9883

ORIGINAL

Diag. Cht. No. 1274-2.

Form 504

U. S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. Ph-90 Office No. T-9883

LOCALITY

State LOUISIANA

General locality LOUISIANA COAST

Locality EAST TIMBALIER ISLAND

19 52-56

CHIEF OF PARTY

B. H. Kirsch, Chief of Field Party
H. C. Applequist, Tampa Photo. Office

LIBRARY & ARCHIVES

DATE JUN 5 1958

COMM-DC 61300

9883

FORM 181
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T - 9883

Project No. (II): 24200 (Ph-90) Quadrangle Name (IV):

Field Office (II): Houma, Louisiana

Chief of Party: E. H. Kirsch

Photogrammetric Office (III): Tampa, Florida

Officer-in-Charge: H. C. Applequist

Instructions dated (II) (III): 5 September 1952
Supplement #1 25 September 1952
" #2 30 September 1952

Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:20,000

Stereoscopic Plotting Instrument Scale (III): Inapplicable

Scale Factor (III): None

Date received in Washington Office (IV): SEP 28 1953

Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date:

Date registered (IV): 5-12-58

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N. A. 1927

Vertical Datum (III):

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): EAST 2 1934

Lat.: 29°04'00".161 (5.0 m.) Long.: 90°18'25".490 (689.5 m.) Adjusted

Plane Coordinates (IV): State: Zone:

Y= X=

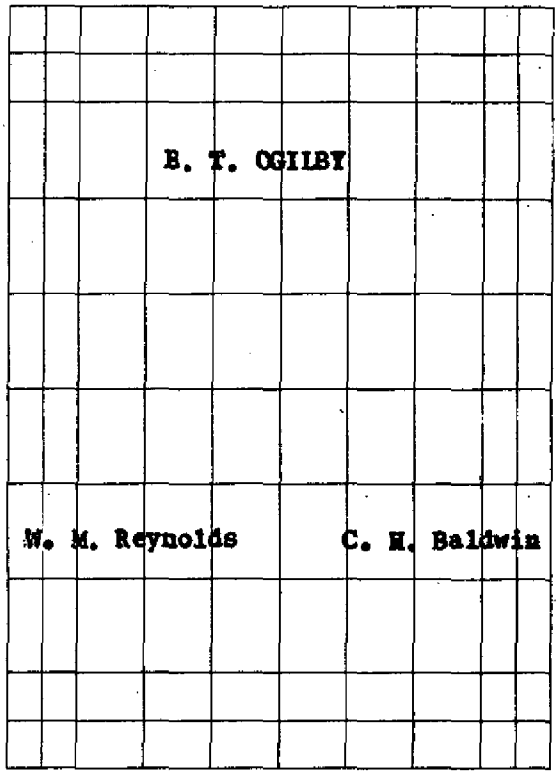
Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.

FORM 181a
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD



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

FORM 181b
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): E. T. Ogilby
W. M. Reynolds
C. H. Baldwin
Date: MAR - APR 1953

Planetable contouring by (II): E. T. Ogilby
W. M. Reynolds
C. H. Baldwin
Date: MAR - APR 1953

Completion Surveys by (II):
Date:

Mean High Water Location (III) (State date and method of location): ~~28 Sept. 1953~~ Oct. 1956
Air Photo Compilation
See page 5

Projection and Grids ruled by (IV): Austin Riley (W.O.)
Date: Sept. 18, 1953

Projection and Grids checked by (IV): H. D. Wolfe (W.O.)
Date: Sept. 21, 1953

Control plotted by (III): R. E. Smith, Jr.
Date: Mar. 4, 1955

Control checked by (III): M. M. Slavney
Date: Mar. 4, 1955

Radial Plot ~~or Stereoscopic Control extension~~ by (III): M. M. Slavney
Date: Jan. 25, 1956

Stereoscopic Instrument compilation (III):
Planimetry: Inapplicable
Date:
Contours:
Date:

Manuscript delineated by (III): E. T. Ogilby
Date: June 1956

Photogrammetric Office Review by (III): J. A. Giles
Date: Aug. 1956

Elevations on Manuscript checked by (III): J. A. Giles
Date: Aug. 1956

COMM-DC-57842

FORM 181c
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

4

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): **C&GS Nine-lens**

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
39409	Sept. 28, 1952	1047	1:20,000	+ 0.9
39410	"	1048	"	+ 0.9
39411	"	1049	"	+ 0.9
39418	"	1105	"	+ 0.9
39517	Sept. 29, 1952	0941	"	+ 1.4

Single-lens photography:

56-L-435-440 ind. 10/23 56 1:20 000 (infra-red)
56-O-802-807 " " 1:20 000
56-W-4359-4362 " 10/24 56 1:30 000
56-W-4404-4407 " " "
56-W-4412-4414 " " "

Tide (III)

PREDICTED

Reference Station: **PENSACOLA, FLA.**
Subordinate Station: **TIMBALIER ISLAND, TIMBALIER BAY**
Subordinate Station:

Diurnal

Ratio of Ranges	~~Mean~~ Range	Spring Range
-	1.3	
1.0	1.3	

Washington Office Review by (IV): Date:

Final Drafting by (IV): Date:

Drafting verified for reproduction by (IV): Date:

Proof Edit by (IV): Date:

Land Area (Sq. Statute Miles) (III): 8
Shoreline (More than 200 meters to opposite shore) (III): 21
~~Shoreline (Less than 200 meters to opposite shore) (III)~~:
Control Leveling - Miles (II): **None**
Number of Triangulation Stations searched for (II): 8 Recovered: 3 Identified: 3
Number of BMs searched for (II): 0 Recovered: 0 Identified: 0
Number of Recoverable Photo Stations established (III): **None**
Number of Temporary Photo Hydro Stations established (III): **None**

Remarks:

Summary
to accompany topographic map
T-9883
November 1957

The subject topographic map is one of project Ph-90 (6090) Planimetric and Topographic Mapping. It covers all of EAST TIMBALIER ISLAND, CALUMET ISLAND and the southeastern part of CASSE-TETE ISLAND. Situated on the Louisiana Coast of the Gulf of the Gulf of Mexico, it is typical of the low marshy islands in shallow waters of the oil-producing region.

Only a few spoil deposits exceed an elevation of five feet and the shoreline is subject to radial and frequent changes brought about by erosion, storms and hurricanes.

Graphically compiled and scribed at the Tampa District Office, the manuscript originates from 1952 nine-lens photography, which was field inspected in 1953. Aforementioned causes of extensive changes necessitated later photography to bring the map up to date. 1956 single-lens photographs (which included one strip of infrared) were made available and applied to the manuscript without field inspection or field edit. *

With the addition of hydrography the map will be published by the U.S. Geological Survey as a standard 7½ minute quadrangle at scale of 1:24,000 and replace a publication by that agency of 1935 at 1:31,680, now obsolete.

The following will be registered and filed in the Bureau Archives.

A "CRONAR" film positive at manuscript scale (1:20,000)
The Descriptive Report
A cloth-backed lithographic print in colors after final printing by G.S.

* Shoreline changes between 1952 and 1956 can be studied by comparing this map with the 1952 photography.

2. AREAL FIELD INSPECTION

There have been radical changes in East Timbalier Island since the previous planimetric mapping (T-5299). The island has extended considerably to both the east and west. It is a typical barrier beach, with a sand beach along the Gulf of Mexico, backed by low dunes. In some places, the dunes are backed by marsh, but for the most part, sand from the dunes has spilled into the marsh and forms a band of grass covered fast ground, which in turn is backed by marsh. Timbalier Bay immediately behind the island is quite shallow and contains a number of tidal flats that uncover at mean low water. There is some spoil at the back of the island, the result of dredging channels.

Calumet Island and Casse-tete Island are entirely marsh. They are subject to erosion and the shoreline is gradually receding.

