

13142

Original

13142

FORM C&GS-504	
U.S. DEPARTMENT OF COMMERCE ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	Shoreline (Photogrammetric)
Field No.	Office No. T-13142
LOCALITY	
State	Texas
General locality	Baffin Bay
Locality	La Parra Landing (South of)
1967-68	
CHIEF OF PARTY	
J. Bull, RADM, Director, Atlantic Marine Ctr.	
LIBRARY & ARCHIVES	
DATE	

DESCRIPTIVE REPORT - DATA RECORD

T - 13142

PROJECT NO. (II):		
PH-6711		
FIELD OFFICE (II):	CHIEF OF PARTY	
None		
PHOTOGRAMMETRIC OFFICE (III):	OFFICER-IN-CHARGE	
Atlantic Marine Center	J. Bull, RADM, - Director	
INSTRUCTIONS DATED (II) (III):		
FIELD AEROTRIANGULATION OFFICE COMPILATION	February 7, 1967 May 18, 1967 June 29, 1967	
METHOD OF COMPILATION (III):		
Graphic		
MANUSCRIPT SCALE (III):	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):	
1:20,000	Inapplicable	
DATE RECEIVED IN WASHINGTON OFFICE (IV):	DATE REPORTED TO NAUTICAL CHART BRANCH (IV):	
APPLIED TO CHART NO.	DATE:	DATE REGISTERED (IV):
GEOGRAPHIC DATUM (III):	VERTICAL DATUM (III):	
NA 1927	MHW	
	<del>XXXXXXXXXX</del> 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 <del>XXXXXXXXXX</del>	
REFERENCE STATION (III):		
LOS OLMOS, 1949 ✓		
LAT.:	LONG.:	<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED
27° 13' 20.693" 636.9M ✓	97° 47' 20.148" 554.4M ✓	
PLANE COORDINATES (IV):		STATE
= 566,125.28 ft. ✓	X = 2,231,075.14 ft. ✓	Texas ✓
		ZONE
		South ✓
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 (II):  None *		DATE:
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):  Air Photo Compilation - March 25 & 26, 1967		
PROJECTION AND GRIDS RULED BY (IV):  A. E. Roundtree		DATE  May 3, 1967
PROJECTION AND GRIDS CHECKED BY (IV):  T. F. Van Scoy		DATE  May 11, 1967
CONTROL PLOTTED BY (III):  F. P. Margiotta		DATE  July 17, 1967
CONTROL CHECKED BY (III):  L. O. Neterer		DATE  July 17, 1967
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):  I. I. Saperstein		DATE  July 19, 1967
STEREOSCOPIC INSTRUMENT COMPILATION (III):  Inapplicable	PLANIMETRY	DATE
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III):  B. Wilson		DATE  Oct. 23, 1967
SCRIBING BY (III):  R. R. White		DATE  Apr. 6, 1968
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): Compilation - - - - - R. J. Pate Field Edit - - - - - L. L. Graves Scribing & Stick-up - - - - R. E. Smith		DATE Nov. 16, 1967 March 29, 1968 Apr. 8, 1968
REMARKS:  FIELD EDIT BY: E. W. Hartford  March 18, 1968  *Refer to "Pre-Marking Report" attached		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

*Wild RC-8*  
*USCGS Type "L"*

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
<i>Note: This manuscript was compiled from photographs listed with T-13014</i>				
<i>67-L-449 &amp; 450</i>	<i>3/26/69</i>	<i>1115</i>	<i>1:40,000</i>	<i>See Remarks*</i>
<i>67-L-467R thru 469R</i>	<i>"</i>	<i>1159</i>	<i>"</i>	<i>"</i>

TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: *			
SUBORDINATE STATION: *			
SUBORDINATE STATION:			

Atlantic Marine Center  
WASHINGTON OFFICE REVIEW BY (IV):

*M. M. Slavney*  
*M. M. SLAVNEY*

DATE:  
*MAY 1969*

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

*2*

RECOVERED:

*2*

IDENTIFIED:

*2*

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

*0*

RECOVERED:

IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

*0*

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

*0*

REMARKS:

*\* = The 1967 Tide Table states "inside, in the various bays, except near the inlets, the periodic tide has a mean range of less than one-half foot!"*

T-13142

COMPILATION RECORD

COMPLETION DATE

REMARKS

COMPILATION RECORD	COMPLETION DATE	REMARKS
Alongshore area for Hydro	October 23, 1967	Superseded
Field Edit applied	March 28, 1968	<i>Superseded</i>
<i>Final Review</i>	<i>May 1969</i>	

SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT T-13142

Shoreline manuscript T-13142 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-13142 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 (M) 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 diapositives 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 cronapague 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 and on ratio cronapague photograph 67-L-467R.

