

10645

orig

Diag. Cht. No. 1276#2.

10645

<p>Form 504 U. S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY</p> <h2 style="text-align: center;">DESCRIPTIVE REPORT</h2>	
<p>Type of Survey <u>Planimetric</u></p>	
Field No. <u>Ph-170</u>	New No. <u>T-10645</u> Office No. Ph-170
<p>LOCALITY</p>	
State <u>Louisiana</u>	
General locality <u>Atchafalaya River</u>	
Locality <u>Morgan City</u>	
<p><u>1956-57</u></p>	
<p>CHIEF OF PARTY</p>	
<u>Ira R. Rubottom</u>	<u>Chief of Party</u>
<u>V. Ralph Sobieralski, Photogrammetric Unit.</u>	
<p>LIBRARY & ARCHIVES</p>	
DATE <u>May 1963</u>	

DESCRIPTIVE REPORT - DATA RECORD

T-10645 (New Number)
T-9021
(REVISION)

PH 170

Project No. (II): ~~25178~~ Quadrangle Name (IV):

Field Office (II): Morgan City, Louisiana

Chief of Party: Ira R. Rubottom

Photogrammetric Office (III): Portland, Oregon

Officer-in-Charge: V. Ralph Sobieralski

Instructions dated (II) (III):

II 4 December 1956
Supplement I, 14 March 1957

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:20,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): None

Date received in Washington Office (IV):

OCT 3 - 1961

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III):

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): MORGAN, 1931

Lat.: 29° 43' 06.921"

Long.: 91° 12' 43.905"

Adjusted X
Unadjusted

Plane Coordinates (IV):

State:

Zone:

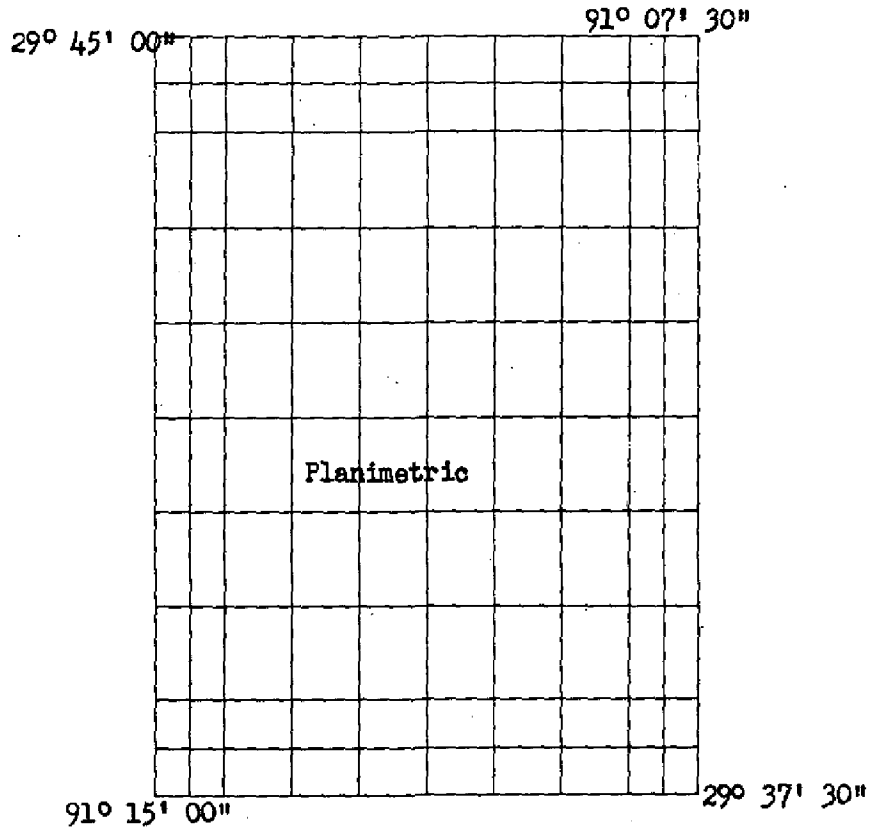
Y=

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.

