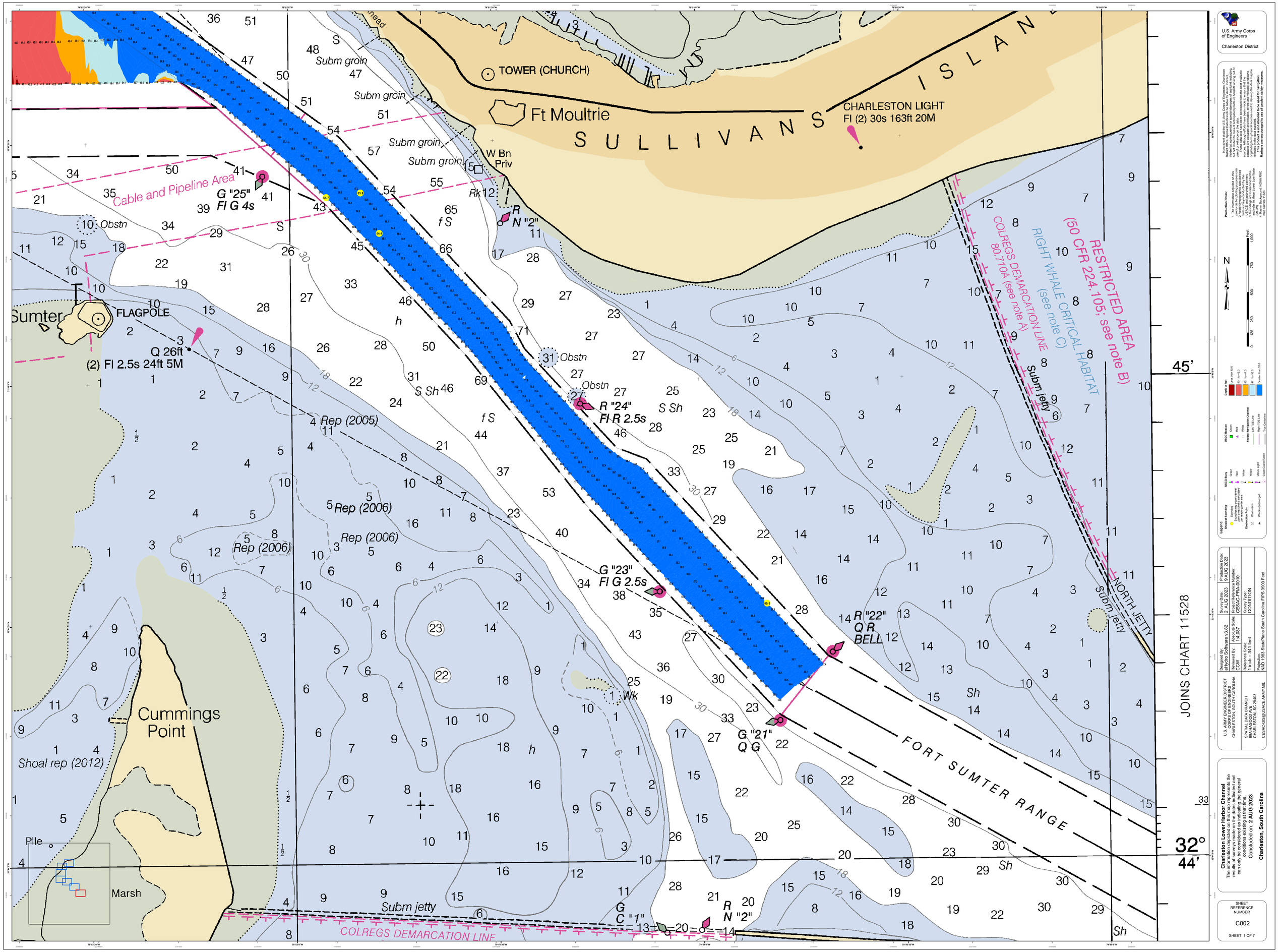
