

11411

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-11411
LOCALITY	
State	FLORIDA
General locality	LEE COUNTY
Locality	PINE ISLAND
<u>1953-1958</u>	
CHIEF OF PARTY	
Arthur L. Wardwell, Tampa District Officer	
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)

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 - 11411

Project No. (II): PH-146 Quadrangle Name (IV):

Field Office (II): Matlacha, Florida

Chief of Party: H. C. Applequist

Photogrammetric Office (III): Tampa, Florida

Officer-in-Charge: Arthur L. Wardwell

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): **MAR 11 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): MEW

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): JEWFISH 2, 1955

Lat.: 26° 31' 43.719" (1345.5m.) Long.: 82° 01' 01.771" (49.0m.)

Adjusted
~~Unadjusted~~

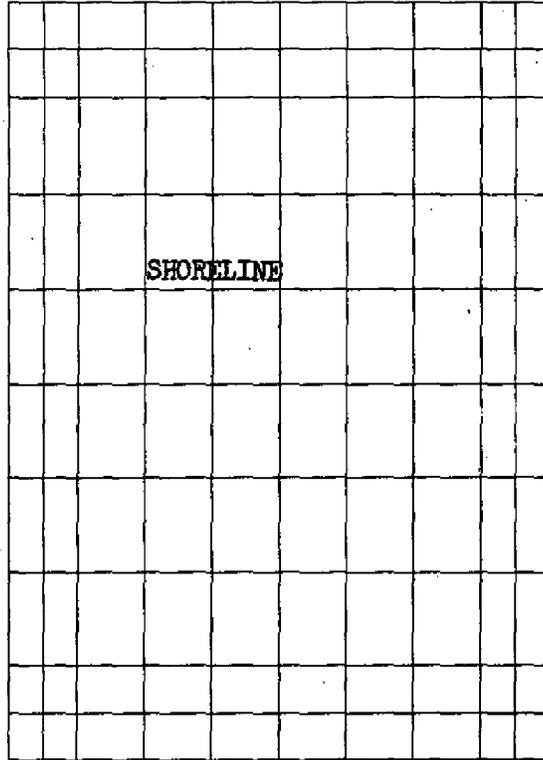
Plane Coordinates (IV): State: Zone:

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



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): **21 October 1958**
Air Photo Compilation

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

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

Control plotted by (III): **R. E. Smith** Date: **Jan. 1957**

Control checked by (III): **I. I. Saperstein** Date: **Jan. 1957**

Radial Plot or ~~Stereoscopic~~
Control extension by (III): **R. R. Wagner** Date: **Oct. 1958**

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

Manuscript delineated by (III): **R. E. Smith** Date: **Nov. 1959**

Photogrammetric Office Review by (III): **I. I. Saperstein** Date: **Nov. 1959**
W. H. Shearouse Date: **Jan. 1960**

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

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): **Nine-lens and Single-lens S.**

4.

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide
			Time		
42871 thru 42873	1 Dec. 1953	1320 thru 1321		1:10,000	+0.8
42873 thru 42890	"	1336 thru 1338		"	+0.8
42930 thru 42933	"	1407 thru 1409		"	+0.7
42939 thru 42941	"	1417 thru 1418		"	+0.7
58-S-1489-A thru 1493-A	21 Oct. 1958	1224 thru 1225		"	+0.7
58-S-1521-A thru 1524-A	"	1237 thru 1237		"	+0.7
58-S-1566-A	"	1306		"	+0.5
58-S-1567-A	"	1306		"	+0.5
58-S-1592-A thru 1595-A	"	1323 thru 1325		"	+0.5

Predicted Tide (III)

Reference Station: **ST. MARKS RIVER ENTRANCE**
 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

Washington Office Review by (IV):

Date:

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

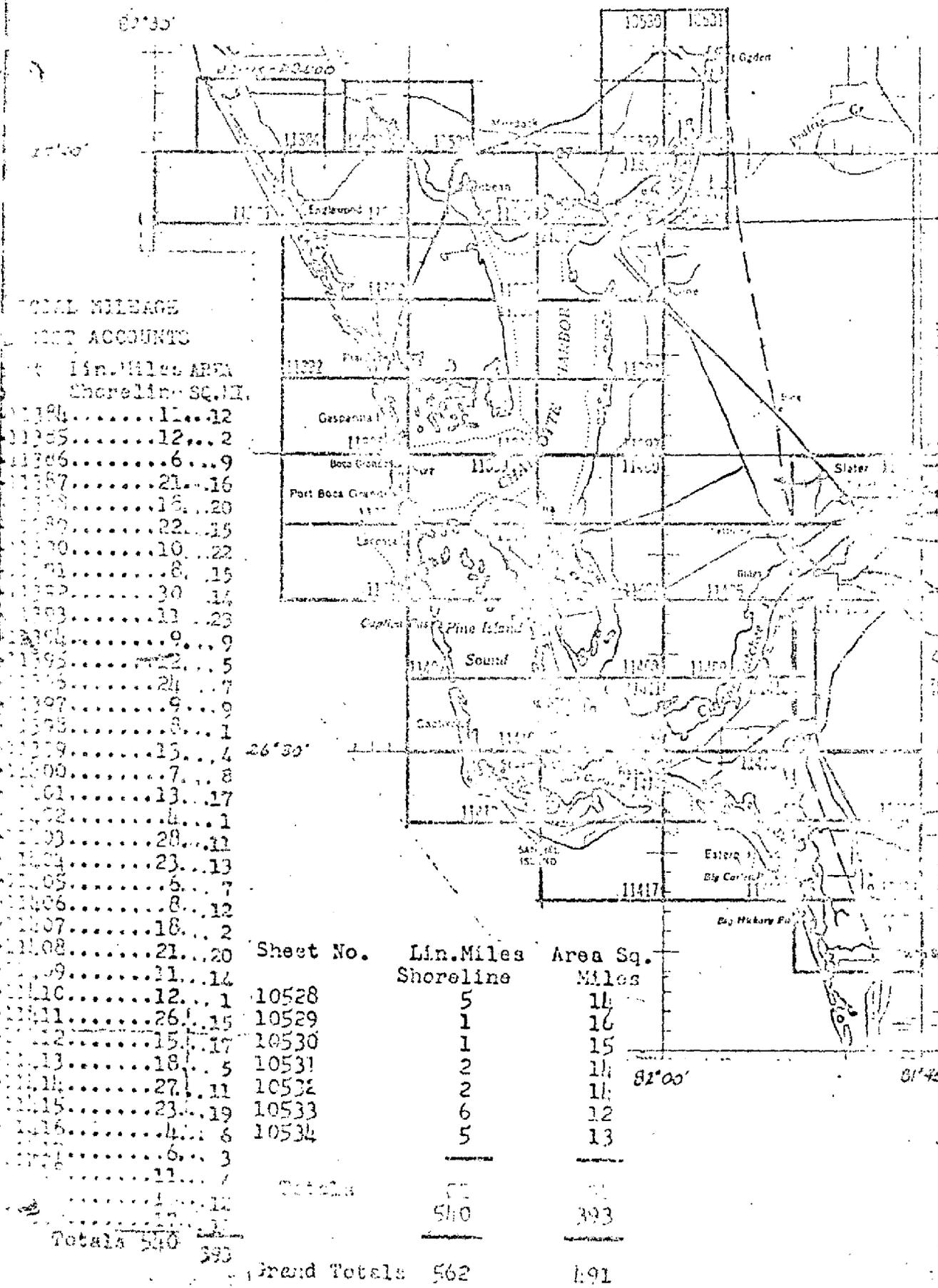
Land Area (Sq. Statute Miles) (III): **15**
 Shoreline (More than 200 meters to opposite shore) (III): **26**
~~Shoreline (less than 200 meters to opposite shore) (III):~~
 Control Leveling - Miles (II): **Inapplicable**
 Number of Triangulation Stations searched for (II): **15*** Recovered: **9** Identified: **3**
 Number of BMs searched for (II): **0** Recovered: **0** Identified: **0**
 Number of Recoverable Photo Stations established (III): **5****
 Number of Temporary Photo Hydro Stations established (III): **89**