DESCRIPTIVE REPORT - DATA RECORD



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

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): **Leo F. Beugnet**

Date: **February 1957**

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): **Field inspection Feb. 1957 and graphic compilation.**

Projection and Grids ruled by (IV): **Reproduction of Original T-9021**

Date:

Projection and Grids checked by (IV):

Date:

Control plotted by (III): **Plotting was done on original T-9021**

Date:

Control checked by (III):

Date:

Radial Plot or Stereoscopic **J. L. Harris**
Control extension by (III):

Date: **9-25-57**

Stereoscopic Instrument compilation (III):

Planimetry

Date:

Contours

Date:

Manuscript delineated by (III): **J. L. Harris (Planimetry Revision)**

Date: **10-25-57**

Photogrammetric Office Review by (III): **J. E. Deal**

Date: **12-5-57**

Elevations on Manuscript
checked by (II) (III):

Date:

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): C&GS 9-lens - focal length 8.25 inches.

5. ~~XXX~~

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide
		Time			
54700 thru 54702	10-15-56	9:23		1:20,000	Tide is mainly diurnal. Probably about 0.5' above M.L.W. on this day.
54750 and 54751	"	10:05		"	

Tide (III)

Reference Station: Galveston, Texas
Subordinate Station: Eugene I., Atchafalaya Bay
Subordinate Station:

Ratio of Ranges	Mean Range	Diurnal
		Spring Range
	1.0	1.4
	1.1	1.9

Washington Office Review by (IV):

Le Lande

Date: *Nov 1962*

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

***Revision of**

Land Area (Sq. Statute Miles) (III): *35*

Shoreline (More than 200 meters to opposite shore) (III): *77.6*

Shoreline (Less than 200 meters to opposite shore) (III): *48.3*

Control Leveling - Miles (II): *None*

Number of Triangulation Stations searched for (II): *15* Recovered: *7* Identified: *1*

Number of BMs searched for (II): *5* Recovered: *2* Identified: *1*

Number of Recoverable Photo Stations established (III): *7 (3 were recoveries)* all are structures.

Number of Temporary Photo Hydro Stations established (III): *None*

Remarks:

Bench Marks searched for are all Tidal Bench Marks.

FIELD INSPECTION REPORT
MAP T-9021 (REVISION)

2. AREAL FIELD INSPECTION

The area of this map is within St. Mary and St. Martin Parishes. The greater portion of the land area is marsh and swamp with only the higher ground areas being developed.

The salient features are the cities of Morgan City and Berwick; the Atchafalaya River, Berwick Bay, Intracoastal Waterway and Lake Palourde.

Revision of the area was accomplished using nine lens 1:20,000 scale photographs taken in October 1956. The photography was clear and distinct; thus, no difficulty was encountered in their interpretation.

For a detailed description of the area please refer to the Descriptive Report for Map T-9021, Project Ph-21, previously submitted.

3. HORIZONTAL CONTROL

All horizontal control within the limits of this map were searched for and reported on form 526 with the exception of stations which had previously been reported as lost.

Stations reported as lost on form 526 during the course of this survey are as follows:

ATCHAFALAYA RIVER NORTH BASE, 1889
ATCHAFALAYA RIVER SOUTH BASE, 1889
BERWICK, 1891
BERWICK, CATHOLIC CHURCH CROSS, 1931
BERWICK, SAWMILL SMOKE STACK, 1889
BERWICK, SHINGLE MILL STACK
BERWICK, ST. JOHNS CHURCH SPIRE
BERWICK, ZION CHURCH SPIRE

4. VERTICAL CONTROL

This phase was limited to the recovery of Tidal Bench Marks.

5. CONTOURS AND DRAINAGE

Contours inapplicable.

With the exception of a few new canals and ditches the drainage as compiled and delineated on the published manuscript is adequate and complete. New canals and ditches have been labeled on the photographs.

6. WOODLAND COVER

There are no changes in the woodland cover as delineated on the published manuscript with the exception of a small area adjacent to Morgan City which has been cleared and is under development. This area is self evident on the 1956 photography.

7. SHORELINE AND ALONGSHORE FEATURES

A complete inspection was made of the shoreline along navigable waters. All changes in the mean high water line have been noted on the photographs. In other nearly inaccessible areas where photography indicated a change in the shoreline or along shore features the area was visited; an inspection made and the necessary data and field inspection notes made on the photographs.