The Timbalier Bay Field of the Gulf Refining Company is located in the quadrangle. Headquarters for the field are located at the back of East Timbalier Island. Pertinent features of the field have been indicated on the photographs except for a few wells which were not visible. The pipeline indicated carries crude oil from the various wells to a loading point on Belle Pass in Quadrangle T-9884( ).

A number of wells which were not visible on the nine-lens photographs have been identified on single lens photograph MDA-7-109. Lists of positions of producing wells in the field and a map of the field have been furnished by the Gulf Refining Company. It will be necessary to use these positions to locate wells not visible on the photographs and those drilled since photography. An arbitrary coordinate system is used, however, the system is based on station EAST 2 1934, and little trouble should be encountered in using the lists.

Further information on the coordinate system used by the Gulf Refining Company is contained in correspondence between the field office and the Washington Office. Copies of the correspondence are bound with this report.

It should be noted that Well No. 9 of Louisiana State Lease No. 192 is not listed, although it is shown on the map. This well was inspected and found to be a producing well. It has been identified on the photographs.

The platform in the Gulf of Mexico identified on the photographs is an abandoned drilling site of the Gulf Refining Company and should be shown on the map manuscript as a platform only. According to the Gulf Refining Company this platform is to be removed in the future, therefore, it should be examined by the field editor for possible deletion.

Well "B-1 (Offshore)" shown on the lists of positions is not a producing well as yet. A platform is in position at the present time and should be drafted on the map manuscript the same as the visible platform.

Several floating drilling rigs are visible on the photographs. These are not permanent objects and the well symbol only should be shown at these positions.

The field inspection is believed to be complete, however, the field editor should examine the oil field for possible changes.

Photographs 39409 through 39411 lack contrast, and the shoreline and changes in terrain are difficult to interpret. The remainder of the photographs are quite clear.

Field work was done on photographs 39409 through 39411, 39418, 39526 and MDA-7-109.

3. HORIZONTAL CONTROL

All horizontal control was searched for and identified if recovered. The following stations have been reported as lost on Form 526: CALUMET 1928; AXE 1934; EAST 1928; ISLAND 1934; and BAY 1934.

4. VERTICAL CONTROL

There are no bench marks in the quadrangle. Vertical control for contouring was obtained by using water level as a datum, reduced to half tide level from the records of the Bayou Rigaud Standard Tide Gage at Casse-tete and Calumet Islands and from tide tables at East Timbalier Island.

5. CONTOURS AND DRAINAGE

Contouring was done on the field photographs. Spot elevations were established by hand level and located by photographic detail. The only elevations above the contour interval are on spoil banks.

All drainage is tidal and is clearly visible on the photographs.

6. WOODLAND COVER

There is no woodland in the quadrangle. For discussion of mangrove, see Item 6, Field Inspection Report, Quadrangle T-9882( ).

7. SHORELINE AND ALONGSHORE FEATURES

The mean high water line of the Gulf of Mexico is visible on the photographs as a well defined tone change and has been indicated at intervals. The shoreline of Calumet and Casse-tete Islands and the Timbalier Bay side of East Timbalier Island is mostly apparent, except at spoil. Changes in type of shoreline have been indicated.

The approximate mean low water line has been indicated on the photographs at all points where it is sufficiently distant from the mean high water line to be shown. The foreshore at all sand beaches is sand; at other points and at the tidal flats behind East Timbalier Island the foreshore is mostly mud mixed with some sand.

All wharves, piers, and other shoreline structures are adequately covered by field inspection notes.

8. OFFSHORE FEATURES

For a discussion of offshore oil wells and platforms, see Item 2, Field Inspection Report for this quadrangle. There is also an offshore tank battery with three buildings, supported on piles and connected by catwalks, that has been indicated on the photographs. This is a storage and loading point for crude oil from the wells.

9. LANDMARKS AND AIDS

Three fixed aids to navigation have been reported on Form 567. Two of these were located by directions from identifiable points of photographic detail. The Lists of Directions, Form 24a, are included with data for Quadrangle T-9875( ).