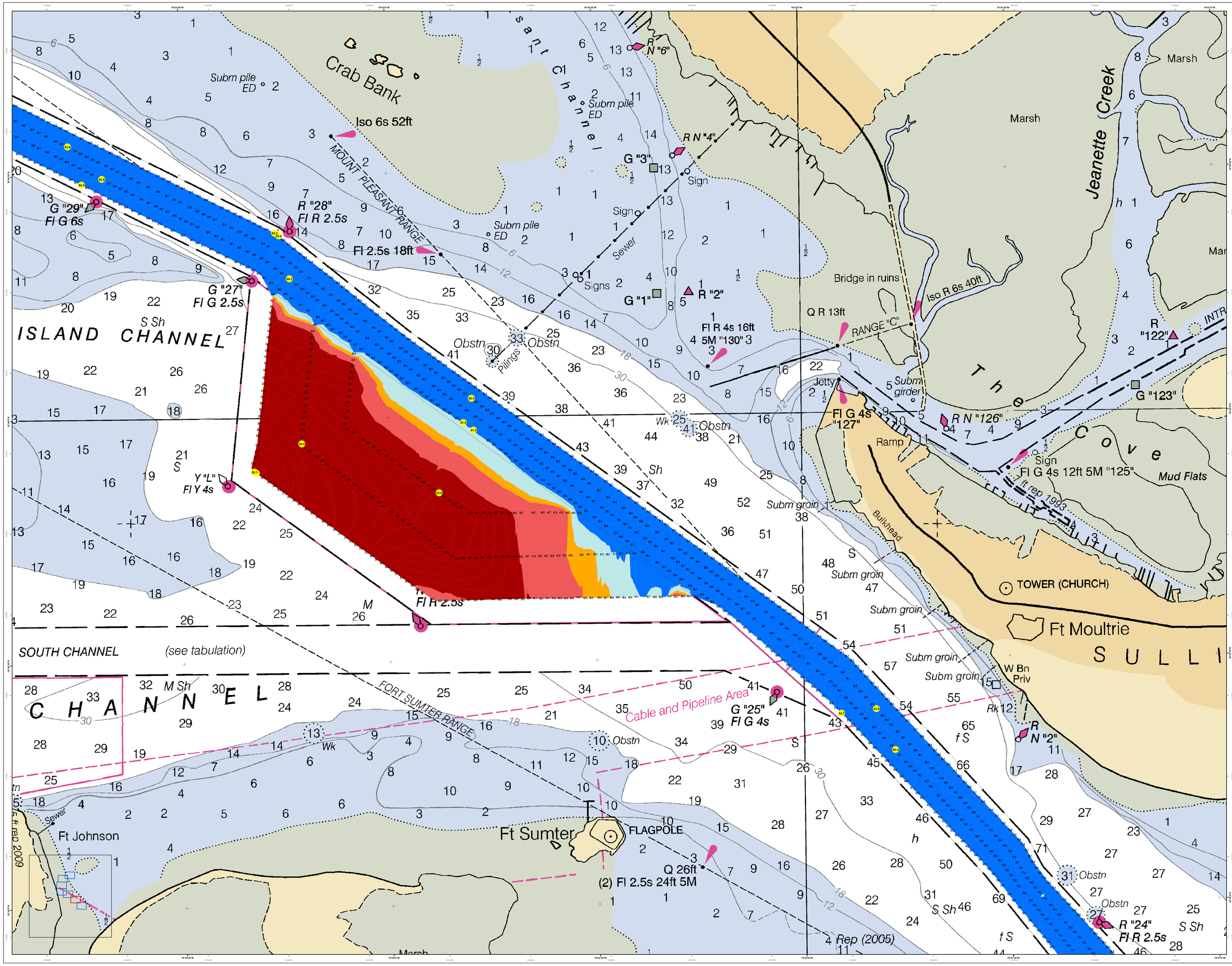

