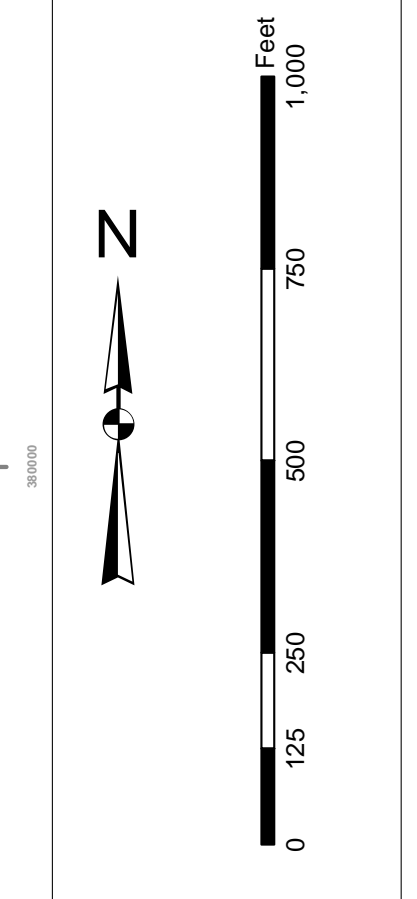






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**Legend**

**Soundings:** 1. 10-14.5, 15-19.5, 20-24.5, 25-29.5, 30-34.5, 35-39.5, 40-44.5, 45-49.5, 50-54.5, 55-59.5, 60-64.5, 65-69.5, 70-74.5, 75-79.5, 80-84.5, 85-89.5, 90-94.5, 95-99.5, 100-104.5, 105-109.5, 110-114.5, 115-119.5, 120-124.5, 125-129.5, 130-134.5, 135-139.5, 140-144.5, 145-149.5, 150-154.5, 155-159.5, 160-164.5, 165-169.5, 170-174.5, 175-179.5, 180-184.5, 185-189.5, 190-194.5, 195-199.5, 200-204.5, 205-209.5, 210-214.5, 215-219.5, 220-224.5, 225-229.5, 230-234.5, 235-239.5, 240-244.5, 245-249.5, 250-254.5, 255-259.5, 260-264.5, 265-269.5, 270-274.5, 275-279.5, 280-284.5, 285-289.5, 290-294.5, 295-299.5, 300-304.5, 305-309.5, 310-314.5, 315-319.5, 320-324.5, 325-329.5, 330-334.5, 335-339.5, 340-344.5, 345-349.5, 350-354.5, 355-359.5, 360-364.5, 365-369.5, 370-374.5, 375-379.5, 380-384.5, 385-389.5, 390-394.5, 395-399.5, 400-404.5, 405-409.5, 410-414.5, 415-419.5, 420-424.5, 425-429.5, 430-434.5, 435-439.5, 440-444.5, 445-449.5, 450-454.5, 455-459.5, 460-464.5, 465-469.5, 470-474.5, 475-479.5, 480-484.5, 485-489.5, 490-494.5, 495-499.5, 500-504.5, 505-509.5, 510-514.5, 515-519.5, 520-524.5, 525-529.5, 530-534.5, 535-539.5, 540-544.5, 545-549.5, 550-554.5, 555-559.5, 560-564.5, 565-569.5, 570-574.5, 575-579.5, 580-584.5, 585-589.5, 590-594.5, 595-599.5, 600-604.5, 605-609.5, 610-614.5, 615-619.5, 620-624.5, 625-629.5, 630-634.5, 635-639.5, 640-644.5, 645-649.5, 650-654.5, 655-659.5, 660-664.5, 665-669.5, 670-674.5, 675-679.5, 680-684.5, 685-689.5, 690-694.5, 695-699.5, 700-704.5, 705-709.5, 710-714.5, 715-719.5, 720-724.5, 725-729.5, 730-734.5, 735-739.5, 740-744.5, 745-749.5, 750-754.5, 755-759.5, 760-764.5, 765-769.5, 770-774.5, 775-779.5, 780-784.5, 785-789.5, 790-794.5, 795-799.5, 800-804.5, 805-809.5, 810-814.5, 815-819.5, 820-824.5, 825-829.5, 830-834.5, 835-839.5, 840-844.5, 845-849.5, 850-854.5, 855-859.5, 860-864.5, 865-869.5, 870-874.5, 875-879.5, 880-884.5, 885-889.5, 890-894.5, 895-899.5, 900-904.5, 905-909.5, 910-914.5, 915-919.5, 920-924.5, 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**OVERHEAD CABLE CLEARANCES**

- (A) OVHD PWR CABS  
CL 163 FT REP
- (B) OVHD PWR CABS  
CL 182 FT REP
- (C) OVHD PWR CABS  
CL 166 FT REP
- (D) OVHD PWR CABS  
CL 104 FT REP

OVHD PWR CABS  
(see note C)

