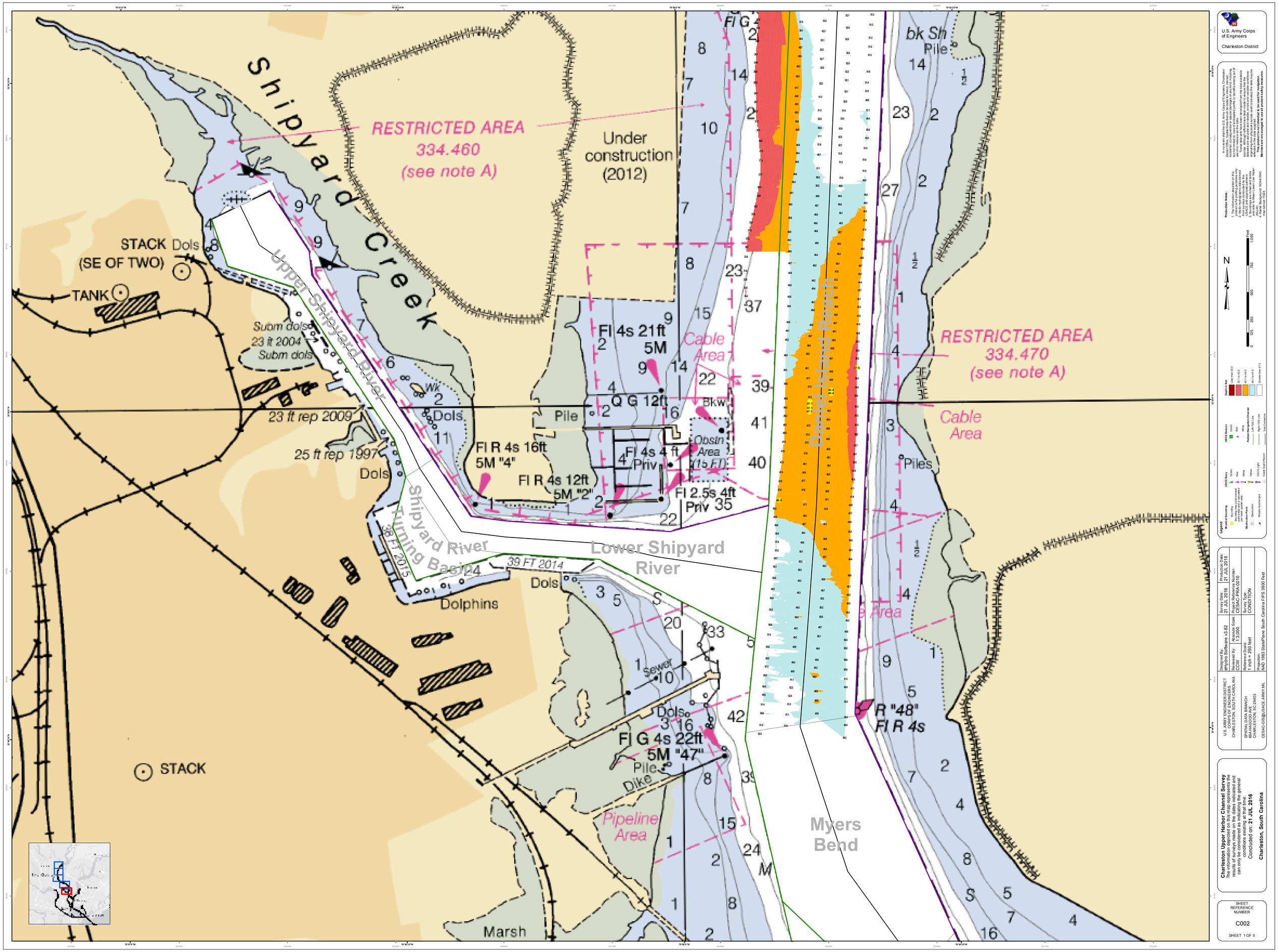
