# DESCRIBTIVE REPORT

Type of Survey: **SHORELINE**

Field No.: **Ph-171**  
Office No.: **T-10566**

## LOCALITY

State: **FLORIDA**

General locality: **TAMPA BAY**

Locality: **BCMONT KEY**

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**19-58**

CHIEF OF PARTY

**Arthur L. Wardwell, Tampa Photo, Office**

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LIBRARY & ARCHIVES

**MAY 25, 1960**

DATE

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T = 10566

Project No. (II): Ph-171

Quadrangle Name (IV):

Field Office (II): Tampa District Office
Photogrammetric Office (III): Tampa, Fla.
Instructions dated (II) (III): 8 May 1957

Chief of Party: Arthur L. Wardwell
Officer-in-Charge: Arthur L. Wardwell
Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000
Stereoscopic Plotting Instrument Scale (III): Inapplicable

Scale Factor (III): None

Date received in Washington Office (IV): Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date: Date registered (IV): 12 Feb 1960

Publication Scale (IV): Publication date (IV):

Geographic Datum (III): N. A. 1927

Vertical Datum (III): M.H.W.

Reference Station (III): BGMONT ENY L.H. (rear range) 1873

Lat.: 27° 36' 01.739 (53.5 ft.) Long.: 82° 45' 39.079 (1071.7 ft.) Adjusted

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.
Areas contoured by various personnel
(Show name within area)
(II) (III)
DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): W. M. Reynolds, G. D. Bradford  
Date: Dec. 1957

Planetable contouring by (II): Inapplicable  
Date:

Completion Surveys by (II): Inapplicable  
Date:

Mean High Water Location (III) (State date and method of location): Dec. 1957  
Air Photo Compilation

Projection and Grids ruled by (IV): J. B. Phillips  
Date: 13 June 1957

Projection and Grids checked by (IV): J. B. Phillips  
Date: 13 June 1957

Control plotted by (III): R. R. Wagner  
Date: 21 Jan. 1958

Control checked by (III): R. J. Pate  
Date: 21 Jan. 1958

Radial Plot by (III): R. R. Wagner  
Date: 20 Feb. 1958

Germination by (III): R. J. Pate  
Date:

Stereoscopic Instrument compilation (III): Inapplicable  
Contours

Manuscript delineated by (III): R. Dossett  
Date: Mar. 1958

Photogrammetric Office Review by (III): J. A. Giles  
Date: Mar. 1958

Elevations on Manuscript checked by (IV) (III): Inapplicable  
Date:
DESCRIPTIVE REPORT - DATA RECORD

PHOTOGRAPHS (III)

<table>
<thead>
<tr>
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<th>Time</th>
<th>Scale</th>
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<tr>
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<td>0927</td>
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<tr>
<td>57 L 1640</td>
<td></td>
<td>1111</td>
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<td>57 L 1641</td>
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</table>

Predicted Tide (III)

Reference Station: TAMPA BAY
Subordinate Station: BERMONT KEY, Bermont Channel
Subordinate Station:

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): 1
Shoreline (More than 200 meters to opposite shore) (III): 3.9
Shoreline (less than 200 meters to opposite shore) (III): Inapplicable
Control Leveling - Miles (II): Inapplicable
Number of Triangulation Stations searched for (II): **9
Number of BMs searched for (II): **7
Number of Recoverable Photo Stations established (III): 0
Number of Temporary Photo Hydro Stations established (III): 11

Remarks:

* One station established.
** Only tidal bench marks were searched for.
SUMMARY
To Accompany Shoreline Manuscripts
T-10566, 10567 and 10568

Subject surveys are three of shoreline project PH-171 (27380). The project consists of twenty-seven T-sheets and covers the Tampa Bay area of Florida. T-10566 to 10568 represent the southernmost surveys of this project. They are located at the entrance of Tampa Bay from the Gulf of Mexico - in the vicinity of Egmont Key and eastward to the Sunshine Skyway.

These three shoreline manuscripts were compiled graphically in 1958 at the Tampa District Office and they are based on nine-lens photography of April 1957 and field inspection of December 1957. Advanced shoreline information and control was made available to support hydrographic surveys during 1958.

The submitted manuscripts are the result of adequately scribed sheets and suitable for direct reproduction of permanent file copy.

Cronar film positives at the compilation scale of 1:10,000 and the Descriptive Reports will be registered and filed in the Bureau Archives.

January 1960
THE FIELD INSPECTION REPORT

IS SUBMITTED WITH T-10538
PHOTOGRAVMETRIC PLOT REPORT
Submitted with T-10558.

31. DELINEATION

Compiled graphically.

One nine-lens photograph (56099) and two single-lens photographs (57 L 1640-1641) were used. Both were of reasonably good scale. Shoreline inspection was adequate. Inshore inspection was meager.