TOWER (CHURCH)
Ft Moultrie
SULLIVANS ISLAND
CHARLESTON LIGHT
Fl (2) 30s 163ft 20M
Subm groin
W Bn
Priv
Cable and Pipeline Area
G "25"
Fl G 4s
R
N "2"
Obstn
Sumter
FLAGPOLE
Q 26ft
(2) Fl 2.5s 24ft 5M
Rep (2005)
Rep (2006)
R "24"
Fl R 2.5s
G "23"
Fl G 2.5s
R "22"
Q R
BELL
G "21"
Q G
G
C "1"
R
N "2"
Cummings
Point
Shoal rep (2012)
Pile
Marsh
Subm jetty
COLREGS DEMARCATION LINE
RESTRICTED AREA
(50 CFR 224.105; see note B)
RIGHT WHALE CRITICAL HABITAT
(see note C)
COLREGS DEMARCATION LINE
80.710A (see note A)
NORTH JETTY
FORT SUMTER RANGE
JOINS CHART 11528
45'
32°
44'
U.S. Army Corps of Engineers
Charleston District
Production Notes:
Legend
Charleston Lower Harbor Channel
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: 2 AUG 2023
Charleston, South Carolina
SHEET REFERENCE NUMBER
C002
SHEET 1 OF 7



U.S. Army Corps of Engineers
Charleston District

Production Notes:
1. Depths and soundings shown on this product are for planning purposes only. Products for planning purposes only may not be suitable for navigation. Surveys conducted by the Charleston District are referenced to mean low water (MLW).
2. Soundings are in feet and tenths. Elevations are in feet and tenths.
3. Soundings are in feet and tenths. Elevations are in feet and tenths.
Datum: Mean Lower Low Water (MLLW)
Vertical Datum: NAVD88 / PVD01
Map version 1124

Legend
Soundings
Depth Contours
Soundings may cover another depth contour or be spaced per each quarter area
Obstructions
Dangers
Wreck
Wreck (Submerged)

Depth in Feet
0-1 (Drying)
0-1 to 4.0
4.1 to 6.0
6.1 to 12.0
12.1 to 22.0
Greater than 22.0