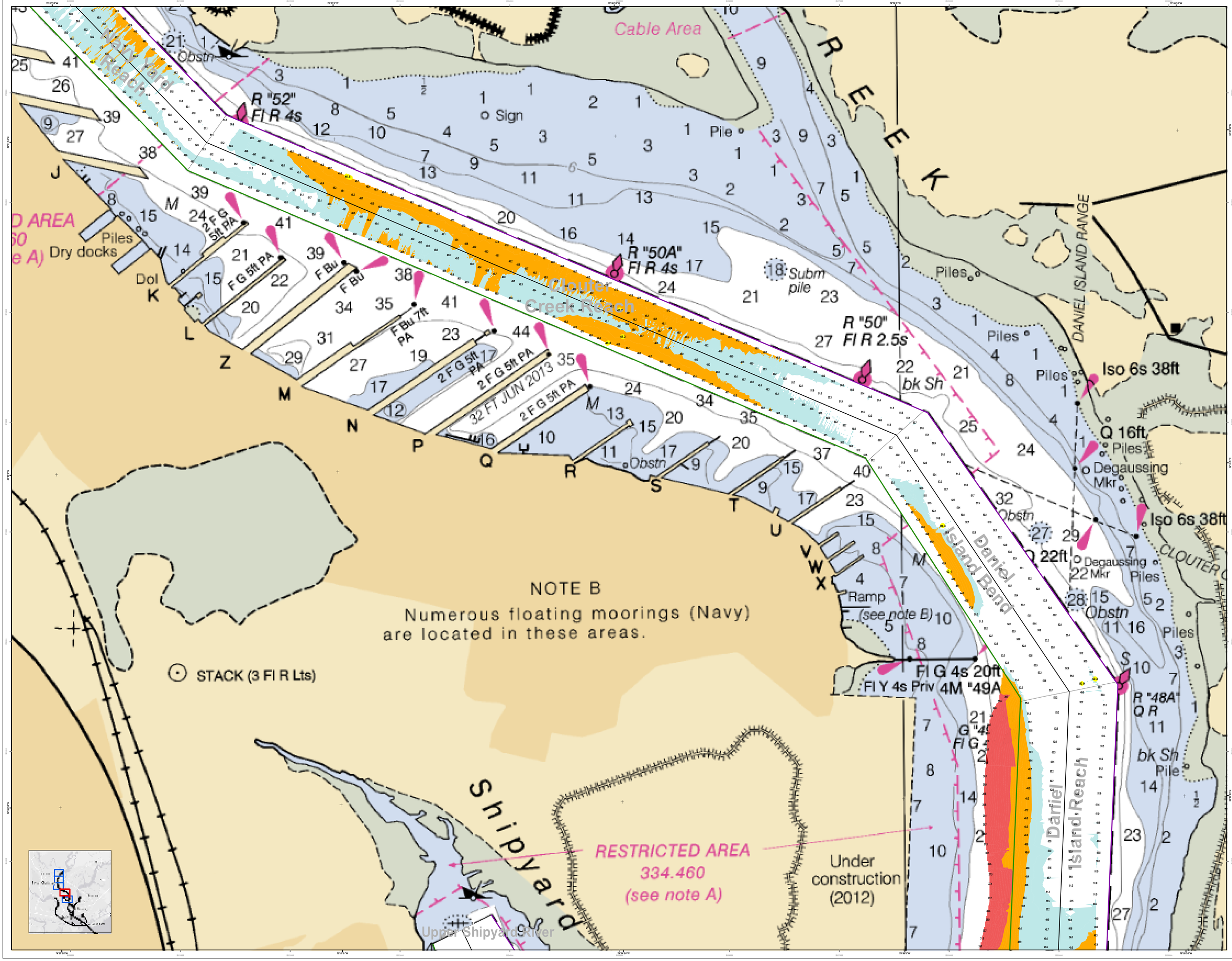