The only low water line of consequence is in the Bateman Lake area. As the area was flooded at the time of inspection an approximate low water line has been shown on the photographs.

The foreshore, with the exception of the Bateman Lake area, is very narrow and steep. It is entirely mud, there are no rocks, boulders or sand beaches.

There are no bluffs or cliffs within the area.

All docks, wharves and piers are adequately covered by field inspection notes on the photographs. At the time of photography many boats and barges were moored to the piers and docks in the Morgan City and Berwick areas. All of these are believed to have been deleted in green ink on the photographs.

The shore end of all submerged cables and pipelines have either been identified on the photographs or were confirmed as being the same as delineated on the map manuscript.

8. OFFSHORE FEATURES

No offshore features for investigation by the hydrographic party were noted during the course of shoreline inspection.

9. LANDMARKS AND AIDS

All landmarks and aids to navigation have been reported on Form 567.

All fixed aids to navigation were identified on the 1956 photographs. Some lights have been moved and some discontinued since the original date of compilation.

Two aeronautical aids have been recommended on Form 567.

10. BOUNDARIES, MONUMENTS AND LINES

The city limits of Morgan City and Berwick are as shown in photograph 54751.

The boundaries of Bayou Boeuf Lock and Berwick Lock are not shown on the photographs. All boundary marks on these boundaries which could be recovered were identified. It is believed that the compiler shall have no difficulty in delineating these boundaries with the data submitted. These data consist of metes and bounds, descriptions of each reservation, a plat of each and identified boundary monuments.

The St. Mary - St. Martin Parish Boundary is to be relocated. No information was available as to the changes to be made nor to its new location.

11. OTHER CONTROL

The following topographic stations were recovered:

Tower (The 1935)
Tower, 1948
Footings, 1947

The following topographic stations should be deleted as they have been destroyed:

Stumps, 1951
Radio Tower, 1947

In addition to two Radio Towers recommended for aeronautical charts four other Radio Towers were located as recoverable topographic stations. These are as follows:

Radio Tower (Station KMRC)
Radio Tower (Shell Oil Company)
Radio Tower (Sun Oil Company)
Radio Tower (Kernac)

12. OTHER INTERIOR FEATURES

All changes in roads since the date of the manuscript have been noted on the photographs. State route numbers on the manuscript are now in error due to a recent change in the State route numbering system. The new route numbers have been noted on the photographs. One route (667) as shown on the St. Mary Parish road plan does not exist.

All buildings to be added to the manuscript have been circled on the photographs and classified. Numerous house boats along the shore appear as buildings as do stacks of pipe used by the oil industry. Caution should be used not to map any of these as buildings.

There have been some changes in the public buildings in Morgan City and Berwick. The changes have been noted on the 1956 photography.

Buildings to be deleted have been crossed out in green ink on a copy of the map manuscript.

There are many underground pipe lines within the limits of the sheet. Some of these, where they cross fields, are not cultural features. They have been indicated on the photographs only for any aid that they may be to the compiler. Some of the short lines in the marsh area have either been removed and/or grown over by marsh so that they are no longer identifiable on the photographs nor the ground.

Three overhead cables have recently been constructed over navigable waters. Some of the towers which support these cables were completed prior to photography and the remaining ones were under construction at that time. These cables were measured and the clearances are as follows:

<u>Waterway</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Vertical Clearance</u>
Lower Atchafalaya River	29° 40.6'	91° 13.3'	147 ft.
Bayou Shaffer	29° 40.8'	91° 11.8'	154 ft.
Bayou Boeuf	29° 40.5'	91° 08.3'	158 ft.

There are no landing fields or airports within the area. Small planes equipped with floats land in the various bayous and then are pulled up small ramps for storage.

All wells, so labeled, are either oil, gas or injection wells unless otherwise labeled. One well often produces both oil and gas.

In some places where the photographs indicate that a well may be expected to be located, no well exists. It may be that drilling at these sites proved unproductive or that drilling has not as yet been attempted. All wells to be added to the map have been indicated on the photographs.