USCG Buoys
Green
Red
White
Yellow
USCG Light

Federal Navigation Channel
Left 1700 Line
Right 1700 Line
True Centerline

Scale: 1 inch = 341 feet
Feet: 0 125 250 500 750 1000

Survey Date: 2 AUG 2023
Production Date: 9 AUG 2023
Project Reference Number: CHA-23-0-0010
Survey Type: CONDITION

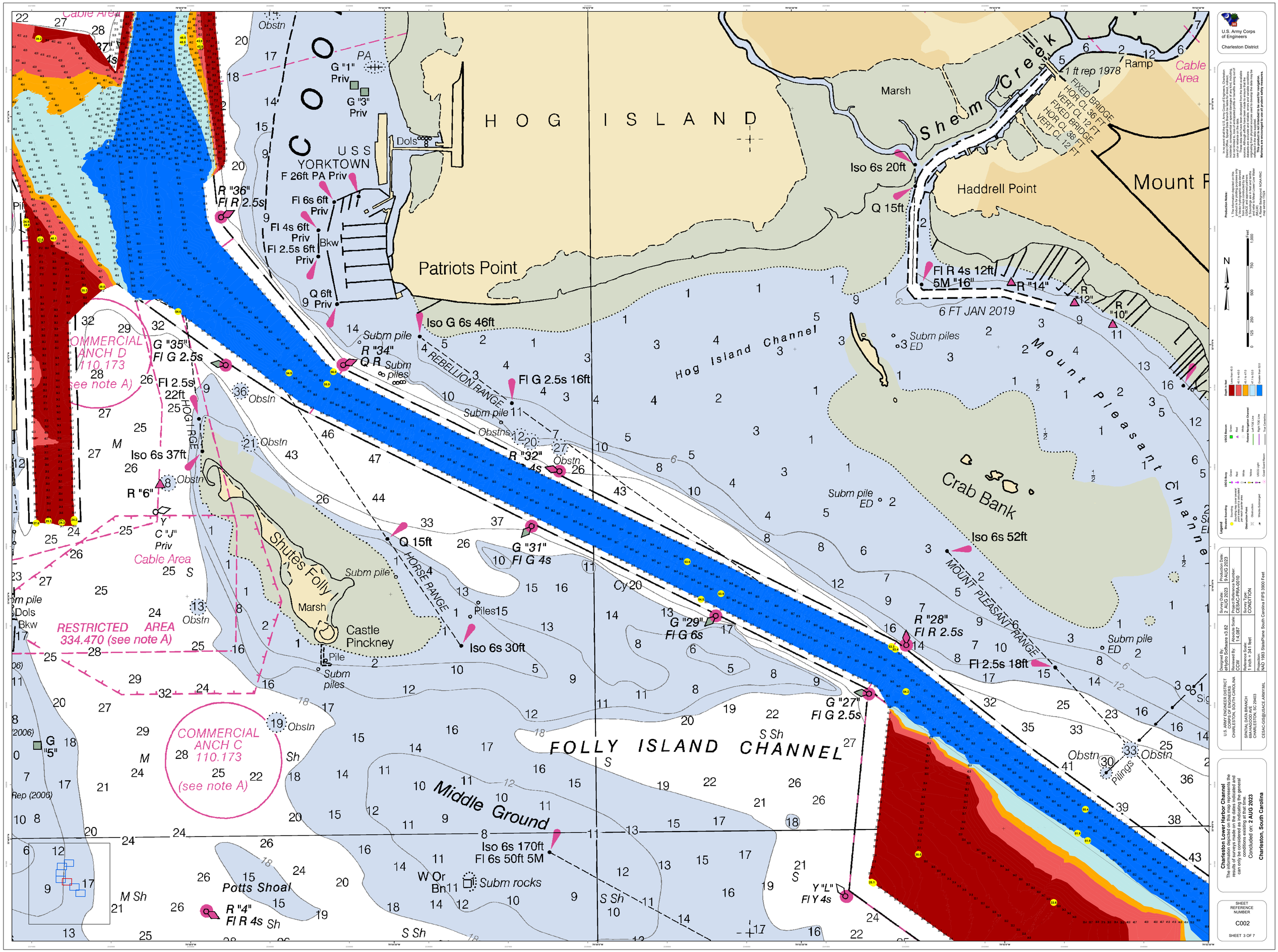
Designed By: eHydro Software v3.82
Reviewed By: Alexander Scale
Approved By: Paul Lightsey
Reference Scale: 1 inch = 341 feet
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet

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

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

Charleston Lower Harbor Channel
The information depicted on this map represents the results of surveys made on the dates indicated and can only represent conditions at that time. Navigation conditions existing at that time.
Concluded on: **2 AUG 2023**
Charleston, South Carolina

SHEET REFERENCE NUMBER
C002
SHEET 2 OF 7



U.S. Army Corps of Engineers
Charleston District

Production Notes:

1. Data used to produce this map meet only minimum requirements for plotting purposes only. Field verification of data has not been performed or completed by the U.S. Army Corps of Engineers and is not warranted for any other purpose.
2. Soundings are in feet and tenths referenced to Mean Lower Low Water (MLLW).
3. Datum: Horizontal - NAD83, Vertical - MLLW, Units - Feet, Map version 1124

N

0 125 250 500 750 1000 Feet

Depth in Feet
0.0 - 6.0
6.1 to 18.0
18.1 to 42.0
42.1 to 54.0
54.1 to 72.0
Greater than 72.0

USGS Buoys
Green
Red
White
Yellow
USCG Light
Coast Guard Recon

Federal Navigation Channel
Left 1700 Line
Right 1700 Line
True Centerline

Legend
Bathymetric Soundings
Soundings may cover several years and are collected as per each quarter area
Obstructions
Wreck
Wreck-Submerged

Designed By: ehydro Software v3.82
Reviewed By: Jack Hall
Reviewed By: Jack Hall
Project Reference Number: CHS-J1487
Survey Date: 2 AUG 2023
Survey Type: CONDITION
Production Date: 9 AUG 2023
Reference Scale: 1 inch = 341 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

Charleston Lower Harbor Channel

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.

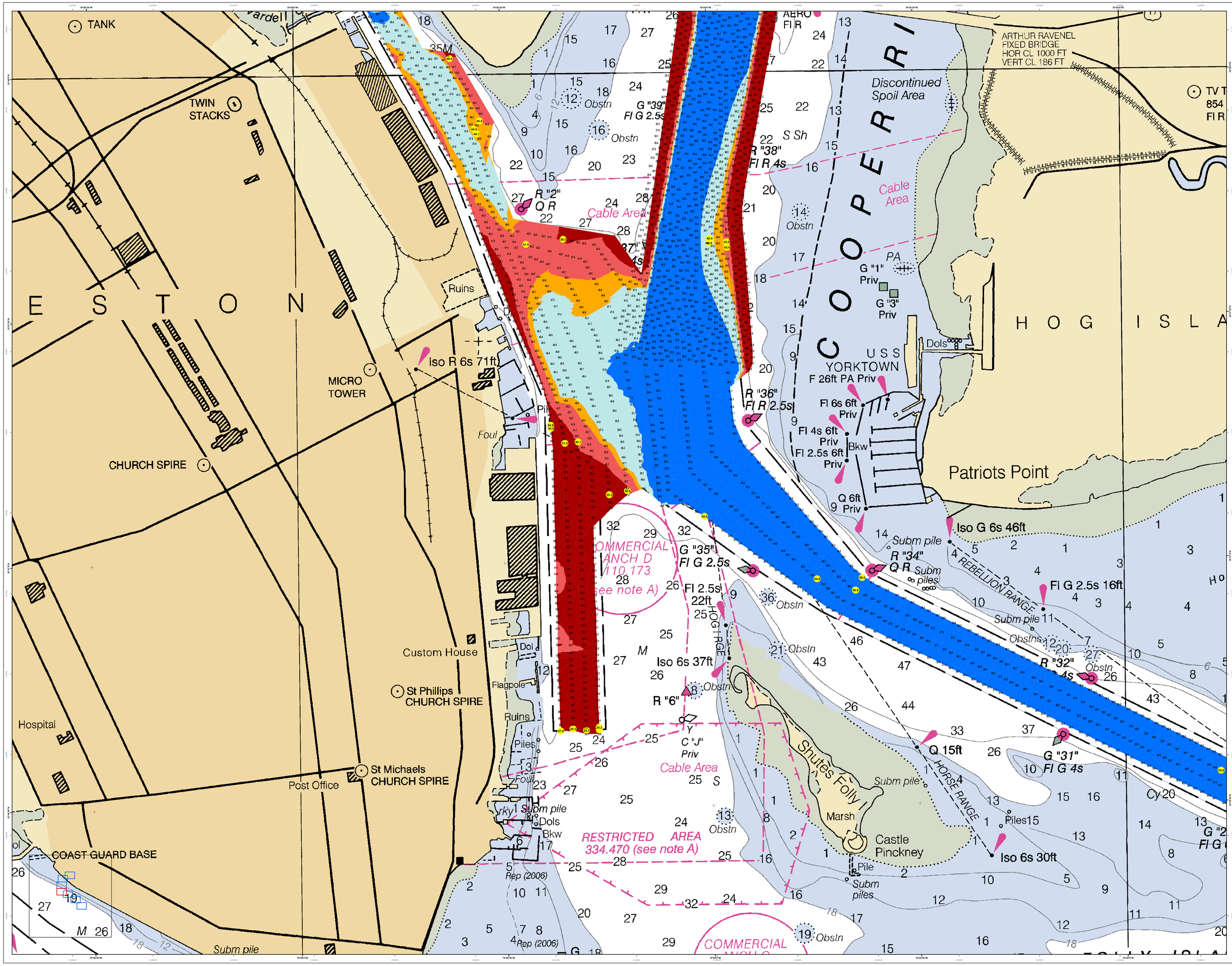
Concluded on: **2 AUG 2023**

Charleston, South Carolina

SHEET REFERENCE NUMBER

C002

SHEET 3 OF 7



U.S. Army Corps of Engineers
Charleston District

Production Notes:

1. Chart compiled using Hypack and its products for plotting purposes only.
2. Bathymetric data collected using Knox survey conducted by the Charleston District on 2 August 2023.
3. Soundings are in feet and tenths referenced to Mean Lower Low Water (MLLW).

