

11392

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-11392

LOCALITY

State Florida

General locality Gulf Coast

Locality Gasparilla Pass to Knight
Island

1953-55

CHIEF OF PARTY

H.C.

H.C.Applequist, Tampa Photo. Office

LIBRARY & ARCHIVES

DATE February 1965

USCOMM-OC 5067

11392

DESCRIPTIVE REPORT - DATA RECORD

T - 11392

Project No. (II): **6146** Quadrangle Name (IV):

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

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

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

Officer-in-Charge: **H. C. Applequist**

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

MAR 28 1957

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): **M.H.W.**

~~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): **PLACIDA 2, 1934**

Lat.: **26°49'54"219 (1668.7m.)**

Long.: **82°15'57"745 (1594.5m.)**

Adjusted
~~Unadjusted~~

Plane Coordinates (IV):

State:

Zone:

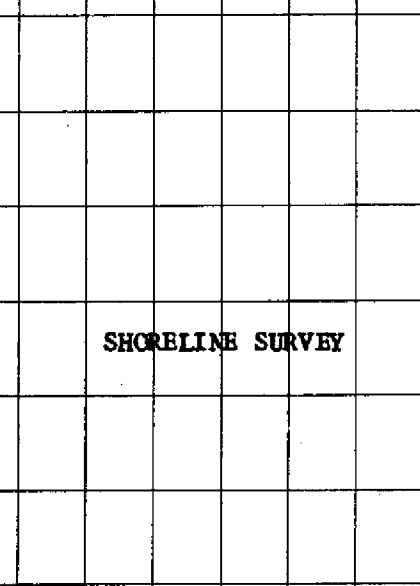
Y=

X=

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

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

DESCRIPTIVE REPORT - DATA RECORD



SHORELINE SURVEY

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

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): **W. H. Shearouse** Date: **14 March 1955**

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

Completion Surveys by (II): Date:

Mean High Water Location (III) (State date and method of location): **Dec. 1955**
Air Photo Compilation

Projection and Grids ruled by (IV): **Austin Riley (W.O.)** Date: **13 Sept. 1954**

Projection and Grids checked by (IV): **Austin Riley (W.O.)** Date: **28 Sept. 1954**

Control plotted by (III): **R. A. Reece** Date: **17 Mar. 1955**

Control checked by (III): **R. E. Smith** Date: **17 Mar. 1955**

Radial Plot ~~or Stereoscopic~~ Date: **5 Apr. 1955**

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

Planimetry Date:

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

Contours Date:

Manuscript delineated by (III): **R. A. Reece** Date: **30 Apr. 1956**

Photogrammetric Office Review by (III): **J. A. Giles** Date: **14 May 1956**

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

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): **C&GS Nine-lens**

A

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
42821	1 Dec. 1953	1242	1:10,000	+0.9
42822	"	1242	"	"
42823	"	1243	"	"
42824	"	1243	"	"
42854	"	1306	"	"
42855	"	1306	"	"
42856	"	1307	"	"

Tide (III) From predicted tide

Reference Station: **TAMPA BAY**
Subordinate Station: **PUNTA GORDA**
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
	1.5	2.0
0.9	1.4	1.9

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): **14**
Shoreline (More than 200 meters to opposite shore) (III): **30**

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

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

Number of Triangulation Stations searched for (II): **14**

Recovered: **11**

Identified: **2**

Number of BMs searched for (II): **None**

Recovered: **-**

Identified: **-**

Number of Recoverable Photo Stations established (III): **6**

Number of Temporary Photo Hydro Stations established (III): **102**

Remarks:

THE FIELD INSPECTION REPORT IS SUBMITTED
WITH T-11396

COMPILATION REPORT T-11392

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-11396.

31. DELINEATION

The graphic method was used. Field inspection was adequate.

Photographs were clear and of fair scale.

32. CONTROL

Reference Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage has been delineated according to field inspection notes and photographic interpretation.

35. SHORELINE AND ALONGSHORE DETAILS

Field inspection was adequate for delineation of shoreline features and interpretation of shallow areas, shoal areas and low-water lines. Reference Item 7 of Field Inspection Report.

