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</tr>
<tr>
<td>Office No.</td>
<td>T-11390</td>
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<td>State</td>
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<td>Gulf Coast</td>
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<td>Locality</td>
<td>Myakka River Entrance</td>
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<tr>
<td>Date</td>
<td>February 1965</td>
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<tr>
<td>Chief of Party</td>
<td>H.C. Applequist, Tampa Photo. Office</td>
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**Locality**

**Date**

1953-58
DESCRIPTIVE REPORT - DATA RECORD

T - 11390

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

Field Office (II): Punta Gorda, Florida  Chief of Party: H. C. Applequist
Photogrammetric Office (III): Tampa, Florida  Officer-In-Charge: H. C. Applequist
Instructions dated (II) (III): 2 July 1954
Amendment #1 9 Nov. 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): 5 May 1959

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): MNN

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.

Latitude: 26°53'48.64" (1497.0 m.)  Longitude: 82°11'01.55" (42.8 m.)

Adjusted

Plane Coordinates (IV):

State: Zone:

Y= X=

Adjusted

Datum except as follows:
Elevations shown as (2) refer to mean high water
Elevations shown as (3) refer to sounding datum
i.e., mean low water or mean lower low water
Areas contoured by various personnel
(Show name within area)
(II) (III)
DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): W. H. Sheareuse  
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): December 1955  
Air Photo Compilation

Projection and Grids ruled by (IV): Austin Riley (W.O.)  
Date: 10 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 Apr. 1955

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

Radial Plot

Observations by (III): M. M. Slavney  
Date: 8 June 1955

Planimetry

Stereoscopic Instrument compilation (III): Inapplicable  
Contours

Manuscript delineated by (III): W. H. Sheareuse  
Date: April 1956

Photogrammetric Office Review by (III): R. R. Wagner  
Date: April 1956

Elevations on Manuscript checked by (II) (III): Inapplicable  
Date:
Camera (kind or source) (III): C&GS Nine-lens

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<thead>
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<td>42918</td>
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<td>1359</td>
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Tide (III)

From Predicted Tides

<table>
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<tr>
<th>Reference Station:</th>
<th>Ratio of Ranges</th>
<th>Mean Range</th>
<th>Spring Range</th>
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</thead>
<tbody>
<tr>
<td>TAMPA BAY</td>
<td>1.4</td>
<td>1.9</td>
<td></td>
</tr>
<tr>
<td>PUNTA GORDA</td>
<td>0.9</td>
<td>1.3</td>
<td>1.7</td>
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</table>

Washington Office Review by (IV):

Final Drafting by (IV):

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 22
Shoreline (More than 200 meters to opposite shore) (III): 10

Number of Triangulation Stations searched for (II): 8  Recovered: 6  Identified: 6
Number of BMs searched for (II): None
Number of Recoverable Photo Stations established (III): 1
Number of Temporary Photo Hydro Stations established (III): 31

Remarks:
THE FIELD INSPECTION REPORT

IS SUBMITTED WITH T-113%
PHOTOMETRIC PLOT REPORT

Submitted with T-11396.

31. DELINEATION.

The graphic method was used. Scale of the photographs was reasonably good. Coverage was adequate except in the area of MOUNT ISLAND - approximate latitude 26°55.5', longitude 82°09.0' - where details had to be taken from the wings. This area, however, is believed to be well within accuracy requirements.

Field inspection was satisfactory.

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.

Tides flood the dense mangrove swamp which is about one-half mile deep along the shore, and extreme high water inundates a strip of demudied, flat, sandy land which parallels the inshore edge of the mangrove. This strip averages about 1500 feet wide and apparently refuses to grow any vegetation except a scattering of scrub mangrove. It has been shown with sand stipple with a note that it floods at extreme high water.

There is no distinct drainage pattern inland. The numerous ponds and intermittent ponds overflow during the rainy season and the run-off areas appear marshy and wet looking on the photographs. To give them proper emphasis the marsh symbol has been used freely.

35. SHORELINE AND ALONGSHORE DETAILS.

Practically all the shoreline is apparent, being limits of mangrove.

Field inspection was adequate for delineation of shoreline features and interpretation of shoal and low-water limits.
36. **OFFSHORE DETAILS.**

None except shoal and low-water lines mentioned above.

