
Form 894

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Planimetric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field No.</td>
<td>Ph-170</td>
</tr>
<tr>
<td>Office No.</td>
<td>T-10644</td>
</tr>
</tbody>
</table>

LOCALITY

State        Louisiana
General locality Lower Atchafalaya River
Locality     Patterson

1956-57

CHIEF OF PARTY
I.R. Rubottom, Chief of Party
V.R. Sobieralski, Portland Photo. Off.

LIBRARY & ARCHIVES

DATE         May 1963
DESCRIPTIVE REPORT - DATA RECORD

T-10644 (new number)
T-9020 (REVISION)

PH 170

Project No. (II): 25372
Quadrangle Name (IV):

Field Office (II): Morgan City, Louisiana
Photogrammetric Office (III): Portland, Oregon

Chief of Party: Ira R. Rubottom
Officer-in-Charge: V. Ralph Sobieralski

Instructions dated (II) (III):
II  4 December 1956
II  Supplement I, 14 March 1957

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 - 1958
Date reported to Nautical Chart Branch (IV):

Applied to Chart No.  Date:

Publication Scale (IV):
Geographic Datum (III): N.A. 1927

Publication date (IV):
Vertical Datum (III): X
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): TECHE, 1931

Lat.: 29° 43' 27.966" Long.: 91° 18' 42.700"
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.
Areas contoured by various personnel
>Show name within area
(II) (III)
DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): Leo F. Beugnet

Date: February-March 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.-Mar. 1957 and graphic compilation

Projection and Grids ruled by (IV): Reproduction of Original T-9020 Date:

Projection and Grids checked by (IV): Date:

Control plotted by (III): Plotting was done on original T-9020 Date:

Control checked by (III): Date:

Radial Plot or Stereoscopic Control extension by (III): J. L. Harris Date: 9-25-57

Stereoscopic Instrument compilation (III): Planimetry Date:

Contours Date:

Manuscript delineated by (III): C. C. Harris (Planimetry Revision) Date: 11-14-57

Photogrammetric Office Review by (III): J. E. Deal Date: 12-5-57

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

COMM-DC-57842
DESCRIPTIVE REPORT - DATA RECORD

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

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
</thead>
<tbody>
<tr>
<td>54768 thru</td>
<td>10-15-56</td>
<td>10:25</td>
<td>1:20,000</td>
<td>Tide is mainly diurnal. Probably about 0.5' above M.L.W. on this day.</td>
</tr>
<tr>
<td>54779 and</td>
<td>&quot;</td>
<td>10:39</td>
<td>&quot;</td>
<td></td>
</tr>
<tr>
<td>54780</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tide (III)

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

Washington Office Review by (IV):
Final Drafting by (IV):
Drafting verified for reproduction by (IV):
Proof Edit by (IV):

*(Revision of)*

Land Area (Sq. Statute Miles) (III): 64.7 *
Shoreline (More than 200 meters to opposite shore) (III): 9.7 *
Shoreline (Less than 200 meters to opposite shore) (III): 62.0 *
Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 11
Number of BMs searched for (II):
Number of Recoverable Photo Stations established (III): 2
Number of Temporary Photo Hydro Stations established (III):

Remarks:
Bench marks searched for are all Tidal Bench Marks.
2. AREAL FIELD INSPECTION

This sheet is entirely within St. Mary Parish. With the exception of the oil fields, the only developed area is that adjacent to Bayou Teche and the Lower Atchafalaya River. This area, along with the Intracoastal Waterway and the town of Patterson, are the only salient features. The remainder of the area is either marsh or swamp.

Revision of the area was accomplished using 1956 nine lens 1:20,000 scale photography. Photography being of recent date and of good quality no difficulty was encountered in their interpretation.

For detail description of the area see Field Inspection Report T-9020, Project Ph-21.

3. HORIZONTAL CONTROL

All stations within the limits of the sheet were searched for and reported on form 526 with the exception of station SATSUMA USE for which there was no description available.