OVHD PWR CAB

2 F G 15ft PA

TANK

TANK

2 F G 15ft PA

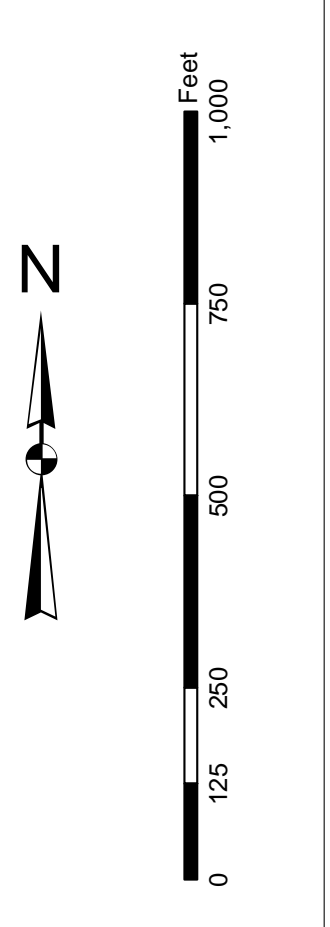
**RESTRICTED AREA**  
334.460  
(see note A)

**SECURITY ZONE 165.709**  
(see note A)

FIXED BRIDGE  
HOR CL 700 FT  
VERT CL 155 FT

MAGNETIC  
VAR 7°30' W (2011)  
ANNUAL INCREASE 4'

**Production Notes:**  
1. This map is a preliminary survey map and is not to be used for navigation.  
2. All measurements are in feet and inches.  
3. All bearings are true bearings.  
4. All distances are in feet.  
5. All elevations are in feet above mean sea level.  
6. All depths are in feet below mean sea level.  
7. All bearings are true bearings.  
8. All distances are in feet.  
9. All elevations are in feet above mean sea level.  
10. All depths are in feet below mean sea level.



**Legend**

| Symbol               | Description                           |
|----------------------|---------------------------------------|
| (A)                  | OVHD PWR CABS CL 163 FT REP           |
| (B)                  | OVHD PWR CABS CL 182 FT REP           |
| (C)                  | OVHD PWR CABS CL 166 FT REP           |
| (D)                  | OVHD PWR CABS CL 104 FT REP           |
| TR                   | TRIAL                                 |
| SSRR                 | STATE STREET RAILROAD                 |
| ELEC Ry              | ELECTRIC RAILROAD                     |
| TANK                 | TANK                                  |
| 2 F G 15ft PA        | 2 FOOTING 15 FEET PILE APPROXIMATE    |
| R "58" FIR 2.5s      | RANGE "58" FIRE RANGING 2.5 SECONDS   |
| R "56B" (see note C) | RANGE "56B" FIRE RANGING (see note C) |
| R "56" FIR 6s        | RANGE "56" FIRE RANGING 6 SECONDS     |
| R "54A" FIR 4s       | RANGE "54A" FIRE RANGING 4 SECONDS    |
| 34 FT SEP 2009       | 34 FEET SEPARATION 2009               |
| 31 FT 2013           | 31 FEET 2013                          |
| 33                   | 33                                    |
| 28                   | 28                                    |
| Dols                 | DOLPHINS                              |
| Foul                 | FOUL                                  |
| TR                   | TRIAL                                 |
| SSRR                 | STATE STREET RAILROAD                 |
| ELEC Ry              | ELECTRIC RAILROAD                     |
| TANK                 | TANK                                  |
| 2 F G 15ft PA        | 2 FOOTING 15 FEET PILE APPROXIMATE    |
| R "58" FIR 2.5s      | RANGE "58" FIRE RANGING 2.5 SECONDS   |
| R "56B" (see note C) | RANGE "56B" FIRE RANGING (see note C) |
| R "56" FIR 6s        | RANGE "56" FIRE RANGING 6 SECONDS     |
| R "54A" FIR 4s       | RANGE "54A" FIRE RANGING 4 SECONDS    |
| 34 FT SEP 2009       | 34 FEET SEPARATION 2009               |
| 31 FT 2013           | 31 FEET 2013                          |
| 33                   | 33                                    |
| 28                   | 28                                    |
| Dols                 | DOLPHINS                              |
| Foul                 | FOUL                                  |
| TR                   | TRIAL                                 |

|                  |   |                           |                            |
|------------------|---|---------------------------|----------------------------|
| Designed By:     | U.S. Army Corps of Engineers                      | Production Date:          | 10 Aug 2015                |
| Reviewed By:     | U.S. Army Corps of Engineers                      | Survey Date:              | 17 Jul 2015                |
| Reference Scale: | 1" = 250 feet                                     | Project Reference Number: | 165.709                    |
| Projection:      | NAD 1983 StatePlane South Carolina FIPS 3200 Feet | Survey Type:              | Single-beam Channel Survey |

**Charleston Upper Harbor Channel Survey**  
The information depicted on this map represents the results of surveys made on the dates indicated and is not to be used for navigation. The general conditions existing at that time.  
Concluded on: 17 July 2015  
Charleston, South Carolina

