a&b 6669
6670
6671 Additional work

COAST & GEODETIC SURVEY
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Additional work

Diag'd. on Diag. Ch. No. 1264

Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
L. O. Colbert, *Director*

State: Florida

DESCRIPTIVE REPORT

Topographic / ~~*Hydrographic*~~ } *Sheet No.* T-6669 a,b
T-6670 a,b
~~T-6671 a,b~~

LOCALITY

Choctawhatchee Bay

Eastern Part.

1939

CHIEF OF PARTY

George L. Anderson

U. S. GOVERNMENT PRINTING OFFICE: 1933

6669 a&b
6670 a&b
6671 Additional work

applied to drawing of dwg 1115 July 31, 1940

" " " " 1264 Aug 30 "

869 and ½
870 and ½
871 and ½ " " " " 870 July 11, 1946

mfr ✓ WABS 4/16/47

Form 537a

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

T6670a Additional work
Graphic Control

Each Topographic and Graphic Control Sheet, and each Air Photographic Drawing should be accompanied by this form, completed so far as practicable, when forwarded to the Washington office.

REGISTRY No. T - 6670 a

Field No. _____

Scale 1-10,000

State Florida General locality Choctawhatchee Bay

Specific locality Eastern End

Dates: Survey began 14 Feb. 1946 Completed 15 Feb. 1946

Photography 18 May 1945, Supplemented by ground surveys to 15 Feb. 1946

Project No. Ph-1 (45) Instructions dated 7Dec45; Sup. 1, 28Dec45; Sup. 2, 5Jan46; Sup. 3, 31Jan46.

Vessel / Party or Shore Party Chief of party E. L. Jones

Field work by B. Locke Office work by B. Locke

Final inking by I. I. Saperstein

Ground elevations / Treetop elevations in feet above M. H. W. or _____

Contours / Approximate contours / Form lines by Planetable / Multiplex / _____ Interval _____ ft.

REMARKS

U. S. GOVERNMENT PRINTING OFFICE 16—38129-1

DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET REGISTRY NO. 6670 a

PROJECT: Ph-1 (45) DATE OF INSTRUCTIONS: 7 Dec.45;Sup.1, 28 Dec.45;Sup.2,5 Jan.46;Sup.3,31 Jan.46

DATE OF FIELD WORK: 14 Feb. 1946 - 15 Feb. 1946.

PURPOSE: To locate on the sheet existing aids to navigation and make major topographic revisions where necessary in the original shore line and topographic detail.

FIELD WORK: The field work consisting of additions and corrections to the original survey have been shown on the sheet in orange ink to distinguish them from the original work. Only these corrections and additions are discussed in this report.

AIDS TO NAVIGATION: All aids to navigation on this sheet were located by at least three planetable cuts.

MAJOR TOPOGRAPHIC CHANGES: There are no major topographic changes on this sheet of significance on 1:40,000 scale Intracoastal Waterway charts.

LANDMARKS, GEOGRAPHIC NAMES, COAST PILOT CORRECTIONS, RECOVERY OF HORIZONTAL CONTROL, MAJOR TOPOGRAPHIC CHANGES, HYDROGRAPHIC INFORMATION, FIELD INSPECTION OF PHOTOGRAPHS, and DISCREPANCIES IN PUBLISHED BRIDGE DATA have been made the subject of a special report and is submitted by areas for this project. The area of this sheet is covered in Special Report, Project Ph-1 (45) West Bay - Pensacola Bay Entrance.

DISCREPANCIES IN PUBLISHED DESCRIPTIONS OF AIDS TO NAVIGATION have been reported by letter to the Director in accordance with instructions. Copies of these discrepancies have been attached to the Special Report.

Submitted by

Boynton Locke, Jr.
Boynton Locke, Jr.
Topo. Engr.

Approved and forwarded

Edmund L. Jones
Edmund L. Jones,
Chief of Party

Form 537a

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

T6671 a, b Additional work

Each Topographic and Graphic Control Sheet, and each Air Photographic Drawing should be accompanied by this form, completed so far as practicable, when forwarded to the Washington office.

REGISTRY No. T - 6671 a&b

Field No. _____

Scale 1-10,000

State Florida General locality Choctawhatchee Bay

Specific locality Eastern End

Dates: Survey began 8 Feb. 1946 Completed 13 Feb. 1946

Photography 18 May 1945, Supplemented by ground surveys to 13 Feb. 1946

Project No. Ph-1 (45) Instructions dated 7Dec45; Sup. 1, 28Dec45; Sup. 2, 5Jan46; Sup. 3, 31Jan46.

Vessel / Party or Shore Party Chief of party E. L. Jones

Field work by B. Locke Office work by B. Locke

Final inking by I. I. Saperstein

Ground elevations / Treetop elevations in feet above M. H. W. / or _____

Contours / Approximate contours / Form lines by Planetable / Multiplex / _____ Interval _____ ft.

REMARKS _____

U. S. GOVERNMENT PRINTING OFFICE 16—38129-1

DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET REGISTRY NO. 6671a and 6671b.

PROJECT: Ph-1 (45) DATE OF INSTRUCTIONS: 7 Dec.45;Supl, 28 Dec.45;Sup.2,5 Jan.46;Sup.3,31 Jan.46.

DATE OF FIELD WORK: 8 Feb 1946---13 Feb. 1946

PURPOSE: To locate on the sheet existing aids to navigation and make major topographic revisions where necessary in the original shore line and topographic detail.

FIELD WORK: The field work consisting of additions and corrections to the original survey have been shown on the sheet in orange ink to distinguish them from the original work. Only these corrections and additions are discussed in this report.

AIDS TO NAVIGATION: All aids to navigation are located by at least three planetable cuts taken from established triangulation and topographic stations.

