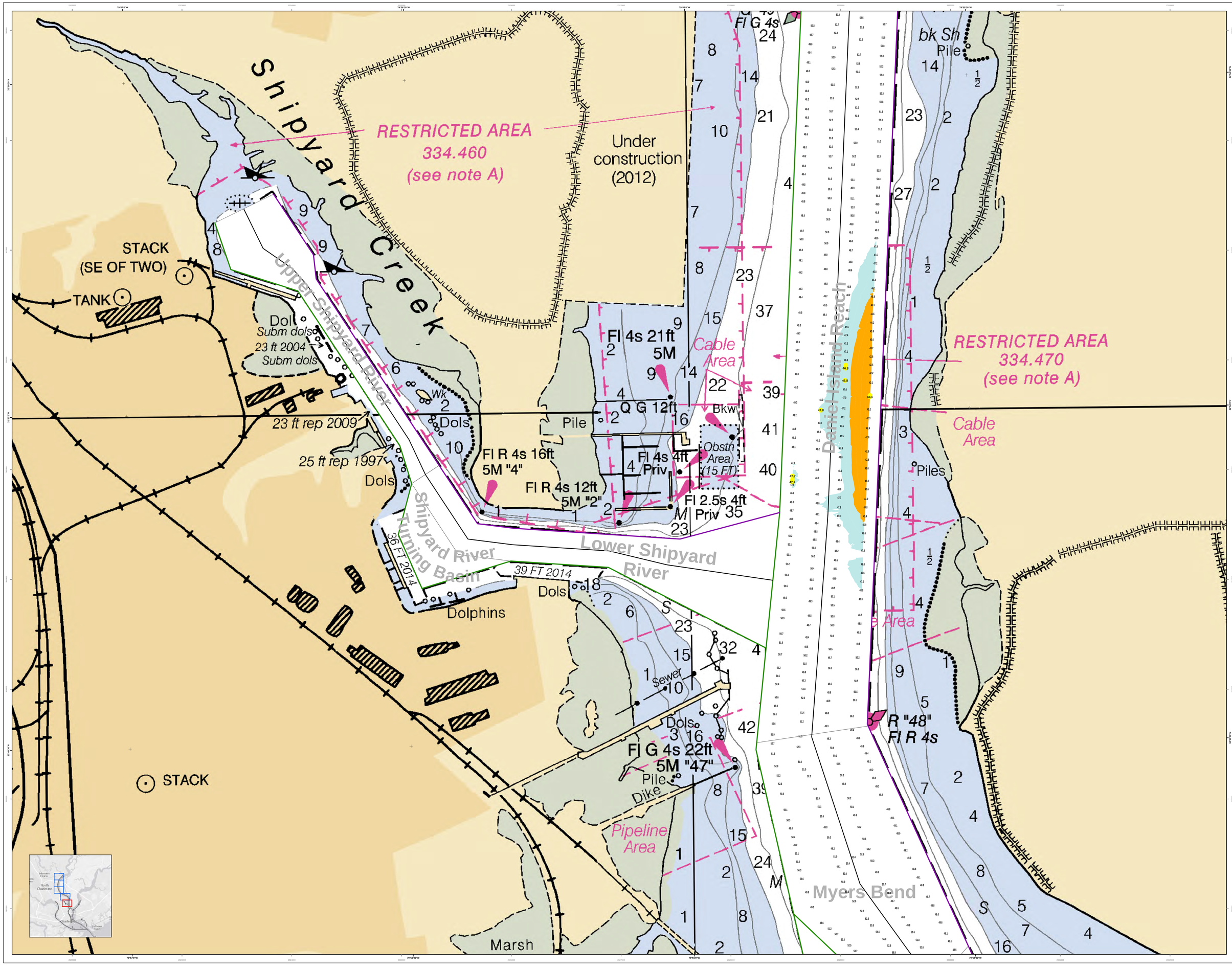


U.S. Army Corps of Engineers
Charleston District

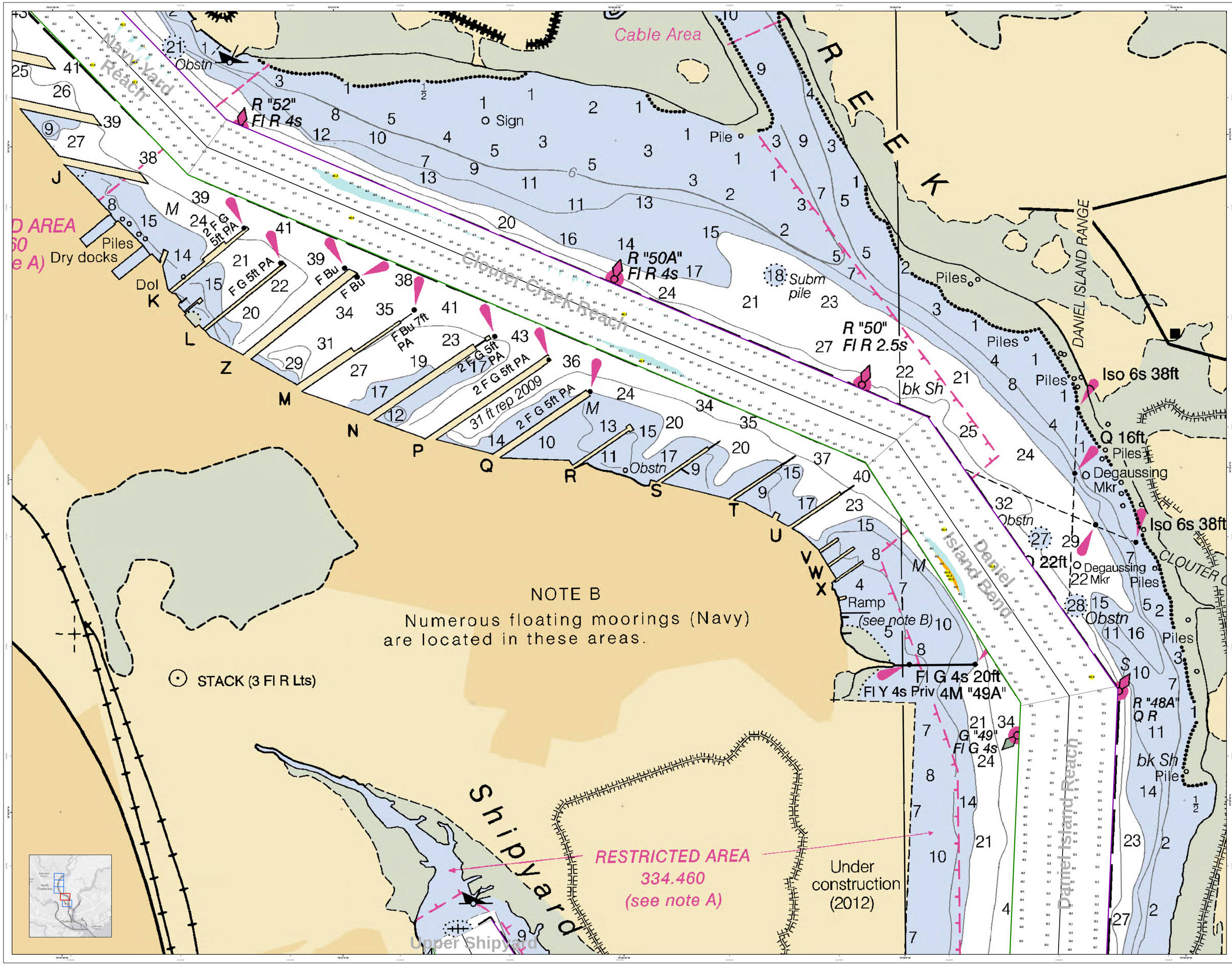
Production Notes:
1. Depth soundings shown on this product are for planning purposes only. Soundings are based on hydrographic survey conducted by the Charleston District, Corps of Engineers.
2. Soundings are in feet and tenths referenced to Mean Lower Low Water (MLLW).
3. Soundings are based on NOAA RNC Map Version 11/24

