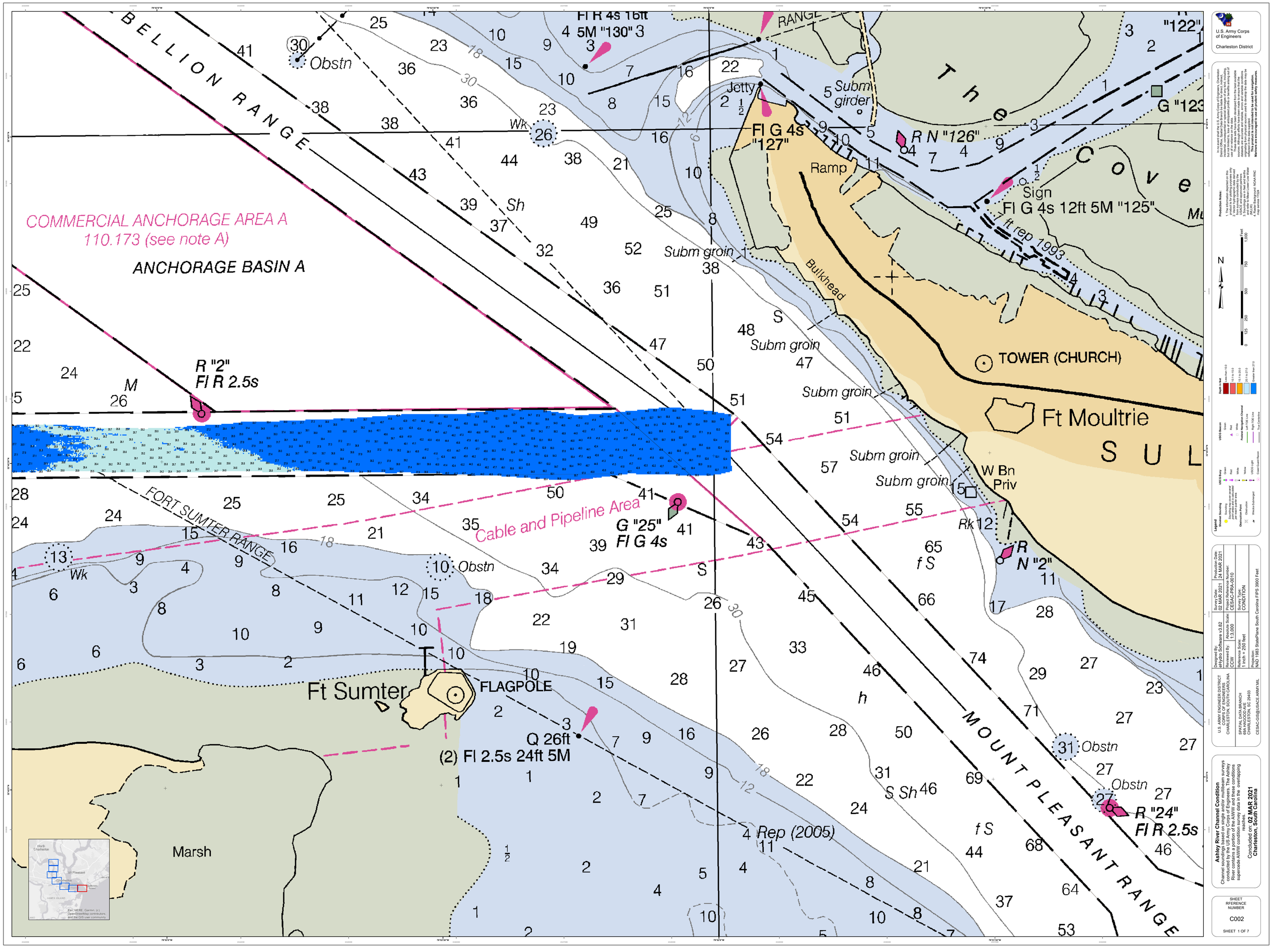
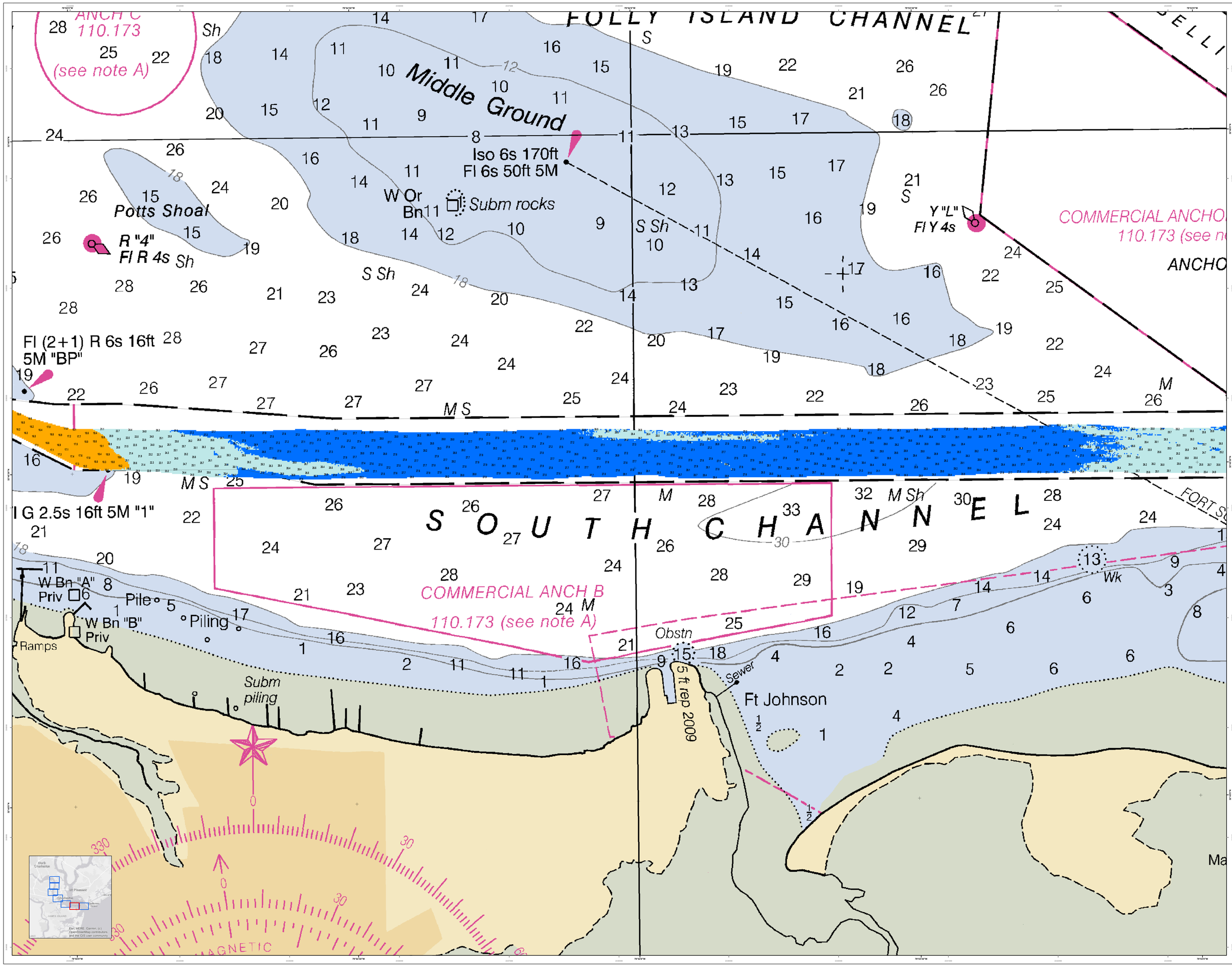

