Diag. Cnt. No. 1282.

Form 504
U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey: PLANEIMETRIC
Field No.: Ph-60066  Office No.: T-9800

LOCALITY
State: TEXAS
General locality: GALVESTON BAY
Locality: EAGLE POINT

1960-1962

CHIEF OF PARTY
Joseph K. Wilson, Chief of Party 720
V. Ralph Sobieralski, Tampa District Off.

LIBRARY & ARCHIVES
DATE: January 1965
Project No. (II): **PH-6006**

Quadrangle Name (IV):

Field Office (II): **Texas City, Texas**

Chief of Party: **Joseph K. Wilson**

Photogrammetric Office (III): **Tampa, Florida**

Officer-in-Charge: **W. R. Sobierski**

Instructions dated (II) (III): Field & Office (732ms) not dated (rec'd Sept. 1960)

Amendment " " Feb. 14, 1961

Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): **Keleb Plotter**

Manuscript Scale (III): **1:10,000**

Stereoscopic Plotting Instrument Scale (III): **1:16,000**

Scale Factor (III): **Pantographed to 1:10,000**

Date received in Washington Office (IV):

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): **MSL**

Mean sea level except as follows:

Elevations shown as (2) 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): **Eagle Point 1932**

Lat.: **29°29'44" 73° (1377.3 m)**

Long.: **94°50'36.921(995.5 m)**

Adjusted

Plane Coordinates (IV):

State: **Texas**

Zone: **So. Central**

Y: **627,185.60 FT.**

X: **3,300,713.34 FT.**

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)

Inapplicable
DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): Matthew A. Stewart  Date: April 1961

Planetary contouring by (II): Inapplicable  Date:

Completion Surveys by (II): J. H. Blumer  Date: Dec 1962

Mean High Water Location (III) (State date and method of location): Date of Photography: Sept. 16
Air photo compilation and 17, 1960

Projection and Grids ruled by (IV): JDC (W.O.)  Date: June 1961

Projection and Grids checked by (IV): JF (W.O.)  Date: " "

Control plotted by (III): I. I. Saperstein  Date: Sept. 1961

Control checked by (III): R. J. Pate  Date: Sept. 1961

Stereoscopic

Planimetry R. E. Smith  Date: Nov. 1961

Stereoscopic Instrument compilation (III):

Manuscript delineated by (III): R. E. Smith  Date: Nov. 1961

of compilation

Photogrammetric Office Review by (III): W. H. Shearouse  Date: Nov. 1961

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

Camera (kind or source) (III): Wild Single-lens "S"

PHOTOGRAPHS (III)

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
</thead>
<tbody>
<tr>
<td>60-S-2010A</td>
<td>16 Sept. 1960</td>
<td>09:25</td>
<td>1:30,000 Diapositive</td>
<td>0.9</td>
</tr>
<tr>
<td>2011A</td>
<td></td>
<td>09:25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60-S-2293A</td>
<td>17</td>
<td>14:58</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2294A</td>
<td></td>
<td>14:59</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2295A</td>
<td></td>
<td>14:59</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Predicted Tide (III)

Reference Station: Galveston
Subordinate Station: Texas City, Turning Basin

Washington Office Review by (IV): Date: Nov. 1961
Final Drafting by (IV): R.E. Smith (Tampa District Office)
Final drafting Reviewed: W.H. Shearouse (TDO)
Drafting verified for reproduction by (IV): Date: Dec. 1961
Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 3
Shoreline (Lin. Miles) (II): 8.8 Lin. Miles
Control Leveling - Miles (II): Inapplicable
Number of Triangulation Stations searched for (II): 8
Number of BMs searched for (II): 3
Number of Recoverable Photo Stations established (III): None
Number of Temporary Photo Hydro Stations established (III): None

Remarks:
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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</thead>
<tbody>
<tr>
<td>9793</td>
<td>14</td>
<td>6</td>
</tr>
<tr>
<td>9794</td>
<td>18</td>
<td>7</td>
</tr>
<tr>
<td>9795</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>9796</td>
<td>15</td>
<td>10</td>
</tr>
<tr>
<td>9797</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>9798</td>
<td>1</td>
<td>7</td>
</tr>
<tr>
<td>9799</td>
<td>15</td>
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<td>9</td>
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<td>9801</td>
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<td>4</td>
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<tr>
<td>9802</td>
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<td>10</td>
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<td>9803</td>
<td>13</td>
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<td>9804</td>
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<td>10886</td>
<td>6</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>126</td>
<td>98</td>
</tr>
</tbody>
</table>

2-16-62
FIELD INSPECTION REPORT
Map T-9800
Project Ph-6006

Please refer to the Field Inspection Report submitted with Map T-9799 for all information pertaining to this map.

