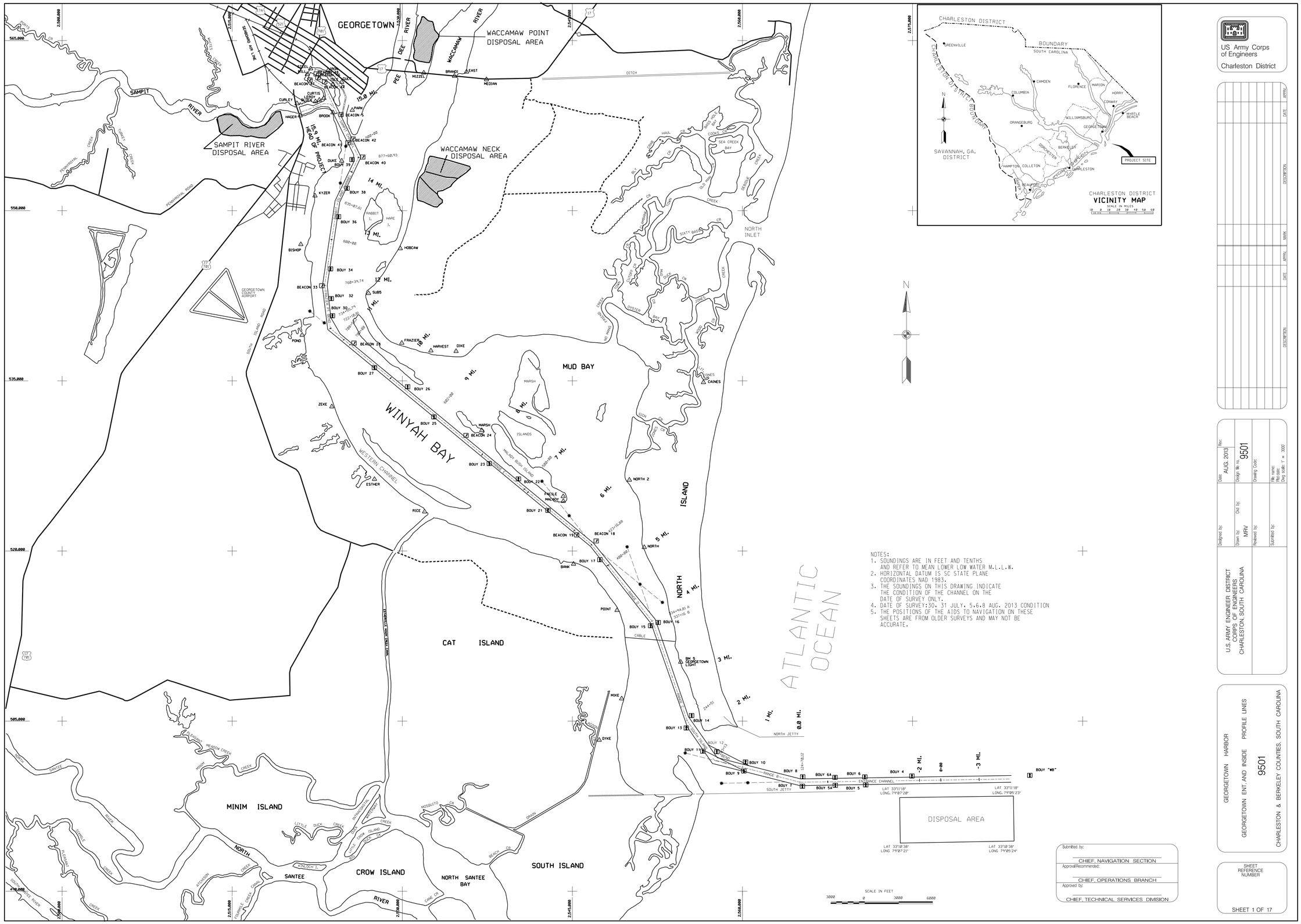


US Army Corps of Engineers
Charleston District

Rev.	Date	Description	Appvd.

Designed by:
Drawn by: MRV
Reviewed by:
Submitted by:
Date: AUG. 2013
Oct No:
Design file no: 9501
Drawing Code:
File name:
Plot date:
Dwg Scale: 1" = 3000'

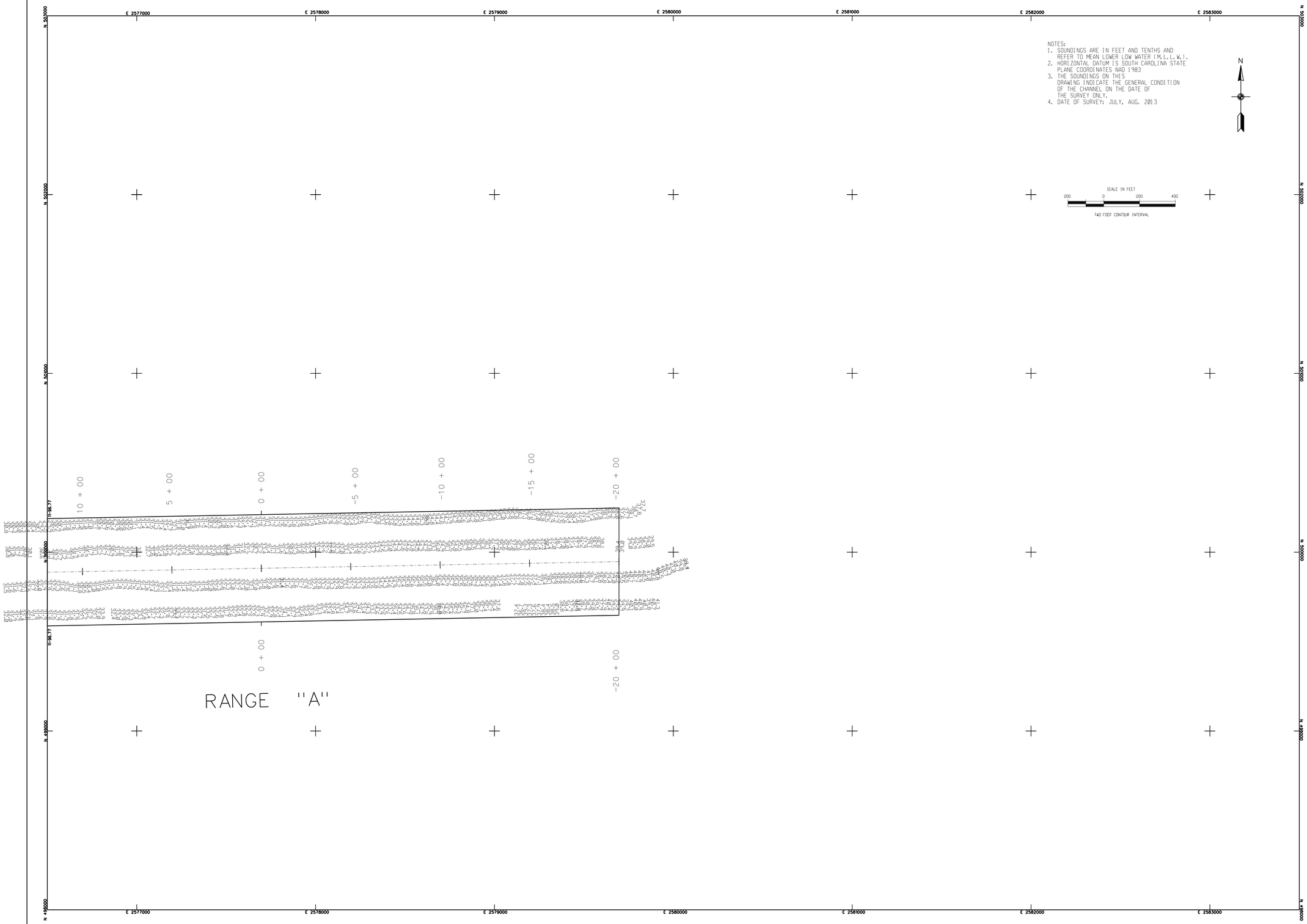
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