Author: Jeremy Hogan, NOAA RNC
Map version 1124

N

0 125 250 500 750 1000 Feet

Depth in Feet
Drying Height (Above 0.0)
0.1 to 4.0
4.1 to 6.0
6.1 to 12.0
7.1 to 22.0
Greater than 22.0

USCG Buoys
Green
Red
White

Federal Navigation Channel
Left Edge
Right Edge
Centerline

USCG Buoys
Green
Red
White
Yellow
USCG Light
Coast Guard Racon

Legend
Selected Sounding
Soundings may cover several navigation features and/or be spaced far apart within a survey area.

Obstructions
Obstruction
Wreck/Submerged

Designed By: eHydro Software v3.82	Survey Date: 2 AUG 2023	Production Date: 9 AUG 2023	
Reviewed By: CESAC	Absolute Scale: 1:4,167	Project Reference Number: CESAC-CHS-2023-0010	
	Reference Scale: 1 inch = 341 feet	Survey Type: CONDITION	
	Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

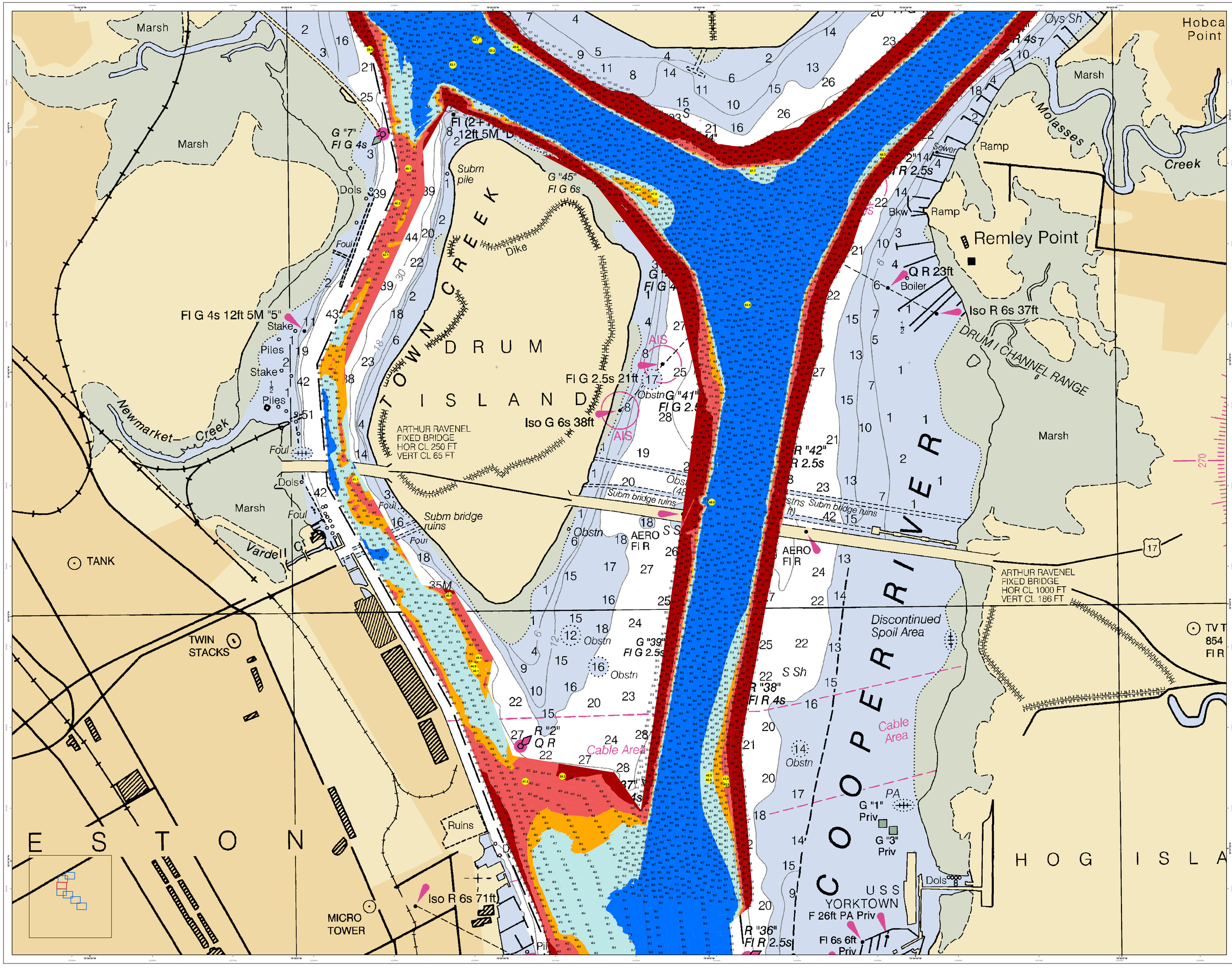
SPATIAL DATA BRANCH
69A HAGOOD AVE
CHARLESTON, SC 29403

CESAC-GIS@USACE.ARMY.MIL

Charleston Lower Harbor Channel
The information depicted on this map represents the results of surveys made on the dates indicated and can only represent the surveyed conditions existing at that time.
Concluded on: **2 AUG 2023**
Charleston, South Carolina

SHEET REFERENCE NUMBER
C002
SHEET 4 OF 7

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, 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. Users should be aware that, while most datasets are accurate and reliable, errors and variable conditions may exist in the source materials. Users should exercise caution when using these datasets.
This data is not intended to be used for navigation.
Mariners are encouraged to use all prudent safety measures.



U.S. Army Corps of Engineers
Charleston District

Production Notes:

1. Depths are referenced to the datum indicated in the legend.
2. Soundings are in feet and tenths.
3. Soundings are in feet and tenths.

Coordinate System: NAD 1983 Albers Lower Left Hand (NLLH)
Projection: Albers Conical Equal Area
Datum: North American Vertical Datum 1988 (NAVD 88)
Map version 1124

Legend

Bottom Sounding
Sounding
Sounding may cover several features or be offset from its position
Obstruction
Obstruction
Wreck
Wreck-Submerged

USCG Buoys
Green
Red
White
Green
Red
White
Yellow

Federal Navigation Channel
Project Depth
Right 700' Line
Left 700' Line
True Centerline

USCG Light
Lighted
Unlighted
Lighted
Unlighted

Depth in Feet
Less than 40.0
40.1 to 45.0
45.1 to 47.0
47.1 to 52.0
Greater than 52.0

Survey Date: 2 AUG 2023
Production Date: 9 AUG 2023
Project Reference Number: CHS-23-KA0701
Survey Type: CONDITION
Reference Scale: 1 inch = 341 feet
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet

Designed By: ehydro Software v3.82
Reviewed By: Alexander Scale
Date: 2023-08-09

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

SPATIAL DATA BRANCH
69A1 MCGOOD AVE
CHARLESTON, SC 29403

CESAC-GIS@USACE.ARMY.MIL

Charleston Lower Harbor Channel

The information depicted on this map represents the results of surveys made on the dates indicated and can only represent what was found under the prevailing conditions existing at that time.

