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Diza.	Cht.	No. 1286-2	<u>-</u>
3		Form 504	

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

### DESCRIPTIVE REPORT

Type of Survey	TOPOGRAPHIC	···
•	Office No	
	LOCALITY	
State	TEXAS	
General locality	LAGUNA MADRE	
	POINT OF ROCKS	
•		
	19 <b>5</b> 1	
	CHIEF OF PARTY	Field

LIBRARY & ARCHIVES

George E. Morris, Jr., Chief of Party Hubert A. Paton, Baltimore Photo. Office

DATE April 5, 1955

B-1870-1 (1

### DATA RECORD

### T-9197

Project No. (II): Ph-36(48)C Quadrangle Name (IV): South Bind Island, SW

Field Office (II): Brownsville, Texas Chief of Party: George E. Morris, Jr.

Photogrammetric Office (III): Baltimore, Maryland. Officer-in-Charge: Hubert A. Paton

Instructions dated (II) (III): 14 February 1949 Copy filed in Division of

8 June 1949
26 July 1949
28 July 1949
Photogrammetry (IV)

Const Office Files

24 February 1950

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:20,000 Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): 1.000

Date received in Washington Office (IV): 12/5/50 Date reported to Nautical Chart Branch (IV): 12-12-50

Applied to Chart No. 893 Date: 6951 Date registered (IV): 8-29-52

894

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 (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): KENEDY, 1877

Y ==

Lat.: 27° 18' 53.623" (1650.5m) Long.: 97° 26' 37.656" (1035.3m) Adjusted

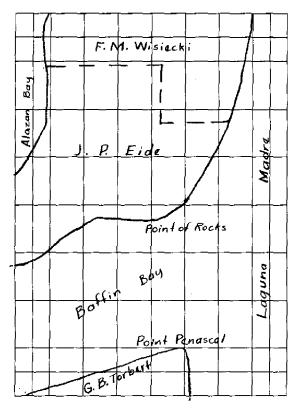
X≔

Plane Coordinates (IV): State: 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.

Amediusted X



Areas contoured by various personnel (Show name within area)
(II) (III)

### DATA RECORD

Field Inspection by (II): F. M. Wisiecki Date: June to October

J. P. Eide W. M. Reynolds G. B. Torbert

2

Planetable contouring by (II): F. M. Wisiecki Date: June to October

J. P. Eide G. B. Torbert

Completion Surveys by (11): W.H. Shearouse Date: November 1951

Mean High Water Location (III) (State date and method of location): Field surveys from June to November 1949 on photos exposed in December 1948; also revised in area of Laguna Madre along Intracoastal Waterway by field survey in July 1950 on photos exposed in May 1950.

Projection and Grids ruled by (IV): WEW Date: 10-19-49

Projection and Grids checked by (IV): HDW Date: 10-21-49

Control plotted by (III): F.J.Tarcza Date: 1-3-50

Control checked by (III): W.L.Lineweaver Date: 1-3-50

Radial Plot of State State Plot of State Plo

Planimetry Date:
Stereoscopic Instrument compilation (III):

Contours Date:

Manuscript delineated by (III): F.M.Wisiecki Date: 10-13-50
R. Glaser 11-7-50
G.B.Torbert 11-21-50

Photogrammetric Office Review by (III): R.Glaser Date: 11-22-50

Elevations on Manuscript R.Glaser Date: 11-22-50 checked by (ii) (iii):

Form T-Page 3

M-2518-12(4)

1949

1949

USCAGS single-lens camera, focal length 6"

Camera (kind or source) (III):

USC&GS nine-lens camera, focal length  $8\frac{1}{7}$ "