Submitted,

William M. Reynolds
### Table: Control Record

<table>
<thead>
<tr>
<th>Station</th>
<th>Source of Information</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</th>
<th>Datum Correction</th>
<th>N.A. 1927 Datum</th>
<th>Factor Distance from grid or projection line in meters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eagle Point, 1932</td>
<td>02</td>
<td>NA 1927</td>
<td>627,125.60</td>
<td>3,300,713.34</td>
<td>19.1166.5</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Miller Point, 1933</td>
<td>0945</td>
<td></td>
<td>607.983.61</td>
<td>2,299,772.43</td>
<td>18.5307.8</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Windmill, 1932</td>
<td>0945</td>
<td></td>
<td>29.27.35.04</td>
<td>94.55.31.16</td>
<td>1194.6</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>April Fool Point(USE), 1900</td>
<td>09187</td>
<td></td>
<td>29.26.52.33</td>
<td>94.55.06.40</td>
<td>1611.2</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

1 ft = 0.3048006 meter

Computed by: 115  Date: Sept 5, 1961  Checked by: RJP  Date: Sept 8, 1961
PHOTOGRAMMETRIC PLOT REPORT

The analytic aerotriangulation bridge was run in the Washington Office. The report is submitted with T-9803.

31. DELINEATION

The Kelah Plotter was used in delineation. 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 was adequate. Alongshore details such as piers, bulkheads, etc. have been shown according to the field inspector's notes. No low-water line was shown.

36. OFFSHORE DETAILS

All offshore details have been shown according to the field inspection.

37. LANDMARKS AND AIDS

Form 567 for six aids to navigation was submitted to the Washington Office under date of May 2, 1962. There are no landmarks.
<table>
<thead>
<tr>
<th>Compilation Record</th>
<th>Completion Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compiled</td>
<td>Nov. 1961</td>
<td>superseded</td>
</tr>
<tr>
<td>Compilation complete Alongshore area revised from field edit</td>
<td>Oct. 1963</td>
<td></td>
</tr>
</tbody>
</table>
38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions have been made with T-9799 to the west, T-9802 to the south, T-9798 to the north. Open water is to the east, as is T-10784, scale 1:20,000 of Ph-5910.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with USGS TEXAS CITY quadrangle, scale 1:24,000 edition of 1954. The comparison is favorable except for Shell Island, which no longer exists. Also there are some new spoil islets between Edwards point and Miller point.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with chart 1282 scale 1:80,000 edition of Aug. 1, 1960 revised Jan. 23, 1961, corrected to Feb. 1961. Same differences exist as listed under item 46.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

R. E. Smith, Carto-photo Aid

Approved and Forwarded

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

Attention is called to the fact that the Nov. 1961 compilation of this map was done from photographs taken and field inspection done before hurricane CARLA of September 11, 1961.
### CONTROL STATIONS

- **Horizontal Control Stations of Third-Order or Higher Accuracy (WBS)**
- **Photo Hydro Stations (XX)**
- **Bench Marks (WBS)**
- **Plotting of Sextant Fixes (WBS)**
- **Photogrammetric Plot Report (14.0)**
- **Detail Points (R.J.P.)**

### ALONGSHORE AREAS (Nautical Chart Data)

- **Shoreline (WBS)**
- **Low-Water Line (XX)**
- **Rocks, Shoals, etc. (WBS)**
- **Bridges (XX)**
- **Aids to Navigation (WBS)**
- **Landmarks (XX)**
- **Other Alongshore Physical Features (WBS)**

### PHYSICAL FEATURES

- **Water Features (WBS)**
- **Natural Ground Cover (WBS)**
- **Planetary Contours (XX)**
- **Stereoscopic Instrument Contours (XX)**
- **Contours in General (XX)**
- **Spot Elevations (XX)**
- **Other Physical Features (WBS)**

### CULTURAL FEATURES

- **Roads (WBS)**
- **Buildings (WBS)**
- **Railroads (XX)**
- **Other Cultural Features (WBS)**

### BOUNDARIES

- **Boundary Lines (XX)**
- **Public Land Lines (XX)**

### MISCELLANEOUS

- **Geographic Names (WBS)**
- **Junctions (WBS)**
- **Legibility of the Manuscript (WBS)**
- **Discrepancy Overlay (XX)**
- **Descriptive Report (WBS)**
- **Field Inspection Photographs (WBS)**
- **Forms (WBS)**

### Signature of Reviewer

**William H. Shearpee**

### Signature of Compiler

**J. Honick**

### Signature of Supervisor

**Milton M. Slavney**

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**FORM 182**

**PHOTOGRAMMETRIC OFFICE REVIEW OF**

**T-9600**

**U.S. DEPARTMENT OF COMMERCE**

**COAST AND GEODETIC SURVEY**

**50.**

**USE REVERSE SIDE FOR REMARKS**
FIELD EDIT REPORT T-9800
(Shoreline)

51. METHODS

The shorelines were inspected by truck, skiff and walking. The
distance to the MML 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.

