11396

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-11396

LOCALITY

State Florida

General locality Gulf Coast

Locality Gasparilla Sound to Cape Haze

1953-55

CHIEF OF PARTY

H.C.Applequist, Tampa Photo. Office

LIBRARY & ARCHIVES

DATE February 1965

USCOMM-DC 5087

11396

FORM 181
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T - 11396

PH 146

Project No. (II): ~~2323~~

Quadrangle Name (IV):

Field Office (II): Punta Gorda 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
9 November 1956 (Amendment No.1)

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): MHW

[redacted] 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): HURRY 1955

Lat.: 26°46'23."087 (710.5 m)

Long.: 82°11'04."218 (116.5 m)

Adjusted [redacted]

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.

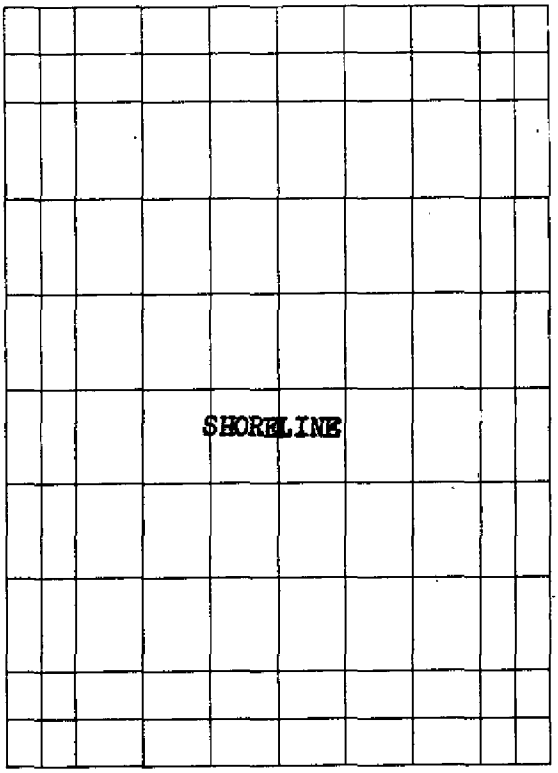
When entering names of personnel on this record give the surname and initials, not initials only.

COMM-DC-57842

FORM 181a
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD



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

FORM 181b
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

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

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

Completion Surveys by (II): **Inapplicable** 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. J. Pate** Date: **25 May 1955**

Control checked by (III): **M. M. Slavney** Date: **25 May 1955**

Radial Plot ~~or Stereoscopic Extension~~ by (III): **M. M. Slavney** Date: **10 June 1955**

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

Contours Date:

Manuscript delineated by (III): **R. Dossett** Date: **Nov. 1956**

Photogrammetric Office Review by (III): **W. H. Shearouse** Date: **Dec. 1956**

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

COMM-DC-57842

FORM 181c
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): U.S.C.&G.S. 9-lens, 8½ in. focal length

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
42852	1 Dec. 1953	13:05	1:10,000	+ 0.7
42853	"	13:05	"	"
42861	"	13:14	"	+ 0.6
42862	"	13:15	"	+ 0.7
42863	"	13:17	"	"
42899	"	13:44	"	+ 0.6
42900	"	"	"	"
42921	"	14.01	"	"
42922	"	14.02	"	"

Predicted
Tide (III)

Ratio of Ranges	Mean Range	Spring Range
	1.4	2.0
0.8	1.2	1.6

Reference Station: **Tampa Bay**
Subordinate Station: **Near Punta Gorda and Port Boca Grande**
Subordinate Station: **Charlotte Harbor**

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): 7
Shoreline (More than 200 meters to opposite shore) (III): 24
S[redacted]):
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): 9 Recovered: 3 Identified: 5
Number of BMs searched for (II): None Recovered: Identified:
Number of Recoverable Photo Stations established (III): 4
Number of Temporary Photo Hydro Stations established (III): 133

Remarks: Topographic Station FERN 1955 established at same Geo. position as Triangulation Station DREW 1943(destroyed)

COMM-DC-57842

FIELD INSPECTION REPORT: T-11387, T-11390, T-11392, T-11393, T-11395, T-11396, T-11398, T-11399, T-11402, T-11403.

2. AREAL FIELD INSPECTION

The land area is the peninsular-like body to the north and forming the northwest side of Charlotte Harbor; the islands(Little Gasparilla, Gasparilla and LaCosta) which stretch along the coastline, forming the western boundaries of Gasparilla Sound, Charlotte Harbor and Pine Island Sound; Bokeelia Island; and the northern part of Pine Island.

Inland passage from the Gulf is allowed by Little Gasparilla Pass (T-11392), Gasparilla Pass (T-11392 and T-11393), and Boca Grande (channel)(T-11398) which is the main entrance to Charlotte Harbor and extensively known for its tarpon fishing grounds, said to be the "world's best". These passes separate the islands forming the barrier between Gulf and bays. Except for Gasparilla, these offshore islands are undeveloped, having only a few isolated buildings, usually the camps or residences of fishermen.

Gasparilla Island is widely known as an exclusive winter resort, on it being the town of Boca Grande. At the so uthern end is Port Boca Grande, a deep water port and a terminus of the Seaboard Airline Railroad, where seagoing vessels are loaded with phosphate.

The mainland is flat, poorly drained land with numerous ponds, intermittent ponds and marshy areas. Vegetation consists of scattered pine, (except there are some rather large areas where the growth is thick),palm and some deciduous trees, palmetto, and brush. It is mainly devoted to ranching. Near the shore the short tidal creeks are bordered by mangrove swamps with a mixture of marsh near their inshore limits. These mangrove swamps largely form the border of the land and often extend a half mile or more inland. Map T-11396 is comprised of numerous islands which are almost entirely covered with dense mangrove.

Immediately inshore from this mangrove on the mainland (T-11390 and T-11393) are sizeable areas of sand flats that cover with salt water at storm tides. The salt content of the soil is such that practically no inland vegetation can thrive and yet it is not covered often enough for any but the scraggiest scattering of mangrove bushes. (Mangrove requires considerable salt water to live). These flats show white or gray on the photographs and are readily recognized.

Other populated places are the villages of Placida (T-11392) El Jobean (T-11387) and Bokeelia (T-11399).

The Seaboard Airline Railroad runs southwesterly across maps T-11387, T-11390 and T-11392, crossing the sound to Gasparilla Island where it terminates at the aforementioned Port Boca Grande. In addition, State Highways 771, 775 and 776 serve the area.

Photographic coverage is adequate except for the south shore of Hog Island (T-11390) where it was meager. The quality is generally good.

Complete field inspection was made of shoreline and interior, no part being purposely omitted.

3. HORIZONTAL CONTROL

Following is a list of third-order triangulation stations established during field inspection:

Map No.	Name
T-11395	BOCA GRANDE, GASPARILLA INN WATER TANK, TALLER OF TWO, 1955.
T-11395	GASPARILLA PASS LIGHT 1, 1955
T-11395	GASPARILLA SOUND LIGHT 13A, 1955
T-11396	CAPE HAZE SHOAL DAYBEACON, 1955
T-11396	CHARLOTTE HARBOR DAYBEACON 5, 1955
T-11396	HURRY, 1955
T-11397	CHARLOTTE HARBOR LIGHT 2, 1943-1955
T-11398	BOCA GRANDE CHANNEL, RANGE FRONT LIGHT, 1955
T-11398	BOCA GRANDE, YACHT BASIN ENTRANCE LIGHT 1, 1955
T-11398	CHARLOTTE HARBOR, INNER CHANNEL DIRECTIONAL LIGHT, 1955
T-11398	PORT BOCA GRANDE WATER TANK, 1955
T-11399	CHARLOTTE HARBOR LIGHT 4, 1955
T-11399	LITTLE BOKEELIA ISLAND WATER TANK, 1955
T-11399	PINE ISLAND SOUND LIGHT 37, 1955
T-11403	FISHHOUSE, 1955
T-11403	PALMETTO ISLAND WATER TANK, 1955

All Corps of Engineers, U. S. A., third-order triangulation stations and U. S. Geological Survey third order traverse stations for which descriptions were available were searched for. Designated ones were identified for radial plot control. Those recovered are listed here:

CENTER OF NORTH DRAW, U.S.E., 1938
AXIS CUT VJ(S.MON.) U.S.E., 1938
GASPARILLA, U.S.E., 1938
SOUTH BASE, U.S.E., 1938
1002 / 90 (400 FT. OFFSET), U.S.E., 1938
AXIS CUT VI(S. MON.) U.S.E., 1938
AXIS CUT VJ(N.MON.) U.S.E., 1938
COSTA, U.S.E., 1945
1002 / 90 (100Ft. OFFSET) U.S.E., 1938

MJ. U.S.E., 1938
ML, U.S.E., 1938
MM. U.S.E., 1938
MN, U.S.E., 1938
MO, U.S.E., 1938
MQ, U.S.E., 1938
MR. U.S.E., 1938

M.P. U.S.E., 1938

69 ERS, TT, U.S.G.S. 1952
70 ERS, TT, U.S.G.S. 1952
BG 6, U.S.E. 1935, U.S.G.S. 1952
BG 7 U.S.E. 1935, U.S.G.S. 1952
TT 44 JA. U.S.G.S. 1952
73 ERS, TT, U.S.G.S. 1952
74 ERS, TT, U.S.G.S. 1952
75 ERS, TT, U.S.G.S. 1952
76 ERS, TT, U.S.G.S. 1952
BG 4, U.S.E. 1935, U.S.G.S. 1952
TT 34 JA, U.S.G.S. 1952
TT 35, JA, U.S.G.S. 1952
TT 36, JA,U.S.G.S. 1952
TT 37 JA, U.S.G.S. 1952
TT.38 JA, U.S.G.S. 1952
TT 39 JA, U.S.G.S. 1952

All known Coast and Geodetic Survey Stations were searched for and reported on Form 526. Lost stations are as follows:

CORAL, 1860-1909
LLANO, 1860
PLOW, 1909
PELAYO, 1860
ICE, 1943
ELA, 1943
FIR, 1943
DREW, 1943
USEPPA ISLAND HOTEL TANK, 1934
USEPPA ISLAND HOTEL FLAGPOLE, 1934
ALF, 1943
GEE, 1943
LOCUST POINT 2, 1934.

Of the afore-listed "Lost" stations, DREW 1943, USEPPA ISLAND HOTEL WATER TANK, 1934 and LOCUST POINT 2, 1934, were identified for use in the radial plot.

In the case of LOCUST POINT 2 1934, Reference Mark 2 was recovered in good condition and used in lieu of the station, as a direction and distance were furnished in the description, from which the position of R.M. 2 may be computed.

USEPPA ISLAND HOTEL WATER TANK 1934, had been dismantled but the concrete footings were still in place. The center was determined by cross-string method and this point occupied to turn angle to sub. station.