MAJOR TOPOGRAPHIC CHANGES: There is one topographic change not covered by photographs. This change is a small boat passage in the north end of the fill for Choctawatchee Bay Bridge. The ends of the bridge over this passage were cut in by planetable and taped measurements were made to locate the channel in reference to the rail ends. The clearances and position are shown on sheet 6671b. Field inspection of shore line was made on photographs No. 45 c 2979, 2977,2976,2974, 2973,2971,2700,2711 and 2712 which only partially cover the area.

✓ Ch 870 Wash. 4/14/47

LANDMARKS, GEOGRAPHIC NAMES, COAST PILOT CORRECTIONS, RECOVERY OF HORIZONTAL CONTROL, MAJOR TOPOGRAPHIC CHANGES, HYDROGRAPHIC INFORMATION, FIELD INSPECTION OF PHOTOGRAPHS, and DISCREPANCIES IN PUBLISHED BRIDGE DATA have been made the subject of a special report and is submitted by areas for this project. The area of this sheet is covered in Special Report, Project Ph-1 (45) West Bay - ~~Fort Walton Area~~ - Pensacola Bay Entrance.

DISCREPANCIES IN PUBLISHED DESCRIPTIONS OF AIDS TO NAVIGATION have been reported by letter to the Director in accordance with instructions. Copies of these discrepancies have been attached to the Special Report.

Submitted by

Boynton Locke, Jr.
Boynton Locke, Jr.
Topo, Engr.

Approved and forwarded

Edmund L. Jones,
Chief of Party

Form 537a
Ed. Nov. 1929

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. A & B

T6669a
T6669b

REGISTER NO. T- 6669 a, b

State Florida

General locality Choctawhatchee Bay

Locality North Shore

Scale 1:10,000 Date of survey June, July, 1939

Vessel Shore Party No. 1

Chief of party George L. Anderson

Surveyed by George L. Anderson

Inked by George L. Anderson

Heights in feet above M.H.W. to ground ~~to tops of trees~~

Contour, Approximate contour, Form line interval feet

Instructions dated April 13, 1939

Remarks:

Form 537a
Ed. Nov. 1929

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.

T6670 b
T6670 a

Field No. C & D

REGISTER NO. T-6670 a, b

State Florida

General locality Choctawhatchee Bay

Locality Central Part

Scale 1:10,000 Date of survey July, 1939

Vessel Shore Party No. 1

Chief of party George L. Anderson

Surveyed by George L. Anderson

Inked by George L. Anderson

Heights in feet above M.H.W. to ground ~~to tops of trees~~

Contour, Approximate contour, Form line interval feet

Instructions dated April 13, 1939

Remarks:

Form 537a
Ed. Nov. 1929

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.

T6672a
T6672b

Field No. E & F

REGISTER NO. T-6671 a, b

State Florida

General locality Choctawhatchee Bay

Locality Southeastern End

Scale 1:10,000 Date of survey July, August, 1939

Vessel Shore Party No. 1

Chief of party George L. Anderson

Surveyed by George L. Anderson

Inked by George L. Anderson

Heights in feet above M.H.W. to ground ~~to tops of trees~~

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

Instructions dated April 13, 1939

Remarks:

DESCRIPTIVE REPORT
to accompany
Graphic Control Sheets No.
T-6669 a-b
T-6670 a-b } 1939
T-6671 a-b

INSTRUCTIONS

This survey was made in accordance with instructions for Project No. H-T 234, dated April 13, 1939.

LOCALITY AND LIMITS

Surveys on these sheets cover the eastern end of Choctawhatchee Bay extending from approximate Longitude 86° 19' at Hammock Point on the north and Four Mile Point on the south to the eastern end of the Bay. The Topographic Survey of the Intracoastal Waterway between Choctawhatchee Bay and West Bay will be treated in a separate report.

PURPOSE

A topographic survey of this area on a scale of 1:20,000 was made by air photographic mapping in 1935. Projections on a scale of 1:10,000 for ~~on~~ this survey were prepared and the shore line transferred in pencil at the Washington Office. This survey is for the purpose of locating hydrographic signals and the delineation of any shore line changes evident.

CONTROL

Triangulation established in 1934 and 1935, adjusted to the N.A. 1927 datum, was used for control of the surveys in this area. To supplement the triangulation, marked topographic stations were established at intervals of about one mile along the shore line. These stations were located by theodolite cuts from triangulation stations and by graphic control on the sheets.

SURVEY METHODS

As this survey was made on a scale of 1:10,000, the shore line on the north and south sides of the bay are on different sheets. Therefore the usual graphic planetable methods was supplemented by traverses and theodolite cuts.

The positions of STATE, BASIN and ALL were computed from theodolite cuts and plotted on the sheets. MID, PINEY, TALL, GROVE, BRIDGE, FILL and LA GRANGE BAYOU LIGHT NO. 1 and many of the small signals west of the bridge were located by theodolite cuts and plotted graphically on the sheets using a steel protractor. The hydrographic smooth sheets which include both shores of the bay were used to assist in graphic plotting. The stations located in this way were verified by graphic planetable methods in the field.

All signals in Hogtown Bayou and east of the Choctawhatchee Bay Bridge were located by graphic planetable methods.

SHORE LINE

The shore line between Hammock Point T-6669a and Basin Bayou was rodded in while running a traverse on this sheet. The shore line at other places was relocated when changes were evident.

On the sheets the shore line that has been verified has been inked. The remainder has been left in pencil. The shore line as inked at the Hydrographic signals was inspected at the time of building the signals and during the progress of the graphic control.

Pencilled revisions inked in green

MAGNETIC OBSERVATIONS

See separate report on Magnetic Observations.