Remarks:

***Including 3 range lights established in 1956**
****Includes 4 monumented and 1 non-monumented stations**

SHORELINE MAPPING PROJECT 1945-1948

Charlotte Harbor, FLORIDA



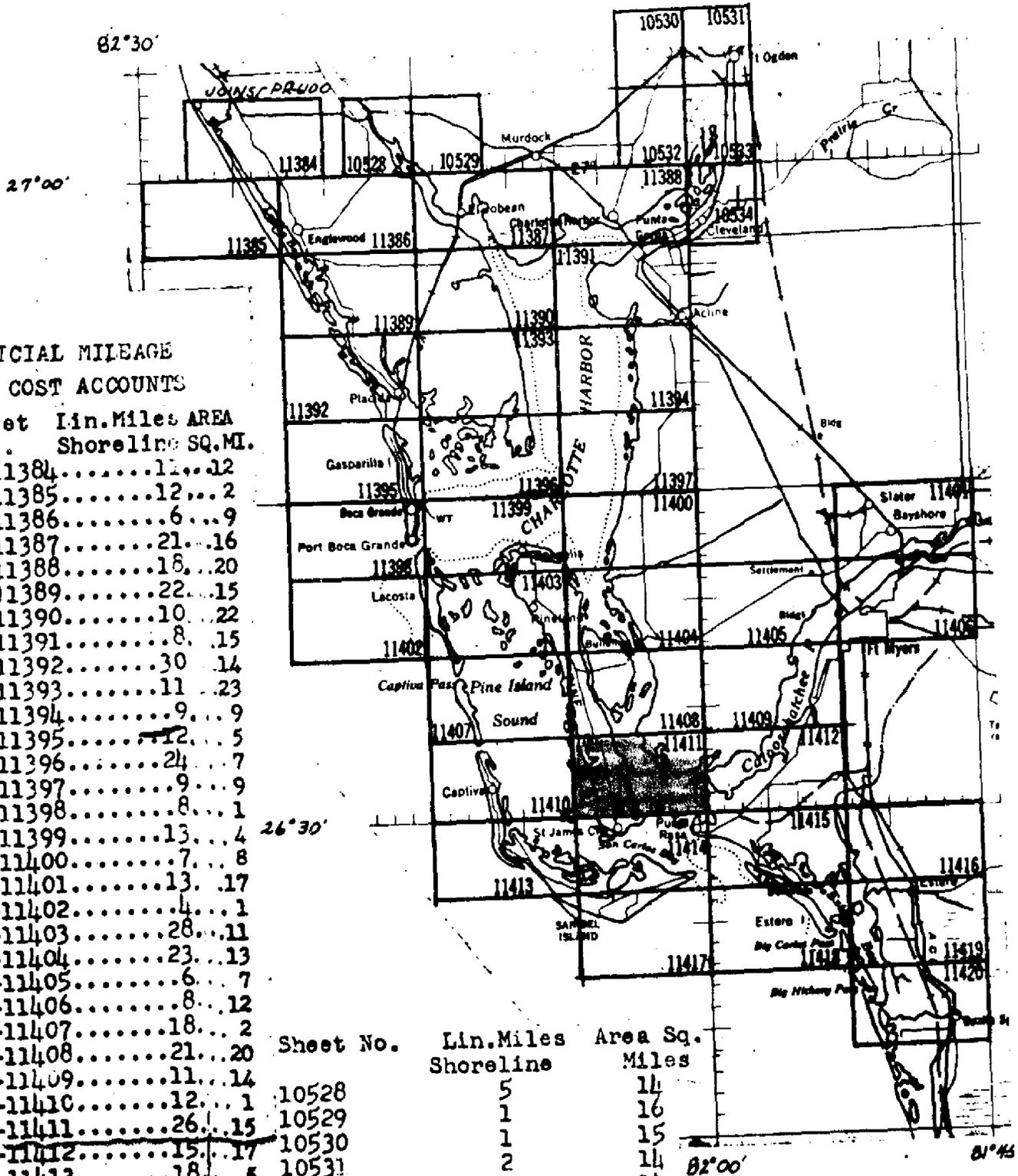
TOTAL MILEAGE
BY ACCOUNTS

Sheet No.	Lin. Miles	Area Sq. Mi.
10528	5	14
10529	1	16
10530	1	15
10531	2	14
10532	2	14
10533	6	12
10534	5	13
Totals	540	393
Grand Totals	562	491

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	540	393
Grand Totals	562	491

SHORELINE MAPPING PROJECT 27310 PH-146

Charlotte Harbor, FLORIDA



OFFICIAL MILEAGE FOR COST ACCOUNTS

Sheet Nos.	Lin. Miles	AREA 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	11
10533	6	12
10534	5	13
Totals	22	98
	540	393
Grand Totals	562	491