Stations reported as lost on form 526 are as follows:

Patterson Airport Beacon, 1931
2850 + 19.71 USE
2918 + 75.48 USE
3017 + 24.64 USE

4. VERTICAL CONTROL

This phase was limited to the recovery of tidal bench marks.

5. CONTOURS AND DRAINAGE

Contours inapplicable.

With the exception of new canals and ditches the drainage as delineated on the manuscript is adequate and complete. All new canals and ditches have been noted on the photographs.

6. WOODLAND COVER

Woodland cover is as mapped with the exception of a few small areas. These are self evident on the photographs and have been noted on a copy of the map manuscript.
7. **SHORELINE AND ALONGSHORE FEATURES**

A complete inspection was made of the shoreline along navigable waters. A revision of the shoreline and floodgates at the junction of Bayou Teche and Wax Lake Outlet will be necessary. Many piling and hydrant booms have been removed along the Intra-coastal Waterway. The shoreline is adequately covered by field inspection notes on the 1956 photography.

The low water line is parallel and close to the mean high water line. No low water line has been indicated on the photographs as for all practicable purposes they coincide.

The foreshore is entirely of mud and is steep. There are no bluffs or cliffs within the area.

All docks, wharves and piers have been indicated on the photographs.

The shore end of all submarine cables and pipelines have been identified on the field photographs.

8. **OFFSHORE FEATURES**

No offshore features for investigation by the hydrographic party were noted during the course of field work.

9. **LANDMARKS AND AIDS**

All landmarks, aids to navigation and aeronautical aids have been reported on form 567.

The lantern of Drainage Canal Light 2 (6174) was not on station at the time of shoreline inspection, although the supporting structure was still in place.

10. **BOUNDARIES, MONUMENTS AND LINES**

There are no Boundaries, Monuments or Lines to be mapped within the limits of this sheet.

11. **OTHER CONTROL**

The following mentioned topographic stations were established:

- HARD 1957
- JCKE 1957

One natural object, namely, Radio Tower was located as a topographic station.
12. OTHER INTERIOR FEATURES

All roads within the sheet were inspected and classified. Roads to be deleted have been noted on a copy of the map manuscript. Due to a change in the numbering system of state routes, the state route numbers as appear on the manuscript are now in error. State route numbers have been noted on the field photographs.

All buildings for mapping, with the exception of the building within the Patterson urban area, have been circled and classified on the field photographs.

Two overhead cables crossing navigable waters were measured and the clearances are as follows:

<table>
<thead>
<tr>
<th>Waterway</th>
<th>Lat.</th>
<th>Long.</th>
<th>Vert. Cl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower Atchafalaya River</td>
<td>29° 40.7'</td>
<td>91° 17.5'</td>
<td>76.7 ft.</td>
</tr>
<tr>
<td>Wax Lake Outlet</td>
<td>29° 41.8'</td>
<td>91° 22.3'</td>
<td>75.0 ft.</td>
</tr>
</tbody>
</table>

The Harry P. Williams Airport located northwest of the town of Patterson has a single concrete and macadam runway suitable for medium weight aircraft. This airport is now mapped as Williams Memorial Airport.

The clearances of the swing bridge across Bayou Teche, north of the town of Patterson, were found to have been changed. The correct clearances are as follows:

<table>
<thead>
<tr>
<th>Horizontal clearance</th>
<th>Vertical clearance</th>
</tr>
</thead>
<tbody>
<tr>
<td>61.0 ft.</td>
<td>12.9 ft. above MHW</td>
</tr>
</tbody>
</table>

The above clearances are as computed from data furnished and tide staff readings of the U. S. Army Engineers.

All wells within the area are either oil, gas or injection wells, unless otherwise labeled. One well often produces oil and gas.

Information obtained during the course of field work reveals that some wells which are not producing at present (capped wells) are capable of producing and will be used when needed. In cases where specific information was learned that wells were dry that fact has been so noted on the photographs.
13. **GEOGRAPHIC NAMES**

No complete investigation of geographic names was made during this survey. During the course of field work no discrepancy in names was noted with the exception of that noted in the preceding paragraph.

