**Form 504**

**U.S. DEPARTMENT OF COMMERCE**

**COAST AND GEODETIC SURVEY**

**DESCRIPTIVE REPORT**

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>PLANIMETRIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field No.</td>
<td>Ph-6006</td>
</tr>
<tr>
<td>Office No.</td>
<td>T-9794</td>
</tr>
</tbody>
</table>

**LOCALITY**

<table>
<thead>
<tr>
<th>State</th>
<th>TEXAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>General locality</td>
<td>GALVESTON BAY</td>
</tr>
<tr>
<td>Locality</td>
<td>TAYLOR LAKE</td>
</tr>
</tbody>
</table>

**1960-1963**

**CHIEF OF PARTY**

Joseph K. Wilson, Chief of Field Party
V. Ralph Sobierski, Tampa District Officer

**LIBRARY & ARCHIVES**

**DATE** January 1965
# Descriptive Report - Data Record

**T = 9794**

## Project No. (iii):

PH-6006

### Field Office (iii):

Texas City, Texas

### Chief of Party

Joseph K. Wilson

### Photogrammetric Office (iii):

Tampa District Office

### Officer-in-Charge

V. Ralph Sobieralski

## Instructions Dated (iii) (iii):

Field & Office (732ms) - not dated (received Sept. 30, 1960)

Amendment Field & Office - February 14, 1961

## Method of Compilation (iii):

Kelsh plotter

## Manuscript Scale (iii):

1:10,000

## Stereoscopic Plotting Instrument Scale (iii):

1:6,000

## Date Received in Washington Office (iv):

DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.

DATE:

DATE REGISTERED (iv):

## Geographic Datum (iii):

N. A. 1927

## Vertical Datum (iii):

MHW

MEMBER SHEEL 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):

CLUB 2, 1941

## Plane Coordinates (iv):

\[
\begin{align*}
\text{LAT.:} & \quad 29^\circ 37' 100.851'' (26.2 \text{ m.}) \\
\text{LONG.:} & \quad 95^\circ 00' 100.244'' (06.6 \text{ m.}) \\
\end{align*}
\]

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.
# DESCRIPTIVE REPORT - DATA RECORD

**FIELD INSPECTION BY (III):**

M. A. Stewart

**DATE:**

February 1961

**MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):**

Date of photography - September 16, 1960
Air photo compilation

**Field Edit - Varnadoe 1963 - Blumer 1962**

**PROJECTION AND GRIDS RULED BY (IV):**

J.D.C. (W.O.)

**DATE:**

June 1961

**PROJECTION AND GRIDS CHECKED BY (IV):**

J.F. (W.O.)

**DATE:**

June 1961

**CONTROL PLOTTED BY (III):**

V. P. Cackowski

**DATE:**

September 1961

**CONTROL CHECKED BY (III):**

R. J. Pate

**DATE:**

September 1961

**RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):**

B. F. Lampton (W.O.)

**DATE:**

**STEREOSCOPIC INSTRUMENT COMPILATION (III):**

**PLANIMETRY**

R. E. Smith

Reviewed by: I. I. Saperstein

**DATE:**

July 1962

**CONTOURS**

Inapplicable

**DATE:**

**MANUSCRIPT Delineated by (III):**

R. E. Smith

Reviewed by: I. I. Saperstein

**DATE:**

July 1962

**SCRIBING (III):**

P. W. Leikhim

Reviewed by: W. H. Shearouse

**DATE:**

October 1962

**PHOTOGRAHMETRIC OFFICE REVIEW BY (III):**

W. H. Shearouse

**DATE:**

February 1963

**REMARKS:**


## DESCRIPTIVE REPORT - DATA RECORD

**CAMERA (KIND OR SOURCE) (III):**

WILD single-lens "S" camera

### PHOTOGRAPHS (III)

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<tr>
<th>NUMBER</th>
<th>DATE</th>
<th>TIME</th>
<th>SCALE</th>
<th>STAGE OF TIDE</th>
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<tbody>
<tr>
<td>60S-1944A</td>
<td>09-16-60</td>
<td>0822</td>
<td>1:30,000</td>
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<tr>
<td>60S-1945A</td>
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<td>0822</td>
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<tr>
<td>60S-1991A</td>
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<td>0903</td>
<td></td>
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<tr>
<td>60S-1992A</td>
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### PREDICTED TIDE (III)