13. GEOGRAPHIC NAMES

No systematic investigation of Geographic names within the limits of this sheet was made. During the course of field work no discrepancies were noted in any of the names as mapped.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

- 1 Map - City Limits of Morgan City and Berwick, Louisiana
- 1 Map - Bayou Boeuf Locks
- 1 Map - Berwick Locks

Data, T-10515, forwarded to Washington 2 April 1957 in
Package No. 57-048.

Submitted

Leo F. Beugnet

Leo F. Beugnet
Cartographic Survey Aid

Approved:

Ira R. Rubottom

Ira R. Rubottom
Chief of Party

PHOTOGRAMMETRIC PLOT REPORT

Map Manuscript T-10645

Project Ph-170

Refer to the Photogrammetric Plot Report for T-10644 thru T-10648 and correspondence which is included in the Descriptive Report for T-10644 (1957).

REVISION COMPILATION REPORT

Map Manuscript T-9021 (New No. T-10645)

Project Ph-170

Items 31 and 32:

Refer to Descriptive Report for T-10644 (1957).

33. Supplemental Data:

Refer to prints of Bayou Boeuf Lock, right of way, C. of E. New Orleans District and Right of Way Berwick Floodgate, C. of E. New Orleans District.

Print of Morgan City and Berwick, St. Mary Parish, La. Scale not indicated.

34. Contours and Drainage:

Refer to Descriptive Report for T-10644 (1957).

35. Shoreline and Alongshore Details:

The mean high-water line was identified by field inspection, refined by stereoscopic examination of the photographs and compiled graphically. The effect of tide in this area is negligible and the Spring run-off was not considered because the photographs were taken in October. The shoreline inspection was adequate.

Approximate low-water lines were delineated in Bateman Lake. Elsewhere on the manuscript they could not be determined from the photography. There are no shoal lines indicated.

36. Offshore Details:

An oil well, wreck and spoil bank are shown offshore from M.H.W. line.

37. Landmarks and Aids:

Forms 567 are submitted for these features.

The aids to navigation shown conform to the time of field inspection and the 1956 Atlantic Coast Light List. Reference to the 1961 Atlantic Coast Light List will show many changes.

38. Control for Future Surveys:

Other than aids to navigation and landmarks reported on Forms 567 there were no additional horizontal control stations located. There are many points indicated on the manuscript thus: "21-07". These are merely identified picture points graphically located and used either in a sextant fix or as a sub-point for locating other points. They have the same accuracy as a minor detail point. Refer to Discrepancy Overlay.

39. Junctions:

Satisfactory junctions were made with T-10515 on the north, T-10644 on the west and T-10647 on the south. There is no contemporary survey to the east.

40. Horizontal and Vertical Data:

Refer to the Descriptive Report for T-10644 (1957).

41. Additional Data:

Refer to the Descriptive Report for T-10644 (1957).

46. Comparison with Existing Maps:

Refer to the Descriptive Report for T-10644 (1957).

47. Comparison with Nautical Charts:

Refer to the Descriptive Report for T-10644 (1957).

Approved:

Respectfully submitted:

Fred Natella *J. Edward Deal*

Fred Natella, CAPT, C&GS
Portland District Officer
for

J. Edward Deal
Cartographer

V. Ralph Sobieralski, CDR, C&GS

49. Notes to the Hydrographer:

None.

PHOTOGRAMMETRIC OFFICE REVIEW

T-10645

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

CONTROL STATIONS

- 5. Horizontal control stations of third-order or higher accuracy
- 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations)
- 7. Photo hydro stations None
- 8. Bench marks
- 9. Plotting of sextant fixes
- 10. Photogrammetric plot report
- 11. Detail points

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

- 20. Water features
- 21. Natural ground cover
- 22. Planetable contours None
- 23. Stereoscopic instrument contours None
- 24. Contours in general None
- 25. Spot elevations None
- 26. Other physical features None

CULTURAL FEATURES

- 27. Roads
- 28. Buildings
- 29. Railroads
- 30. Other cultural features

BOUNDARIES

- 31. Boundary lines
- 32. Public land lines None

MISCELLANEOUS

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

40. _____
 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:

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

T-10645

NONFLOATING AIDS ~~OR CHARTED LANDMARKS~~ FOR CHARTS

TO BE CHARTED

STRIKE OUT ONE

Portland, Oregon

15 November, 1957

I recommend that the following objects which have ~~(been)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(charts)~~ the charts indicated.
The positions given have been checked after listing by

J. E. Deal

V. Ralph Sobleralski, Chief of Party.

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY No.	DATE OF FIELD LOCATION	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE *		LONGITUDE *		DATUM						
				° ' "	"/ D.M. METERS	° ' "	"/ D.P. METERS							
LOUISIANA	Atchafalaya River Light 96	(6163) No. 114		29 38	18.29	91 14	15.73	M.A. 1927	RAD. PILOT T-10645	1956	X		880	
	Beers Island Light	(6164)		29 38	16.50	91 14	21.83	"	"	"	X		1050 ✓	
	Max Bayou Light 2	(6165) (7042)		29 39	30.79	91 14	33.47	"	"	"	X		1050 ✓	
	Bayou Boeuf Light 1	(7037)		29 41	04.42	91 11	33.70	"	"	"	X		800-881	
	Bayou Boeuf Light 5	(6166) (7039)		29 41	12.60	91 12	35.04	"	"	"	X		1050 ✓	
	Bayou Boeuf Light 4	(6167)		29 41	20.43	91 12	28.90	"	"	"	X		1050 ✓	
	Atchafalaya River Light 97	(7038) (6168) (7040)		29 42	47.48	91 13	22.03	"	"	"	X		1050 ✓	
	Morgan City - Flaquemine Light 1	(7041)		29 43	27.41	91 12	21.95	"	"	"	X		1050 ✓	
	Stouts Point Light	(6169)		29 44	39.59	91 13	48.53	"	"	"	X		881	
					12.19		1304				X		1050 ✓	

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.

* TABULATE SECONDS AND METERS

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

T-10645

~~NON-FLOATING~~ LANDMARKS FOR CHARTS

TO BE CHARTED

STRIKE OUT ONE

~~TO BE CHARTED~~

Portland, Oregon

15 November, 1957

I recommend that the following objects which have ~~been~~ been inspected from seaward to determine their value as landmarks be charted on ~~(charts)~~ the charts indicated.
The positions given have been checked after listing by

J. E. Deal

V. Ralph Sobieralski, Chief of Party.

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	CHARTS AFFECTED	
				LATITUDE*		LONGITUDE*		DATUM	INSHORE CHART				OFFSHORE CHART
				°	'	°	'						
LOUISIANA													
	STACK	brick, height 100 ft. (102) (AVOCA ISLAND DRAINAGE CO. BRICK STACK, 1931)		29	39	91	11	N. A.	1931	X	880		
	DERRICK	steel, height 118 ft. (122) (MORGAN CITY, GULF CRUSHING CO., STEEL DERRICK, 1931) Note: This is a name change.		29	41	91	12	"	"	X	881		
	TANK	steel, height 133 ft. (139) (MORGAN CITY MUNICIPAL TANK 1931)		29	41	91	12	"	"	X	880, 881		
	TOWER	Steel, transmission, height 210(214)		29	40	91	13	"	"	X	1050 ✓ HK		
	TOWER	Steel, transmission, height 210(214)		29	40	91	13	"	"	X	880		
	TOWER	Steel, transmission, height 210(214)		29	40	91	11	"	"	X	881		
	TOWER	Steel, transmission, height 210(215)		29	40	91	11	"	"	X	"		
	TOWER	Steel, transmission, height 210(213)		29	40	91	08	"	"	X	"		
	TOWER	Steel, transmission, height 210(215)		29	40	91	08	"	"	X	"		
	TANK	Steel, height 164 (171) (Center of three)		29	41	91	13	"	"	X	"		
	STACK	Steel, height 124 (128)		29	41	91	10	"	"	X	"		
		(Note: This is at the present time charted as "STACK", Chart 881.)											

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.