Station DREW 1943 was found broken off and lying in the water. The base of the monument was still in place and was used to locate a sub.station. This base was later replaced as a topographic station.

4. VERTICAL CONTROL

Tidal bench marks at Port Boca Grande, Charlotte Harbor, were recovered and reported on Form 685 A.

5. CONTOURS AND DRAINAGE

Contours inapplicable.

Drainage was inspected at numerous places and labelled on the photographs. Several creeks drain the mainland and are shallow and hazardous to navigate. The most prominent of these is Coral Creek (T-11392). Oyster bars prohibit any but very shallow draft boats to enter.

A detailed discussion of ponds was written in the report covering maps T-11384, T-11385, T-11386, and T-11389, of this project. Like conditions were found in the maps covered by this report, with the addition of more inland marshy areas. Many of these are best portrayed by marsh symbol surrounding ponds. A number have been so classified.

6. WOODLAND COVER

Classified in numerous places on the photographs. Also refer to Item 2.

7. SHORELINE AND ALONGSHORE FEATURES

Alongshore features such as net racks, boat houses, piers, etc. were inspected and labelled.

The mean high-water line was completely inspected and labelled. Along the Gulf beach, measurements were made from identifiable features at intervals of 1,000 - 1,500 feet. This was necessary because there was no visible line of the photographs, for the most part. The mean high-water line was then extended a few hundred feet on either side of the measured point and it is believed that the compiler can complete the delineation without difficulty. The planetable was used to locate mean high-water line at Little Gasparilla Pass (T-11392). Shoreline of this pass is changing so rapidly it is believed that the hydrographer will have to redetermine it.

Inshore the mean high-water line was usually visible on the photographs and was labelled.

A large percentage of the shoreline of Charlotte Harbor and adjoining bays and sounds is mangrove swamp and classified "apparent". It will be noted that a few stretches along these swamps have been shown with mean high-water line symbol, indicating fast or solid ground. This is justified by storm-made sand ridges, some 2 or 3 feet above mean high-water, that have become stable enough to encourage a scattering of palm trees, seagrape bushes and other vegetation that will not grow if the roots are inundated by salt water.

Mean high-water line was extremely difficult to determine in the upper reaches of both prongs of Coral-Creek (T-11389 and T-11392). Wind seems to hold the water in or out of the creek to such an extent that it could be said that there are almost two mean high-water lines. A careful study of these creeks was made at various times and it is believed that the lines as symbolized on the photographs are correct.

The low-water line was shown as approximated along inshore areas only. As mentioned, tides are largely controlled by winds which fact is strikingly noticeable in small bays and creeks. Flats uncover when offshore winds hold for several days and remain covered with onshore winds. The final low-water line will, therefore, have to be determined by the reduction of soundings and shown by the hydrographer. A previous agreement was reached with the hydrographic party regarding the low-water line along the Gulf beaches and no attempt to show it on the photographs has been made.

The foreshore of the Gulf is sand and shell, with an occassional rock ledge. In the bays and creeks it is sand or mud, often grass-covered.

The beaches are of gradual slope with no bluffs worthy of mapping.

Submarine cables have been noted and the points of submergence indicated. These are to be found in surveys T-11392, T-11395, T-11398 and T-11403.

8. OFFSHORE FEATURES

The only offshore features noted in the Gulf are several piling along the north side of Boca Grande channel. These were located by theodolite cuts from photo identified features or triangulation stations, or, in the case of some near offshore lights, by angle and distance.

Offshore features of importance in the bays are oyster bars, shoals and piles. The latter have been located by direct marking on the photographs, theodolite cuts or sextant fix; the former were labelled.

9. LANDMARKS AND AIDS

Fixed aids to navigation were located by one of the following methods:

(1) Triangulation
(2) Photogrammetrically
(3) Theodolite cuts

Form 567 is being submitted with this report.
These Forms were forwarded to Washington by the Tampa Photo Office on 21 Dec. 1955 & 20 Jan. 1956
Landmarks for charts were selected and are being reported on Form 567.

10. BOUNDARIES, MONUMENTS AND LINES

Inapplicable

11. OTHER CONTROL

The following are topographic stations that will be of value to the Hydrographer and for which Form 524 is submitted:

T-11387

MEX(1943)1955
PIC(1943) 1955

T-11390

ANDY, 1955

T-11392

B MON CV 4 & 5 USED(1943) 1955
CART 1955
BABE 1955
NOEL 1955

T-11393

DOOR 1955

T-11395

RUR(1943) 1955
COOT 1955
TANK, EL MUNI INCINERATOR(1943) 1955

T-11396

FERN 1955
HAZE 1955
COB(1943)1955
DAB(1943) 1955
SECTION CORNER 34 AMC T42S R21E, 1955

T-11398

BG 9 USE 1935(1943) 1955

T-11399

EDNA 1955

T-11403

GIRL 1955
HOPE 1955
SPANISH AZ MK.(1943) 1955
SAL (1943) 1955
ROT (1943) 1955
ONE (1943) 1955
OUT (1943) 1955

Photo-hydro stations were selected throughout so as to provide adequate control for the hydrographic survey. Lone mangrove and seagrape bushes, prominent gables, conspicuous lone trees, small oyster bars, ends of piers, ends and corners of seawalls, were used. Also where it could not feasibly be avoided, points of mangrove trees that projected seaward enough to make identification reasonably positive were identified along otherwise "smooth" shoreline.

Great care was exercised in these selections and none were marked without throughly "reading" the photographs from all approaches and all are believed to be within accuracy requirements. Usually these stations are in narrow creeks or small bays where their use will be negligible.

The hydrographic station sites were marked by a 1-inch stake or lath with small flag attached to its top and projecting 3 or 4 feet. A shorter 1 x 2-inch stake is nearby. This short stake usually projects 1 or 2 feet and has "U.S.Govt" lettered on its side. This, of course, applies to those station sites practical to mark and necessary to assure their positive recovery by the hydrographic party. Short stakes marking the last several station sites in Survey T-11393, were painted white and have"U.S GOVT" stenciled in black on their side.

Selection and identification of photo-hydro stations along the west shore of Charlotte Harbor from approximately latitude 26°49' northward to 26°55' (T-11390 and T-11393) presented a problem. The flight line parallels and is almost coincident with the shoreline. It was figured that points of 2-cut radial intersection would prove worthless in many instances due to their "slimness". Also, positively identifiable points were difficult to find because the mangrove shoreline was smooth-appearing on the photographs, plus the fact that the shadows were exactly wrong for identification. Further, the adjacent flightline is inland which makes the 20 to often 40 foot trees lean out over the water and often covered a point instead of providing a third cut.

It was necessary, therefore, to search this shoreline for the points that could be identified with reasonable accuracy. From these and the existing horizontal control stations, hydrographic station sites were established by various methods, i.e., theodolite fix, angle and distance, and stadia traverse. Spots were selected on the shoal that parallels the shoreline and marked by 2"x2" stakes driven into the bottom and braced by 1x4's driven in at angle and nailed to the taller 2 x 2. Cloth Signal Notices, (Form 51) were attached and "U.S.GOVT" lettered thereon in the hope that visitors would not disturb them. The sites were then occupied as indicated in the foregoing. These stations should provide adequate hydrographic control for close to shore work as well as offshore, as some are as much as a thousand feet from the shore.

Numbers were assigned photo-hydro stations, using the last two digits of the T-map number then adding 01, 02, etc., as previously arranged with the hydrographic party. Station sites are described in Sketchbooks No. 5, 6, 7, 8, 9, 10, 11, 12, 14, and 15.

12. OTHER INTERIOR FEATURES

Roads were classified throughout in accordance with current instructions.

Alongshore and inshore buildings were classified in accordance with Project instructions.

There are two overhead cables crossing navigable water. One is at the north entrance to Pelican Bay on the east side of LaCosta Island (T-11399) and is for communication purposes. The vertical clearance above mean high-water is 25.7 feet. The other is a power line across the west entrance to Jug Creek at the west end of Bokeelia Island (T-11399). Its vertical clearance above mean high-water is 38.5 feet. Poles at the ends of the spans were marked on the photographs.

Bridge data [illegible] is shown by copy of letter to Corps of Engineers dated 12 January 1956.

13. GEOGRAPHIC NAMES

One new name, well established and without conflict in local usage is recommended.

CAPE HAZE

This name is for a real estate developement being conducted by Messrs. Alfred and William Vanderbilt and associates. It is far enough along and of sufficient proportion to eliminate conjecture as to its permanency. It falls in Survey T-11392.

No discrepancies were noted in charted names, although no systematic check was made.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Data relative to establishment of horizontal control were forwarded to the Tampa District Office at various times during 1955.

One (1) map of the Cape Haze development transmitted to Tampa 14 March 1955.

Respectfully submitted,

William H. Shearouse

William H. Shearouse
Cartographer

Approved and Forwarded:

J. E. Waugh

H. C. Applequist
Chief of Party

Tampa District Office
P O Box 190 Tampa Florida

12 January 1956

To: The Director
Coast and Geodetic Survey
Washington 25, D. C.

Subject: Bridge Clearance Data, Project 6146

Please be advised of a discrepancy in the vertical clearance of the railroad bridge across Gasparilla Sound at Latitude 26 degrees 48.9 minutes, Longitude 82 degrees 16.3 minutes. The vertical clearance published on nautical charts 474 and 1255 is 8 ft. This agrees with the Corps of Engineers, U. S. Army, List of Bridges Over Navigable Waters of the United States, revised to July 1,1941. However, the vertical clearance has been measured and remeasured and found to be 4 feet above mean high-water.

William A. Ransure, Supervisor

for H. C. Applequist
CDR. C&GS
District Officer

WARcvd

Tampa District Office
P O Box 190 Tampa Florida

12 January 1956

To: District Engineers
Corps of Engineers
Jacksonville, Florida.

Subject: Bridge Clearances

Please be advised that bridges over navigable waters in the area bounded by Latitude 26 degrees 37.5 minutes northward to latitude 26 degrees 52.5 minutes, Longitude 82 degrees 07.5 minutes westward to Longitude 82 degrees 22.5 minutes, and including the Myakka River bridges at El Jobean, have been measured (and checked where differences occur) with the following results:

	TYPE	BRIDGE BOOK (MCRIL) FEET	C&GS (MCRIL) FEET	BRIDGE BOOK ab.M.H.W. FEET	C&GS ABOVE M.H.W. FEET
GASPARILLA SOUND (North draw) (Placida)	R.R.Swing	N.Span 50 S.Span 50	N.Span 49.5 S.Span 49.2	Not Listed	4
GASPARILLA SOUND (South draw)	R.R.Swing	N.Span 50 S.Span 50	N.Span 49.5 S.Span 47.5*	6	4
KETTLE HARBOR	Fixed	Not Listed	13.0	Not Listed	7
BOCA GRANDE CANAL	Fixed Foot	Not Listed	27.0	Not Listed	14
BOCA GRANDE CANAL	Fixed	Not Listed	25.0	Not Listed	11
JUG CREEK(BOCA GRILLE)	Fixed	Not Listed	14.0	Not Listed	9.8
MYAKKA RIVER	Highway Swing	N.Span 40 S.Span 40	N.Span 40.0 S.Span 40.0	10	7.9
MYAKKA RIVER	R.R.Swing	N.Span 30 S.Span 30	N.Span 31 S.Span 31	6	3.5

* Difference caused by fender guard extending 2 feet into channel.