FIELD INSPECTION REPORT

SUBMITTED WITH T-11404

MAP T. 11.4.11

PROJECT NO. Ph-146

SCALE OF MAP

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ν -COORDINATE LONGITUDE OR x -COORDINATE		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
			LONGITUDE	ν -COORDINATE	FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
<u>GC-9 (USE, 1946)</u>	<u>Chart</u>	<u>N.A. 1927</u>	<u>26 31</u>	<u>58.39</u>				<u>1797.0</u>	<u>(49.5)</u>	<u>1797.0</u>	<u>8-13-56</u>
<u>USSS, 1952</u>	<u>Quar.</u>	<u>"</u>	<u>82 05</u>	<u>18.21</u>				<u>504.1</u>	<u>(1156.9)</u>	<u>504.1</u>	<u>11-11-56</u>
<u>TT 126 ERS</u>	<u>"</u>	<u>"</u>	<u>26 32</u>	<u>48.22</u>				<u>1484.0</u>	<u>(362.5)</u>	<u>1484.0</u>	<u>16 Jan 57</u>
<u>USSS, 1952</u>	<u>"</u>	<u>"</u>	<u>82 00</u>	<u>25.05</u>				<u>693.6</u>	<u>(967.4)</u>	<u>693.6</u>	<u>11-11-56</u>
<u>CALOSAHATCHEE RIVER CUT D RANGE FRONT LT. 7, 1956</u>	<u>Field Comp.</u>	<u>"</u>	<u>26 31</u>	<u>08.024</u>				<u>246.9</u>	<u>(1599.6)</u>	<u>246.9</u>	<u>17 Jan 57</u>
<u>CALOSAHATCHEE RIVER CUT F RANGE REAR LT. 7, 1956</u>	<u>"</u>	<u>"</u>	<u>82 00</u>	<u>48.521</u>				<u>1349.4</u>	<u>(317.8)</u>	<u>1349.4</u>	<u>11-11-56</u>
<u>CALOSAHATCHEE RIVER CUT F RANGE FRONT LT. 9, 1956</u>	<u>"</u>	<u>"</u>	<u>26 31</u>	<u>18.337</u>				<u>564.3</u>	<u>(1282.2)</u>	<u>564.3</u>	<u>17 Jan 57</u>
<u>CALOSAHATCHEE RIVER CUT F RANGE FRONT LT. 9, 1956</u>	<u>"</u>	<u>"</u>	<u>82 00</u>	<u>43.681</u>				<u>1209.4</u>	<u>(457.8)</u>	<u>1209.4</u>	<u>11-11-56</u>
<u>BAR 1928</u>	<u>G/B</u>	<u>"</u>	<u>26 31</u>	<u>01.31</u>				<u>687.1</u>	<u>(1159.4)</u>	<u>687.1</u>	<u>17 Jan 57</u>
<u>KITCHEN 1934</u>	<u>717</u>	<u>"</u>	<u>82 00</u>	<u>32.066</u>				<u>887.8</u>	<u>(773.4)</u>	<u>887.8</u>	<u>11-11-56</u>
<u>JEW FISH 2 1955</u>	<u>Photo</u>	<u>"</u>	<u>26 31</u>	<u>01.31</u>				<u>40.3</u>	<u>(1806.2)</u>	<u>40.3</u>	<u>22 Jan 57</u>
<u>RESERVE, 1927</u>	<u>USE</u>	<u>"</u>	<u>82 00</u>	<u>55.34</u>				<u>1532.3</u>	<u>(129.0)</u>	<u>1532.3</u>	<u>22 Jan 57</u>
<u>FORK, 1928</u>	<u>USE</u>	<u>"</u>	<u>26 30</u>	<u>06.444</u>				<u>198.3</u>	<u>(1648.2)</u>	<u>198.3</u>	<u>22 Jan 57</u>
<u>HAVE LOCKS 1958</u>	<u>G/B</u>	<u>"</u>	<u>82 00</u>	<u>59.667</u>				<u>1652.3</u>	<u>(9.2)</u>	<u>1652.3</u>	<u>22 Jan 57</u>
<u>Topo Station only</u>	<u>G/B</u>	<u>"</u>	<u>26 31</u>	<u>43.719</u>				<u>1345.5</u>	<u>(501.0)</u>	<u>1345.5</u>	<u>11-11-56</u>
<u>RESERVE, 1927</u>	<u>G/B</u>	<u>"</u>	<u>82 01</u>	<u>01.771</u>				<u>490</u>	<u>(1612.1)</u>	<u>490</u>	<u>11-11-56</u>
<u>FORK, 1928</u>	<u>G/B</u>	<u>"</u>	<u>26 30</u>	<u>51.211</u>				<u>1599.1</u>	<u>(267.4)</u>	<u>1599.1</u>	<u>29 Oct. 59</u>
<u>HAVE LOCKS 1958</u>	<u>G/B</u>	<u>"</u>	<u>82 03</u>	<u>17.044</u>				<u>471.9</u>	<u>(1182.4)</u>	<u>471.9</u>	<u>11-11-56</u>
<u>Topo Station only</u>	<u>G/B</u>	<u>"</u>	<u>26 31</u>	<u>16.70</u>				<u>513.9</u>	<u>(1332.6)</u>	<u>513.9</u>	<u>29 Oct. 59</u>
<u>Topo Station only</u>	<u>S.P.</u>	<u>"</u>	<u>82 00</u>	<u>92.92</u>				<u>911.5</u>	<u>(949.8)</u>	<u>911.5</u>	<u>11-11-56</u>
<u>Topo Station only</u>	<u>S.P.</u>	<u>"</u>	<u>26 30</u>	<u>05.720</u>				<u>165</u>	<u>(1682)</u>	<u>165</u>	<u>29 Oct. 57</u>
<u>Topo Station only</u>	<u>S.P.</u>	<u>"</u>	<u>82 06</u>	<u>10.078</u>				<u>281</u>	<u>(1380)</u>	<u>281</u>	<u>11-11-56</u>
<u>Topo Station only</u>	<u>S.P.</u>	<u>"</u>	<u>26 30</u>	<u>00</u>				<u>722.5</u>	<u>(1240)</u>	<u>722.5</u>	<u>16 Oct. 57</u>
<u>Topo Station only</u>	<u>S.P.</u>	<u>"</u>	<u>82 00</u>	<u>00</u>				<u>1605.9</u>	<u>(555.6)</u>	<u>1605.9</u>	<u>11-11-56</u>

MAP T. 11408 PROJECT NO. Pe-146 (ST) SCALE OF MAP 1:10000 SCALE FACTOR 1

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y -COORDINATE LONGITUDE OR x -COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
					FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
PINELAND, 1934	G.P.S. v Pe 140	N.A. v 1927	26' 35" 55.332'	82' 06' 49.105'				1702.9' (143.6')		PIRED. 21 June 55	
BNA C 7 (USE 1946) USGS 1952	456.5, Anchor	"	26' 36' 48.49"	82' 07' 05.77'				1358.6 (301.4)		" 21 June 55	
BNA C 8 (USE 1946) USGS 1952	"	"	26' 34' 37.49'	82' 06' 23.21'				1492.3 (354.2)		PIRED. 21 June 55	
TT 125 ERS, USGS 1952	USGS Caption Quand	"	26' 35' 05.17'	82' 00' 26.17'				159.1 (1687.4)		PIRED. 21 June 55	
								643.3 (1018.1)		" 21 June 55	
								159.1 (1687.4)		RUP 17 June 1957	
								724.2 (936.1)		" 21 June 55	

1 FT. = 3048006 METER
 COMPUTED BY: St. M. Shroy
 CHECKED BY: PE. SimSD
 DATE: 13 June 1957
 DATE: 13 June 1957
 M. 2388-12
 DATE: 13 June 1957

