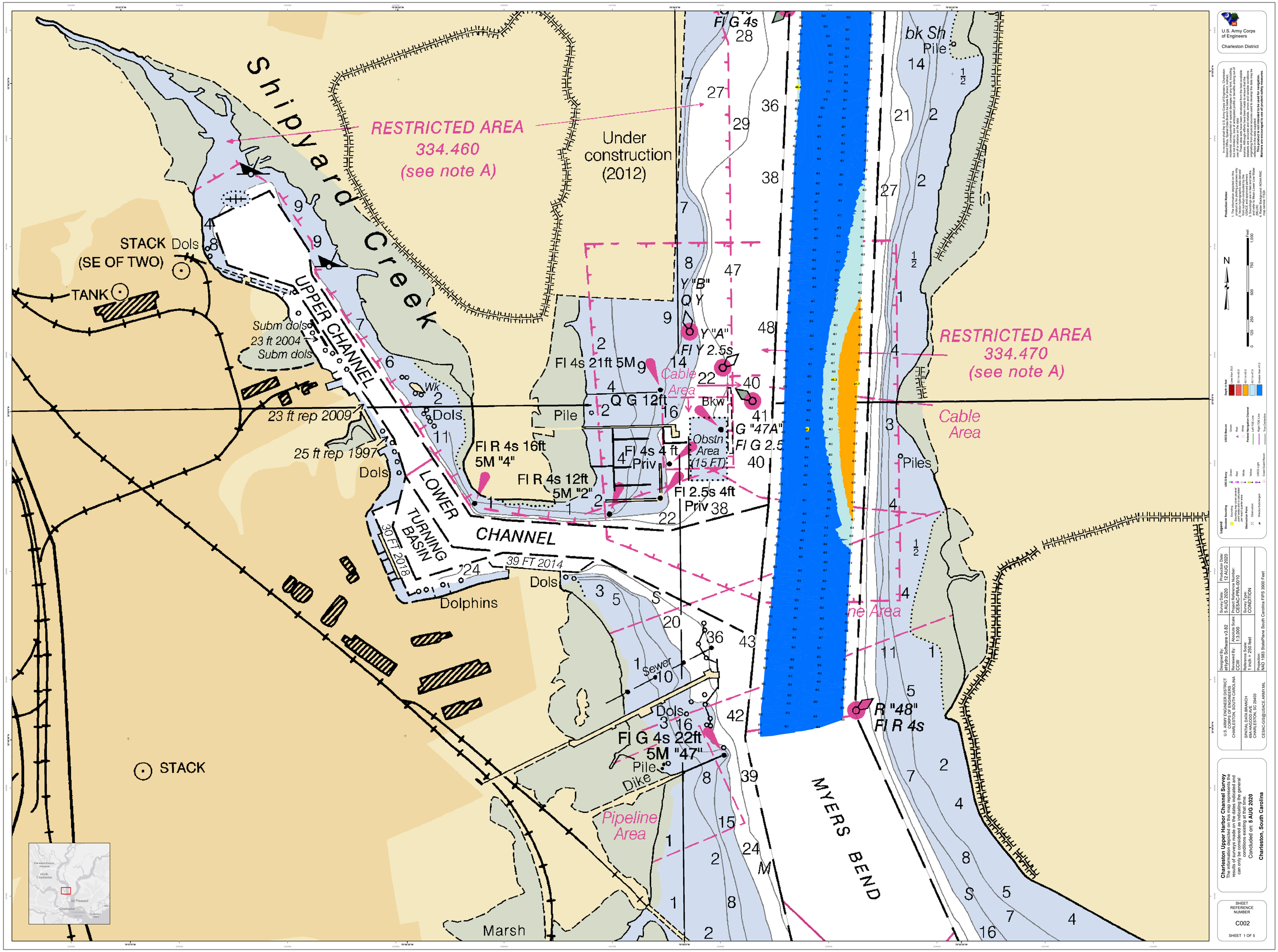
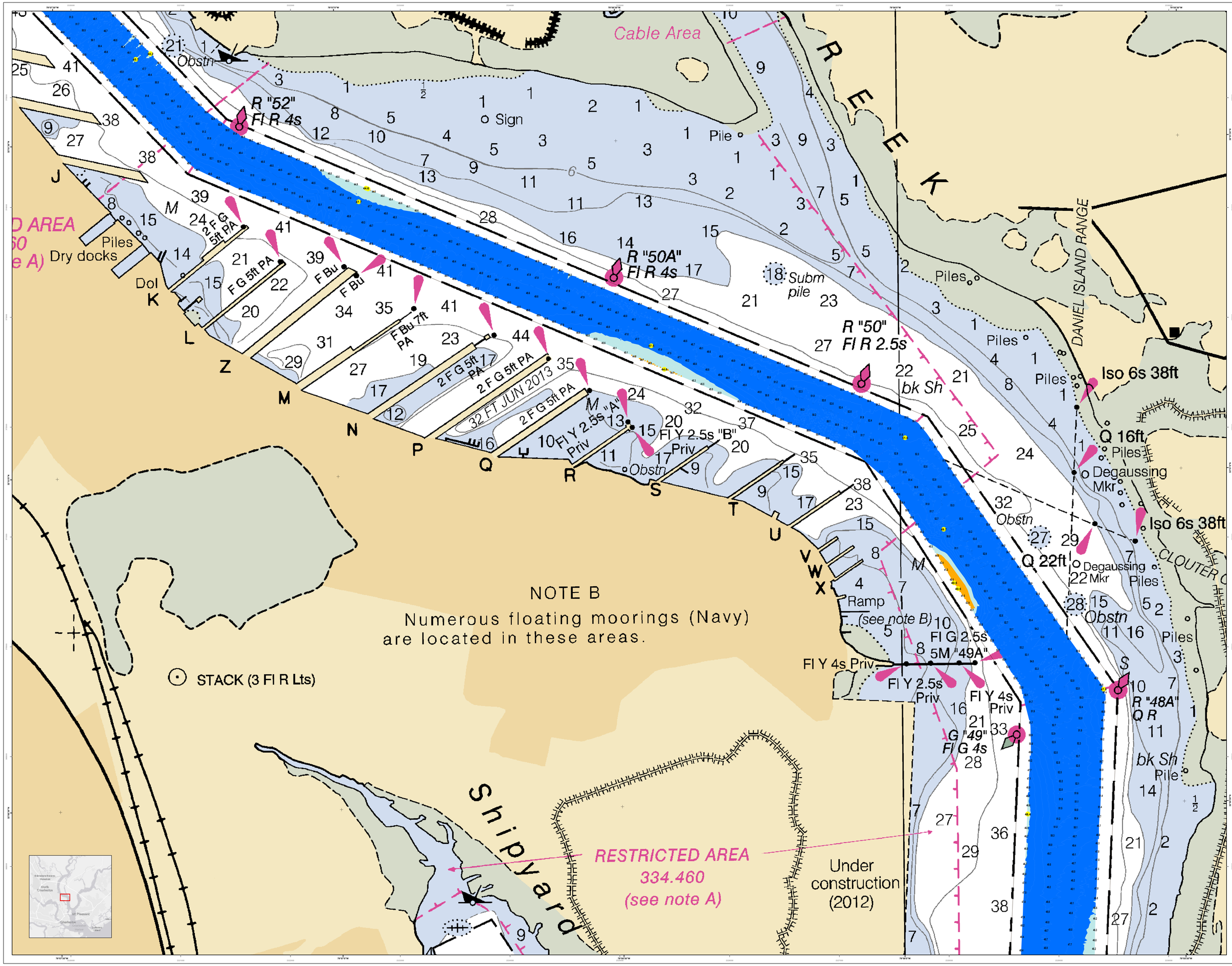

