<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Shoreline (Photogrammetric)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field No.</td>
<td>Office No.</td>
</tr>
<tr>
<td></td>
<td>T-13015</td>
</tr>
<tr>
<td>Localities</td>
<td></td>
</tr>
<tr>
<td>State</td>
<td>Texas</td>
</tr>
<tr>
<td>General locality</td>
<td>Baffin Bay</td>
</tr>
<tr>
<td>Locality</td>
<td>Starvation Point</td>
</tr>
</tbody>
</table>

1967-68

Chief of Party
J. Bull, RADM, Director, Atlantic Marine Center

Library & Archives

Date
**DESCRIPTIVE REPORT - DATA RECORD**

**PROJECT NO. (III):**
PH-6711

**FIELD OFFICE (III):**
None

**PHOTOGRAMMETRIC OFFICE (III):**
Atlantic Marine Center

**CHIEF OF PARTY**
J. Bull, RADM, - Director

**INSTRUCTIONS DATED (III):**
FIELD
Feb. 7, 1967
AREROTRIANGULATION
May 18, 1967
OFFICE COMPIILATION
June 29, 1967

**METHOD OF COMPILATION (III):**
Wild B-8 Stereo-Plotter

<table>
<thead>
<tr>
<th>MANUSCRIPT SCALE (III):</th>
<th>STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:20,000</td>
<td>1:6666 pantographed to 1:20,000</td>
</tr>
</tbody>
</table>

**DATE RECEIVED IN WASHINGTON OFFICE (IV):**

**DATE REPORTED TO NAUTICAL CHART BRANCH (IV):**

**APPLIED TO CHART NO.:**

**DATE:**

**DATE REGISTERED (IV):**

**GEORGRAPHIC DATUM (III):**
N. A. 1927

**VERTICAL DATUM (III):**
MHW

**REFERENCE STATION (III):**
PORTALES, 1949 (North of North Limit)

<table>
<thead>
<tr>
<th>LAT.:</th>
<th>LONG.:</th>
</tr>
</thead>
<tbody>
<tr>
<td>27° 25' 59.487&quot; (1831.0M)</td>
<td>97° 36' 14.217&quot; (390.5M)</td>
</tr>
</tbody>
</table>

**PLANE COORDINATES (IV):**

<table>
<thead>
<tr>
<th>y = 643,122.81 ft.</th>
<th>x = 2,290,643.15 ft.</th>
</tr>
</thead>
</table>

**STATE:**
Texas

**ZONE:**
South

Roman numerals indicate whether the item is to be entered by (III) 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 (II):**

None

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

Air Photo Compilation  
Date of photography - March 25 & 26, 1967

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

A. E. Roundtree  
DATE: May 8, 1967

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

T. F. Van Scoy  
DATE: May 11, 1967

**CONTROL PLOTTED BY (III):**

F. P. Margiotta  
DATE: July 18, 1967

**CONTROL CHECKED BY (III):**

L. O. Neterer  
DATE: July 18, 1967

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

I. I. Saperstein  
DATE: July 19, 1967

**STEREOSCOPIC INSTRUMENT COMPILATION (III):**

<table>
<thead>
<tr>
<th>PLANIMETRY</th>
<th>Reviewed by:</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>W. S. Davis</td>
<td>Sept. 20, 1967</td>
</tr>
<tr>
<td></td>
<td>L. O. Neterer</td>
<td>Sept. 20, 1967</td>
</tr>
</tbody>
</table>

**CONTOURS: Inapplicable**

**MANUSCRIPT DELINEATED BY (III):**

B. L. Barge  
DATE: Oct. 25, 1967

**SCRIBING BY (III):**

F. P. Margiotta  
DATE: May 5, 1968

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

<table>
<thead>
<tr>
<th>COMPILATION</th>
<th>FIELD EDIT</th>
<th>SCRIBING &amp; STICK UP</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>R. J. Tate</td>
<td>R. R. White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nov. 13, 1967</td>
</tr>
<tr>
<td>Apr. 15, 1968</td>
</tr>
<tr>
<td>May 7, 1968</td>
</tr>
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</table>