MAP T-11414 PROJECT NO. 11414

SCALE OF MAP

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR λ -COORDINATE		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
			FORWARD	(BACK)	FORWARD	(BACK)		FORWARD	(BACK)	
C-10, (USE 1946)	CAPRINA QUAD	N.A. 1927	26 29 30.17					928.5 (918.0)	P.A.P.E.S. 8-13-56	
USGS, 1952	USGS		82 04 33.89					938.5 (723.1)	WMS 11.11 "	
TT 122 ERS	"	"	26 26 37.68					1159.6 (686.9)	P.A.P.E.S. 8-13-56	
USGS, 1952	"	"	82 02 53.66					1486.6 (175.6)	WMS 11.11 "	
WOODRING, 1927	G.P.		24 28 06.904					102.5 (1634.0)	P.A.P.E.S. 8-13-56	
	P.312	"	82 03 32.741					906.9 (755.1)	WMS 11.11 "	
SANIBEL ISLAND G.P.		"	26 27 09.220					283.7 (1522.8)	P.A.P.E.S. 8-13-56	
LIGHT 1955	983	"	82 00 51.987					1440.2 (222.0)	WMS 11.11 "	
PINE ISLAND	983	"	26 28 48.52					1493.2 (353.3)	P.A.P.E.S. 8-13-56	
SOUND LIGHT NOS	983	"	82 03 38.43					1064.4 (597.4)	WMS 11.11 "	
TT 121 ERS	SANIBEL QUAD	"	26 26 19.33					594.9 (1251.6)	P.A.P.E.S. 8-13-56	
U.S.G.S., 1952	USG.S.	"	82 05 00.60					161.6 (145.8)	WMS 11.11 "	
	USE.	"	26 29 03.189					98.1 (1748.4)	P.A.P.E.S. 8-11-56	
JANES, USE 1938	ROOSTER	"	82 06 15.401					426.5 (1235.2)	WMS 11.11 "	
SAN CARLOS BAY ENTRANCE RANGE FRONT	Field	"	26 28 57.430					1767.4 (79.1)	H.R.P.	
LT., 1956	COMP.	"	82 00 59.423					1645.2 (16.5)	1 RBN	
SAN CARLOS BAY ENTRANCE RANGE REAR	"	"	26 29 21.944					675.3 (1171.2)	"	
LT., 1956	"	"	82 01 24.580					680.7 (981.0)	"	
CABLE (Punta)	G.P.	"	26 29 08.66					266.5 (1580.0)	P.A.P.E.S. 10/20/58	
Nasir, Western Union Cable Sta. (W.T.) 1927	316	"	82 00 40.57					1123.6 (538.1)	R.P.D.	
	G.P.	"	26 29 47.745					1469.4 (377.1)	RD	
	315	"	82 03 25.910					712.5 (944.1)	RES J.C.	
SOUTH END 1884	USE	"	26 29 26.1799					805.7 (1040.8)	"	
ISLE USE 1958	PHOTO	"	82 03 23.1456					641.0 (1020.6)	"	

PHOTOGRAMMETRIC PLOT REPORT

21. AREA COVERED

Photogrammetric Plot #3 of Ph-1146 covers from Captiva Pass south to San Carlos Bay and the southern half of Pine Island Sound and Matlacha Pass.

The registry numbers of the maps are as follows:

T-11404 T-11407 T-11408 T-11410 T-11411
T-11413 T-11414 T-11417

The sketch on page 45 of this report shows the arrangement of the manuscripts, the positions of photographs and the identified control.

22. METHOD

Radial Plot

Map Manuscripts: -- The map manuscripts are 3'45" in latitude and 7'30" in longitude at a scale of 1:10,000 on vinylite with the exception of T-11413. This manuscript was extended south in the southeast corner to permit delineation of an area originally assigned to T-11417. There wasn't sufficient material on T-11417 to permit this delineation.

The plot was run on joined manuscripts.

Photographs: -- The plot was run with nine-lens photographs flown on 1 December 1953.

Ratio prints of single-lens photographs flown 21 October 1958 were furnished but not used in the plot. Points common to the nine-lens were pricked and the photographs were fixed on the manuscripts to assist in the hydrographic support.

Templets: -- Vinylite templets were made from the 1953 master templet and were used to correct paper distortion and transforming errors.

Closure and adjustment to control: -- The plot was developed conventionally and with some slight adjustment all the control was held.

23. ADEQUACY OF CONTROL

The control was adequate for the plot.

24. SUPPLEMENTAL DATA

None.

25. PHOTOGRAPHY

The photographic coverage was adequate. Contrast and definition were good.

None of the photographs were sufficiently tilted to justify computation.

26. GENERAL

Date of completion by manuscripts"

T-11404	17 October 1958
T-11407	27 August 1956
T-11408	21 October 1958
T-11410	4 September 1956
T-11411	23 October 1958
T-11413	7 September 1956
T-11414	24 October 1958
T-11417	27 October 1958

Respectfully submitted

Robert H. Wagner
 Robert H. Wagner
 Cartographer (Photo)

APPROVED & FORWARDED

Arthur L. Wardwell
 Arthur L. Wardwell
 Tampa District Officer

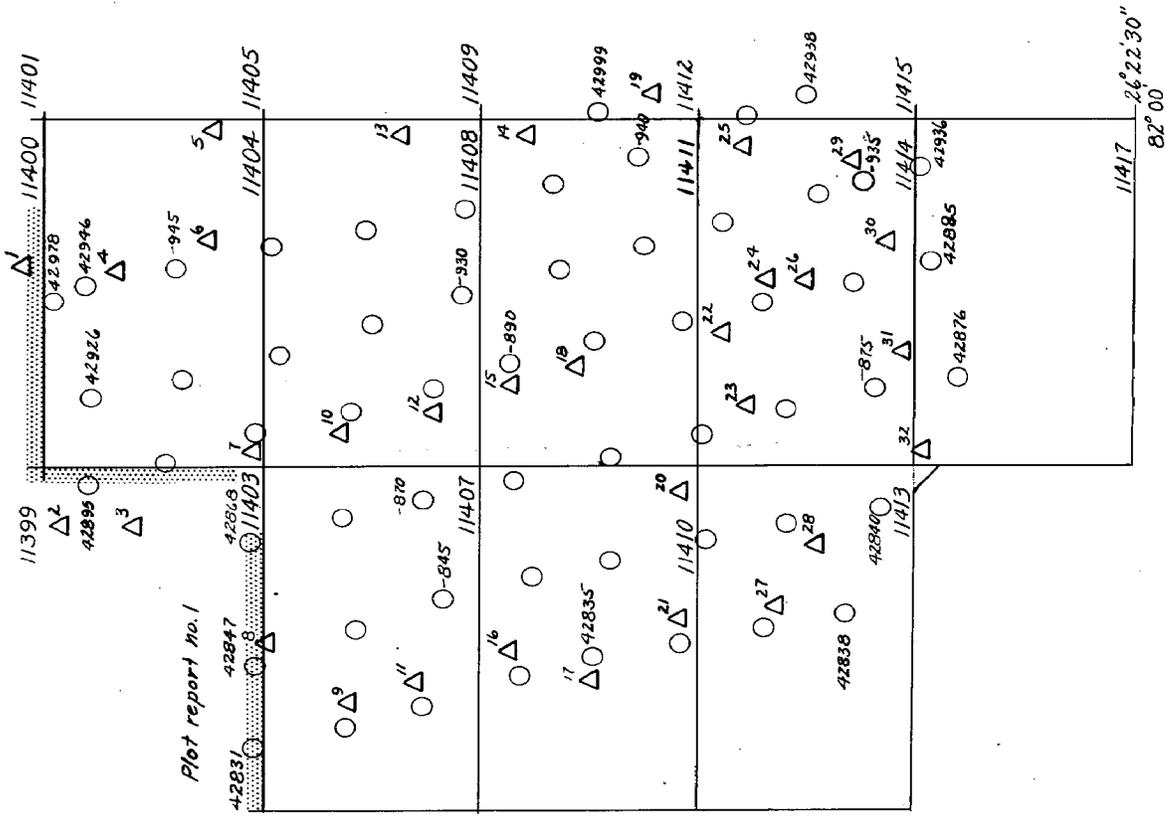
PHOTOGAMMETRIC PLOT REPORT NO. 3 OF PH-116