A map of the Timbalier Bay Oil Field by the Gulf Refining Company is to be furnished, which shows dredged channels in the field. These channels are marked by daybeacons too numerous to map. It may be desirable to show the marked channels on the map.

10. BOUNDARIES, MONUMENTS AND LINES

See "Special Report, Boundaries, Project Ph-90", and "Special Report, Public Land Lines, Project Ph-90."

11. OTHER CONTROL

Two previously established topographic stations have been reported as lost on Form 524.

12. OTHER INTERIOR FEATURES

Adequately covered by field inspection notes.

COPY COPY COPY COPY

GULF REFINING COMPANY
P. O. DRAWER NO. 37
HARVEY, LOUISIANA

December 15, 1952

Lt. A. L. Powell
U. S. Coast & Geodetic Survey
P. O. Box 573
Houma, Louisiana

Dear Sir:

Since your visit to our office last week we have calculated the position of derrick atop our offshore platform "A" South of East Timbalier Island. Our coordinates (GULF) for center of derrick are N. - 825.5 and E. - 1988.0. The angles were turned from your Station EAST 2 and our Station HIKE.

Yours very truly,

GULF REFINING COMPANY

/S/A. L. Brawley
Zone Civil Engineer

ALB/rp

COPY COPY COPY COPY 10

- 13 -

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
P. O. Box 573
Houma, Louisiana

POST-OFFICE ADDRESS:

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

10 December 1952

To: The Director
U. S. Coast and Geodetic Survey
Washington 25, D. C.

Subject: Horizontal Control Recovery and Identification

Reference: Letter 731-mkl dated 3 December 1952

A sketch showing the recovery and identification completed for 13 quadrangles is enclosed herewith. Please return the sketch to this party.

The positions of the Humble Oil and Refining Company wells are also enclosed. The well positions are on the Lambert Coordinate System, except as noted on the LIRETTE FIELD. Coast and Geodetic Survey stations were used except as noted above, as an origin and to obtain an azimuth. In some cases marked points established by the company were used to locate the wells. The transit traverse stations referred to were established by standard traverse procedure.

As only one copy of these sketches were furnished us by the Humble Company, it is requested that we be furnished two copies each of the sketches for field use.

The following additional data was obtained from the Gulf Company:

USC&GS STA.	RECTANGULAR COORDINATES		
	NORTH	EAST	WEST
ISLAND 1934	10,000		10,000
EAST 2 1934	7,203.4		281.0
CALM 1934	21,551.8		11,065.2

The Gulf Company computed and held a grid bearing of S74°46'57" W. from station ISLAND 1934 to station EAST 2 1934.

In addition the Gulf Company has established the following recoverable points that may be of use to us if they meet the accuracy requirement for holding the radial plot:

The Director 10 December 1952

STATION	RECTANGULAR COORDINATES		
	NORTH	EAST	WEST
LIGHT	16,593.2	3,825.1	
HIKE	10,810.4	9,606.9	
WELL	10,640.1		247.5
TANK	16,170.0		613.1

Additional data was obtained from The California Company. The center of the area is a theoretical point computed for the U. S. Engineers. The wells were located from Tower A and Tower Bay (see sketch). The locations are based on our stations LAFOURCHE 1928, GREY 1934, and OAK RM NO 1 1928. The additional points on the sketch are marked points established by the company.

There are several sulphur wells in the area. The sulphur companies have been contacted and any information obtained concerning these will be forwarded to you when received.

/s/ Allen L. Powell

Allen L. Powell
Lieut., U.S.C.& G.S.
Chief of Party

Encl.

13. GEOGRAPHIC NAMES

See "Special Report, Geographic Names, Project Ph-90."

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Letter of Transmittal No. 90-5, Forms 567, to be forwarded to Washington Office at a later date.

Letter of Transmittal No. 90-6, Forms 567, to be forwarded to Photogrammetric Office at a later date.