**REMARKS:**

FIELD EDIT BY: E. W. Hartford  
DATE: March 18, 1968

*Refer to "Pre-Marking Report" attached
### DESCRIMENT REPORT - DATA RECORD

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

*Wild RC-8*

**USC&GS Type "L"**

<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>67L(c)402 thru 406</td>
<td>March 25, 1967</td>
<td>0307</td>
<td>1:40,000</td>
<td>See REMARKS</td>
</tr>
<tr>
<td>67L(c)429 thru 432</td>
<td>March 26, 1967</td>
<td>1054</td>
<td></td>
<td></td>
</tr>
<tr>
<td>67L(c)451 thru 453</td>
<td></td>
<td></td>
<td>1115</td>
<td></td>
</tr>
<tr>
<td>67L 508R thru 511R</td>
<td></td>
<td></td>
<td>1223</td>
<td></td>
</tr>
<tr>
<td>67L 588R thru 592R</td>
<td></td>
<td></td>
<td>1214</td>
<td></td>
</tr>
<tr>
<td>67L 669R thru 672R</td>
<td></td>
<td></td>
<td>1159</td>
<td></td>
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</tbody>
</table>

**PREDICTED TIDE (III):**

<table>
<thead>
<tr>
<th>REFERENCE STATION:</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Galveston, Texas</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
</tbody>
</table>

**SUBORDINATE STATION:**

*Aransas Pass *

**SUBORDINATE STATION:**

*Atlantic Marine Center *

**WASHINGTON OFFICE REVIEW BY (IV):**

*May 1969*

**DATE:**

**PROOF EDIT BY (IV):**

**DATE:**

**NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):**

1

**RECOVERED:**

1

**IDENTIFIED:**

1

**NUMBER OF BM(S) SEARCHED FOR (II):**

0

**RECOVERED:**

0

**IDENTIFIED:**

0

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

0

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

0

**REMARKS:**

*Refer to No. 3301, page 2h0, 1967 Tide Table. Diurnal Tide. Inside bay areas have a mean range of tide of less than 3/4 foot.*
<table>
<thead>
<tr>
<th>Compilation Record</th>
<th>Completion Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alongshore area for Hydro</td>
<td>October 25, 1967</td>
<td>Superseded</td>
</tr>
<tr>
<td>Field Edit applied</td>
<td>April 12, 1968</td>
<td>Superseded</td>
</tr>
<tr>
<td>Compilation Complete</td>
<td>Revised in Final Review</td>
<td>May 1969</td>
</tr>
</tbody>
</table>
SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-13015

Shoreline manuscript T-13015 is one of seven 1:20,000 scale maps that comprise Ph-6711. These maps are for the area of Baffin Bay, Texas, and that part of Laguna Madre at the entrance to Baffin Bay. The sketch on page 5 of this report shows the position of T-13015 in Ph-6711.

This is a stereo-instrument job in advance of hydrographic surveys of the area. There was no field inspection; field work preceding compilation consisted of locating and marking control before photography. An analytic bridge was run in the Washington Office using 1:60,000 RC-9 photography of March 25, 1967, from which pass points were identified and located for controlling the compilation photographs.

Color photographs at 1:40,000 scale were flown on March 25, 1967 with RC-8 camera (L); from which black and white dia-positives were made for instrument compilation, with ratio color prints furnished for photo-hydro, and ratio black and white prints for field edit. Infra-red 1:40,000 scale photographs were flown on March 26, 1967 with the RC-8 camera (L); from which ratio cronapaque prints were furnished for compilation of the mean high water line, and subsequently for photo-hydro support.

The map was field edited in March 1968. Field edit was done on an ozalid print, a cronaflex print and field edit photographs 67-L-429, 430, 432, and 452.

The map was scribed and stuck-up after applying the field edit.

Final review was done at the Atlantic Marine Center during May 1969.