U.S. Army Corps of Engineers
Charleston District

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 indicating the general conditions existing at that time.
Concluded on: 21 JUL 2016
Charleston, South Carolina

SHEET REFERENCE NUMBER
C002
SHEET 1 OF 5



Cable Area
Bay Yard Reach
R "52"
Fl R 4s
R "50A"
Fl R 4s
R "50"
Fl R 2.5s
Creek Reach
Daniel Island Bend
Daniel Island Reach
DANIEL ISLAND RANGE
Iso 6s 38ft
Q 16ft
Degaussing Mkr
Q 22ft
Fl G 4s 20ft
Fl Y 4s Priv
4M "49A
R "48A"
Q R
Ramp
(see note B)
Dry docks
Piles
Dol
Obstn
Sign
Pile
Subm pile
bk Sh
F Bu
F G 5ft PA
F Bu 7ft PA
2 F G 5ft PA
32 FT JUN 2013
NOTE B
Numerous floating moorings (Navy) are located in these areas.
STACK (3 Fl R Lts)
Shipyard
RESTRICTED AREA
334.460
(see note A)
Under construction (2012)
Upper Shipyard River
U.S. Army Corps of Engineers
Charleston District
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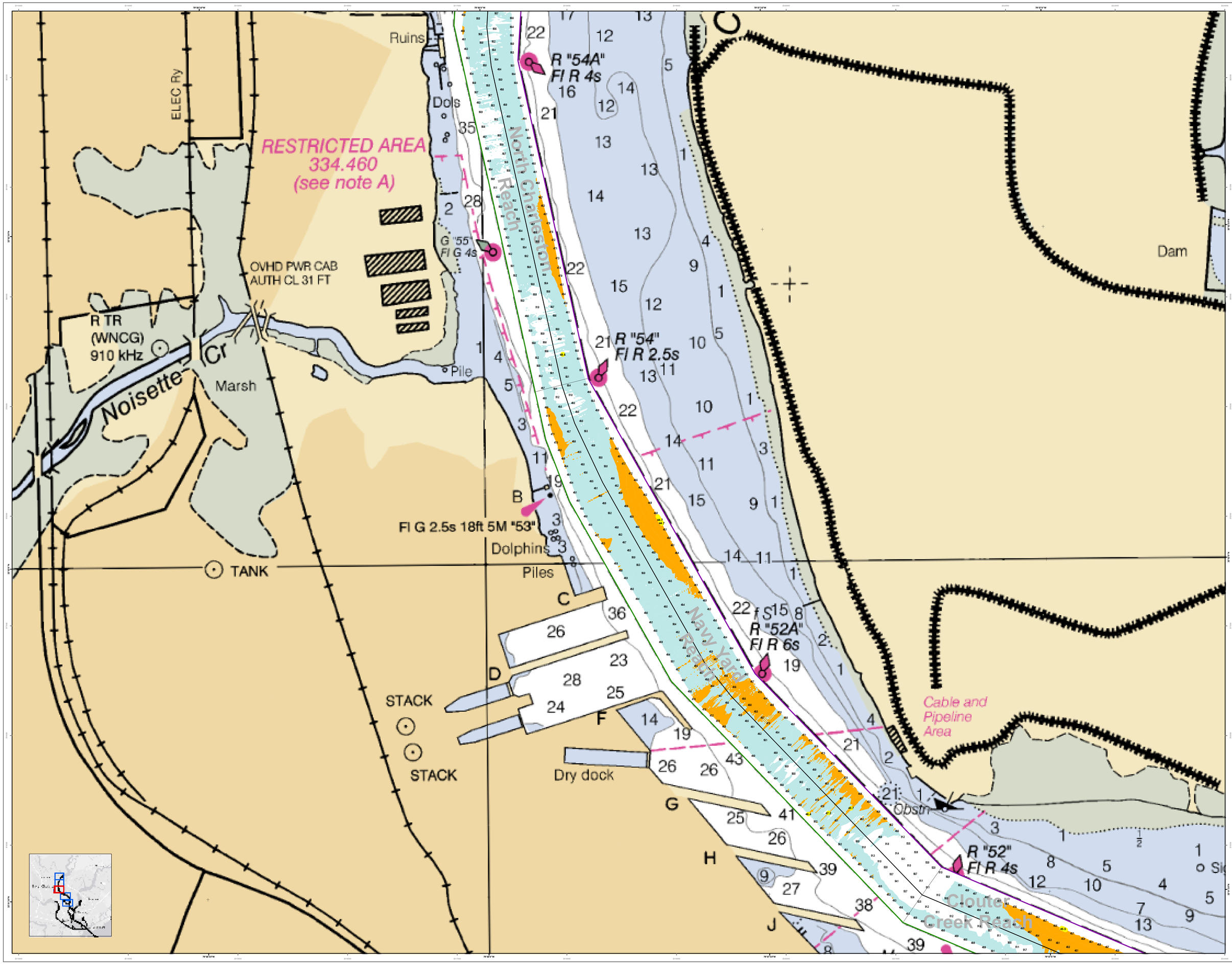
Concluded on: 21 JUL 2016
Charleston, South Carolina
SHEET REFERENCE NUMBER
C002
SHEET 2 OF 5



