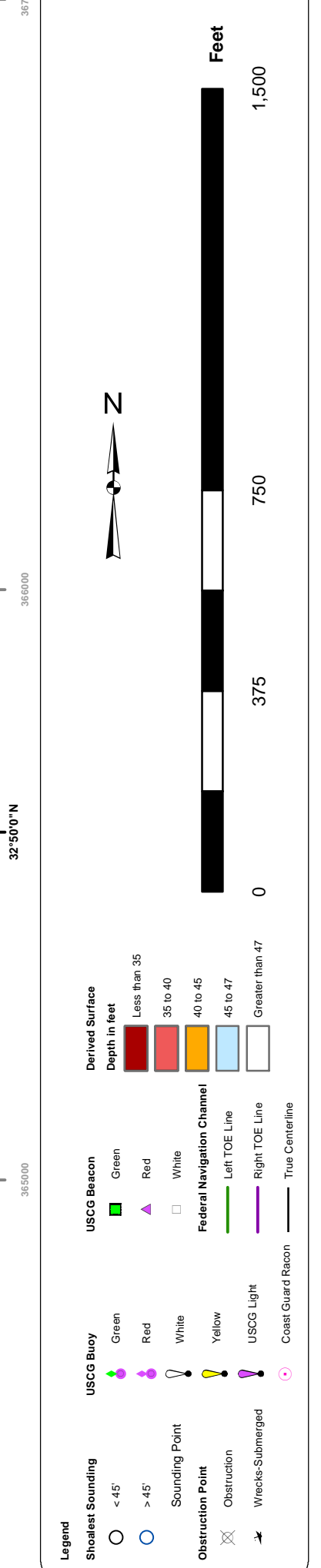
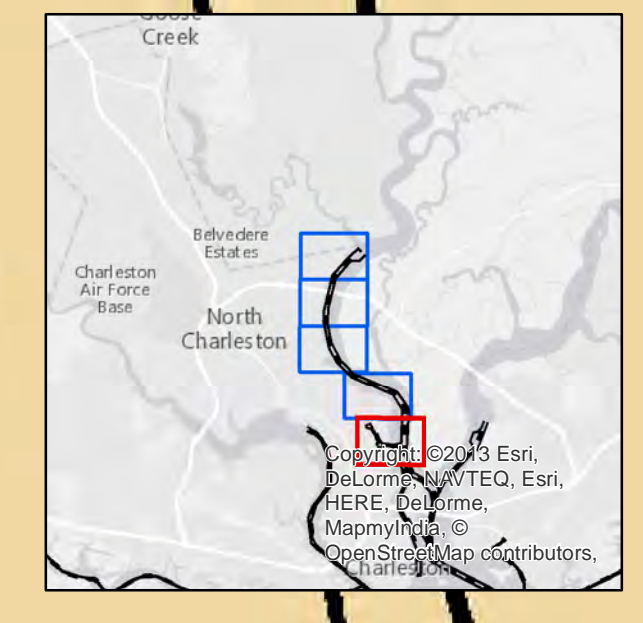