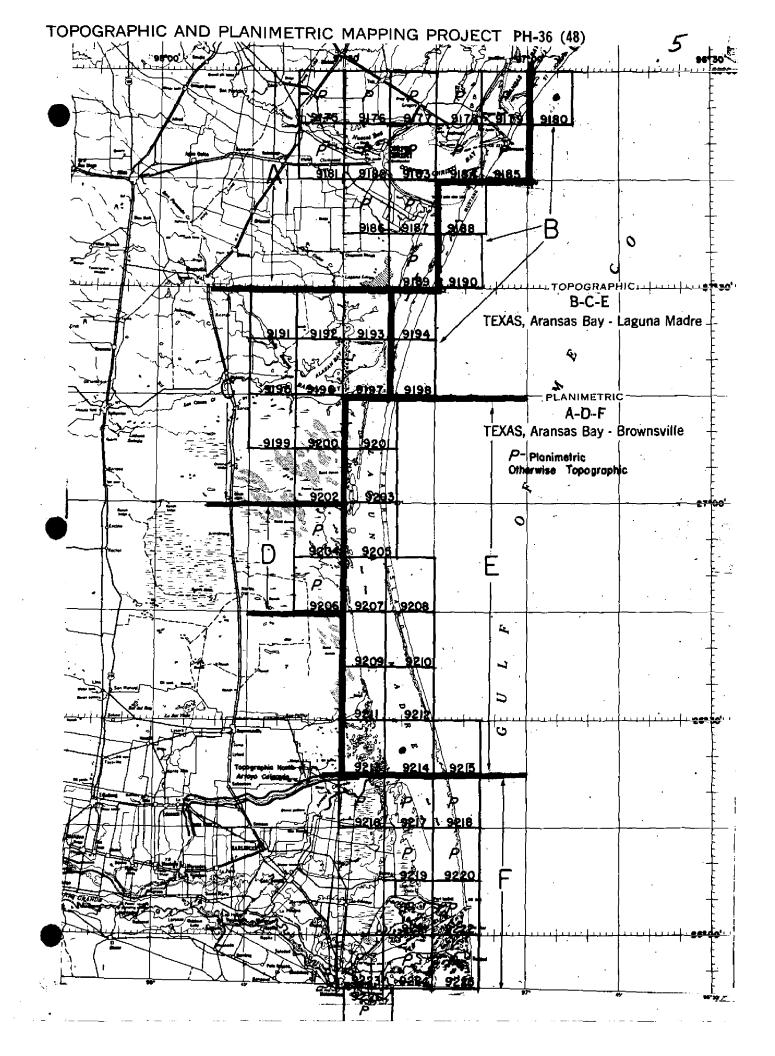
Number	Date	PHOTOGRAPHS (III) Time	Scale	Stage of Tide
48-0-1234 thru 48-0-1237	12-8-48	1212	1:20,000	No periodic
48-0-1186 thru 48-0-1190	12-8-48	1141	1:20,000	tide
48-0-1689 thru . 48-0-1695	12-9-48	1205	1:20,000	
· 48–0–1724 and 48–0–1725	12-9-48	1221	1:20,000	
48-0-1861 thru 48-0-1869	12-9-48	1400 Tide (III)	1:20,000	
****  Reference Station: Subordinate Station: ;	The mea	in range of		atio of Mean Spring langes Range Range
Saporamate Station.			_	
Washington Office Revie	sw by (IV): <b>G.B.)</b>	Hilley		Date: 9/14y 1992
	ew by (IV): G.B. )	Hilley -		Date: 9/14
Washington Office Revie	roduction by (IV):	- –		•
Washington Office Revieus Final Drafting by (IV):  Drafting verified for repair.	roduction by (IV):  Miles) (III): 00 meters to opposite 00 meters to opposite (II): 20.0 In Stations searched and for (II): Photo Stations estab	27 27 2 shore) (III): 3 3 shore) (III): 4 5 for (II): 8 1 6 shished (III): ** 6	7 6 Recovered: 7 Recovered: 1	Date:
Washington Office Review Final Drafting by (IV):  Drafting verified for report of Edit by (IV):  Land Area (Sq. Statute I Shoreline (More than 20 Shoreline (Less than 20 Control Leveling - Miles Number of Triangulation Number of BMs searche Number of Recoverable	roduction by (IV):  Miles) (III): 00 meters to opposite 00 meters to opposite (II): 20.0 In Stations searched and for (II): Photo Stations estab	27 27 2 shore) (III): 3 3 shore) (III): 4 5 for (II): 8 1 6 shished (III): ** 6	6 Recovered: 7 Recovered: 1	Date: Date: 1/2 y J T

<sup>\*</sup> Five forms No. 526, five Forms No. 525b, and one Form No. 525 were submitted by the field party.