BELLION RANGE
Obstn
Wk
Fl R 4s 16ft
4 5M "130" 3
RANGE
Jetty
Subm girder
Fl G 4s
"127"
R N "126"
Ramp
Sign
Fl G 4s 12ft 5M "125"
1 ft rep 1993
The Cove
G "123
"122"
COMMERCIAL ANCHORAGE AREA A
110.173 (see note A)
ANCHORAGE BASIN A
Sh
Subm groin
Bulkhead
TOWER (CHURCH)
Ft Moultrie
R "2"
Fl R 2.5s
M
Subm groin
W Bn
Priv
FORT SUMTER RANGE
Cable and Pipeline Area
G "25"
Fl G 4s
Rk
R
N "2"
f S
Ft Sumter
FLAGPOLE
Q 26ft
(2) Fl 2.5s 24ft 5M
Marsh
Rep (2005)
S Sh
h
MOUNT PLEASANT RANGE
R "24"
Fl R 2.5s
U.S. Army Corps of Engineers
Charleston District
Ashley River Channel Condition
Channel soundings based on single and/or multibeam surveys conducted by the US Army Corps of Engineers. The Ashley River channel is divided into 7 sheets. Charts and sheets supersede AIWW condition survey data in the overlapping reaches.
Concluded on: 02 MAR 2021
Charleston, South Carolina
SHEET RFERENCE NUMBER
C002
SHEET 1 OF 7



U.S. Army Corps of Engineers
Charleston District

Production Notes:
1. Coordinates are based on the NAD83 datum and are to be plotted as for plotting purposes only.
2. Data in this survey was collected and processed by the Charleston District, USACE.
3. Soundings are in feet and tenths.
4. Datum: Mean Lower Low Water (MLLW)
5. Software: Caris HIPS and SIPS - NOAA PHC Ship version 11C4

Depth in feet: 0 to 5.0 / 5.1 to 10.0 / 10.1 to 15.0 / 15.1 to 20.0 / 20.1 to 27.0 / Greater than 27.0

USCG Beacon: Green / Red / White
Federal Navigation Channel: Right TSS Line / Left TSS Line / Two Way Traffic Line
USCG Buoy: Green / Red / White / Yellow / Red and Green / Red and White
USCG Light: Green / Red / White / Yellow
Legend: Sediment Sampling: Sounding may cover several sediment samples in one area / Sounding may cover several sediment samples in one area / Other Features: Obstruction / Wreck-Submerged / Coast Guard Buoy / 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 the use of this data.
These data sets have been developed from the best available source data and are subject to revision as new data becomes available. We cannot guarantee that the data sets are accurate and reliable, errors and outside conditions may exist that are not reflected in the data sets. Other data may exist that are not reflected in the data supplied.
This chart is not to be used for navigation.
Mariners are encouraged to use all prudent safety measures.