William A. Basure for
H. C. Applequist, CDR. C&GS.
DISTRICT OFFICER

PHOTOGRAMMETRIC PLOT REPORT

21. AREA COVERED

Photogrammetric Plot No.1 of Project 27310, West Coast of Florida, was for the nineteen northern surveys T-11384 through T-11400, and T-11402 and T-11403. This plot joins T-11090 of Ph-100(52) on the north.

The sketch on page 17 of this report shows the arrangement of the surveys, the positions of the photographs and identified control, the adjoining survey of Ph-100(52) and the adjoining surveys of the next plot for this project. The two surveys SO-1856 and SO-1956, shown with broken lines, are boat sheets for the SHIP SOSBEE, for which this plot was extended beyond the limits of T-11386, T-11387 and T-11388 to the limits of photographic coverage.

The field work and plot was scheduled and run for the convenience of the SHIP SOSBEE which accounts for the order of the work.

22. METHOD

Radial Plot:

Map Manuscripts:-- The map manuscripts are 3'45" in latitude and 7'30" in longitude at 1:10,000 scale on vinylite. The 5,000 foot intervals of the Florida West Mercator Grid are shown.

The plot was run on joined map manuscripts.

Photographs:-- Nine-lens photographs, series 42800 and 42900 flown on 1 December 1953 at 1:10,000 scale were used.

Templets: -- Vinylite templets were made from all the photographs. The "1953 Master Templet for photographs from 40261 through 43156" was used to correct for paper distortion and transforming errors.

Closure and Adjustment to Control: -- The plot was run in sections as the control identification was received, from February 1955 to July 1956.

The plot was developed conventionally and with some slight adjustments all the control was held excepting SAP, 1934 on T-11391, circled in red on the accompanying sketch.

COPY

Tampa District Office
P. O. Box 190 Tampa Florida

23 April 1956

To: Chief, Photogrammetry Division
Coast and Geodetic Survey
Washington, D. C.

Subject: Triangulation Station SAP, 1943 (Florida, in Project 6146)

The subject station was identified by the substitute station method and classified positive after a direct identification "Doubtful" in identification could not be held. The new identification also refused to hold and the photogrammetric plot position was in the same direction and by the same distance as the original identification, about 0.6 mm.(6 meters) and 20° in azimuth of the geographic position.

SAP, 1943 is a "no check" intersection station located from CHARLOTTE HARBOR LIGHT 2, 1943 and HALFWAY 1934. It is noted that the direction of the plot position from the field position is about the same as that from SAP, 1943 to CHARLOTTE HARBOR LIGHT 2, 1943.

/s/

N. C. Applequist
Comdr. C&GS
District Officer

MPS:meo

DEPARTMENT OF COMMERCE
U. S. Coast & Geodetic Survey
Washington 25

73-mk1

30 April 1956

To: CDR H. C. Applequist
Coast and Geodetic Survey
P. O. Box 190
Tampa, Florida

Subject: Triangulation Station SAP 1943 - Project 6146
Charlotte Harbor, Florida

The computations for SAP 1943 have been verified and found to be correct. Apparently the 1943 field observations from HALFWAY 1934 to SAP are in error.

If practicable, SAP should be relocated. Your radial plot verifies the original observations from CHARLOTTE HARBOR LT 2, 1943, as correct. Reobserve from HALFWAY 1934 and FIR 1943.

No additional work will be required if SAP 1943 is not required to control the radial plot and if the relocation procedures as outlined above exceed 3 party working days.

/s/ Robert W. Knox

Acting Director

COPY

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
Tampa District Office
P. O. Box 190 Tampa Florida

POST-OFFICE ADDRESS:

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

22 June 1956

COPY

To: The Director
Coast and Geodetic Survey
Washington D. C.

Subject: Triangulation Station SAP 1943

Reference: Letter dated 30 April 1956, 73-mkl

Enclosed herewith are the observations and computations for the location of triangulation station SAP, 1943, the original position of which was found in error during the photogrammetric plot of the area.

In the reference letter, it was suggested that the station be re-observed from HALFWAY 1934 and FIR 1943. FIR 1943 could not be found, so all stations in the triangle SAP 1943, HALFWAY 1934 and CHARLOTTE HARBOR LT.2, 1943 were observed. A triangle closure of 5.7 seconds was obtained.

Data on the establishment of reference marks at seven (7) other triangulation stations are also enclosed.

/s/

H. C. Applequist
CDR. C&GS
District Officer

HAR:evd
Encl.
cc: Chief, Photo Div.

When the direct identification of SAP,1934 did not hold a substitute station was identified and did not hold by the same distance, 0.6 mm (6 meters) and same direction. SAP,1934 was a "no check" position and its relocation was authorized by the Washington Office. The new position, if moved about 7 meters, was held on the plot. Relative correspondence is included in this report.

The plot was tight and good junction was made with T-11090 of Ph-100 (52).

23. ADEQUACY OF CONTROL

Control was adequate for the plot.

24. SUPPLEMENTAL DATA

None.

25. PHOTOGRAPHY

Photograph coverage was excellent. Contrast and definition were very good; and scale was slightly large.

None of the photographs were sufficiently tilted to justify computation.

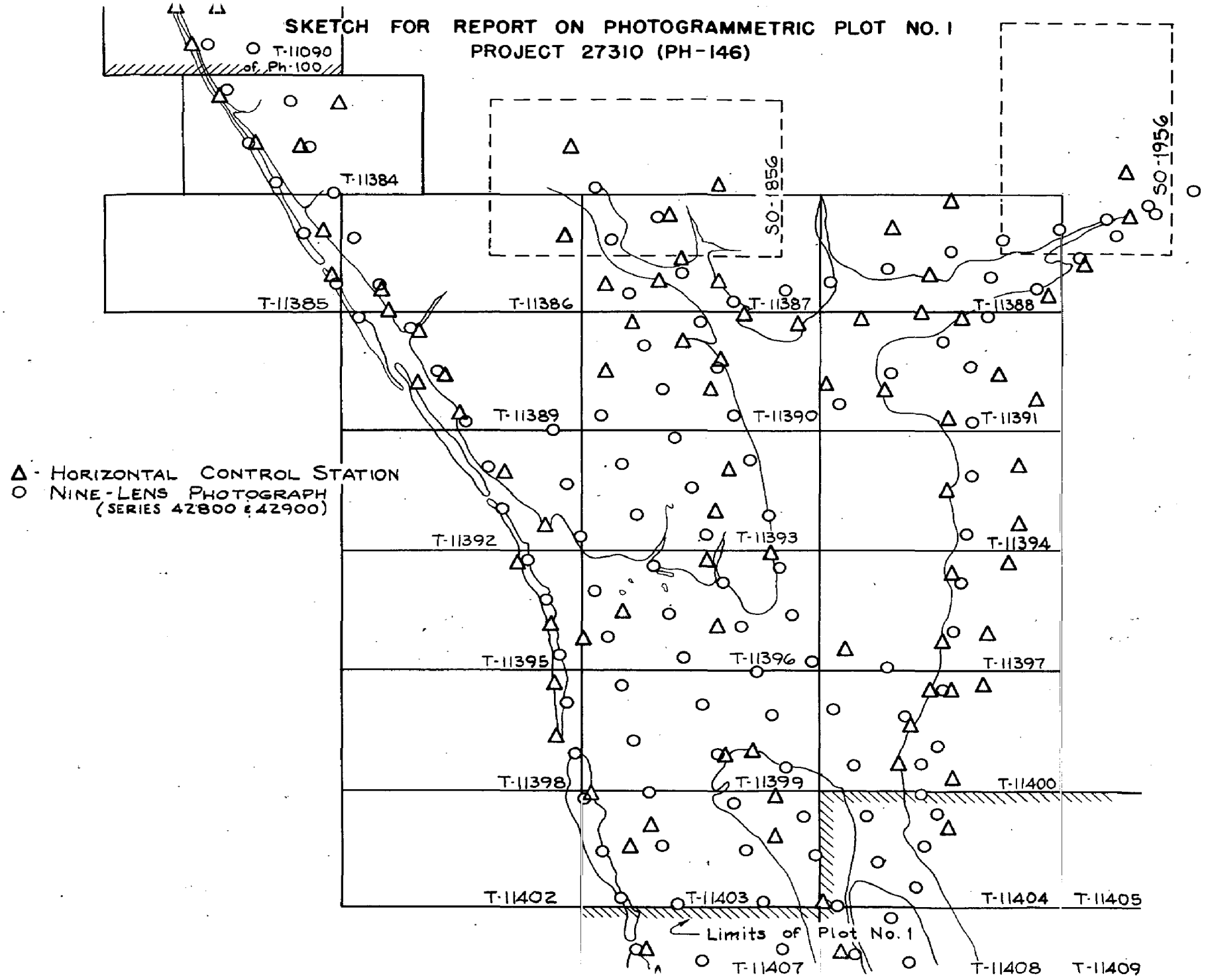
26. GENERAL

Dates of completion of the plot by surveys were:

T-11384	14 February 1955
T-11385 and T-11386	2 March 1955
T-11389 and T-11392	5 April 1955
T-11395	7 April 1955
T-11396	3 June 1955
T-11390 and T-11393	8 June 1955
T-11398 and T-11399	20 July 1955
T-11402	21 July 1955
T-11403	28 July 1955
T-11387	1 February 1956
T-11388	16 February L956
T-11391	6 March 1956
T-11394	18 April 1956
T-11397	19 April 1956
T-11400	20 April 1956

Respectfully Submitted
M. M. Slavney
M. M. Slavney
Cartographer

Approved and Forwarded
H. C. Applequist
Chief of Party


SKETCH FOR REPORT ON PHOTOGRAMMETRIC PLOT NO. 1
PROJECT 27310 (PH-146)
T-11090 of Ph-100
T-11384
SO-1856
SO-1956
T-11385
T-11386
T-11387
T-11388
T-11389
T-11390
T-11391
T-11392
T-11393
T-11394
T-11395
T-11396
T-11397
T-11398
T-11399
T-11400
T-11402
T-11403
T-11404
T-11405
T-11407
T-11408
T-11409
Limits of Plot No. 1
Δ - HORIZONTAL CONTROL STATION
○ NINE-LENS PHOTOGRAPH
(SERIES 42800 & 42900)