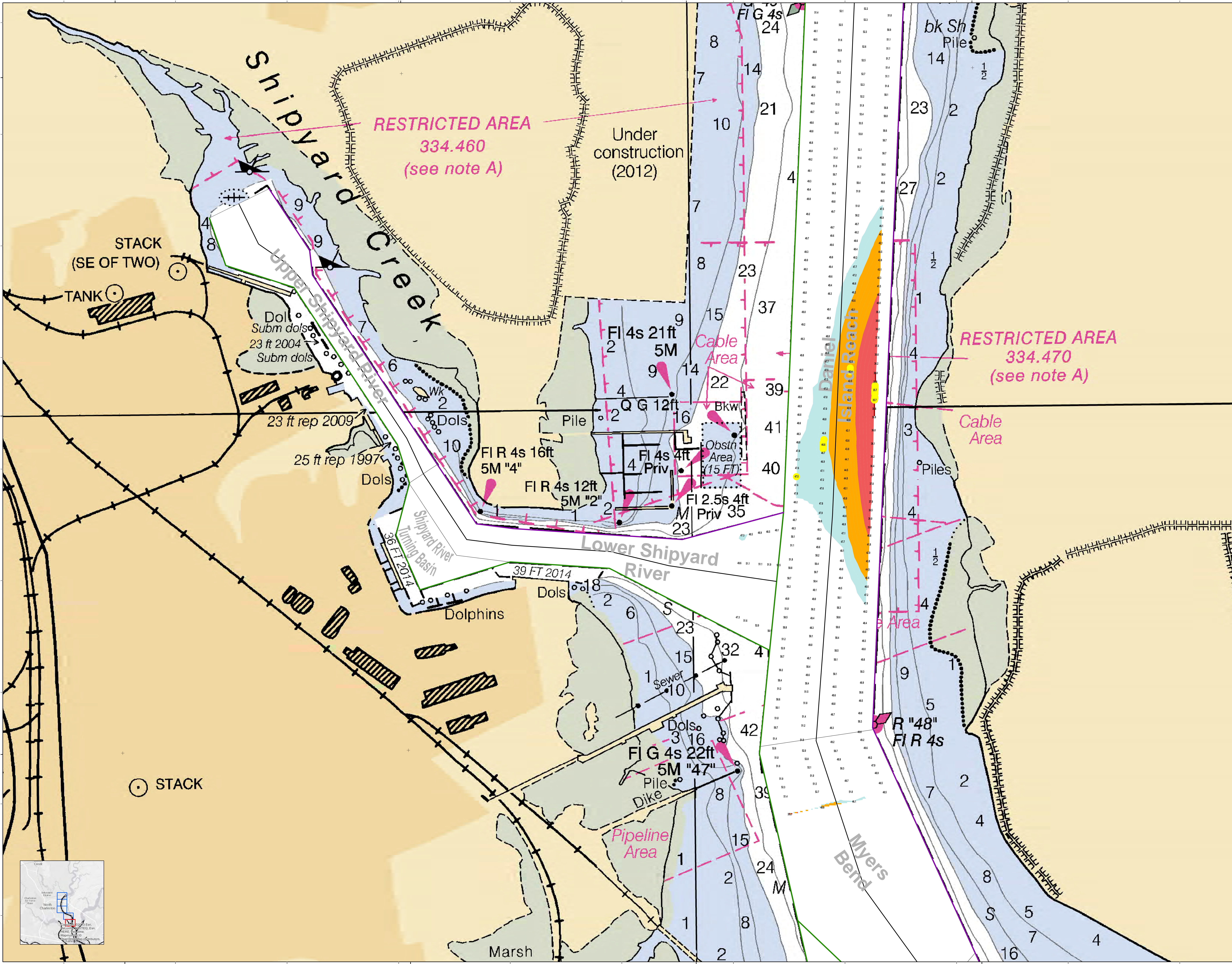