14. **SPECIAL REPORTS AND SUPPLEMENTAL DATA**

Date, Map T-10526, to be forwarded at a later date.

Submitted

[Signature]
Leó F. Beugnet
Cartographic Survey Aid

Approved:

[Signature]
Irá R. Rubottom
Chief of Party
PHOTOGRAMMETRIC PLOT REPORT

Map Manuscripts T-10644 thru T-10648

Project Ph-170

The details of the Photogrammetric Plot completed for these manuscripts are outlined in correspondence, copies of which are included.

(a) Letter to Chief, Photogrammetry Division, dated 11 Sept. 1957; Subject: Revision of Planimetry, Project Ph-170.

(b) Letter to Chief, Photogrammetry Division, dated 23 Sept. 1957; Subject: Horizontal Control, Project Ph-170, Morgan City, Louisiana.

(c) Letter 731-lfs, dated 26 Sept. 1957; Subject: Revision of Planimetry - Project Ph-170, Atchafalaya River, La.

(d) Letter 731/raf, dated 2 Oct. 1957; Subject: Project Ph-170, Atchafalaya River, La.

Approved: [Signature]  Respectfully submitted: [Signature]

Fred Natella, CAPT, C&GS  J. Edward Deal
Portland District Officer  Cartographer
AIR MAIL

To: The Chief, Photogrammetry Division
Coast and Geodetic Survey
Department of Commerce
Washington 25, D. C.

Subject: Revision of Planimetry - Project Ph-170;
Atchafalaya River, Louisiana

Reference: (a) Instructions (Office) - Project 25170 -
Atchafalaya River, La., dated 21 June 1957

(b) Paragraph 4611, Topographic Manual

Paragraph 5.02 of reference (a) requires the revision of five
map manuscripts compiled from 1948 photographs. Inspection of the
recently completed field inspection shows that the changes are
extensive. It is felt that matching the 1956 photography to the 1948
planimetry would result in an unsatisfactory revision. We are,
therefore, preparing the photographs for a radial plot to be made
as follows.

(1) Inasmuch as only one horizontal control station was field
identified, sufficient pass points have been selected for satisfac-
tory orientation of each photograph. These are points of
clearly defined detail common to the compiled planimetry and the
1948 photographs. Prominent objects that have been located by
triangulation and can be identified positively in the office will
also be used to control the plot.

(2) Templates are being drawn with radii of this triangulation;
 pass points and points selected by the field party to be located
by photogrammetric methods.

(3) A radial plot will be made with the outlined black line im-
pressions as a base projection. Office identified triangulation
and pass points will be used to control the plot. Adequate
locations should be obtained for the points selected by the field
party.

(4) Detail points to control the revised planimetry will be
selected and located by standard methods.
Reference (b) requires the field party to furnish forms 524 and 567 for landmarks and fixed aids to navigation. The field party identified on the photographs and furnished identification cards for the following points to be located by photogrammetric methods.

1. Aids to navigation
2. Landmarks
3. Prominent objects presumed to be considered as topographic stations
4. Marked topographic stations (Forms 524 furnished)
5. Chart points to be used for boundary locations

Forms 524 and 567 for the landmarks and Form 567 for the aids to navigation have not been received. Classification of the five prominent interior objects is in doubt. Both forms should have been submitted if they are to be considered as landmarks.

V. Ralph Jedralski
LCNR, CGGS
Officer-in-Charge
Portland Photogrammetric Office
405 Custom House
Portland, Oregon

23 September 1957

To: The Chief, Photogrammetry Division
Coast and Geodetic Survey
Department of Commerce
Washington 25, D.C.

Subject: Horizontal control, Project Pn-170, Morgan City, Louisiana

After completing a revision radial plot for map manuscripts T-1064 and T-1064.3 (new numbers) there were two stations identified in the office from 1957 descriptions as follows:

MAY LAKE OUTLET EAST TRANS. TR. 1948
PBM LAKE (USE) 1948

These stations are located on manuscript T-1064 and lie approximately 300 meters apart.