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<th>REFERENCE STATION:</th>
<th>GALVESTON</th>
<th>RATIO OF RANGES</th>
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<tr>
<td></td>
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<td>1.0</td>
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<tr>
<td>SUBORDINATE STATION:</td>
<td>MORGAN POINT</td>
<td>0.8</td>
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<tr>
<td></td>
<td></td>
<td>1.0</td>
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### WASHINGTON OFFICE REVIEW BY (IV):  

**DATE:**

### PROOF EDIT BY (IV):

**DATE:**

### NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (III):  

- RECOVERED: 5
- IDENTIFIED: 4

### NUMBER OF BM(S) SEARCHED FOR (III):  

- RECOVERED: 3
- IDENTIFIED: 2

### NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):  

0

### NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

0

### REMARKS:


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<th>COMPILEATION RECORD</th>
<th>COMPLETION DATE</th>
<th>REMARKS</th>
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<tbody>
<tr>
<td>Alongshore area for hydro</td>
<td>May 1962</td>
<td>superseded</td>
</tr>
<tr>
<td>Compiled from field inspection done prior to hurricane Carla of September 11, 1961</td>
<td>Sept. 1962</td>
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<tr>
<td>Alongshore area revised from field edit. Compilation complete</td>
<td>April 1963</td>
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</table>
PROJECT PH-6006

Planimetric Mapping
West Shore Galveston Bay
TEXAS
1:10,000 AND 1:5,000 SCALE

Official Mileage for Cost Accounts

<table>
<thead>
<tr>
<th>Sheet Number</th>
<th>Area Sq. Mi.</th>
<th>Shoreline Linear Miles</th>
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<tr>
<td>9793</td>
<td>14</td>
<td>5.8</td>
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<tr>
<td>9794</td>
<td>18</td>
<td>7.2</td>
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<tr>
<td>9795</td>
<td>1.5</td>
<td>4.8</td>
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<td>9796</td>
<td>15</td>
<td>10.1</td>
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<tr>
<td>9797</td>
<td>3</td>
<td>4.2</td>
</tr>
<tr>
<td>9798</td>
<td>3.3</td>
<td>6.5</td>
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<td>9799</td>
<td>14.5</td>
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<tr>
<td>9800</td>
<td>3</td>
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<td>10886</td>
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<td>9.0</td>
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<tr>
<td></td>
<td>123.1</td>
<td>97.5</td>
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</table>
Please refer to Field Inspection Report Submitted with map T-9793 for all information pertaining to this map.

Submitted,

William M. Reynolds

William M. Reynolds
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>Datum</th>
<th>Latitude or y-coordinate</th>
<th>Longitude or x-coordinate</th>
<th>Distance from grid in feet, or projection line in meters forward (back)</th>
<th>Datum Correction</th>
<th>N.A. 1927 - Datum distance from grid or projection line in meters forward (back)</th>
<th>Factor distance from grid or projection line in meters forward (back)</th>
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</thead>
<tbody>
<tr>
<td>Shore Acres, Black Tank, 1931</td>
<td>PG 22</td>
<td>NA</td>
<td>671,050.59</td>
<td>3,265,572.16</td>
<td>20 4536.6</td>
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<td>Club 2, 1941</td>
<td>PG 89</td>
<td>1927</td>
<td>670,220.19</td>
<td>3,270,654.34</td>
<td>99 5348.4</td>
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<td>Peden RM 1, 1931</td>
<td>PG 18</td>
<td></td>
<td>650,386.03</td>
<td>3,255,658.34</td>
<td>99 6897.4</td>
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<td>Sales RM 1, 1932</td>
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<td>654,757.24</td>
<td>3,268,758.92</td>
<td>99 6319.7</td>
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</table>
PHOTOGRAMMETRIC PLOT REPORT

The analytic arsotriangulation bridge was run in the Washington Office.