**Production Notes:**  
 1. In no event shall the U.S. Army Corps of Engineers, Charleston District, be held liable for any damages, including consequential or special damages, arising out of the use of the data provided herein.  
 2. These data have been developed from the best available information and are not intended to be used for any purpose other than that for which they were prepared.  
 3. The data are not to be used for any purpose other than that for which they were prepared.  
 4. The data are not to be used for any purpose other than that for which they were prepared.  
 5. The data are not to be used for any purpose other than that for which they were prepared.



U.S. Army Corps of Engineers Charleston District Charleston, South Carolina	Design Date: 08/15/14
Project Reference Number: 20140515	Scale: 1 inch = 250 feet
Project Name: Charleston Harbor Channel Condition	Projection: NAD 1983 StatePlane South Carolina FIPS 3200 Feet

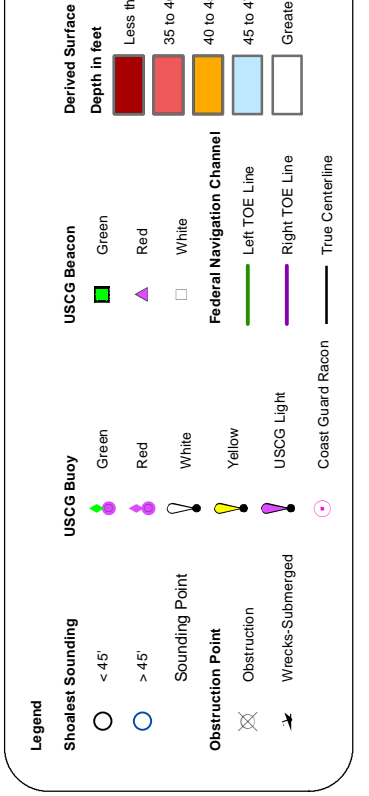
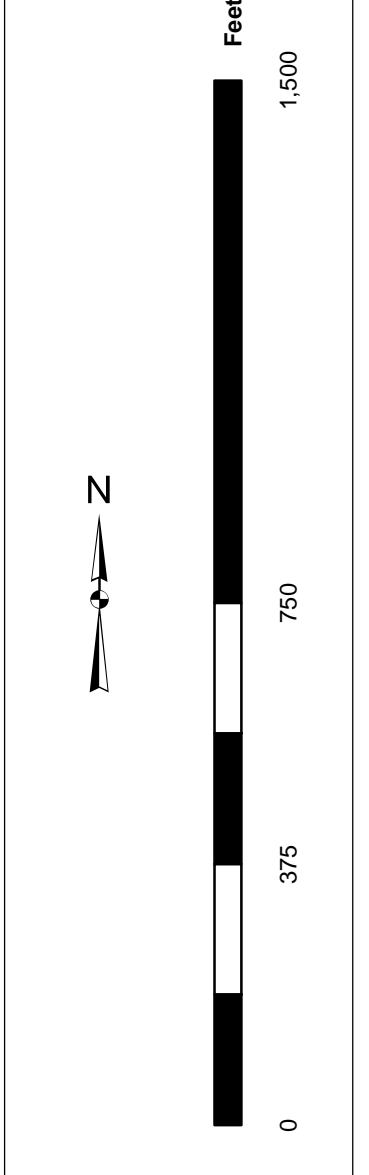
**Charleston Upper Harbor Channel Condition**  
 Channel conditions based on single and/or multi-survey data collected by the US Army Corps of Engineers.  
 Charleston, South Carolina





**Production Notes:**  
 1. In no way shall the U.S. Army Corps of Engineers, Charleston District, be held liable for any damages, including consequential or special damages, of any kind, including lost profits, arising out of the use of the data supplied.  
 2. These data have been developed from the best available information and are not intended to be used for navigation.  
 3. The data are not intended to be used for navigation.  
 4. The data are not intended to be used for navigation.  
 5. The data are not intended to be used for navigation.  
 6. The data are not intended to be used for navigation.  
 7. The data are not intended to be used for navigation.  
 8. The data are not intended to be used for navigation.  
 9. The data are not intended to be used for navigation.  
 10. The data are not intended to be used for navigation.