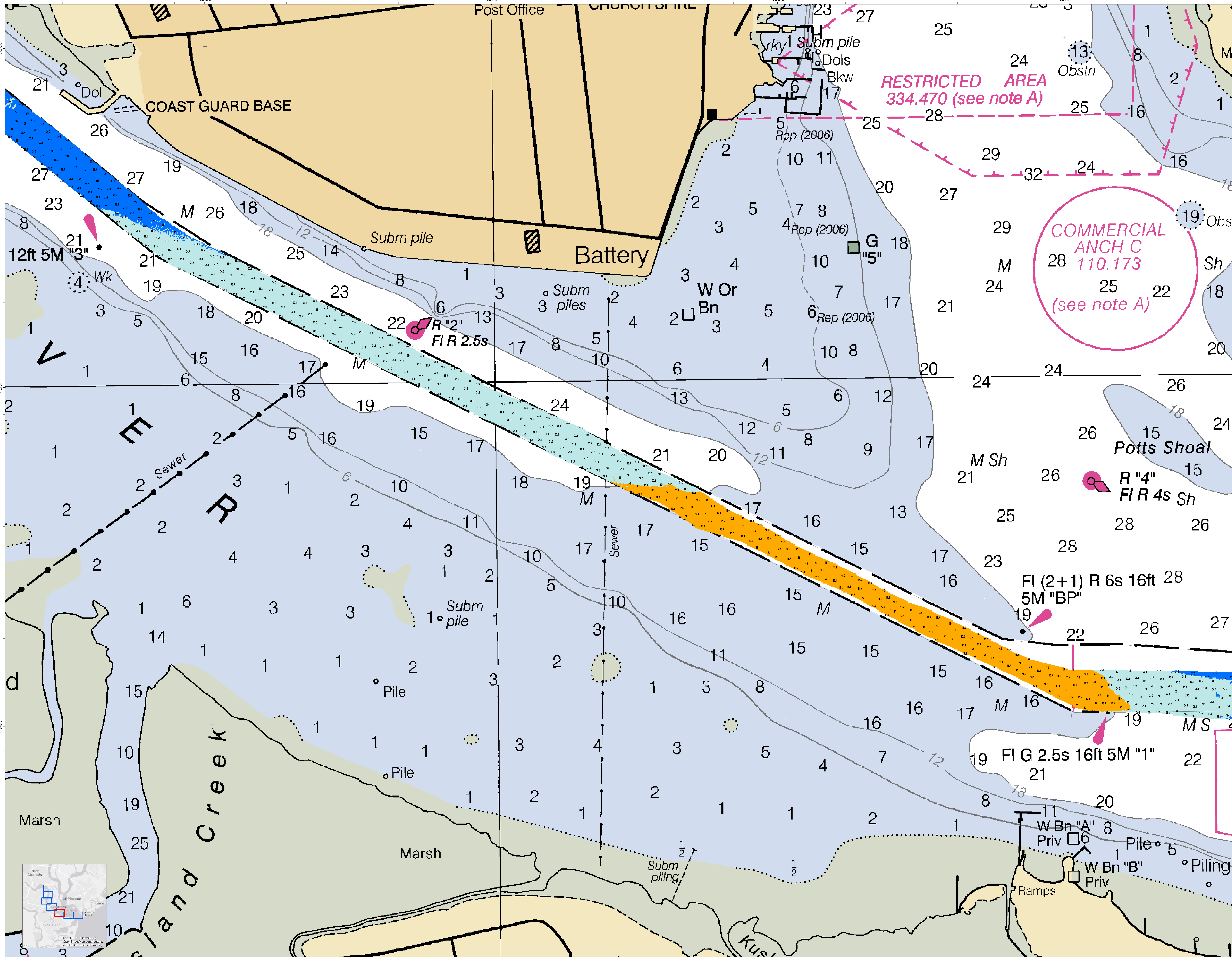
Designed By: eHydro Software v3.82
Reviewed By: CESAC
Survey Date: 02 MAR 2021
Production Date: 24 MAR 2021
Absolute Scale: 1:12,000
Project Reference Number: CESAC-H-2021-0010
Reference Scale: 1 inch = 250 feet
Survey Type: CONDITION
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet

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

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

Ashley River Channel Condition
Channel soundings based on single and/or multibeam surveys conducted by the US Army Corps of Engineers. The Ashley River channel is surveyed annually. This survey supersede AIWW condition survey data in the overlapping reaches.
Concluded on: **02 MAR 2021**
Charleston, South Carolina

