

4044

Form 504

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

State: Louisiana

11-5612

DESCRIPTIVE REPORT.

Topog. Sheet No. 4044

LOCALITY:

Miss. River Delta

Southwest Pass

191²²

CHIEF OF PARTY:

G.C. Mattison

4044

TOPOGRAPHIC Sheet #2.

This sheet was compiled in November, 1923, from airplane photographs. The photography was done in April and May, 1922 by personnel of the Naval Air Service.

The mosaics were constructed by H. C. MacNab, Draftsman, and H. J. Petersen, Deck Officer. Pantographic reductions were made by Mr. Peterson. The reduced data were transferred to the sheet by G. C. Mattison. The sheet was inked by V. A. Powell, Deck Officer, and Mr. MacNab.

CONTROL: The triangulation stations are all computed on the datum used up to, and including the year 1921. There was sufficient control for the accurate plotting of the shoreline, and the results obtained should equal in accuracy the topographic work by ordinary field methods.

GENERAL DESCRIPTION: The whole area is marshy, with the exception of the filled-in area at Burwood. The marsh land is not used for any purpose. Wild cane and marsh grass are the only vegetation.

BURWOOD: A settlement of engineers and laborers engaged in the maintenance of Southwest Pass Channel and jetties is located here. The radio towers and tank at Burwood are prominent objects and should appear on the chart. The old S. W. Pass Light tower is also prominent. These have all been located by triangulation. There is a small store at Burwood. Gasoline and coal may be obtained in cases of emergency from the U. S. Engineer's at Burwood.

The 1922 photographs did not include the jetties, and as changes have been made in the jetties, since that time, the Engineer's blue prints should be consulted.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

4044

TOPOGRAPHIC TITLE SHEET

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. (#2) 4044

State . . . Louisiana

General locality . . . Mississippi River Delta

Locality . . . ~~Lower~~ Southwest Pass Area

Chief of party . . . G.C. Mattison

Photographed by

~~Surveyed by~~ . . . Naval Air Service

Date of survey . . . April and May 1922

Scale . . . 1/20,000

Heights in feet above

Contour interval feet.

Inked by . V.A. Powell . . . Lettered by . J.C. MacNab

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet

Remarks:

The negatives of the aerial photographs are already on file in the archives. The photographs, pantographic reductions and notes will be forwarded at the completion of the work.