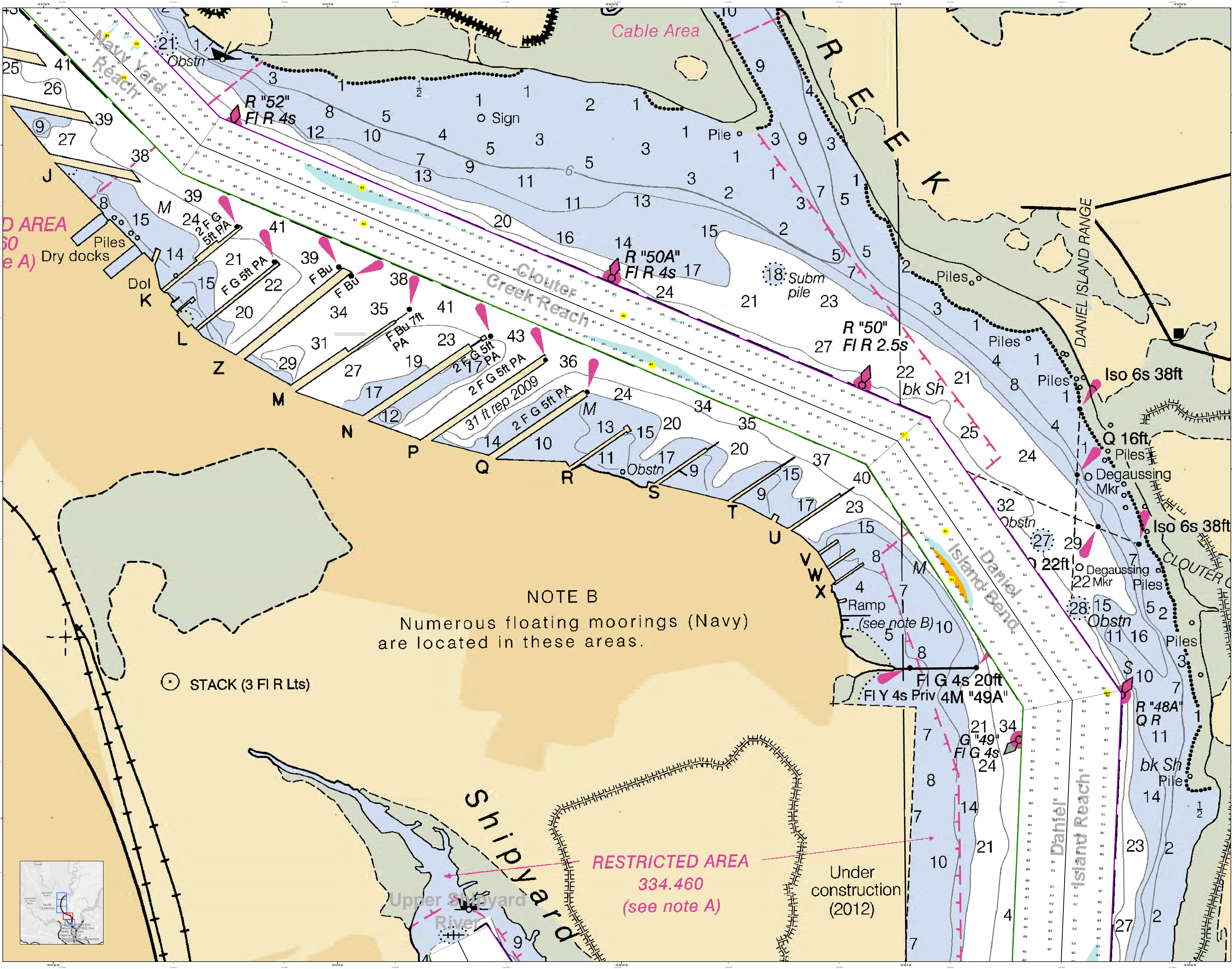
**Scale:**  
 1 inch = 250 feet  
 1:250



Designed by:	20140515	Creation Date:	08 15 14
Reviewed by:	130300	Project Reference Number:	2010010
Reference scale:	1 inch = 250 feet	Document Name:	CH03.CHU.20140529.SE.CS
Projection:	NAD 1983 StatePlane South Carolina FIPS 3200 Feet		

U.S. Army Corps of Engineers  
 Charleston District  
 Charleston, South Carolina  
 Navigation Section  
 604 MacLeod Ave  
 Charleston, SC 29405  
 CESAC-GIS.USACE.ARMY.MIL

**Charleston Upper Harbor Channel Condition**  
 Channel conditions based on single and/or multi-survey data collected by the US Army Corps of Engineers.  
 Charleston, South Carolina