SHEET
RFERENCE
NUMBER
C002
SHEET 2 OF 7



U.S. Army Corps of Engineers
Charleston District

In no event shall the U.S. Army Corps of Engineers, Charleston District Office, Spatial Data Branch be liable for direct, indirect, incidental, consequential or special damages of any kind, including but not limited to, loss of anticipated profits or benefits arising out of use of or reliance on the data. These data sets have been developed from the best available sources. Although efforts have been made to ensure that the datasets are accurate and reliable, errors and variable conditions originating from physical sources used to develop the data may be reflected in the data supplied. **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 10.0; 10.1 to 15.0; 15.1 to 20.0; 20.1 to 27.0; Greater than 27.0

USCG Beacon: Green; Red; White

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

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

Legend

Shoalest Sounding: Sounding (*Sounding may cover several point areas and is calculated per reach quarter area.*)

Obstruction Point: Obstruction; Wrecks-Submerged

Survey Date: 02 MAR 2021	Production Date: 24 MAR 2021
Designed By: eHydro Software v3.82	Project Reference Number: CESAC-PRA-0010
Reviewed By: CCW	Absolute Scale: 1:3,000
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

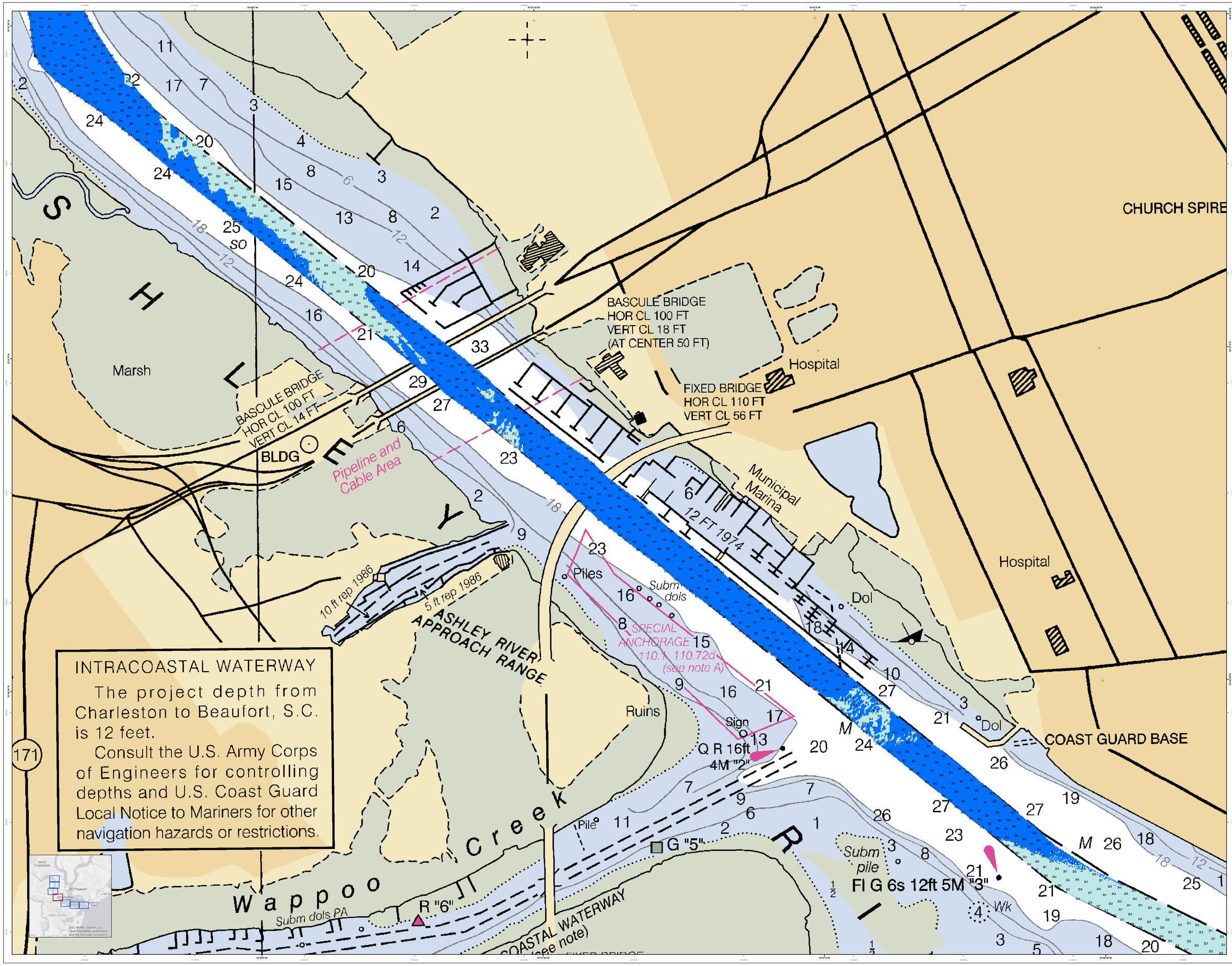
SPATIAL DATA BRANCH
69A HAGOOD AVE
CHARLESTON, SC 29403
CESAC-GIS@USACE.ARMY.MIL

Ashley River Channel Condition

Channel soundings based on single and/or multibeam surveys conducted by the US Army Corps of Engineers. The Ashley River contains a portion of the AIWW and these conditions supercede AIWW condition survey data in the overlapping reaches.