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT ...TROL RECORD

MAP T- 11396 PROJECT NO. Ph-146(54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
HUM, 1943	G.P's Pg 782	N.A. 1927	26 46 46.063			1417.7 (428.9)	
			82 13 39.873			1101.5 (556.0)	
SIN, 1943	"	"	26 45 51.964			1599.2 (247.4)	
			82 14 59.638			1647.7 (10.0)	
TT 39 JA USGS, 1952	Punta Gorda Quad Pg 23	"	26 48 31.50			969.5 (877.1)	
			82 11 18.02			497.7 (1159.4)	
HURRY, 1955	Fld Pos.	"	26 46 23.087			710.5 (1136.1)	
			82 11 04.218			116.5 (1541.1)	
CHARLOTTE HARBOR DAYBEACON 5, 1955	"	"	26 45 01.032			31.8 (1814.8)	
			82 08 31.587			872.8 (785.1)	
CAPE HAZE SHOAL DAYBEACON, 1955	"	"	26 45 44.216			1360.8 (485.8)	
			82 07 59.484			1643.5 (14.3)	

1 FT. = .3048006 METER

COMM-DC-57843

COMPUTED BY: R. E. Smith DATE 18 March 1955 CHECKED BY: R. J. Pate DATE 21 March 1955

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT
CONTROL RECORD

MAP T- 11384 PROJECT NO. Pb-146(54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
71 ERS TT	#524	N.A.	27 02 58.40			1797.4 (49.2)	
USGS, 1952	Venice Quad.	1927	82 22 41.37			1140.1 (513.4)	
62 ERS TT	#541	"	27 01 28.02			862.4 (984.3)	
USGS, 1952	" "		82 23 42.39			1168.5 (485.4)	
LBD U.S.E.D., 1938	USED	"	27 01 33.951			1044.9 (801.7)	
			82 25 18.017			496.6 (1157.3)	
LBL U.S.E.D., 1938	"	"	27 00 06.534			201.1 (1645.6)	
			82 24 22.771			627.8 (1026.4)	
LBM U.S.E.D., 1938	"	"	27 00 01.674			51.5 (1795.2)	
			82 24 05.712			157.5 (1496.8)	
LBH U.S.E.D, 1938	"	"	27 01 04.794			147.6 (1699.1)	
			82 24 58.812			1621.3 (32.7)	
LBG U.S.E.D., 1938	"	"	27 01 15.706			483.4 (1363.3)	
			82 24 58.446			1611.1 (42.8)	
LBE U.S.E.D., 1938	"	"	27 01 29.680			913.5 (933.2)	
			82 25 06.533			180.1 (1473.8)	
V-308+50.2			27 01 55.276			1701.3 (145.4)	
U.S.E.D., 1938	"	"	82 25 31.050			855.8 (797.9)	
LBF U.S.E.D., 1938	"	"	27 01 20.835			641.3 (1205.4)	
			82 25 09.760			269.0 (1384.9)	
V-285+00 U.S.E.D., 1938	"	"	27 02 16.494			507.7 (1339.0)	
			82 25 41.109			1133.0 (520.7)	
V-230+00 U.S.E.D., 1938	"	"	27 03 00.502			15.5 (1831.2)	
			82 26 16.682			459.7 (1193.8)	

1 FT. = .3048006 METER

COMPUTED BY: M. M. Slavney DATE 11 January 1955 CHECKED BY: R. J. Pate DATE 12 Jan. 1955

COMM-DC-57843

MAP T- 11384 PROJECT NO. Ph-146(54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
V-187480.3		N.A.	991,388.25	1,388.2 (3611.8)			
U.S.E., 1938	USED	1927	355,584.43	584.4 (4415.6)			
TT 40JA, 1952	Unadv.	"	27 00 36.84			1133.8 (712.8)	
(U.S.G.S.) 1955	Field Comp.		82 24 44.10			1215.8 (438.3)	
WEST BASE, 1938		"	27 00 37.14	Not plotted, too close to		1143.1 (703.5)	
(USE), 1955	"		82 24 42.58	other control		1173.9 (480.2)	
MANASOTA, 1955	"	"	27 00 36.499			1123.3 (723.3)	
			82 24 44.503			1227.0 (427.2)	
NOR, 1955	G.P.'s Pg 988	"	27 00 33.785			1039.8 (806.8)	
			82 24 44.047			1214.3 (439.8)	

1 FT. = .3048006 METER

COMPUTED BY: M. M. Slavney DATE 11 January 1955 CHECKED BY: R. J. Pate DATE 12 January 1955

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT
CONTROL RECORD

MAP T- 11385 PROJECT NO. Ph-146 (54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
TT 42JA USGS, 1952	Englewood Quad. #602	N.A. 1927	26 57 20.60 82 22 47.62			634.0 (1212.6) 1313.4 (341.5)	
TT 41JA USGS 1952	" #582	"	26 58 51.36 82 23 49.37			1580.7 (265.9) 1361.4 (293.1)	
EDL-9 USED, 1938	USED Photo-stat	"	26 59 56.077 82 24 22.509			1725.9 (120.7) 620.6 (1033.7)	
LBN USED, 1938	"	"	26 59 36.248 82 24 05.348			1115.6 (731.0) 147.5 (1506.9)	
LBR USED, 1938	"	"	26 58 29.972 82 23 21.332			922.4 (924.2) 588.3 (1066.3)	
LBQ USED, 1938	"	"	26 58 53.968 82 23 12.388			1661.0 (185.6) 341.6 (1312.9)	
LBT USED, 1938	"	"	26 57 56.116 82 22 52.247			1727.1 (119.5) 1440.9 (213.8)	
LBO USED, 1938	"	"	26 59 20.977 82 23 34.546			645.6 (1201.0) 952.6 (701.9)	
JOE, 1955	G.P.'s Pg 988	"	26 58 51.715 82 23 52.591			1591.6 (255.0) 1450.2 (204.3)	
DUG, 1955	"	"	26 57 18.937 82 22 48.963			582.8 (1263.8) 1350.5 (304.4)	

1 FT. = .3048006 METER

COMPUTED BY: M. M. Slavney DATE 17 January 1955 CHECKED BY: R. J. Pate DATE 17 January 1955

COMM-DC-57843

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT CONTROL RECORD

MAP T- 11386 PROJECT NO. Ph-146(54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
ENGLEWOOD, 1934	G.P.'s Pg 139	N.A. 1927	26 56 44.274			1362.6 (483.9)	
			82 21 13.642			376.3 (1278.8)	
LBS USED, 1938	USED Photostat	"	26 58 07.009			215.7 (1630.9)	
			82 22 26.512			731.2 (923.6)	
LBV USED, 1938	"	"	26 57 07.204			221.7 (1624.9)	
			82 22 26.812			739.6 (915.4)	
LOPEZ, 1879	G.P.'s Pg 219	"	26 56 41.27			1270.2 (576.4)	
			82 21 13.99			385.9 (1269.2)	
LBU USED, 1938	"	"	26 57 20.918			643.8 (1202.8)	
			82 21 50.102			1381.9 (273.0)	
TT 75ERS USGS 1952	Englewood Quad	"	26 58 40.28			1239.7 (606.9)	
			82 15 49.77			1372.5 (282.1)	
TT 74ERS USGS 1952	"	"	26 59 36.06			1109.8 (736.8)	
			82 18 00.62			17.1 (1637.2)	

1 FT. = .3048006 METER

COMM-DC-57843

COMPUTED BY: M. M. Slavney DATE 19 January 1955 CHECKED BY: R. J. Pate DATE 19 January 1955

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T- 11387 PROJECT NO. Ph-146(54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
MO RP-1, USE 1938	Comp.	N.A. 1927	26 57 06.079			187.1 (1659.5)	
			82 10 50.194			1384.5 (270.5)	
ML, USE 1938	Photo.	"	26 57 14.422			443.8 (1402.8)	
			82 12 49.044			1352.7 (302.2)	
MM, USE 1938	"	"	26 57 45.987			1415.3 (431.3)	
			82 11 58.516			1613.9 (40.9)	
MURDOCK 1934	G.P.'s 140	"	27 00 00.578	North of sheet		17.8 (1828.8)	
			82 10 57.273			1579.1 (75.2)	
TT 34 JA USGS 1952	Venice Quad	"	26 59 17.88			550.3 (1296.3)	
			82 12 19.40			534.9 (1119.5)	
TT 76 ERS USGS 1952	"	"	26 57 23.65			727.9 (1118.7)	
			82 14 19.09			526.5 (1128.4)	
MI, USE 1938	Photo	"	26 57 41.826			1287.3 (559.3)	
			82 13 46.315			1277.4 (377.4)	
MJ, USE 1938	"	"	26 57 51.943			1598.6 (248.0)	
			82 13 11.918			328.7 (1326.1)	

1 FT. = .3048006 METER

COMPUTED BY: R. R. Wagner DATE 20 April 1955

CHECKED BY: R. J. Pate DATE 20 April 1955

COMM-DC-57843

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T- 11388 PROJECT NO. Ph-146(54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
AF 49 (F.G.S.) 1934	Charlotte Co. Pg. 2	N. A. 1927	949,858.49	4,858.49 (141.51)			
			497,374.63	2,374.63 (2625.37			
AF 50 (F.G.S.) 1934	"	"	953,248.58	3,248.58 (1,751.42)	East of Sheet		
			501,033.03	1,033.03 (3,966.97)			
TT 31 JA U.S.G.S. 1952	Punta Gorda Quad	"	26 57 37.59			1156.9 (689.7)	
			82 04 09.83			271.1 (1383.7)	
TT 32 JA U.S.G.S. 1952	"	"	26 58 48.28			1485.9 (360.7)	
			82 05 49.53			1365.8 (288.7)	
TT 82 ERS U.S.G.S. 1952	"	"	26 58 51.21			1576.1 (270.5)	
			82 03 49.95			1377.4 (277.1)	
AF 53 (F.G.S.) 1934	Charlotte Co. Pg. 2	"	963,998.58	3,998.58 (1001.42)	East of Sheet		
			510,067.05	67.05 (4932.95)			
AF 55 (F.G.S.) 1934	"	"	973,393.02	3,393.02 (1606.98)	East of Sheet		
			510,615.89	615.89 (4384.11)			
GIBN, 1934	G.3922 Pg. 401	"	27 00 23.178			713.3 (1133.3)	
			81 58 42.631			1175.3 (478.8)	
PUNTA GORDA LIGHT 2, 1956	Fld. Pos.	"	26 56 08.98				
			82 04 23.11				
HOTEL CLEVELAND, NORTH GABLE, 1909	Triang. W. Coast of Fla. Pg 18	N.A.	26 57 42.79	1316.9	-7.7	1309.2 (537.4)	
			81 59 43.86	1210.0	+1.8	1211.8 (443.1)	
GRASSY POINT, 1909	" Pg. 15	"	26 57 13.032	401.1 (1445.5)	-7.6	393.5 (1453.3)	
			82 05 43.755	1206.9 (448.1)	+1.8	1208.7 (446.3)	