Letter of Transmittal No. 90-7, "Special Report, Public Land Lines, Project Ph-90", forwarded to Washington Office 29 April 1953.

Letter of Transmittal, Public Land Lines data, forwarded to Washington Office 28 January 1953.

Letter of Transmittal No. 90-8, "Special Report, Geographic Names, Project Ph-90", to be forwarded to Washington Office at a later date.

Letter of Transmittal No. 90-9, "Special Report, Boundaries, Project Ph-90", forwarded to Washington Office 6 May 1953.

Two (2) sheets, Lists of Positions of Oil Wells, Timbalier Bay Field, Gulf Refining Company.

Map, Timbalier Bay Field, Gulf Refining Company.

Map, Timbalier Bay Field, showing dredged channels, Gulf Refining Company, to be forwarded to Washington Office at a later date.

Letter of Transmittal No. 90-26, Data, Quadrangle T-9883( ), forwarded to Washington Office MAY 13 1953

Submitted
6 May 1953

Isaiah Y. Fitzgerald
Isaiah Y. Fitzgerald
Photo.Engineer

Approved & Forwarded
MAY 13 1953

E. H. Kirsch
E. H. Kirsch
Chief of Party

13 14

COPY COPY

GULF REFINING COMPANY
P. O. Drawer No. 37
Harvey, Louisiana

April 23, 1953

U. S. Coast & Geodetic Survey
P. O. Box 573
Houma, Louisiana

Attn: Commander E. H. Kirsch
Mr. I. Y. Fitzgerald

Gentlemen:

In accordance with your request during a recent visit to this office, we are enclosing data concerning positions of several recently drilled wells in the Timbalier Bay Area.

The well positions shown on the attached sheet ware calculated on true bearing and from the same origin as those furnished with our letter dated October 23, 1952.

Your request for a copy of our map of Timbalier Bay has been referred to the Houston Office.

Yours Very Truly,

GULF REFINING COMPANY

/s/A. L. Brawley
A. L. Brawley
Zone Civil Engineer

ALB/rp

POSITIONS OF WELLS

WELL	NORTH	SOUTH	EAST	WEST
Lse. 192 #21	16,783.3			1689.5
#33	13,325.2			1753.4
#34	12,025.2			4330.3
#35	20,131.1		189.0	
#37	14,614.0			3202.5
#38	11,181.9			2024.0
#39	17,415.7		2388.7	
#40	14,254.6		879.2	
Lse.1772, #8	13,744.4			5581.0
Lse.1773, #1	20,098.3			3260.4
Lse.1773, #3	21,067.0			922.7
B-1 (Offshore)		5673.4	3446.6	

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T-9883 PROJECT NO. Ph-90 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
TIMBALIER LIGHTHOUSE, 1928	GP's P.109	N.A. 1927	29 02 56.572 90 21 20.919			1741.7(105.5) 565.9(1057.3)	
EAST 2, 1934	G2386 P.106	"	29 04 00.161 90 18 25.490			5.0(1842.2) 689.5(933.5)	
CALM, 1934	GP's P.109	"	29 06 22.204 90 20 27.056			683.6(1163.6) 731.6(890.8)	

1 FT. = .3048006 METER

COMPUTED BY: B. Wilson DATE 10/13/53 CHECKED BY: J. Steinberg DATE 10/16/53

COMM-DC-57843

COMPILATION REPORT T-9883

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-9865.

31. DELINEATION

The graphic method was used. The photographs were fair with respect to scale and clarity.

32. CONTROL

Reference Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

Coordinates of oil wells (and triangulation stations) were furnished by Gulf Refining Company. These coordinates are based on USC&GS control stations.

A photostatic copy of chart section No. 197 and Executive Order No. 718 of Dec. 7, 1907, establishing the East Timbalier Island Reservation, was furnished by the Dept. of Interior, Fish and Wildlife Service. The Service has no legal bounds or metes describing the reservation so it was reconstructed from the geographic position on the chart section. Due to the plotted position missing the Island, it has been referred to the Field Editor for clarification.