The compilation manuscript was a vinylite sheet 7 minutes and 30 seconds in latitude and longitude. The smooth manuscript is on cronaflex for registry and record after final review.
FIELD INSPECTION REPORT
T-13015

There was no field inspection prior to compilation.
REPORT ON PRE-MARKING FOR
SHORELINE MAPPING OF
BAFFIN BAY, TEXAS
JOB PH-6711

Pre-marking of twelve horizontal control stations for shoreline
mapping of Baffin Bay, Texas, was done in accordance with project in-

Nine stations were marked by 12 foot square white plastic panels
pointed out by two 3 foot by 2½ foot wings, as in array no. 3 in the
instructions. Two or three of these stations differ significantly
from the standard array due to terrain conditions at the station sites.
These differences are adequately pointed out on the C S I Cards.

Three stations were marked by 12 foot equilateral triangles with three
3 by 2½ foot wings pointing them out. These targets are composed of white-
wash.

Six of the control stations were marked by placing the center panel directly
over the station, or as in the case of SALT 1912, over one of the reference
marks.

It was necessary to re-locate six of targets, due either to terrain condi-
tions, or the fact that the stations were outside the flight lines. The follow-
ing stations were marked direct:

LOS OLMO 1949 - MAP (west of) T-131½ Line 60-1
CRAWFORD 2, 1912 - MAP T-131½ Line 60-1
SALT, 1912 - MAP T-131½ Line 60-1 REFERENCE MARK
TANQUES DE LUIS WINDMILL, 1949 - MAP T-13013 Line 60-3
GRULLO, 1949 - MAP T-13014 Line 60-3
MIDWEST, 1939 - MAP (east of) T-13013 Line 60-3

Station SALT, 1912 reference mark was substituted for GRIFFUTS POINT 4, 1949.
TANQUES DE LUIS WINDMILL, 1949 was used in lieu of moving or relocating a
target from ROX, 1912, which was indicated on the project diagram.

The targets for the following stations were relocated:

KENNEDY RANCH WATER TANK 1931 MAP T-131½ Line 60-1
METHOD: Eccentric occupation - sun azimuth and distance.
FENNECAL 2, 1912 MAP T-131½ LINE 60-1
METHOD: Triangulation, with two measured bases.
KLEBERG 2, 1949 MAP northwest of T-1301½ LINE 60-3
METHOD: Eccentric occupation - Sun azimuth and distance.
PORTALES, 1949 MAP north of T-13011 LINE 60-3
METHOD: 2 point fix with three stations occupied.
HINDJOSO, 1949 MAP T-13013 LINE 60-3
METHOD: Angle and distance.
UNION, 1939 MAP east of T-13016 LINE 60-1
METHOD: Triangulation, w/measured base, sun azimuth and check azimuth.

All stations were marked and ready for photography on March 13, 1967 as per instructions. An additional week was needed to complete locations. Photography was flown on March 26, 1967.

No special problems were encountered. The landowners and/or managers were most cooperative and provided a lot of welcome assistance in recovering various stations. Special appreciation is extended to the National Park Service for the aid rendered in reaching the stations on Padre Island.

Many area residents state that they are looking forward, with expectations, to its issue of the new charts.

Distances were measured with a standardized steel tape using 20 lbs tension. Angular measurements were made with a wild T-2 theodolite. Four positions of the circle were used. Field computations were made where indicated.

Richard E. Kesselring
Surveying Technician

[Approval and forwarding]
PHOTOGRAMMETRIC PLOT REPORT
Job PH-6711
Baffin Bay, Texas

July 19, 1967

21. Area Covered

This report covers Baffin Bay, Texas, consisting of seven (7) 1:20,000 scale T-sheets, T-13013 thru T-13016 and T-13142 thru T-13144.

22. Method

Analytic aerotriangulation methods were used to bridge three strips of 1:60,000 scale panchromatic photography, taken with the RC-9, "M" camera. Common tie points were dropped from Strips 1 and 3 to control Strip 2.

Furthermore, points were measured on the bridging photography common with the 1:40,000 scale compilation "F" photography. The compilation photography consists of black and white diapositives printed from color film.

The attached sketch of the strips bridged shows the placement of triangulation furnished and those that were used in the final strip adjustment. Closures to control have been tabulated. State plane coordinates (Texas South Zone) have been furnished for all bridge points on the IBM readout.