Baltimore Photo. Office

\*\* Five submitted by field party - one, for AZ. MK. originates at the compilation office.

M-2618-12(4)



### SKIELEY To 9197

Project The 36(48) conclute of fifty-two quadrangles of 1:20,000, oach 7.5 minutes in Latitude and longitude, covering the Gulf Geast of Toxas and the Introcental Natornay from Araneas Day to Brownsville and the Mexican Terfer. Adjoining the project to the north is a series of sloreline surveys in Pert IV of Project The 14(46).

Anformation comparing Ph-36(48) in 1to broader accords will be included in a project completion report to be accorded at the constant of the review of all accords in this project.

Tranty-six of the quedrengles in this project are topographic surveys and are to be published at 1:24,000 seele by the Goslegical survey. The other twenty-six quadrengles are plunimetric surveys. Of these, nineteen are to be used as become by the Reclegical survey for the semulation of 7.5 minute topographic quadrungles and will not be published as planimetric maps. The remaining seven, T-9175, T-9176, T-9177, T-9181, T-9169, T-9204, and T-9206, will be published as planimetric maps.

thoth-backed lithegraphic prints of the original upp manuscripts at compilation scale and the descriptive reports for all maps in this project will be filed in the Europe Archives. Cloth-backed copies of the published together quadrangles at 1.20,000 scale will also be filed.

All special reports except the Geog. Names Report will be filed in the Project Completion Report.

### 2. AREAL FIELD INSPECTION

This quadrangle lies across the entrance to Baffin Bay from Laguna Madre and has within its limits the eastern portion of Baffin Bay, a part of Laguna Madre and the land areas contingent thereto. Point Penascal, on the south side of Baffin Bay, and Point of Rocks on the north side are the most salient natural features. Martillo Camp of the Laureles Section of the King Ranch is located approximately 2.0 miles northwest of Point of Rocks and is the most prominent cultural feature.

The area north of Baffin Bay is a part of the Laureles Section of King Ranch, Inc., and is closed to the public. The area south of Baffin Bay is a part of the Kenedy Ranch and is also closed to the public.

Cattle ranching is the more important of the two industries to which the area is devoted; petroleum being the second industry. Exploration and production of petroleum and natural gas is constantly progressing, with the area in its early stage of development.

The area north of Baffin Bay is very broken. Being a section which is made up of old sand dunes covered with, and stabilized by, a growth of grass and scrub oak with scattered clumps of mesquite. Interspersed throughout the area are many low places which usually do not drain.

The area south of Baffin Bay is similiar. However, it is lower and not quite as irregular.

Photographic tones vary from white to black. White tones denote sand areas. Light gray tones are areas of vegetation, usually grass, on higher ground and of a light shade of green. Dark gray tones are low damp areas, dark green grass, a combination of these two, or scrub oak. Darkest gray tones are areas of dense scrub oak, mesquite, or low areas with shallow standing water. The black tones are water areas, ponds, intermittent ponds, etc.

Ratio prints at 1:20,000 scale were lacking in detail as compared to contact prints of the same scale. This presented no great difficulty in interior field inspection because of the undeveloped state of the area. However, stereoscopic examinations of the photographs were hindered and control identification was more difficult.

Interior field inspection was performed on photographs 48-0-1723, 48-0-1869, 48-0-1187 to 48-0-1189 inclusive, 48-0-1190(2 of 2), 48-0-1234 (2 of 2), 48-0-1235, and 48-0-1236;

### 3. HORIZONTAL CONTROL

One station, "GRIFFINS POINT 3 1939", was reported lost.

