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6669

U. S. COAST & GEODETIC SURVEY
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Additional work

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Form 504 Ed. June, 1928	
DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY L. O. Colbart, 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	

applied to drawing of class 1115 July 31, 1940

869 2-1-4
870 2-1-4
871 2-1-4

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1264

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870 July 11, 1946

for
JRS

mfr v wabs 4/14/47

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

T6670a
Graphic Control
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 - 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 } or Shore Party Chief of party E. L. Jones
Party }

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

Final inking by I. I. Saperstein

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

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

REMARKS _____

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

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

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 } or Shore Party Chief of party E. L. Jones
Party }

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

Final inking by I. I. Saperstein

Ground elevations } in feet above { M. H. W.
Treetop elevations } or {

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

REMARKS _____

T6671 a Additional work

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
was
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
Edmund L. Jones,
Chief of Party

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

T6669 a

REGISTER NO. T- 6669 a, b

T6669 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:

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. C. & D.

REGISTER NO. T-6670 a, b

T6670 b
T6670 a

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:.....

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. E & F

T6672a
T6672b

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 $86^{\circ} 19'$ 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 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 ALAUQUA 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 ~~fm~~ 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 Alauqua Point and Motes Point, including Alauqua 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 stove-pipe 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, dis-
proved 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 NOTES, 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 ^{the Bay} ~~La Grange Bayou~~ 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 offshore 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 occurred.

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 Choctawhatchee 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 $86^{\circ} 12'$. 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 $86^{\circ} 10'$. 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 at mouth 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 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 ^{Wheeler} La Grange 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 ^a as inked on the sheet shows the status of the work on July 27, 1939. The proposed limits of the fill, as ~~in~~ 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 1935⁴. 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

Scale 1/10,000

Season 1939

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. :	Long. :	D.P. :	Height:	Remarks
	:	meters:		meters:	Feet :	
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.
Rosa, U.S.E. Mark						
○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. :	Long. :	D.P. :	Height:	Remarks
	:	:meters:		:meters:	Feet :	
○ 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

Scale 1/10,000

Season 1939

Object and description	: Lat. :	D.M. :	Long. :	D.P. :	Height:	Remarks
	:	meters:		meters:	Feet :	
⊙ 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	437 374	1	Marked Topo. station.
⊙ Red, Topo. disk	30 22	1461	86 09	34	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

	Remarks	File No.	Decisions
1	T6669a	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	308	864
9	T6669b	304	861
10			
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GEOGRAPHIC NAMES

Survey No. 6669a,b

GEOGRAPHIC NAMES		Survey No. 6669a,b									
Name on Survey	<div>On Chart No. 1264</div> <div>On previous survey No.</div> <div>On U. S. quadrangle Maps</div> <div>From local information</div> <div>On local Maps</div> <div>P. O. Guide or Map</div> <div>Rand McNally Atlas</div> <div>U. S. Light List</div>										
	A,	B,	C,	D	E	F	G	H	K		
<u>Hammock Point</u>	✓									1	
<u>Live Oak Point</u>	✓									2	
<u>Basin Bayou</u>	✓									3	
<u>Basin Creek</u>	✓									4	
<u>Alaqua Point</u>	✓									5	
<u>Alaqua Bayou</u>	✓									6	
<u>Alaqua Creek</u>	✓									7	
<u>Choctawhatchee Bay</u>	✓									8	
<u>Motes Point</u>	✓									9	
										10	
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Names undeclined in red approved by GHE on 2/17/40

M 234vR

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

Remarks

Decisions

	Remarks	Decisions
1	T6670 a	File No. 304 861 USGB
2	T6670 a	304 861
3		
4	T6670 a	304 861
5	T6670 a	304 861
6	T6670 b	304 863
7	T6670 a	304 861
8	T6670 a	304 861
9	T6670 a	304 861
10	T6670 a	304 861
11	T6670 b	304 863
12	T6670 b	304 863
13	USGB decision T6670 b	303 862
14	USGB decision T6670 b	303 862
15	T6670 b	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		
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M 234		