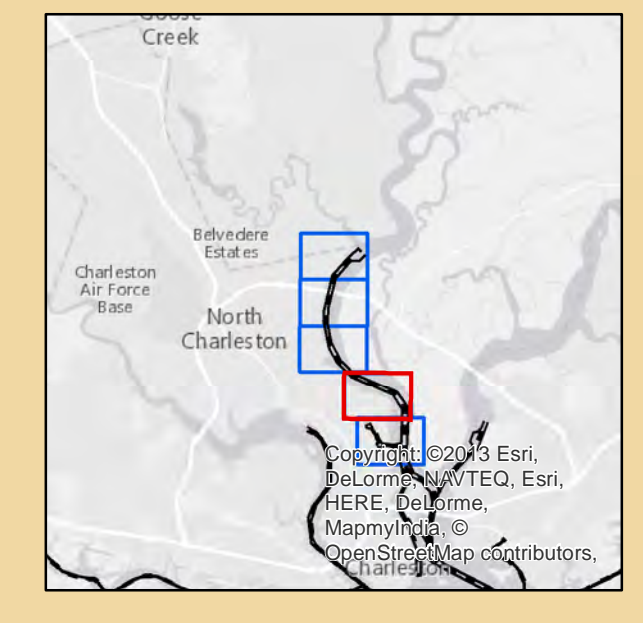


**NOTE B**  
 Numerous floating moorings (Navy)  
 are located in these areas.

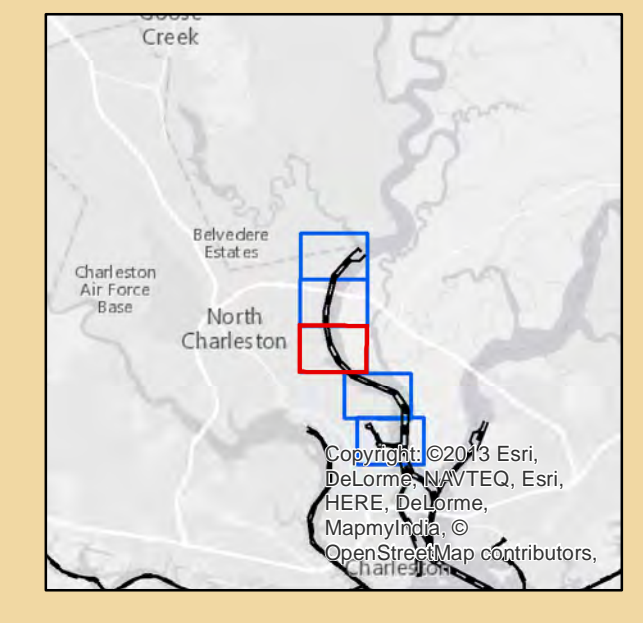
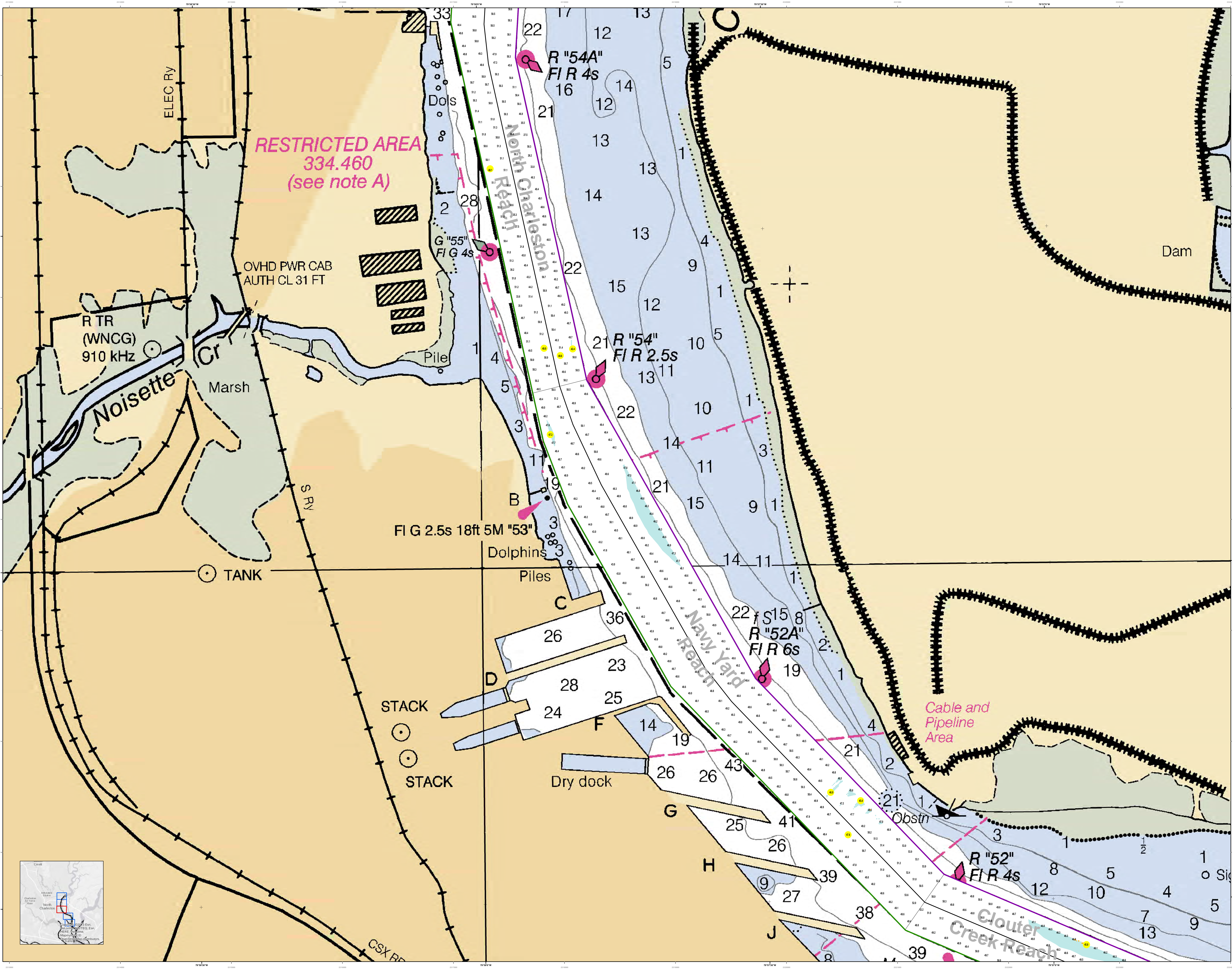
○ STACK (3 FI R Lts)

