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U. S. COAST & GEODETIC SURVEY  
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DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton, Director

State: Louisiana

DESCRIPTIVE REPORT

Topographic } Sheet No. Letter A 6076  
Hydrographic }

LOCALITY

Mississippi Delta

Caminada Pass to Pass Fourchon

1933

CHIEF OF PARTY

L. C. Wilder

U. S. GOVERNMENT PRINTING OFFICE: 1928

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DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

REG. NO. 6076

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field ~~No.~~ Letter A

REGISTER NO. 6076

State Louisiana

General locality Mississippi Delta

Locality Caminada Pass to Pass Fourchon

Scale 1:20,000 Date of survey Nov. and Dec., 1933

Vessel Field Party No. 4.

Chief of party L. C. Wilder.

Surveyed by T. F. Squires

Inked by Thos. B. Reed

Heights in feet above ----- to ground to tops of trees

Contour, Approximate contour, Form line interval ----- feet

Instructions dated October 27, 1933

Remarks: Plane table survey made of outer shore line only,  
in conjunction with photo-topographic survey of entire area.

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DESCRIPTIVE REPORT  
to accompany

Topographic Sheet "A", Pass Fourchon to Caminada Pass,

Barataria Bay, La.      Field Party No. 4.

L. C. Wilder, Chief of Party to January 14, 1934.

Thos. B. Reed, Chief of Party from Jan. 15, 1934.

DATE OF INSTRUCTIONS:                      October 27, 1933.

DATE OF SURVEY:                              November and December, 1933.

SURVEY METHODS:

This plane table survey was made in conjunction with a photo-topographic survey of the entire Barataria Bay area and consisted only in delineation of the outer shore line and location of hydrographic signals along the outer coast. The usual plane table methods were employed, except that distance in traverses was measured along the beach with a 100 meter wire.

Three traverses were run on this sheet: PASS 2 to LAKE, LAKE to MOREAU, and MOREAU to CAMINADA. These were all run in the field as "blind traverses", the line LAKE to MOREAU, and the line MOREAU to CAMINADA being run on an aluminum mounted sheet and the line PASS 2 to LAKE on Whatman paper. These traverses were later transferred to the sheet. Traverses closed as follows: PASS 2 to LAKE, 7 meters long; LAKE to MOREAU, exact; MOREAU to CAMINADA, 4 meters short. Closing errors were adjusted.

CONTROL:

Triangulation control for this sheet consisted of the following triangulation stations: PASS 2, 1934; LAKE, 1928; MOREAU, 1928; and CAMINADA, 1927. N. A. 1927 datum.

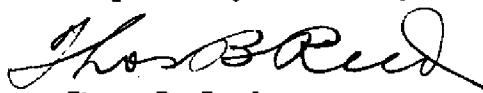
GENERAL DESCRIPTION OF COAST:

The coast line in this region is characterized by a fringe of low sandy beach backed by marsh. There are no landmarks of any importance along the coast line shown on this sheet. The tidal range in this region is only 1 foot and there is very little difference on this sheet between the normal high and low water lines.

COMPARISON WITH PHOTO-TOPO SHEETS:

The section of outer coast line from LAKE to CAMINADA has changed very little since 1932 when the photographs were taken for the photo-topo sheets. West of LAKE the shore line has worn away as much as 60 meters in places. The sand beach in this region is very low and the shore line unstable and changes in the outer shore line since the date of the photographs are to be expected.

Respectfully submitted,



Thos. B. Reed,  
Lieut. C. & G. Survey,  
Chief of Field Party No. 4.