23. Adequacy of Control

All horizontal control was premarked with white panels and no difficulty was encountered with the identification.

Although no control was available for Strip 2, tie points from Strips 1 and 3 were used in the adjustment of Strip 2 and is believed adequate.

Vertical control needed for the adjustment was taken from USGS quadrangles.
25. **Photography**

The definition and quality of the "M" photography was good. Photo coverage is inadequate to compile the southern half of T-13144.

In addition to the color photography, several strips of 1:40,000 scale infrared photography were flown and ratios were made to compilation scale along with the color photography on black and white base.

Because of the large water area it may be difficult to set models 67-L-452-453 and 453-454; therefore, in order to compile part of the shoreline on T-13143, several shoreline points were measured and identified on ratio prints 67-L-470R, 471R and 472R. It will be possible to compile this stretch of shoreline graphically, if unable to set the above models.

Respectfully submitted,

[Signature]

I. I. Saperstein

Approved and forwarded,

[Signature]

Henry P. Eichert
Acting Chief
Aerotriangulation Section
BAFFIN BAY, TEXAS
Fit to Control (feet)

**STRIP 1**

1. **KLEBERG 2, 1949** subpoint  
   \[ \begin{array}{c} x \\ y \end{array} = \begin{array}{c} -0.4 \\ -1.2 \end{array} \]

2. **CRULLO, 1949**  
   \[ \begin{array}{c} x \\ y \end{array} = \begin{array}{c} +0.2 \\ +2.4 \end{array} \]

3. **PORTALES, 1949** subpoint  
   \[ \begin{array}{c} x \\ y \end{array} = \begin{array}{c} -3.9 \\ +1.6 \end{array} \]

4. **HINDOSO, 1949** subpoint  
   \[ \begin{array}{c} x \\ y \end{array} = \begin{array}{c} 0.0 \\ -1.9 \end{array} \]

5. **TANQUES DE LUIS WINDMILL, 1949**  
   \[ \begin{array}{c} x \\ y \end{array} = \begin{array}{c} +1.2 \\ -1.9 \end{array} \]

6. **MIDWEST, 1939**  
   \[ \begin{array}{c} x \\ y \end{array} = \begin{array}{c} 0.0 \\ +0.7 \end{array} \]

**STRIP 2**

<table>
<thead>
<tr>
<th>Station</th>
<th>X</th>
<th>Y</th>
</tr>
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<tbody>
<tr>
<td>18801</td>
<td>-4.4</td>
<td>-2.9</td>
</tr>
<tr>
<td>18802</td>
<td>-5.2</td>
<td>-6.6</td>
</tr>
<tr>
<td>18803</td>
<td>-1.2</td>
<td>+1.1</td>
</tr>
<tr>
<td>18804</td>
<td>-0.9</td>
<td>-1.4</td>
</tr>
<tr>
<td>20801</td>
<td>+0.5</td>
<td>-1.9</td>
</tr>
<tr>
<td>20802</td>
<td>+4.7</td>
<td>-0.7</td>
</tr>
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<td>20803</td>
<td>+1.7</td>
<td>+13.0</td>
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<tr>
<td>22801</td>
<td>+2.6</td>
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<td>22802</td>
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<td>-8.0</td>
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<tr>
<td>25801</td>
<td>-2.3</td>
<td>+2.5</td>
</tr>
<tr>
<td>25802</td>
<td>-0.4</td>
<td>+2.6</td>
</tr>
<tr>
<td>25803</td>
<td>+0.9</td>
<td>-0.1</td>
</tr>
<tr>
<td>25804</td>
<td>-2.9</td>
<td>-3.7</td>
</tr>
</tbody>
</table>

**STRIP 3**

7. **LOS OLMOS, 1949**  
   \[ \begin{array}{c} x \\ y \end{array} = \begin{array}{c} -0.3 \\ -0.3 \end{array} \]

8. **KENEDY RANCH WATER TANK, 1931** subpoint  
   \[ \begin{array}{c} x \\ y \end{array} = \begin{array}{c} -0.5 \\ +1.9 \end{array} \]