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

Under construction  
 (2012)







**Production Notes:**  
 1. In no way shall the U.S. Army Corps of Engineers, Charleston District, be held responsible for any errors or omissions in this chart, including, but not limited to, errors or omissions in the data used in the production of this chart.  
 2. These data have been developed from the best available information and are not intended to be used for navigation.  
 3. The data are not intended to be used for navigation.  
 4. The data are not intended to be used for navigation.  
 5. The data are not intended to be used for navigation.

**Legend:**

- Obstruction
- Navigation Aid
- Structure
- Channel Boundary
- Depth Contour
- Marsh
- Waterway
- Obstruction
- Navigation Aid
- Structure
- Channel Boundary
- Depth Contour
- Marsh
- Waterway

**Scale:** 1 inch = 250 feet

**North Arrow:** N

U.S. Army Corps of Engineers Charleston District Charleston, South Carolina Navigation Section 804 MacLeod Ave Charleston, SC 29405 CESAC-SIS.USACE.ARMY.MIL	Designed by: Hydro Software	Design Date: 08/15/14	Creation Date: 08/15/14
	Reviewed by: 1:50,000	Project Reference Number: 20140515	Project Reference Number: 20140515
	Reference scale: 1 inch = 250 feet	Document Name: CH_03_CHU_20140529_SB_CS	Document Name: CH_03_CHU_20140529_SB_CS
		Projection: NAD 1983 StatePlane South Carolina FIPS 3200 Feet	Projection: NAD 1983 StatePlane South Carolina FIPS 3200 Feet

**Charleston Upper Harbor Channel Condition**  
 Channel conditions based on single and/or multi-survey data conducted by the US Army Corps of Engineers.  
 Charleston, South Carolina



**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

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'

In no way shall this U.S. Army Corps of Engineers, Charleston District, be held liable for any damages, including consequential or special damages, of any kind, including lost profits, arising out of the use of the information contained herein. These data have been developed from the best available information and are not intended to be used for purposes other than those for which they were prepared. The user assumes all responsibility for the accuracy and reliability of the information and for the results of any use of the information. The user shall indemnify and hold the U.S. Army Corps of Engineers, Charleston District, harmless from and against all claims, damages, costs, and expenses, including reasonable attorneys' fees, arising out of the use of the information.

**PROJECTION & SCALE:**  
Projection: NAD 1983 StatePlane South Carolina FIPS 3200 Feet  
Scale: 1 inch = 250 feet

**DATE:**  
Creation Date: 08/15/14  
Design Date: 2014/05/15  
Project Reference Number: 20140515  
Document Number: CH03.CHU.20140529.SB\_CS

**DESIGNED BY:**  
U.S. Army Corps of Engineers  
Charleston District  
Charleston, South Carolina  
Navigation Section  
604 MacLeod Ave  
Charleston, SC 29405  
CESAC-SIS.USACE.ARMY.MIL