The two following stations are newly established ones:

CORPUS CHRISTI-PORT ISABEL LIGHT NO 89 1949 CORPUS CHRISTI-PORT ISABEL LIGHT NO 95 1949

The two lights are third-order intersection stations and are fully covered in "Special Report, Location of Aids to Navigation, Latitude 28000' to Baffin Bay, Project Ph-36(48)."

GRIFFINS POINT 4 1949 was set and identified by this topographic party prior to triangulation. The position of this station will be determined within a few months by a geodetic party.

The sub-surface mark of KENEDY 1877 was recovered in apparently good condition. The position of this station was not furnished the field party but was published in a special publication of triangulation in Texas which is now out of print. The position is also undoubtedly on the North American Datum.

Horizontal control identification was done on the following photographs: 48-0-1189, 48-0-1235, 48-0-1692, 48-0-1724, and 48-0-1725.

### 4. VERTICAL CONTROL

No bench marks, existed in the quadrangle at the time of leveling in the northern section of the area. Fourth-order levels were run from second-order bench mark P 633 1942 of the Coast and Geodetic Survey in quadrangle T-9193( ) and closed on second-order bench mark R 633 1942 in the same line.

A second-order elevation of BM 137(USE), established by the Humble Oil and Refining Company, was used as control when contouring the southern section of the quadrangle. The methods used in running these second-order levels will be fully explained in Field Inspection Report, Quadrangle T-9201 ( ).

Fly level elevation designations 97-61 to 97-33 inclusive were used.

Vertical control was identified on photographs 48-0-1187 to 48-0-1189 inclusive, 48-0-1190(2 of 2), 48-0-1234(2 of 2), 48-0-1235, 48-0-1236, and 48-0-1869.

### 5. CONTOURS AND DRAINAGE

Contouring was done by planetable methods on 1:20,000 scale photographs 48-0-1187, 48-0-1188, 48-0-1189, 48-0-1190(2 of 2), 48-0-1234(2 of 2), 48-0-1235, 48-0-1236, 48-0-1723, and 48-0-1869.

There is no definite drainage pattern.

### 6. WOODLAND COVER

Woodland cover is scrub oak and mesquite sometimes reaching a height of 12 feet but generally much lower.

### 7. SHORELINE AND ALONGSHORE FEATURES

For the mean or normal water line of Laguna Madre see Field Inspection Report, Quadrangle T-9193( ). For the normal water line of Alazan and Baffin Bays see "Special Report on Identification and Delineation of Shoreline in the Laguna Madre, Project Ph-36(48)." See Review Report #66

All other alongshore features are adequately covered by the photographs.

The storm water line was indicated on the photographs by the same symbol as that for mean high water line except in blue ink.

Shoreline inspection was done on the following photographs: 48-0-1689 to 48-0-1695 inclusive, 48-0-1723, 48-0-1724, and 48-0-1862 to 48-0-1869 inclusive.

### Ø. OFFSHORE FEATURES

The mean low water line is so near the normal water line they can be considered synonymous for charting purposes. See Review Report #P46

None of the many rocks charted near Point of Rocks and Point Penascal were and observed to be bare during field inspection.

### 9. LANDMARKS AND AIDS

There are no landmarks for nautical charts in the area.

To anyone using the map Martillo Camp, the road leading to the camp, a small pier and tide gage in Baffin Bay west of Point of Rocks, El Tule Artesian Well, and Point Penascal are of special significance.

There are no aeronautical aids.

Fixed aids to navigation are fully discussed in "Special Report, Location of Aids to Navigation, Latitude 28000 to Baffin Bay, Project Ph-36(48)."

All fixed aids to navigation south of Corpus Christi-Port Isabel Light 95 will be located insofar as possible by the odolite cuts from triangulation stations. Advantage will be taken of towers of geodetic party while in position. All records will be submitted at a later date.

### 10. BOUNDARIES, MONUMENTS AND LINES

See "Special Report, Boundaries, Latitude 28000' to Baffin Bay, Project Ph-36(48)."