36. OFFSHORE DETAILS

No problems were encountered in compiling details offshore from the high-water line. These details were shown according to field inspector's notes.

37. LANDMARKS AND AIDS

There are no landmarks or aeronautical aids.

Form 567 for fixed aids to navigation has been forwarded to the Washington Office. Reference Item 9, Field Inspection Report.

38. CONTROL FOR FUTURE SURVEYS

Six (6) topographic stations on Form 524 have been listed under Paragraph 49.

PLACIDA 2 AZ MK, 1934 on Form 524 has been listed but its use to the hydrographer is doubtful.

One hundred two (102) photo-hydro stations, with descriptions, were submitted to the hydrographer and are listed under Item 49.

39. JUNCTIONS

A satisfactory junction has been made with T-11389 to the north, T-11393 to the east and T-11395 to the south.

There is no contemporary survey to the west; (water.)

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with Coast and Geodetic Survey Planimetric Maps T-5857 and T-5859, scale 1:10,000, dated 1943. Cultural and physical changes are taking place - LITTLE GASPARILLA PASS has changed radically.

47. COMPARISON WITH NAUTICAL CHARTS


Comparison was made with Coast and Geodetic Survey Chart No. 1255, scale 1:80,000 (1st edition) corrected to the 14th of March 1955. The maps listed under Item 46 were evidently the source of topography and the same differences exist.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY


None.

ITEMS TO BE CARRIED FORWARD

None.


Richard A. Reece
Carto Photo. Aid

APPROVED AND FORWARDED:


H. C. Applequist, Chief of Party

48. GEOGRAPHIC NAME LIST

BIRD KEY
BOCILLA ISLAND

CAPE HAZE
CATFISH CREEK
CATFISH POINT
COON KEY
CORAL CREEK
COTTON KEY

GASPARILLA PASS
GASPARILLA SOUND
GULF OF MEXICO

KETTLE HARBOR
KNIGHT ISLAND

LEMON BAY
LEMON CREEK
LITTLE GASPARILLA ISLAND
LITTLE GASPARILLA PASS

PLACIDA

RAMBLER HOLE

SEABOARD AIR LINE
STATE 771
STATE 775

A. J. Wrought
Geog. Names Sec.

49. NOTES FOR THE HYDROGRAPHER.

The following is a list of 102 photo-hydro stations:

NOTE A: A stake with small flag, driven into ground and usually projects $2\frac{1}{2}$ - 3 feet, with a shorter stake nearby which usually projects approximately one (1) foot.

- 9201 - The most westerly tip of mangrove bush, on small island, on oyster shell beach. Photo 42821
- 9202 - Topographic Station NOEL, 1955. 133 feet southwest of southeast end of approx. 200 x 75 feet mangrove area, approx. 1,000 feet northwest of north end of closed pass, 120 feet east of M.H.W.L., 60 feet east of grass line, 63 feet south-southeast of large clump of palmetto, and under an 8-foot tall cabbage palm. Flagged. Photo 42821
- 9203 - A 15-foot tall, lone Australian pine, opposite north end of slough (old pass), smallest of 3 lone pines in a row and approx. 80 feet apart, and 150 feet from M.H.W.L. Marked by stake with flag, stake numbered, and tree bark skinned off. Photo 42821
- 9204 - Lone Australian pine, 30 feet south of large seagrape approx. 150 feet southeast of slough (old pass), and 75 feet from M.H.W.L. Marked by numbered stake and the tree bark skinned. Photo 42821
- 9205 - Center of sand dune covered with grass, 87 feet from M.H.W.L. and approx. 50 feet south of hedge row of dead brush, which runs southwest/southeast. Marked Note A and stake numbered. Photo 42821.
- 9206 - Point 10 feet southeast of northwest tip of beach wheat grass clump, approx. 200 feet southwest of Australian pine clump, and 105 feet from M.H.W.L. Marked Note A and stake numbered. Photo 42822
- 9207 - Lone clump of mangrove which is back of a low dune covered with seagrape, 138 feet from M.H.W.L. and at end of a streak of dead mangrove. Marked Note A and stake numbered. Photo 42822.