GEORGETOWN HARBOR
GEORGETOWN ENT. AND INSIDE PROFILE LINES
9501
CHARLESTON & BERKELEY COUNTIES, SOUTH CAROLINA

Submitted by:
CHIEF, NAVIGATION SECTION
Approval Recommended:
CHIEF, OPERATIONS BRANCH
Approved by:
CHIEF, TECHNICAL SERVICES DIVISION

SHEET REFERENCE NUMBER

SHEET 1 OF 17



NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.).
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983
3. THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF THE SURVEY ONLY.
4. DATE OF SURVEY: JULY, AUG. 2013

N

SCALE IN FEET
200 0 200 400
TWO FOOT CONTOUR INTERVAL

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.

MARK	DESCRIPTION	DATE	APPRV.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Designed by:
Drawn by: MRV
Ckd by:
Reviewed by:
Submitted by:
Date: AUG. 2013
Rev:
Design file no. 9501
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'

GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 0+00.00 to STA. 11+96.77
9501

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 2 OF 17

NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.).
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3 THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF THE SURVEY ONLY.
4. DATE OF SURVEY: JULY, AUG. 2013

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.

MARK	DESCRIPTION	DATE	APPRV.

Designed by:
Drawn by: MRV
Ckd by:
Reviewed by:
Submitted by:
Date: AUG. 2013
Rev:
Design file no. 9501
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'

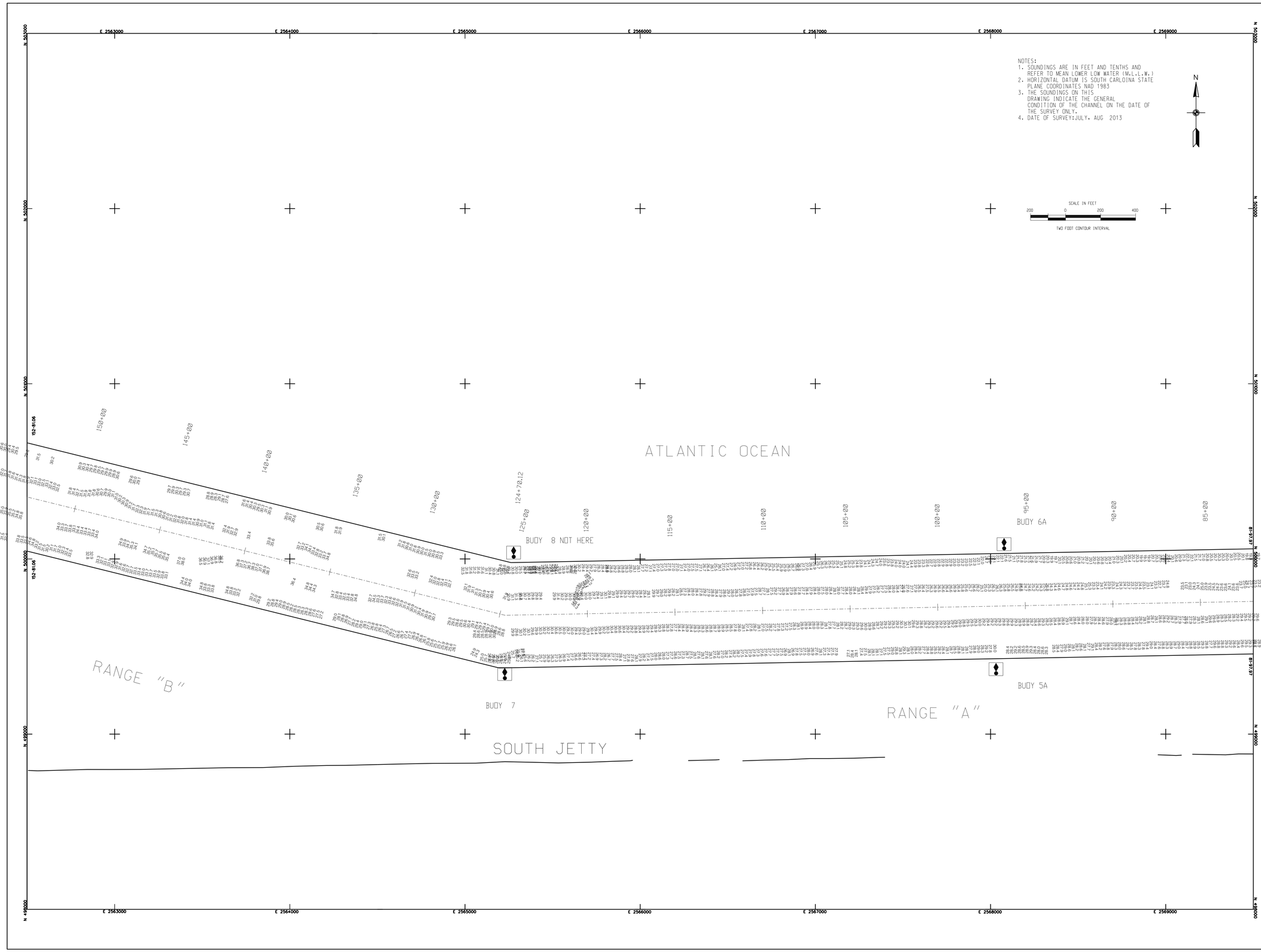
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 11+96.77 to STA. 81+97.97
9501