GEOGRAPHIC NAMES

See separate report on Geographic Names.

SHEET NO. T-6669 a

This sheet covers the shore line on the north side of Choctawhatchee Bay between Hammock Point and Alaqua Point, including Basin Bayou.

STATE and BASIN were located by theodolite cuts and the geographic positions computed and plotted on the sheet. (See supplemental signal location data attached.) A planetable traverse using stadia was run from BASIN

to BLUNT 3, 1935 and continued to FIG. The signals between BASIN and ALAQUA 3, 1934 were located by planetable cuts taken while running the traverse west of BASIN. Theodolite cuts were taken from LIVE, 1935 (across the bay) to most of the signals on the sheet. A steel protractor was used to plot the cuts. The signals located in the traverses were adjusted to fit the theodolite cuts. The signals in Basin Bayou were located by planetable. A traverse was run from BASIN (orienting on LIVE, 1935) to FLIT.

The shore line from FIG at the western limit of the sheet to MY, near Basin Bayou was relocated while traversing . The shore line in the entrance to Basin Bayou was also relocated as far in as YET and BUD. The shore line in the vicinity of FLIT and HEN was relocated by stadia. The shore line, as inked at other signals in Basin Bayou, was determined by inspection of the relation of the signals to the high water line.

The dock at Basin Bayou which is used by an oil company, has been rebuilt and now extends out farther than shown on Sheet T-5527. The Gas Tank is the southeasterly one and the most prominent from seaward of the gasoline storage tanks forming the tank farm at the inshore end of the dock.

Three small piling, projecting about 3 feet are shown off the entrance to Basin Bayou.

SHEET NO. T-6669 b

This sheet covers the shore line on the north side of Choctawhatchee Bay between Alaqua Point and Motes Point, including Alaqua Bayou.

Signals MID, TALL and PINEY were located by theodolite cuts and plotted on the sheet using a steel protractor. These signals were then verified by graphic control in the field.

BROWN was located by a distance and direction from GOODWIN, 1935. The remainder of the signals on this sheet were located by graphic control, supplemented by theodolite cuts taken from LIVE, 1935 and ALL across the bay.

The shore line on this sheet was relocated by stadia between JAG and SOD on Alaqua Point, and between BROWN and POLE in Alaqua Bayou. Some changes in the shore line is noted in these areas. The grassy island in the inlet to Alaqua Bayou was also located by stadia. The shore line, as inked at other signals on this sheet, was determined by inspection of the relation of the high water line to the signals. LOT is a stovepipe on a barge aground in the eastern part of Alaqua Bayou.

Of the three shoal areas shown on Sheet No. T-5527 on the east side of Alaqua Point, a grassy islet is now near the easterly one. The two westerly areas were not visible to the topographer and have been erased from the sheet. The piling on the west side of Alaqua Bayou, which are shown on Sheet No. T-5527, are there. They were relocated by the hydrographic party on Sheet No. H-6449.

Shoal areas, disproved on H-6449 (1939).

SHEET NO. T-6670 a

This sheet covers the shore line of the northeastern part of Choctawhatchee Bay from Motes Point to La Grange Point, including La Grange Bayou.

Supplementing triangulation stations MOTES, 1935 and LA GRANGE 2,1939, are LIGHT 1 and LAG which were located by theodolite cuts and plotted on the sheet using a steel protractor, and LAGRA which was located by a distance and direction from LA GRANGE 2,1939. All other signals in ~~La Grange Bayou~~ the Bay including the aids to navigation were located by planetable graphic control, supplemented by theodolite cuts from LIGHT 1 and from stations across the bay. The signals in La Grange Bayou, including the aids to navigation, were located by graphic control, those in Mallet Bayou by planetable traverse.

The shore line in the entrance to La Grange Bayou, to the northwest and southeast of LIGHT NO. 7, was relocated to show changes caused by dumping while dredging in the channel. The shore line on the west side of La Grange Point was relocated to show changes caused by a dredge pumping material for the bay bridge fill. The shore line at the western edge of the sheet was verified while traversing to signals around Motes Point. The shore line, as inked at other signals on this sheet, was determined by inspection of the relation of the high water line to the signals.

The old dock on the west side of the entrance to La Grange Bayou has fallen away and only piling remain. There is a detached portion of a dock, which was used as a fishing pier and is now abandoned, east of the south end of the old dock. A row of old piling extends from near LIGHT NO.7 east-northeast to the point. BENT, in La Grange Bayou is a small pile bent off-shore from the small dock. The piling north of the point in the entrance to La Grange Bayou are there; they were not relocated at this time.

SHEET NO. T-6670 b

This sheet covers the shore line around Hogtown Bayou on the south side of Choctawhatchee Bay.

The signals on this sheet were located by graphic planetable methods, except HIT near Santa Rosa, BE in Buck Bayou and those between BY and LAST on Four Mile Point, which were located by traverse. MILE was located by a distance and direction from FOUR MILE POINT 2 R M ,1934.

The shore line at the following places on this sheet was re-surveyed to determine the extent of changes which were noted while locating signals:

Around Four Mile Point, the high water line has receded a maximum of 25 meters.

Between HEW and HOGTOWN, 1935 a slight recession has occured.

From HOGTOWN, 1935 to Santa Rosa, the relocated shore line is, up to 30 meters, to the south. Changes were found at the entrances to Musset Bayou

and Churchill Bayou.

East of Live Oak Point the shore line has receded a maximum of 40 meters.

There are two small grassy islets southwest of FIN in the central part of the sheet. Sheet No. T-5526 shows much larger islets in this locality.

The shore line was also re-surveyed between ROD and MIC and in the vicinity of TOWN, FIN and ROD.