- 9208 - A round cabbage palm; approx. 12 feet tall, approx. 100 feet south of large, low mangrove clump, approx. 75 feet inshore from edge of grass, and 213 feet from M.H.W.L. Marked Note A and stake numbered. Photo 42822.
- 9209 - Topographic Station CART, 1955. An 8-inch square concrete monument set under an 8-foot tall, round cabbage palm 275 feet east of M.H.W.L. It is the southerly of two small palms, approx. 60 feet apart and the nearest two to beach. Flagged with a numbered stake. Photo 42822
- 9210 - Small seagrape bush at west edge of large leaf type seagrape bush, 162 feet from M.H.W.L. Marked Note A and stake numbered. Photo 42822
- 9211 - Small sand dune covered with sea oats grass. This dune is slightly nearer the water than any other in the area. It is 108 feet from M.H.W.L. Marked Note A and the stake numbered. Photo 42822
- 9212 - Low sand dune covered with small weeds, on north side of sand trail leading from end of road to beach, 78 feet from M.H.W.L. Marked Note A and stake numbered. Photo 42822
- 9213 - Center of green brush clump which is behind a large low seagrape bush, approx. 160 feet southwest of point of mangrove swamp and approx. 300 feet from M.H.W.L. A 16-foot signal will be required. Marked Note A and stake numbered. Photo 42822
- 9214 - Low sand dune covered with sea oats. This is in a line of clumps of grass about 20 feet seaward from bluff. 90 feet from M.H.W.L. Marked Note A and stake numbered. Photo 42823
- 9215 - Center of clump of sea oats, on east side of beach at pass, 24 feet from M.H.W.L. of pass, and at a south end of clumps of grass on north side of pass. There is a small Australian pine approx. 30 feet southwest of station. Marked Note A and stake numbered. Photo 42822
- 9216 - Topographic Station B MONUMENT CV 4 and 5 (USED)(1943), 1955. Flagged.

- 9217 - Triangulation Station 1002+90 (100 feet offset)(USED), 1938. A concrete post with disk at edge of mangrove. Flagged.
- 9218 - Triangulation Station 1002+90 (400 feet offset)(USED), 1938. Concrete post with disk at edge of mangrove and across from 1002+90 (100 feet offset). Not flagged but monument projects.
- 9219 - North edge of grass of northerly of two grass and young mangrove clumps. Marked Note A. Photo 42822
- 9220 - A small pothole in bottom in shallow water. It is surrounded by sand but hole shows dark. Approx. 20 feet off mangrove shoreline. Marked by stake with flag. Photo 42822
- 9221 - Tip of mangrove at east edge of small beach-like indenture in mangrove shoreline. Marked Note A. Photo 42821
- 9222 - Southeast end of spot of shell in shallow water. There is a pothole just to northwest of shell spot. Marked Note A. Photo 42822
- 9223 - Mangrove bush approx. 75 feet south of point. Marked by stake with flag and strip of cloth tied to bush. Photo 42821
- 9224 - Seaward edge of round mangrove bush which projects out from shoreline slightly and is at south of small cove in mangrove shoreline. Marked Note A. Photo 42822
- 9225 - Remains of small boat. This is only the frame and is awash at low water. Marked Note A. Photo 42822
- 9226 - Lone mangrove bush at approx. center of small beach. NOTE: The bush has been cut down but young mangrove is growing up again. Marked Note A. Photo 42822
- 9227 - Lone mangrove bush at approx. center of small beach in mangrove shoreline. Marked Note A. Photo 42822
- 9228 - Mangrove bush at easterly end of row of mangrove along south side of Australian pine thicket. Marked Note A. Photo 42822