Survey No. 6670a,b

Survey No. 6670a,b

[illegible]

GEOGRAPHIC NAMES

Survey No. 6671a,b

Name on Survey	GEOGRAPHIC NAMES Survey No. 6671a,b										
	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.		
<u>Alligator Point</u>	✓									1	
see Wheeler Pt. below										2	
La Grange Point										3	
<u>Jolly Bay</u>	✓									4	
<u>Nancy Cutoff</u>	✓									5	
<u>Williams Lake</u>				✓						6	
<u>Straight Mouth</u>				✓						7	
<u>Bells Leg</u>	✓									8	
<u>South Mouth</u>	✓									9	
<u>Bunkers Cove</u>	✓									10	
<u>Indian</u>	✓									11	
<u>Indian River</u>	✓									12	
<u>Duck Lake</u>	✓									13	
<u>Mitchells River</u>	Mitchell R.									14	
<u>Cypress River</u>	✓									15	
<u>Choctawhatchee River</u>	✓									16	
<u>Tucker Bayou</u>	✓									17	
<u>Point Washington</u>	point & village									18	
<u>Littles Bayou</u>			Bowman							19	
<u>Bowman</u>			Little							20	
<u>Boman Bayou</u>										21	
<u>McQuage Bayou</u>				✓						22	
<u>Wheeler Point</u>	LaGrange Pt			✓						23	
<u>Intracoastal</u>	✓									24	
<u>Intercostal Waterway</u>										25	
<u>Choctawhatchee Bay</u>	✓									26	
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Names underlined in Red
app'd for this survey

By GTC 2/17/40

Remarks.

Decisions

	Remarks.	Decisions
1	T 6671 a	File Nos. 304 862
2		
3	T 6671 b	304 861
4	T 6671 b	304 861
5	T 6671 b	304 861
6	T 6671 b	304 861
7	T 6671 b	303 861
8	T 6671 b	303 861
9	T 6671 b	303 861
10	T 6671 b	304 861
11	T 6671 b	304 861
12	T 6671 b	304 861
13	USGB decision T 6671 b	304 861
14	USGB decision T 6671 b	303 861
15	T 6671 b	303 861
16	T 6671 b	303 861
17	Referred to {	303 861 USGB
18	USGB { Do not { Location ?	303 861 "
19	3/4/40 { ink pend- { Location ?	303 861 "
	{ ing further { spelling ?	
20	T 6671 a, b	304 861 "
21	USGB decision	
22	USGB decision T 6671 a, b	303 864
23		
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DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

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

DeFuniak Springs, Florida. September 15, 1939

I recommend that the following objects which have (~~been~~ ^{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	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
		LATITUDE		LONGITUDE		DATUM							
		°	'	°	'								
							D. M. 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	495	86 09	1517	N.A. 1927	Pl.Tbl. T-6670a	1939		✓		1264	
	LA GRANGE BAYOU LIGHT 8	30 27	588	86 09	685	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	1580	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 should be checked for accuracy of the area and not by individual field survey sheets. Information under each column heading should be given.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

~~TO BE DELETED~~

STRIKE OUT ONE

LANDMARKS FOR CHARTS

DeFunak Springs, Florida.

September 15⁹ 193

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.

[illegible]

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.

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
PHOTOSTAT OF

~~No. H~~
~~xxxxxx~~
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
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RETURN TO

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✓ 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, located 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. $30^{\circ}29.5'$, long. $86^{\circ}11.7'$. 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 $30^{\circ}25'$, long. $86^{\circ}16'$ 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. $86^{\circ}11.1'$). 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 Intra-coastal Waterway which originates with blue print 31685 of 1938. This charted position is superseded by T-6671b (1939).

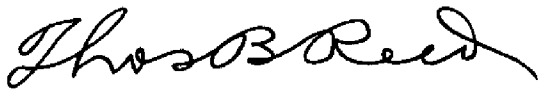
b. Magnetic Meridians.

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:



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



Chief, Division of Charts.



Chief, Section of Field Work.



Chief, Division of H. & T.