Shipyard Creek
RESTRICTED AREA
334.460
(see note A)
Under construction (2012)
STACK Dols
(SE OF TWO)
TANK
UPPER CHANNEL
Subm dols
23 ft 2004
Subm dols
23 ft rep 2009
25 ft rep 1997
Dols
Wk
Dols
Fl R 4s 16ft
5M "4"
Fl R 4s 12ft
5M "2"
LOWER CHANNEL
TURNING BASIN
30 FT 2018
39 FT 2014
Dolphins
Dols
Fl G 4s
Y "B"
Q Y
Y "A"
Fl Y 2.5s
Fl 4s 21ft 5M
Cable Area
Q G 12ft
Pile
Bkw
G "47A"
Fl G 2.5
Obstn Area (15 FT)
Fl 4s 4 ft
Priv
Fl 2.5s 4ft
Priv
bk Sh
Pile
RESTRICTED AREA
334.470
(see note A)
Cable Area
Piles
Sewer
Dols
Fl G 4s 22ft
5M "47"
Pile
Dike
Pipeline Area
R "48"
Fl R 4s
MYERS BEND
STACK
Marsh
U.S. Army Corps of Engineers
Charleston District
Production Notes:
1. Coordinate system used in this product is for plotting purposes only. Positions of features have not been surveyed conducted by the U.S. Army Corps of Engineers.
3. Soundings are in feet and tenths referenced to Mean Lower Low Water (MLLW).
Data Sources: USACE - NOAA RNC Map version 11G4
Feet
0 125 250 500 750 1,000
N
Depth in Feet
Less than 5.0
5.1 to 6.0
6.1 to 8.0
8.1 to 12.0
Greater than 12.0
USCG Buoys
Green
Red
White
Yellow
Federal Navigation Channel
Right TSS Line
Left TSS Line
USCG Light
Coast Guard Beacon
Legend
Bathymetric Sounding
Sounding may cover several navigation features or more than one sounding may be shown per charts scale area.
Obstruction
Wreck-Submerged
Wreck-Submerged
In no event shall the U.S. Army Corps of Engineers, Charleston District Office, Spatial Data Branch be liable for direct, indirect, incidental, special, consequential or exemplary damages, 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 materials. No warranty is made as to the accuracy of these datasets are accurate and reliable, errors and outside conditions may exist in the data supplied. Users should verify information suitability for their intended use. **Charts should not be used for navigation.**
Mariners are encouraged to use all prudent safety measures.
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA
SPATIAL DATA BRANCH
69A HAGOOD AVE
CHARLESTON, SC 29403
CESAC-ORS@USACE.ARMY.MIL
Designed By: eHydro Software v3.82
Reviewed By: Pending
Reviewed On: 11/1/08
Reference Scale: 1 inch = 250 feet
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet
Survey Date: 5 AUG 2020
Survey Type: CONDITION
Production Date: 12 AUG 2020
Project Reference Number: CHA-CP-CA-0010
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 indicative of the general conditions existing at that time.
Concluded on: 5 AUG 2020
Charleston, South Carolina
SHEET REFERENCE NUMBER
C002
SHEET 1 OF 5



