limbs. Note A & B Photo 60W 4442.

1901 - The center of a lone mangrove bush 5 ft. high on an oyster bar. There are many larger mangrove to S and scattered small mangrove N- Note A&B Photo 60W 4442

1902 - The E end of a lone mangrove clump about 20 ft. long on a small oyster bar - the northernmost clump in area. Cut limbs. Note A & B Photo 60W 4442

1903 - The center of the SE part of a clump of dead mangrove. This small tree is still upright while the one to NW is fallen. Limbs trimmed. Note B. Photo 60W 4443

1904 - The tip of a small overhanging mangrove limb on the N side and about midway around Mangrove Island. A large 6" overhanging limb with very few leaves is about 10 ft. W. Cut limbs. Large Note B. Photo 60W 4443

1905 - An overhanging mangrove limb near the E end of island. Large dead mangrove limbs are 15 to 40 ft. to west. Cut limbs. Large Note B 10 ft. above water\*Note A nailed to limb. Photo 60W 4443.

1906 - An overhanging mangrove limb near the NE end of island - cut limbs short Note A nailed to limb. Large Note B. Photo 60W 4443

1907 - The center of the top of a dead mangrove limb that lies in the water at the NE end of a rounding point - The large part of this tree is about 20 ft. NW and is also dead. Note C driven into ground. Photo 60W 4444

1908 - An overhanging mangrove limb about 8 ft. above water near the NW end of mangrove island. Cut limbs. Note B - Note C under limb. Photo 60W 4444

1909 - An overhanging mangrove limb about 10 ft. above water at E end of a rounding point. Cut limbs - Large Note B. Photo 60W 4444

1910 - An overhanging mangrove limb near SE end of mangrove island. The limb is partly dead and makes off near a large broken dead mangrove. Cut limbs. Notes B & C Photo 60W 4443

1911 - An overhanging mangrove limb that is easternmost limb on island, a dead mangrove limb is in the water about 20 ft. SW. The end of the point is about 80 ft. N. Cut limbs - Large Note B. Photo 60W 4443

1912 - An overhanging mangrove limb about 20 ft. from E. end of point and on E side of indentation. Cut limbs. Note B and 2x4x8 driven under limb. Photo 60W 4443

1913 - An overhanging mangrove limb at E end of island on a rounding point, A large dead mangrove is near where limb makes off from shore. Notes A & B. Photo 60W 4443

1914 - The northwesterly of three small lone mangrove bushes (about 4 ft. high) on an oyster bar and near the top of a curve in bar. Trimmed limbs. Notes A & B Photo 60W 4443

1915 - An overhanging mangrove limb over an oyster bar on its N. side. Storm torn and dead mangrove are just E. Cut limbs. Note A & B. Photo 60W 4443

1916 - The center of a detached mangrove bush on the SW side of a mangrove island and on an oyster bar. Cut limbs. Notes A & B Photo 60W 4443

1917 - The center of the offshore of three small, 3 ft. high mangrove bushes off the N end of point of mangrove on an oyster bar. Notes B & C Photo 60W 4443

1918 - An overhanging mangrove limb at NE end of mangrove point. Dead limbs are almost under this limb. Cut limbs. Note B Photo 60W 4443

1919 - An overhanging mangrove limb at a point of mangrove on E side of island. Another overhanging limb is about 20 ft. N. Cut limbs. Note B Photo 60W 4443

1920 - An overhanging mangrove limb on a point between two shallow coves - an indentation is just N of signal. Cut limbs. Note B Photo 60W 4443

1921 - An overhanging mangrove limb on SW side of island about 110 ft. SE of a more prominent point of mangrove and at the NW end of a cove. Cut limbs. Note B. Photo 60W 4443

1922 - The offshore mangrove bush of a small mangrove island that is about 300 ft. W of a dredged cut into Mound Key and just offshore from a small shell and sand beach. Cut limbs. Note B Photo 60W 4443

1923 - A large, low overhanging mangrove limb about 75 ft. SE of the mouth of ESTERO RIVER and at the NW end of a cove, a round white sign is at the mouth of river. Cut limbs. Note B. Photo 60W 4443

1924 - An overhanging mangrove limb at W end of point. Two dark patches of grass in water are just offshore on a sand flat. Cut limbs. Note B Photo 60W 4443

1925 - An overhanging mangrove limb at the SW point of mangrove and at the W end of a V shaped cove. Cut limbs. Note B - Photo 60W 4443

1926 - An overhanging mangrove limb at the NW point of island. A small cove is just E and at a point where shoreline straightens to the S. Cut limbs. Note B. Photo 60W 4443

1927 - The top of a dead mangrove tree that is aground, about 50 ft. off the E end of mangrove island. Notes B & C. Photo 60W 4443

