7017.a

Graphic Control

7-7017a G.C.

Diag. Cht. No. 1267

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Graphic Control

Field No. Q Office No.

LOCALITY

State Mississippi

General locality Mississippi

Locality Pascagoula - Biloxi

Project Ph-1(45)

1946

CHIEF OF PARTY

E.L. Jones and Ross A. Gilmore

LIBRARY & ARCHIVES

DATE July 3, 1946

B-1870-1 (1)

7017.a

Graphic Control

Form 537a

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

T7017a

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. .....

Field No. Q

Scale 1:40,000

State Mississippi General locality Mississippi Sound

Specific locality Pascagoula - Biloxi

Dates: Survey began 25 March 46 Completed 5 April 46

Photography ....., Supplemented by ground surveys to 7Dec45; Sup. 1 28Dec45; Supp

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

Vessel / Party or Shore Chief of party [redacted] - Ross A. Gilmore

Field work by E.H. Taylor Office work by Frank J. Lesslie and E.H. Taylor

Final inking by Frank J. Lesslie

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

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

REMARKS .....

DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET FIELD LETTER "Q"

PROJECT: Ph-1(45) DATE OF INSTRUCTIONS: 7Dec45; Sup. 1 28Dec45
Sup. 2, 5Jan46; Sup. 3, 31Jan46

DATUM: N A 1927 DATE OF FIELD WORK: 25Mar46 -- 5Apr46

PURPOSE: To locate existing aids to navigation and make major topographic revisions of the shore line and adjacent detail.

METHODS: There are no permanent fixed aids to navigation (steel or masonry structures)on this sheet requiring 3rd order triangulation location

The positions of all fixed aids to navigation formerly located by triangulation were verified by planetable cuts before using as control on this sheet.

All existing non-permanent fixed aids to navigation were located on the sheet by three or more planetable cuts

All existing floating aids to navigation were located by three or more planetable cuts, except the following which were located by three point fixes with check angles:

Pascagoula River Buoys 2,4,5,6,7,8
Round Island North Spit 1
Round Island South Channel 4
Mooring Buoy -- lat. 30 15.2, long. 88 43.9

The following three floating aids to navigation in Dog Key Pass (lat. 30 14.7, long. 88 46.4) were located by one planetable cut with two or more sextant angles:

Inner Bar Buoy 1
Dog Key Pass Lighted Buoy 1
Can Buoy 1 (no name)

Observations are recorded in Volume 16 pages 1-7, inclusive

Field inspection of shoreline and adjacent detail was made on photographs 45-C-2885--~~2886~~. All data and notes are recorded directly on the photographs.

There were no planimetric maps available in this area. A visual check was made on Chart 1267 and U.S. Geological Survey, Pascagoula and Horn Island Quadrangle Maps.

Where shoreline was field inspected and shown on the photographs it has been made with an accuracy of .5 millimeter of true position.

HORIZONTAL CONTROL: Triangulation stations not needed in the course of the work on this project have not been plotted on the sheet in accordance with instructions.

The following recovery notes are submitted for only the stations recovered or searched for during field work:

Gautier,1935
Gautier Tank,1935
Horn 2,1935 (lost)
Shoe 2, 1935
Crab 2, 1935 (lost)
Graveline, 1935
Pascagoula, 1910 (lost)
Round Island South Spit, 1935
Round Island Lighthouse, 1910
Round Island Spit, 1935 (lost)
Pascagoula Municipal Standpipe, 1930
Pascagoula River Entrance Beacon C, 1935
Pascagoula River Entrance Beacon D, 1935
Pascagoula Channel Range B Front, 1935 (lost)
Pascagoula Channel Range B Rear, 1935 (lost)

VERTICAL CONTROL: Recovery of vertical control not required.

LANDMARKS:
A complete landmark inspection was made for that part of this sheet covering the 1:40,000 scale Intracoastal Waterway Charts.

The position of new landmarks recommended for charting and listed on form 567 are shown on the sheet.