Legend
Sediment Sounding
Sounding may cover several sediments, see sediment chart for each quarter area.
Bottom Sediments
M Mud
S Sand
Wreck-Submerged

Designed By: eHydro Software v3.82
Reviewed By: NOS
Absolute Scale: 1:1,000
Survey Date: 11 JAN 2016
Production Date: 14 JAN 2016
Project Reference Number: CESAC-PD-0001
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA
SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL
Reference Scale: 1 inch = 250 feet
Survey Type: CONDITION
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet

Charleston Upper Harbor Channel Survey
The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as a representation of general conditions existing at that time.
Concluded on: **DATE**
Charleston, South Carolina

SHEET REFERENCE NUMBER
C002
SHEET 1 OF 5



U.S. Army Corps of Engineers
Charleston District

Production Notes:
1. Depth soundings noted on this product is for planning purposes only. Actual depths may differ from survey conducted by the Corps of Engineers, Charleston District.
2. Soundings are in feet and tenths referenced to Mean Lower Low Water (MLLW).
3. Soundings are in feet and tenths referenced to Mean Lower Low Water (MLLW).
Map Version: 11/2014
Map Version 11/24

Legend
Bathymetric Sounding
Sounding may cover channel or navigation area, but not in each quarter area.
Sounding may cover channel or navigation area, but not in each quarter area.
Obstruction
Wreck-Submerged

Survey Date: 11 JAN 2016	Production Date: 14 JAN 2016
Project Reference Number: CHA-14-CHA-04041	
Survey Type: CONDITION]	
Reference Scale: 1 inch = 250 feet	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet	

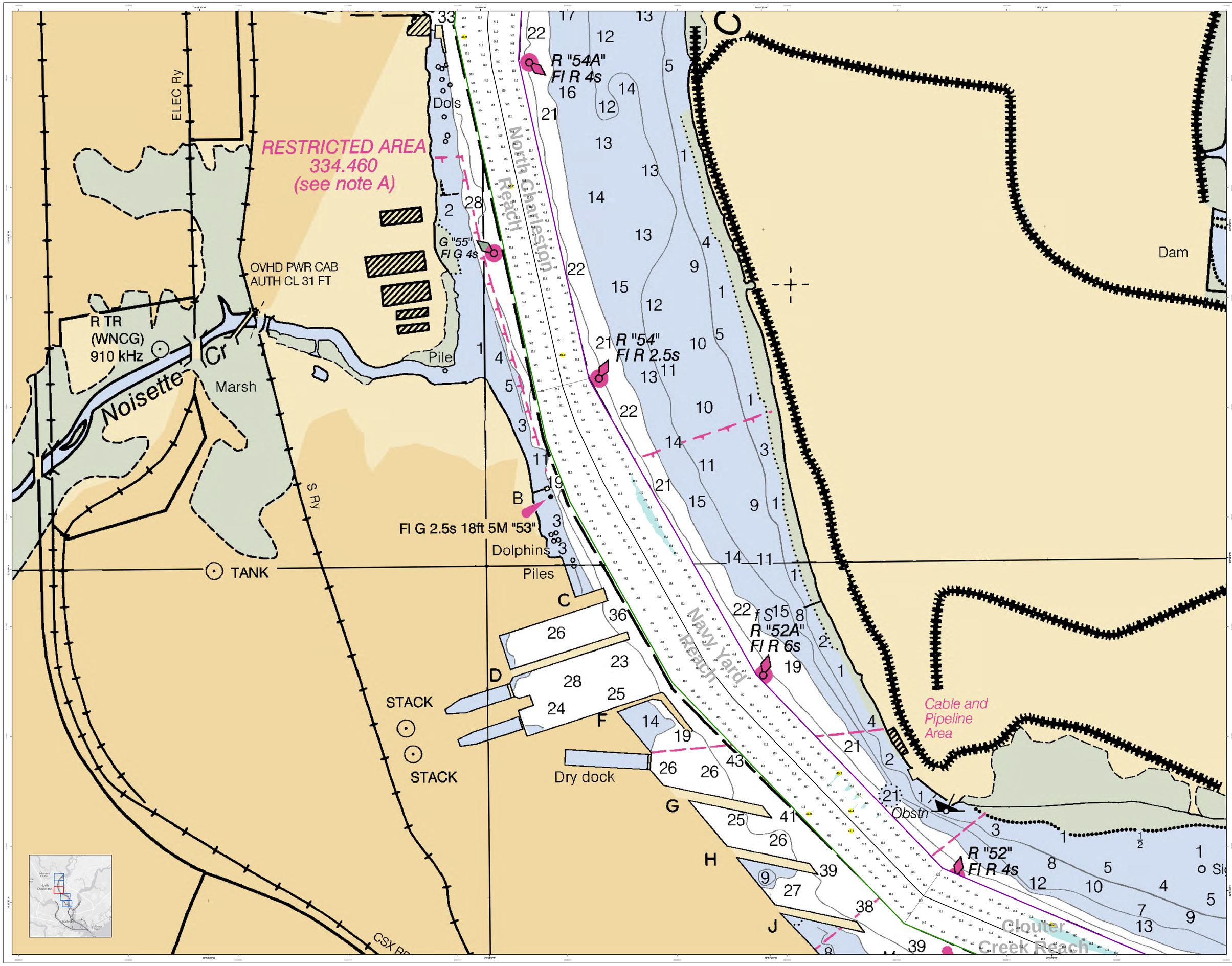
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