1 FT. = .3048006 METER

COMPUTED BY: I.I.Saperstein DATE 30 Jan. 1956 CHECKED BY: M. M. Slavney DATE 1 Feb. 1956

COMM-DC-57843

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T- 11389 PROJECT NO. Ph-146(54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
TT 67ERS	Englewood Quad #654	N.A. 1927	26 55 37.88			1165.8 (680.8)	
USGS 1952			82 20 05.71			157.5 (1497.9)	
TT 68ERS	"	"	26 54 07.56			232.7 (1613.9)	
USGS 1952	#662		82 19 17.88			493.4 (1162.3)	
LBW, USED 1938	USED Photostat	"	26 56 04.747			146.1 (1700.5)	
			82 21 32.011			883.1 (772.2)	
EDL-12 USED 1938	"	"	26 56 06.291			193.6 (1653.0)	
			82 21 07.255			200.2 (1455.1)	
LBX USED 1938	"	"	26 55 32.103			988.0 (858.6)	
			82 21 04.039			111.4 (1544.0)	
LBY USED 1938	"	"	26 55 20.840			641.4 (1205.2)	
			82 20 32.182			887.9 (767.5)	
TT 43JA	Englewood Quad. #620	"	y = 941,612	1612 (3388)			
USGS 1952			x = 382,750	2750 (2250)			
LBAA USED 1938	USED Photostat	"	26 54 21.630			665.7 (1180.9)	
			82 19 50.888			1404.2 (251.4)	
LBAG USED 1938	"	"	26 52 51.124			1573.4 (273.2)	
	-	-	82 18 54.973			1517.3 (138.7)	
LBAE USED 1938	"	"	26 53 26.577			818.0 (1028.6)	
	-	-	82 19 09.677			267.1 (1388.8)	
LBAB USED 1938	"	"	26 54 09.502			292.4 (1554.2)	
	-	-	82 19 57.924			1598.4 (57.3)	
LBAC USED 1938	"	"	26 53 58.400			1797.4 (49.2)	
	-	-	82 19 33.295			918.7 (737.0)	

1 FT. = .3048006 METER

COMPUTED BY: R. J. Pate DATE 28 Jan. 1955 CHECKED BY: M. M. Slavney DATE 28 Jan. 1955

COMM-DC-57843

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T- 11389 PROJECT NO. Ph-146 (54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 · DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
LBAF USED 1938	USED Photostat	N.A. 1927	26 53 04.024			123.8 (1722.8)	
			82 19 25.063			691.7 (964.3)	
LBAH USED 1938	"	"	26 52 31.865			980.7 (865.9)	
			82 19 05.872			162.1 (1494.0)	
LBZ USED 1938	"	"	26 54 58.112			1788.5 (58.1)	
			82 20 44.405			1225.2 (430.3)	
LBAD USED 1938	"	"	26 53 48.463			1491.5 (355.1)	
			82 19 59.554			1643.5 (12.3)	
S.AXIS CUT CV-9 (AXIS CUT VH S.MON.) USED 1938	"	"		926,034.66		1034.66 (3965.34)	
				394,958.01		4958.01 (41.99)	
N.AXIS MON.CV-9 (AXIS CUT VH N.MON.) USED 1938	"	"		931,615.55		1615.55 (3384.45)	
				394,779.51		4779.51 (220.49)	
S.AXIS MON.CUT CV-10 (AXIS CUT VG) USED 1938	"	"	Show as topo sta. only: Pos. Not adj.	927,438.17		2438.17 (2561.83)	
				396,968.10		1968.10 (3031.90)	
TANK, PUNTA GORDA BEACH, 1955	Fld.Pos. SOSBEE 1/9/56		26 55 27.06			832.8 (1013.8)	
			82 21 36.45			1005.7 (649.7)	

1 FT. = 3048006 METER

COMPUTED BY: R. J. Pate DATE 28 Jan. 1955 CHECKED BY: M. M. Slavney DATE 28 Jan. 1955

COMM-DC-57843

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T- 11390 PROJECT NO. Ph-146(54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
MR RP-1 USE 1938	Photo Copy & Comp.	N.A. 1927	26 54 43.958			1352.9 (493.7)	
			82 10 42.681			1177.7 (477.9)	
TT 35 JA USGS 1952	Englewood Quad	"	26 55 12.89			396.7 (1449.9)	
			82 11 56.64			1562.9 (92.7)	
TT 36 JA USGS 1952	"	"	26 53 48.64			1497.0 (349.6)	
			82 11 01.55			42.8 (1613.0)	
BG 4 (USE,1935) USGS 1952	"	"	26 55 58.44			1798.6 (48.0)	
			82 13 24.47			675.1 (980.2)	
MQ USE 1938	Photo Copy	"	26 56 01.375			42.3 (1804.3)	
			82 10 00.872			24.0 (1631.2)	
MP USE 1938	Photo Copy (USE)	"	26 56 10.248	Station leaning, shown		315.4 (1531.2)	
			82 11 01.714	as topo.		47.3 (1607.9)	
LOCUST PT. 2 RM 2 1934	Comp.	"	26 55 49.95			1537.3 (309.3)	
			82 08 07.18			198.2 (1457.2)	

1 FT. = .3048006 METER

COMM-DC-57843

COMPUTED BY: R. R. Wagner DATE 22 Apr. 1955 CHECKED BY: R. J. Pate DATE 22 Apr. 1955

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY —

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-11391 PROJECT NO. Ph-146(54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
MANGROVE POINT LIGHT, 1956	Fld.Comp. Triang. Party	N.A. 1927	26 53 57.32			1764.1 (82.5)	
			82 07 14.73			406.5 (1249.2)	
PUNTA GORDA LIGHT 2, 1956	"	"	26 56 08.98			276.4 (1570.2)	
			82 04 23.11			637.5 (1017.7)	
PEACE RIVER ENTRANCE LT.,1956	"	"	26 55 52.32			1610.2 (236.4)	
			82 06 14.84			409.4 (1245.9)	
PUNTA GORDA 2, 1943	G.P's Pg 78a	"	26 53 32.350			995.6 (851.0)	
			82 05 32.568			898.8 (757.1)	
AF 41 (PGS) 1934	Charlotte County Pg. 1	"	933,305.1	3,305.1 (1694.9)			
			489,223.8	4,223.8 (776.2)			
TT 29JA USGS 1952	Punta Gorda Quad	"	26 53 01.56			38.0 (1798.6)	
			82 00 57.38			1583.7 (72.3)	
PUNTA GORDA MUN. TANK, 1934	G.P's 219	"	26 56 02.126			65.4 (1781.2)	
			82 02 55.491			1530.9 (124.4)	
COOPER, 1909 (Old)	Special Pub.#16 Fla.Tri.)	North Amer.	26 55 33.297	Meters 1024.8 (821.8)	-7.8	1017.0 (829.6)	
			82 05 09.535	263.1 (1392.3)	+1.8	264.9 (1390.5)	
PUNTA GORDA,CHARLOTTE HARBOR HOTEL, base of flagpole 1934	G.P'S Pg.218	N.A. 1927	26 56 09.562			294.3 (1552.3)	
			82 03 05.176			142.8 (1512.5)	
SAP, 1943	Fld. Comp.	"	26 52 46.488			1430.7 (415.9)	
			82 03 39.396			1087.4 (568.7)	
PUNTA GORDA WEATHER BUREAU POLE 1909	S.P. #16	N.A.	26 56 08.064	248 (1599)	-8	240 (1607)	
			82 03 11.101	306 (1349)	+2	308 (1347)	
PUNTA GORDA ASTRONOMIC STATION 1909	"	"	26 56 09.436	290 (1557)	-8	282 (1565)	
			82 03 09.245	255 (1400)	+2	257 (1398)	

1 FT. = .3048006 METER

COMPUTED BY: I.I.Saperstein DATE 31 Jan. 1956 CHECKED BY: M.M.Slavney DATE 1 Feb.1956

COMM-DC-57843

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T- 11391 PROJECT NO. Ph-146(54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
GORDA 1934	G.P's 140	N.A. 1927	26 55 51.813 82 03 33.604			1594.6 (252.0) 927.1 (728.2)	
AF 47 (PGS) 1934	Charlotte County Pamphlet	"	945,165.01 487,142.99	165.01 (4834.99) 2,142.99 (2857.01)			
AF 46 (PGS) 1934	"	"	945,680.91 482,448.59	680.91 (4319.09) 2448.59 (2551.41)			
PUNTA GORDA PRESBYTERIAN CHURCH SPIRE, 1909	S.Pub. #16	North Amer.	26 56 00.642 82 03 14.777	20 (1827) 408 (1247)	-8 +2	12 (1835) 410 (1245)	
AF 40 (PGS) 1934	Charlotte County Pamphlet	N.A. 1927	929,955.3 492,110.4				
AF 42 (PGS) 1934	"	"	936,987.1 486,037.1				
AF 45 (PGS) 1934	"	"	943,891.20 483,974.39				

1 FT. = .3048006 METER

COMPUTED BY: R. R. Wagner DATE 11 July 1956 CHECKED BY: B. T. Ogilby DATE 11 July 1956

COMM-DC-57843

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT
CONTROL RECORD

MAP T- 11392 PROJECT NO. Ph-146(54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
TT 70 ERS USGS, 1952	Placida Quad #683	N.A. 1927	26 51 10.99 82 17 27.93	X		338.2 (1508.4) 771.1 (885.4)	
CENTER ON NORTH DRAW USED 1938	USE Photostat	"	26 49 31.735 82 16 03.820			976.7 (869.9 105.5 (1551.3)	
SECTION POST(CONCRETE) Pg.20 M.C.SEC.S 22 & 27 T 42S., R.20 E.1909	S.Pub #16	N.A.	26 49 06.86 82 16 58.20	211.0 (1635.6) 1607.2 (49.7)	-8 m. +2m.	203.0 (1643.6) 1609.2 (47.7)	
PLACIDA 2, 1934	G.P. Pg.139	N.A. 1927	26 49 54.219 82 15 57.745			1668.7 (177.9) 1594.5 (62.2)	
TT 69 ERS USGS, 1952	Englewood Quad. #673	"	26 52 27.35 82 18 33.99			841.8 (1004.8) 938.2 (717.9)	
GASPARILLA USED 1938	USED Photostat	"	26 50 47.077 82 17 36.955			1448.9 (397.7) 1020.3 (636.2)	
SOUTH BASE USED 1938	"	"	26 51 20.935 82 18 11.252			644.3 (1202.3) 310.6 (1345.8)	
1002 + 90 400' OFF-SET USED 1938	"	"	26 52 15.784 82 18 44.737			485.8 (1360.8) 1234.9 (421.3)	
1002 + 90 (100' OFF-SET) USED 1938	"	"	26 52 14.307 82 18 47.612			440.3 (1406.3) 1314.2 (342.0)	
N.AXIS MON.CUT CV-7 (AXIS CUT V.J.NORTH MON.) USED 1938	USED OZALID	"	916,287.19 400,485.47	1,287.2 (3712.8) 485.5 (4514.5)			
S.AXIS MON.CUT CV-8 (AXIS CUT V.J.SOUTH MON.) USED 1938	"	"	914,819.21 401,997.85	4,819.2 (180.8) 1,997.8 (3002.2)			
TALL, 1955	G.P's Pg.98	"	26 51 53.170 82 19 06.621			1636.4 (210.2) 182.8 (1473.4)	