9. **CRAWFORD 2, 1912**  
   \[ \begin{array}{c} x \\ y \end{array} = \begin{array}{c} -0.7 \\ -3.7 \end{array} \]
<table>
<thead>
<tr>
<th>Strip 3</th>
<th>Point</th>
<th>Subpoint</th>
<th>$x$</th>
<th>$y$</th>
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</thead>
<tbody>
<tr>
<td>10</td>
<td>PeneScal 2, 1912</td>
<td>subpoint</td>
<td>+0.6</td>
<td>+2.7</td>
</tr>
<tr>
<td>11</td>
<td>Salt RM, 1912</td>
<td></td>
<td>-1.8</td>
<td>+2.8</td>
</tr>
<tr>
<td>12</td>
<td>UNION, 1939</td>
<td>subpoint</td>
<td>-0.2</td>
<td>-0.6</td>
</tr>
</tbody>
</table>
31. **DELINEATION:**

   Roads and trails were delineated with the Wild B-8 instrument, and shoreline points were dropped to control the MHWL and other details. All other details were delineated graphically.

   There was no field inspection.

   The photography was adequate.

32. **CONTROL:**

   See Photogrammetric Plot Report.

33. **SUPPLEMENTAL DATA:**

   None

34. **CONTOURS AND DRAINAGE:**

   Contours are inapplicable.

   Drainage was delineated from office interpretation of the photographs.

35. **SHORELINE AND ALONGSHORE DETAILS:**

   The low-water line was delineated from office interpretation of the photographs.

36. **OFFSHORE DETAILS:**

   Offshore details were delineated from the offshore ratio photographs.

37. **LANDMARKS AND AIDS:**

   Appropriate copies of Form 567 for Landmarks and Aids have been submitted to the Washington office under date April 12, 1968.
38. CONTROL FOR FUTURE SURVEYS:
None

39. JUNCTIONS:
Junctions are in agreement with T-13016 to the east, T-13014 to the west, T-13143 to the south. There is no contemporary survey to the north.

40. HORIZONTAL AND VERTICAL ACCURACY:
No statement.

46. COMPARISON WITH EXISTING MAPS:
A comparison has been made with USGS Quadrangle KLEBERG POINT, TEXAS, scale 1:24,000, dated 1951.

47. COMPARISON WITH NAUTICAL CHARTS:
Intracoastal Waterway Chart 694 covers about 55% of this map.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:
None.

ITEMS TO BE CARRIED FORWARD:
None

Approved and forwarded: Submitted:

J. Bull, RADM, USESSA  B. L. Barge
Director, Atlantic Marine Center  Cartographic Aid
GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6711 (Baffin Bay, Texas)
T-13015

- Aceitero Flowing Well
- Alazan Bay
- Baffin Bay
- Camiseta Flowing Well
- Cayo del Infiernillo
- Comitas Lake
- East Kleberg Point
- Infiernillo Artesian Well
- Kleberg Point
- Starvation Point
- Tiburcio Artesian Well
* Vibora Windmill

* Not used, beyond limits compiled on this shoreline survey

Approved by:
A. J. Wright
Chief Geographer

Prepared by:
Frank W. Pickett
Cartographic Technician
49. **NOTES FOR THE HYDROGRAPHER**

Predicted tide table indicate a range of tide within these surveys of less than one-half foot. The MHWL was compiled from infrared photos believed to be at or near MHW, but occasional measurements from identifiable photo points to the MHWL should be made to verify the compilation.

The USGS Quadrangle maps indicate many of the foreshore areas as occasionally inundated. Verify and/or correct the compilation of the MHWL as regards this inundation.