Concluded on: **02 MAR 2021**
Charleston, South Carolina

SHEET RFERENCE NUMBER
C002
SHEET 3 OF 7



U.S. Army Corps of Engineers
Charleston District

Disclaimer:
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 these data.
These data sets have been developed from the best available sources of information. Although we have attempted to make these datasets as accurate and reliable, errors and inaccurate conditions may exist in the data. Users should carefully evaluate the information offered in the data supplied.
These charts are not intended to be used for navigation.
Mariners are encouraged to use all prudent safety measures.

Production Notes:
1. Coordinates are based on data provided to the Charleston Office for plotting purposes only. Coordinates are not intended for navigation.
2. Aids to navigation are based on information provided by the U.S. Coast Guard Local Notice to Mariners.
3. Soundings are in feet and tenths.
Coordinate System: North American Datum (NAD83)
Projection: Lambert Conformal Conic, Low False Easting 1500000.0000, False Northing 0.0000, Central Meridian -79.0000, Standard Parallel 1 33.0000, Standard Parallel 2 45.0000, Latitude of Origin 39.0000
Vertical Datum: Mean Low Water (MLW)
Software: ArcGIS Pro 2.8.0
Map version 11G4

N

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

Depth in Feet
- Less than 10.0
- 10.1 to 15.0
- 15.1 to 20.0
- 20.1 to 27.0
- Greater than 27.0

Legend
Seabeds Sounding
- Sounding
- Sounding may occur several times in the survey area and yield a cluster area

Obstructions
- Obstruction
- Wreck-Submerged

USCG Buoys
- Green
- Red
- White
- Yellow

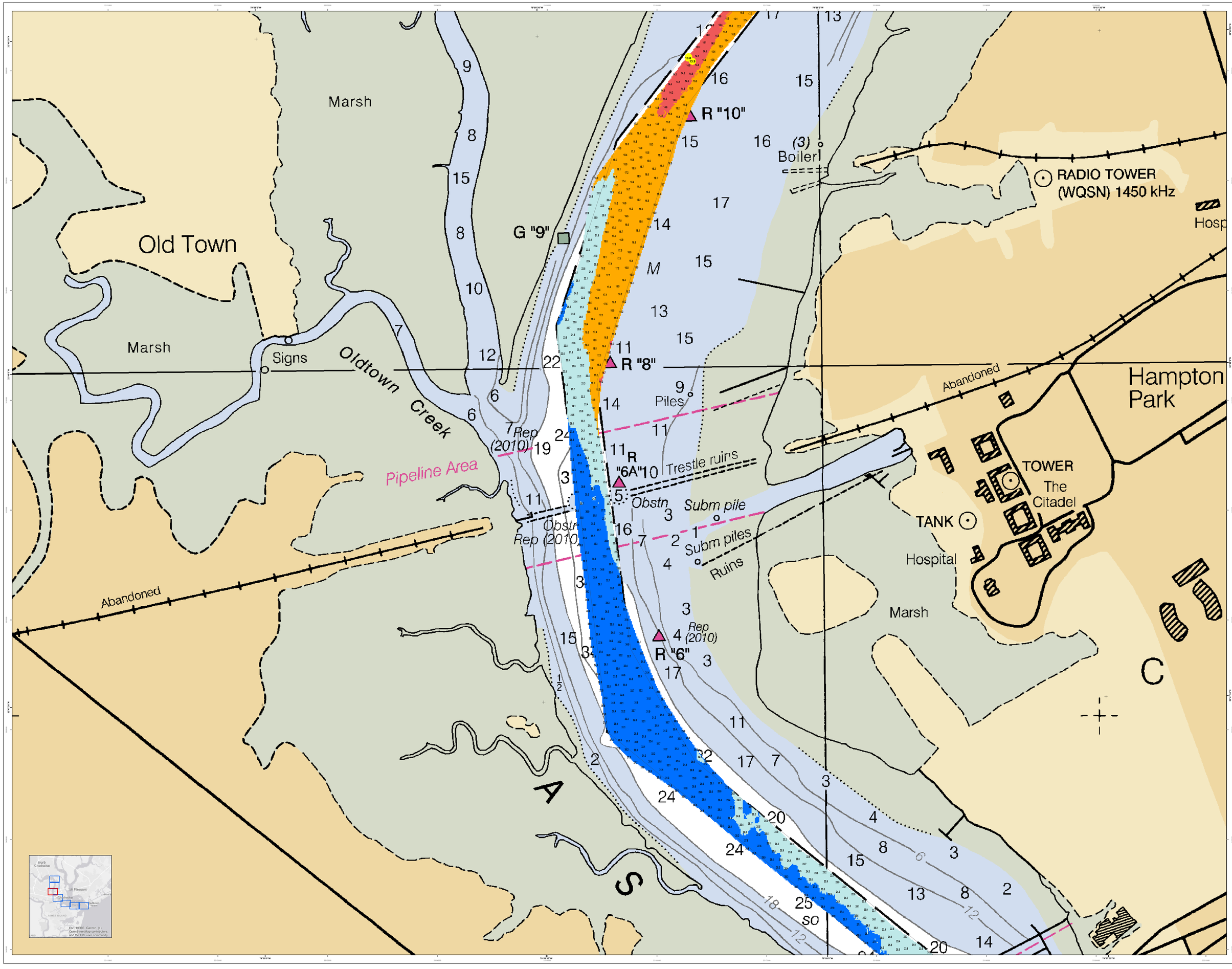
Fixed Navigation Channel
- Left TSS Line
- Right TSS Line
- USCG Light
- True Centerline
- Coast Guard Base