1 FT. = .3048006 METER

COMPUTED BY: R.J.PATE & R.B.SMITH DATE 31 Jan. and 18 Mar.1955 CHECKED BY: M.M.Slavney & R.J.Pate DATE 21 Mar. 1955

COMM-DC-57843

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FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T- 11393 PROJECT NO. Ph-146(54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
TT 38 JA USGS 1952	Punta Gorda Quad Pg 22	N.A. 1927	26 49 53.66 82 10 53.34			1651.5 (195.1) 1472.8 (183.9)	
TT 37 JA USGS 1952	"	"	26 51 35.18 82 10 12.72			1082.7 (763.9) 351.1 (1305.2)	
HALFWAY, 1934	G.P's Pg.199	"	26 51 20.377 82 09 26.821			627.1 (1219.5) 740.4 (916.0)	

1 FT. = .3048006 METER

COMPUTED BY: R.J.Pate — 5 April 1955
CHECKED BY: M.M.Slavney — 22 Mar.1955

COMPUTED BY: R.J.Pate — DATE 22 Mar. 1955
CHECKED BY: R.A.Reece — DATE 5 Apr. 1955

COMM-DC-57843

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT
CONTROL RECORD

MAP T- 11394 PROJECT NO. Ph-146(54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
NAP, 1943	G.P's Pg 781	N.A. 1927	26 50 36.306			1,117.4 (729.2)	
			82 03 28.130			776.7 (879.9)	
TT 27 JA USGS 1952	Punta Gorda Quad.	"	26 49 37.89			1,166.1 (680.5)	
			82 01 17.61			486.3 (1170.5)	
TT 28 JA USGS 1952	"	"	26 51 38.08			1,172.0 (674.6)	
			82 01 25.77			711.4 (944.9)	
MEN, 1943	G.P's Pg 781	"	26 51 43.01			1,323.7 (522.9)	
			82 03 30.00			828.2 (828.1)	

1 FT. = .3048006 METER

COMPUTED BY: I.I.Saperstein DATE 21 Feb. 1956 CHECKED BY: R. J. Pate DATE 21 Feb. 1956

COMM-DC-57843

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T- 11395 PROJECT NO. Ph-146(54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
GASPARILLA 2, 1943	G.P's Pg 781	N.A. 1927	26 48 15.777 82 16 43.188			485.6 (1361.0) 1192.8 (464.3)	
BG 7 (USED) 1935, USGS, 1952	USGS Photostat Englewood Quad	"	26 46 36.08 82 15 57.91			1110.4 (736.2) 1599.8 (57.7)	
GASPARILLA PASS LIGHT 1, 1955	Fld Comp	"	26 48 04.731 82 17 17.153			145.6 (1701.0) 473.8 (1183.4)	
GASPARILLA SOUND LIGHT 13A, 1955	"	"	26 47 34.432 82 15 06.691			1059.7 (786.9) 184.8 (1472.5)	
BOCA GRANDE GASPARILLA INN W.T. TALLEST OF TWO, 1955	"	"	26 45 11.030 82 15 39.843			339.5 (1507.1) 1100.9 (557.0)	
BG 6 (USED), 1935 USGS, 1952	USGS Photostat Englewood Quad	"	26 48 09.32 82 16 31.10			286.8 (1559.8) 859.0 (798.2)	
TT 44 JA USGS, 1952	USGS Photostat	"	26 45 06.29 82 15 44.04			193.6 (1653.0) 1216.9 (441.0)	

1 FT. = .3048006 METER

COMM-DC-57843

COMPUTED BY: R. B. Smith DATE 18 March 1955 CHECKED BY: R. J. Pate DATE 21 March 1955 pp

FORM 168
(4-23-54)

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T- 11397 PROJECT NO. Ph-146(54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
CHARLOTTE HARBOR LIGHT 2, 1943	G.P's Pg 780	N.A. 1927	26 45 34.605			1065.0 (781.6)	
			82 06 38.810			1072.3 (585.5)	
LEO, 1943	"	"	26 45 44.526			1370.3 (476.2)	
			82 03 44.155			1220.0 (437.8)	
MOO, 1943	" Pg 781	"	26 47 56.903			1751.3 (95.3)	
			82 03 29.792			822.9 (834.3)	
C.A.A. LIGHT (AIRWAYS) 1943	" Pg. 782	"	26 48 17.057			525.0 (1321.7)	
			82 01 54.057			1493.0 (164.1)	
SANDY, 1934	" Pg. 140	"	26 46 08.259			254.2 (1592.4)	
			82 02 19.786			546.6 (1111.0)	
FISH, 1956	Fld. Comp.	"	26 48 06.52	Third order intersection station		200.7 (1646.0)	
			82 04 01.56			43.1 (1614.1)	
TT 26 JA USGS 1952	USGS Punta Gorda Quad	"	26 48 01.32			40.6 (1806.0)	
			82 02 13.90			383.9 (1273.3)	

1 FT. = .3048006 METER

COMPUTED BY: M. M. Slavney DATE 27 April 1955 CHECKED BY: R. J. Pate DATE 27 April 1955

COMM-DC-57843

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT CONTROL RECORD

MAP T. 11398 PROJECT NO. Ph-146(54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
BOCA GRANDE LIGHTHOUSE, 1934	G.P's Pg 200	N.A. 1927	26 44 29.982			922.7 (923.9)	
			82 15 49.079			1356.2 (301.8)	
SOUTH BOCA GRANDE LIGHTHOUSE, 1934	" Pg 219	"	26 43 01.084			33.4 (1813.2)	
			82 15 39.942			1104.0 (554.4)	
~~SOUTH~~ PORT BOCA GRANDE WATER RANK, 1955	Fld Comp	"	26 43 17.885			550.4 (1296.1)	
			82 15 44.992			1243.5 (414.8)	
BOCA GRANDE YACHT BASIN ENT. LIGHT 1, 1955	"	"	26 44 51.881			1596.7 (249.9)	
			82 15 05.050			139.5 (1518.4)	
BOCA GRANDE CHANNEL RANGE FRONT LIGHT, 1955	"	"	26 42 12.809			394.2 (1452.4)	
			82 17 39.340			1087.5 (571.1)	
CHARLOTTE HARBOR INNER CHANNEL ~~DIRECT. LIGHT, 1955~~	"	"	26 41 47.181			1452.0 (394.5)	
			82 18 15.448			427.1 (1231.6)	

1 FT. = .3048006 METER

COMPUTED BY: R. E. Smith DATE 23 March 1955 CHECKED BY: R. A. Reece DATE 23 March 1955

COMM-DC-57843

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT
CONTROL RECORD

MAP T- 11399 PROJECT NO. Pb-146(54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
PINE ISLAND SOUND LIGHT 37, 1955	Fld Comp	N.A. 1927	26 42 47.693			1467.8 (378.8)	
			82 10 48.432			1338.7 (319.8)	
CHARLOTTE HARBOR LIGHT 4, 1955	"	"	26 44 18.154			558.7 (1287.9)	
			82 10 02.433			67.2 (1590.9)	
BOKEELIA, 1934	G,P's Pg 140	"	26 42 19.363			595.9 (1250.7)	
			82 09 32.280			892.3 (766.3)	
JUG POINT, 1909	" Pg 200	"	26 42 13.435			413.5 (1433.1)	
			82 10 29.054			803.1 (855.4)	
LITTLE BOKEELIA ISLAND WATER TANK, 1955	Fld Comp	"	26 41 32.588			1002.9 (843.6)	
			82 10 50.749			1403.0 (255.8)	

1 FT = .3048006 METER

COMM-DC-57843

COMPUTED BY: M. M. Slavney DATE 2 June 1955 CHECKED BY: R. J. Pate DATE 2 June 1955

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T-11400 PROJECT NO. Ph-146(54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
LAG, 1943	G.P's Pg 782	N.A. 1927	26 43 19.831 82 04 37.896			610.3 (1236.2) 1047.4 (610.9)	
MOM, 1943	"	"	26 41 58.27 82 05 01.85			1793.3 (53.2) 51.1 (1607.5)	
OVA, 1943	"	"	26 44 26.315 82 04 03.962			809.9 (1036.7) 109.5 (1548.6)	
TT 111 ERS USGS 1952	Captiva Quad	"	26 41 35.96 82 03 21.45			1106.7 (739.9) 593.0 (1065.8)	
TT 112 ERS USGS 1952	"	"	26 43 08.12 82 03 19.91			249.9 (1596.7) 550.3 (1108.0)	
TT 113 ERS USGS 1952	"	"	26 44 36.69 82 02 22.57			1129.2 (717.4) 623.7 (1034.3)	

1 FT. = .3048006 METER

COMM-DC-57843

COMPUTED BY: I. I. Saperstein DATE 21 Feb. 1956

CHECKED BY: R.J.Pate DATE 23 Feb. 1956

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FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T- 11402 PROJECT NO. Ph-146(54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
COSTA, USE, 1945	USE Photostat	N.A. 1927	855,411.92	411.92 (4588.08)			
			416,050.13	1050.13 (3949.87)			

1 FT. = .3048006 METER

COMM-DC-57843

COMPUTED BY: DATE CHECKED BY: DATE

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T- 11403 PROJECT NO. Ph-146(54) SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
PINE ISLAND GRAHAM WILSON ESTATE, WHITE TANK, 1934	G.P's 220	N.A. 1927	26 39 39.643			1220.1 (626.5)	
			82 08 53.412			1477.0 (182.2)	
TT 82 JFS USGS 1952	USGS Photostat	"	26 40 50.46			1553.0 (293.6)	
			82 08 57.78			1597.6 (61.4)	
BROWN, 1860	S.P.16 Pg 14	U.S. Std.	26 39 37.281	1147.4 (699.2)	-9.5	1137.9 (708.7)	
			82 09 10.533	291.2 (1368.0)	+1.8	293.0 (1366.2)	
SPANISH, 1934	G.P's 199	N.A. 1927	26 41 00.923			28.4 (1818.2)	
			82 14 46.158			1276.2 (382.7)	
USEPPA IS. HOTEL TANK, 1934	G.P's 220	"	26 40 01.295	Destroyed but used in plot		39.9 (1806.7)	
			82 12 40.566			1121.7 (537.4)	
PALMETTO ISLAND TANK, 1955	Fld Triang. Pos.	"	26 39 20.302			624.8 (1221.7)	
			82 13 23.409			647.4 (1011.9)	
FISH HOUSE, 1955	Fld Comp	"	26 37 44.717			1376.2 (470.3)	
			82 11 30.254			836.9 (822.8)	

1 FT. = .3048006 METER

COMPUTED BY: M.M.Slavney DATE 13 June 1955 CHECKED BY: R. E. Smith DATE 13 June 1955

COMM-DC-57843

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COMPILATION REPORT T-11396

31. DELINEATION

The graphic method was used. The scale of the photographs was poor, photograph 42900 being the best.