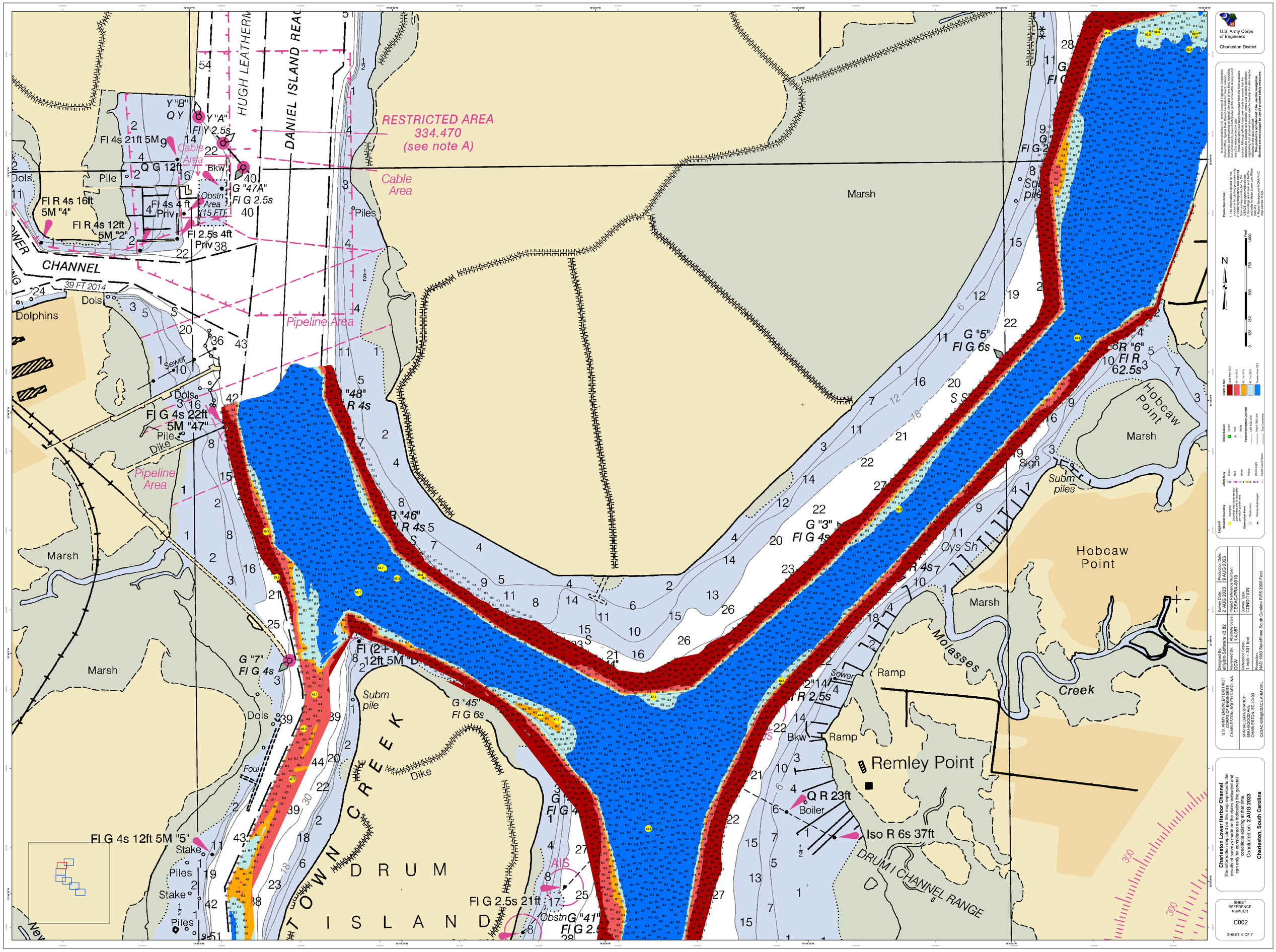
Concluded on: **2 AUG 2023**

Charleston, South Carolina

SHEET REFERENCE NUMBER

C002

SHEET 5 OF 7



U.S. Army Corps of Engineers
Charleston District

Production Notes:

1. Data sources used in the production of this chart include: Survey data provided by the District Office, Spatial Data Branch for general purpose navigation. Survey data provided from survey conducted by the Charleston District Office, Hydrographic Survey Branch and Spatial Data Branch.
2. Soundings are in feet and tenths referenced to Mean Lower Low Water (MLLW).
3. Geodetic datum is NAD83. Vertical datum is MLLW. Grid system is NAD83 State Plane South Carolina FIPS 3900 Feet.

Legend

Bottom Sounding

Sounding may cover several features or be displaced as per which sounder area

Obstructions

Wreck-Submerged

Wreck-Submerged

Depth in feet

0-6.1 ft Dark Blue
6.1 to 9.0 Green
9.1 to 18.3 Yellow
18.3 to 27.4 Orange
27.4 to 32.0 Red
Greater than 32.0 Gray

USCG Buoys

Green
Red
White

Federal Navigation Channel

Yellow
White

USCG Light

Right TSS Line
Left TSS Line

Dolphins

Dual Guard Room

True Centerline

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, but not limited to, loss of anticipated profits or benefits arising out of use of the data contained herein.

These data sets have been developed from the best available source data and are provided "as-is" and "where-is". While these datasets are accurate and reliable, errors and variable conditions may exist in the source data. Users should exercise caution when using the data sets. **Not intended to be used for navigation.**

Mariners are encouraged to use all prudent safety measures.

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Designed By: ehydro Software v3.82	Survey Date: 2 AUG 2023	Production Date: 9 AUG 2023
	Reviewed By: JAB	Absolute Scale: 1:4,167	Project Reference Number: CHS-23-0010
SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL	Reference Scale: 1 inch = 341 feet	Survey Type: CONDITION	
	Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

Charleston Lower Harbor Channel

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.