Landmarks have been reported on form 567 by areas in accordance with instructions, and are submitted in Special Report, Project Ph-1(45) Biloxi, Miss. to Mobile Bay, Ala. Area. Chart letter 239 (1946)

GEOGRAPHIC NAMES:
No systematic investigation of geographic names was required. New names and discrepancies with existing charted names obtained during the course of the field work have been made the subject of a special report and submitted by areas. This sheet is covered in Special Report, Project Ph-1(45) Biloxi, Miss. to Mobile Bay, Ala. Area. Chart letter 239 (1946)

BRIDGES:
There were no discrepancies in the bridge data as published in the List of Bridges over Navigable Waters of the United States, edition of 1941, in the area covered by this sheet. See page 3, paragraph 3.

COAST PILOT: Coast Pilot additions and corrections were obtained during the course of the field work and are submitted in Special Report, Project Ph-1(45) Biloxi, Miss. to Mobile Bay, Ala. Area. Chart letter 239 (1946)

DISCREPANCIES: AIDS TO NAVIGATION; The discrepancies as listed on the sheet attached to the back of this report were noted in the field with the published description of aids to navigation in the Light List or on Nautical Charts in the area covered and were reported by letter to the Director in accordance with instructions. Chart letter 221 (1946)

TOPOGRAPHIC CHANGES: The following major topographic changes fall within the area covered by this sheet.

There were no planimetric sheets available in the area covered by this sheet. The three small islands between Ship Island and Horn Island are non-existent. Topographic station TOP is three (3) meters from the western tip of Horn Island. The end of the islamd is shaped similiar to that shown on U.S. Geological Survey Quadrangle Map, Horn Island, Mississippi.

BRIDGES (cont.) The Horizontal and Vertical clearance has been measured with a steel tape. The vertical clearance has been measured to the waters surface and the time of day and the date noted on the photographs. This value has not been reduced to mean high water, because the height of water is greatly affected by wind conditions. This reduction should be made after the observed tides at a standard tide station are available.

Respectfully submitted

E H Taylor
E H Taylor
Engr. Aid

Approved and forwarded;

Ross A Gilmore
Ross A Gilmore
Chief of Party

Chart letter 221 (1946)

DISCREPANCIES IN DESCRIPTIONS
AIDS TO NAVIGATION
BILOXI, MISS. to MOBILE BAY, ALA. AREA.
Project Ph-1 (45)
15 April 1946

AID TO NAVIGATION LOCALITY	LIGHT LIST PAGE	SHOWN ON CHART NO.	CHECKED IN FIELD	LAT. LONG. ° '	REMARKS
PASCAGOULA CHANNEL					
Pascagoula River Buoys 5,6,7,8.	787*	-	4Apr46 EHT	30-21.5 88-33.9	In existence, listed, not charted on chart 1267.
MISSISSIPPI SOUND					
Round Island South Channel Buoys 7,8,9,10	172	1267	1Apr46 EHT	30-16.4 88-37.8	In existence, listed, charted but not numbered on chart.
North Shore Horn Island Mooring Buoy	-	-	26Mar46 EHT	30-15.3 88-43.8	In existence, not listed, not charted on chart 1267.
DOG KEY PASS Buoy 1 (Can)	-	-	4Apr46 EHT	30-13.2 88-47.4	In existence, not listed, not charted on chart 1267.
Pascagoula River Lighted Buoys 2,4	502*	1267	4Apr46 EHT	30-21.1 88-33.9 to 30-21.3 88-33.8	In existence, charted no longer maintained Buoy 2 has light part broken off. Buoy 4 is not lighted.

* Light List - Atlantic and Gulf Coast.

Copy chkd by T.M.T.

7017-b

Graphic Control

T-7017b G.C.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Graphic Control

Field No. R. *Office No.*

LOCALITY

State Mississippi

General locality Mississippi Sound

Locality Biloxi

Project Ph-1(45)

194 6

CHIEF OF PARTY

E.L. Jones and Ross A. Gilmore

LIBRARY & ARCHIVES

DATE

8-1870-1 (1)

7017-b

Graphic Control

Form 537a

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

17017b

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. .....

Field No. R

Scale 1:10,000

State Mississippi General locality Mississippi Sound

Specific locality Biloxi

Dates: Survey began 20 February 46 Completed 1 April 46

Photography ....., Supplemented by ground surveys to 7Dec45; Sup 1 28Dec45; Sup. 2 5Jan46; Sup. 3, 31Jan46

Project No. Ph-1(45) Instructions dated .....