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

The changes were then transferred to the field edit sheet in-
cluded with this report.

52. ADEQUACY OF COMPILATION

The map compilation appears complete and adequate with the
excepton of the corrections and additions shown on the original field
edit sheet.

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.

James H. Blumer
LRG GA#S
Photo Hydrol Party 723
GEOGRAPHIC NAMES

T-9800 (Eagle Lake)

April Pool Point
Dickinson Bay
Eagle Point
Factory Bayou
Galveston Bay
Miller Point
Moses Lake

Red Top Camp
San Leon
Shell Island
Shell Point

A. J. Wright
Geographic Names
61. General Statement

This project is a continuation of mapping Project PH-5910 (21024). 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

<table>
<thead>
<tr>
<th>Survey</th>
<th>Scale (1:20,000)</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-283</td>
<td></td>
<td>1850</td>
</tr>
<tr>
<td>T-296</td>
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<td>1850</td>
</tr>
<tr>
<td>T-4660</td>
<td></td>
<td>1933</td>
</tr>
<tr>
<td>T-4867</td>
<td></td>
<td>1934</td>
</tr>
<tr>
<td>T-6051</td>
<td></td>
<td>1934</td>
</tr>
<tr>
<td>T-8944</td>
<td></td>
<td>1947</td>
</tr>
</tbody>
</table>

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>Agency</th>
<th>Scale (1:24,000)</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Texas City</td>
<td></td>
<td>1954</td>
</tr>
<tr>
<td>La Porte</td>
<td></td>
<td>1955</td>
</tr>
<tr>
<td>League City</td>
<td></td>
<td>1955</td>
</tr>
<tr>
<td>Bacliff</td>
<td></td>
<td>1956</td>
</tr>
<tr>
<td>Virginia Point</td>
<td></td>
<td>1956</td>
</tr>
</tbody>
</table>

There are cultural and shoreline differences but, in general the agreement is good.

64. Comparison with Contemporary Hydrographic Surveys

<table>
<thead>
<tr>
<th>Survey</th>
<th>Scale (1:10,000)</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>H-8693</td>
<td></td>
<td>1962</td>
</tr>
</tbody>
</table>

* Shoreline and control was furnished prior to hydrography and no changes of importance have been made.

* For correct pos. of Dickinson Bayou Channel Lights Nos. 2 and 14 see H-8693 (1962)

* Refer to Addendum to the Review Report (page 18) and Form 567 (page 20)
65. **Comparison with Nautical Charts**

- 588 1:10,000 1964
- 886 1:40,000 1963
- 1282 1:80,000 1953 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:  

[Signature]

L. C. Lande

Approved by:  

[Signature]

Charles A. Schurr  
Chief, Photogrammetric Branch  
Chief, Nautical Chart Division

[Signature]

J. W. Nangle  
Chief, Photogrammetry Division
REVIEW REPORT
Addendum
T-9800

The date of this survey is 1960-1962. Final review was completed in 1964.

Discrepancies - in the location of aids to navigation - between the subject survey and contemporary hydrographic survey H-8693 were reported to the Photogrammetry, Quality Control and Review Group by the hydrographic survey reviewers in 1966.

Three aids to navigation (lts. 2 and 14 and daybn. 5) have been replotted on the photogrammetric survey. The surveys are now in agreement. A Form 567 has been completed reflecting the current mapped positions of all aids on the map. A copy of the form has been furnished the Marine Charts Division. The form was not previously a part of the Descriptive Report.

S. G. Blankenbaker
**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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</thead>
<tbody>
<tr>
<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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<td></td>
<td></td>
<td></td>
<td>Full Part Before After Verification Review Inspection Signed Via Drawing No.</td>
</tr>
</tbody>
</table>
NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Washington, D. C.         July 11, 1966

I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks be charted on (deleted from) the charts indicated.

The positions given have been checked after listing by S. G. Blankenbaker

<table>
<thead>
<tr>
<th>STATE</th>
<th>Texas (T-9800)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>LT</td>
<td>Dickinson Bayou Channel</td>
</tr>
<tr>
<td>LT</td>
<td>Dickinson Bayou Channel</td>
</tr>
<tr>
<td>DAYBN</td>
<td>Dickinson Bayou Channel</td>
</tr>
<tr>
<td>DAYBN</td>
<td>Dickinson Bayou Channel</td>
</tr>
<tr>
<td>DAYBN</td>
<td>Dickinson Bayou Channel</td>
</tr>
<tr>
<td>*DAYBN</td>
<td>Dickinson Bayou Channel</td>
</tr>
</tbody>
</table>

*These positions were determined by the field inspection party (PH-6006) and reported to the Marine Charts Division (L540/62).

Daybns. 5 and 17 were located by the field edit party. No. 5 was relocated by the hydro party.

NOTE: Positions of the subject 6 aids are in agreement with positions shown H-8693, date, 1961.

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.