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER



NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.)
2. HORIZONTAL DATUM IS SOUTH CARLOINA STATE PLANE COORDINATES NAD 1983
3. THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF THE SURVEY ONLY.
4. DATE OF SURVEY:JULY, AUG 2013

N

SCALE IN FEET
200 0 200 400
TWO FOOT CONTOUR INTERVAL

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.

MARK	DESCRIPTION	DATE	APPRV.

Designed by:
Drawn by: MRV
Reviewed by:
Submitted by:
Date: AUG. 2013
Design file no. 9501
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'
Rev:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

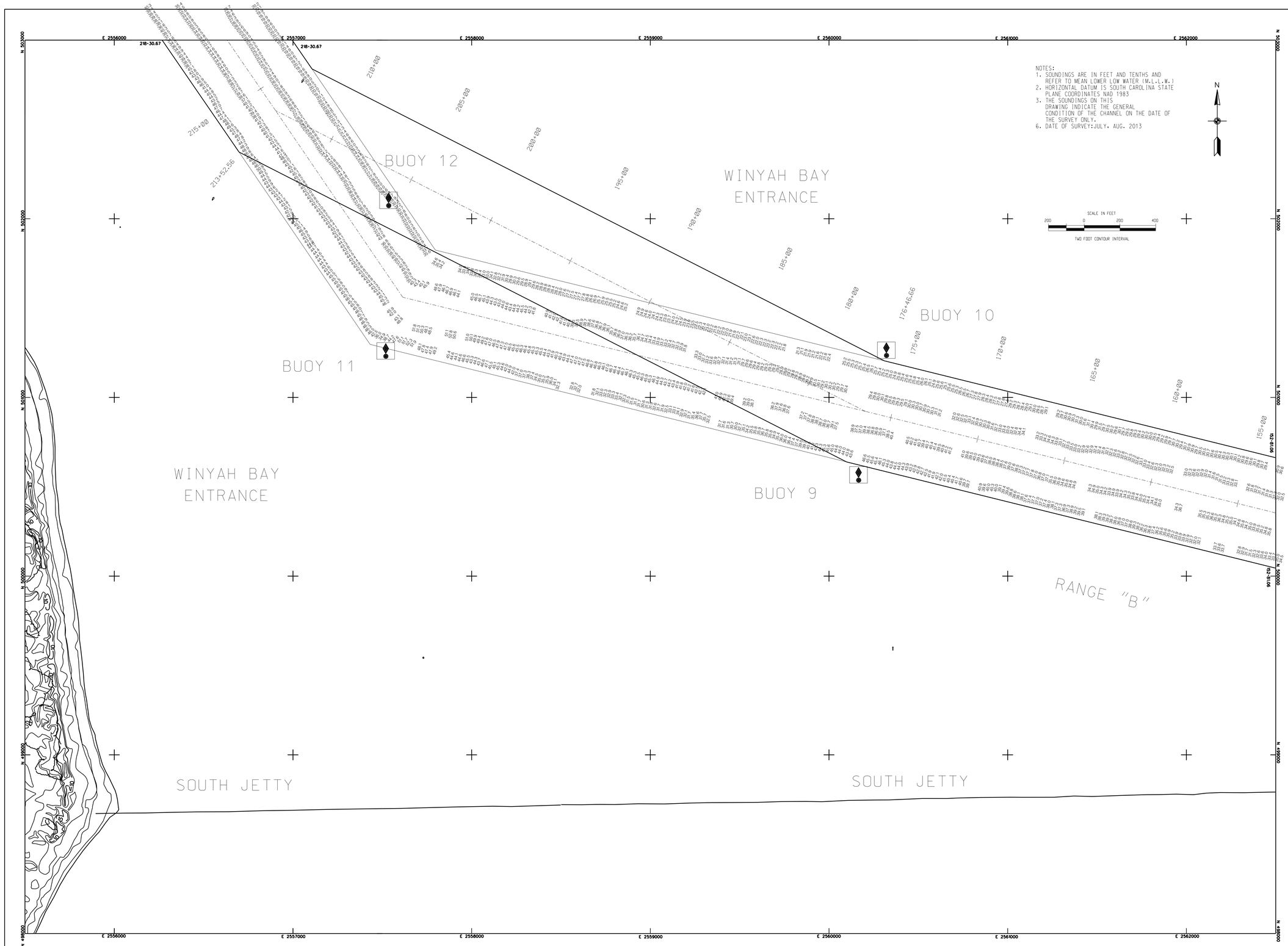
GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 81+97.97 to STA. 152+81.06
9501

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 4 OF 17



NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.)
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983
3. THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF THE SURVEY ONLY.
6. DATE OF SURVEY:JULY, AUG. 2013

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

Designed by:
Drawn by: MRV
Ckd by:
Reviewed by:
Submitted by:
Date: AUG. 2013
Rev:
Design file no. 9501
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