○ NINE-LENS PHOTOGRAPHS

△ CONTROL STATIONS

INDEX OF CONTROL

- 1. SUB. PT. TT-111 ERS USGS 1952
- 2. SUB. PT. TT-82 JFS USGS 1952
- 3. PINE I. GRAHAM WILSON ESTATE WHITE TANK 1934
- 4. SUB. PT. TT-110 ERS USGS 1952
- 5. PINE I. LOOKOUT TOWER 1955
- 6. SUB. PT. TT-109 ERS USGS 1952
- 7. SUB. PT. C-7 ERS USGS 1952
- 8. FISH HOUSE 1955
- 9. SUB. PT. RIDGE 1934
- 10. SUB. PT. PINELAND 1934
- 11. SUB. PT. MELLIE 1860
- 12. SUB. PT. C-8 ERS USGS 1952
- 13. SUB. PT. NO. 1 TT-125 ERS USGS 1952
- 14. SUB. PT. TT-126 ERS USGS 1952
- 15. SUB. PT. 636 C-8 ERS USGS 1952
- 16. SUB. PT. TT-83 JFS USGS 1952
- 17. SUB. PT. MUNSON 1934
- 18. SUB. PT. C-9 ERS USGS 1952
- 19. SUB. PT. TOM 1927
- 20. SUB. PT. CHINO USE 1938
- 21. SUB. PT. TT-117 ERS USGS 1952
- 22. SUB. PT. C-10 USGS 1952
- 23. SUB. PT. NO. 2 JAMES USE 1938
- 24. PINE I. SOUND LT. 5 1955
- 25. CABLE 1927
- 26. SUB. PT. WOODRING 1927
- 27. SUB. PT. TT-118 ERS USGS 1952
- 28. SUB. PT. TT-119 ERS USGS 1952
- 29. SANIBEL I. LIGHTHOUSE CENTER 1909
- 30. SUB. PT. TT-122 ERS USGS 1952
- 31. SUB. PT. TT-121 ERS USGS 1952
- 32. SUB. PT. GLASS 1955



26° 22' 30"
82° 00'

COMPILATION REPORT T-1111131. DELINEATION

The graphic method was used.

The field inspection, done on the nine-lens photographs flown in December 1953, was good. Shoreline and interior revision was done from the single-lens photographs flown in October 1958, without field inspection.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage has been shown according to the field inspection and office interpretation.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline was delineated according to field inspection on the 1953 photography. It was later revised from 1958 photography without benefit of field inspection. All piers and along-shore features have been shown.

The low-water line, usually around oyster bars, has been delineated from office interpretation. Shoal lines have been shown from field inspection notes. The shoreline inspection was satisfactory.

36. OFFSHORE DETAILS

No statement.

37. LANDMARKS AND AIDS

There are no landmarks. Form 567 for non-floating aids was submitted to the Washington Office 29 November 1958. However Caloosahatchee River Daybeacons 3 and 5 have been replaced by lights. Form 567 is being submitted for these new aids.

38. CONTROL FOR FUTURE SURVEYS

Six ~~None~~ recoverable topographic stations were established, four ~~three~~ marked and ~~two~~ unmarked, and form 524's have been submitted for each of the marked stations. All are listed under Item 49.

Eighty-nine (89) photo-hydro stations were established and listed, with descriptions for each under Item 49.

39. JUNCTIONS

Junctions have been made with T-11408 to the north; T-11414 to the south; T-11410 to the west; and T-11412 to the east.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with C&GS sheets T-5864, T-5867, T-5868 and T-5869, scale 1:10,000 compiled from aerial photographs taken in November 1942 and supplemented by other surveys to April 1943. These compare fairly well with the exception of the new canals and roads in the southwestern part of the sheet.

Comparison was also made with Geological Survey quadrangle PINE ISLAND CENTER, FLA., scale 1:24,000 edition of 1958. The two are in good agreement.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with C&GS chart No. 473, scale 1:40,000 dated 18 Apr. 1930, revised to 23 Feb. 1959 and with C&GS Chart No. 1255, scale 1:80,000 dated 28 Mar. 1948 and Revised to 13 Apr. 1959. They are in good agreement.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None,

R. E. Smith
R. E. Smith
Carto-Photo Aid

Approved and Forwarded
Arthur L. Wardwell
Arthur L. Wardwell

48. GEOGRAPHIC NAME LIST

Geographic names were taken from the Nautical Charts supplemented by the Geological Survey Quadrangle and the T-sheets. Where there were conflicts between the quadrangle and T-sheets, the G.S. Quadrangle name was used as this was a more recent survey.

BIG ISLAND
BIG SHELL ISLAND
BIRD ISLAND

CALOCSAHATCHEE RIVER
CHINO ISLAND
CLAM KEY
CLOVER BIGHT

DAWSON CANAL

EAGLE NEST

FLORIDA

GALT ISLAND
GIVNEY KEY

HAVELOCK KEY
HELL GATE
HENLEY CANAL

JEWFISH CREEK

KINZIE COVE
KITCHEL KEY

LONG CUTOFF

MACKEEVER KEYS
MANATEE BAY
MASON ISLAND
MASTERS LANDING
MATLACHA PASS
MERWIN KEY
MIQUEL KEY
MONROE CANAL

OYSTER CREEK

PINE ISLAND
PINE ISLAND SOUND
PUNTA BLANCA BAY
PUNTA BLANCA CREEK
PUNTA RASA COVE

OK a.f.w.