The shore line as inked at other signals on this sheet was determined by inspection of the relation of the high water line to the signals.

SHEET NO. T-6671 a

This sheet covers the shore line along the south shore of Choctaw-hatchee Bay from Alligator Point southeastward to the Bay Bridge.

The control on this sheet consists of three triangulation stations, and the following topographic stations: ALL, GROVE, BRIDGE and FILL, which were located by theodolite cuts and plotted on the sheet using a steel protractor. The position of ALL was also computed. PAT and LAGRA were located by distances and directions from PATCH, 1935 and LA GRANGE 2, 1939. The intermediate signals on this sheet were located by graphic planetable methods and theodolite cuts, which were plotted with a steel protractor.

The shore line on this sheet was relocated from DID to ROC near the western limit of the sheet. On Alligator Point the shore line has receded approximately 45 meters since 1934 when Sheet No. T-5526 was surveyed.

ROC is located on a firm grassy island. The shore line as inked at other signals on this sheet was determined by inspection of the relation of the high water line to the signals. Recession in the shore line is noted between Alligator Point and GROVE, at Longitude 86° 12'. Other differences noted to eastward, see Rev., par. 2e.

SHEET NO. T-6671 b

This sheet covers the eastern end of Choctawhatchee Bay from the Bay Bridge to the head of the bay. The Choctawhatchee Bay Intracoastal Waterway Aids to Navigation are located on this sheet.

The control used on this sheet consists of triangulation stations CRIGLAR 1872, LA GRANGE 2, 1939, POINT WASHINGTON LIGHT 1934, and WESLEY 1935. The positions of FILL and BRIDGE, located on the bridge fill, were determined by theodolite cuts and plotted on the sheet using a steel protractor. FOB, SOT and PIN in Tucker Bayou were located by rod readings from COX . SOT and PIN are on piling in the water. All other signals on the sheet, including the aids to navigation, were located by graphic plane-table methods from the control stations. SIG, in the eastern end of Bunkers Cove falls off the limit of the sheet; its position can be determined from the direction lines drawn on the sheet.

Shore line changes, which were noted while locating the signals, were re-surveyed and these areas have been inked on the sheet. The shore line, as inked at the other signals, was determined by inspection of the relation of the signals to the high water line. The changes noted and surveyed are as follows:

CHOCTAWHATCHEE BAY

Two sandy islands, one located on each side of the Intracoastal Waterway near the entrance to the land cut, were made by dredge dumping.

Two grassy islets were located near the south shore of the bay near Longitude 86° 10'. The grass is standing in water at high tide on these islets.

The sandy island on the north side of Cypress River entrance, on which BOX is located, was re-surveyed. It is now above high water.

The piling at the mouth of Cypress River near Choctawhatchee River Light remain unchanged, they were not relocated. Two detached piling south of the light are located on the sheet.

JOLLY BAY

The shore line in the eastern end of Jolly Bay was re-surveyed with slight changes being noted in the vicinity of HOUSE.

Dumping while dredging the Jolly Bay entrance to Mitchell River has formed three sand islets near the center of Jolly Bay. This H-6450 channel was dredged to nine feet in July 1939 and during the August storm it was almost completely blocked. No further dredging had been done by September 15 when this party left the field.

There is a skiff dock which has skiffs for rent located on the west side of the ferry slip.

The piling in Jolly Bay have been relocated and all of those that now exist are inked on this sheet.

SIGN is a temporary advertising sign on stakes.

CONE is a yellow pyramidal beacon on a pile which was established by the State highway ferry to mark the point of the bar making out from the entrance to Mitchell River.

CHOCTAWHATCHEE BAY BRIDGE

A bridge is under construction across Choctawhatchee Bay from ~~La Grange~~ Wheeler Point to station CRIGLAR, along the western edge of this sheet. The center line of the bridge coincides with the Line CRIGLAR, 1872-LA GRANGE 1872. The marks at these stations had been moved when this party arrived. These stations are now replaced by CRIGLAR 2, 1939, CRIGLAR U.S.E., LA GRANGE 2, 1939 and LA GRANGE U.S.E. The bridge fill as inked on the sheet shows the status of the work on July 27, 1939. The proposed limits of the fill, as indicated on the sheet, were obtained from Mr. E.R. Glass, engineer in charge of surveys on the project. The width of the fill was determined by the average width and what the final width will be after completion. No attempt was made to show irregularities along the edges.

Pile bents will carry the roadway from the ends of the fills across the bay. There will be a draw bridge for the Intracoastal Waterway passage. At the close of the season, September 15, 1939, piling were being driven for the bridge in the vicinity of the Intracoastal Waterway crossing and a dredge was working in the area south of BRIDGE.

COMPARISON WITH EXISTING SURVEYS

Air photographic surveys of this area were made in 1935. The shore line from those surveys was transferred to the graphic control sheets before going in the field. Changes noted while locating hydrographic control were surveyed and inked on the sheets. The remaining shore line was left in pencil.

The principal changes are caused by dredge dumping along the Intracoastal Waterway and at the Jolly Bay entrance to Mitchell River. A detailed description of other minor changes surveyed is given under the detailed description of each sheet in this report.

LANDMARKS FOR CHARTS

A copy of the list of landmarks for charts is attached to this report. In addition to the La Grange Bayou and the Choctawhatchee Bay Intracoastal Waterway Aids to Navigation, the following objects are included: GAS TANK, Basin Bayou; SCHOOL and HOTEL, Santa Rosa; BEACON, Jolly Bay.

Respectfully submitted,

George L. Anderson

George L. Anderson,
Lieut. C & G Survey,
Chief of Party.