U.S. Army Corps of Engineers
Charleston District

Production Notes:

In no event shall the U.S. Army Corps of Engineers, Charleston District Office, Spatial Data Branch be liable for direct, indirect, special, incidental, or consequential damages arising out of or in connection with the use of the data provided herein, including, but not limited to, loss of anticipated profits or benefits arising out of the use of this data, or any other cause.

These data sets have been developed from the best available source data and are subject to change without notice. While these datasets are accurate and reliable, errors and outside conditions may exist in the data supplied. Any conditions not apparent in the data supplied may exist. **These charts are not to be used for navigation.** **Mariners are encouraged to use all prudent safety measures.**

1. Coordinates are based on NAD 83 and are referenced to the Universal Transverse Mercator projection, Zone 17 North.
2. Soundings are in feet and tenths.
3. Soundings are referenced to the Mean Lower Low Water (MLLW) datum.

Data Source: USACE Charleston District, NOAA RNC, Ship survey 11124

N

0 125 250 500 750 1,000 Feet

Depth in Feet
- Greater than 15.0
- 9.1 to 15.0
- 6.1 to 9.0
- 4.1 to 6.0
- 2.1 to 4.0
- Greater than 12.0

USCG Buoys
- Green
- Red
- Red
- White

Fixed Navigation Channel
- Left TSS Line
- Right TSS Line

USCG Lights
- Yellow
- White

Coast Guard Buoys
- True Centerline

USCG Buoy
- Green
- Red
- Red
- White

Fixed Navigation Channel
- Left TSS Line
- Right TSS Line

USCG Lights
- Yellow
- White

Coast Guard Buoys
- True Centerline

Legend

Bottom Sounding
- Sounding
- Soundings may cover several adjacent quarter areas, just one is quoted