Geographic positions or previous descriptions for these stations were not furnished and the locations of the stations as plotted on the manuscript were accepted as correct.

The identification of MAY LAKE OUTLET EAST TRANS. TR. 1948 is definite although the tower may have been moved since 1948. In the radial plot an intersection was obtained for this station 10 meters east of the plotted position.

The identification of PBM LAKE (USE) 1948 is not positive, but the station as identified holds without forcing with other office identified horizontal control and the previously compiled planimetry.

It is requested that previous descriptions and geographic positions of these stations be furnished so that this condition may be given further study.

V. Ralph Sobieralski
LCGI C&G Survey
Officer-in-Charge

JED/bpo
To:        LRR V. Ralph Sobieralski  
Portland Photogrammetric Office  
105 Custom House  
Portland 9, Oregon

Subject:  Revision of planimetry - Project H    
         Atchafalaya River, La.

The methods outlined in your letter of 11 September to control the revision of planimetry on the old planimetric maps is very satisfactory.

... Landmarks and fixed aids to navigation must be reported on Form 567. However, no forms 567 were included with the field records sent here from the field. It is probably CDR Rubottom's intention to submit them as a complete set on completion of the project.

Although all landmarks and fixed aids to navigation, which have not been recovered or established as a triangulation station, are located and designated as recoverable topographic stations, we have been stimulating in our current project instructions to the field that Forms 524 are required only for documented topographic stations (See par. 10.01, Project Instructions, dated 4 December 1956).

L. J. Swanson, Chief;  
Photogrammetry Division

cc: CDR Ira H. Rubottom
To:

The Director, Photogrammetry Branch

Subject: Project "H-2", Ochoco National Forest

Re: Your letter of 23 July, 1933, relative to the Ochoco National Forest project.

The station at "Ochoco National Forest" is a topographic station and not a triangulation station. Its symbolization is as a triangle on the existing map. It was originally described on Form 525 as a triangulation station, but was later corrected to a topographic station as per the Field Method of Location. The symbol is not the actual survey point, as the survey was done by the Field Method of Location. The symbol on the map is the location noted in your letter of 23 July, 1933. If the station is not correct, please write us.

The official description for "Ochoco National Forest" is as follows:

"Ochoco National Forest" is located within the Ochoco National Forest in the State of Oregon. The forest is bounded on the north by the Klamath River, on the south by the Deschutes River, on the east by the John Day River, and on the west by the Oregon State Line. The forest is approximately 93,000 acres in size.

The accuracy of the official description and the boundary features is guaranteed by the United States Forest Service.

The official description of the forest is available upon request from the United States Forest Service, Portland, Oregon.

Yours truly,

[Signature]

[Position]

[Agency]
Refer to Descriptive Report for T-9020 (1950).
31. **Delineation:**

Minor detail points were located by the compiler for use as supplementary points to control the revision of planimetry. Field identified and office identified horizontal control stations were supplemented by the pass points located in the radial plot to control the photographs at the compilation table. The revision of planimetry is extensive and the changes and additions are shown in red plastic ink. Field inspection was in general complete, but it was necessary to delineate many of the changes in planimetric detail in the compilation office. The location of underground pipe lines thru marshy areas was definite, but was assumed thru cultivated fields.

Refer to Discrepancy Overlay for suggested changes since advance manuscript was completed.

32. **Control:**

The horizontal control as described in photogrammetric plot report and under Item 31 was adequate.

33. **Supplemental Data:**

None

34. **Contours and Drainage:**

Contours are not applicable. Drainage not field inspected was interpreted from office photographs during compilation.

35. **Shoreline and Alongshore Features:**

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.

There were no low-water or shoal lines field inspected and none were delineated at the compilation office.
36. Offshore Details:

None.

37. Landmarks and Aids:

Forms 567 are submitted for four landmarks, two aeronautical landmarks and one fixed aid to navigation.