See report submitted with T-9603.

31. **DECLINATION**

The Kelsh plotter was used.

The field inspection was adequate and no difficulty was encountered in the interpretation of the photographs.

32. **CONTROL**

See photogrammetric plot report.

33. **SUPPLEMENTAL DATA**

None.

34. **CONTOURS AND DRAINAGE**

Inapplicable.

35. **SHORELINE AND ALONGSHORE DETAILS**

The shoreline inspection was adequate.

The shoreline, piers and bulkheads were delineated accordingly. No low-water or shoal lines were shown.

36. **OFFSHORE DETAILS**

None.

37. **LANDMARKS AND AIDS**

Three landmarks and two aids to navigation have been listed on Form 567 and submitted to the Washington Office July 31, 1962.
38. **CONTROL FOR FUTURE SURVEYS**

None.

39. **JUNCTIONS**

Junctions have been made with T-9793 to the north, T-9795 to the east, T-9796 to the south. There is no contemporary survey to the west.

40. **HORIZONTAL AND VERTICAL ACCURACY**

No statement.

46. **COMPARISON WITH EXISTING MAPS**

Comparison has been made with USGS quadrangle "LEAGUE CITY", scale 1:24,000, edition of 1955. No substantial changes were noted. The abandoned airfield shown on the quadrangle was omitted because it is overgrown.

47. **COMPARISON WITH NAUTICAL CHARTS**

Comparison has been made with chart 1282, 1:80,000 scale, edition of August 1, 1960, corrected to November 26, 1960. The chart appears to be in fairly good agreement with the manuscript.

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

None.

**ITEMS TO BE CARRIED FORWARD**

None.

R. E. Smith, Jr.
Carto Photo Aid

APPROVED AND FORWARDED 24 APR 1963

V. Ralph Sobieralski
Tampa District Officer
49. NOTES FOR THE HYDROGRAPHER

None.
FIELD EDIT REPORT
(Shoreline)

51. METHODS

The shoreline was inspected by truck, skiff and walking. The
distance to the MHWL was spot checked at intervals from points
of known location and found to be correct and adequate.

Corrections and additions to the manuscript have been noted
on the field edit sheets in red. Deletions are shown in green.

The development along the north shore of Clear Lake was done
by planetable. A plot plan was obtained from the developer and
is included with the data, however it is noted that the con-
struction differed from the plan.

All additions and deletions were compiled on the advance milar
manuscripts furnished the unit. This was done for the benefit
of the East Coast Field Party.

The changes were then transferred to the field edit sheets
included with this report.

52. ADEQUACY OF COMPILATION

The map compilation appears complete and adequate with the
exception of the corrections and additions as shown on the ozalid
field edit sheets.

53. MAP ACCURACY

The accuracy of the map compilation appears to be complete
and adequate.

54. RECOMMENDATIONS

There are no recommendations.

55. EXAMINATION OF PROOF COPY

No one was contacted to examine a proof copy of the map.

Submitted:

William A. Rasmussen
for James H. Blumer
LT.(jg) CGCS
Photo Hydro Party 723
<table>
<thead>
<tr>
<th>Control Stations</th>
<th>Aids to Navigation</th>
<th>Landmarks</th>
<th>Other Alongsore Physical Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shoreline</td>
<td>XX</td>
<td>WHS</td>
<td>WHS</td>
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<tr>
<td>Low-Water Line</td>
<td>XX</td>
<td>WHS</td>
<td>WHS</td>
</tr>
<tr>
<td>Rocks, Shoals, Etc.</td>
<td>XX</td>
<td>WHS</td>
<td>WHS</td>
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<table>
<thead>
<tr>
<th>Physical Features</th>
<th>Natural Ground Cover</th>
<th>Stereoscopic Instrument Contours</th>
<th>Spot Elevations</th>
</tr>
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<tbody>
<tr>
<td>Water Features</td>
<td>WHS</td>
<td>WHS</td>
<td>XX</td>
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<tr>
<td>Planetary Contours</td>
<td>XX</td>
<td>XX</td>
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<tr>
<td>Contours in General</td>
<td>XX</td>
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<td>Other Physical Features</td>
<td>WHS</td>
<td>XX</td>
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<table>
<thead>
<tr>
<th>Cultural Features</th>
<th>Roads</th>
<th>Buildings</th>
<th>Railroads</th>
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<tbody>
<tr>
<td>WHS</td>
<td>WHS</td>
<td>WHS</td>
<td>WHS</td>
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<tr>
<td>Other Cultural Features</td>
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<thead>
<tr>
<th>Boundaries</th>
<th>Boundary Lines</th>
<th>Public Land Lines</th>
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<table>
<thead>
<tr>
<th>Miscellaneous</th>
<th>Geographic Names</th>
<th>Junctions</th>
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<tbody>
<tr>
<td>WHS</td>
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<tr>
<td>Legibility of the Manuscript</td>
<td>WHS</td>
<td>Discrepancy Overlay</td>
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<tr>
<td>WHS</td>
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<table>
<thead>
<tr>
<th>Field Inspection Photographs</th>
<th>Whs</th>
<th>Forms</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHS</td>
<td>XX</td>
<td>WHS</td>
</tr>
</tbody>
</table>

**Signature of Reviewer:**

**Signature of Compiler:**

**Signature of Supervisor:**
GEOGRAPHIC NAMES

T-9794  (Taylor Lake)

Boggy Bayou
Camp Tejas
Clear Lake
Galveston Bay
Middle Bayou
Mud Lake
Seabrook
Shoresacres
Taylor Bayou
Taylor Lake
Todville

A. J. Wright
A. J. Wright
Geographic Names
Review Report
of Planimetric Maps
T-9793 thru T-9804 and T-10886
August 1964

61. General Statement
This project is a continuation of mapping Project PH-5910 (2102k). It completes our modern base mapping along the western side of Galveston Bay for nautical and aeronautical charting programs.

62. Comparison with Registered Topographic Surveys

| T-283   | 1:20,000 | 1850 |
| T-298   | 1:20,000 | 1850 |
| T-4850  | 1:20,000 | 1933 |
| T-4857  | 1:20,000 | 1934 |
| T-6051  | 1:10,000 | 1934 |
| T-8944  | 1:10,000 | 1947 |

Cultural and shoreline changes have been continuous with extensive cultural changes in the urban areas. These maps are to supersede the above surveys for common area for nautical charting.

63. Comparison with Maps of Other Agencies

<table>
<thead>
<tr>
<th></th>
<th>1:24,000</th>
<th>1954</th>
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<tbody>
<tr>
<td>Texas City</td>
<td>1:24,000</td>
<td>1955</td>
</tr>
<tr>
<td>La Porte</td>
<td>1:24,000</td>
<td>1955</td>
</tr>
<tr>
<td>League City</td>
<td>1:24,000</td>
<td>1956</td>
</tr>
<tr>
<td>Bacliff</td>
<td>1:24,000</td>
<td>1955</td>
</tr>
<tr>
<td>Virginia Point</td>
<td>1:24,000</td>
<td>1955</td>
</tr>
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There are cultural and shoreline differences but, in general the agreement is good.

64. Comparison with Contemporary Hydrographic Surveys

| H-8593   | 1:10,000 | 1962 |

Shoreline and control was furnished prior to hydrography and no changes of importance have been made.
55. Comparison with Nautical Charts

868  1:10,000  1964
836  1:10,000  1963
1232  1:80,000  1963 revised to May 1964

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 requirements for adequacy and accuracy.

Reviewed by:

L. C. Lande

Approved by:

Charles Frenn
Chief, Photogrammetric Branch  Chief, Nautical Chart Division

J. S. Whalen  11/3/65
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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<tbody>
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<td></td>
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<td></td>
<td>Full Part Before After Verification Review Inspection Signed Via Drawing No.</td>
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