* TABULATE SECONDS AND METERS

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

T-10645

NAUTICAL CHARTS BRANCH

TO BE CHARTED

STRIKE OUT ONE

Portland, Oregon

15 November, 1957

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

J. E. Deal

V. Ralph Sobieralski, Chief of Party.

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	CHARTS AFFECTED
				LATITUDE *		LONGITUDE *				
				D. M. METERS	D. P. METERS	D. M. METERS	D. P. METERS			
LOUISIANA										
Radio Tower	steel, height 217 (221)			29 41	47.21	91 09	43.77	N.A. 1927	1957	New Orleans Sectional
Radio Tower	steel, height 312 (316)			29 41	43.77	91 11	43.77	" "	" "	" "

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.

* TABULATE SECONDS AND METERS

48. Geographic Names:

Avoca Island
Bateman Island
Bateman Lake
Bayou Boeuf
Bayou Lawrence
Bayou Perault
Bayou Ramos
Bayou Shaffer
Bayou Traine
Beers Island
Berwick
Berwick Bay
Berwick Island
Croesus Pass
Drews Island
Drews Pass
Duck Bayou
Flat Lake
Glenn Orange
Greenwood
Honey Bayou
Honey Island
Inglewood
Lake Palourde
Little Bayou Black
Little Wax Bayou
Long Island
Lower Atchafalaya River
Middle Island
Middle Pass
Morgan City
Morgan Island
Oakley
Pharr
Pique Bayou
Rabbit Island
Ramos
Riverside Pass
Rhoda
Rock Bayou
St. Martin Parish
St. Mary Parish
Sixmile Lake
Solar Pass
Stouts Pass
Tiger Island
Wyandotte

George W. Ball
Geographic Names Section

13 April 1962

REVIEW REPORT
OF Planimetric Manuscripts T-10644 through T-10648
November 1962

62. General Statement

There are five (5) of 31 planimetric maps of Project PH-170, Atchafalaya River, La. These maps are copies of the 1948 planimetric maps numbered T-10644 (T-9020), T-10645 (T-9021), T-10646 (T-9025), T-10647 (T-9026) and T-10648 (T-9031) revised from nine-lens photographs taken October 1956. These maps were prepared as bases for Nautical Charts and for future hydrographic surveys.

62. Comparison with Registered Topographic Surveys

There was none made during this review, as these maps are reproductions of the 1948 series and revised from the 1956 photography.

63. Comparison with Maps of Other Agencies

Point Au Fer, La.	1:62,500	C.ofHE.	1957
Morgan City, La.	1:62,500	C.ofHE.	1955
Belle Isle, La.	1:62,500	C.of R.	1954

There is good agreement throughout between these surveys.

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

880	1:40,000	1954 revised to May 1962
881	1:40,000	Sept. 1962
1276	1:80,000	May 1962
1050	1:175,000	1961 revised to Apr. 1962

There are no changes of importance between the charts and the subject manuscripts.

66. Adequacy of Results and Future Surveys

These manuscripts were prepared as bases for Nautical Charts, and are within the required accuracy.

Reviewed by:

L. C. Lande
L. C. Lande

Approved by:

Charles Theurer
Chas. Theurer
Chief, Cartographic Branch

Sam G. Taylor
Chief, Nautical Chart Div.

J. W. Wugh 3/12/63
Chief, Photogrammetry Div.

Harold S. Conroy
Chief, Operations Division

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. 10645

INSTRUCTIONS

- A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.
- 1. Letter all information.
- 2. In "Remarks" column cross out words that do not apply.
- 3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

CHART	DATE	CARTOGRAPHER	REMARKS
881	7-31-63	John P. Wein	Full Part Before After Verification Review Inspection Signed Via Drawing No. 6
1050	1-6-64	H. J. Keeler	Full Part Before After Verification Review Inspection Signed Via LCL Drawing No. <i>Considered not applied REC 2-4-64</i>
1276	5/26/63	John P. Wein	Full Part Before After Verification Review Inspection Signed Via Drawing No.
880	8/10/64	John P. Wein	Full Part Before After Verification Review Inspection Signed Via Drawing No. 12 <i>Critical corrections only</i>
880	11/4/65	H. Quimby	Full Part Before After Verification Review Inspection Signed Via Drawing No. <i>(Compared with application to chart 881)</i>
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.