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

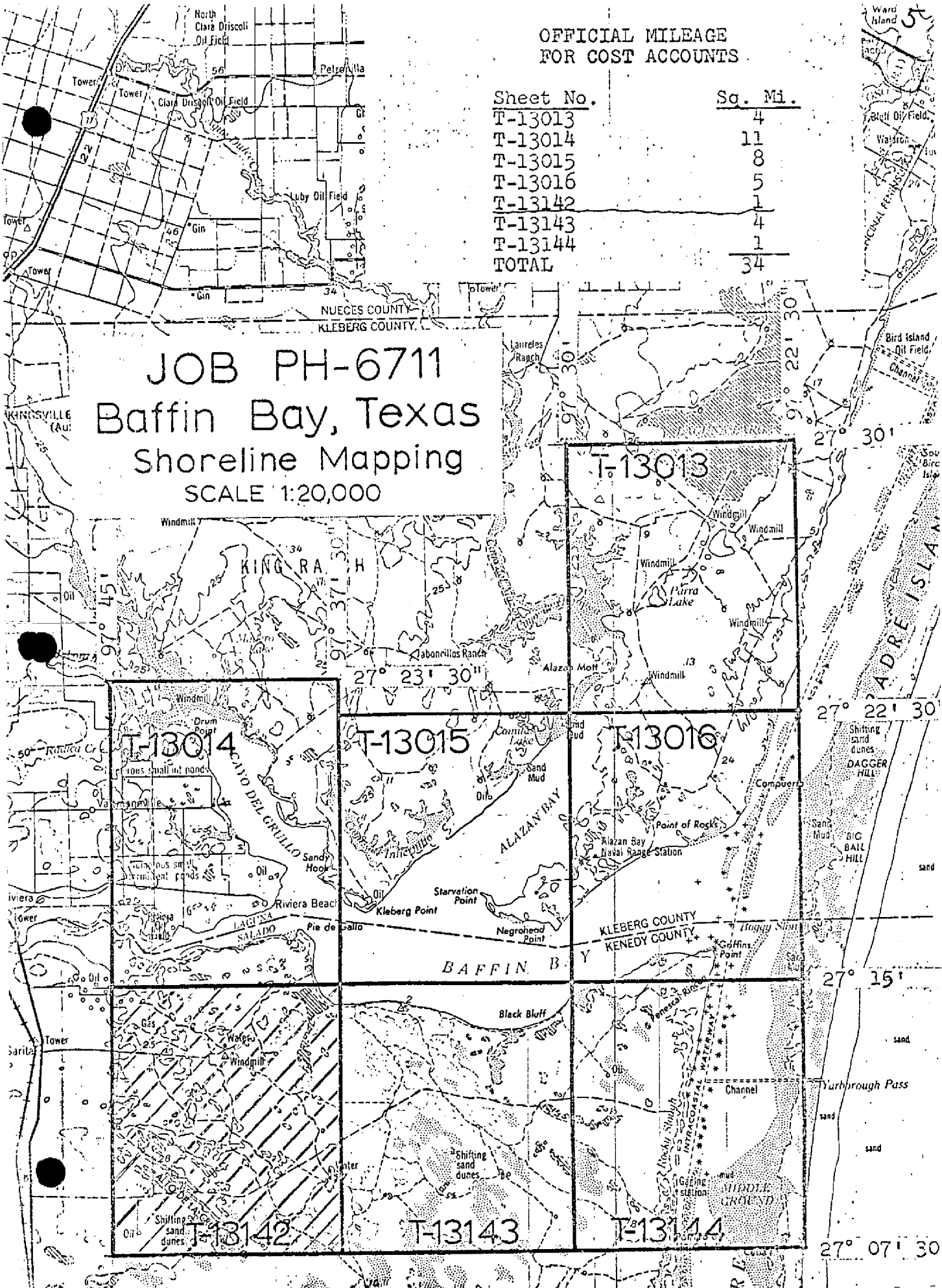
Final Review was done at the Atlantic Marine Center during May 1969.