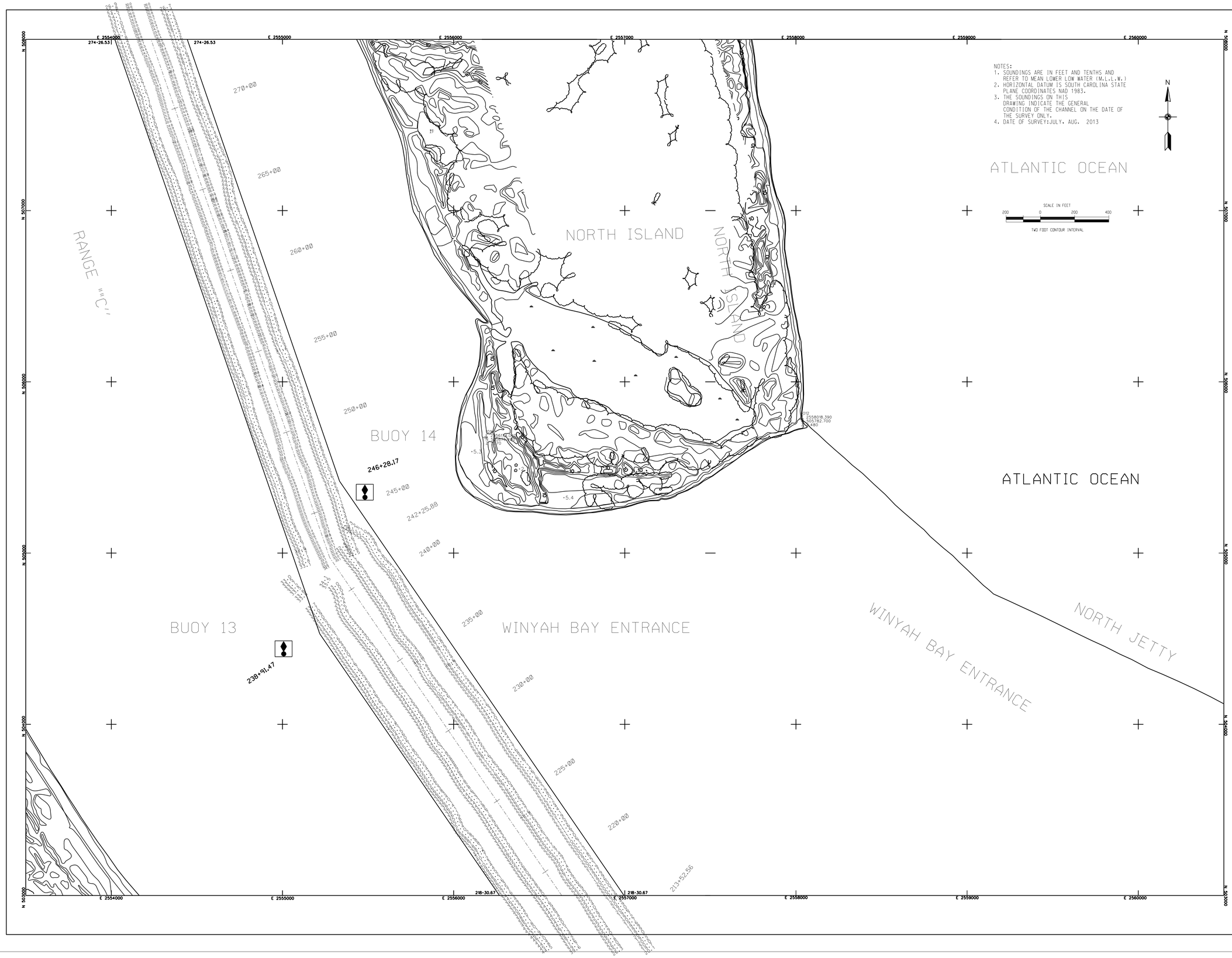
GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA.152+81.06 to STA. 218+30.67
9501

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 5 OF 17



NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.)
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
3. THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF THE SURVEY ONLY.
4. DATE OF SURVEY:JULY, AUG. 2013

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.

MARK	DESCRIPTION	DATE	APPRV.

Designed by:
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Submitted by:
Date: AUG. 2013
Design file no. 9501
Drawing Code:
Rev.:
File name:
Plot date:
Dwg scale: 1" = 200'

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 218+30.67 to STA. 274+26.53
9501

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 6 OF 17

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPV.	MARK	DESCRIPTION	DATE	APPV.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Designed by:	Date: AUG. 2013	Rev:
Drawn by: MRV	Chd by:	Design file no. 9501
Reviewed by:		Drawing Code:
Submitted by:		File name: Plot date: Dwg scale 1" = 200'

GEORGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 274+26.53 to STA. 327+15.52
9501

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 7 OF 17

NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.)
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
3. THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF HYDROGRAPHIC SURVEY.
4. DATE OF SURVEY: JULY - AUG. 2013

SCALE IN FEET
200 0 200 400
TWO FOOT CONTOUR INTERVAL

N

ATLANTIC OCEAN

NORTH ISLAND

RANGE "C"

N 513000 N 512000 N 511000 N 510000 N 509000 N 508000
E 2552000 E 2553000 E 2554000 E 2555000 E 2556000 E 2557000
327+15.52 320+00 315+00 310+00 305+00 300+00 295+00 290+00 285+00 280+00 274+26.53

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Designed by: | Date: AUG. 2013 | Rev.:
Drawn by: MRV | Ckd by: | Design file no. 9501
Reviewed by: | Drawing Code:
Submitted by: | File name: Plot date: Dwg scale: 1" = 200'