Obstructions
- Obstruction
- Wreck-Submerged

Designed By: eHydro Software v3.82	Absolute Scale: 1:2,000	Survey Date: 5 AUG 2020	Production Date: 12 AUG 2020
Reviewed By: CESAC		Project Reference Number: CHARLESTON 2010	
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
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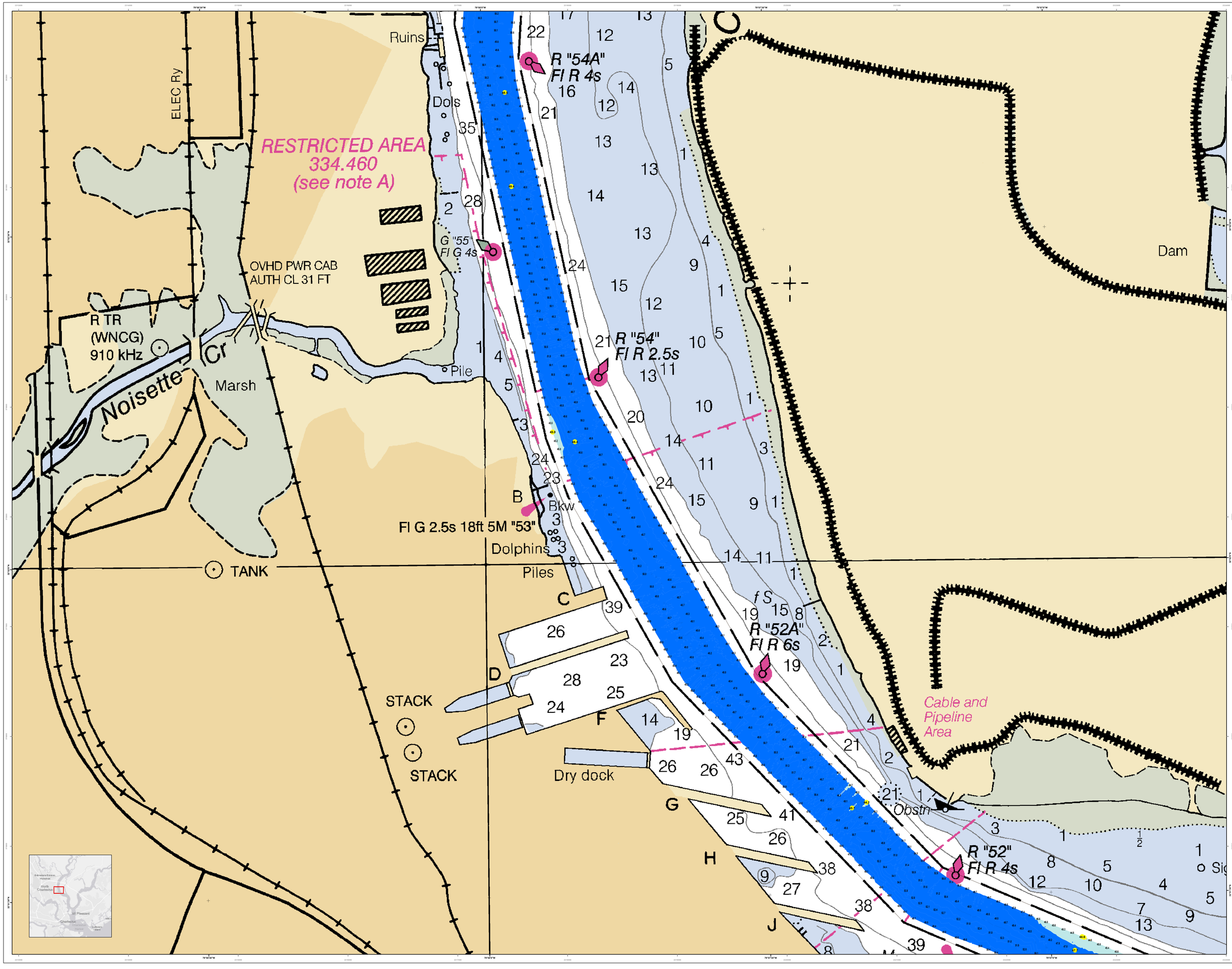
Charleston Upper Harbor Channel Survey
The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as accurate for the general conditions existing at that time.
Concluded on: **5 AUG 2020**

Charleston, South Carolina

SHEET REFERENCE NUMBER
C002

SHEET 2 OF 5



U.S. Army Corps of Engineers
Charleston District

Production Notes:
1. Depth data was collected by the Corps of Engineers and compiled into this product for planning purposes only.
2. Hydrographic survey data was collected using methods established by the Corps of Engineers and compiled in accordance with EM 1110-2-1003.
3. Soundings are in feet and tenths referenced to Mean Lower Low Water (MLLW).
4. Aids to Navigation are USCG Aids to Navigation 11524