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Designed By: eHydro Software v3.82
	Reviewed By: Chris Gibson
SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403	Reference Scale: 1 inch = 250 feet
CESAC-GIS@USACE.ARMY.MIL	Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet

Survey Date: 02 MAR 2021 | Production Date: 24 MAR 2021
Project Reference Number: CESAC-GIS-2021-0010
Survey Type: CONDITION

Ashley River Channel Condition
Channel soundings based on single and/or multibeam surveys conducted by the US Army Corps of Engineers. The Ashley River channel was surveyed on 02 MAR 2021 and may supersede AWW condition survey data in the overlapping reaches.
Concluded on: **02 MAR 2021**
Charleston, South Carolina

SHEET REFERENCE NUMBER
C002
SHEET 4 OF 7



U.S. Army Corps of Engineers
Charleston District

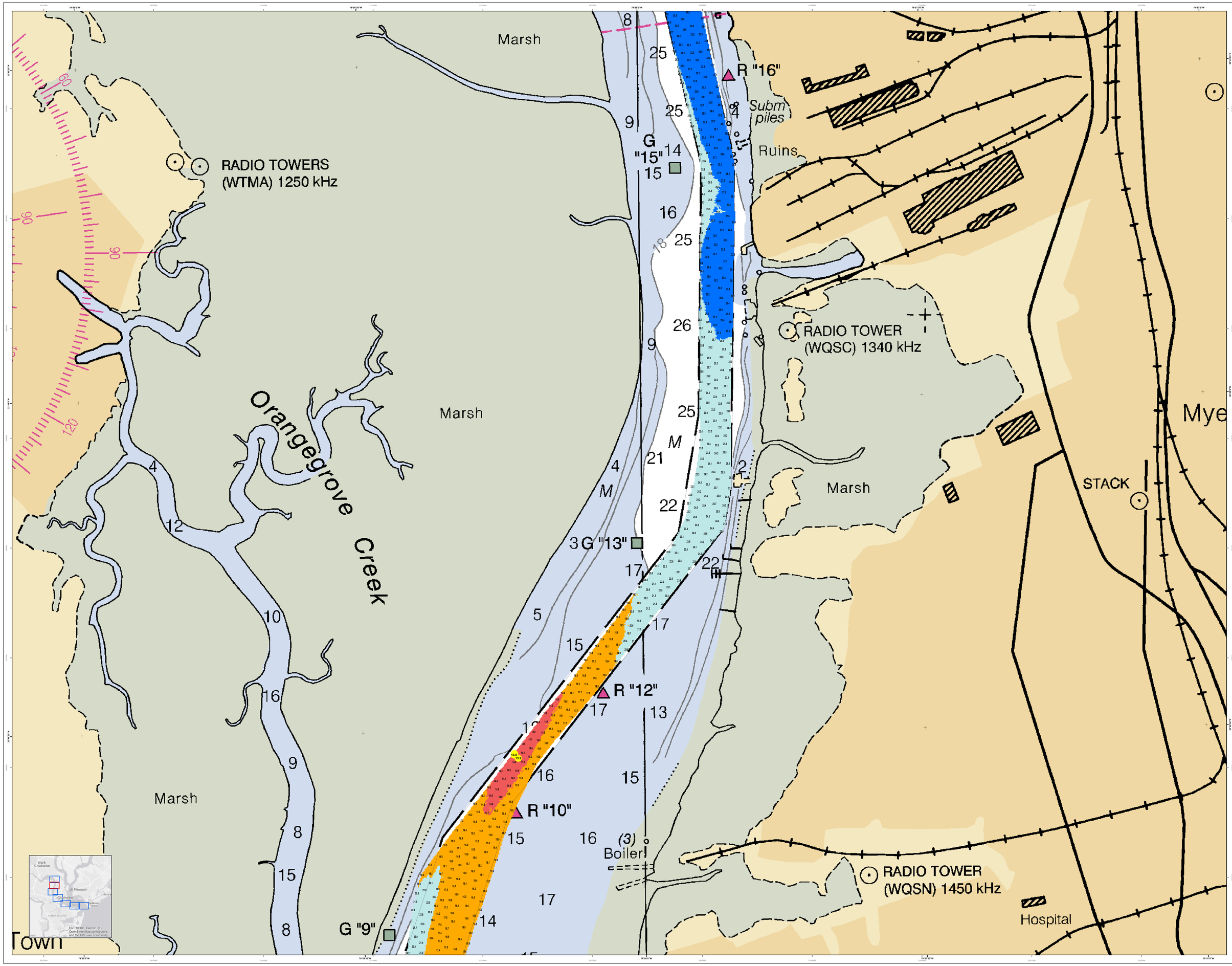
Production Notes:
1. Coordinate system used in this product is for plotting purposes only.
2. Bathymetric data was collected from survey conducted by the Charleston District, Corps of Engineers.
3. Soundings are in feet and tenths referenced to Mean Lower Low Water (MLLW).
4. Aids to Navigation source: NOAA RNC chart version 11/24