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. No guarantee is made as to how current or how accurate these datasets are, accurate and reliable, errors and variable conditions are to be expected. Mariners are encouraged to use all prudent safety measures, as defined in the USA Supplement.

This product is not intended to be used for navigation.

Mariners are encouraged to use all prudent safety measures.

Data Source: Hydro Survey, Topo Survey, Aerial Photography, Field Survey, Other Sources

Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet

Reference Scale: 1 inch = 250 feet

Survey Type: CONDITION

Survey Date: 21 JUL 2016

Production Date: 21 JUL 2016

Project Reference Number: CESAC-OR-B-2016-0170

Resource Scale: 1:12,000

Reviewed By:

Designed By: eHydro Software v3.82

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

SPATIAL DATA BRANCH
69 ATWOOD AVE
CHARLESTON, SC 29403

CESAC-OR@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 represent what was available in general conditions existing at that time.

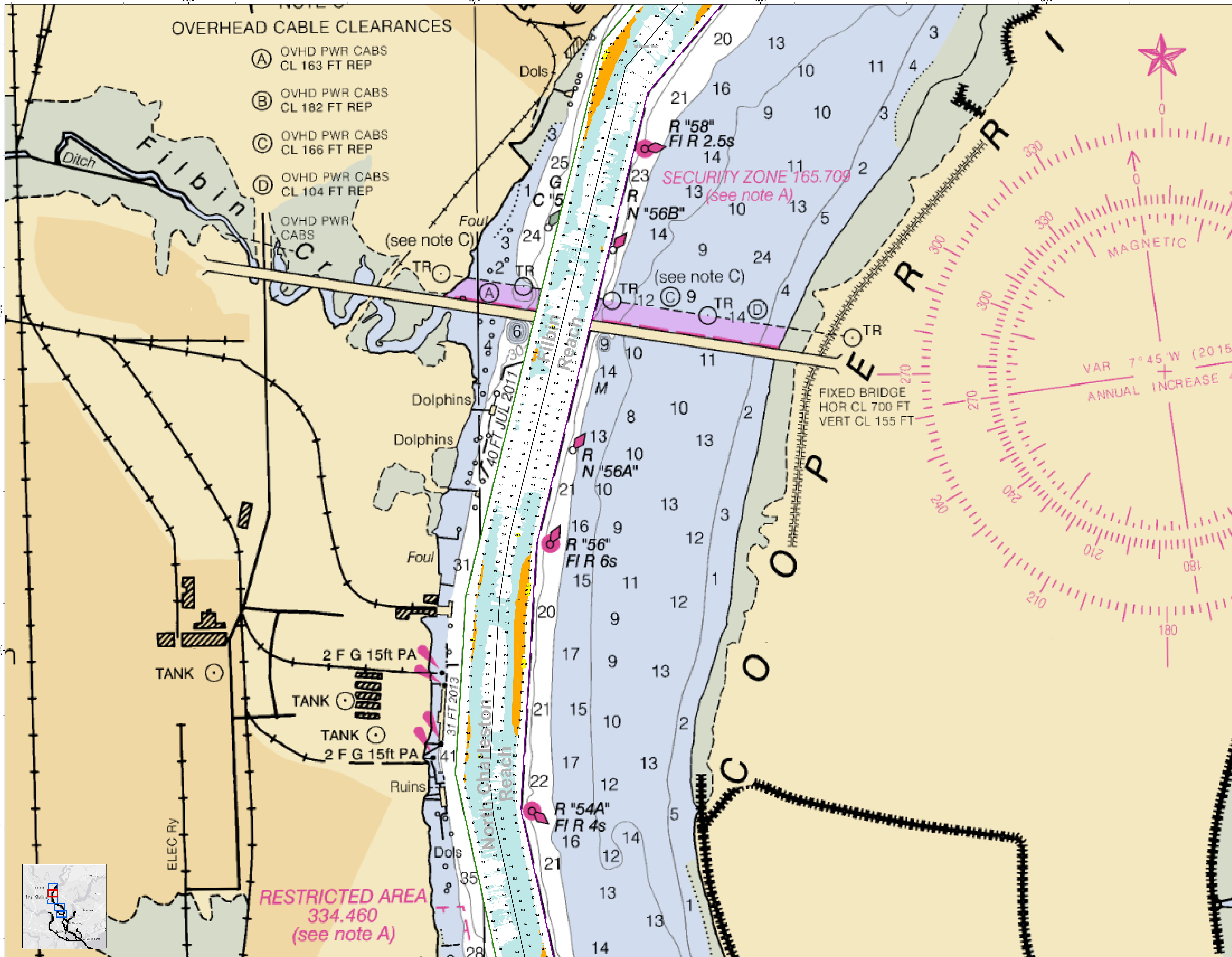
Concluded on: **21 JUL 2016**

Charleston, South Carolina

SHEET REFERENCE NUMBER

C002

SHEET 3 OF 5



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

Production Notes:

1. The information depicted on this product is for plotting purposes only
2. Vector hydrographic data derived from surveys conducted by the USACE and approved partners
3. Soundings are in feet and tenths and refer to Mean Lower Low Water (MLLW)
4. Raster Background: NOAA RNC map service 11524

N

Feet: 0, 125, 250, 500, 750, 1,000

Depth in feet
- Less than 35.0
- 35.1 to 40.0
- 40.1 to 45.0
- 45.1 to 47.0
- Greater than 47.0

USCG Beacon: Green, Red, White

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

Legend

Shoalest Sounding: Sounding — *Sounding may cover several point areas and is calculated per each quarter area.*

Obstruction Point: Obstruction, Wrecks-Submerged

USCG Buoy: Green, Red, White, Yellow, USCG Light, Coast Guard Racon

Designed By: eHydro Software v3.82	Survey Date: 21 JUL 2016 / Production Date: 21 JUL 2016
Reviewed By: CCW / Absolute Scale: 1:3,000	Project Reference Number: CESAC-PRA-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

