<table>
<thead>
<tr>
<th><strong>State</strong></th>
<th><strong>Texas</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LOCALITY</strong></td>
<td>La Quinta to Mistang Island</td>
</tr>
<tr>
<td><strong>1994</strong></td>
<td></td>
</tr>
<tr>
<td><strong>CHIEF OF PARTY</strong></td>
<td>Earl C. Heaton</td>
</tr>
</tbody>
</table>

See doc. ref. T.5367
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. 4372

REGISTER NO.

State. Texas

General locality. Corpus Christi Bay

Locality. La Quinta to Mustang Island.

Scale. 1: 20,000. Date of survey. June & July 1934

Project. HT-118

Chief of party. Earl O. Henton

Surveyed by. Somers, J. W.

Inked by. Somers, J. W.

Heights in feet above M. H. W. to ground 6.0 - tops of trees

Contour. Approximate contour. Form line interval. feet

Instructions dated. Nov. 5, 1932 & Nov. 16, 1933, 19...

Remarks:

...
DESCRIPTIVE REPORT
TO ACCOMPANY PLANE-TABLE CONTROL SHEET "T"
LA QUINTA TO McGOIN BLUFF AND A PART OF MUSTANG ISLAND
Surveyed June & July 1934
E. O. Heaton, H. & G. Engineer, Chief of Party
J. W. SOMERS, Topographer
Instructions dated November 5, 1932 & Nov. 16, 1933

Purpose of Survey:
This survey was executed primarily to furnish supplemental control for hydrographic work, and secondarily to aid in the control of photo topographic sheets, Register Nos. 5567 & 5568, compiled by Ensign T. M. Price. If it had not been desirable to start hydrographic work before the photo compilation had been completed this sheet would not have been necessary. In addition to signals located for hydrography, the low water line was established and in places the high water line was obtained as an aid in compilation of the photographs. A few plane table positions were used from this sheet as control for the photo compilation.

General Description of the Coast:
The description of the coast of Corpus Christi Bay from La Quinta to McGoins Bluff is adequately covered by the report on Photo Topographic Sheet, Register No. 5567. The coastline of the Gulf of Mexico (Mustang Island) is covered by the report of Photo Topographic Sheet, Register No. 5566. The following aids to navigation are located on this sheet; Corpus Christi Channel Beacons #3, 5, 2, 7, 4, 9, 6, 11, 13, 15, 8, 17, 19, 10, and a day beacon on the long reef west of McGoins Bluff. Other beacons and aids to navigation plotted on this sheet are accounted for in the descriptive reports for Topographic Sheet U and Hydrographic Sheet #4.

Landmarks:
Building --- east chimney of La Quinta Club, 25 ft. high.
Cupola ---- Old Ingleside Inn, Ingleside on the Bay.

Character of Control:
Sheet "T" is controlled by 3rd second and third order triangulation stations and by plane table traverse.

Closing Errors of Traverse and Method of Adjustment:
A Knoll to A Herd 9 meters 2.7 miles
Stake (3 pt. fix) to A Knoll 11 " 2.1 "
McGoins Bluff to A Donnel 11 " 3.0 "
A Donnel to A Quintana 0 " 3.3 "

Those traverse lines were adjusted as prescribed on page 57 of U.S. C. & G. S. publication #144. The line from A Donnel to A Quintana was adjusted in the field by rerunning the line to a point of agreement.

Comparison with other Surveys:
The work on this sheet was compared with Photo Topographic Sheets, Register Nos. 5567 & 5568 and was found to agree.

Geographic Names:
New names and changes in old names are not discussed in this report. See reports for Photo Topographic Sheets, Register Nos. 5567 & 5568.
List of Plane-Table Positions:

Club ------------ east chimney, La Quinta Club.
Post ------------ 4" x 4" concrete post, S. side of drainage ditch.
Rice ------------ windmill, 25 ft. high.
Water Tank ------ Lat. 27° 50.1', Long. 97° 13.3'.
Day beacon ------ day beacon, which is a rectangular, slatted signal
    on a 12" pile, 25 ft. high.
Yucca Plant ------ Lat. 27° 44.4', Long. 97° 08.5'.

Changes in the Coastline:
The shoreline on this sheet was compared with the shoreline on chart
#1208, which was taken to represent the latest previous survey. This com-
parison shows the shoreline from La Quinta to Donnel has receded from zero to
about 85 meters. The NW end of the peninsula NW of McGiein Bluff has receded
about 240 meters. For further comparison see reports for Photo Topographic
Sheets, Register Nos. 5367 & 5368.

Character of Marshes:
See reports for Photo Topographic Sheets, Register Nos. 5367 & 5368.

Dates on Triangulation Stations:
Two dates are shown on this sheet for stations which have been recovered.
The date of original establishment is shown in parenthesis and the last date
of occupation is also shown. This was done because the datum was changed
in 1927. The last date is the one which represents the plotted position.