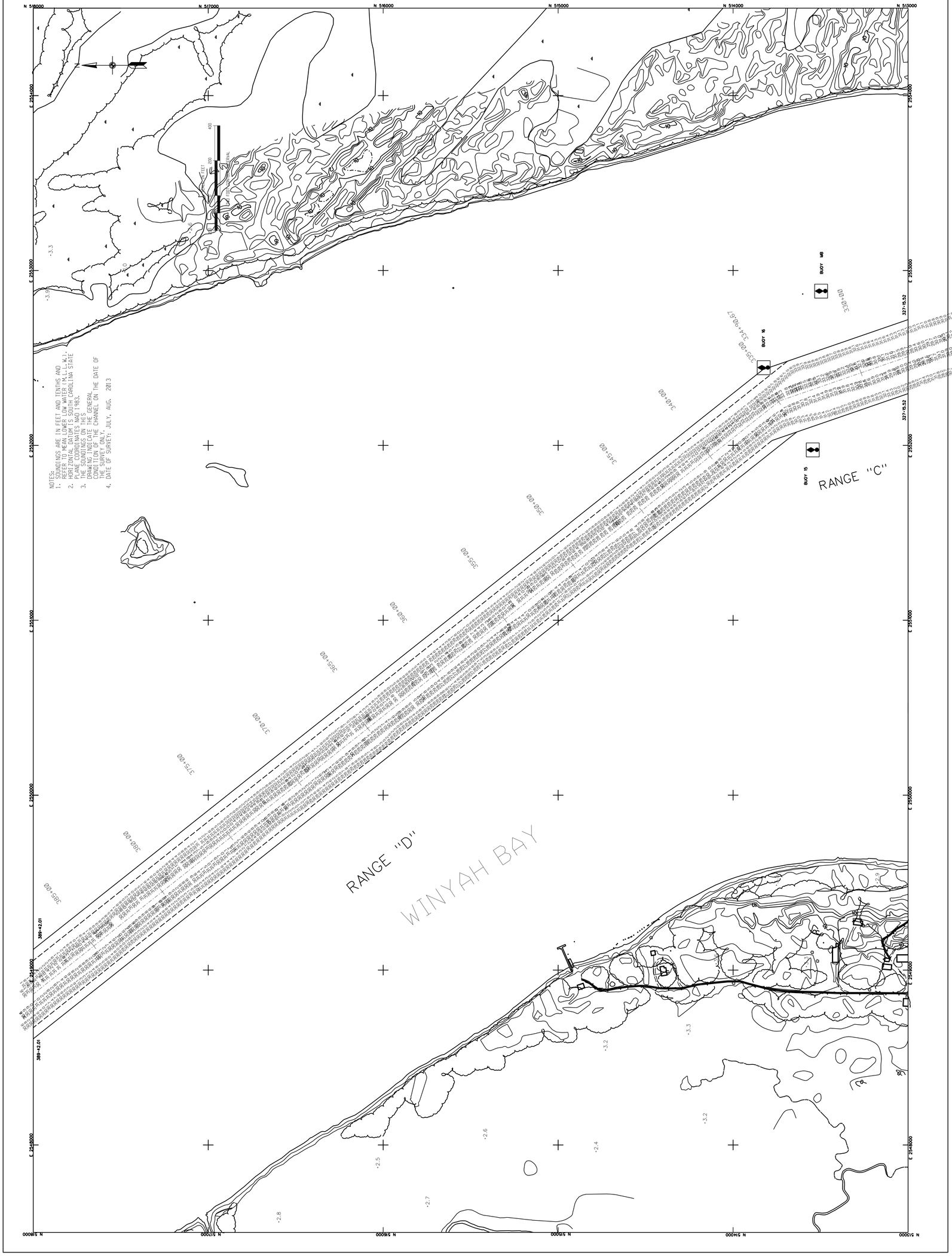
GEORGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 327+15.52 to STA. 389+42.01
9501

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 8 OF 17



NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.).
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
3. THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF THE SURVEY ONLY.
4. DATE OF SURVEY: JULY, AUG. 2013

NOTES:
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3. THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF THE SURVEY ONLY.
4. DATE OF SURVEY: JULY, AUG. 2013

N

SCALE IN FEET
200 0 200 400
TWO FOOT CONTOUR INTERVAL

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Designed by:
Drawn by: MRV
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Reviewed by:
Submitted by:
Date: AUG. 2013
Rev:
Design file no. 9501
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'

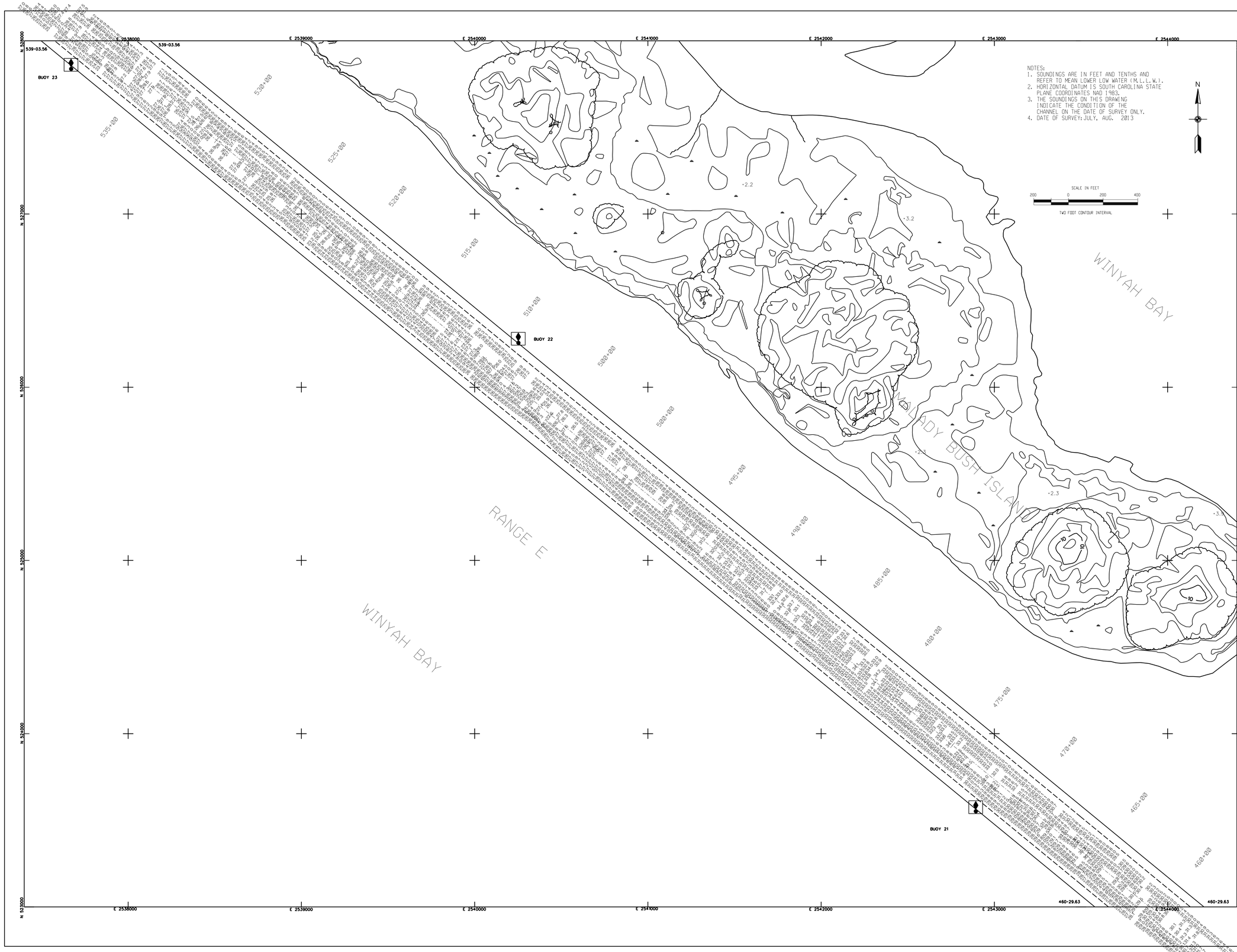
GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 389+42.01 to STA. 460+29.63
9501