N

0 125 250 500 750 1,000 Feet

Depth in Feet
- 0.0 to 4.9
- 5.0 to 6.9
- 7.0 to 8.9
- 9.0 to 12.9
- Greater than 13.0

Legend
- Sea Buoy
- Mooring
- Sounding may cover several buoys or moorings as per each buoy area
- Obstruction
- Wreck
- Danger
- Wreck-Submerged
- USCG Buoys
- Green
- Red
- White
- Yellow
- Private Navigation Channel Aids to Navigation
- Left TOC Line
- Right TOC Line
- True Centerline
- USCG Light
- Coast Guard Room

In no event shall the U.S. Army Corps of Engineers, Charleston District Office, Spatial Data Branch be liable for direct, indirect, incidental, consequential, special or exemplary 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 materials. No warranty is made as to the accuracy of the data, datums are accurate and reliable, errors and outside conditions may exist that are not reflected on the chart. Navigation is at the user's own risk. **Charts are not intended to be used for navigation. Mariners are encouraged to use all prudent safety measures.**

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CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

SPATIAL DATA BRANCH
69A HAGOOD AVE
CHARLESTON, SC 29403
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Designed By: eHydro Software v3.82
Reviewed By: Joscelle Scale
Date: 12/1/2020
Reference Scale: 1 inch = 250 feet
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet

Survey Date: 5 AUG 2020
Project Reference Number: CHA-20-04-0010
Survey Type: CONDITION

Production Date: 12 AUG 2020

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 accurate for the general conditions existing at that time.