PLANE-TABLE POSITIONS
to accompany
Topographic Sheets
Nos. T-6669a-b

Shore Party No. 1 — Season 1939

Scale 1/10,000

Object and description	Lat. ° '	D.M. meters	Long. ° '	D.P. meters	Height Feet	Remarks
⊙Basin, Topo. Disk	30 29	267′	86 15	22′	2	Marked topo.station
Gas Tank, Gasoline storage at Basin Bayou.	30 29	400′	86 15	295′	20	Center of tank.
Glo, General Land Office mark.	30 28	865′	86 17	921′	2	Marked G.L.O.station.
⊙State, Topo. disk	30 28	1511′	86 16	1120′	4	Marked topo.station.
⊙Mid, Topo. disk	30 28	1072′	86 15	222′	1	Marked Topo.station.
⊙Piney, Topo. disk	30 28	1662′	86 14	547′	2	Marked Topo.station.
⊙Tall, Dead live oak tree.	30 27	1601′	86 13	1315′	20	Hydro.signal in tree.

PLANE-TABLE POSITIONS
to accompany
Topographic Sheets
Nos. T-6670a-b

Shore Party No. 1 — Season 1939

Scale 1/10,000

Object and description	Lat.	D.M. meters	Long.	D.P. meters	Height Feet	Remarks
Beacon 3 ,LaGrange Bayou	30° 26′	1674′	86° 10′	988′	10	
Beacon 5 ,LaGrange Bayou	30 27	166′	86 10	435′	10	
Beacon 10,LaGrange Bayou	30 27	1008′	86 09	464′	10	
Beacon 14,LaGrange Bayou	30 27	1810′	86 08	1289′	10	
⊙Buck, Topo. disk	30 24	1367′	86 18	341′	5	Marked Topo.station.
⊙Choc, Topo. disk	30 25	845′	86 15	1300′	2	Marked Topo. station.
Choctaw, U.S.E. Mark	30 26	48′	86 09	771′	0	Mass of concrete with iron pipe in center.
East, east gable of C.Q. Casey's house.	30 27	634′	86 10	437′	15	East gable, top.
Earl, U.S.E. Mark	30 27	1294′	86 09	168′	1	Mass of concrete with iron pipe in center.
~~Fawn Mitre Point Right~~						
⊙Hew, Topo. disk	30 23	1782′	86 16	1347′	3	Marked Topo. station
Hotel (⊙Hot) at Santa Rosa.	30 23	1559′	86 13	1574′	40	Apex of west gable.
⊙Lag, Topo. disk	30 27	284′	86 09	1149′	4	Marked Topo. station.
Light 1,LaGrange Bayou	30 26	1268′	86 11	44′	32	Light List No. 8058
Light 7,LaGrange Bayou	30 27	485′	86 09	1517′	32	Light List No. 8401
Light 8,LaGrange Bayou	30 27	588′	86 09	685′	25	Light List No. 8402
Light 12,LaGrange Bayou	30 27	1447′	86 09	234′	25	Light List No. 8403
Light 16,LaGrange Bayou	30 28	337′	86 08	711′	25	Light List No. 8404
Light 18,LaGrange Bayou	30 28	715′	86 08	422′	25	Light List No. 8405
⊙Rosa, Topo. disk	30 23	1526′	86 14	618′	1	Marked Topo. station.
Tim, (⊙Tim) dwelling at Santa Rosa.	30 23	816′	86 14	26′	30	Apex of west gable.
⊙Town, Topo. disk	30 24	930′	86 15	1553′	1	Marked Topo. station.
School, (⊙Yel) large yellow school bldg. Santa Rosa.	30 23	1229′	86 13	1412′	50	Apex of west gable.

PLANE-TABLE POSITIONS
to accompany
Topographic Sheets
Nos. T-6670a-b
(continued)

Object and description	Lat.	D.M. meters	Long.	D.P. meters	Height Feet	Remarks
⊙ You, Topo. disk	30° 28′	383	86° 08′	299	1	Marked Topo. station.

PLANE-TABLE POSITIONS
to accompany
Topographic Sheets
Nos. T-6671a-b

Shore Party No. 1 — Season 1939

Scale 1/10,000

Object and description	Lat.	D.M. meters	Long.	D.P. meters	Height Feet	Remarks
⊙All, Topo. disk	30 25	390′	86 13	1007′	1	Marked Topo. station
Beacon 3, Choctawhatchee Bay.	30 22	1701′	86 07	634′	12	
Beacon 5, Choc. Bay	30 23	12′	86 07	1007′	12	
Beacon 7, Choc. Bay	30 23	187′	86 07	1420′	12	
Beacon 9, Choc. Bay	30 23	348′	86 08	193′	12	
Beacon 11, Choc. Bay	30 23	542′	86 08	655′	12	
Beacon 13, Choc. Bay	30 23	708′	86 08	1054′	12	
⊙Bells, Topo. disk	30 23	1248′	86 07	438′	2	Marked Topo. station.
⊙Bunk, Topo. disk	30 23	910′	86 06	916′	1	Marked Topo. station.
⊙Grove, Topo. disk	30 23	1622′	86 12	147′	3	Marked Topo. station.
⊙Indian, Topo. disk	30 24	1241′	86 07	881′	1	Marked Topo. station.
⊙Jolly, Topo. disk	30 25	1189′	86 07	454′	1	Marked Topo. station.
Light 1, Choc. Bay	30 22	1580′	86 07	347′	25	Light List No. 8055.
Light 15, Choc. Bay	30 23	880′	86 08	1458′	26	Light List No. 8056.
⊙ Mitch, Topo. disk	30 25	754′	86 08	437′	1	Marked Topo. station.
⊙ Red, Topo. disk	30 22	1461′	86 09	374′	0	Marked Topo. station.
⊙Rem, Topo. disk	30 25	1313′	86 08	452′	1	Marked Topo. station.
⊙Tuck, Topo. disk	30 22	1346′	86 07	159′	2	Marked Topo. station.
⊙Yen, Topo. disk	30 22	1250′	86 08	175′	1	Marked Topo. station.
Cone, Yellow pyramidal beacon on pile.	30 25	607′	86 08	963′	5	Jolly Bay.