Vessel / Party or Shore Chief of party Edmund L. Jones - Ross A. Gilmore

Field work by H.G. Murphy Office work by Frank J. Leslie and H.G. Murphy

Final inking by Frank J. Lesslie

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 FIELD LETTER "R"

PROJECT: Ph-1(45) DATE OF INSTRUCTIONS: 7Dec45; Sup. 1 28Dec45
Sup. 2, 5Jan46; Sup. 3, 31Jan46

DATUM: N A 1927 DATE OF FIELD WORK: 20Feb46 - 1Apr46

PURPOSE: To locate existing aids to navigation. Note - Sheet "R" falls within the limits of the Planimetric Map - Vicinity of Biloxi, Miss. Subjects applicable to and discussed in that report are not repeated below.

METHODS: There are no permanent fixed aids to navigation (steel or masonry structures) on this sheet requiring 3rd order triangulation location.

The positions of all fixed aids to navigation formerly located by triangulation were verified by planetable cuts before using as control on this sheet.

All existing non-permanent fixed aids to navigation were located on the sheet by three or more planetable cuts except Biloxi Channel Beacon (no number), Lat. 30-23.4, Long. 88-52.8 which was located by a sextant fix and checked by 2 planetable cuts.

All existing floating aids to navigation were located on the sheet by three point sextant fixes with check angles, except the following, which ~~are~~ were located as indicated:

Located by three planetable cuts;

Buoy 49
Buoy 52
Buoy 55
Buoy 56

Located by sextant fix and a planetable cut as a check;
Buoy (spar) Lat. 30°-23'.2 Long. 88°-51'.4
Buoy (spar) Lat. 30°-23'.2 Long. 88°-51'.6

The observations for the above fixes are recorded in vol. 12, pages 5 - 33.

HORIZONTAL CONTROL: Triangulation stations not needed in the course of work on this project have not been plotted on the sheet in accordance with the Instructions.

Recovery cards are submitted for all stations shown on the sheet. Because of the large number recovered and others searched for they are not listed.

LANDMARKS: A complete landmark inspection was made for the area covered by this sheet.

The positions of new landmarks recommended for charting and listed on form 567 are shown on the sheet.

Landmarks have been reported on form 567 by areas in accordance with the instructions, and are submitted in Special Report, Project Ph-1(45), Biloxi, Miss. - Mobile Bay, Ala. Area. Chart letter 239 (1946)

DISCREPANCIES: AIDS TO NAVIGATION: The discrepancies, as listed on the sheet attached to the back of this report, were noted in the field with the published description of aids to navigation in the Light List or on Nautical Charts in the area covered by this sheet and were reported by letter to the Director in accordance with the instructions.
Chart letter 172 (1946)

Submitted by

H. G. Murphy
H. G. Murphy
Engineering Aid

Approved and forwarded WEA

Ross A. Gilmore
Ross A. Gilmore
Chief of Party

Chart letter 172 (1946)

DISCREPANCIES IN DESCRIPTIONS
AIDS TO NAVIGATION
NEW ORLEANS, LA. to BILOXI, MISSISSIPPI
Project Ph-1 (45)
25 March 1946

AID TO NAVIGATION LOCALITY	LIGHT LIST PAGE	SHOWN ON CHART NO.	CHECKED IN FIELD	LAT. LONG. ° '	REMARKS
BILOXI BAY Buoys S1,S2,S3, S4,S5,S6,S7,S8, S9,S10,S11,S13, S14,S15,S16,S17, S18.	-	1267	14Mar46 HGM	30-22.6 88-49.5 to 30-23.6 88-51.4	Non-existent, not listed, charted. These buoys are shown on Chart 1267 along the dredged channel from the Coast Guard Base ~~east~~ the SE tip of Biloxi to near the SE tip of Deer Island.
Biloxi Channel Light 52	504	-	11Mar46 HGM	-	Non-existent, listed not charted.
Buoy 49	-	-	11Mar46 HGM	-	In existence, not listed, not charted.
Buoys S50,S51, S52,S53,S54,S55.	-	1267	18Mar46 HGM	30-24.5 88-51.1 to 30-24.5 88-51.6	In existence, not listed, charted. These buoys are shown on chart 1267 along the dredged channel immediately north of the railroad bridge crossing Biloxi Bay to Ocean Springs.
Buoy S2	-	1267	18Mar46 HGM	30-24.7 88-52.2	In existence, not listed, charted.
Buoy S4	-	1267	18Mar46 HGM	30-24.9 88-52.8	
Buoy S6	-	1267	18Mar46 HGM	30-25.0 88-52.9	

Copy chkd by T.M.T.