34. CONTOURS AND DRAINAGE

There was no difficulty in delineating the contours and drainage from the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

All shoreline and alongshore detail was identified by the field inspector and was adequate. All low-water and shoal lines shown are based on the information furnished by the field inspector.

36. OFFSHORE DETAILS

Offshore details were identified on the photographs in some cases. The lights, wells and platforms were located by coordinates except Light 2 which was located by theodolite cuts from photo points.

37. LANDMARKS AND AIDS

There are no landmarks. No difficulty was encountered in cutting in the aids to navigation.

38. CONTROL FOR FUTURE SURVEYS.

None.

39. JUNCTIONS

Junctions were made with T-9875 to the north; T-9882 to the west; T-9884 to the east. No contemporary survey to the south.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

41. PUBLIC LAND LINES AND BOUNDARIES

No section corners were recovered.

The Parish line, as shown, was so recommended by the "Special Report, Boundaries". Note that it is labeled "indefinite" as recommended in said report.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with C&GS Planimetric Map T-5299, 1:20,000 scale brown line date 1932. The East Timbalier Island Area has built up more than double size as shown on T-5299.

Comparison was also made with USGS Quadrangle CALUMET ISLAND, 1:31,680 scale, dated 1935. A small island in the vicinity of Timbalier L.H. is now nonexistent.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with C&GS Chart 1274, 1:80,000 scale, last correction date 29 December 1952, and with C&GS Chart 1050, 1:175,000 scale, last correction date 13 August 1956.

The Geological quadrangle mentioned in Item 46 appears to be the source of topography and the same discrepancies exist.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Eugene T. Ogilby
Carto Photo Aid

APPROVED AND FORWARDED

H. C. Applequist

H. C. Applequist, Chief of Party

T-9883. Geographic Names.

Calumet Island
Casse-tete Island

East Timbalier Island

Gulf of Mexico

Lafourche Parish
Louisiana

Terrebonne Parish
Timbalier Bay

East Timbelier Island
Reservation

Names approved 11-26-56
L. Heck
L.H.

Form 56
April 1945

PHOTO REVIEW BRANCH

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS ~~OR~~ LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE DELETED~~ } STRIKE OUT ONE

Tampa Photo. Office, Tampa, Fla. 20 Sept. , 1956

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 ______________

Eugene T. Ogilby, Carto Photo Aid

H C Applequist Chief of Party.

STATE: LOUISIANA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	Intracoastal	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
TIMBALIER DAYBEACON	White square tower on wooden dwelling on piles (unused lighthouse)		29 02	56.572 1741.7	90 21	20.919 565.9	N.A. 1927	Triang. T-9883	1928	x	x		1050 1274
LIGHT 8	Dolphin (Priv.maintained)		29 05	33.00 1016	90 17	30.34 1064	"	"	unknown	x	x		" "
LIGHT 2	Red rectangular slatted daymark on pile cluster		29 07	20.56 633	90 17	29.55 799	"	Radial Plot T-9883	1953	x	x		" "

*Coordinate position furnished by Gulf Refining Co. and is to be checked during field edit. Accuracy unknown.

19

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 801. Positions of charted landmarks and nonfloating

Form 56
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE DELETED } STRIKE OUT ONE

Tampa Photo. Office, Tampa, Fla. 20 Sept. , 19[illegible]

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

Eugene T. Ogilby, Carto Photo Aid

[illegible] Chief of Party.