Legend
Sediment Sounding
Classification
Soundings may cover several classifications or be within gel mud's surface layer area
Other Features
Structure (Submerged)
USGS River
Depth in Feet
Green 10.0
10.1 to 15.0
15.1 to 20.0
20.1 to 27.0
Greater than 27.0
Federal Navigation Channel
Edge of Channel
Right 700 Line
True Centerline
Light
Coast Guard Buoy

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Designed By: eHydro Software v3.82	Survey Date: 02 MAR 2021	Production Date: 24 MAR 2021
	Reviewed By: CO-Navigation	Absolute Scale: 1:12,000	Project Reference Number: CESAC-CO-N-2019
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		

Ashley River Channel Condition
Channel soundings based on single and/or multibeam surveys conducted by the US Army Corps of Engineers. The Ashley River channel is surveyed to the AIWW channel specifications superceded AIWW condition survey data in the overlapping reaches.
Concluded on: **02 MAR 2021**
Charleston, South Carolina

SHEET REFERENCE NUMBER
C002
SHEET 5 OF 7



U.S. Army Corps of Engineers
Charleston District

Legend

Seabed Sounding
Sounding may cover several adjacent navigation lines or part of each quarter area

Observed Obstructions
Wreck-Submerged

USCG Buoy
Green
Red
White
Yellow

Federal Navigation Channel
Edge of Dredge Hole

USCG Light
Right TOC Line
Coast Guard Recon
True Centerline

Depth in feet
Greater than 10.0
10.1 to 15.0
15.1 to 20.0
20.1 to 27.0
Greater than 27.0

N

0 125 250 500 750 1,000 Feet

Production Notes:

1. Depths are referenced to the Mean Lower Low Water (MLLW) datum.
2. Soundings are in feet and tenths.
3. Soundings are based on data collected in the data supplied.

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 data.

These dive sets have been developed from the best available source data and are intended to be used as a navigation aid. No guarantee of accuracy is implied or intended. Mariners should consider all available information, including but not limited to, current charts, notices to mariners, and current local knowledge, when planning and conducting 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 v.3.82	Survey Date: 02 MAR 2021	Production Date: 24 MAR 2021
	Reviewed By: J. Cooke	Absolute Scale: 1:1,000	Project Reference Number: CESAC-PROJ-0010
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		