There was no field inspection prior to compilation.
<table>
<thead>
<tr>
<th>1. PROJECTION AND GRIDS</th>
<th>2. TITLE</th>
<th>3. MANUSCRIPT NUMBERS</th>
<th>4. MANUSCRIPT SIZE</th>
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</thead>
<tbody>
<tr>
<td>RJP</td>
<td>RJP</td>
<td>RJP</td>
<td>RJP</td>
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</table>

**CONTROL STATIONS**

<table>
<thead>
<tr>
<th>5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY</th>
<th>6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations)</th>
<th>7. PHOTO HYDRO STATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>XX</td>
<td>LLG</td>
<td>XX</td>
</tr>
</tbody>
</table>

**BENCHMARKS**

<table>
<thead>
<tr>
<th>8. BENCHMARKS</th>
<th>9. PLOTTING OF SEXTANT FIXES</th>
<th>10. PHOTOGRAMMETRIC PLOT REPORT</th>
<th>11. DETAIL POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>XX</td>
<td>XX</td>
<td>Bridge (W.O.)</td>
<td>Wild B-8</td>
</tr>
</tbody>
</table>

**ALONGSHORE AREAS (Nautical Chart Data)**

<table>
<thead>
<tr>
<th>12. SHORELINE</th>
<th>13. LOW-WATER LINE</th>
<th>14. ROCKS, SHOALS, ETC.</th>
<th>15. BRIDGES</th>
</tr>
</thead>
<tbody>
<tr>
<td>RJP</td>
<td>RJP</td>
<td>RJP</td>
<td>XX</td>
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</tbody>
</table>

**AIDS TO NAVIGATION**

<table>
<thead>
<tr>
<th>16. AIDS TO NAVIGATION</th>
<th>17. LANDMARKS</th>
<th>18. OTHER ALONGSHORE PHYSICAL FEATURES</th>
<th>19. OTHER ALONGSHORE CULTURAL FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>LLG</td>
<td>LLG</td>
<td>RJP</td>
<td>RJP</td>
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**PHYSICAL FEATURES**

<table>
<thead>
<tr>
<th>20. WATER FEATURES</th>
<th>21. NATURAL GROUND COVER</th>
<th>22. PLANETARY Contours</th>
</tr>
</thead>
<tbody>
<tr>
<td>RJP</td>
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<td>XX</td>
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</table>

**STEREOSCOPIC INSTRUMENT CONTOURS**

<table>
<thead>
<tr>
<th>23. STEREOSCOPIC INSTRUMENT CONTOURS</th>
<th>24. CONTOURS IN GENERAL</th>
<th>25. SPOT ELEVATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>XX</td>
<td>XX</td>
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</table>

**CULTURAL FEATURES**

<table>
<thead>
<tr>
<th>26. BUILDINGS</th>
<th>27. ROADS</th>
<th>28. RAILROADS</th>
<th>29. OTHER CULTURAL FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>XX</td>
<td>RJP</td>
<td>XX</td>
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**BOUNDARIES**

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<tr>
<th>30. OTHER CULTURAL FEATURES</th>
<th>31. BOUNDARY LINES</th>
<th>32. PUBLIC LAND LINES</th>
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**MISCELLANEOUS**

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<th>35. LEGIBILITY OF THE MANUSCRIPT</th>
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**DISCREPANCY OVERLAY**

<table>
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<tr>
<th>36. DISCREPANCY OVERLAY</th>
<th>37. DESCRIPTIVE REPORT</th>
<th>38. FIELD INSPECTION PHOTOGRAPHS</th>
<th>39. FORMS</th>
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**REVIEWER**

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<tr>
<th>REVIEWER</th>
<th>SUPERVISOR, REVIEW SECTION OR UNIT</th>
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<tbody>
<tr>
<td>R. J. Pate</td>
<td>A. C. Rauch, Jr.</td>
</tr>
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</table>

**COMPILED BY**

<table>
<thead>
<tr>
<th>COMPILER</th>
<th>SUPERVISOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>L. L. Graves</td>
<td>A. C. Rauch, Jr.</td>
</tr>
</tbody>
</table>

**REMARKS**

Field edit was applied from Field edit ozalid T-13015, Cronaflex T-13015, and photographs 67L-429, 430, 432, 452.
FIELD EDIT REPORT
BAFFIN BAY, TEXAS
PH-6711

GENERAL NOTES

This report is submitted for seven (7) sheets, field edited March 4 through March 15, 1968. All field edit notes were made in violet ink on the discrepancy prints and were referenced to photographs.