The field inspection was adequate.

32. CONTROL

Reference Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

The entire area consists principally of mangrove islands and drainage features were negligible.

Contours inapplicable.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate. The low-water line and shallow areas have been delineated according to field inspection notes.

36. OFFSHORE DETAILS

Numerous offshore oyster reefs were delineated according to field inspection notes. Several buildings, building foundations and piles were indicated by the field inspector in Bull Bay. These have been delineated accordingly.

37. LANDMARKS AND AIDS

There are no landmarks. Form 567 for non-floating aids was submitted to the Washington Office under date of 11 February 1955.

38. CONTROL FOR FUTURE SURVEYS

Four(4) topographic stations are being submitted on Form 524. These topographic stations have been listed under Item No.49. One hundred and thirty three (133) photo-hydro stations with their descriptions are also listed under Item 49.

39. JUNCTIONS

A satisfactory junction has been secured with T-11393 on the northern limits, T-11399 on the southern limits, T-11397 on the eastern limits, and T-11395 on the western limits.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement required.

46. COMPARISON WITH EXISTING MAPS

A comparison was made with C&GS Planimetric Map No. T-5860 scale 1:10,000; compiled from aerial photograph of Dec. 1939 and supplemented by other surveys to July, 1943. No discrepancies were noted.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with Nautical Chart No. 474, scale 1:40,000 published July 1947 and corrected to 4 Jan. 1955.

The same comment contained in Item 46 applies.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

Attention is called to the following:
Daybeacon 5 (Charlotte Harbor Daybeacon 5, 1955) is plotted on both Nautical Chart No. 474 and 1255 approximately 800 ft. out of position according to the list of geographic positions for primary control. The position on the chart is south of Latitude 26°45', whereas the actual position is 31.8 meters north of this latitude. The position is correctly shown on this map manuscript.

ITEMS TO BE CARRIED FORWARD

None

Rudolph Dossett
Carto Photo Aid.

Approved and Forwarded:

H. C. Applequist
Chief of Party

48. GEOGRAPHIC NAME LIST

BULL BAY
BULL KEY

CAPE HAZE
CAPE HAZE BAYOU
CAPE HAZE REEF
CASH MOUND
CAYO PELAU
CHARLOTTE HARBOR

DEVILFISH

EAGLE NEST

FLORIDA

GALLAGHER KEYS

LITTLE CAPE HAZE

MOUND KEY

ROBERTS GAP

SANDFLY KEY

THREE SISTERS
THE CUTOFF
TURTLE BAY

WHIDDEN CREEK

A. J. Wright
Geog. Names Sec.

49. Notes for the Hydrographer:

The following is a list of 1133 photo-hydro stations (including one topographic station) and a description for each, and one section corner that falls along the shoreline:

9601 SW tip of mangrove on SE side of small cove in mangrove shoreline.
Marked note A Photo 42854

9602 Tiny mangrove bush about 100 ft. NE of round mangrove point.
Marked note A Photo 42854

9603 Southeasterly tip of small mangrove point. The limbs are just above water at high tide.
Marked note A Photo 42854

9604 S tip pf mangrove
Marked note A Photo 42854

9605 Center of small oyster bar on point.
Marked note A Photo 42854

9606 Center of clump of mangrove on oyster bar.
Marked note A Photo 42854

9607 South tip of round mangrove bush as per sketch.
Marked by lath with flag, only.Photo 42854

9608 Lone small mangrove clump about 20 ft. offshore from mangrove shoreline.
Marked note A Photo 42854

9609 Easterly edge of E of 2 mangrove clumps(small clump) about 15ft. off mangrove shoreline.
Marked note A Photo 42854

9610 Westerly tip of small group of mangrove bushes that form a sort of grass-in-water island. This bush is a darker green than others.
Marked note A Photo 42861

9611 SE tip pf narrow point of mangrove.
Marked note A Photo 42861

9612 SE tip of mangrove clump, which is about 20 ft. offshore.
Marked note A Photo 42861

9613 Center of small grass island which is near low water line and in a bunch of dead trees.
Marked note A Photo 42861

9614. Center of small cove, or indenture in shoreline of SEastLy side of small mangrove island.
Marked note A Photo 42861

9615. Tip of point of mangrove on east side of small mangrove island.
Marked note A Photo 42861

9616. Center of small oyster bar.
Marked note A Photo 42861

9617. Center of small oyster bar.
Marked with stake only. Photo 42861

9618. Seaward edge of mangrove bush which is at center of small oyster bar.
Marked by stake only. Photo 42861

9619. Seaward tip of mangrove limb which is the green growth at end of dead large limbs.
Marked by strip of cloth tied to limb.
Photo 42861

9620/ S tip of mangrove point and roots of some dead, fallen trees.

9621. Center of mangrove clump a few feet off mangrove shoreline.
Marked by strips of cloth tied to limbs but center of bush is point identified. Photo 42861

9622. SW tip of low mangrove clump.
Marked with strips of cloth tied to limbs.
Photo 42861

9623. SW tip of mangrove on east side of entrance to small cove.
Marked by strips of cloth tied to limbs.
Photo 42861

9624. Detached mangrove clump.
Marked by strips of cloth tied to limbs.
Photo 42861

9625. SW tip of mangrove.
Marked by lath with flag. Photo 42861

9626. Small mangrove bush in shallow cove.
Marked by stake only. Photo 42861

9627. N tip of mangrove, shoreline and on end of limb that sticks out farthest.
Marked by 3 strips of cloth tied to limbs.
Photo 42861

9628. Detached mangrove.
Marked by lath with flag. Photo 42861

9629. Small detached ,long shaped mangrove bush in small cove, in mangrove shoreline.
Marked by a stake only Photo 42861

9630. West tip of mangrove point.
Marked by three strips of cloth tied to limbs.
Photo 42861

9631. Southeasterly of 2 mangrove bushes in cove.
Marked by lath with flag.
Photo 42861

9632. Southwest tip of mangrove island.
Marked by 3 strips of cloth tied to limbs.
Photo 42861

9633. Center of S E point of mangrove island.
Marked by lath with flag.
Photo 42861

9634. Point of low mangrove on beach.
Marked by lath with flag. Photo 42861

9634A. Tip of mangrove that sticks farthest out into water on round of point.
Marked by strips of cloth tied to limbs.

9635. N E tip of mangrove point.
Marked by lath with flag. Photo 42861

9636. Most sewardly point of round point of mangrove.
Marked by lath with flag.

9637. W tip of mangrove point.
Marked note A. Photo 42861

9638. North tip of detached clump offNE point of island.
Marked note A. Photo 42853

9639. NW tip of low mangrove bush that makes off from mangrove shoreline.
Marked note A Photo 42853

9640. Small mangrove bush in mouth of small cove in mangrove shoreline.
Marked note A/ Photo 42853

9641. The second largest mangrove bush on oyster bar and the Southeasterly of the 2 large ones.
Marked note A. Photo 42853
(Note: A lath was noted some 40 ft. NW of station.)

9642. Mangrove bush about 20 ft. offshore.
Marked note A Photo 42852

9643. Lone mangrove bush on beach which is cluttered with dead trees.
Marked note A Photo 42852

9644. Mangrove bush just off NW end of larger mangrove clump.
Marked note A Photo 42852

9645. South tip of mangrove tree that sticks out into water farthest.
Marked by 4 strips of cloth tied to limbs.
Photo 42852

9646. Detached mangrove bush.
Marked note A Photo 42852

9647. Mangrove bush in small cove and a few meters from HUM,1943. flagged Photo 42852

9648. Small mangrove tree. Center pricked.
Marked by lath with flag. Photo 42852

9649. Lone mangrove bush on large oyster bar at N E end of island.
Marked note A Photo 42852
(Note: There are 2 or 3 other "Tee-niny" bushes on same bar)

9650. Center of largest mangrove bush on oyster reef.
Marked note A Photo 42853.

9651. Center of small oyster bar about 60 ft. from point.
Marked note A Photo 42862

9652. Center of small oyster bar, where it meets the mangrove bush on NE side of small cove in mangrove shoreline.
Marked note A. Photo 42853

9653. Southerly of 2 limbs on point.
Seaward tip.
Marked by strips of cloth tied to limbs. Photo 42853

9654. Center of small oyster bar, which is NW of 2/detached. and It is surrounded by white sand on bottom.
Marked note A Photo 42853

9655. E tip of mangrove limb hanging in water.
Marked note A. Photo 42862

9656. Seaward tip of mangrove on point.
Marked note A Photo 42862

9657. Westerly of 2 small mangrove bushed on oyster reef.
Marked note A Photo 42862

9658. Low, round mangrove bush in between large mangrove bushes and just north of one about 3 times its size, on oyster bar.
Marked note A Photo 42862

9659. NW gable of fish house. This part is cov ered with tin.
Photo 42862

9660. SE gable of fish house. This part is shingled.
Photo 42862

9661. N gable of tin-roofed fish house, unpainted and tin somewhat rusty. Photo 42862

9662. N gable of unpainted, tin-roofed fish house.
Photo 42862

9663. SW gable of red tar-papered roofed fish house.
Photo 42862

9664. West mangrove bush on oyster reef.
Marked note A Photo 42862

9665. West tip of mangrove point.
Marked by 3 strips of cloth tied to limbs.
Photo 42862

9666. Low mangrove limb which projects out into water farthest.
Marked by 4 strips of cloth tied to limbs.
Photo 42862

9667. S tip of overhanging mangrove limb.
Marked by strips of cloth tied to limbs.
Photo 42862

9668. Center of oyster bar.
Marked note A Photo 42862

9669. West tip of mangrove clump which is slightly detached and surrounded by oysters.

Marked note A Photo 42862

9670. Center of small oyster bar on S side of point.
Marked note A Photo 42862

9671. N tip of mangrove on point and at point where limbs of mangrove and oyster bar intersect.
Marked note A. Photo 42862