1928 - A partly dead overhanging mangrove limb about 80 ft. SE of point of mangrove at the NW end of a small cove and on SE side of indentation. Cut limbs. Note B. Photo 60W 4444

1929 - The center of a long mangrove clump on an oyster bar. The clump is about 10 ft. high and about 20 ft. long. Note B. Cut limbs. Photo 60W 4444

1930 - The center of a small lone mangrove bush on an oyster bar. Cut limbs Big Note B. Photo 60W 4444

1931 - An overhanging mangrove limb at the south point of mangrove limb ~~at the south point of mangrove~~. This limb overhangs a small bight on N side of point. Cut limbs. Note B. Photo 60W 4444

1932 - The center of the top of a dead mangrove top that lies about 40 ft. off the mangrove shoreline about 250 ft. S of the mouth of a lagoon. Notes B & C Photo 60W 4444

1933 - The center of a small oval oyster bar - 1 short and 1 long. Note C. Photo 60W 4444

1934 - The center of the top of a dead mangrove that lies in the water at the offshore edge of a white sand area, about 60 ft. offshore from the mangrove shoreline. Notes B & C. Photo 60W 4444

1935 - An overhanging dead mangrove limb at S end of mangrove point a large dead mangrove limb is just east with a water separation. Cut limbs. Note A & B. Photo 60W 4444

1936 - The offshore end of the main trunk of a dead mangrove tree that forms a point about 600 ft. N of a large cove. Limbs cut. Notes A & B. Photo 60W 4445

1937 - The offshore end of a dead mangrove trunk (5" diam.) with smaller limbs on a rounding point. A large partly dead mangrove about 25 ft. inshore forms the point. Note A & B. Photo 60W 4445

1938 - The center of the offshore one of two mangrove that are detached from the shoreline - a large fallen dead mangrove is just inshore and a dead mangrove lies in the water off the next point N (about 100 ft.) Cut limbs - Note B. Photo 60W 4445

1939 - An overhanging mangrove limb about midway of a rounding point and at S edge of an indentation. Note A & B Cut limbs. Photo 60W 4445

1940 - An overhanging mangrove limb with the inshore part covered by storm debris. A large dead mangrove with top in the water is about 15 ft. west. Cut limbs. Note B. Photo 60W 4443

1941 - An overhanging mangrove limb near the SE end of a shallow cove with white sand bottom. Cut limbs. Note B Photo 60W 4443

1942 - An overhanging mangrove limb in the bottom of a small cove. The limb is a part of the top of a large mangrove tree that lies horizontal. Cut limbs. Note B. Photo 60W 4429

1943 - An overhanging mangrove limb near the S. end of a rounding point where the shoreline turns to SW. Cut limbs. Note B. Photo 60W 4429

1944 - A high (12 ft.) overhanging mangrove limb just inshore is a large broken and partly dead mangrove tree. A large clump of mangrove in the water is about 60 ft. NW. Cut limbs. Note B. Photo 60W 4429

1945 - A low overhanging mangrove limb about midway a rounding point of mangrove. Cut limbs. Note B. Photo 60W 4429

1946 - A small detached mangrove bush that grows just S of a much larger mangrove on an oyster bar. Cut limbs. Note B Photo 60W 4429

1947 - An overhanging mangrove limb at SE side of indentation and about 60 ft. NW of rounding point. Cut limbs. Note B. Photo 60W 4429

1948 - An overhanging mangrove limb that grows from a large gnarled trunk that lies horizontal at edge of shoreline. Note A nailed to limb 10 ft. inshore. Note B. Photo 60 W 4429



1949 - An overhanging mangrove limb at E edge of indentation about 80 ft. W of where the shoreline turns N. across the indentation (west) about 20 ft. is a large dead mangrove. Cut limbs. Note B. Photo 60W 4429

1950 - A low (in water at HW) mangrove limb at E edge of rather deep indentation, a large deadupright limb from same tree is about 20 ft. inshore. Notes B & C. Photo 60W 4429

1951 - The center of a mangrove clump on a narrow sand & shell beach strip and at the end of a row of mangrove. Note A & B. Photo 60W 4429

1952 - The southernmost pine on island, about 30 ft. high with smaller pines to N - trimmed to a height of 12 ft. Note B. 12 ft. above ground. Photo 60W 4429

1953 - The center of a dead mangrove top that is sanded about 50 ft. off shoreline and at S entrance to Spring Creek. Notes B & C. Photo 60W 4445

1954 - The offshore gable of a small white fish house, a small green dwelling is about 30 ft. NE. (Note to compiler: House was not built at time of photo - gable is directly over center pier as pricked) Not marked. Photo 60W 4445