Inspected and approved:  Respectfully submitted,

Earl O. Heaton,   J. W. Somers, Topographer
Chief of Party, C.& G.S.
LANDMARKS FOR CHARTS
Corpus Christi, Texas

January 14, 1936

Carl O. Heaton
Chief of Party

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>POSITION</th>
<th>METHOD OF DETERMINATION</th>
<th>CHARTS AFFECTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUILDING,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>east chimney</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>La Quinta</td>
<td>27 50</td>
<td>1618</td>
<td></td>
</tr>
<tr>
<td>Club (Club)</td>
<td>97 16</td>
<td>D.M. Meters</td>
<td></td>
</tr>
<tr>
<td>CUPOLA,</td>
<td>27 50</td>
<td>643.8</td>
<td></td>
</tr>
<tr>
<td>(Auld Ingliside Inn)</td>
<td>97 13</td>
<td>E.P. Meters</td>
<td></td>
</tr>
<tr>
<td>cupola, 1934</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>596.8</td>
<td></td>
<td></td>
</tr>
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<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>These objects are visible from the water.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Checked and verified by:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

A list of objects carefully selected because of their value as landmarks as determined from seaward, together with individual descriptions, must be furnished in a special report on this form, and a copy of such report must be attached by Party to his descriptive report.

The selection, determination, and description of these points are an important factor in the value of the chart. Landmarks selected at appropriate intervals can be clearly charted. However, when none is outstanding, a group of two or three objects may by their interrelationship provide positive identification. A group so selected should be indicated.

The description of each object should be short, but such as will clearly identify it; for example, a standpipe, elevated tank, gas tank, church spire, tall stack, red chimney, radio mast, etc. Assign numerals to landmarks to indicate: (1) Offshore, (2) Inshore, (3) Harbor. 1, 2, 3 would be a mark useful on all charts. Generally, flagstaffs and like objects are not sufficiently permanent to chart.
### AIDS TO NAVIGATION

**LANDMARKS FOR CHARTS**

**Corpus Christi, Texas**

**January 11, 1925**

**Director, U.S. Coast and Geodetic Survey:**

The following determined objects are prominent, can be readily distinguished from seaward from the description given below, and should be charted:

- **The odd numbered beacons are NW.**
- **The even numbered beacons are NE.**

**Chief of Party.**

---

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>POSITION</th>
<th>METHOD OF DETERMINATION</th>
<th>CHARTS AFFECTED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CORPUS CHRISTI CH, BNS.</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F &quot;3&quot; (A1934)</td>
<td>27 50 165.8 97 06 344.4</td>
<td>N.A. 1927</td>
<td>Triangulation</td>
</tr>
<tr>
<td>F &quot;5&quot; (A1934)</td>
<td>27 49 1559.0 97 07 873.5</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>FR &quot;2&quot; (A1934)</td>
<td>27 49 1721.9 97 07 907.8</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>F &quot;7&quot; (A1934)</td>
<td>27 49 1096.5 97 08 1436.8</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>FR &quot;4&quot; (A1934)</td>
<td>27 49 1260.3 97 08 1470.6</td>
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</tr>
<tr>
<td>F &quot;9&quot; (A1934)</td>
<td>27 49 641.7 97 10 325.9</td>
<td>&quot;</td>
<td>&quot;</td>
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<tr>
<td>FR &quot;6&quot; (A1934)</td>
<td>27 49 805.7 97 10 358.7</td>
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<tr>
<td>F &quot;11&quot; (A1934)</td>
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<tr>
<td>F &quot;13&quot; (A1934)</td>
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<tr>
<td>F &quot;15&quot; (A1934)</td>
<td>27 48 1094.9 97 14 387.1</td>
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<td>&quot;</td>
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<tr>
<td>FR &quot;8&quot; (A1934)</td>
<td>27 48 1262.6 97 14 401.6</td>
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<tr>
<td>P &quot;17&quot; (A1934)</td>
<td>27 48 1086.5 97 15 732.5</td>
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</tr>
<tr>
<td>P &quot;19&quot; (A1934)</td>
<td>27 48 1080.4 97 16 1228.3</td>
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</tr>
<tr>
<td>FR &quot;10&quot; (A1934)</td>
<td>27 48 1248.6 97 16 1228.4</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
</tbody>
</table>

**BEACON**

- **Reef Marker (12" pile slatted)**

---

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Checked and verified by: [Signature]
REVIEW OF GRAPHIC CONTROL SURVEY T-4872, SCALE 10,000

Date of Review

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5387, , , with particular attention to the following details:

-(a) Projection has been checked in the Field.

(b) Accuracy of location of plane table control points. (± 5 m)

(c) Discrepancies between detail on this survey and the air photo compilations listed above. See Report (Review)

(d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above. None.

2. Refer to the reviews and descriptive reports of air-photo compilations Nos. T- , , , for a more complete discussion of any errors or discrepancies found.

Any material errors found on this survey are noted in subsequent paragraphs of this review, and these have been reported to the Field Records Section and the Cartographic Section.

Notes and corrections resulting from the review are shown on this survey in green.

W. M. Abney
July 25, 1953

Paul H. Fronkhauser