37. **LANDMARKS AND AIDS.**

There are no landmarks.

*MYAKKA RIVER DAYBEACON 9 was reported on Form 567 to the Washington Office on 3 August 1956.*

38. **CONTROL FOR FUTURE SURVEYS.**

*Form 524 for recoverable topographic station ANDY, 1955, along with descriptions of thirty-one (31) photo-hydro stations have been prepared and sent to the Ship SSB66. They are listed under Item 49.*

39. **JUNCTIONS.**

Junction details are in agreement with T-11387 to the north; T-11389 to the west; and T-11393 to the south. There is water only at the east where it junctions with T-11391.

40. **HORIZONTAL AND VERTICAL ACCURACY.**

No statement.

46. **COMPARISON WITH EXISTING MAPS.**

Comparison was made with C&GS Planimetric Maps T-3858 and T-3879, scale 1:10,000, dated 1943. No significant differences were noted.
47. **COMPARISON WITH NAUTICAL CHARTS.**

Comparison was made with C&GS Chart No. 1255, Scale 1:80,000 (1st edition) corrected to the 14th of March 1953. Evidently most of the topographic features of the chart were taken from the planimetric maps listed under Item 46. The comparison, therefore, reveals only minor differences.

**ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY.**

None.

**ITEMS TO BE CARRIED FORWARD.**

None.

---

William H. Sheareuse  
Carto Photo Aid

---

**APPROVED AND FORWARDED**

H. C. Applequist, Chief of Party

---

**ADDENDUM TO COMPILATION REPORT T-11390**

Comparison of shoreline was made with single-lens photographs 58-S-1459 & 58-S-1651 thru 1655 11/4/1958, taken 21 October 1958. Minor differences noted were corrected in red ink on the compilation manuscript and applied to the ADVANCE MANUSCRIPT (VAN DYKE) which had already been made.

Tampa, Florida  
10 April 1959
43. **GEOGRAPHIC NAME LIST.**

Following are base map names:

**BLIND CREEK**

**CATTLE DOCK POINT**
**CHARLOTTE BEACH**
**CHARLOTTE HARBOR**

**FLORIDA**

**HOG ISLAND**

**LOCUST POINT**

**MANGROVE POINT**
**MUD LAKE**
**MIAKKA CUTOFF**
**MIAKKA RIVER**

**SEABOARD AIR LINE RAILROAD**
**SHEEPSHEAD CREEK**
**SHOAL POINT**
**STATE 771**
**STATE 776**

**TROUT CREEK**

A. J. WRIGHT

Geog. Names Sec.
## TIDE COMPUTATION

**PROJECT NO. Ph-6144 T. 11390**

<table>
<thead>
<tr>
<th>Time and date of exposure</th>
<th>1350</th>
<th>12-1-53</th>
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<td>Date of field-inspection</td>
<td>12-1-53</td>
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</table>

**Reference station:** TAMPA BAY

**Subordinate station:** Proportion between St. Johns River, Charlotte Harbor

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<th>Height</th>
<th>Height x Ratio of ranges</th>
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</thead>
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<td>High tide</td>
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<tr>
<td>Low tide</td>
<td>0.8</td>
<td>0.7</td>
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</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Time difference</th>
<th>Corrected time at Subordinate station</th>
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<table>
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<th>Tabular correction</th>
<th>Stage of tide above MLW</th>
<th>Feature bares</th>
<th>Stage of tide above MLW</th>
<th>Feature above MLW</th>
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<td>-0.1</td>
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<td>Feature bares</td>
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<tr>
<td>Interval</td>
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<td>Feature bares</td>
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<td>Feature bares</td>
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</table>

**Mean range:** 1.45 ft

**Ratio of ranges:** 0.9

Computed by: W.H.S

Checked by: H.S.
PHOTOGRAMMETRIC OFFICE REVIEW

T. 11390


CONTROL STATIONS


ALONGSHORE AREAS

(Nautical Chart Data)


PHYSICAL FEATURES


CULTURAL FEATURES


BOUNDARIES

31. Boundary lines XX 32. Public land lines XX

MISCELLANEOUS


40. ROBERT R. WEGER

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
49. Note to the Hydrographer:
The following is a list of 31 photo-hydro stations with a description
for each. NOTE: Δ MP is turned over but is good to build hydro signal
at. Two stakes were driven by it.