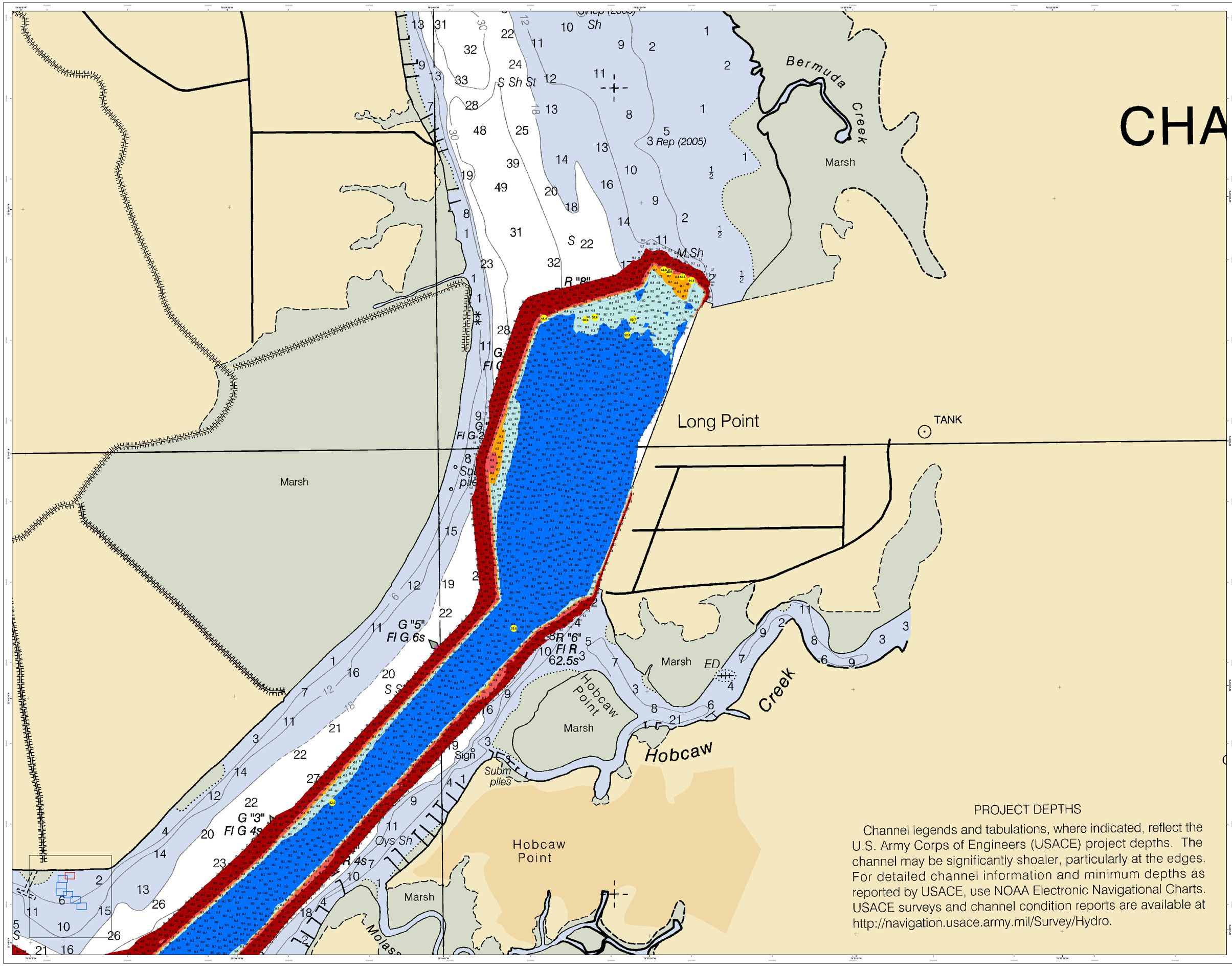
Concluded on: **2 AUG 2023**

Charleston, South Carolina

SHEET REFERENCE NUMBER

C002

SHEET 6 OF 7



PROJECT DEPTHS

Channel legends and tabulations, where indicated, reflect the U.S. Army Corps of Engineers (USACE) project depths. The channel may be significantly shoaler, particularly at the edges. For detailed channel information and minimum depths as reported by USACE, use NOAA Electronic Navigational Charts. USACE surveys and channel condition reports are available at http://navigation.usace.army.mil/Survey/Hydro.

U.S. Army Corps of Engineers
Charleston District

Production Notes:
1. Coordinate system used in this product is for plotting purposes only.
2. Bathymetric data was collected from surveys conducted by the Charleston District, Corps of Engineers.
3. Soundings are in feet and tenths referenced to Mean Lower Low Water (MLLW).
4. Layout created using NOAA RNC Map version 11C04

N

0 125 250 500 750 1,000 Feet

Depth in feet
- 0.0 to 40.0
- 40.1 to 45.0
- 45.1 to 47.0
- 47.1 to 52.0
- Greater than 52.0

USCG Buoys
- Green
- Red
- White

Federal Navigation Channel
- Left TSS Line
- Right TSS Line
- True Centerline

USCG Aids
- Green
- Red
- White
- Yellow
- USCG Light
- Quad Guard Racon

Legend
Station Sounding
Sounding may cover several stations and be displayed per each sounding area
Obstruction
Dolphin
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, exemplary, or consequential damages, including but not limited to, loss of anticipated profits or benefits arising out of use of the data contained on this map.
These data sets have been developed from the best available sources and are believed to be accurate and reliable. Although these datasets are accurate and reliable, errors and variable conditions may exist in the source data. Users should exercise caution when using the data for navigation purposes and should not rely on the data as the sole source of information reflected in the data sources.
This product is not intended to be used for navigation.
Mariners are encouraged to use all prudent safety measures.

Survey Date: 2 AUG 2023	Production Date: 9 AUG 2023
Designed By: eHydro Software v3.82	Reviewed By: Alpcubs Scale: 1:4,287
Reference Scale: 1 inch = 341 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
69A HAGOOD AVE
CHARLESTON, SC 29403
CESAC-GIS@USACE.ARMY.MIL

Charleston Lower Harbor Channel
This 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: **2 AUG 2023**
Charleston, South Carolina

SHEET REFERENCE NUMBER
C002
SHEET 7 OF 7