

7011 a&b

Graphic Control

Diag. Cht. No. 1263

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

SPECIAL REPORT

~~DESCRIPTIVE~~ ~~REPORT~~

Type of Survey Project Ph-1(45)

Field No. E & F Office No. T-7011 A & B

LOCALITY

State Florida

General locality Intracoastal Waterway

Locality Port St. Joe - West Bay

194 6

CHIEF OF PARTY

Edmund L. Jones

LIBRARY & ARCHIVES

DATE March 6, 1946

B-1870-1 (1)

7011 a&b

Graphic Control

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.

Synthetic Control

REGISTRY No. T-7011 a

Field No. " E "

Scale 1:20,000

State Fla. General locality Gulf & Bay Counties

Specific locality St. Joseph Bay

Dates: Survey began 4Jan46 Completed 28Jan46

Photography 18 May 45, Supplemented by ground surveys to 28 Jan 46

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

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

Field work by H.A. Duffy Office work by H.A. Duffy

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 _____

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.

Graphic Control

REGISTRY No. T-7011 b

Field No. " F "

Scale 1:20,000

State Fla. General locality Gulf & Bay Counties

Specific locality St. Andrews Bay, Hurricane Island Channel

Dates: Survey began 4Jan46 Completed 28Jan46

Photography 18 May 45, Supplemented by ground surveys to 28 Jan 46

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

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

Field work by H.A. Duffy Office work by H.A. Duffy

Final inking by I.I. Saperstein

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

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

REMARKS _____

SPECIAL REPORT
PORT ST. JOE - WEST BAY AREA, FLORIDA
10 Feb. 46

PROJECT: Ph-1(45)

DATE OF INSTRUCTIONS: 7Dec45; Sup. 1, 28Dec45; Sup. 2,
5Jan46; Sup. 3, 31Jan46.

DATE OF FIELD WORK: 26Dec45 to 8Feb46.

LIMITS: This report covers the Port St. Joe - West Bay Area the limits of which are indicated on the Index Map, page 2.

CONTENTS: The following contents have been made the subject of this report:

MAP INDEX	page 2
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LIST OF RECORDS & DATA SUBMITTED	page 3
RECOVERY OF HORIZONTAL CONTROL	page 4
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DISCREPANCIES IN PUBLISHED DESCRIPTIONS OF AID TO NAVIGATION.	page 5
LOCATION OF AID TO NAVIGATION.	page 5
DISCREPANCIES IN PUBLISHED BRIDGE DATA.	page 10
MAJOR TOPOGRAPHIC CHANGES and	
HYDROGRAPHIC INFORMATION.	page 12
LANDMARKS	page 22
GEOGRAPHIC NAMES.	page 28
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COAST PILOT CORRECTIONS	page 35
<i>To Charts 3-4-46</i>	

*Plonitape sheets and
reports forwarded to charts
3-4-46 D.L.B.*

Submitted by

Harold A. Duffy
Harold A. Duffy
Prin. Photo. Aid

Approved & forwarded:

Edmund L. Jones
Edmund L. Jones
Chief of Party

SPECIAL REPORT
Port St. Joe - West Bay Area
Florida.
Project Ph-1(45)

STATISTICS

Area covered by this report (Sq. Miles)	305
Miles along axis Intracoastal Waterway(Statute)	43
Non-permanent Aids to Navigation located.q. . . .	202
Discrepancies in descriptions of Aids to Navigation reported	39
Landmarks recommended for deletion.	8
Landmarks located (planetable).	9
Landmarks identified for photo-location	5
Triangulation recovery cards submitted.	5 ³ 5
Topographic recovery cards submitted.	23
Shoreline field inspected (Stat. miles)	118
Shoreline located by planetable (Stat. miles) . .	1
New geographic names submitted	22
Bridge discrepancies submitted	9

LIST OF RECORDS & DATA SUBMITTED:

The following list of original field records and
supplimentary mapping data covering the area of this
report have been submitted separately from this report:

Original Field Records:

Planetable sheets and Descriptive reports for Sheets
No. T-6279, T-6280, T-6281, T-6282, T-6283, T-6284,
T-6302, T-6303, T-6304, T-6305, T-6306, T-6674;
Field letter E, F.

Field observation record, Vol. 5.

⁵⁹
~~55~~ Triangulation recovery notes, Form 526.
23 Topographic recovery notes, Form 524.