9001 Seaward tip of mangrove bush which projects about 20 ft. offshore.
   Note A Photo 42967

9002 Point of mangrove
   Marked Note A Photo 42966

9003 Mangrove limb that projects about 10 ft. offshore from mangrove
   shoreline.
   Note A Photo 42966

9004 Tip of mangrove point.
   Note A Photo 42966

9005 Center of mangrove clump on oyster bar.
   Note A Photo 42966

9006 10 ft. tall mangrove with roots hanging down to water and which
   makes a small point on larger point.
   Note A Photo 42966

9007 Mangrove limb which extends seaward several feet.
   Marked by stake with flag.

9008 Tip of low-hanging mangrove limb.
   Note A Photo 42917

9009 Mangrove bush
   Note A Photo 42917

9010 Tip of low mangrove bush about 50 ft. from point.
   Note A Photo 42917

9011 NW or inshore, point of marsh islet.
   Note A Photo 42917

9012 West tip of mangrove point
   Note A Photo 42966

9013 Point of mangrove
   Note A Photo 42966

9014 Small mangrove tree about center of opening in shoreline.
   Marked Note A Photo 42966

9015 Point of mangrove tree
   Note A Photo 42966

9016 Center of mangrove bush which is just E of fallen/tree.
   Note A Photo 42916
9017  Seaward end of overturned mangrove tree; the roots.
       Note A  Photo 42916

9018  Lone mangrove tree, approximately 20 ft. tall and surrounded by
       roots with clusters of oysters attached.
       Note A  Photo 42916

9019  Center of small sand spot which is awash at MLW and sparsely covered
       with grass.
       Note A  Photo 42917

9020  Seaward tip of 10ft. tall mangrove limb which rises above water and
       is on round point.
       Note A  Photo 42917

9021  Center of round grass in water spot at south side of entrance to small
       creek and on a sand bar which uncovers at low water.

9023  A 2x2 stake on shoal projecting about 5 ft. and supported by 2, 1x1's
       at angle.  (located by tideodolite fix)
       A Form 51 U S Property Notice is attached to stake.

9024  A 2x2 stake projecting about 5 ft. and located on bar at mouth of creek.
       It is supported by 2, 1x1's driven into bottom and nailed to stake, "U S
       Govt" is keeled on several places.  (located by angle and distance.  See back
       of this book)

9025  A 2x2 stake projecting about 5 ft., supported and labelled as 9024
       above.

9026  E part of point. A mangrove limb that extends seaward and makes a tiny
       point.
       Note A  Photo 42966

9027  South part of point of mangrove.
       Note A  Photo 42966

9028  Small point of mangrove on SE part of larger point.
       Note A  Photo 42966

9029  Mangrove point on north side of small cove and about 50 ft. NE of larger
       point.  Stake with flag.

9030  Point of mangrove roots
       Note A  Photo 42966

9031  Point of mangrove limbs which are about 4 ft. above water.
       Note A  Photo 42966

Topographic Station ANDY, 1955
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

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<td>T-5860</td>
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<tr>
<td>T-5876</td>
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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

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<th>Agency</th>
<th>Scale</th>
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<td>El Jobean</td>
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<td>Punta Gorda</td>
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<tr>
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<td>Punta Gorda SW</td>
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<td>Placida</td>
<td>1:24,000</td>
<td>1957</td>
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There are cultural and shoreline changes but, in general the agreement is good.

64. Comparison with Contemporary Hydrographic Surveys

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<td>H-8193</td>
<td>1:10,000</td>
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<td>H-8357</td>
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<tr>
<td>H-8360</td>
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</table>
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:

![Signature]

L. C. Lande

Approved by:

![Signature]

Chief, Photogrammetric Branch

Chief, Nautical Chart Division

![Signature]

for Chief, Photogrammetry Division
**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.

<table>
<thead>
<tr>
<th>CHART</th>
<th>DATE</th>
<th>CARTOGRAPHER</th>
<th>REMARKS</th>
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