1955 - An overhanging mangrove limb about 60 ft. N. of point and at the S edge of a small cove, a dead mangrove limb continues off-shore under this limb. Cut limbs. Note B. Photo 60W 4428

1956 - An overhanging mangrove limb on the SE side of small island. Limb points toward smaller island to SE. Limbs trimmed. Note B. Photo 60W 4428

1957 - An overhanging dead mangrove limb that lies in the water at NW point of island. The top of the limb is about 6 ft. off the mangrove roots. Note B & C Photo 60W 4428

1958 - An overhanging dead mangrove top about 4 ft. above HW. Another and larger top that lies in water is about 20 ft. W and a point of dead mangrove is about 80 ft. E. Note A nailed in place. Note B. Photo 60W 4428

1959 - The root of a mangrove tree that is sanded and lies in the water about 50 ft. E of island. Note B & C. Photo 60W 4428

1960 - An overhanging dead mangrove limb about 40 ft. E of point of mangrove, a small mangrove snag about 6 inches above HW is about 30 ft. off-shore. Cut limb. Note B. Photo 60W 4428

1961 - A dead mangrove snag about 60 ft. S of end of dead tree line and S edge of inlet about 65 ft. off HWL at the SW edge of a rounding point of dead snags and roots. Note A nailed to snag. Note B. Photo 60W 4428

1962 - A 35 ft. mangrove tree about 60 ft. S. of rounding point of mangrove roots and dead trees. This is the only mangrove near the point that is alive. The main trunk of tree has been broken off about 7 ft. above ground. Note A nailed to trunk horizontal. Note B. Photo 60W 4428

1963 - An overhanging mangrove limb about 100 ft. W of the rounding point of mangrove and at W edge of indentation that is formed by an overhanging mangrove. Many limbs cut. Note A nailed to limb. Note B. Photo 60W 4428

1964 - A dead overhanging mangrove tree with a smaller dead tree beneath on a rounding point about 140 ft. SE of a live overhanging mangrove limb. Note A nailed to 10 ft. above water - Note B. Photo 60W 4428

1965 - An overhanging dead mangrove limb that forms a point about 50 ft. inshore from a dead mangrove tree that is sanded. This tree forks to two large limbs at signal point. Note A nailed to trunk. Note B. Photo 60W 4428

1966 - A low overhanging mangrove limb at N edge of small cove, old cuttings of large limbs are 8 ft. inshore. Limbs trimmed. Note B. Photo 60W 4428

1967 - A low overhanging mangrove limb that points toward a sand bar that is awash at HW, a dead sanded limb is on this bar about 20 ft. from station. A small cove is on S side. Trimmed limbs. Note B. Photo 60W 4428

1968 - A mangrove snag with 6 tops sawed off about 300 ft. NNW of mangrove point at the mouth of a lagoon. Note C nailed to center top snag. Photo 60W 4428

1969 - A detached mangrove about 8 ft. high about 150 ft. S of NE rounding point. About 20 ft. SW is a dead mangrove snag 10" diameter 15 ft. tall. All limbs cut off. Note A nailed to trunk. Note B. Photo 60W 4428

1970 - The root system of an Australian pine that lies on a shoal about 225 ft. off a mangrove island SW. Note B. Photo 60W 4428

1971 - An overhanging mangrove limb about 10 ft. above HW about 400 ft. NE of S end of island at N edge of shallow cove, 30 ft. S of a dead mangrove with broken top in water. Cut limbs. Note B. Photo 60W 4428

1972 - The root of a tree that is sanded on a sand shoal. This is the center of 3 sanded trees about on line in an E-W direction, the eastern one is about 250 ft. The western one is about 280 ft. Note A & B Photo 60W 4428

1973 - Center of a tree top that is sanded about 300 ft. S of mangrove island and in about the center of small bay. Cut limbs. Note B. Photo 60W 4445

1974 - A tree snag 24 in. diameter, about 20 ft. tall at the edge of a berm. High water extends some 40 ft. across a sand flat inshore. This is largest snag in area and has one long limb making off about 4 ft. above the ground. Note A & B Nailed to trunk. Photo 60W 4428

50.

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PHOTOGRAMMETRIC OFFICE REVIEW OF ADVANCE MANUSCRIPT

T- 11419

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

5. 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) XX 7. Photo hydro stations WHS 8. Bench marks XX 9. Plotting of sextant fixes WHS 10. Photogrammetric plot report MMS 11. Detail points IIS

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 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 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. Rasur  
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 L. Lamm*  
Chief, Photogrammetric Branch

Chief, Nautical Chart Division

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

## NAUTICAL CHART DIVISION

### RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-11419

## INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

[illegible]