Aerial photographs with field inspection notes:	
45c3007	45c3029 (2 copies)
45c3008 (2 copies)	45c3030 to 3043 incl.
45c3009	45c3044 (2 copies)
45c3010	45c3045 (2 copies)
45c3011 (2 copies)	45c3046 to 3062 incl.
45c3012 (2 copies)	45c3167 to 3203 incl.
45c3013 to 3028, incl.	

Supplementary material:

USE - Blue prints Tyndall Field 1944-45
 Official Map of City of Panama City, Fla., 1943.
 USGS - Long Point Quadrangle, 1944.
 USGS - Beacon Beach Quadrangle, 1943.
 USGS - South port Quadrangle, 1944.
 USGS - Laguna Beach Quadrangle, 1943.
 USGS - Crooked Island Quadrangle, 1943.
 USGS - Panama City Beach Quadrangle, 1943.
 USGS - Allanton Quadrangle, 1945.
 USGS - Port St. Joe Quadrangle, 1943.
 USGS - West Bay Quadrangle, 1944.
 USGS - Panama City Quadrangle, 1943.

Aerial photographs without field inspection notes:
 45c2999 to 3062 incl. less photos 45c3008, 3011,
 3012, 3029, 3044 and 3045.
 45c3167 to 3203 incl.

RECOVERY OF HORIZONTAL CONTROL:

In accordance with instructions recovery cards have been submitted for only the horizontal control visited during the course of field work on this project.

Triangulation stations recovered have been indicated on the map index on page 2 of this report.

There are submitted separately from this report 55-59 Triangulation recovery cards (Form 526) and 23 Topographic recovery cards (Form 524) for the area covered by this report.

*See L. 225 (1946)
filed in Nautical Charts*

SPECIAL REPORT
PORT ST. JOE - WEST BAY AREA
FLORIDA
Project Ph-1(45)

DISCREPANCIES IN PUBLISHED DESCRIPTIONS OF AIDS TO NAVIGATION:
Discrepancies in published descriptions of aids to navigation were investigated in the field and were submitted in letter form on 24Jan46 and 12Feb46. Copies of these discrepancies are included in this report. *L. 57 (1946)*

The instructions do not require the verification of published light characteristics or depths of water.

LOCATION OF AIDS TO NAVIGATION:

All floating aids to navigation in the area covered by this report were located by planetable methods except for East Bay buoy 16 on sheet T-6281 which was located by sextant fix with check angle the record of which is on page 3, Vol. 5, Field Observation Record book. *

Aids formerly located on the sheet were verified by at least two plane table cuts before using as control. All other fixed aids were located by three or more planetable cuts.

Five new landmarks recommended for charting have been identified on photographs indicated on Form 567, attached to this report. These landmarks are left to be located by photogrammetric methods in the Washington Office. An attempt was made to locate all landmarks by planetable methods except in some cases it was more practicable to identify them on the photographs where numerous detail points were identifiable.

*when these landmarks are located
please forward positions to Nautical Charts.*

*7BE 3/11/46 (red 7BE
L. 225 (1946)*

- * ST. ANDREW BAY ENTRANCE LIGHTED BELL BUOY 1A, which falls about 1.5 miles south of the southern limits of Sheet (field) " F ", was not located. Normally a sextant fix would have been submitted for this buoy, but due to very rough weather during field work on Sheet " F ", this buoy could not be reached with our small boats.

DISCREPANCIES IN DESCRIPTIONS
AIDS TO NAVIGATION
PORT ST. JOE to WEST BAY, FLA.
Project Ph-1(45)
24Jan46

2.57 (1946)

AID TO NAVIGATION LOCALITY	LIGHT LIST PAGE *	SHOWN ON CHART NO.	CHECKED IN FIELD	LAT. LONG. °	REMARKS
Wetappo R. Buoy 3	151	Not charted	I.I.S. 18Jan46	30 02 85 23.7	In existence, listed correctly, not charted
Wetappo R. Buoy 5	151	Not charted	I.I.S. 18Jan46		In existence, listed correctly, not charted
Wetappo R. Buoy 7	151	Not charted	I.I.S. 18Jan46		In existence, listed correctly, not charted.
Wetappo R. Buoy <i>79</i>	151	1263	I.I.S. 18Jan46		Listed, charted, non-existent
Wetappo R. Buoy 10	151	1263	I.I.S. 18Jan46		Listed, charted, non-existent
Wetappo R. Buoy 11	152	1263	I.I.S. 18Jan46		Listed, charted, non-existent
Wetappo R. Buoy 13	152	Not charted	I.I.S. 18Jan46	to	In existence, listed correctly, not charted
Wetappo R. Buoy 17	152	Not charted	I.I.S. 18Jan46		In existence, listed correctly, not charted
Wetappo R. Buoy 19	152	Not charted	I.I.S. 18Jan46		In existence, listed correctly, not charted
Wetappo R. Buoy 21	152	Not charted	I.I.S. 18Jan46		In existence, listed correctly, not charted
Wetappo R. Buoy 25	152	Not charted	I.I.S. 18Jan46		In existence, listed correctly, not charted
Wetappo R. Buoy 31	152	Not charted	I.I.S. 18Jan46		In existence, listed correctly, Not charted
Wetappo R. Buoy 35	152	Not listed	I.I.S. 18Jan46		In existence, listed correctly, not charted