### 11. OTHER CONTROL

Five recoverable topographic stations were established. They were identified as follows:

BM 126(USE)	Photograph	48-0-1862
BM 132(USE)	n -	48-0-1864
S 567 6	Ħ	48-0-1695
S 567 7	11	48-0-1693
S 567 8	11	48-0-1724

### 12. OTHER INTERIOR FEATURES

Roads were classified in accordance with Photogrammetry Instructions No. 21 dated 14 April 1947, as amended 24 October 1947. All roads are private.

### 13. GEOGRAPHIC NAMES

See "Special Report, Geographic Names, Aransas Bay to Baffin Bay, Project Ph-36(48)", and "Special Report, Geographic Names, Baffin Bay to Port Mansfield (Red Fish Landing), Project Ph-36(48)." A 16 654-14

### 14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

"Special Report, Boundaries, Latitude 28000' to Baffin Bay, Project Ph-36(48)", forwarded to Washington 11 July 1949.

"Special Report, Location of Aids to Navigation, Latitude 28000' to Baffin Bay, Project Ph-36(48)", forwarded to Washington 28 June 1949.

"Special Report, Geographic Names, Aransas Bay to Baffin Bay, Project Ph-36(48)", forwarded to Washington 27 July 1949.

"Special Report, Geographic Names, Baffin Bay to Port Mansfield (Red Fish Landing), Project Ph-36(48)", to be forwarded at a later date.

Records on fixed aids to navigation to Baffin Bay forwarded to Washington 28 and 29 June 1949, letters of transmittal Ph-36 Field 11 and 12.

Forms 567 for all fixed aids to navigation along Intracoastal Waterway up to and including Corpus Christi-Port Isabel Light No. 95 forwarded to Washington 1 July 1949, letter of transmittal Ph-36 Field 13. Copies to Baltimore 1 July 1949, letter of transmittal Ph-36 Field 14.

Records, location of aids to navigation south of Baffin Ray to be submitted at a later date.

Records, Quadrangle T-9197( ), forwarded to Baltimore 25 November 1949, letter of transmittal Ph-36 Field 45.

> Submitted 25 November 1949

Cartographer (Photo)

Approved 25 November 1949

George E. Morris, Jr. Chief of Party

15   10.090   10.57 angle   10.57 angle   10.50 angle	MAP T. 717/		PROJECT NO.	S NC	2704207-111	SCALE OF MAP 2:2		SCALE FACTOR none	LOT MOTE
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TINS FOLINT 4, Form 27 15 43.508 139.1 507.6 77.1 Form 12.2 17.223 77.1 176.7 176.7 77.1 77.1	45 <b>,</b> 1949								
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13 (USE)   12 (USE)	F1.			27	15				
137 (USE)   123.9   612.8   123.9		***************************************		97	26				
T.NO.137 T.N	NO. 137 (USE)	4.50	. # .	27					
1912 G-4197	17.77	6518		97					
1912 G-4197	SUB. PT.NO.137			27					
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AN, 1939 G-4197		F.120	=	26	52.3				
NN, 1939 G-4197	• ਜੋਹ			27	27				
1939 G-4197 " 27 19 36.912 1136.1 710.6 1136.1 710.6 114ZAN,	1912			26	24				
P. 120     "     97     29     38,380     1055.1     594.4       27     19     10     1078.5     668.2       G-6538     N.A.     27     18     53,623     1050.5     196.2       F.157     1927     97     26     37,656     1035.3     614.3		C-4197		27			-		
G-6538 N.A. 27 18 53.623 1056.2 573.3 P.157 1927 26 37.656 10.09		P. 120	=	26	38.				
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TATION							_		,	
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### COMPILATION REPORT

### <u>T-9197</u>

### PHOTOGRAMMETRIC PLOT REPORT

The manuscript for this survey is one of eight in sub-project "C". The photogrammetric plot report covering the area of the manuscript has been submitted with the descriptive report for Survey T-9191.