The aid to navigation listed conforms to the 1956 Atlantic Coast Light List.

38. Control for Future Surveys:

Forms 521 are submitted for two recoverable topographic stations.

39. Junctions:

Satisfactory junctions were made on the north with T-10527, on the east with T-10645 and on the south with T-10646. There is no contemporary survey to the west.

40. Horizontal and Vertical Accuracy:

Vertical accuracy is not applicable.

The horizontal accuracy is believed to be of standard quality and within the limits outlined in methods described in the Photogrammetric Plot Report.

41. Additional Data:

Refer to copies of correspondence included with this descriptive Report.

A. Letter dated 10 Sept. 1957 from Corps of Engineers, Reply to Reference A.


C. Ltr. to Chief, Photogrammetry Division, dated 24 Sept. 1957, Subject: Parish Boundary Lines, Project Ph-170, Morgan City, La.

D. Ltr. 761/rrj, dated 8 June 1960, Subject: T-10644 thru T-10648, Project Ph-170.

E. Ltr. to Chief, Photogrammetry Division, dated 10 May 1961, Subject: T-10644 thru T-10648, Project Ph-170

F. Ltr. 6321/S-ms, dated 15 May 1961 Subject: Same as References D and E.

46. Comparison with Existing Maps:

Comparison was made with C of E 15 minute Belle Isle, Louisiana quadrangle, edition of 1954, Scale 1:62,500.

47. Comparison with Nautical Charts:

Comparison was made with Nautical Chart No. 1050, 1st Edition, Revised 2-25-57, Scale 1:175,000 at Lat. 30°.

Items to be Applied to Nautical Charts Immediately.

None.

Items to be Carried Forward.

None.

Approved: Respectfully submitted:

Fred Natella, CAPT, C&GS  J. Edward Deal
Portland District Officer Cartographer for
V. Ralph Sobiersalski, CDR, C&GS
Portland Photogrammetric Office
405 Custom House
Portland 4, Oregon

AIR MAIL: 5 September 1957

To: Corps of Engineers, U. S. Army
New Orleans, Louisiana District
P.O. Prytania Street
New Orleans, Louisiana

Attention: Bridge Division

Subject: Request for bridge data

This office is currently engaged in an aerial mapping project in the vicinity of Atchafalaya River, Louisiana. Photographs taken in October 1956 indicate that a new swing bridge has been built since 1948 for the highway crossing the Lower Atchafalaya River at Patterson, St. Mary Parish, Louisiana.

If this is correct will you kindly furnish us with the following:

(a) date of erection of new bridge
(b) horizontal clearance (navigation span)
(c) vertical clearance (closed) at M.H.W.

V. Ralph Sobierski
LCCS OMS Survey
Officer-in-Charge

JED/ops
10 September 1957

Gentlemen:

Reference is made to your letter dated 5 September 1957, requesting information on the existing highway bridge across the Atchafalaya River at Patterson, Louisiana.

The following is furnished:

a. The bridge was completed 25 October 1946.

b. Horizontal clearance is 61.0 feet.

c. Vertical clearance above mean high water, in closed position, is 68.5 feet (high water 6.5 feet mean sea level).

For the District Engineer:

Sincerely yours,

[Signature]

Chief, Operations Division.
10 September 1957

To: Officer in Charge
Coast and Geodetic Survey
Portland Photogrammetry Office
401 Clinton House
Portland 9, Oregon

Subject: Geographic position - Idlewild Plantation
Water Taxi 1951

Enclosed is an autostat copy of Louisiana geographic position page 82 which has been corrected.

The correct longitude is 91° 15' 15.526 and the seconds in tenths value is 417.3 as indicated on the revised copy.

Charles Pierce
Rear Admiral, CGGS
Assistant Director

Enclosure
To: The Chief, Photogrammetry Division
    East and Geodetic Survey
    Department of Commerce
    Washington 25, D.C.