NAUTICAL CHARTS BRANCH

SURVEY NO. T 7017a, b

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
12/17/46	1267	JTW	Before ~~After~~ Verification and Review Partially
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

DUPLICATE

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Graphic Control

Field No. "R" Office No.

LOCALITY

State Mississippi

General locality Mississippi Sound

Locality Biloxi

Project Ph-1(45)

1946

CHIEF OF PARTY

E.L. Jones and Ross A. Gilmore

LIBRARY & ARCHIVES

DATE

8-1870-1 (1)

Form 537a

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. .....

Field No. "R"

Scale 1:10,000

State Mississippi General locality Mississippi Sound

Specific locality Biloxi

Dates: Survey began 20 February 46 Completed 1 April 46

Photography ....., Supplemented by ground surveys to 7Dec45; Sup I 28Dec45; Sup. 2

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

Vessel / Party or Ph-1(45) Chief of party Edmund L. Jones and Ross A. Gilmore

Field work by H.G. Murphy Office work by Frank J. Leslie and H.G. Murphy

Final inking by Frank J. Leslie

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 FIELD LETTER "R"

PROJECT: Ph-1(45) DATE OF INSTRUCTIONS: 7Dec45; Sup. 1 28Dec45
Sup. 2, 5Jan46; Sup. 3, 31Jan46

DATUM: N A 1927 DATE OF FIELD WORK: 20Feb46 - 1Apr46

PURPOSE: To locate existing aids to navigation. Note - Sheet "R" falls within the limits of the Planimetric Map - Vicinity of Biloxi, Miss. Subjects applicable to and discussed in that report are not repeated below.

METHODS: There are no permanent fixed aids to navigation (steel or masonry structures) on this sheet requiring 3rd order triangulation location.

The positions of all fixed aids to navigation formerly located by triangulation were verified by planetable cuts before using as control on this sheet.

All existing non-permanent fixed aids to navigation were located on the sheet by three or more planetable cuts except Biloxi Channel Beacon (no number), Lat. 30-23.4, Long. 88-52.8 which was located by a sextant fix and checked by 2 planetable cuts.

All existing floating aids to navigation were located on the sheet by three point sextant fixes with check angles, except the following, which were located as indicated:

Located by three planetable cuts;

Buoy 49
Buoy 52
Buoy 55
Buoy 56

Located by sextant fix and a planetable cut as a check;
Buoy (spar) Lat. 30-23.2 Long. 88-51.4
Buoy (spar) Lat. 30-23.2 Long. 89-51.6

The observations for the above fixes are recorded in vol. 12, pages 5 - 33.

HORIZONTAL CONTROL: Triangulation stations not needed in the course of work on this project have not been plotted on the sheet in accordance with the Instructions.

Recovery cards are submitted for all stations shown on the sheet. Because of the large number recovered and others searched for they are not listed.

LANDMARKS: A complete landmark inspection was made for the area covered by this sheet.

The positions of new landmarks recommended for charting and listed on form 567 are shown on the sheet.

Landmarks have been reported on form 567 by areas in accordance with the instructions, and are submitted in Special Report, Project Ph-1(45), Biloxi, Miss. - Mobile Bay, Ala. Area.

DISCREPANCIES: AIDS TO NAVIGATION: The discrepancies, as listed on the sheet attached to the back of this report, were noted in the field with the published description of aids to navigation in the Light List or on Nautical Charts in the area covered by this sheet and were reported by letter to the Director in accordance with the instructions.