	Remarks	Decisions
1	T6669a	File No. 304 863
2	T6669a,b	304 862
3	T6669a	304 862
4	Feature not on this survey. omit name	305 862
5	T6669a,b	304 862
6	T6669b	304 862
7	T6669b	304 861
8	USGB decision. T6669a,b	309 864
9	T6669b	304 861
10		
11		
12		
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27		

M 234

GEOGRAPHIC NAMES

Survey No. 6669a,b

Name on Survey	A, On Chart No. 1264	B, On previous survey No.	C, On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K	
Hammock Point	✓									1
Live Oak Point	✓									2
Basin Bayou	✓									3
Basin Creek	✓									4
Alaqua Point	✓									5
Alaqua Bayou	✓									6
Alaqua Creek	✓									7
Choctawhatchee Bay	✓									8
Motes Point	✓									9
										10
										11
										12
										13
										14
										15
										16
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										25
										26
										27

Names underlined in red approved by GHE on 2/17/40

M 234 R

	Remarks		Decisions
1		T6670a	File No. 304 861 USGB
2		T6670a	304 861
3			
4		T6670a	304 861
5		T6670a	304 861
6		T6670b	304 863
7		T6670a	304 861
8		T6670a	304 861
9		T6670a	304 861
10		T6670a	304 861
11		T6670b	304 863
12		T6670b	304 863
13	USGB decision	T6670b	303 862
14	USGB decision	T6670 b	303862
15		T6670b	303 862
16		T6670 b	304 862
17		T6670 b	304 862
18		T6670 b	303 862
19	USGB decision	T6670 a, b	303 864
20		T6670 b	304 862
21			
22			
23			
24			
25			
26			
27			

M 234

GEOGRAPHIC NAMES

Survey No. 6670a,b

Name on Survey	A, On Chart No. 1264	B, On previous survey No.	C, On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K	
Wheeler Point	La Grange pt			✓						1
Motes Point	✓									2
La Grange Point	see Wheeler Pt above									3
Mallet Bayou	✓									4
La Grange Bayou	✓									5
Fourmile Point	✓	✓								6
Lafayette Creek	✓									7
Fourmile Creek	✓									8
Ramsey Bayou				✓						9
Bear Creek				✓						10
Buck Bayou	✓									11
Mack Bayou	✓									12
Hewett Bayou	✓									13
Mussett Mussett~~X~~ Bayou	✓									14
Churchill Bayou	✓									15
Live Oak Point	✓									16
Hogtown HogtownBayou	✓									17
Santa Rosa	✓									18
Choctawhatchee Bay	✓									19
Cedar Lake		✓		✓						20
										21
										22
										23
										24
										25
Name underlined in red approved for this survey										26
by GHE 2/17/40										27

M 234 VR

GEOGRAPHIC NAMES

Survey No. 6671a,b

Name on Survey	A, On Chart No. 1264	B, On previous survey No.	C, On U. S. quadrangle Maps	D, From local information	E, On local Maps	F, P. O. Guide or Map	G, Rand McNally Atlas	H, U. S. Light List	K	
Alligator Point	✓									1
see Wheeler Pt. below La Grange Point										2
Jolly Bay	✓									3
Nancy Cutoff	✓									4
Williams Lake				✓						5
Straight Mouth				✓						6
Bells Leg	✓									7
South Mouth	✓									8
Bunkers Cove	✓									9
Indian Indhan River	✓									10
Duck Lake	✓									11
Mitchells River	Mitchell R.									12
Cypress River	✓									13
Choctawhatchee River	✓									14
Tucker Bayou	✓									15
Point Washington	point & village ✓									16
Littles Bayou			Bowman		2 3/4 m. W. of Pt. Washington near 22'50" / 0 9'45"					17
Bowman Boman Bayou			Little		3 1/3 m. W. of Pt. Washington near 23' / 10'05"					18
McQuage Bayou				✓	1 1/2 m. W. of Pt. Washington near 22'35" / 08'30"					19
Wheeler Point	La Grange Pt			✓						20
Intracoastal Intercostal Waterway	✓									21
Choctawhatchee Bay	✓									22
										23
										24
										25
Names underlined in Red app'd for this survey										26
By GTE 2/17/40										27

M 234 VR

	Remarks.		Decisions
1		T 6671 a	File Nos. 304 862
2			
3		T6671 b	304 861
4		T6671 b	304 861
5		T6671 b	304 861
6		T6671 b	304 861
7		T6671 b	303 861
8		T6671 b	303 861
9		T6671 b	303 861
10		T6671 b	304 861
11		T6671 b	304 861
12		T6671 b	304 861
13	USGB decision	T6671 b	304 861
14	USGB decision	T6671 b	303 861
15		T6671 b	303 861
16		T6671 b	303 861
17	Referred to USGB 3/4/40 — Do not ink pending further information	Location ?	303 861 USGB
18		Location ?	303 861 "
19		spelling ?	303 861 "
20		T6671 a, b	304 861 "
21	USGB decision		
22	USGB decision	T6671 a, b	303 864
23			
24			
25			
26			
27			

M 234

Form 567
Rev. March 1935

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

TO BE CHARTED } STRIKE OUT ONE
~~TO BE DELETED~~ }

DeFuniak Springs, Florida. September 15, 1939

I recommend that the following objects which have (~~have not~~) been inspected from seaward to determine their value as landmarks, be charted on (~~delete from~~) the charts indicated.

