Form 504
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

State: Florida

DESCRIPTIVE REPORT.
Topog.  Hydrol.  Sheet No.  4068

LOCALITY:

East Coast

Fernandina

to

St. Johns River

1934

CHIEF OF PARTY:

F.S. Borden
DESCRIPTIVE REPORT
TO ACCOMPANY
TOPOGRAPHIC SHEET C
FLORIDA EAST COAST
NORTH OF ST. JOHNS RIVER
STEELER BACH
F. S. BORDEN, CCLDG.
AUGUST
1924
DESCRIPTION REPORT

to accompany

TOPOGRAPHIC SHEET C

INSTRUCTIONS.

The work on this sheet was done under instructions dated
April 1, 1924.

THIS SHEET

This sheet comprises a revision of the shore line from the
St. Johns River northward for a distance of approximately 19 miles.
It includes a revision survey of Fort George River and Nassau Sound,
the work being carried back to a point where the topography has not
changed since the old survey. An insert of approximately 4 miles of
shore line on Amelia Island, north of OCEAN was placed in the upper
right hand corner of the sheet to make proper spacing of sheets to
the northward.

SUPPLY METHODS.

The entire survey was done by the usual plane table method.
In general, plane table traverses were run along the outside coast
and three point fixes used on inside waters. Distance on most of the
traverses was carried with a 100 meter wire. Traverses in all cases
closed within the allowable limits.

One triangulation station A POINT was established. A POINT
was cut in by triangulation methods. A sufficient number of old
triangulation stations were recovered to give, with A POINT a good
control for this survey.

CHANGES.

Considerable change was found in the shore line on this sheet
especially around the mouth of Nassau Sound and Fort George River.
A large island has formed in the mouth of Nassau Sound and the obb
tide current in sweeping around south of this island is cutting away
the north end of Little Talbot Island. The peninsula, north of the
mouth of Fort George River has built south a considerable distance.
No prominent objects on shore of assistance to the mariner,
other than shown on existing charts, were noted in this survey.

Respectfully Submitted,

Thos. B. Reed, Jr. M.E. & C.E.
Department of Commerce
U.S. Coast and Geodetic Survey
Washington October 24, 1925.

Section of Field Records
Report on Topographic Sheet No. 4068
Fernandina to St. Johns River, Florida
Surveyed in 1924
Instructions dated May 8, 1924

Chief of Party, F. S. Borden.

Surveyed and inked by T. B. Reed.

1. The records, as well as the plan and character of the survey, conform to the requirements of the General Instructions.

2. The plan and extent of the survey satisfy the specific instructions.

3. The junctions with the adjoining surveys are satisfactory.

4. Attention is called to the entrance of Fort George River which has moved southward 2 miles since the previous survey that was made in 1871.

5. No additional surveying is required.

6. The character and scope of the surveying are excellent and the field drafting is good.

7. Reviewed by E. P. Ellis, October, 1925.
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
Field Sheet C 4068
Register No. 4068

State . Florida
General locality East Coast
Locality . Fernandina to St Johns River
Chief of party . F. S. Jordan.
Surveyed by . Thos. B. Rood
Date of survey . August 1924
Scale . 1 : 20,000
Heights in feet above
Contour interval . . . feet.
Inked by Thos. B. Rood . Lettered by Thos. B. Rood

Records accompanying sheet (check those forwarded): Photograph,
Descriptive report, Horizontal angle books, Field computations,
Data from other sources affecting sheet

Remarks:

Recovery notes. Description of triangulation
station and triangulation data were
forwarded with sheet 10.