Submitted by

H. G. Murphy
Engineering Aid

Approved and forwarded

RAG

Ross A. Gilmore
Chief of Party

DISCREPANCIES IN DESCRIPTIONS
AIDS TO NAVIGATION
NEW ORLEANS, LA. to BILOXI, MISSISSIPPI
Project Ph-1 (45)
25 March 1946

AID TO NAVIGATION LOCALITY	LIGHT LIST PAGE	SHOWN ON CHART NO.	CHECKED IN FIELD	LAT. LONG. ° '	REMARKS
BILOXI BAY					
Biloxi Buoy 12	787	1267	11Mar46 HGM	30-23.4 88-53.9	Non-existent, listed, charted.
" " 14	787	1267	11Mar46 HGM	30-23.4 88-53.7	In existence, listed, charted, aid ~~but~~ not numbered.
" Beacon 18	787	1267	11Mar46 HGM	30-23.4 88-52.8	In existence, listed, charted, aid ~~but~~ not numbered.
" " 20	787	1267	11Mar46 HGM	30-23.4 88-52.6	"
" " 22	787	1267	11Mar46 HGM	30-23.4 88-52.4	"
" " 24	787	1267	11Mar46 HGM	30-23.4 88-52.1	Non-existent, listed, charted.
" " 26	787	1267	11Mar46 HGM	30-23.4 88-51.9	"
" " 28	787	1267	11Mar46 HGM	30-23.4 88-51.8	"
" " 30	787	1267	11Mar46 HGM	30-23.3 88-51.6	"
" " 32	787	1267	11Mar46 HGM	30-23.2 88-51.3	"
" " 38	787	1267	11Mar46 HGM	30-23.3 88-50.7	"
" " 40	787	1267	11Mar46 HGM	30-23.3 88-50.6	"
" " 34	787	1267	11Mar46 HGM	30-23.2 88-51.2	In existence, listed, charted, aid ~~but~~ not numbered.
" Buoy -	-	-	11Mar46 HGM		In existence, not listed, not charted, between lights 23 & 31 on S. side of Channel, aids not numbered.
" " -	-	-	"		
" " -	-	-	"		
" " -	-	-	11Mar46 HGM		In existence, not listed, not charted. 92 m. S. of Biloxi Channel Beacon #31. 2 ft. projects above water
Biloxi Beacon 46	787	1267	13Mar46 HGM	30-23.7 88-50.3	Non-existent, listed, charted.
" " 50	787	-	13Mar46 HGM	30-23.8 88-50.0	Non-existent, listed, not charted.

DISCREPANCIES IN DESCRIPTIONS
AIDS TO NAVIGATION
NEW ORLEANS, LA. to BILOXI, MISSISSIPPI
Project Ph-1 (45)
25 March 1946

AID TO NAVIGATION LOCALITY	LIGHT LIST PAGE	SHOWN ON CHART NO.	CHECKED IN FIELD	LAT. LONG. ° '	REMARKS
BILOXI BAY					
Biloxi Buoy 12	787	1267	11Mar46 HGM	30-23.4 88-53.9	Non-existent, listed, charted.
" " 14	787	1267	11Mar46 HGM	30-23.4 88-53.7	In existence, listed, charted, aid ~~xxx~~ not numbered.
" Beacon 18	787	1267	11Mar46 HGM	30-23.4 88-52.8	In existence, listed, charted, aid ~~xxx~~ not numbered.
" " 20	787	1267	11Mar46 HGM	30-23.4 88-52.6	"
" " 22	787	1267	11Mar46 HGM	30-23.4 88-52.4	"
" " 24	787	1267	11Mar46 HGM	30-23.4 88-52.1	Non-existent, listed, charted.
" " 26	787	1267	11Mar46 HGM	30-23.4 88-51.9	"
" " 28	787	1267	11Mar46 HGM	30-23.4 88-51.8	"
" " 30	787	1267	11Mar46 HGM	30-23.3 88-51.6	"
" " 32	787	1267	11Mar46 HGM	30-23.2 88-51.3	"
" " 38	787	1267	11Mar46 HGM	30-23.3 88-50.7	"
" " 40	787	1267	11Mar46 HGM	30-23.3 88-50.6	"
" " 34	787	1267	11Mar46 HGM	30-23.2 88-51.2	In existence, listed, charted, aid ~~xxxx~~ not numbered.
" Buoy -	-	-	11Mar46 HGM		In existence, not listed, not charted, between lights 23 & 31 on S. side of Channel, aids not numbered.
" " -	-	-	"		
" " -	-	-	"		
" " -	-	-	11Mar46 HGM		In existence, not listed, not charted. 92 m. S. of Biloxi Channel Beacon #31. 2 ft. projects above water
Biloxi Beacon 46	787	1267	13Mar46 HGM	30-23.7 88-50.3	Non-existent, listed, charted.
" " 50	787	-	13Mar46 HGM	30-23.8 88-50.0	Non-existent, listed, not charted.