STATE: LOUISIANA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE ° ′	LATITUDE ″ D. M. METERS	LONGITUDE ° ′	LONGITUDE ″ D. P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
Platform	Platform at oil well Lighted and horn		29 01	52.49 1616	90 17	43.01 1133	N.A. 1927	Cad.Plot T-[illegible]	[illegible]	[illegible]	[illegible]		[illegible] [illegible]
Platform	Platform at oil well Lighted and horn		29 03	57.25 1763	90 15	[illegible] [illegible]	"	"	"	[illegible]	[illegible]		" "

20

Form T-2

50. PHOTOGRAMMETRIC OFFICE REVIEW

T- 9883

1. Projection and grids JG 2. Title JG 3. Manuscript numbers JG 4. Manuscript size JG

48. Unclassified

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy MMS 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) XX 7. Photo hydro stations XX 8. Bench marks XX
9. Plotting of sextant fixes JG 10. Photogrammetric plot report JG 11. Detail points JG

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline JG 13. Low-water line JG 14. Rocks, shoals, etc. JG 15. Bridges XX 16. Aids to navigation JG 17. Landmarks XX 18. Other alongshore physical features JG 19. Other alongshore cultural features JG

PHYSICAL FEATURES

20. Water features JG 21. Natural ground cover JG 22. Planetable contours JG 23. Stereoscopic instrument contours XX 24. Contours in general JG 25. Spot elevations JG 26. Other physical features JG

CULTURAL FEATURES

27. Roads XX 28. Buildings JG 29. Railroads XX 30. Other cultural features JG

BOUNDARIES

31. Boundary lines JG 32. Public land lines XX

MISCELLANEOUS

33. Geographic names JG 34. Junctions JG 35. Legibility of the manuscript JG 36. Discrepancy overlay JG 37. Descriptive Report JG 38. Field inspection photographs JG 39. Forms JG

40. Jesse A. Giles — Reviewer
Jesse A. Giles

William A. Rasure — Supervisor, Review Section or Unit
William A. Rasure

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-2623-12

Review Report of
Topographic Map T-9883
November 1957

61. General Statement

This topographic map was originally compiled in 1956 from 1952 photography and 1953 field inspection. In 1957 the manuscript was changed almost completely from available 1956 photography (including one strip of infrared photography). All photography used is listed on page 4.

62. Comparison with Registered Topographic Surveys:

T-1764	1:20,000	1887
T-1765	1:20,000	1887
T-5299	1:20,000	1934
T-6061	1:20,000	1934
T-6062	1:20,000	1934

Comparison with previous topographic surveys indicates that the subject area changes frequently and extensively because of storms, hurricanes and continuous erosion. T-9883 is to supercede previously registered topographic surveys for nautical charting purposes for common areas.

63. Comparison with Maps of Other Agencies

CALUMET ISLAND,LA., 1:31,680 U. S. Geological Survey, 1935 Considerable differences exist between these surveys and the U. S. Geological Survey quadrangle of 1935 compares favorably only with other surveys of that time.

64. Comparison with Contemporary Hydrographic Surveys

There are no contemporary hydrographic surveys of this area.

65. Comparison with Nautical Charts

1274	1:80,000	Revised to 57 9/16
1050	1:175,000	" 57 2/25

The differences that exist between these nautical charts and subject topographic survey warrant consideration for the application of changes as soon as practicable. A small island southwest of abandoned TIMBALIER L.H. as shown on the nautical charts no longer exists. East Timbalier Island now extends westward to about 90° 22½' longitude and has closed the former "Grand Pass Timbalier". Directly east of East Timbalier Island another large island now extends nearly to the mainland.

These changes portray something entirely different from the nautical charts and should be noted immediately.

66. Adequacy of Results and Future Surveys

Although the 1956 photography used in the revision of the original compilation is without benefit of field inspection or field edit, there are no indications of deficiencies in adequacy or accuracy.

Reviewed by:

Josef J. Streifler

Approved:

L. C. Lundy
Chief, Review & Drafting Sec.
Photogrammetry Division

Chief, Nautical Chart Branch
Charts Division

Chief, Photogrammetry Division

Chief, Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. T-9883 Rev. dated Nov 57
1952-56

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
8-26-57	1274 dtg 12	H. W. Burgoyne	Partly applied Before ~~After~~ Verification and Review
1-22-59	1050	R. E. Elkins	Partly applied thru the partial application to chart 1274 dtg 12. Before After Verification and Review JMG
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

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.