- 9229 - Chimney on north side of house with hip roof. Photo 42822
- 9230 - Mangrove bush leaning over water. It is just south of a rounding point. Marked by strips of cloth tied to limbs. Photo 42822
- 9231 - Seaward tip of prominent mangrove point near south end of a cove in the mangrove shoreline. Marked by strips of cloth tied to limbs. Photo 42822
- 9232 - North tip of grass on east side of north entrance to cutoff. Marked by Note A. Photo 42822
- 9233 - Seaward tip of mangrove bush overhanging water. Marked by strips of cloth tied to limbs. Photo 42822
- 9234 - Lone seagrass bush on shoreline and approx. 15 feet north of a coconut palm. Marked Note A. Photo 42822
- 9235 - Center of oyster bar at edge of mangrove. There is a small pile that was flagged to mark station. Photo 42822
- 9236 - Chimney a few feet from north end of gable on house. Photo 42822
- 9237 - Triangulation Station AXIS CUT VJ (USED) 1938. Flagged.
- 9238 - Triangulation Station AXIS CUT VI (USED) 1938. Flagged.
- 9239 - Seaward tip of low mangrove limb which extends out over water. Marked by strips of cloth tied to limbs. Photo 42822
- 9240 - Southwesterly end of low spoil ridge along edge of fill. It is approx. 60 feet south-southeast of an oyster bar. Marked Note A. Photo 42822
- 9241 - Center of oyster bar near south side of entrance to cutoff. Marked Note A. Photo 42822
- 9242 - 2 flags at edge of mangrove. (located by angle and distance from onshore)
- 9243 - Flag in water, 8 feet offshore. (located by angle and distance from onshore) Photo 42822

- 9244 - Flag in water at edge of mangrove. (located by angle and distance from onshore) Photo 42822
- 9245 - Flag and stake in water at edge of mangrove and on slightly rounded point. (located by angle and distance from onshore). Photo 42822
- 9246 - Tip of mangrove point on north side of cove. Marked Note A. Photo 42822
- 9247 - West tip end of grass line on bluff at mouth of canal, on south side. Marked Note A. Photo 42822
- 9248 - End of bridge wingwall. Marked by a flag only. Photo 42822
- 9249 - Southeast end of small, long patch of mangrove seedlings. Marked Note A. Photo 42822
- 9250 - GASPARILLA (USE), 1938. Flagged. Photo 42822
- 9251 - Center of lone mangrove clump. Marked Note A. Photo 42822
- 9252 - Mangrove bush on M. H. W. L. on point. Marked Note A. Photo 42823
- 9253 - Center of low sand dune covered with weed-like grass and 63 feet south of M.H.W.L. Marked Note A. Photo 42823
- 9254 - Northeast gable across old shingled house. The southerly house of 4. It is 2-story and weather worn. Photo 42823
- 9255 - Small, lone mangrove bush at seaward edge of small sand beach. Marked Note A. Photo 42823
- 9256 - Center of seaward end of pier. Photo 42823.
- 9257 - Small green ventilator (stovepipe type) atop green roofed house. Located by theodolite cuts
- 9258 - Clump of grass atop small sand dune, approx. 270 feet southwest of large Australian pine and 102 feet from M.H.W.L. Marked by Note A and stakes numbered. Photo 42823
- 9259 - Clump of grass atop small sand dune. The nearest clump to Gulf and 66 feet east of M.H.W.L. Marked Note A and stake numbered. Photo 42823

- 9260 - Center of grass covered sand dune. It is first dune north along beach from a weed-covered dune and two seagrape covered ones, and 78 feet from M.H.W.L. Marked Note A and stakes numbered. Photo 42823
- 9261 - 25-foot tall Australian pine. Westerly of two.
NOTE: Shoreline is eroding rapidly to north of tree due to changing of Pass. Marked Note A, stakes numbered and strips of cloth tied to limb of tree. Photo 42823
- 9262 - Southwest gable of shingle-roofed, weather beaten house. Photo 42823.
NOTE: For use on 1:20,000 boat sheet
- 9263 - Grass covered sand dune, approx. 100 feet west of one tall and two low cabbage palms, approx. 100 feet northwest of end of growth of brush, and 135 feet from M.H.W.L. Marked Note A and stake numbered. Photo 42823
- 9264 - 6-foot tall cabbage palm tree at edge of grass line, approx. 40 feet north of palm tree stump, only palm in area, and 108 feet from M.H.W.L. Marked Note A and stake numbered. Photo 42823
- 9265 - 8-foot tall palm tree, approx. 40 feet north along grass line from clump of dead seagrape and 57 feet from M.H.W.L. Marked Note A and stake numbered. Photo 42823
- 9266 - Root of overturned tree, approx. 36 feet offshore from M.H.W.L. Marked Note A and stake numbered. Photo 42823
- 9267 - 12-foot tall palm tree approx. 600 feet north of point, 80 feet south of mangrove edge and 140 feet from M.H.W.L. of Gulf. Marked Note A and stake numbered. Photo 42823
- 9268 - 12-foot tall palm tree, on point (about midway east/west) approx. 70 feet north of grass line and 192 feet north of M.H.W.L. of Pass. It is the southernmost palm. Marked Note A and stake numbered. Photo 42824.
- 9269 - Overturned tree root approx. 15 feet offshore from M.H.W.L. Marked Note A and stake numbered. Photo 42824