### 31. DELINEATION

The graphic method of compilation was used for the delineation of the manuscript.

The field inspection of the storm water line was on the contact prints while the contours were sketched on the ratio prints. It was necessary for the compiler to reconcile the delineation of these lines to each other in many places. It is felt that the lack of sharpness in the detail of the ratio prints was at least partly responsible for these discrepancies.

### 32. CONTROL

Horizontal control was adequate for the delineation of the manuscript.

### 33. SUPPLEMENTAL DATA

Kleberg County Map (photostat) - Boundary data List of Directions - Theodolite cuts C. of E. Pt. Penescal quadrangle - Geographic names Nautical Chart No. 1286 - Geographic names

### 34. CONTOURS AND DRAINAGE

Occasional inconsistencies of spot elevations in relation to the contours will be found on the manuscript. These are explained in field inspection notes as peaks and depressions too small to contour.

No particular difficulties were encountered in compiling the contours.

### 35. SHORELINE AND ALONGSHORE DETAILS

The field inspector used a red dashed line to indicate the position of the mean high water line; the same symbol was used to indicate the approximate mean low water line. Apparently this was done because the two lines are nearly coincident in much of this area.

The red dashed line was assumed to be the identification of the approximate low water line where it was offshore from a storm water line.

Wherever the storm water line and the low water line were coincident or nearly so for the space of at least an inch on the manuscript, the line was delineated as a mean high water line.

### 36. OFFSHORE DETAILS

None

### 37. LANDMARKS AND AIDS

Five lights and six daybeacons fall within the area of this survey. Forms 567 for these aids have been completed and are being submitted with this report.

### 38. CONTROL FOR FUTURE SURVEYS

Forms 524 are being herewith submitted for six recoverable topographic stations. Five of these forms were furnished by the field party and the six, ROX AZ. MK. (Reset) originates at the compilation office.

These stations are listed under item 49.

### 39. JUNCTIONS

The adjoining manuscripts are as follows:

T - 9193 to the north

T - 9196 to the west

T - 9201 to the south

T = 9198 to the east

Junctions with the above manuscripts are in agreement.

### 40. HORIZONTAL AND VERTICAL ACCURACY

No comment

### 41 through 45

Inapplicable.

### 46. COMPARISON WITH EXISTING MAPS

Comparison was made with the following:

(1) Corps of Engineers, Point Penescal progressive military map,

scale 1:125,000, dated 1920 - R - 1928
(2) General Land Office (Texas) Kleberg County Map, scale 4000 varas to inch, dated July 1913.

### 47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with chart No. 1286, scale 1:80,000, published 8-1-49 and corrected to 3-20-50.

### Items to be applied to nautical charts immediately:

None

### Items to be carried forward

None

Respectfully submitted

22 November 1950

Raymend Glaser

Cartographic Aid

Approved and forwarded

Hubert A. Paton

Comdr., C&GS

Officer in Charge

### 48. GEOGRAPHIC NAMES

The following names for this survey were taken from names standards Nos. 2 and 8, and from the Kleberg County boundary map.

- / Alazan Bay -
- V Baffin Bay

Commissioner Precinct No. 1 Commissioner Precinct No. 4 Compuertar (applies to rocks off Pt. of Rocks)

V El Martillo (per names report = house pens, well)

Intracoastal Waterway

Kenedy County
King Ranch
Kleberg County

Kenedy Ranch

Laguna Madre ~

Penascal Rincon
Point of Rocks
Point Penascal

Calbero Calbero Malla Calbero Malla Calbero Malla Calberto Malla C

Names underlined in red are approved. 5-3-51 L. Heck.