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 records after final review.

OFFICIAL MILEAGE  
FOR COST ACCOUNTS

Sheet No.	Sq. Mi.
T-13013	4
T-13014	11
T-13015	8
T-13016	5
T-13142	1
T-13143	4
T-13144	1
<b>TOTAL</b>	<b>34</b>

**JOB PH-6711**  
**Baffin Bay, Texas**  
**Shoreline Mapping**  
SCALE 1:20,000



FIELD INSPECTION REPORT  
T-13142

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 instructions dated February 7, 1967.

Nine stations were marked by 12 foot square white plastic panels pointed out by two 3 foot by 24 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 24 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 conditions, or the fact that the stations were outside the flight lines. The following stations were marked direct:

- LOS OLMOS 1949 - MAP (west of) T-13142 Line 60-1
- CRAWFORD 2, 1912 - MAP T-13143 Line 60-1
- SALT, 1912 - MAP T-13144 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:

- KENEDY RANCH WATER TANK 1931 MAP T-13142 Line 60-1  
METHOD: Eccentric occupation - sun azimuth and distance.
- PENESCAL 2, 1912 MAP T-13144 LINE 60-1  
METHOD: Triangulation, with two measured bases.
- KLEBERG 2, 1949 MAP northwest of T-13014 LINE 60-3  
METHOD: Eccentric occupation - Sun azimuth and distance.

9

PORTALES, 1949 MAP north of T-13014 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*

Richard E. Kesselring  
Surveying Technician

*Approved and forwarded*

*James K. Wilson*  
*Chief Photo Party 62*

*4/15/67*

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 "E" 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 U.S.S 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,



I. I. Saperstein

Approved and forwarded,



Henry P. Eichert  
Acting Chief  
Aerotriangulation Section

BAFFIN BAY, TEXAS  
Fit to Control (feet)

STRIP 1

		x	y
1.	KLEBERG 2, 1949 subpoint	-0.4	-1.2
2.	CRULLO, 1949	+0.2	+2.4
3.	PORTALES, 1949 subpoint	-3.9	+1.6
4.	HINDJOSO, 1949 subpoint	0.0	-1.9
5.	TANQUES DE LUIS WINDMILL, 1949	+1.2	-1.9
6.	MIDWEST, 1939	0.0	+0.7

STRIP 2

18801	-4.4	- 2.9
18802	-5.2	- 6.6
18803	-1.2	+ 1.1
18804	-0.9	- 1.4
20801	+0.5	- 1.9
20802	+4.7	- 0.7
20803	+1.7	+13.0
22801	+2.6	- 1.1
22802	-1.6	- 8.0
25801	-2.3	+ 2.5
25802	-0.4	+ 2.6
25803	+0.9	- 0.1
25804	-2.9	- 3.7