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 9 OF 17



NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.).
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
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4. DATE OF SURVEY: JULY, AUG. 2013

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Designed by:
Drawn by: MRV
Reviewed by:
Submitted by:
Date: AUG. 2013
Rev:
Ckd by:
Design file no. 9501
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'

GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 460+29.63 to STA. 539+03.56
9501

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 10 OF 17

NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOW LOWER WATER (M.L.L.W.).
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
3. THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF THE SURVEY ONLY.
4. DATE OF SURVEY: JULY, AUG. 2013

N

SCALE IN FEET
200 0 200 400
TWO FOOT CONTOUR INTERVAL

E 2532000 E 2533000 E 2534000 E 2535000 E 2536000 E 2537000 E 2538000
N 539000 N 538000 N 537000 N 536000 N 535000 N 534000 N 533000 N 532000 N 531000 N 530000 N 529000 N 528000

617-77.48

615+00 610+00 605+00 600+00 595+00 590+00 585+00 580+00 575+00 570+00 565+00 560+00 555+00 550+00 545+00 540+00

BUOY 25

BEACON 24

-3.4 -3.7 -3.7 -3.5

RANGE "E"

WINYAH BAY

WINYAH BAY

539+03.56

US Army Corps of Engineers
Charleston District

	DESCRIPTION	MARK	APPRV.	DATE

Designed by:
Drawn by: MRV
Checked by:
Reviewed by:
Submitted by:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Date: AUG 2013
Design file no.:
Drawing Code:
File name:
Revision:
Dwg scale: 1" = 200

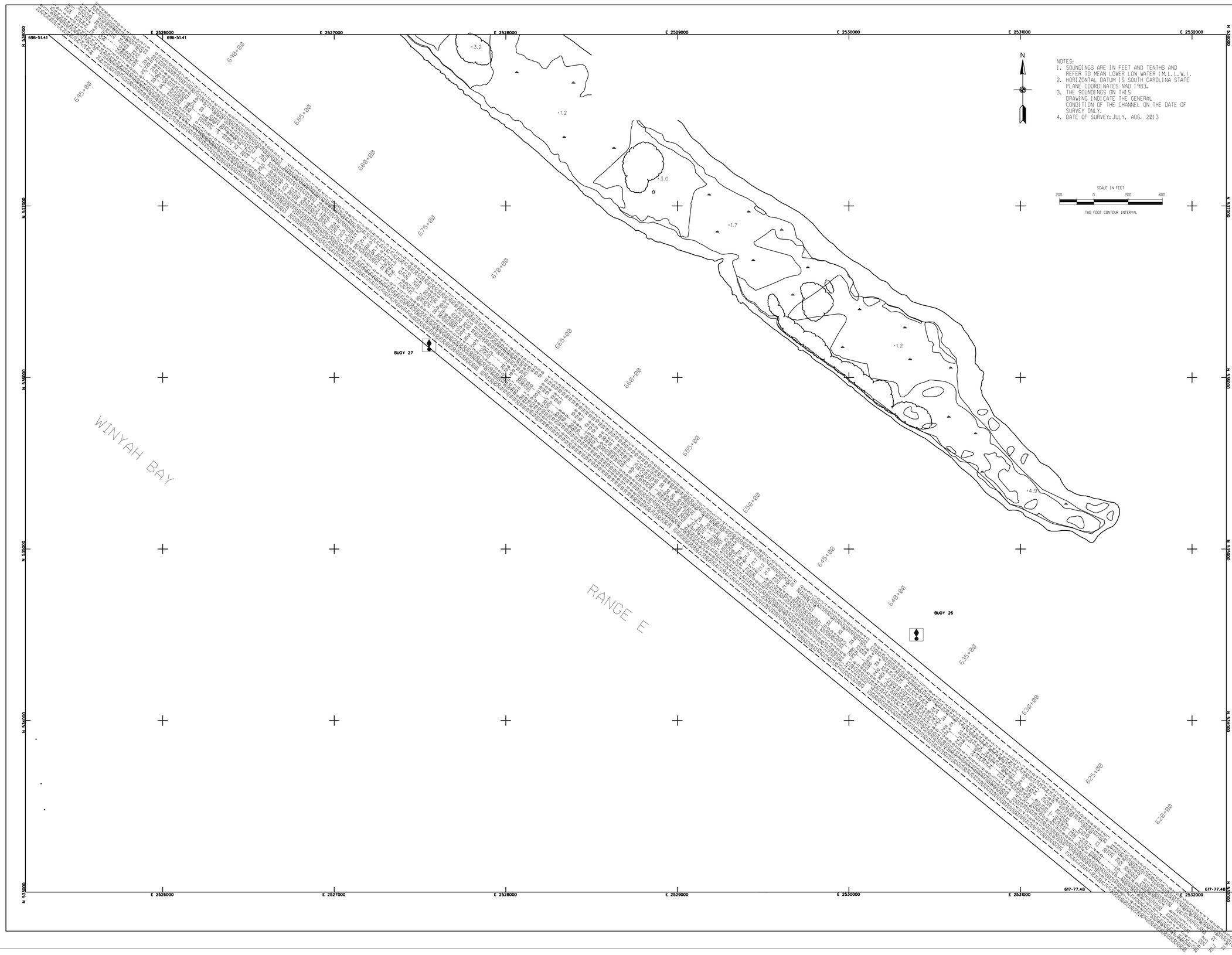
GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 539+03.56 to STA. 617+77.48
9501

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 11 OF 17



NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.).
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
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4. DATE OF SURVEY: JULY, AUG. 2013

US Army Corps of Engineers
Charleston District

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Ckd by:
Reviewed by:
Submitted by:
Date: AUG. 2013
Rev:
Design file no. 9501
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File name:
Plot date:
Dwg scale: 1" = 200'

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 617+77.48 to STA. 696+51.41
9501
GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 12 OF 17