Ashley River Channel Condition

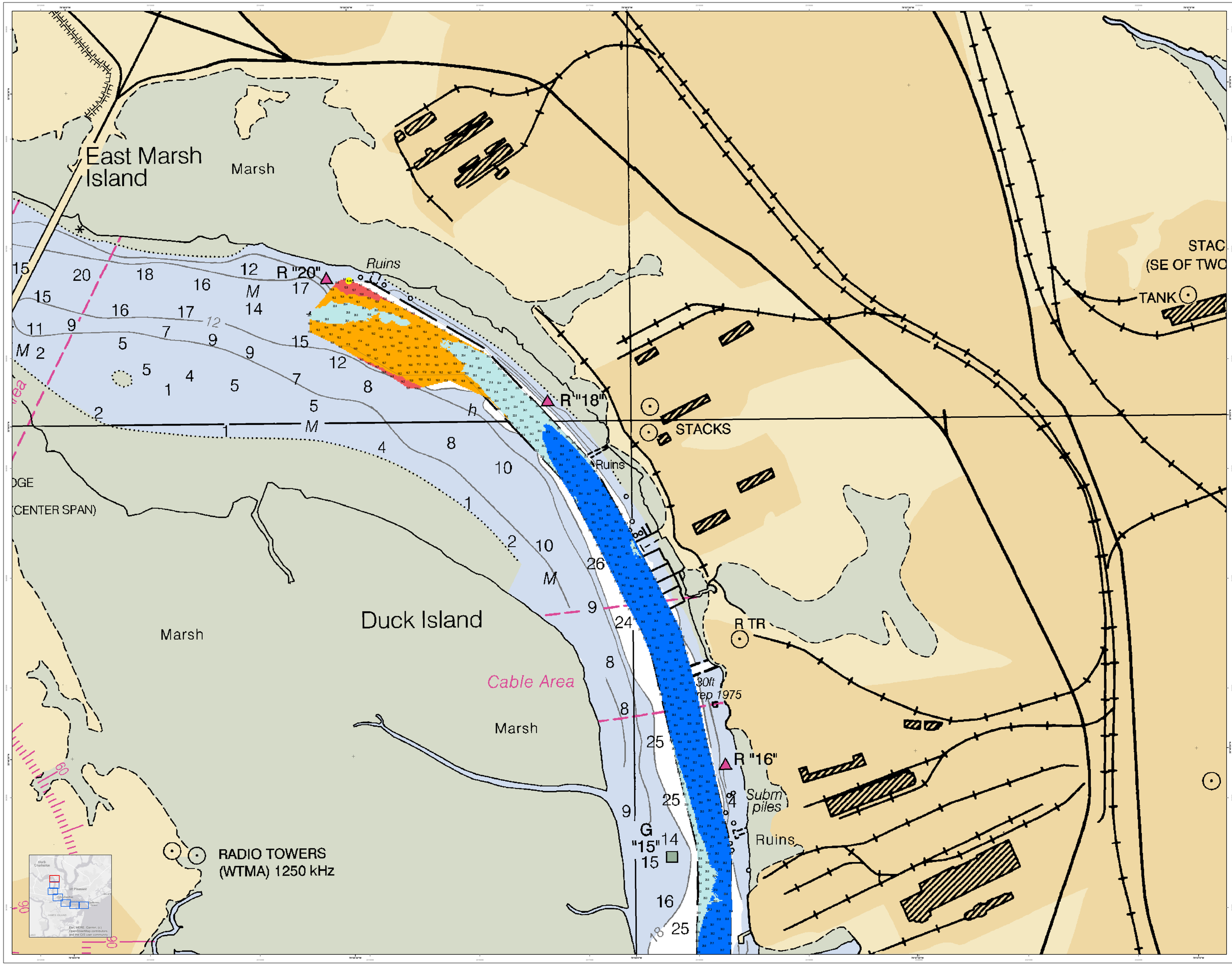
Channel soundings based on single and/or multibeam surveys conducted by the US Army Corps of Engineers. The Ashley River channel is shown with the most recent survey data to supersede AWW condition survey data in the overlapping reaches.

Concluded on: **02 MAR 2021**
Charleston, South Carolina

SHEET RFERENCE NUMBER

C002

SHEET 6 OF 7


East Marsh Island
Marsh
Ruins
R "20"
R "18"
R "16"
R TR
STACKS
STAC
(SE OF TWO
TANK
Ruins
Duck Island
Marsh
Cable Area
Marsh
30ft
ep 1975
Subm
piles
Ruins
G
"15"
RADIO TOWERS
(WTMA) 1250 kHz
(CENTER SPAN)
N
Feet
0 125 250 500 750 1,000
Depth in Feet
Shallow : 0 to 10.0
Medium : 10.1 to 15.0
Deep : 15.1 to 20.0
Very Deep : 20.1 to 27.0
Greater than 27.0
USCG Buoys
Green
Red
White
Yellow
Federal Navigation Channel
Left FNC Line
Right FNC Line
True Centerline
USCG Light
Coast Guard Beacon
Legend
Sounding
Soundings may occur on land if the tide was elevated at the time of the survey
Obstructions
Obstruction
Wreck or Submerged
U.S. Army Corps of Engineers
Charleston District
Production Notes:
1. This chart was created by the Charleston District for planning purposes only. It is not to be used for navigation.
2. Soundings are based on data from surveys conducted by the Charleston District, Corps of Engineers.
3. Soundings are in feet and tenths.
4. Coordinates are in North American Datum 1983 (NAD83).
Author: Mission Lower Line Water Ship Service 11G4
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 map.
These data sets have been developed from the best available sources. It is understood that the information contained in these datasets are accurate and reliable, errors and omissions do occur, and conditions change over time. Users should exercise judgment in interpreting the information contained in the data supplied.
This chart is not intended to be used for navigation.
Mariners are encouraged to use all prudent safety measures.
Designed By: eHydro Software v3.82
Reviewed By: CCSM
Survey Date: 02 MAR 2021
Production Date: 24 MAR 2021
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA
Absolute Scale: 1:12,000
Project Reference Number: CESAC-PM-O-14-0010
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
Ashley River Channel Condition
Channel soundings based on single and/or multibeam surveys conducted by the US Army Corps of Engineers. The Ashley River channel was surveyed during the same timeframe to supersede AIWW condition survey data in the overlapping reaches.
Concluded on: **02 MAR 2021**
Charleston, South Carolina
SHEET
REFERENCE
NUMBER
C002
SHEET 7 OF 7