Subject: Parish Boundary Lines, Project Ph-1, Morgan City, Louisiana

The previously compiled manuscripts No. 1-4035 and T-9296 show the boundary line between St. Bernard parish and Terrebonne parish located adjacent to the east shorelines of the lower Atchafalaya River and Sweetbay Lake respectively.

During the revision of these manuscripts now in progress this boundary line will move approximately 15 to 30 meters inland. This office is unable to determine if the boundary line is to be moved accordingly.

The Belle Isle, Louisiana and the Morgan City, Louisiana, Corps of Engineers 15 minute quadrangles prepared for the Mississippi River Commission show this boundary located at the middle of the lower Atchafalaya River and approximately offshore from the east shoreline of Sweetbay Lake.

Point Au Fer quadrangle and Lake DeWitt quadrangle are not available for comparison with T-9296.

V. E. Sobieralski
    LGS A Survey
    Office in-Charge
To:
Coast and Geodetic Survey
Portland Photogrammetric Office
205 Custom House
Portland, Oregon

Subject: T-10646 thru T-10650, Project PW-170

Reference: Your letter, 17 March 1958, 3C, Bpo

Because of workload and priorities, a decision for the disposition of subject T-sheets was made only recently. These five (5) T-sheets will be reviewed at the Washington Office, and upon completion, copies of the final manuscripts and the black and white reproductions on plastic with the red and black revision work will be submitted to the Portland Office for juxtaposition purposes and to prepare the necessary descriptive reports.

L. W. Johnson, Chief
Photogrammetry Division
AIR MAIL

10 May 1961

To: Chief, Photogrammetry Division
   Coast and Geodetic Survey
   Washington, D.C.

Subject: T-10644 thru T-10648 Project Ph-170

Reference: Letter 761/rrj dated 8 June 1960, Same Subject

This office is preparing to forward to Washington all photographs, descriptive reports and other data for the completed manuscripts in Project Ph-170.

Will we continue to retain photographs and other data in Portland for the area of subject manuscripts to comply with plans outlined in reference?

J. Edward Don, Cartographer
for
Fred Nastelli, Capt, CGS
Portland District Officer

Encl.
JED/bpc
15 May 1961

To: Chief, Photogrammetric Unit
    Portland Chief Office
    Coast and Geodetic Survey
    405 Custom House
    Portland, Oregon

Subject: T-10644 through T-10646, Ph-170

Reference: Letters 761/rrj - 8 June and 825/bpe -
            10 May 1961.

Pressing and type-application of subject "sheets are nearing completion now and it is expected, that
these and the original map manuscripts will be forwarded to the Portland Photogrammetric
Office by the end of this month. This should enable the early disposal of the five (5) "T-sheets
as outlined in reference letter 761/rrj of 8 June
1961."

L. W. Swanson, Chief
Photogrammetry Division

6321/A
49. Notes to the Hydrographer:

Forms 524 are submitted for Recoverable Topographic Stations.

JOKE, 1957 and HARD, 1957

Refer to Forms 567 for Landmarks and Aids.
PHOTOGRAMMETRIC OFFICE REVIEW

T: 10644


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 None

ALONGSHORE AREAS
(Nautical Chart Data)

PHYSICAL FEATURES

CULTURAL FEATURES

BOUNDARIES
31. Boundary lines ✓ 32. Public land lines None

MISCELLANEOUS

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

M 2023-12

43. Remarks:
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

C. C. Harris

V. Ralph Sobierski, Chief of Party.

<table>
<thead>
<tr>
<th>STATE</th>
<th>LOUISIANA</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>See NM 8-1957</td>
<td>DRAINAGE CANAL LIGHT 2 (6174)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>POSITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIGNAL NAME</td>
<td>LATITUDE*</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
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<tr>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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
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