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Designed by:
Drawn by: MRV Chkd by:
Reviewed by:
Submitted by:

Date: AUG. 2013
Dwgn file no. 9501
Drawing Code:
File name:
Ref. dgns:
Dwg scale: 1" = 200'

GEORGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 696+51.41 TO STA. 756+12.42
9501

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 13 OF 17

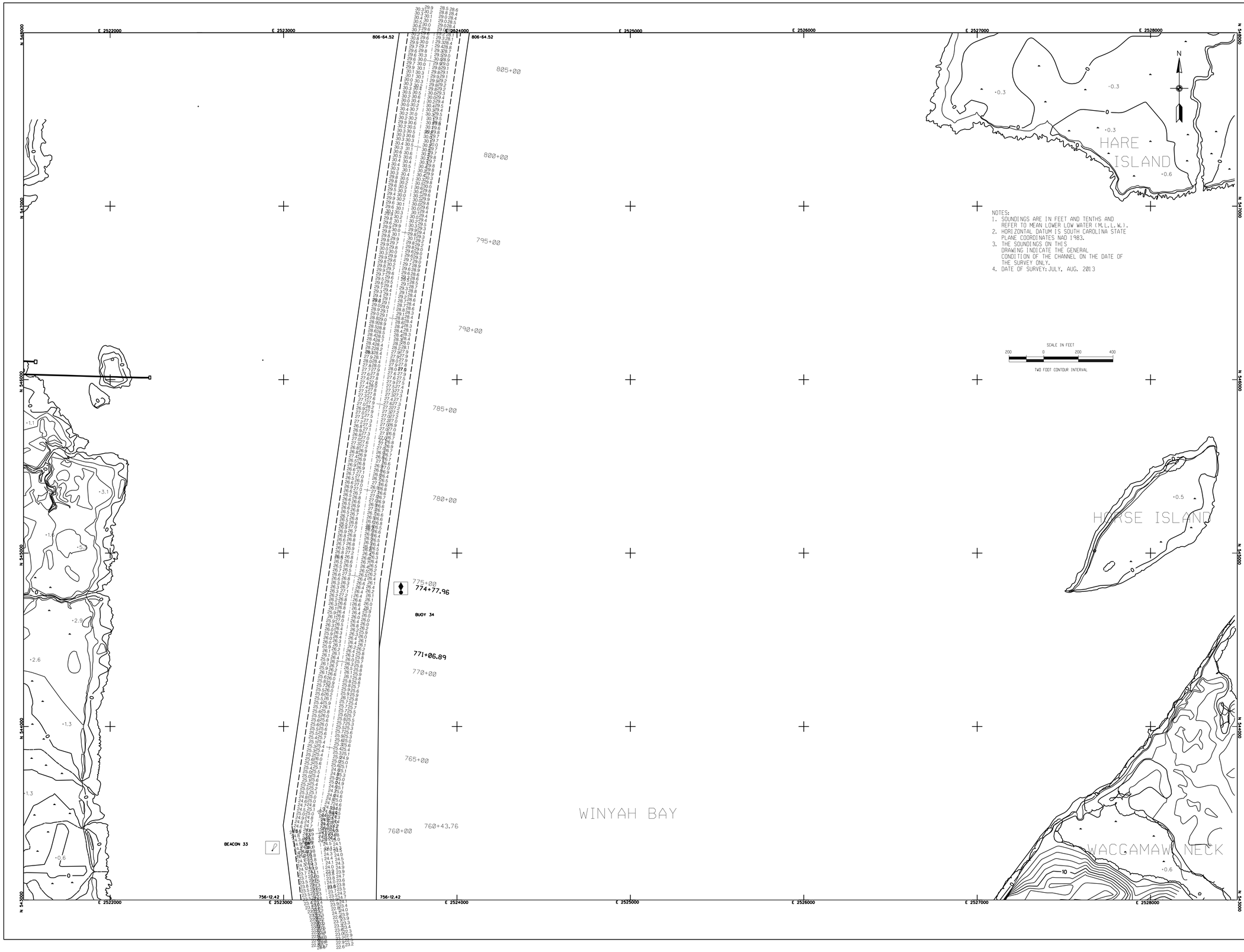
NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.).
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
3. THE SOUNDINGS ON THIS DIAGRAM INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF THE SURVEY ONLY.
4. DATE OF SURVEY: JULY, AUG. 2013

SCALE IN FEET
0 200 400
TWO FEET CONTOUR INTERVAL

FRAZIER POINT
WACCAMAW NECK
FRAZIER BEND
RANGE E
FRONT RANGE

BUOY 32
BUOY 30
BEACON 28

N 543000 N 542000 N 541000 N 540000 N 539000 N 538000
E 2529000 E 2528000 E 2527000 E 2526000 E 2525000 E 2524000 E 2523000 E 2522000



NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.).
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US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.
MARK	DESCRIPTION	DATE	APPRV.

Designed by:		Date: AUG. 2013	Rev:
Drawn by: MRV	Ckd. by:	Design file no. 9501	
Reviewed by:		Drawing Code:	
Submitted by:		File name: Dwg scale: 1" = 200'	

