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

**DESCRIPTIVE REPORT**

*Type of Survey:* Topographic

<table>
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<th>Field No.</th>
<th>Office No.</th>
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<tbody>
<tr>
<td>7103</td>
<td>1257-3</td>
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</tbody>
</table>

**LOCALITY**

- **State:** Florida
- **General locality:** Florida West Coast
- **Locality:** Clearwater Harbor

**1948**

**CHIEF OF PARTY**

Ross A. Gilmore

**LIBRARY & ARCHIVES**

**DATE**
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. T-8279

REGISTER NO.

State Florida

General Locality Florida West Coast

Locality Clearwater Harbor

Scale 1:20,000 Date of survey 7-27-Oct., 1948

Project Ph-38(48)

Chief of party Ross A. Gilmore

Surveyed by James E. Hundley

Inked by James E. Hundley

Heights in feet above -------- to ground to tops of trees

Contour, Approximate contour, Form line interval ---- feet

Instructions dated 7 September 1948

 Remarks:

 eru 28683
PROJECT: Ph-38(48)

DATE OF INSTRUCTIONS: September 7, 1948

DATUM: N.A. 1927

DATE OF FIELD WORK: October 7, 1948 - October 27, 1948

PURPOSE:

To locate existing aids to navigation and to make major topographic revisions of the shoreline and adjacent detail.

METHODS:

There are no permanent fixed aids to navigation (steel or masonry structures) on this sheet requiring third-order triangulation location.

All existing aids to navigation—non-permanent, fixed, and floating—were located on the sheet by three or more planetable cuts.

Field inspection of the shoreline was made in accordance with paragraph 8, Instructions - Project Ph-38(48), dated September 7, 1948.

Changes in shoreline detail have been shown on the following photographs: Nos. 231, 390, 391, 393, 395, 396, 412, 413, 414, 415, 416, 417, 418, 420, 421, 423, 424, 425, 536, 537, 538, and 540.

There are numerous small cottages, new, that appear on photographs Nos. 413, 414, 415, 416, 424, and 425 that should be shown on the new chart, but have not been circled on the photographs, for it is believed, by this topographer, that the compiler can identify them more easily without the circle in view of the fact that by circling those to be shown, the circle would cover a good number of them.

Where shoreline was field inspected and shown on the photographs it has been made with an accuracy of 0.5 millimeter of true position.
HORIZONTAL CONTROL:

Only those stations (triangulation and topographic) used in the course of work on this sheet were recovered. The following recovery notes are submitted:

Form 526 for LITTLE PASS 1910, 1934
" " " HARRIS 1934
" " " CLEARWATER, SILVER MUNICIPAL TANK (BAK 1925)
" " " CLEARWATER MUNICIPAL TANK (SQUAT 1925)
" " " WHITE 1925
" " " BELLEVUE (U.S.E.) 1934
" " " CLEARWATER, BELLEVUE HOTEL, WHITE BRICK STACK 1925
" " " BELLEAIR, SILVER MUNICIPAL TANK (BELL 1926)
" " " LARGO SILVER MUNICIPAL TANK (HY 1925)
" " " CLEARWATER, SILVER MUNICIPAL TANK 1934 (KEG 1925)

Form 524 for GAT 1941
" " " AWL 1941

AERONAUTICAL AIDS:

Three new radio towers were located in this area. They were cut in under the assumption that they would be of some value to aeronautical charts.

Form 524 is submitted for each of these towers and they are also listed on Form 567 under Landmarks.

AIDS TO NAVIGATION:

There are no permanent fixed aids to navigation within the limits of this sheet.

All nonpermanent fixed aids to navigation were located by planetary methods and listed on Form 567 which is made a part of this report.
Floating aids were located by planetable cuts and the following comprises a complete list of all floating aids within the limits of this sheet:

**Light List dated 1948:**
Atlantic and Gulf Coast - A.G.C.
Intracoastal Waterway - I.C.W.

<table>
<thead>
<tr>
<th>Light List P. Affected</th>
<th>Location Method</th>
<th>Latitude &amp; Longitude</th>
<th>Location &amp; Data</th>
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<tbody>
<tr>
<td>I.C.W. 156</td>
<td>1257</td>
<td>Oct. 1948</td>
<td>27° 57'</td>
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<tr>
<td></td>
<td></td>
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<td>57° 57'</td>
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<td>57° 57'</td>
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<td>57° 57'</td>
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<td>67° 57'</td>
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<td></td>
<td>118° 57'</td>
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<td></td>
<td></td>
<td></td>
<td>275° 57'</td>
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<td></td>
<td></td>
<td></td>
<td>106° 57'</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>290° 57'</td>
</tr>
</tbody>
</table>

**Aid to Nav. Locality**

- Clearwater Harbor South of Causeway
  - Buoy 1 C
  - Buoy 2 C
  - Buoy 4 C
  - Buoy 6 C

- Little Pass Lighted Bell
  - Buoy 1
  - Buoy 2
  - Buoy 2 A
DISCREPANCIES: AIDS TO NAVIGATION:

The following is a list of discrepancies with published descriptions in Light Lists dated 1948 and the latest issue of Nautical Charts:

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<tbody>
<tr>
<td>Latitude &amp; Longitude</td>
<td>27° 59', 1767.0 m</td>
<td>36° 09', 108.0 m</td>
</tr>
<tr>
<td>Light P.</td>
<td>Not Listed</td>
<td>Listed</td>
</tr>
<tr>
<td>Chart No.</td>
<td>1257</td>
<td>157</td>
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<tr>
<td>Checked In Field</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks</td>
<td>Non-Existent</td>
<td>Exists</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Aid to Nav.</th>
<th>Big Pass Day-beacon 15</th>
<th>Big Pass Day-beacon 13</th>
<th>Little Pass B Buoy 2 A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Locality</td>
<td></td>
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<td></td>
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</tbody>
</table>

- List P. Not Listed, I.C.W. Not Chartered, Not listed.
LANDMARKS:

A complete landmark inspection was made for that part of this sheet covering the 1:40,000-scale Intra-coastal Waterway Charts.