52 ADEQUACY OF COMPILATION

The compilation of buildings, roads and trails, flood areas, and all shoreline features appeared to be good. Location of rocks compiled was found to be very good. Most piers compiled are now in ruins.

54 RECOMMENDATIONS

NONE

56 ROCKS

All rocks in question were verified and noted on the discrepancy print. These rocks are a marine growth formed from worms and shells; this hard substance is locally known as wormrock. Therefore very few rocks bare; only one area, Pt. Penascal, that these rocks bare one to two feet. One rock was located at the edge of the Intracoastal Waterway. This rock is very near the edge of the channel, and just south of Light 115. It was located by sextant fix and plotted on the cronsflex copy (sheet T-13016).

A sextant fix was taken on rocks awash at Point Penascal; this is a rocky area that extends north from rocks that bare at Pt. Penascal.

There are many submerged rocks in Baffin Bay. These rocks should be located by the Hydro Party, for they would be very difficult to find by random searching.

57 WELLS AND PIPELINES

All wells were located from the photos except one; it was located by intersection method. Numerous pipelines at the head of CAYO DEL GRULLO were not shown. This water is mostly too shallow for navigation. Two wells have no pipelines running from them. The location of wells and pipelines are noted on photos 67-430, 448, and 449.
58 LANDMARK BUILDINGS AND BLUFFS

Compilation of this feature is good. It is recommended that most all buildings be charted as there are so few in the area. Deletions are shown on the discrepancy sheet and additions are on photos 67-410, 426, 434, 448, and 449.

There are very few Bluffs; ones recommended for charting are noted on photos 67-399, 429, 430, 434, and 452.

59 BOAT RAMPS AND MHW DISTANCES

There are only three (3) boat ramps in the Bay at present. They are noted on the discrepancy sheet and referenced to photos.

There is no evidence of any change in the MHWL since photography. Several places were visually checked, and a few distances were taped; these are shown on photos 67-399, 426, 429, 430, 432, 452, and 456.

60 NAUTICAL AIDS AND LANDMARKS

There are numerous Lights, and Platforms along the Intracoastal Waterway. These were located by radial plots, excepting two Daybeacons and several pile, were located by sextant fix and plotted directly on the cronaflex copy.

There are 37 new daybeacons in sheets T-13014, 15, and 16; these were located by intersection method. Corner and end daybeacons were checked with a no-check coordinate position and scaled on the cronaflex copy. These are a single pile about 15 or 16 feet above the water with a red triangle at the top with reflective numbers.

There are only a few nautical landmarks consisting mainly of Windmills, and one Tower. These were used as photo-hydro stations, and were plotted directly on the cronaflex copy with the height and year.

All field edit notes are in violet ink, and are found on the following photos: 67-399, 410, 426, 429, 430, 432, 434, 448, 449, 452, and 456.

Forms 567 submitted in duplicate for all aids and naut. landmarks.

18 March 1968
Submitted by:

E. W. Hartford
Surveying Technician
## Nonfloating Aids or Landmarks for Charts

**Atlantic Marine Center**  
**April 12, 1968**

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by

**L. L. Graves**

**Chief Party:**

<table>
<thead>
<tr>
<th><strong>STATE</strong></th>
<th><strong>TEXAS</strong></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>CHARTING NAME</strong></th>
<th><strong>DESCRIPTION</strong></th>
<th><strong>SIGNAL NAME</strong></th>
<th><strong>LATITUDE</strong></th>
<th><strong>LONGITUDE</strong></th>
<th><strong>DATUM</strong></th>
<th><strong>METHOD OF LOCATION</strong></th>
<th><strong>DATE OF LOCATION</strong></th>
<th><strong>SHORES AFFECTED</strong></th>
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<td>27.15</td>
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<td>10.22</td>
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<td>Feb. 1968</td>
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</table>

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if re-determined, 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.
I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by L. L. Graves