The positions given have been checked after listing.

George L. Anderson,
Chief of Party.

GENERAL LOCALITY / NAME AND DESCRIPTION	POSITION						METHOD OF LOCATION & Sheet No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	LATITUDE			LONGITUDE								
	° '	D. M. METERS		° '	D. P. METERS	DATUM						
*GAS TANK, Gasoline storage, Basin Bayou.	30 29	400		86 15	295	N.A. 1927	Pl.Tbl. T-6669a	1939		✓		1264
*SCHOOL (⊙ Yel) west gable large yellow school building, Santa Rosa.	30 23	1229		86 13	1412	N.A. 1927	Theo. T-6670b	1939		✓		1264
HOTEL (⊙ HOT) west gable, hotel Santa Rosa.	30 23	1559		86 13	1574	N.A. 1927	Pl.Tbl. T-6670b	1939		✓		1264
BEACON (⊙ Cone) yellow pyramidal beacon, Jolly Bay.	30 25	607		86 08	963	N.A. 1927	Pl.Tbl. T-6671b	1939		✓		1264

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

U. S. GOVERNMENT PRINTING OFFICE

Form 567
Rev. March 1935

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

TO BE CHARTED } STRIKE OUT ONE
~~TO BE DELETED~~ }

DeFuniak Springs, Florida. September 15, 1939

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GENERAL LOCALITY / NAME AND DESCRIPTION	POSITION				DATUM	METHOD OF LOCATION & Sheet No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	LATITUDE		LONGITUDE								
	° ′	D. M. METERS	° ′	D. P. METERS							
FOUR MILE POINT LIGHT	30 25	1289	86 18	1260	N.A. 1927	Theo. T-6670b	1939		✓		1264
LA GRANGE BAYOU LIGHT 1	30 26	1268	86 11	44	N.A. 1927	Theo. T-6670a	1939		✓		1264
LA GRANGE BAYOU BEACON 3	30 26	1674	86 10	988	N.A. 1927	Pl.Tbl. T-6670a	1939		✓		1264
LA GRANGE BAYOU BEACON 5	30 27	166	86 10	435	N.A. 1927	Pl.Tbl. T-6670a	1939		✓		1264
LA GRANGE BAYOU LIGHT 7	30 27	486	86 09	1517	N.A. 1927	Pl.Tbl T-6670a	1939		✓		1264
LA GRANGE BAYOU LIGHT 9	30 27	588	86 09	686	N.A. 1927	Pl.Tbl. T-6670a	1939		✓		1264
LA GRANGE BAYOU BEACON 10	30 27	1008	86 09	464	N.A. 1927	Pl.Tbl. T-6670a	1939		✓		1264
LA GRANGE BAYOU LIGHT 12	30 27	1447	86 09	234	N.A. 1927	Pl.Tbl. T-6670a	1939		✓		1264
LA GRANGE BAYOU BEACON 14	30 27	1810	86 08	1289	N.A. 1927	Pl.Tbl. T-6670a	1939		✓		1264
LA GRANGE BAYOU LIGHT 16	30 28	337	86 08	711	N.A. 1927	Pl.Tbl. T-6670a	1939		✓		1264
LA GRANGE BAYOU LIGHT 18	30 28	715	86 08	422	N.A. 1927	Pl.Tbl. T-6670a	1939		✓		1264
CHOCTAWHATCHEE BAY LIGHT 1	30 22	1560	86 07	347	N.A. 1927	Pl.Tbl. T-6671b	1939		✓		1264
CHOCTAWHATCHEE BAY BEACON 3	30 22	1701	86 07	634	N.A. 1927	Pl.Tbl. T-6671b	1939		✓		1264

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." The data shoul
of the area and not by individual field survey sheets. Information under each column heading should be gi

U. S. GOVERNMENT PRINTING OFFICE

Form
Rev. Ma[illegible] 1935

DEPARTMENT OF COMMERCE
U. S. COAST AND GEO[illegible]TIC SURVEY

LANDMARKS FOR CHARTS

TO BE CHARTED / ~~TO BE DELETED~~ } STRIKE OUT ONE

DeFuniak Springs, Florida. September 15, 193[illegible]

I recommend that the following objects which have (*~~have not~~*) been inspected from seaward to determine their value as landmarks, be charted on (*~~deleted from~~*) the charts indicated.

The positions given have been checked after listing.

George L. Anderson,
Chief of Party.

GENERAL LOCALITY / NAME AND DESCRIPTION	POSITION					METHOD OF LOCATION & Sheet No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	LATITUDE		LONGITUDE		DATUM						
	° ′	D. M. METERS	° ′	D. P. METERS							
CHOCTAWHATCHEE BAY BEACON 5	30 23	12	86 07	1007	~~N.A.~~ 1927	~~Pl.Tbl.~~ T-6671b	1939		✓		1264
CHOCTAWHATCHEE BAY BEACON 7	30 23	187	86 07	1420	~~N.A.~~ 1927	~~Pl.Tbl.~~ T-6671b	1939		✓		1264
CHOCTAWHATCHEE BAY BEACON 9	30 23	548	86 08	193	~~N.A.~~ 1927	~~Pl.Tbl.~~ T-6671b	1939		✓		1264
CHOCTAWHATCHEE BAY BEACON 11	30 23	542	86 08	655	~~N.A.~~ 1927	~~Pl.Tbl.~~ T-6671b	1939		✓		1264
CHOCTAWHATCHEE BAY BEACON 13	30 23	708	86 08	1054	~~N.A.~~ 1927	~~Pl.Tbl.~~ T-6671b	1939		✓		1264
CHOCTAWHATCHEE BAY LIGHT 15	30 23	880	86 08	1456	~~N.A.~~ 1927	~~Pl.Tbl.~~ T-6671b	1939		✓		1264
CHOCTAWHATCHEE RIVER LIGHT	30 24	526.6	86 07	896.4	~~N.A.~~ 1927	~~Trian.~~ T-6671b	1934		✓		1264