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Charleston Upper Harbor Channel Survey
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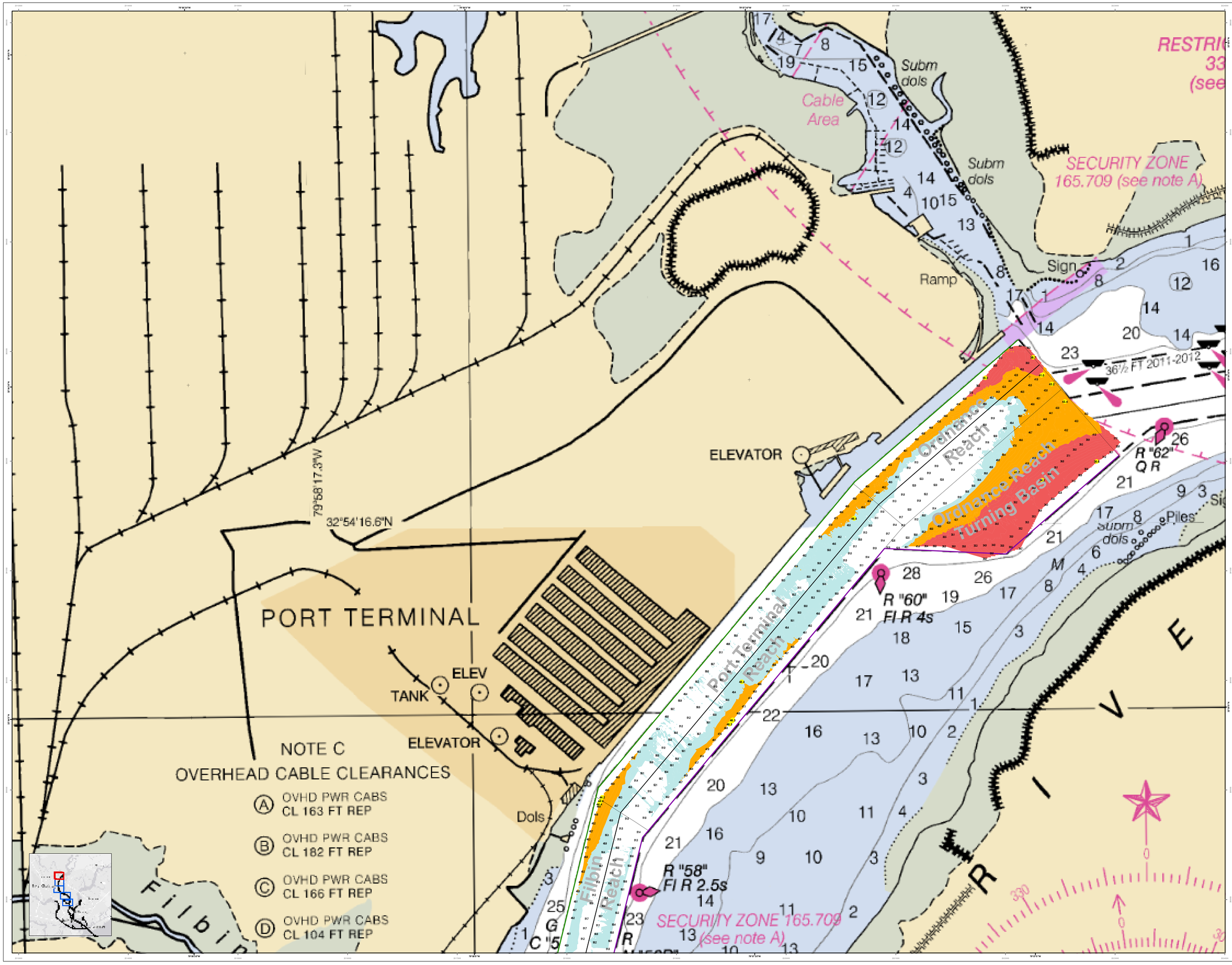
Concluded on: **21 JUL 2016**

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. No guarantee is made as to the accuracy, reliability, or completeness of these data. Users should be aware that changes may have occurred since these data were collected and that some information may be outdated or inaccurate. Without field verification, no warranty is made as to the suitability of this data for navigation.

This chart is not intended to be used for navigation.

Mariners are encouraged to use all prudent safety measures.

1. Depths are in feet and tenths.
2. Soundings are in feet and tenths.
3. Coordinates are in Latitude and Longitude, NAD,1927. The Datum is Mean Low Water.

Prepared on 11/2014

N

0 15 30 60 90 120 Feet

Depth's feet

0.0 to 3.0	
3.1 to 6.0	
6.1 to 9.0	
9.1 to 12.0	
Greater than 12.0	

USCG Beacon

Green	
Red	
White	

Fixed Navigation Channel

Right TSS Line	
Left TSS Line	

USCG Buoy

Green	
Red	
White	
Yellow	

USCG Light

Coast Guard Route

Legend

Breakwater/Groyning

Groyning

Groyning may cross several depth areas, depicted as part inside quarter area

Obstructions

Obstruction

Wreck (Submerged)

Wreck (Submerged)

Top Centerline

Survey Date: 21 JUL 2016	Production Date: 21 JUL 2016
Project Reference Number: CHARLESTON 2016	
Survey Type: CONDITION	

Designed By: eHydro Software v3.82
Reviewed By: CWA
Approved By: CWA
Approvals Scale: 1:12,000
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
CWA

SPATIAL DATA BRANCH
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Charleston Upper Harbor Channel Survey

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Charleston, South Carolina

SHEET REFERENCE NUMBER

C002

SHEET 5 OF 5