32. CONTROL

Reference photogrammetric plot report.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

No drainage was apparent on the photographs nor was any indicated by the field inspector.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate. The approximate low-water line has been delineated from office interpretation.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

Listed on form 567 and forwarded under separate cover. (May 1958) WCB.
38. **CONTROL FOR FUTURE SURVEYS**

   Eleven photo-hydro stations are listed under Item 49. There are no topographic stations shown.

39. **JUNCTIONS**

   A satisfactory junction has been secured with T-10567 on the east. There is no contemporary survey to the north, south or west.

40. **HORIZONTAL AND VERTICAL ACCURACY**

   No statement.

46. **COMPARISON WITH EXISTING MAPS**

   A comparison was made with C&GS planimetric map No. T-5833, scale 1:10,000, compiled from air photographs taken Dec. 7 and 12, 1939, and supplemented by other surveys to June 1941. Except for a recession of the west shoreline, due to natural erosion, little difference was noted.

47. **COMPARISON WITH NAUTICAL CHARTS**

   A comparison was made with nautical chart No. 586, scale 1:40,000, 5th edition, Jan. 12, 1944; and revised to Dec. 9, 1957. The same comparison under Item 46 is applicable.

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

   None.

**ITEMS TO BE CARRIED FORWARD**

   None.

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Rudolph Donsett
Carto Photo Aid

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Approved and forwarded

Arthur L. Wardwell
Chief of Party
T-19566
Geographic Names.

Egmont Key
Egmont Channel
Florida
Gulf of Mexico
Southwest Channel
Tampa Bay

Names approved 8-17-59
L. Heck
49. NOTES FOR THE HYDROGRAPHER

Eleven (11) photo-hydro stations, with a short description of each, are listed below:

6601 - Center small concrete building offshore from end of island.

6602 - Center lookout tower about 20 feet high.

6603 - Seaward end of concrete wall, highest part.

6604 - Center of end of grass spot. Stake with flag driven in point.

6605 - Center of palmetto clump. Stake with flag driven beside clump.

6606 - Corner of concrete gun emplacements.

6607 - Center of clump of bushes. Stake with flag driven in point.

6608 - Center of end of grass spot. Stake with flag driven in point.

6609 - Center of pointed roof of small concrete building; southerly of two.

6610 - Light atop north end of building on pier.

6611 - Cupola on southeast corner of building.

There are no recoverable topographic stations.
PHOTOGRAMMETRIC OFFICE REVIEW


CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy  _XX_  6. Recoverable horizontal stations of less than third-order accuracy (topographic stations)  _XX_  7. Photo hydro stations  _JG_  8. Bench marks  _JG_


ALONGSHORE AREAS
(Nautical Chart Data)


PHYSICAL FEATURES


CULTURAL FEATURES


BOUNDARIES

31. Boundary lines  _XX_  32. Public land lines  _XX_

MISCELLANEOUS


40. Jesse A. Giles  Reviewer

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.

43. Remarks:
REVIEW REPORT OF
SHORELINE MANUSCRIPTS T-10566, 10567 and 10568

62. Comparison with Registered Topographic Surveys

<table>
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<th>Scale</th>
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<td>T-1316a</td>
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</tr>
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<td>T-1346b</td>
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<td>T-5833</td>
<td>1:10,000</td>
<td>1939</td>
</tr>
<tr>
<td>T-8397</td>
<td>1:20,000</td>
<td>1942</td>
</tr>
<tr>
<td>T-8398</td>
<td>1:20,000</td>
<td>1942</td>
</tr>
</tbody>
</table>

There are minor shoreline changes between these surveys. T-10568 represents a portion of SUNSHINE SKYWAY, which has been constructed since the last survey of 1942. Subject surveys are to supersede above-listed surveys for nautical charting purposes of common area and detailing.

63. Comparison with Maps of Other Agencies:

EGMONT KEY, FLA., 1:25,000, 1946, Army Map Service
ANNA MARIA, FLA., 1:25,000, 1952, Army Map Service

Coast and Geodetic Survey's T-8397 and T-8398 (listed under item No. 62) are the basis of these two topographic quadrangles by A.M.S.

64. Comparison with Contemporary Hydrographic Surveys:

57247 (8427) 1:20,000, 1958, (Blueprint)
57248 (8428) 1:20,000, 1958, (Blueprint)

Shoreline and control for these hydrographic surveys was furnished from subject shoreline manuscripts and others of this project. No changes were applied.

65. Comparison with Nautical Charts:

586 1:40,000 Revised to 6/15/59
1257 1:80,000 Revised to 3/2/59

There is good agreement between these surveys.
66. Adequacy of Results and Future Surveys:

These shoreline manuscripts have been compiled in accordance with project instructions and no deficiencies in adequacy or accuracy are indicated.

Reviewed by

Joseph A. Streiffer

Chief, Review & Drafting Sec.
Photogrammetry Division

May 60

Chief, Nautical Chart Branch
Charts Division

Chief, Photogrammetry Division

Chief, Coastal Surveys