RAG ISLAND
RECKEMS POINT
RECLA ISLAND
ROCK HOLE
ROCKY CREEK

SAN CARLOS BAY
SECOND MOUTH
SHELL CREEK
STARVATION KEY
ST JAMES CITY
ST JAMES CREEK
SWORD POINT

UNDERHILL CREEK

WHITE ROCK SHOAL

Shown as:
* PUNTA BLANCA BAYS
on planimetric maps
T-5867 and T-5869,
compiled in 1943.

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

49. NOTES TO THE HYDROGRAPHER

Photo-hydro stations are listed below:

NOTE A: Driven at the point is a 1" x 2" stake, 3 feet long. The top portion of this stake on one side is painted white and has U. S. Gov't stenciled in black thereon. Also nearby is a 1" x 1" rich pine stake 5 feet long that has a small white flag attached or the top portion painted white.

NOTE B: Tied on or nearby is a 2 foot long white cloth streamer.

NOTE C: Tied on or nearby, with galvanized wire, is an empty quart oil can.

(Due to the sheet line being plotted in error on the photo, the photo-hydro numbers for this sheet will begin with 1103 and there will be no 1101 or 1102)

1103 A sharp point of mangrove with a small indentation in the shoreline just south of it and a larger indentation north of it. There is a lone mangrove bush in the water about 40 feet west of the point. There is a small amount of grass in water by the point. Note A & B, photo 42871

1104 The center of a mangrove bush that is about 50 feet west of the mangrove shoreline. This bush is the south one of 3 bushes in a row, all of which are about the same distance apart. Note A & B, photo 42871

1105 The end mangrove bush on the southeast end of a small island that lies just west of the main mangrove shoreline. Note A&B, photo 42871

1106 A point of mangrove at the southwest corner of the larger point. The limbs of the mangrove have been trimmed. Note A&B, photo 42871

1107 The west end of a small pier that leads offshore between two mangrove trees. There is a fisherman's shack inshore from this pier. Station is not marked. Photo 42871

1108 An overhanging mangrove limb that is about 10 feet above the water. This limb is at the northwest corner of a broad point of mangrove that has an indentation on its north and south side. Note A & B, photo 42871.

- 1109 The northwest end of a mangrove bush that is barely separated from the shoreline. There is a broad blunt point of mangrove just southeast of the station. Note A & B, photo 42871.
- 1110 The center of a small isolated mangrove bush that grows near the southeast end of an indentation in the shoreline. Bush is about 2 meters from the shoreline and is the only bush of any size in the indentation. Note A & B, photo 42871.
- 1111 The most westerly part of a point of mangrove that grows in a small indentation of the shoreline. Note A & B, photo 42871.
- 1112 The most northwesterly point of mangrove on the island. There is a small indentation in the shoreline just south of the point. Note A&B, photo 42871.
- 1113 The center of a small mangrove bush that is just southeast of a large mangrove bush in an indentation of the shoreline. Note A&B, photo 42871.
- 1114 An overhanging mangrove limb at a point where the shoreline turns to the east 3 or 4 meters to form an indentation in the shoreline just north of the station. Note A&B, photo 42871.
- 1115 A point of low mangrove that is separated from the shoreline. This point is about 4-5 feet above water. Note A&B, photo 42871.
- 1116 A blunt point of mangrove at the very southeast corner of the island. Note A&B, photo 42871.
- 1117 The center of a blunt point of mangrove about 80 feet north of a small pass through the mangrove island. Note A&B, 42871.
- 1118 A point of mangrove approximately 100 feet north of a 90 degree bend in the shoreline at the north side of a small indentation in the shoreline. Note A&B, photo 42871.
- 1119 A point of mangrove that is about 100 feet south of where the shoreline turns from southwest to south. It is the sharpest point in the area and is at the south end of a small indentation of the shoreline. Note A, photo 42871.

- 1120 The center of the extreme southwest end of the island. Note A, photo 42872.
- 1121 A point of mangrove which is the southwest end of the mangrove where the shoreline turns as it leaves the indentation. Note A, photo 42872.
- 1122 A corner of mangrove formed by the shoreline leaving a small indentation that leads to the north and turning to the southeast. Note A, photo 42872.
- 1123 The corner of a small bend or offset in the shoreline. This is the first sharp bend north-northwest of the southwest point of the island. Note A, photo 42872.
- 1124 The center of a white spot of sand that is covered about 1 foot at low water. Spot is about 3 meters south of the mangrove shoreline. Note A&B, photo 42872.
- 1125 A sharp point of mangrove which is the most southerly of 3 small points of mangrove that are about 50 feet apart. Note A&B, photo 42872.
- 1126 A mangrove pole driven 5 feet into the sand and braced with another mangrove pole. Station is about 70 feet north-northwest of the most northerly tip of the island. The short stake described in Note A is nailed to the upright pole. Approx. pos. photo 42872
- 1126A A point of mangrove. The most overhanging mangrove limbs on the point. Note A&C, photo 42872.
- 1127 A sharp point of mangrove composed of low overhanging mangrove limbs. This is the sharpest point in the near area. Note A&C, photo 42872.
- 1128 A point of low overhanging mangrove limbs. The first point south of the most westerly point on the island. Note A&C, photo 42872.
- 1129 The extreme west end of a point of low mangrove. This is the second point north of a shoe shaped point. Note A&C, photo 42872.
- 1130 The center of a small mangrove bush that grows on an oyster bed about 35 feet west of the mangrove island. Note A&C, photo 42873.

- 1131 The most northwesterly point of low mangrove on the point. Note A&C, photo 42873.
- 1132 A point of mangrove at the northeast corner of the island. There is a very small indentation at the southwest edge of this point. Note A&C, photo 42873.
- 1133 A corner of mangrove that is the most westerly part of the island where the shoreline turns from north to east-northeast. Note A&C, photo 42873.
- 1134 A sharp point of mangrove on the west side of the island, near the north end. There is a small indentation in the shoreline to the east of the point. Note A&C, photo 42873.
- 1135 A sharp point of mangrove on the east side of the island near its south end. There is a small indentation to the south just west of the point. Note A&C, photo 42873.
- 1136 A point of mangrove at the east edge of an indentation into the shoreline, the indentation being about 2 meters wide at its mouth and about 4 meters deep. At the west end of the indentation there are numerous dead roots and snags. Note A&C, photo 42873.
- 1137 A point of low mangrove on the southeast side of the island near its southwest end. The point is blunt and is mangrove about 5 feet in height. Note A&C, photo 42873.
- 1138 The south edge of a mangrove bush that grows in a small indentation of the shoreline just east of the southern tip of the island. Note A&C, photo 42872.
- 1139 The end of an overhanging mangrove limb that is about 7 feet above high water at the south side of a small indentation in the shoreline. Note A&B, photo 42872.
- 1140 A point of low mangrove, the first point along the west side of the island from the southwest corner of the island. There is a small bend in the shoreline at this point. Note A&C, photo 42872.
- 1141 The northeast gable of a small green roofed house that is at the inshore end of a pier. Station not marked. Photo 42873.