STRIP 3

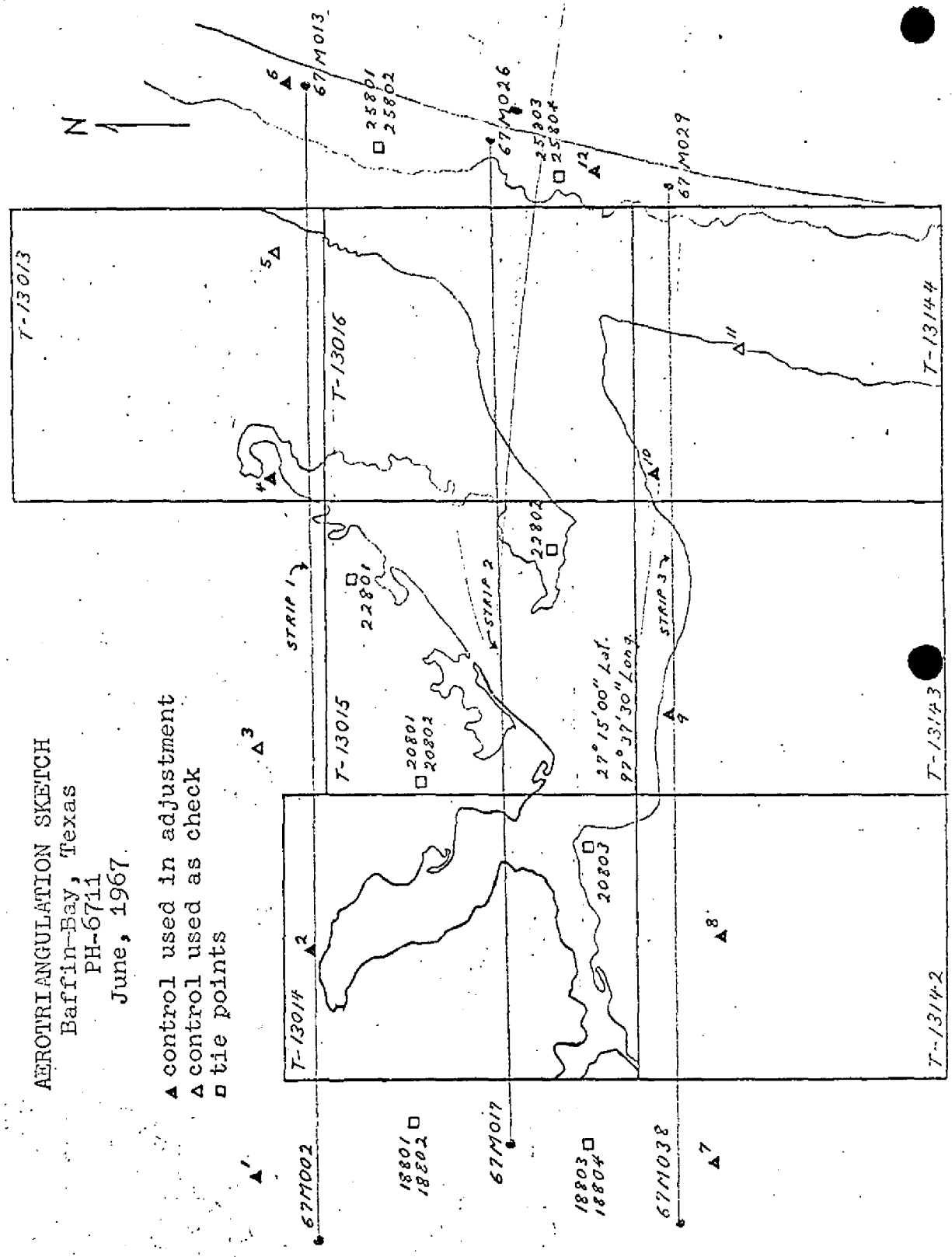
7.	LOS OLMOS, 1949	-0.3	-0.3
8.	KENEDY RANCH WATER TANK, 1931 subpoint	-0.5	+1.9
9.	CRAWFORD 2, 1912	-0.7	-3.7

BAFFIN BAY, TEXAS, Fit to Control, cont.  
STRIP 3

	x	y
10. PENESCAL 2, 1912 subpoint	+0.6	+2.7
11. SALT RM, 1912	-1.8	+2.8
12. UNION, 1939 subpoint	-0.2	-0.6

AEROTRIANGULATION SKETCH  
 Baffin-Bay, Texas  
 PH-6711  
 June, 1967

- ▲ control used in adjustment
- △ control used as check
- tie points







COMPILATION REPORT  
T-13142

31. DELINEATION:

There was no field inspection. This area was compiled graphically from points established in the aerotriangulation "bridge". Photography was satisfactory.

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:

No low water line was shown.

36. OFFSHORE DETAILS:

None

37. LANDMARKS AND AIDS:

None

38. CONTROL FOR FUTURE SURVEYS:

None

39. JUNCTIONS:

Satisfactory junctions have been made with T-13014 to the north, and T-13143 to the east. There are no contemporary surveys to the south and to the west.