- 9270 - Lone mangrove bush at northwest end of row of mangrove bushes on sand beach. Marked Note A. Photo 42824
- 9271 - South gable of bridge tenders house on north end of draw. Photo 42824
- 9272 - Power line pole on south side of channel. Photo 42824
- 9273 - Power line pole on north side of channel.
- 9274 - Southwest gable of tin house on piles and in between net racks. Photo 42823
- 9275 - Power line pole at north side of channel. Photo 42823
- 9276 - Power line pole at south side of channel. Photo 42823
- 9277 - North gable of green roofed bridge tenders house at south side of draw. Photo 42823
NOTE: There is a porch roof in front of gable.
- 9278 - Southwest corner of Gasparilla Fisheries white stucco building. Photo 42824
- 9279 - East gable of small house on piling, green roof. Photo 42824
- 9280 - Center of mangrove clump on end of oyster reef. Marked Note A. Photo 42854
- 9281 - Detached mangrove bush approx. 60 feet from point. Marked Note A. Photo 42854
- 9282 - Clump of mangrove twiggs on southwest edge of oyster reef. Marked Note A. Photo 42854
- 9283 - Center of small oyster bar, approx. 400 feet off mangrove shoreline. Marked Note A. Photo 42854
- 9284 - Center of small oyster bar that is surrounded by sand on bottom. It is seaward oyster bar. Marked Note A. Photo 42854
- 9285 - Detached mangrove bush near north tip of oyster reef. Marked Note A. Photo 42854

- 9286 - Mangrove bush on northwest side of oyster reef.
Marked Note A. Photo 42854
- 9287 - Small, lone mangrove bush on oyster bar. Marked
Note A. Photo 42854
- 9288 - Detached mangrove bush in marsh grass. There are a
number of very small seedling mangrove around sta-
tion. Marked Note A. Photo 42823
- 9289 - West gable of new house (Marine Lab) Located by
theodolite cuts. See Vol. 2 Horizontal directions.
- 9290 - Tip of low-hanging mangrove limb on point. Marked
Note A. Photo 42823
- 9291 - Detached mangrove bush along mangrove shoreline.
Marked Note A. Photo 42823
- 9292 - Seaward of two mangrove bushes on south side of
entrance to cut. Marked Note A. Photo 42823
- 9293 - Private Beacon
- 9294 - Private Beacon
- 9295 - Private Beacon
- 9296 - Private Beacon
- 9297 - Private Beacon
- 9298 - Beacon 7
- 9299 - Beacon 9
- 92100 - Beacon 10
- 92101 - Topographic Station BABE, 1955. Flagged
- 92102 - Northeast gable of house. Photo 42823

There are six (6) recoverable topographic station:

SECTION POST MC, SEC. 22, T42S, R20E, 1909

NOEL, 1955

PLACIDA 2 AZIMUTH MARK, 1934

CART, 1955

BABE, 1955

B MON. CV 4 & 5 (USED)

50.