Re-checked after Field Edit. 5-5-52

### <u>T -9197</u>

### 49. NOTES FOR THE HYDROGRAPHER

The following recoverable topographic stations appear on the manuscript:

EM 126 (USE) 1949 EM 132 (USE) 1949 S 567-6 1949 S 567-7 1949 S 567-8 1949 ROX AZ MK (Reset) 1949 50-

### PHOTOGRAMMETRIC OFFICE REVIEW

T. 9197

1. Projection and grids 2. Title 2. Manuscript numbers 4. Manuscript size
CONTROL STATIONS
5. Horizontal control stations of third-order or higher accuracy
than third-order accuracy (topographic stations) 7. Rhote hydro-stations 8. Bench marks 2
5. Horizontal control stations of third-order or higher accuracy 6. Recoverable horizontal stations of lethan third-order accuracy (topographic stations) 7. Rhoto hydro stations 8. Bench marks 9. Retting of sextant fixes 10. Photogrammetric plot report 11. Detail points 12.
•
ALONGSHORE AREAS
(Nautical Chart Data)
12. Shoreline 13. Low-water line 14. Rocks, shoels, etc. 15. Bridges 16. Air
12. Shoreline
shore cultural features
PHYSICAL FEATURES  20. Water features
PHYSICAL FEATURES
20. Water features 21. Natural ground cover 22. Planetable contours 23. Stereoscot
instrument contours in general 25. Spot elevations 26. Other physic
features
CULTURAL FEATURES  27. Roads 28. Buildings 29. Railroads 30. Other cultural features
BOUNDARIES
BOUNDARIES  31. Boundary lines 32. Public-land lines
f MIŞCELLANEOUS
MISCELLANEOUS  33. Geographic names 34. Junctions 35. Legibility of the manuscript 36. Discrepance
37. Descriptive Report 38. Field inspection photographs 39. Forms
40. Kaymand Slase Joseph Steinberg
/ Reviewer / Supervisor, Review Section or Unit
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 Supervisor
43. Remarks: M-2623-1

## DEPARTMENT OF COMMERCE

EODETIC SURVEY U. S. COAST AND

# NONFLOATING AIDS GROLEMANDMARKS FOR CHARTS

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BE CHARTED	E-DEINEBER
<u>0</u>	900

Baltimore, Maryland

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.

Raymond Claser

The positions given have been checked after listing by

METHOD DATE CHART	LOCATION	DATUM SULEVEY LOCATION HARM NO D.P.METERS DATUM NO.	9 97 22 1347.9 NAA T-9197 1949 1286	97 23 697.6 a " 1949	Theodo-	97 23 10 a n h	97 23 347 a n n	97 23 982 и и и	97 23 1313 и и и .	97 23 1585 п п п	21 (50)	
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			1949	1949	=	=	=	22		##		
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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. 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.

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Form	April

## DEPARTMENT OF COMMERCE

U. S. COAST AND FODETIC SURVEY

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Brownsville, Texas

1 March

1950

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

R. Claser The positions given have been checked after listing by

CHARTS AFFECTED George E. Morris, Jr. Chief of Party. 1286 1286 = OFFSHORE CHART THENORE CHART нуваов снувд DATE OF LOCATION 1949 Ė 2 METHOD OF LOCATION AND SURVEY No. T-9197 Triang Ħ \$ DATUM N.A. 1927 Ħ = D. P. METERS 718.7 228.6 1237.5 LONGITUDE POSITION -<del>a</del> <del>t</del> **ત** 6 26 8 D. M. METERS 18 1217.7 585.1 15 1609.7 LATITUDE 17 0 2 N 27 SIGNAL Corpus Christ Port Isabel Light F Ħ tt DESCRIPTION Ħ # Texas E CHARTING LT. 115 17, 12 It.103 STATE

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Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating	ed on this form. The data should be considered for the charts of the area and not by	should be given.
This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positi	ed, shall be report	individual field survey sheets. Information under each column heading should be given.

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### Field Edit Report, T-9197

51. Methods.--All roads were travelled by truck to check their classification and to answer questions raised by the reviewer. Shoreline and offshore features were verified from a small boat or by walking near the water's edge. Corrections, deletions and additions were made on the Field Edit Sheet or the photographs and cross-referenced on the Field Edit Sheet. Two artesian wells were identified by direct marking on the photographs.

Violet ink was used for additions and corrections; green for deletions.