SPATIAL DATA BRANCH
69A HAGOOD AVE
CHARLESTON, SC 29403
CESAC-GIS@USACE.ARMY.MIL

Designed By: eHydro Software v3.82
Reviewed By: NOAA
Absolute Suite: 1.1.0.0

Charleston Upper Harbor Channel Survey
The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as representing general conditions existing at that time.
Concluded on: **DATE**
Charleston, South Carolina

SHEET REFERENCE NUMBER
C002
SHEET 2 OF 5



U.S. Army Corps of Engineers

Charleston District

Production Notes:

1. Depth data displayed on this product is for planning purposes only. It is not to be used for navigation. Area surveys conducted by the Charleston District are reliable as of the date of the survey.
2. Soundings are in feet and tenths.
3. Datum: Mean Lower Low Water (MLLW)

Author: Jeffrey Wilson and NOAA RNC
Map Version 11/2/4

In no event shall the U.S. Army Corps of Engineers, Charleston District Office, Spatial Data Branch be liable for direct, indirect, incidental, special, exemplary, or consequential damages, including, but not limited to, loss of anticipated profits or benefits arising out of the use of this product.

These data sets have been developed from the best available source data and are subject to revision as new data becomes available. We believe these data sets are accurate and reliable, errors and variable conditions may exist in the source data. Users should exercise caution in the interpretation of the data collected in the data sequence.

This product is not to be used for navigation.

Mariners are encouraged to use all prudent safety measures.

Legend

Sounding
Sounding
Sounding may cover several charted features, or charted as per nearby sounding data.
Obstruction
Obstruction
Wreck
Wreck
Submerged

USCG Buoys
Green
Red
White
Green
Red
White
Yellow
USCG Light

Federal Navigation Channel
Left Edge
Right Edge
Right TOE Line
True Centerline
Coast Guard Beacon

Depth in Feet
0 to 5 and 30.0
8.1 to 10.0
10.1 to 15.0
15.1 to 20.0
Greater than 20.0

N

0 125 250 500 750 1,000 Feet

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Designed By: eHydro Software v3.82	Survey Date: 11 JAN 2016
	Reviewed By: NGS	Absolute Scale: 1:24,000
	Reference Scale: 1 inch = 250 feet	Survey Type: CONDITION]
SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403	Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet	Production Date: 14 JAN 2016
CESAC-GIS@USACE.ARMY.MIL		Project Reference Number: CHS-SC-PRA-2016

Charleston Upper Harbor Channel Survey

The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as representing the general conditions existing at that time.