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

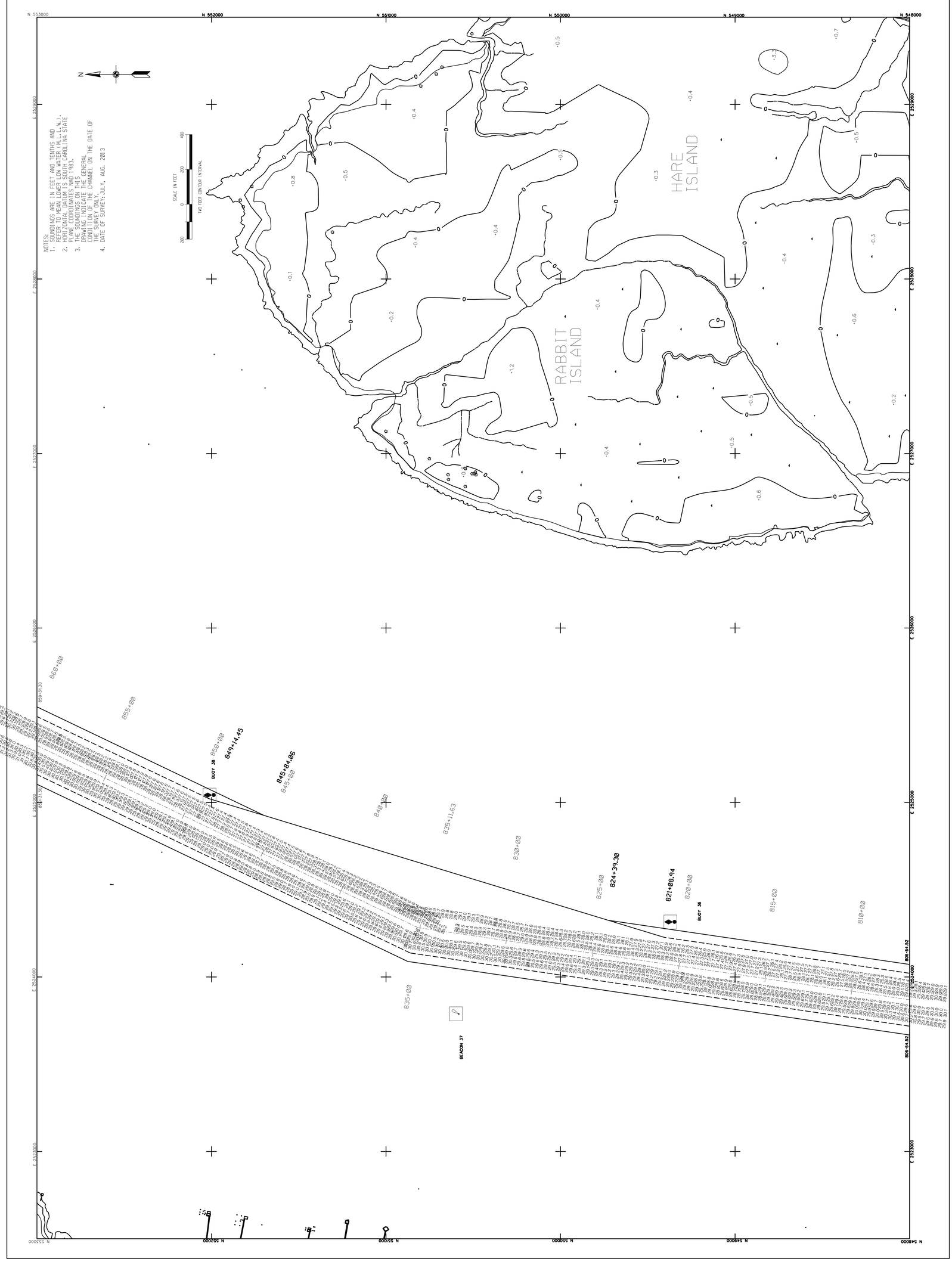
CONDITION SURVEY
STA. 756+12.42 to STA. 806+64.52

9501

SOUTH CAROLINA
GEORGETOWN COUNTY

SHEET REFERENCE NUMBER

SHEET 14 OF 17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NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOW WATER (M.L.L.W.).
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
3. THE SOUNDINGS ON THIS CHART WERE TAKEN IN GENERAL CONFORMITY WITH THE CHANNEL DIMENSIONS AT THE TIME OF THE SURVEY ONLY.
4. DATE OF SURVEY: JULY, AUG. 2013
SCALE IN FEET
200 0 200 400
NO FOOT CONTOUR INTERVAL
N
HARE ISLAND
RABBIT ISLAND
BUOY 38
BUOY 36
BEACON 37
849+14.45
845+84.86
824+39.30
821+08.94
806+64.52
860+00
855+00
850+00
845+00
840+00
835+11.63
830+00
825+00
820+00
815+00
810+00
835+00
-0.1
-0.2
-0.3
-0.4
-0.5
-0.6
-0.7
-0.8
-1.2
-3.3
U.S. Army Corps of Engineers
Charleston District
DESCRIPTION | DATE | APPRV. | MARK
DESCRIPTION | DATE | APPRV. | MARK
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA
Designed by:
Drawn by: MRV
Checked by:
Traced by:
Submitted by:
Date: AUG. 2013
Chief by:
Drawing Code:
File name:
Plot date:
Orig scale 1" = 200'
Rev.
Design file no. 9501
GEORGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC
CONDITION SURVEY
STA. 806+64.52 TO STA. 859+31.30
9501
GEORGETOWN COUNTY SOUTH CAROLINA
SHEET REFERENCE NUMBER
SHEET 15 OF 17

NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.).
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
3. THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF SURVEY ONLY.
4. DATE OF SURVEY: JULY, AUG 2013

SCALE IN FEET
200 0 200 400
TWO FOOT CONTOUR INTERVAL

N

NAD 83 COORDINATES

STATION NO.	LEFT RANGE	CENTERLINE	RIGHT RANGE
849+14.57		X=2524887.70 Y= 552082.70	X=2525023.00 Y= 552018.00
867+97.01	X=2525564.40 Y= 553845.70	X=2525699.70 Y= 553781.00	
877+64.95	X=2526283.60 Y= 554654.50	X=2526117.20 Y= 554654.30	X=2526283.60 Y= 554654.50
887+92.99	X=2525536.50 Y= 555515.80	X=2525671.70 Y= 555580.80	
924+87.15	X=2523935.47 Y= 558845.10	X=2524070.71 Y= 558910.01	X=2524205.84 Y= 558975.10
924+88.22	X=2523935.00 Y= 558846.00	X=2524070.30 Y= 558911.00	X=2524205.50 Y= 558976.00

E 2529000

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

Designed by:
Drawn by: MRV
Ckd by:
Reviewed by:
Submitted by:
Date: AUG. 2013
Rev:
Design file no. 9501
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 859+31.30 to STA. 914+77.39
9501

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 16 OF 17

US Army Corps
of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Designed by:
Drawn by: MRV
Checked by:
Reviewed by:
Submitted by:

Date: AUG 2013
Design file no.: 9501
Drawing Code:
File name:
Plot date:
Orig scale: 1" = 200'

GEORGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 914+77.39 to STA. 964+62.15
9501

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 17 OF 17

NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.).
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
3. THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF THE SURVEY ONLY.
4. DATE OF SURVEY: JULY, AUG. 2013

SCALE IN FEET
0 200 400
200
TWO FOOT CONTOUR INTERVAL

N 561000 N 560000 N 559000 N 558000
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