- 1142 A point of mangrove on the west part of the prominent point of mangrove where the shoreline makes its sharpest turn to the south. Note A&C, photo 42933.
- 1143 The center of a small mangrove bush that grows on an oyster bed about 25 feet northeast of a large mangrove bush. Note A&C, photo 42939.
- 1144 A sharp point of low hanging mangrove limb. This is the sharpest point and projects the most of any in the near area. Note A&C, photo 42940.
- 1145 A bend on the east side of a small oyster bed that is marked with a 3-inch pole that projects 4 feet above low water. Note A, photo 42940.
- 1146 The center of the extreme southwest end of the point of mangrove. This point is low mangrove about 3-4 feet above mean high water. Note A&C, photo 42940.
- 1147 The bushy top of two small mangrove trees that grow together to form the top. The trees are just south of a small opening in the mangrove shoreline. The short stake described in Note A is nailed to one of the trees about 4 feet above mean high water. Note C, photo 42940.
- 1148 The center of a mangrove bush that grows on an oyster bed on the north side of the creek's mouth. Bush is the most southern one on the oyster bed. Note A&C, photo 42940.
- 1149 A sharp point of low overhanging mangrove. The point is about 80 feet south of some net poles that lead into a small indentation of the shoreline. Note A&C, photo 42940.
- 1150 The center of the northwest edge of a mangrove bush that grows at the northeast part of a sand bar that uncovers at low water. Note A&C, photo 42940.
- 1151 A sharp point of low hanging mangrove limbs. It is the sharpest point in the near area. Note A&C, photo 42940.
- 1152 The northeast part of an overhanging mangrove tree. The limbs of the part of the tree used are about 4 feet above water. This is the most overhanging tree in the area. Note C, photo 42940.

- 1153 A small mangrove bush that grows near the east end of a small area of shells and sand. Bush is about 6 feet in height and slender. Note A&C, photo 42940.
- 1154 The south end of a low overhanging point of mangrove at the west edge of a small indentation of the shoreline. Note A&C, photo 42940.
- 1155 A sharp point of mangrove that is about 6 feet above high water. Note A&C, photo 42940.
- 1156 A low point of mangrove which is the sharpest point in the near area. Note A&C, photo 42940.
- 1157 The center of the southeastern edge of a blunt point of mangrove. This is the first prominent point about 100 feet south of a wooden shack. Note A&C, photo 42940.
- 1158 A sharp point of mangrove which is the west end of some low mangrove that grows on the oyster bed on the eastern side of the small bays mouth. Note A&C, photo 42932.
- 1159 A point of mangrove, the first one northeast of an oyster bar that leads to the south from the south end of the island. Note A&C, photo 42932.
- 1160 The northwest end of an old fallen mangrove tree that only has two bunches of live limbs on it. One of these bunches is at the northwest end and is the station. Note A&C, photo 42932.
- 1161 The center of the highest part of a small oyster bed. The part of the bed is almost round. A 7 foot mangrove pole was driven at the point. Note A&C, photo 42932.
- 1162 A point of mangrove formed by a turn in the shoreline where the shoreline turns from east to north. Note A&C, photo 42932.
- 1163 The northwest end of a low long overhanging mangrove limb that is about 1 foot above high water. This limb leads out from a mangrove tree that is partly dead. Note A&C, photo 42932.
- 1164 The center of a small mangrove bush that grows near the south end of the oyster bed. This is the only bush on the bed. Note A, photo 42932.
- 1165 A point of mangrove where the shoreline turns from west to northwest. There is a large buttonwood tree about 40 feet east of the station at the shoreline. Note A&C, photo 42932.

- 1166 The most easternmost corner of the square point of mangrove. Note A&C, photo 42888.
- 1167 The most easternmost point of mangrove on the island. Note A&C, photo 42888.
- 1168 The center of the top of a fallen mangrove tree. The top of this tree is about 4 meters beyond the shoreline. Note A&C, photo 42888.
- 1169 A point of mangrove formed by the sharpest part of a low mangrove bush at the southeastern part of a small indentation in the shoreline. Note A&C, photo 42888.
- 1170 The most northerly part of the most northerly tree on the point. Note A&C, photo 42888.
- 1171 A corner of mangrove at the north side of a very small indentation in the shoreline. Note A&C, photo 42889.
- 1172 The center of the east end of the blunt tip of mangrove at the southeast end of the island. Note A&C, photo 42889.
- 1173 The eastern edge of a bush that grows at the shoreline that is composed of sand and gravel. The bush is at the eastern edge of a small Australian pine. Note A&C, photo 42889.
- 1174 The most northerly tip or point of mangrove on the island. Note A&C, photo 42889.
- 1175 The small stump of what was once a mangrove bush. The small stump is about 65 feet from the mangrove shoreline and about 40 feet from the edge of a boat channel. Station is marked with a mangrove pole and Note A. Photo 42890.
- 1176 A point of mangrove that is about 6 feet above mean high water. The point is the most easterly part of the larger point. Note A&C, photo 42890.
- 1177 The center part of the northern tip of the blunt point of mangrove on the south side of the small stream. Note A&C, photo 42890.
- 1178 The center of the top of a lone overhanging mangrove tree. The top of this tree is about 2 meters in diameter. Note A, photo 42932.

- 1179 A corner of mangrove where the shoreline turns from northwest to northeast. At low water there is only a few inches of water for about 25 feet west of the station. Note A&C, photo 42932.
- 1180 A point of mangrove, the first point north-northwest of a very shallow indentation in the shoreline. Note A&C, photo 42931.
- 1181 A corner of mangrove that is low mangrove at the northwest corner of a very small indentation that is about 2 meters wide and 3 meters deep. Note A&C, photo 42931.
- 1182 The center of a lone mangrove bush. The only isolated mangrove bush in the near area. Note A, photo 42931.
- 1182 ECCENTRIC - Station is 117 feet southwest of 1182 in shallow water. Station is marked by an upright 3-inch mangrove pole driven 5 feet into the sand and projecting 5 feet above high water. This pole is braced with two mangrove poles. Note A, photo 42931 (Approx. position)
- 1183 Located at the most westerly point of the large point about 3 feet west of the mangrove shoreline. Marked with a 3-inch mangrove pole driven 6 feet into the sand and projecting 6 feet above high water. This pole is braced with 2 mangrove poles and the short stake described in Note A is nailed to the upright pole. Approx. position 42931.
- 1184 A small corner of mangrove where the shoreline makes a small bend on the southwest side of the point. Note A&C, photo 42931.
- 1185 A blunt point of mangrove where the shoreline makes a small bend. Note A&C, photo 42930.
- 1187 Westerly tip of mangrove point which is first point northwest of south end of island (about 120 feet). The station limb is about 2 feet above water. Cut limbs, cloth strip. Photo 1491-A
- 1188 Point of mangrove on north side of island about 30 feet northeast of a large dead mangrove tree. Cut limbs, cloth strip 15 feet above water. Photo 1491-A
- 1189 Southeast corner of T pier. Steps at this end of pier. Not marked. Photo 1491-A

- 0810 The center of an isolated small mangrove bush that grows about 40 feet west of the mangrove shoreline. This bush is the most westerly one in the area. Note A&B - photo 42870.
- 0811 The south end of a sharp point of mangrove located at the north-northeast end of the island, on the west side of the very tip end of island. Note A&B - photo 42871.
- 0812 The northeast corner of a low overhanging mangrove limb that extends about 15 feet beyond the shoreline. Note A&C - photo 42930.
- 0814 A two-inch mangrove pole braced with two mangrove poles all of which are driven about four feet in the sand and mud. The pole is about one meter west of the mangrove shoreline. Note A&C (Approx. pos. on 42930)
- 0824 The sharp point of the north end of a row of mangrove. This point is about 15 feet south of where the shoreline turns abruptly to the west-northwest. The point is the sharpest one in the near area. Note A&C - photo 42930.