PHOTOGRAMMETRIC OFFICE REVIEW

T-11392

1. Projection and grids J.G. 2. Title J.G. 3. Manuscript numbers J.G. 4. Manuscript size J.G.
 4a. Classification label Unclassified

CONTROL STATIONS

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

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

27. Roads J.G. 28. Buildings J.G. 29. Railroads J.G. 30. Other cultural features J.G.

BOUNDARIES

31. Boundary lines XX 32. Public land lines XX

MISCELLANEOUS

33. Geographic names J.G. 34. Junctions J.G. 35. Legibility of the manuscript J.G. 36. Discrepancy overlay XX 37. Descriptive Report J.G. 38. Field inspection photographs J.G. 39. Forms J.G.
 40. Jesse A. Giles William A. Rasure
 Reviewer Supervisor, Review Section or Unit Wm. A. Rasure

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:

M-2623-12

TIDE COMPUTATION

PROJECT NO. Ph-146 T. 11392

Time and date of exposure 12:42 Dec 1953

Reference station Tampa Bay, Fla

Mean range 1.4

Date of field inspection

Subordinate station Punta Gorda, Charlotte Harbor, Fla

Ratio of ranges 0.9

	Time		Height feet	Height x Ratio of ranges	Range of tide
	h.	m.			
High tide	11	41	1.0	0.9	
Low tide	15	48	0.8	0.7	
Duration of rise or fall	4	07		0.2	

	Time		High tide at Ref. Sta.	Time difference	Corrected time at Subordinate station
	h.	m.			
High tide at Ref. Sta.	11	41			
Time difference			4	20	
Corrected time at Subordinate station	12	01			

	Time		Low tide at Ref. Sta.	Time difference	Corrected time at Subordinate station
	h.	m.			
Low tide at Ref. Sta.	15	48			
Time difference			4	20	
Corrected time at Subordinate station	16	08			

	h.	m.	feet	feet	Photo. No.
Time H. T. or L. T. Required time Interval	12	01	Ht. H. T. or L. T. Tabular correction Stage of tide above MLW	0.9 0.0 0.9	42822
Time H. T. or L. T. Required time Interval			Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		
Time H. T. or L. T. Required time Interval			Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		
Time H. T. or L. T. Required time Interval			Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		
Time H. T. or L. T. Required time Interval			Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		
Time H. T. or L. T. Required time Interval			Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		
Time H. T. or L. T. Required time Interval			Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		

Computed by R. A. Reese Checked by R. A. Smith M-2617-12

Review Report

Shoreline Maps

T-11389 thru T-11394

February 1965

61. General Statement

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

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-5856	1:10,000	1944
T-5857	1:10,000	1944
T-5858	1:10,000	1944
T-5859	1:10,000	1944
T-5860	1:10,000	1944
T-5875	1:10,000	1944
T-5876	1:10,000	1944

There are shoreline changes due to the difference in time interval. These map manuscripts are to supersede the above listed surveys of common area for nautical charting.

63. Comparison with Maps of Other Agencies

Englewood	1:24,000	1956
El Jobean	1:24,000	1957
Punta Gorda	1:24,000	1957
Punta Gorda SE	1:24,000	1956
Punta Gorda SW	1:24,000	1957
Placida	1:24,000	1957

There are cultural and shoreline changes but, in general the agreement is good.

64. Comparison with Contemporary Hydrographic Surveys

H-8153	1:20,000	1955
H-8155	1:10,000	1955
H-8192	1:10,000	1956
H-8193	1:10,000	1956
H-8357	1:10,000	1957
H-8360	1:10,000	1959

64. Comparison with Contemporary Hydrographic Surveys(cont'd)

H-8469	1:10,000	1959
H-8470	1:10,000	1959

Shoreline and control was furnished prior to hydrography and no changes of importance exist.

65. Comparison with Nautical Charts

1255	1:80,000	1956
857 SC	1:40,000	1964

There are only minor differences that exist. However, there are no items to be applied immediately.

66. Accuracy of Results and Future Surveys

These surveys were constructed according to project instructions and are within the required accuracy for nautical charting.

Reviewed by:

L. C. Lande
L. C. Lande

Approved by:

Charles H. Hauer
Chief, Photogrammetric Branch

Chief, Nautical Chart Division

M. C. Natto
for Chief, Photogrammetry Division