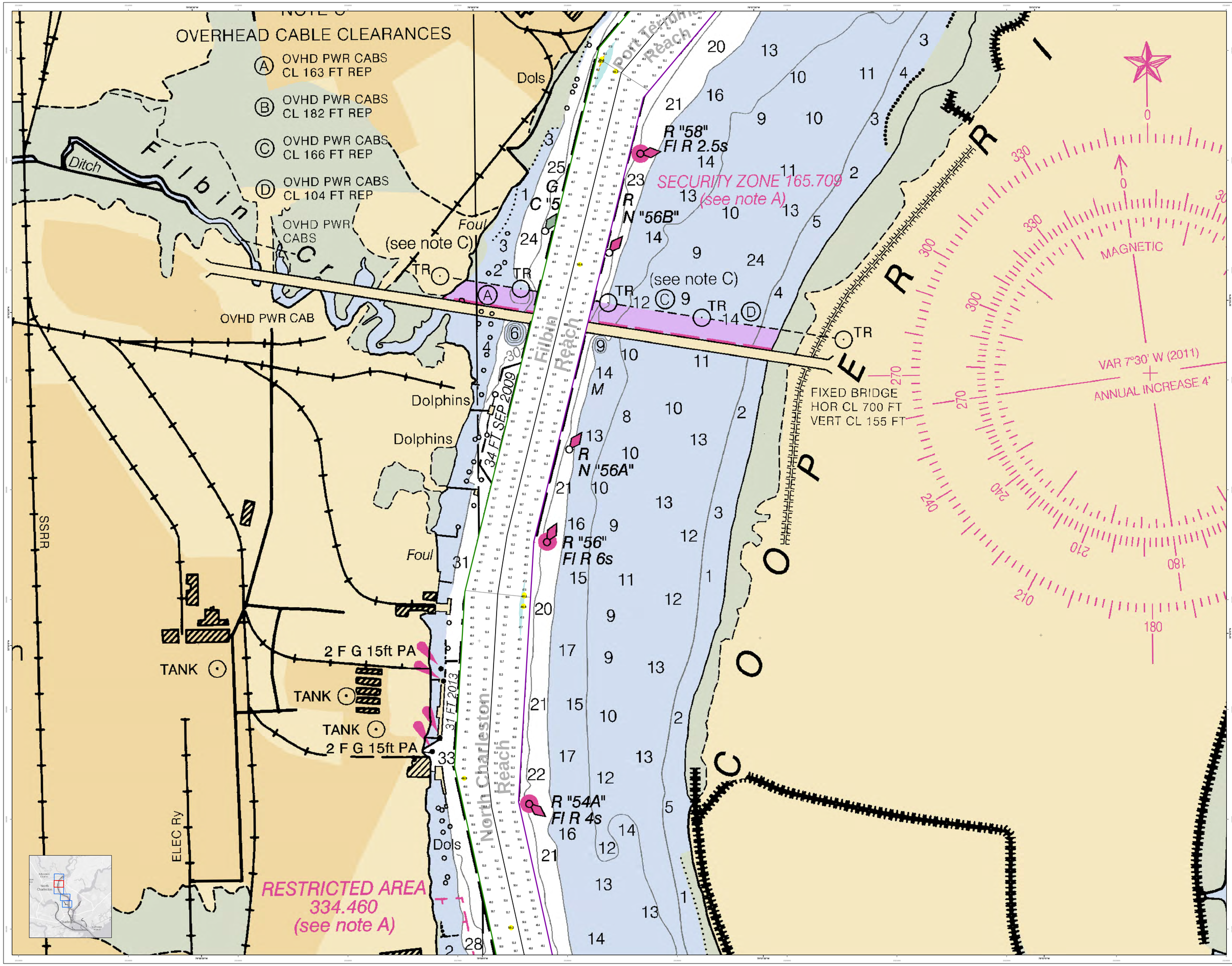
Concluded on: **DATE**

Charleston, South Carolina

SHEET REFERENCE NUMBER

C002

SHEET 3 OF 5



U.S. Army Corps of Engineers
Charleston District

Legend

Seabed Sounding
Sounding
Soundings may cover several navigation channels and/or parallel coastal areas.

