

6195a

U. S. COAST & GEODETIC SURVEY
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6195a

Form 504 Ed. June, 1928	
DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY R. S. Patton, Director	
State: GEORGIA	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. N 6195a
LOCALITY	
Vicinity of Sapelo Sound Northern Part of Bay Sound,	
Georgia:	
Atwood Creek and Hudson River	
Project No. HT-167	
19 34	
CHIEF OF PARTY	
John A. Bond, H. & G., Engr.	

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

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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. N

REGISTER NO. **61952**

State Georgia

General locality Vicinity of Sapelo Sound
~~Northern Part, Deboy Sound~~

Locality Atwood Creek and Hudson River

Scale 1/10000 Date of survey March, 1934., 19

Vessel Lch. Mikawe

Chief of party J. A. Bond

Surveyed by D. M. Watt

Inked by J. G. Patterson

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated Dec. 5, 1933., 19

Remarks: Sheet turned over to Party #23 for completion.

DESCRIPTIVE REPORT

To Accompany Topographic Sheet No. N

Northern Part Doboy Sound, Georgia

PROJECT NO. HT-167

INSTRUCTIONS

This work was executed in accordance with the Director's Instructions dated Dec. 5, 1934, to the Commanding Officer, Launch MIKAWE.

PURPOSE

This sheet was executed for the purpose of locating signals for hydrographic control, aids to navigation not previously located by triangulation and to furnish supplemental data for the reduction of air photos. Shoreline for use on boat-sheets was sketched in the field.

SCOPE

This sheet includes Doboy Sound north of Folly River, Hudson River, Atwood Creek and part of Connegan River. It joins Sheet M. on the south and Sheet H., of the GILBERT'S work, on the east.

CONTROL

Existing triangulation was used for control.

METHOD OF SURVEY

Due to numerous clumps of trees it was necessary to run traverses up the creeks and rivers. One cut from a triangulation station was taken to practically all signals. All traverses closed within allowable limit.

DESCRIPTION

The shore line is all marshy with numerous small clumps of trees over the terrain.

RECOVERABLE TOPOGRAPHIC STATIONS

Marked topographic stations located on the sheets are listed in accompanying table and separate descriptions for each furnished on Form 524.

Respectfully submitted:

D. M. Watt
D. M. Watt
Surveyor, C. & G. S.

Approved & Forwarded:

John A. Bond
John A. Bond
H. & G. Engineer
Chief of Party

RECOVERABLE TOPOGRAPHIC STATIONS

SHEET N.

Name	Latitude o ' Meters	Longitude o ' Meters	Description
Fla.	31 26 1435	81 20 844	B. M. #1 Hudson River Tide Station.
Amy	31 25 1494	81 20 57	4x4 cypress post.
Hop	31 26 1723	81 20 870	4x4 cypress post.

Review of T-6195(a)

This plane table survey has been reviewed in connection with the review of air photo compilation T-5220 and no errors noted, except that there are some differences in the location of the short stretches of rodged shoreline, probably due to differences of interpretation of the photographs and sketching between rod readings. See review of T-5220 for detailed discussion.

B.G. Jones

Douglas H. Benson

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Form 504
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic

~~Hydrographic~~

Sheet No. Z1

6195b

State Georgia

LOCALITY

Vicinity of Sapelb Island

Connegan River to North River

1934

CHIEF OF PARTY

C. A. Egner

U. S. GOVERNMENT PRINTING OFFICE: 1934

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DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

REG. NO.

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. Z!

REGISTER NO. 6195b

State Georgia

Vicinity of Sapelo Island

General locality McIntosh County

Connegan River to North River

Locality Deboy Rd., Folly, Deed and Connegan Rivers

Scale 1/10,000 Date of survey November, 19 34

Vessel Party No. 23

Chief of party C. A. Egner

Surveyed by H. P. Theus

Inked by J. G. Patterson

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated December 4, 19 33

Remarks: This sheet for topographic and hydrographic control only

DESCRIPTIVE REPORT
TO ACCOMPANY TOPOGRAPHIC
SHEET Z'

Project: F.P. No. 4
Party: No. 23
Year: 1934
State: Georgia
General locality: McIntosh County
Locality: Doby Sound, Folly, Dead and Connegan
Rivers
Adjoins sheets: H, N
Sheet on reverse side: N
Scale: 1/10:000
Datum: N.A. 1927
Chief of Party: C. A. Egner
Topographer: H. P. Theus
Date of Instructions: Dec. 4, 1933
Inked by: J. G. Patterson

DESCRIPTIVE REPORT
TO ACCOMPANY
TOPOGRAPHIC SHEET Z'

INSTRUMENTS
USED:

The usual plane-table equipment.

METHODS:

All stations were located by the intersections of two cuts taken from triangulation stations. Since the stations were all placed on line this acted as a third cut. Shoreline was obtained by the stadia method.

PURPOSE:

To provide control for hydrography, to establish recoverable stations for future surveys, to tie down aerial photography for charting the locality, and to revise existing surveys.

MARKING OF
STATIONS:

Recoverable stations were marked with 4"x4" cypress post extending four feet above ground.

LANDMARKS:

There are none worthy of the name in the locality of this sheet.

RECOVERABLE
STATIONS:

See paragraph "Marking of Stations".

GEOGRAPHIC
NAMES:

The present charted names are still in use.

MAGNETIC MERIDIAN:

Taken at triangulation station AIKENS₂ Nov. 20, 1934.

METHOD OF TRANSFER
OF SIGNALS TO
HYDROGRAPHIC SHEET:

Recoverable stations by d.m. and d.p's.

Non-recoverable stations by tracings.

VERTICAL CONTROL:

None.

CHANGES SINCE
PREVIOUS SURVEYS:

Numerous changes in the courses of these rivers
as compared to those of previous surveys can be noticed.

Respectfully submitted,

H. P. Theus

H. P. Theus

Approved and forwarded;

C. A. Egner
C. A. Egner, Chief of Party

LIST OF RECOVERABLE TOPOGRAPHIC SIGNALS, SHEET Z'

Name	0	'	Latitude meters	0	'	Longitude meters
Rag	31	25	1558 290	81	21	273 1312
Dead			68 1780			1236 349
Folly			121 1727	81	20	--- 781
Junk	31	24	821 1027			--- 151
Tel			524 1324	81	22	932 653

Review of T-6195(b)

This plane table survey has been examined in connection with the review of compilation T-5220. The projection was found to be in error and the correct projection shown in green on the plane table sheet. See ~~a~~ review of T-5220 for detailed description. The green line should be used for meridian $81^{\circ}21'$ in scaling or plotting portions.

D. H. Benson
B. G. Jones