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

46. COMPARISON WITH EXISTING MAPS:

Comparison has been made with USGS quadrangle LA PARRA RANCH, TEXAS, scale 1:24,000, dated 1952. There is close agreement between the two.

47. COMPARISON WITH NAUTICAL CHARTS:

There is no prior coverage of this part of Baffin Bay by nautical charts.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None

ITEMS TO BE CARRIED FORWARD:

None

Approved and forwarded:

*P. A. Stark*  
 J. Bull, RADM, USESSA  
 Director, Atlantic Marine Center

Submitted:

*B. Wilson*  
 B. Wilson  
 Cartographic Technician

May 11, 1967

48: GEOGRAPHIC NAMES  
FINAL NAME SHEET

PH-6711 (Baffin Bay, Texas)  
T-13142

- \*Atravesada
- \*Baffin Bay
- \*Bordas
- \*Labores
- \*La Parra Ranch
- \*Las Flores
- \*Miralejos
- \*Padre Aleijos
- \*Pete
- \*Riskins
- \*Tacolote

*"i" is not used on the  
"Name Standard"*

*\*=BEYOND DELINEATION LIMITS OF SHORELINE SURVEY*

Approved by:

*A. Joseph Wraight*  
A. Joseph Wraight  
Chief Geographer

Prepared by:

*Frank W. Pickett*  
Frank W. Pickett  
Cartographic Technician

T-13142

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.

PHOTOGRAMMETRIC OFFICE REVIEW  
T-13142

1. PROJECTION AND GRIDS RJP	2. TITLE RJP	3. MANUSCRIPT NUMBERS RJP	4. MANUSCRIPT SIZE RJP
<b>CONTROL STATIONS</b>			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY RJP	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) X	7. PHOTO HYDRO STATIONS X	
8. BENCH MARKS X	9. PLOTTING OF SEXTANT FIXES X	10. PHOTOGRAMMETRIC PLOT REPORT Bridge (W.O.)	11. DETAIL POINTS RJP
<b>ALONGSHORE AREAS (Nautical Chart Data)</b>			
12. SHORELINE RJP	13. LOW-WATER LINE X	14. ROCKS, SHOALS, ETC. X	15. BRIDGES X
16. AIDS TO NAVIGATION X	17. LANDMARKS X	18. OTHER ALONGSHORE PHYSICAL FEATURES RJP	19. OTHER ALONGSHORE CULTURAL FEATURES RJP
<b>PHYSICAL FEATURES</b>			
20. WATER FEATURES X	21. NATURAL GROUND COVER RJP		22. PLANETABLE CONTOURS X
23. STEREOSCOPIC INSTRUMENT CONTOURS X	24. CONTOURS IN GENERAL X	25. SPOT ELEVATIONS X	26. OTHER PHYSICAL FEATURES RJP
<b>CULTURAL FEATURES</b>			
27. ROADS X	28. BUILDINGS X	29. RAILROADS X	30. OTHER CULTURAL FEATURES RJP
<b>BOUNDARIES</b>			
31. BOUNDARY LINES X		32. PUBLIC LAND LINES X	
<b>MISCELLANEOUS</b>			
33. GEOGRAPHIC NAMES RJP	34. JUNCTIONS RJP		35. LEGIBILITY OF THE MANUSCRIPT RJP
36. DISCREPANCY OVERLAY X	37. DESCRIPTIVE REPORT RJP	38. FIELD INSPECTION PHOTOGRAPHS X	39. FORMS RJP
40. REVIEWER R. J. Pate 11/16/67		SUPERVISOR, REVIEW SECTION OR UNIT Albert C. Rauck, Jr. A. C. Rauck, Jr.	
41. REMARKS (See attached sheet)			
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT			
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.			
COMPILER L. L. Graves 3/28/68 Reviewed by: L. L. Graves 3/29/68		SUPERVISOR Albert C. Rauck, Jr. A. C. Rauck, Jr.	
43. REMARKS  Field Edit applied from T-13142 ozalid & F.E. cranapague ratio photo 67-L-467R			

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 cronaflex 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, <sup>Piles,</sup> and Platforms along the Intracoastal Waterway. These were located by radial plots, *excepting* two Daybeacons and several pile<sup>which</sup> 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*  
E. W. Hartford  
Surveying Technician

REVIEW REPORT T-13142  
SHORELINE  
May, 1969

61. GENERAL STATEMENT

See Summary on page 6 of this Descriptive Report.