USGS Buoys
Green
Red
White

Federal Navigation Channel
Right TOE Line
Right TOS Line
True Centerline

USCG Buoys
Green
Red
White
Yellow

Other Features
Wreck-Submerged

USCG Light
Coast Guard Beacon

Depth Feet
Depth < 4 feet
4.1 to 8.0
8.1 to 10.0
10.1 to 12.0
12.1 to 17.0
Greater than 17.0

Production Notes:
1. Depths are referenced to the Project Datum. This chart is for planing purposes only and not for navigation purposes. Soundings were conducted by the Charleston District, Corps of Engineers.
3. Soundings are in feet and tenths. Elevations are in feet above Mean Lower Low Water (MLLW).
Author: Charleston Geospatial - NOAA RNC
Map Version 1104

In no event shall the U.S. Army Corps of Engineers, Charleston District Office, Spatial Data Branch be liable for errors, correct, incorrect, incomplete, or misleading information, including, but not limited to, lost of anticipated profits or benefits arising out of the use of this map.
These data sets have been developed from the best available sources and are believed to be accurate and reliable, errors and variable conditions, omissions, and discrepancies may exist. Users should verify data elements and exercise prudent judgement in the data supplied.
This map is not to be used for navigation.
Mariners are encouraged to use all prudent safety measures.

Designed By: eHydro Software v3.82	Survey Date: 11 JAN 2016 / 14 JAN 2016
Reviewed By: N/A	Absolute Scale: 1:2,000	Project Reference Number: [PROJECT-CHA-00103]
Reference Scale: 1 inch = 250 feet	Survey Type: CONDITION
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet	