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

U. S. GOVERNMENT PRINTING OFFICE

FORM M-238

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
PHOTOSTAT OF

~~xxNo. Hxx~~

No. T 6669a,b
6670a,b
6671a,b

received
registered
verified
reviewed
approved

This is forwarded in order that your attention may be directed to the matters as indicated below. Please initial in column 3 as an acknowledgement that your attention has been thus directed. The complete original records are available if desired. If you cannot give this your immediate attention, please initial, note, and forward to the next section marked, calling for the records at your convenience.

ROUTE		Initial	Attention called to
20			
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RETURN TO

82	T.B.Reed

✓ JBC

DIVISION OF CHARTS

Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 6669a&b, 6670a&b, 6671a&b
FIELD NO. A,B,C,D,E & F.

Florida, Choctawhatchee Bay, North Shore, Central Part and Southeastern End.
Surveyed in June, July and August 1939, Scale 1:10,000
Instructions dated April 13, 1939 (G. L. ANDERSON)
Revision Survey

Plane Table Survey — Aluminum Mounted

Chief of Party - George L. Anderson.
Surveyed by - G. L. Anderson.
Inked by - G. L. Anderson.
Reviewed by - Harold W. Murray, May 16, 1940.
Inspected by H. R. Edmonston.

1. Purpose.

The purpose of this survey was to establish signal control for hydrographic parties, locate fixed aids to navigation, determine magnetic meridians and resurvey the shoreline in areas where changes or differences were evident subsequent to the previous 1934 air photographic surveys: T-5525, T-5526 and T-5527.

2. Shoreline Differences.

The more important shoreline differences (see descriptive report, page 2) noted with the previous air photographic surveys are as follows:

a. T-6669a (1939) and T-5527 (1934).

Changes in shoreline are noted near the mouth of Basin Bayou. Near the inlet to Basin Bayou, several piling and a gas tank are shown. The dock shown here on the older survey has been rebuilt and is about one-third larger.

b. T-6669b (1939) and T-5527 (1934).

Important changes noted on this sheet are a group of small islands near the mouth of Alaqua Bayou and a change in shoreline in lat. 30°29.5', long. 86° 11.7'. The piling shown on T-5527 in Alaqua Bayou was relocated on H-6449 (1939).

c. T-6670a (1939) and T-5527 (1934).

Shoreline changes consist of several spits (dredge dumps) protruding into the water area near the entrance to La Grange Bayou. Several piles formerly shown here have been relocated. The dock shown on T-5527 near Bear Creek is in ruins. An additional dock formerly used as a fishing pier but now abandoned is shown just eastward. A detached pile bent (Signal (BENT) was also located in La Grange Bayou.

d. T-6670b (1939) and T-5526 (1934).

Along the south shoreline, differences as large as 30 m. are noted at Fourmile Point, from signals HEW to HOGTOWN, Mussett Bayou to Churchill Bayou and in the vicinity of Santa Rosa. On the north, differences up to 40 m. are noted at Live Oak Point and eastward. Changes in the delineation of the islands in latitude 30°25', long. 86°16' are also noted.

e. T-6671a (1939) and T-5526 (1934).

Shoreline changes of as much as 65 m. are noted between Alligator Point and signal DOT (long. 86° 11.1'). The bridge fill at the eastern limit is a new improvement.

Portions of the revised shoreline between surveyed portions inked in black in which changes as large as 40 m. were noted, was shown in pencil by the topographer to differentiate between actual surveyed shoreline and estimated shoreline. This revised pencilled shoreline was transferred and inked on the hydrographic sheet by the field party and was, therefore, inked in green on the topographic sheet in the office. A similar treatment was made on T-6671b (1939).

f. T-6671b and T-5525 (1934), T-5526 (1934) and T-5527 (1934).

Along the south shore, changes are noted between signals SAX and GAB, LOG and HUR, POD and YEN, and ANT and DIP. Several islands are also shown along this shoreline.

Along the east shore, changes are noted at the entrance to the Intracoastal Waterway (dredged project) between signals QUO and BUT including an island just southwestward, at signal BUNK in Bunker Cove,

two islands at the mouth of Cypress River, and at signal MAG near Indian River. In Joly Bay, changes are noted at signals HOUSE, CAR and MITCH. Revisions and additions are also noted in island, dock and piling details.

The bridge fills at the western limit of the sheet are new improvements under construction at the time of the survey. The present outline is the proposed limits and does not show irregularities existing along the edges (see descriptive report, page 8).

The inked changes noted on the present survey should supersede T-5525, T-5526 and T-5527 of 1934.

3. Comparison with Chart 1264 (New Print dated May 5, 1939).

a. Topography.

Topography shown on the chart originates with surveys discussed in previous paragraphs of this review except a small area at the entrance to the Intracoastal Waterway which originates with blue print 31685 of 1938. This charted position is superseded by T-6671b (1939).

b. Magnetic Meridians.

The magnetic meridian was determined at several points along the shoreline. The values obtained agree within 2 degrees with the charted value.

c. Aids to Navigation.

Aids to navigation will be considered in the reviews of the contemporary hydrographic sheets.

Examined and approved:

Thos B Reed
T. B. Reed,
Chief, Section of Field Records.

F. B. Borden
Chief, Division of Charts.

Raymond R. Lyman
Chief, Section of Field Work.

H. Rude
Chief, Division of H. & T.