- 2 -

AID TO NAVIGATION LOCALITY	LIGHT LIST PAGE *	SHOWN ON CHART NO.	CHECKED IN FIELD	LAT. LONG. ° ' "	REMARKS
Wetappo R. Buoy 39	152	Not charted	I.I.S. 18Jan46		In existence, listed correctly, not charted
Wetappo R. Buoy 41	152	Not charted	I.I.S. 18Jan46		In existence, listed correctly, not charted
Wetappo R. Buoy 44	152	Not charted	I.I.S. 18Jan46		In existence, listed correctly, not charted
Wetappo R. Buoy 44A	152	Not charted	I.I.S. 18Jan46		In existence, listed correctly, not charted
East Bay Buoy 2	Not listed	Not charted	B.L. 18Jan46	30 01.4 85 27.2	In existence abreast of E. Bay Lt. 2 same side, not listed, not charted.

L. 57 (1946)

*1945 Light List, Intra-Coastal Waterway

Copy Ck'd. by *ELG*

DISCREPANCIES IN DESCRIPTIONS
AIDS TO NAVIGATION
PORT ST. JOE TO WEST BAY, FLA.
Project Ph-1(45)
11Feb46

2.57(1946)

AID TO NAVIGATION LOCALITY	LIGHT LIST PAGE	SHOWN ON CHART NO.	CHECKED IN FIELD	LAT. LONG.	REMARKS
East Bay Buoy 28	Not listed	Not charted 1263	B.L. 24Jan46	30°03.8' 85°30.2'	In existence, not listed not charted
Shoal Bayou Channel Bn.'s 3, 5, 7, 9	206	Not charted 1263	B.L. 24Jan46	30°05.1' 85°35.3'	In existence, listed, not charted.
Sulphur Pt. Buoy 2	154	1263	T.M.T. 24Jan46		Non-existent, listed, charted.
Dyers Pt. Buoy (MUN)	Not listed	Not charted 1263	T.M.T. 24Jan46	30°10.5' 85°44.4'	In existence, not listed, not charted.
Section Base Channel Bn.3	206	Not charted 1263	T.M.T. 29Jan46	30°10.2' 85°44.9'	Non-existent, listed, not charted.
" Bn.7	206	Not charted 1263	T.M.T. 29Jan46		Non-existent, listed, not charted.
" Bn.9	206	Not charted 1263	T.M.T. 29Jan46	to	In existence, listed, not charted
" Bn.11	206	Not charted 1263	T.M.T. 29Jan46		In existence, listed, not charted
" Bn.13	206	Not charted 1263	T.M.T. 29Jan46	30°10.3' 85°45.4'	In existence, listed, not charted
Watson Bayou Bn. 2	154	1263	T.M.T. 28Jan46	30°08.2' 85°38.1'	Non-existent, listed, charted
Redfish Pt.Bn.	154	Not charted 1263	T.M.T. 28Jan46		Non-existent, listed, not charted.
Courtney Pt. Shoal Buoy 1	Not listed	1263	T.M.T. 28Jan46	30°08.8' 85°42.6'	In existence, not listed, charted.
Army mooring buoy (temporary)	Not listed	Not charted 1263	T.M.T. 30Jan46	30°08.0' 85°39.4'	In existence, not listed, not charted

AID TO NAVIGATION LOCALITY	LIGHT SHOWN ON LIST	CHART NO.	CHECKED IN FIELD	LAT. LONG.	REMARKS
Mooring buoy	Not listed	Not charted 1263	T.M.T. 28Jan46	30°10.2' 85°44.2'	In existence, not listed, not charted.
West Bay Buoys 7, 15, 25	155	Not charted 1263	F.M. 4Feb46	30°15.8' 85°48.0' to 30°16.5' 85°50.3'	In existence, listed, not charted.

L. 57 (1946)

* 1945 Light List, Intra-Coastal Waterway

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