The northern third of T-13142 is the only part of the projection with photographic coverage, and it is also the only part which contains any shoreline.

An ozalid Comparison Print (page 24) which shows the differences noted in item 62, is included with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Registered Survey T-9199; 1:20,000; Field Completion 1952.

The maps are in good agreement, with the few minor differences shown in blue on the Comparison Print, see page 24.

T-13142 supersedes the previously registered survey for nautical chart construction.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

U.S.G.S. quad LAPARRA RANCH, TEXAS: 1:24,000; Field check 1952.

The quadrangle is a reduction of T-9199 and the same general agreement exists, see item 62.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

H-9002 (745-20-1-68); 1:20,000; 1968

The boat sheet differences with T-13141 are on the comparison print in green.

There is a shoreline change at  $27^{\circ} 14.65'$ ,  $97^{\circ} 38.06'$ , see page 24.

The small differences in the boat sheet position of the two fences that extend into Baffin Bay probably arose in transferring from the field editor's Cronaflex to the boat sheet.



65. COMPARISON WITH NAUTICAL CHARTS

There is no nautical chart coverage of T-13142 at this time.

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*  
Allen L. Powell, RADM, USESSA  
Director, Atlantic Marine Center

Reviewed by:

*M. M. Slavney*  
M. M. Slavney

Approved by:

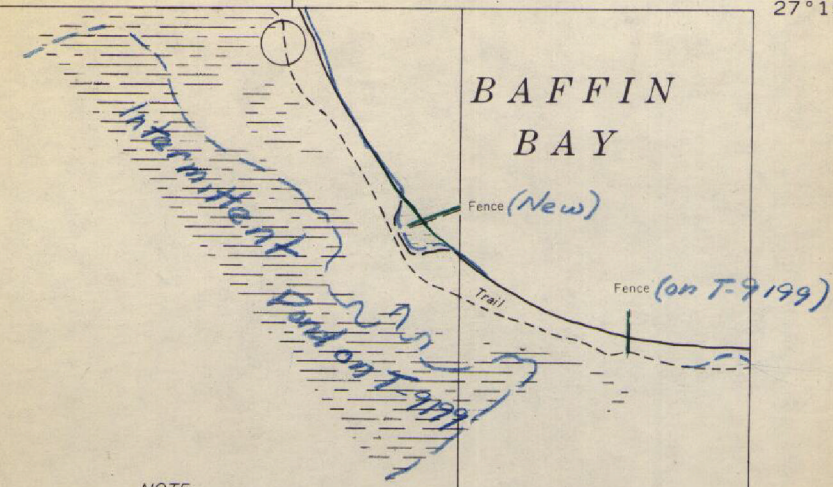
*Charles H. Humber*  
Chief, <sup>Photogrammetric</sup> Cartographic Branch *J.H.H.*

Chief, ~~Chart~~ Division

*R.H. Houlder*  
Chief, Photogrammetry Division

Chief, ~~Operations~~ Division

39'00"       $r = 2,280,000$  FT.      38'00"      97° 37' 30"      27° 15' 00"



NOTE:

"The photogrammetric location and delineation of features offshore from the mean high-water line on this survey may not be complete or final. The contemporary reviewed hydrographic survey of the area where available, should be consulted for the final delineation."



14'00"       $y = 570,000$  FT.

NOTE: Water stages vary widely with meteorological conditions. A broken line has been used instead of the usual high-water line symbol in those areas where the high-water line is not identifiable, and also to indicate the approximate limits of areas subject to inundation. The dotted line represents the approximate low-water line.

Blue = Registered Survey T-9199; 1:20,000; 1952  
Green = Boat Sheet H-9002 (745-20-1-68)  
1:20,000, 1968

13'00"

NOTES TO VERIFIER  
T-13142 JOB - Ph-6711  
BOAT SHEET NO. H-9002 (745-20-1-68)

None.