G. C. Harris

V. Ralph Sobierański Chief of Party.

<table>
<thead>
<tr>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>SIGNAL NAME</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>DATUM</th>
<th>METHOD OF LOCATION AND SURVEY NO.</th>
<th>DATE OF LOCATION</th>
<th>CHARTS AFFECTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPIRE</td>
<td>Wooden, height 90 (98) (PATTERSON, ST. JOSEPH'S CATHOLIC CHURCH, SPIRE 1931)</td>
<td></td>
<td>29 41</td>
<td>986.5</td>
<td>91 18</td>
<td>Triangulation 1931</td>
<td>1927</td>
<td>880</td>
</tr>
<tr>
<td>TANK</td>
<td>Steel, height 109 (119) (PATTERSON, MUNICIPAL TANK 1931)</td>
<td></td>
<td>29 41</td>
<td>1350.5</td>
<td>91 18</td>
<td>T-10664</td>
<td>T-10664</td>
<td>1050</td>
</tr>
<tr>
<td>TOWER</td>
<td>Steel, transmission, height 176 (182) (WAX LAKE OUTLET EAST TRANSMISSION TOWER 1957)</td>
<td></td>
<td>29 41</td>
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<td>91 22</td>
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<td>Steel, height 303 (310)</td>
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<td>29 42</td>
<td>1595.2</td>
<td>91 18</td>
<td>T-10664</td>
<td>T-10664</td>
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</tbody>
</table>

* Note: See letter from Chief, Photogrammetry Division, 731/46, dated 2 October 1957
Subject: Project Ph-170, Atchafalaya River, La.

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
I recommend that the following objects which have (\textit{drawn}) been inspected from seaward to determine their value as landmarks be charted on (\textit{drawn}) the charts indicated.

The positions given have been checked after listing by

C. C. Harris

\begin{table}[h]
\centering
\begin{tabular}{|c|c|c|c|c|c|c|c|}
\hline
\textbf{STATE} & \textbf{LOUISIANA} & & & & & & \\
\hline
\textbf{CHARTING NAME} & \textbf{DESCRIPTION} & \textbf{SIGNAL NAME} & \textbf{LATITUDE*} & \textbf{LONGITUDE*} & \textbf{DATUM} & \textbf{METHOD OF LOCATION AND SURVEY NO.} & \textbf{DATE OF LOCATION} & \textbf{CHARTS AFFECTED} \\
\hline
BEACON & (HARRY P. WILLIAMS AIRPORT BEACON) & & & & & & \\
& (ROTATING) 1957 & & & & & & \\
\hline
RADIO & Steel, height 303 (310) & & 51.809 & 02.411 & & & & \\
TOWER & & & 1595.2 & 91.18 & 64.8 & & & \\
\hline
\end{tabular}
\end{table}

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and \textit{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.

* \textit{TABULATE SECONDS AND METERS}
48. Geographic Names:

Avalon
Bayou Bethel
Bayou Haydel
Bayou Patterson
Bayou Teche
Bayou Three
Berwick Island
Big Bull Bayou
Big Wax Bayou
Calumet
Clarks
Cutoff Bayou
Double Mouth Bayou
Glenwild
Gray Horse Isle
Highland Drainage Canal
Honey Island
Idlewild
Little Bethel Bayou
Little Bull Bayou
Little Cutoff Bayou
Little Wax Bayou
Lower Atchafalaya River
Luckland Plantation
Maple Bayou
Middle Island
Morgan Island
Oak Bayou
Patterson
Possum Bayou
Possum Point
Riverside Pass
Simmons Bayou
Sixmile Bayou
Sixmile Lake
Thompson Bayou
Three Island Pass
Tucker Bayou
Waveland Plantation
Wax Lake Outlet
Wildcat Bayou
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.ofE.  1957
Morgan City, La.  1:62,500  C.ofE.  1955
Belle Isle, La.  1:62,500  C.of E.  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
1059  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.
**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.

<table>
<thead>
<tr>
<th>CHART</th>
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<th>CARTOGRAPHER</th>
<th>REMARKS</th>
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**File with Descriptive Report of Survey No. 10644**

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**Note:** The table continues with similar entries but without detailed remarks in this portion of the text.