TOPOGRAPHIC STATIONS ARE LISTED BELOW:

- FLAT, 1956 Located at the northern tip of the most northern island of MacKeever Keys about 3 meters south of a mangrove tree among the mangrove roots.
- JEWFISH 2, 1955 ECCENTRIC - Station is the center of an 8-foot wooden stand made of poles and scrap lumber. The observers platform is around this stand but the boards have been removed. Approx. position photo 42940. (n.d., n.m.)
- REEF, 1956 At the center of the north end of a low row of mangrove that grows at the east edge of a 3-foot shell bank. There is a small area of sand and shells surrounding the area. Station is at the mean high-water line and is awash at high-water.
- EARL, 1956 Located at the tip of sword point 45 feet north-northeast of the shoreline and 32 feet east-southeast of the shoreline on top of a shell ridge 4 feet southwest of an 8-inch mangrove tree and 7 feet northeast of an 8-inch mangrove tree. Both trees have a cross blazed on them.
- EULA, 1956 Located near the extreme west tip of the large point 54 feet east of the mangrove shoreline on top of a shell ridge, 3 feet southeast of an 8" mangrove, 18 feet east of a 10" mangrove and 9 feet north of a 6" mangrove. These trees have a cross blazed on them.

WEST, 1956 North-northwest Gable Fish House.

50.

PHOTOGRAMMETRIC OFFICE REVIEW

T. 11411

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

Classification label Unclassified

CONTROL STATIONS

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

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

20. Water features IIS 21. Natural ground cover IIS 22. Planetable contours XX 23. Stereoscopic instrument contours XX 24. Contours in general XX 25. Spot elevations XX 26. Other physical features IIS

CULTURAL FEATURES

27. Roads IIS 28. Buildings IIS 29. Railroads XX 30. Other cultural features IIS

BOUNDARIES

31. Boundary lines XX 32. Public land lines XX

MISCELLANEOUS

33. Geographic names IIS 34. Junctions IIS 35. Legibility of the manuscript IIS 36. Discrepancy overlay XX 37. Descriptive Report IIS 38. Field inspection photographs IIS 39. Forms IIS

40. I. I. Saperstein Reviewer
Milton M. Slavney Supervisor, Review Section or Unit
I. I. Saperstein 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:

TIDE COMPUTATION

PROJECT NO. Ph. 146 T-11411

Time and date of exposure 1225 Oct. 21, 1958

Reference station SI Marks River Intra

Mean range 1.7

Date of field inspection _____

Subordinate station Punta Rasa, San Carlos Bay

Ratio of ranges 0.91

High tide	Time		Height feet	Height x Ratio of ranges	High tide	Time		Low tide at Ref. Sta.	Time	
	h.	m.				h.	m.		h.	m.
8 02	8	02	2.2	1.6	14 57	9	17	16 18	16	18
14 57	14	57	0.4	0.3		-	15		-	21
6 55	6	55		1.3			8 02			14 57

Time H. T. or L. T. Required time Interval	h. m.	Ht. H. T. or L. T. Tabular correction Stage of tide above MLW	feet	Feature bares Stage of tide above MLW Feature above MLW	feet	Photo. No.
Time H. T. or L. T. Required time Interval	14 57 12 25 2 32	Ht. H. T. or L. T. Tabular correction Stage of tide above MLW	0.3 0.4 0.7	Feature bares Stage of tide above MLW Feature above MLW	4 07	58-S-1493A
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		

Computed by P. E. J. Checked by 115

TIDE COMPUTATION

PROJECT NO. Ph- 146 T. 11411

Time and date of exposure Dec. 1, 1953 Reference station ST. Marks R. Entrance Mean range 1.7

Date of field inspection Nov. 1956 Subordinate station Punta Rasa, San Carlos Bay Ratio of ranges 0.7

	Time		Height feet	Height x Ratio of ranges	Time		Time
	h.	m.			h.	m.	
High tide	11	27	1.8	1.3	11	37	16 47
Low tide	16	47	0.9	0.6	-1	20	-1 20
Duration of rise or fall	5 10		0.7		10 17		15 27

	h.	m.	feet	feet	feet	Photo. No.
Time H. T. or L. T.	15	27				
Required time Interval	13	36	Ht. H. T. or L. T. Tabular correction Stage of tide above MLW	0.6 0.2 0.8	Feature bares Stage of tide above MLW Feature above MLW	42888
Time H. T. or L. T.			Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW	
Required time Interval			Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW	
Time H. T. or L. T.			Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW	
Required time Interval			Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW	
Time H. T. or L. T.			Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW	
Required time Interval			Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW	

Computed by P. E. A. Checked by 15

Review Report

Shoreline Maps

9-11407 through 9-11412

May 1965

61. General Statement

Area - The project encompasses the West Coast of Florida from Venice to Big Hickory Pass, including Charlotte Harbor and Port 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-5863	1:10,000	1943
T-5864	1:10,000	1943
T-5865	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-5871	1:10,000	1943
T-5872	1:10,000	1943
T-5873	1:10,000	1943

Cultural and shoreline changes have been continuing with extensive cultural changes in the urban areas. These maps are to supersede the above surveys for common areas for nautical charting.

63. Comparison with Maps of Other Agencies

Captiva	1:24,000	1958
Pine Island Center	1:24,000	1958
Port Myers SW	1:24,000	1957

Due to new construction there are cultural and shoreline differences.

64. Comparison with Contemporary Hydrographic Surveys

H-8362	1:10,000	1960
H-8555	1:10,000	1960
H-8598	1:10,000	1961

64. Continued

Shoreline and control of subject surveys was furnished prior to the hydrographic surveys and apparently no differences of importance exist.

65. Comparison with Nautical Charts

1855 876 sc	1:80,000 1:40,000	1962 revised to 1963 1964
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Differences exist. However, there are no 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 Jensen

Chief, Photogrammetry Branch

Chief, Nautical Chart Division

Chief, Photogrammetry Division