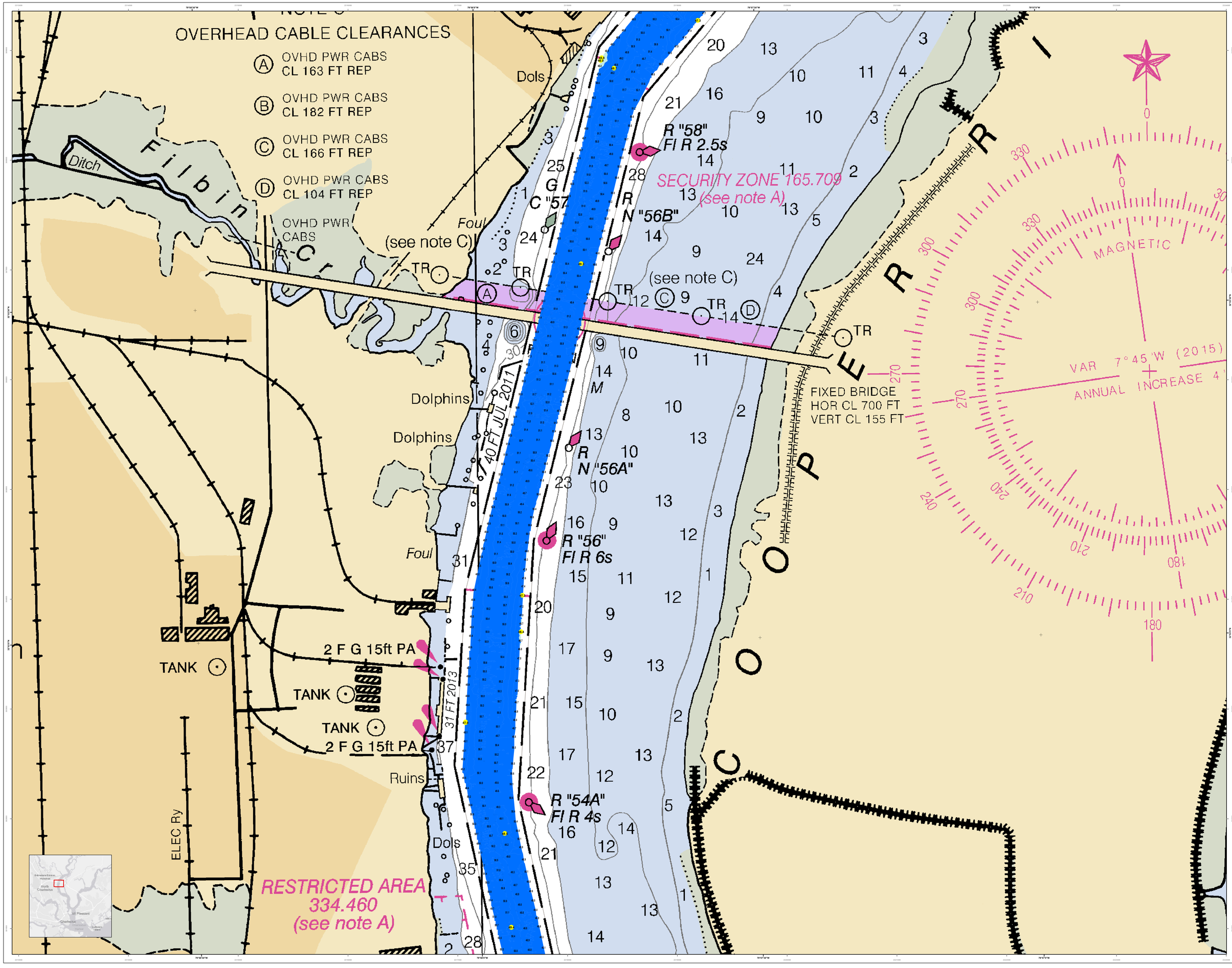
Concluded on: **5 AUG 2020**

Charleston, South Carolina

SHEET REFERENCE NUMBER

C002

SHEET 3 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 sources. We make no warranties, guarantees or representations as to the suitability of the information contained in these data sets for any purpose. Some features depicted may not be in their exact location, or may not exist at all. Questions as to the accuracy of the data should be directed to the data supplier.

This map is not to be used for navigation.

Mariners are encouraged to use all prudent safety measures.

1. Coordinate system: NAD 1983 StatePlane South Carolina FIPS 3900 Feet
2. Soundings are in feet and tenths.
3. Soundings are referenced to Mean Low Low Water (MLLW).

Data Sources: Hydrographic Survey - NOAA RNC Aerial Photography - NOAA RNC Map Service 11504

Legend

Soundings: Sounding

Sounding may occur several times in survey area, but only one sounding per area is depicted

Obstructions: Obstruction

Wreck (Submerged)

USCG Buoys: Green, Red, White

USCG Beacons: Green, Red, White, Yellow

Federal Navigation Channel: Left TSS Line, Right TSS Line, True Centerline

USCG Light, Coast Guard Recon

Depth in Feet: Less than 3.0, 3.1 to 6.0, 6.1 to 8.0, 8.1 to 12.0, Greater than 12.0

N

0 125 250 500 750 1,000 Feet

Designed By: eHydro Software v3.82	Production Date: 12 AUG 2020
Reviewed By: DWM	Survey Date: 5 AUG 2020
Approved By: DWM	Ascendo Scale: 1:2,000
Project Reference Number: CESAC-HDC-2020-0010	
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 29403

SPATIAL DATA BRANCH
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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.

