DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. E. Patton, Director

State: Louisiana

DESCRIPTIVE REPORT
Topographic Sheet No. A 6108
Hydrographic

LOCALITY
Terrebonne Bay, La.
Long. 00° 41.5' to Recacon Point
Gulf of Mexico
Xales Dernieres

1934

CHIEF OF PARTY
Thos. E. Reed
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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. 6708

State... Louisiana

General locality... Gulf of Mexico

Locality... Isles Dernieres

Scale: 1:20,000 Date of survey... June and July, 1934

Vessel... Field Party No. 4

Chief of party... Thos. B. Reed

Surveyed by... T. F. Squires

Inked by... W. E. Reed

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

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

Instructions dated... October 27, 1933

Remarks: Shore line in ink; surveyed after hurricane of June 16, 1934.

Survey made in conjunction with air-photo survey of entire area.
DESCRIPTIVE REPORT

to accompany

Topographic Sheet "A", Long. 90° 41'5" to Raccoon Point.
Terrobonne Bay, Louisiana. Field Party No. 4.
Thos. E. Reed, Chief of Party.

DATE OF INSTRUCTIONS: October 27, 1933.
DATE OF SURVEY: June and July, 1934.

SURVEY METHODS:
This plane table survey was made in conjunction with a
photo-topographic survey of the entire Terrobonne 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 employ-
ed except that distances in traverse were measured along the beach with a
100 meter wire.

A traverse was run from topographic station RIM (estab-
lished by W. D. Patterson, 1934) to station PELMO with a closing error of
4 meters in distance which was adjusted. A traverse was then run from
station PELMO to Whiskey Pass and a fix obtained by resection on stations
WHISKEY and BOGUE. This traverse closed exactly. The island west of
Whiskey Pass was located by a three point fix at signal NEW using stations
PELMO, WHISKEY and BOGUE. Signal TES was located by a three point fix on
the above three triangulation stations and this point transferred to the
bottom section of the sheet for starting a traverse to the westward. A
traverse was then run from signal TES to station GHA with a closing error
of 2 meters. The traverse between stations RYE and COON POINT closed
exactly.

This topographic survey had been completed previous to
the severe hurricane of June 16 but after the hurricane so many changes
were found in the shore line that the entire shore line was rerun. The
shore line obtained before the hurricane has been left in pencil on the
sheet and that obtained after June 16 is shown in ink.

CONTROL:
Triangulation control for this sheet consisted of the
following stations: TRINITY, 1928; PELMO, 1928; WHISKEY, 1928; BOGUE,
1928; GHA, 1934; RYE, 1934; and COON POINT, 1928; N. A. datum (1927)

GENERAL DESCRIPTION OF COAST:
The coast line of this region is characterized by a fringe
of low sand and marshy islands and very shallow water. The shore line is
very unstable and shifts with every bad storm. The coast line is grad-
ually receding. There are no landmarks of any importance on this sheet.
COMPARISON WITH PHOTO-TOPO SHEETS:

The shore line obtained after the hurricane of June 16 differed materially with the shore line as obtained from the photographs and the shore line from this sheet was transferred to the air photo sheets.

Respectfully submitted,

[Signature]

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