Field edit information will be found on the Field Edit sheet and photographs 48-0-1190 and 48-0-1235.

- 52. Adequacy of compilation .-- From visual inspection the compilation appears to be good. The corrections and additions necessary are indicated on the Field Edit Sheet or photographs.
- 53. Map accuracy .-- Several points were occupied with the planetable and the horizontal position of map detail proved good.

Contours were tested at five places by standard planetable methods. These tests began and ended vertically at fly-level points. Horizontal origin in three instances was at well defined road intersections and two were at culverte. All points tested proved the contours to be very good horizontally and vertically. These tests were made directly on the Field Edit Sheet.

- 54. Recommendations .-- No recommendations are offered.
- 55. Examination of proof copy .-- It is recommended that the proof copy of the map be sent to the King Ranch Office, Kingsville, Texas, attention Mr. Robert C. Wells, for examination.

Geographic names .-- The names CALBERO ARTESIAN WELL and EL TULE ARTE-SIAN WELL are recommended for charting. These names were obtained from the King Ranch foreman and are shown on photographs 48-0-1190 and 1235.

No discrepancies were noted in charted names.

Recpectfully submitted, 28 November 1951

William H. Shearause William H. Shearouse, Cartographer

Recy L Bernetur

### 62. Comparison with Registered Topographic Surveys:

T-1627

1:20,000

1881-82

T-9197 supersedes this survey for nautical charting purposes.

For a discussion of the special treatment of shoreline interpretation and delineation by this survey as compared to the above surveys see Item 66 below.

### 63. Comparison with Maps of Other Agencies:

Point Penescal, Texas (USE) 1:125,000 1909 Revised 1928.

No significant differences are to be noted.

- 64. Comparison with Contemporary Hydrographic Surveys:
- 65. Comparison with Nautical Charts:

Chart 1286 1:80,000 13 Edition (1942) 52-4/14

See Item 66 below for a discussion of the special treatment of shoreline interpretation and delineation in this area.

### 66. Shoreline Interpretation and Delineation:

Water stages in this area vary widely with meteorological conditions. The high-water line has been omitted where it is indefinite and is not marked by visible evidence on the ground. The broken line indicates the approximate inshore limits of areas subject to inundation. The dotted line represents the approximate low-water line.

See Review Report 19150 FCC

### 67. Adequacy of Manuscript:

This topographic map complies with Bureau standards, project instructions and with National Map Accuracy Standards.

Reviewed by:

Gordon B. Willey Gordon B. Willey

Approved:

Chief, Review Section Division of Photogrammetry

Chief, Div: of Photogrammetry

Chief, Nautical Chart Branch Division of Charts

Chief, Div. of Coastal Surveys

### History of Hydrographic Information Quadrangle T-9197 Baffin Bay - Laguna Madre, Texas

Hydrography was applied to the manuscript of this quadrangle in accordance with Division of Photogrammetry general specifications dated 18 May 1949.

Soundings and 6 foot depth curves at mean low water datum, rocks, and limits of spoil areas originate with the following:

> USC&GS Nautical Chart 894, 1:40,000, aid proof, May 1952

USE Blueprints:

31730,	1:10,000	1931-32	(Sheet	No.	5)
31731,	1:10,000	1931-32			
31732, 44634,	1:10,000	1931-32			
44634,	1:10,000	1947	(Sheet	No.	2)

Hydrography compiled by K.N. Maki and verified by R. E. Elkins.

Div. of Photogrammetry 26 May 1952

## NAUTICAL CHARTS BRANCH

## SURVEY NO. <u>9197</u>

### Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
16 Word 61	894	MEMac Sur	Before Estation and Review
11/19/51	893	S. G.M. Sam	Before- After Verification and Review
4-26-56	1286	n. D. Kkudesson	Before After Verification and Review
8/1/9/	//304	L. ARKENAU	Suferceeded by BP143754 60 757
			Before After Verification and Review  Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
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			Before After Verification and Review
			<del></del>

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.