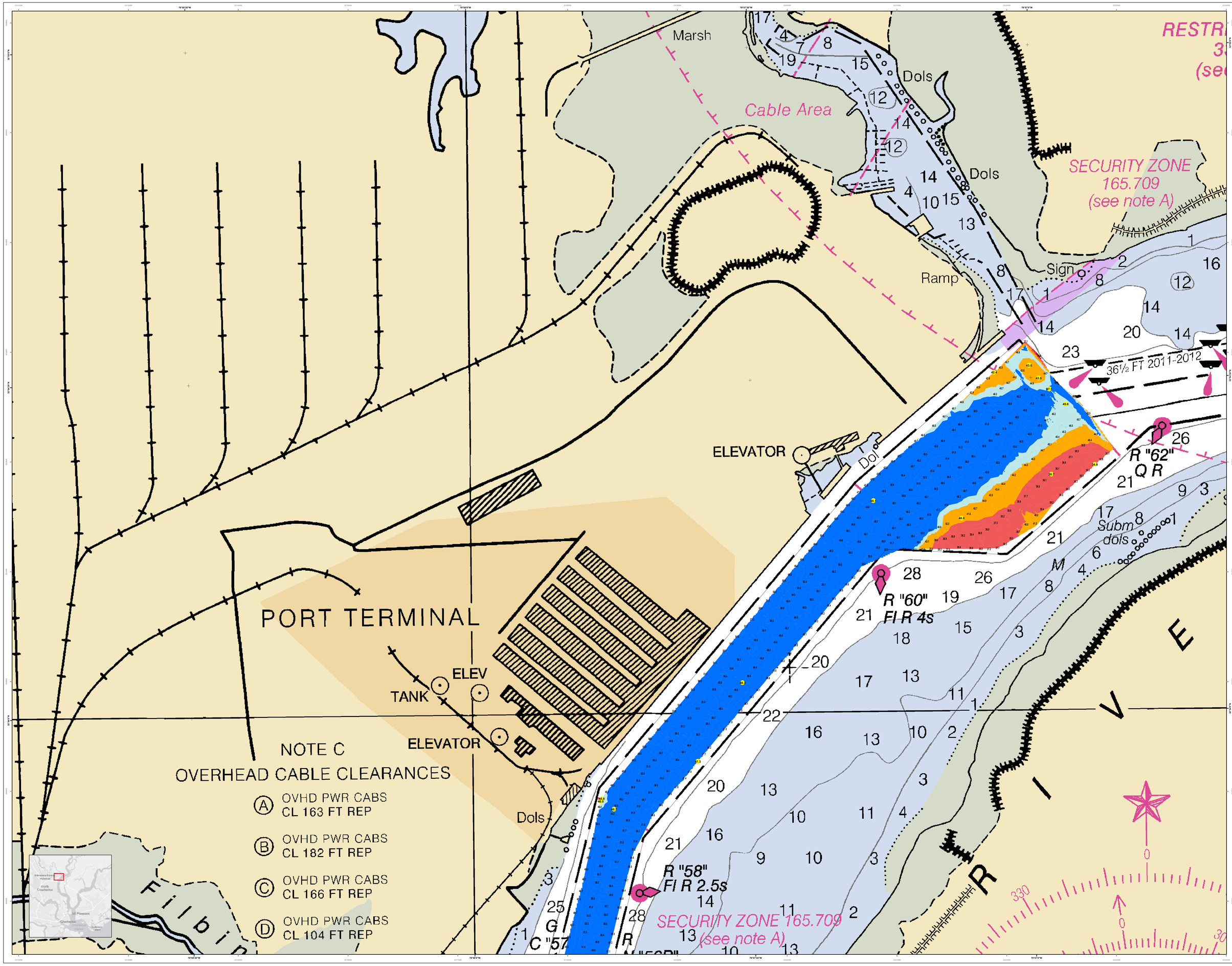
Concluded on: **5 AUG 2020**

Charleston, South Carolina

SHEET REFERENCE NUMBER

C002

SHEET 4 OF 5



U.S. Army Corps of Engineers
Charleston District

Production Notes:

1. Depth data shown on this product is for planing purposes only. Soundings are based on data from surveys conducted by the U.S. Army Corps of Engineers.
2. Soundings are in feet and tenths referenced to Mean Lower Low Water (MLLW).
3. Datum: NAD 83 - Vertical Datum: NGVD 29 - Horizontal Datum: NAD83 - Map service: ESG4

Legend

Survey Sounding
Soundings may cover several days and may not be representative of conditions existing at that time.

Obstructions
Wreck
Obstruction

Depth in Feet
0.0 to 4.9
5.1 to 6.0
6.1 to 8.0
8.1 to 10.0
Greater than 10.0

USCG Buoys
Green
Red
White

Federal Navigation Channel
Left TOE Line
Right TOE Line
True Centerline

USCG Beacons
Green
Red
White
Yellow
USCG Light
Coast Guard Range
Wreck-Submerged

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These data sets have been developed from the best available source materials. No warranty is made as to the accuracy of these datasets are accurate and reliable, errors and outside conditions, unknown obstructions, and other hazards may not be reflected or reflected in the data supplied.

This product is not intended to be used for navigation. Mariners are encouraged to use all prudent safety measures.

Designed By: dHydro Software v3.82	Survey Date: 5 AUG 2020	Production Date: 12 AUG 2020	
Reviewed By: CCM	Absolute Scale: 1:2,000	Project Reference Number: CESAC-2020-0010	
Reference Scale: 1 inch = 250 feet	Survey Type: CONDITION		
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet			

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Charleston Upper Harbor Channel Survey
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Concluded on: **5 AUG 2020**
Charleston, South Carolina

SHEET REFERENCE NUMBER
C002
SHEET 5 OF 5