Atlantic Marine Center April 12, 1968
L. L. Graves

<table>
<thead>
<tr>
<th>STATE</th>
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<tbody>
<tr>
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<td>DAYBEACON 58</td>
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<tr>
<td>DAYBEACON 68</td>
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* 893SC is a proposed Small Craft Chart

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-19, 6-36, 7-18 to 22 inclusive, and Fig. 79. 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.
## NONFLOATING MARKS OR LANDMARKS FOR CHARTS

**Atlantic Marine Center**  
April 12, 1968

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by **L. L. Graves**

**Chief of Party, AMC**

<table>
<thead>
<tr>
<th>State</th>
<th>Charting Name</th>
<th>Description</th>
<th>Signal Name</th>
<th>Position</th>
<th>Method of Location and Survey</th>
<th>Date of Location</th>
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* 893SC is a proposed Small Craft Chart

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61. GENERAL STATEMENT:

See summary on page 6 of this Descriptive Report.

An ozalid Comparison Print (pages 27 through 32), which shows the differences noted in items 62 and 64, is included with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

T-9196; 1:20,000; Field Completion 1951

The T-9196 differences with T-13015 are shown on the Comparison Print in blue.

The shoreline of the two surveys is in generally good agreement. Differences are noted at sand pits and the small islets, and areas at bay and flooded area entrances, see pages 27 thru 32.

All of the aids to navigation on Baffin Bay on this survey are new since T-9196 was compiled, see pages 30, 31, and 32.

Three of the landmarks on this survey are new since T-9196, see pages 28, 29, and 30.

This survey supersedes the previously registered survey for nautical chart construction.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

U.S.G.S. Quad KLEBERG POINT, TEXAS; 1:24,000; field check 1951.

The quadrangle is a reduction of T-9196, see Item 62, and the same comparison applies.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Boat sheet H-9002 (745-20-1-68); 1:20,000; 1968
H9005 (745-20-2-68); 1:20,000; 1968

Boat sheet H-9002 eastern limits is longitude 97° 33'; where it joins H-9005. It is noted that all the data from H-9005 is from a mylar overlay of the boat sheet, because the actual boat sheet was lost in a launch sinking. The hydrographers differences with this survey are shown on the Comparison Print in green.
The hydrographic surveys show a "pipe" (page 30), a "post" (page 30), and numerous rocks, see pages 30 thru 32, that are not on T-13015, they are not visible on the photographs and were not identified by the field editor. Please refer to the field editors comment on "rocks" in paragraph 3 of Item 56 in this Descriptive Report.

65. **COMPARISON WITH NAUTICAL CHARTS**


The western limits of the chart fall near longitude 97° 34'. Comparison by projector reveals that registered survey T-9196 was the source for the chart planimetry, the chart shoreline almost exactly coinciding with the T-9196 shoreline.

No soundings, rocks or aids to navigation are on the position of Chart 894 covered by this survey.

66. **ADEQUACY OF RESULTS AND FUTURE SURVEYS**

This survey complies with the job instructions, Bureau requirements, and the National Standards for Map Accuracy. No accuracy tests were run in the field.

Approved by:  
Allen L. Powell, RADM, USESSA  
Director, Atlantic Marine Center

Reviewed by:  
M. M. Slavney

Approved by:  
Chief, Cartographic Branch

Reviewed by:  
Chief, Photogrammetry Division

Chief, Chart Division  
Chief, Operations Division
The photogrammetric location and delineation of features offshore from the mean high-water line in this survey may not be complete or final. The contemporary reviewed hydrographic survey of the area, when available, should be consulted for the final delineation.
West limits
Starvation Point
Covered lift at MLW

N B A Y

Baffin Bay Daybeacon 52 1968
Baffin Bay Daybeacon 50 1968
Baffin Bay Daybeacon 44 1968
Baffin Bay Daybeacon 44 1968
Baffin Bay Daybeacon 42 1968

67-L-452
67-L-471R
NOTES TO VERIFIER
T-13015 JOB PH-6711
BOAT SHEET NO. H-9002 (745-20-1-68), H-9005 (745-20-2-68)

Please note Item 64 of the Descriptive Report for T-13015 and pages 27 thru 32.