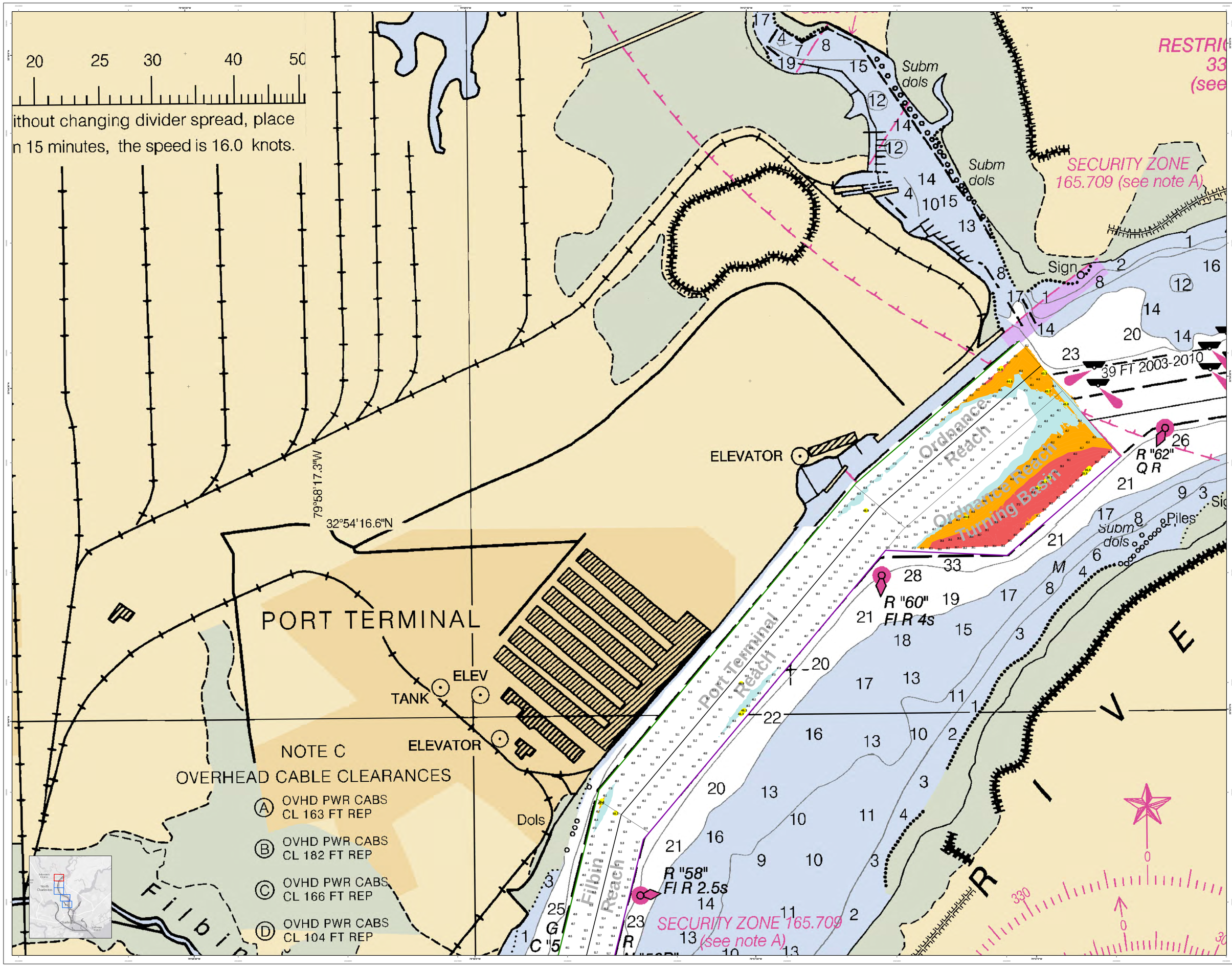
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

SPATIAL DATA BRANCH
69A HAGOOD AVE
CHARLESTON, SC 29403

CESAC-GIS@USACE.ARMY.MIL

Charleston Upper Harbor Channel Survey
The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as representing the general conditions existing at that time.
Concluded on: **DATE**
Charleston, South Carolina

SHEET REFERENCE NUMBER
C002
SHEET 4 OF 5



U.S. Army Corps of Engineers
Charleston District

Production Notes:

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These data sets have been developed from the best available source data at the time of publication. Although all reasonable efforts are made to ensure that these data sets are accurate and reliable, errors and variable conditions do occur in the source data. Therefore, the user should verify critical data and conditions independently before making decisions.

This product is not intended to be used for navigation.

Mariners are encouraged to use all prudent safety measures.

Legend

Bottom Sounding

- Sounding may cover several adjacent survey lines, per each quarter area

Obstructions

- Wreck(Submerged)

Depth Feet

- Less than 0.0
- 0.1 to 6.0
- 6.1 to 12.0
- 12.1 to 27.0
- Greater than 27.0

USCG Buoys

- Green
- Red
- White

Federal Navigation Channel

- Right TOE Line
- True Centerline

USCG Buoys

- Green
- Red
- White
- Yellow

USCG Light

- Coast Guard Racon

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Designed By: eHydro Software v3.82	Survey Date: 11 JAN 2016	Production Date: 14 JAN 2016
	Reviewed By: Kevin Kelly	Absolute Scale: 1:1,000	Project Reference Number: CEAC-16-0010
SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403	Reference Scale: 1 inch = 250 feet		Survey Type: CONDITION
CESAC-GIS@USACE.ARMY.MIL	Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

Charleston Upper Harbor Channel Survey

The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as representing the general conditions existing at that time.

Concluded on: **DATE**

Charleston, South Carolina

SHEET REFERENCE NUMBER

C002

SHEET 5 OF 5