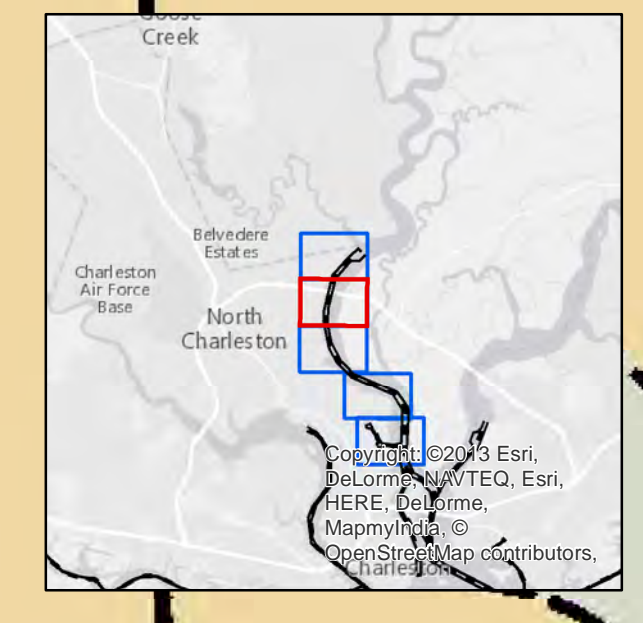
**REVIEWED BY:**  
Absolute scale: 1:30,000  
Reference scale: 1 inch = 250 feet  
Projection: NAD 1983 StatePlane South Carolina FIPS 3200 Feet

**CHARACTERISTICS:**  
Channel conditions based on single and/or multi-survey data collected by the US Army Corps of Engineers.

**CHARACTERISTICS:**  
Charleston, South Carolina

**SHEET REFERENCE NUMBER:**  
C002

**SHEET 4 OF 5**





20 25 30 40 50 60

Without changing divider spread, place  
in 15 minutes, the speed is 16.0 knots.

**RESTRICTED**  
3  
(see note A)

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

Cable Area

ELEVATOR

PORT TERMINAL

TANK

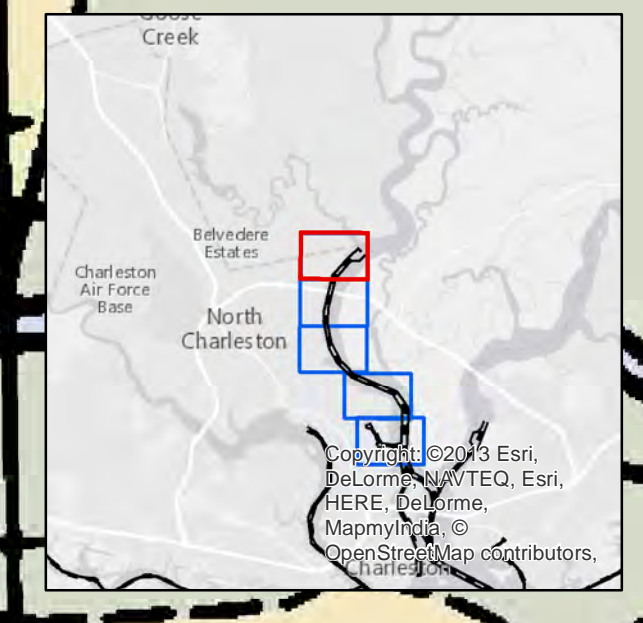
ELEV

ELEVATOR

NOTE C

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



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

US Army Corps of Engineers  
Charleston District

**Production Notes:**  
1. All data were obtained from the US Army Corps of Engineers, Charleston District, and are subject to change without notice.  
2. This data was developed from the most available data and is not intended for navigation.  
3. These data were developed from the most available data and are not intended for navigation.  
4. Accuracy of data is not guaranteed.  
5. Users are encouraged to use all prudent safety measures.

**Production Notes:**  
1. This data was developed from the most available data and is not intended for navigation.  
2. Accuracy of data is not guaranteed.  
3. Users are encouraged to use all prudent safety measures.

**Design:**  
Designed by: [Name]  
Reviewed by: [Name]  
Reference scale: 1 inch = 250 feet  
Projection: NAD 1983 StatePlane South Carolina FIPS 3200 Feet

**U.S. Army Corps of Engineers**  
CHARLESTON DISTRICT  
CHARLESTON, SOUTH CAROLINA  
NAVIGATIONAL SECTION  
814 HADCOCK AVE  
CHARLESTON, SC 29403  
CESAC-GIS.USACE.ARMY.MIL

**Charleston Upper Harbor Channel Condition**  
Channel conditions based on single and/or multi-survey conditions by the US Army Corps of Engineers.  
Charleston, South Carolina

**SHEET REFERENCE NUMBER**  
C002  
SHEET 5 OF 5