9672. Seaward end of mangrove limb which is in water. There appears to be dead mangrove limbs, behind station. It is surrounded by oysters.
Marked note A. Photo 42862

9673. Approximately center and just west of dark spoton oyster bar, which is about 30 ft. off point of mangrove.
Marked note A Photo 42862

9674. Seaward edge of mangrove limbs on point.
Marked by 4 strips of cloth tied to limbs.
Photo 42862

9675. Center of oyster bar near point of mangrove about 10 ft. off mangrove shoreline.
Marked note A Photo 42862

9676. Seaward tip of oyster bar on point.
Marked note A Photo 42862

9677. SE of 4 mangrove bushes on oyster bar. The lowest and about smallest bush.
Marked note A Photo 42862

9678. Center of West end of oyster bar.
Marked note A. Photo 42862

9679. N tip of mangrove point of Island.
Marked by 3 strips of cloth tied to limbs
Photo 42862

9680. Seaward tip of mangrove limbwhich sticks out into wate r and is about 100 ft. from point.
Marked by 3 strips of cloth tied to limb.
Photo 42862

9681. Seaward tip of mangrove limb.
(There's a "bed" of dead appearing roots on N side and at shore)
Marked by 3 strips of cloth tied to limb.
Photo 42862

9682. NE tip of low mangrove limb.
Marked note A. Photo 42862

9683. Northeasterly of 3 Mangrove bushes on oyster reef. The SE one appears to be dying.
Marked note A. Photo 42862

9684. N tip of mangrove clump.
Marked note A Photo 42862

9685. Tip of mangrove as per sketch.
Marked note A Photo 42862

9686. Center of N end of houseboat.
Caution: Check with owner "Mr. Beard" to see if it has been moved. Photo 42899

9687. Seaward tip of mangrove limbs.
Marked by strips of cloth tied to limb.
Photo 42899

9688. Center of NW end o f oyster bar.
Marked note A Photo 42862

9689. Low limb in gap in high mangrove.
Marked by strips of cloth tied to limb. Photo 42862

9690. Tip of point of mangrove.
Marked by strips of cloth tied to limbs.
Photo 42862

9691. DAB,(1943) 1955
Flagged.
(Located by theodolite cuts.)

9692. Center of amngrove bush about 6x9 ft. and 10ft. NE of large mangrove clump, on NE side of point and about 15 ft. N. of large trunked,mangrove tree.
Marked note A Photo 42900

9693. The lower part of the mangrove limbs on the point.
Marked by strips of cloth tied to limb.
Photo 42900

9694. Seaward end of dead mangrove limb.
Marked by strips of cloth tied to limb.
Photo 42900

9695. Center of mangrove tree in opening in mangrove shoreline. This is a fishermans camp and there is a small shack about 50 ft. west of station tree.
Not flagged. Photo 42900

9696. Point of mangrove on NW side of tiny cove in mangrove shoreline.
Marked noteA Photo 42900

9697. Point of mangrove.
Marked note A Photo 42900

9698. Yellow sand spot on bottom, surrounded by grass on bottom in about 2 ft. of water, and approximately 80 ft. off mangrove shoreline.
Marked by 2 laths with flags. Photo 42900

9699. NW tip pf low hanging mangrove limbs.
Marked note A Photo 42900

96100. SW tip of mangrove tree on N side of covein mangrove shoreline, just to NE along shore.
Marked note A Photo 42900

96101 NW tip of oyster and shell reef.

96102. Center of small oyster bar.
Marked by lath with flag only
Photo 42900

96103. Tip of low-hanging mangrove limb on point.
Marked by lath and strip of cloth tied to limb.
Photo 42900

96104. Tip of mangrove.
Marked by lath Photo 42899

96105. Yellow looking mangrove bush on beach.
Marked note A Photo 42899

96106. Center of mangrove point.
Marked by lath. Photo 42899

96107. Small mangrove bush in slight cove in mangrove shoreline,
Marked by lath with flag. Photo 42853

96108. Center of round oyster bar.
Marked note A Photo 42853

96109. Center of small oyster bar at SE tip of small mangrove island. In small V in mangrove.
Marked note A. Photo 42853

96110. Seaward tip of Pale green limb in slight cove.
Marked note A Photo 42853.

96111. West tip of mangrove at most westerly point of mangrove island.
Marked by strips of cloth tied to limbs.
Photo 42852

96112. Center of 8'x12' mangrove.
Marked note A Photo 42852

96113. Center of oval-shaped oyster bar which is westerly of 3, the easterly one having a large mangrove bush on it.
Marked note A Photo 42852

96114. Seaward tip of pale green, rather scraggly mangrove tree.
Marked note A Photo 42862

96115. Mangrove bush-West of large mangrove bush.
Marked note A

96116. Pile(Private Aid) approximately $\frac{1}{2}$ mile off shore.
(Located by theodolite cuts. See back pages of this Vol.)

96117. Pile, on east side of channel.

96118. Short pile, on west side of channel.
(See theodolite cuts in back of this Vol.)

96119. SIN, 1943.
Flagged.

96120. Seaward tip of mangrove bush which is mostly roots, about 1/3 way north along small island.
Marked note A. Photo 42852

Section Corner 34 AMC T42S R21E

Note A : Lath with small signal cloth flag attached to its top and a 1"x2" stake-nearby. The lath usually projects about 3 ft.; the stake 1. Both have U.S.Government on their sides.

96121 Seaward tip of low hanging mangrove limb on large mangrove clump which is at east end of long shell beach.
Note A Photo 42899

96122 Tiny point of mangrove at east end of beach and on large point.
Note A Photo 42922

96123 Point of mangrove on north side of entrance to bay.
Note A Photo 42922

96124 Point of mangrove limb that projects a few feet seaward.
Note A Photo 42922

96125 Point of mangrove.
Note A Photo 42922

96126 Low limbs on point of mangrove
Note A Photo 42922

96127 Mangrove limb on SW side of small V in mangrove shoreline.
Note A Photo 42922

96128 Low-hanging mangrove limb which makes tiny point along mangrove shoreline.
Note A Photo 42921

96129 Mangrove limb that makes tiny point.
Note A Photo 42921

96130 NE tip of mangrove tree.
Note A Photo 42921

96131 Point of low hanging mangrove
Note A Photo 42921

96132 Small mangrove bush on oyster bar in cove and at N side of entrance to small stream.
Note A Photo 42921
Note to hydrographer: △ DREW 1943 is destroyed but the base of broken off monument is still in position and should be used to build signal on.
Marked Note A Topo station FERN, 1955 replaces DREW 1943.

96133 A 2x2 inch stake braced by 2, 1x4's, set on a shoal a 1000 ft. or more offshore. The stake projects about 5 ft. above bottom and the shoal has a foot of water on it at MLW.
Located by theodolite fix which is in back of this book.

FERN 1955
HAZE 1955

FORM 182
(6-12-56)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

50

PHOTOGRAMMETRIC OFFICE REVIEW

T- 11396

1. Projection and grids W.H.S 2. Title W.H.S. 3. Manuscript numbers W.H.S. 4. Manuscript size W.H.S
unclassified
4a. Classification label

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) W.H.S. 7. Photo hydro stations W.H.S. 8. Bench marks XX
9. Plotting of sextant fixes W.H.S. 10. Photogrammetric plot report W.H.S 11. Detail points W.H.S

ALONGSHORE AREAS
(Nautical Chart Data)

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

PHYSICAL FEATURES

20. Water features W.H.S 21. Natural ground cover W.H.S 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 W.H.S. 28. Buildings W.H.S. 29. Railroads XX 30. Other cultural features XX

BOUNDARIES

31. Boundary lines XX 32. Public land lines XX

MISCELLANEOUS

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

40. William H. Shearouse — William A. Rasure
Wm. H. Shearouse 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:

COMM-DC 34529

TIDE CO[hole]PUTATION

PROJECT NO. Ph-146 T-11396

Spg 1.6

Time and date of exposure Dec 1, 1953 1344 Reference station Tampa Bay Mean range 1.2

Date of field inspection Dec 1955 Subordinate station Mean of Port Boca Grande & Punta Gorda Charlotte Harbor Ratio of ranges 0.8

	Time h.	Time m.
High tide	10	44
Low tide	14	51
Duration of rise or fall	4	07

	Height feet	Height x Ratio of ranges
High tide	1.0	0.8
Low tide	-0.8	0.6
Range of tide		0.2

	Time h.	Time m.
High tide at Ref. Sta.	11	41
Time difference	-0	57
Corrected time at Subordinate station	10	44

	Time h.	Time m.
Low tide at Ref. Sta.	15	48
Time difference	-0	57
Corrected time at Subordinate station	14	51

	h. m.		feet		feet	Photo. No.
Time ~~H. T.~~ or L. T. Required time Interval	14 51 13 44 1 07	Ht. ~~H. T.~~ or L. T. Tabular correction Stage of tide above MLW	0.6 0.0 0.6	Feature bares Stage of tide above MLW Feature above MLW		~~[illegible]~~ 42900
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		

M-2617-12

Computed by R. Dorsell Checked by E.H.O.

Review Report
Shoreline Maps
T-11395 thru T-11400
March 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-5859	1:10,000	1944
T-5860	1:10,000	1944
T-5861	1:10,000	1944
T-5862	1:10,000	1944
T-5873	1:10,000	1944
T-5874	1:10,000	1944
T-5875	1:10,000	1944

There are cultural and shoreline changes due to the differences in the time interval. T-11395 thru T-11400 are to supersede the above surveys of common area.

63. Comparison with Maps of Other Agencies

Placida	1:24,000	1957
Punta Gorda SW	1:24,000	1957
Punta Gorda SE	1:24,000	1956
Port Boca Grande	1:24,000	1958
Bokeelia	1:24,000	1958
Matlacha	1:24,000	1958

There are no significant differences.

64. Comparison with Contemporary Hydrographic Surveys

H-8193	1:10,000	1956
H-8194	1:10,000	1957
H-8195	1:10,000	1960
H-8196	1:20,000	1959
H-8358	1:10,000	1957
H-8361	1:10,000	1959

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

856 SC	1:40,000	1964
857 SC	1:40,000	1964
1255	1:80,000	1962 revised to 1963

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 required accuracy for nautical charting.

Reviewed by:

L. C. Lande

Approved by:

Chief, Photogrammetric Branch

Chief, Nautical Chart Division

for Chief, Photogrammetry Division

FORM C&GS-8352
(3-25-63)

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-11396

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

CHART	DATE	CARTOGRAPHER	REMARKS
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
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