There are no new landmarks reported.

The positions of all existing landmarks in the area are shown on the sheet.

One previously charted landmark has been recommended for deletion.

All landmarks have been reported on Form 567 as a part of this report.
GEOGRAPHIC NAMES:

No systematic investigation of geographic names was required for the project.

However, it was noted that the "List of Bridges over the Navigable Waters of the United States" uses the name of Anona for the bridge at Indian Rocks. After a thorough interrogation of the local populace it was learned that Indian Rocks was more commonly in use.

BRIDGES:

Five bridges over navigable waters, in this area, were measured with a steel tape and their vertical clearances were computed to MHW from predicted Tide Tables. All bridge measurements are shown on the sheet.

A survey for the site of a new bridge, to be constructed, is now in progress crossing Clearwater Harbor at or near latitude 27° 55'. A copy of a State Road Department letter on the subject is being submitted with this report and sketch showing general location.

A list of discrepancies is included in this report:

(List was submitted to U.S. Engrs. @ Jacksonville, Fla.)
STATE ROAD DEPARTMENT OF FLORIDA

Bartow, Florida
November 8, 1948

In Re: Section 1500, Job 102 - Pinellas Co.

Ross A. Gilmore
Lieut. Comdr. U.S.C. & G.S.,
Tampa Photogrammetric Office,
Box 1689, Tampa, Florida.

Dear Comdr. Gilmore:

In reply to your letter of October 27th, regarding survey for bridge and causeway across Clearwater Harbor.

This survey was made for Pinellas County as it is not on the State designated system of roads. No land ties were made on this survey, but was located on alignment designated by the County Engineer. The County Engineer's office furnished the following coordinates on this alignment.

Station 10 + 00 beginning of Job N 1303674.92 E 227215.80
P.I. 100 56514#Nt. N 1303753.74 E 229029.75 intersection Center Line of Bridge and proposed Intercostal Waterway. N 1303250.42 E 231643.70. This alignment continuing across Harbor.

As the Bridge plans are being prepared in Tallahassee, it is suggested that you request Mr. W.E. Dean, State Bridge Engineer, State Road Department, Tallahassee, Florida to furnish the desired information concerning the proposed bridge.

Yours very truly,

(S) H.M. Johnson,
Sr. Project Engineer
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<tbody>
<tr>
<td>Clearwater Harbor</td>
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<tr>
<td>Anada (Indian Rocks)</td>
<td>*92</td>
<td>1257</td>
<td>7-0379</td>
<td>27</td>
<td>32.5</td>
<td>Oct. 5</td>
<td>(c) 57.0 ft.</td>
<td>Closed (c) 50.0 ft.</td>
</tr>
<tr>
<td>(Swing)</td>
<td></td>
<td></td>
<td>82</td>
<td>51.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Clearwater Causeway</td>
<td>*</td>
<td>*</td>
<td></td>
<td>27</td>
<td>57.9</td>
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<td>48.0 ft.</td>
<td>6.0 ft.</td>
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<td>(Bascule)</td>
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<td>82</td>
<td>49.4</td>
<td></td>
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<tr>
<td>Clearwater Causeway</td>
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<td>*</td>
<td></td>
<td>27</td>
<td>58.6</td>
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<td>54.6 ft.</td>
<td>6.0 ft.</td>
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<tr>
<td>Fixed</td>
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<td>82</td>
<td>49.4</td>
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<tr>
<td>Stevens Creek</td>
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<tr>
<td>Highway (Fixed)</td>
<td>446</td>
<td>*</td>
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<td>27</td>
<td>59.3</td>
<td></td>
<td>25.0 ft.</td>
<td>6.0 ft.</td>
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<tr>
<td>Railroad (Fixed)</td>
<td>*</td>
<td>*</td>
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<td>27</td>
<td>59.2</td>
<td></td>
<td>10.0 ft.</td>
<td>7.0 ft.</td>
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*Note: Clearances for these bridges are not charted.*
CABLES (OVERHEAD AND SUBMARINE):

All overhead and submarine cables across navigable waters in this area have been located in accordance with paragraphs 7 and 15, Photogrammetry Instructions No. 27, dated September 7, 1948, reference sheet T-8379 and photographs Nos. 391, 412, and 425.

COAST PILOT:

Not required. See paragraph 9, Instructions for Project Ph-38(48) dated September 7, 1948.

Submitted by

James E. Hundley
Topographer

Approved and forwarded:

Ross A. Gilmore
Chief of Party
### Nautical Charts Branch

**Survey No. T-7703**

**Record of Application to Charts**

<table>
<thead>
<tr>
<th>Date</th>
<th>Chart</th>
<th>Cartographer</th>
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<tbody>
<tr>
<td>9-7-49</td>
<td>858</td>
<td>D.R. Engle</td>
<td>Before After Verification and Review</td>
</tr>
<tr>
<td>2-14-55</td>
<td>1257</td>
<td>[Signature]</td>
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A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.