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 resulting from any defect or error in the data supplied, including but not limited to, loss of anticipated profits or benefits arising out of the use of or inability to use the data.

These data sets have been developed from the best available source data and are subject to change over time. While these datasets are accurate and reliable, errors and variable conditions may exist. Mariners should not rely solely on the data depicted or reflected in the data supplied.

These data sets are not authorized to be used for navigation.

Mariners are encouraged to use all prudent safety measures.

1. This chart is projected on the South Carolina State Plane Coordinate System (NAD83) (US Feet).
2. Vertical datum is mean lower low water (MLLW).
3. Soundings and depth contours are in feet based on MLLW.

Scale 1:6,000

0 125 250 500 750 Feet

0 1,000 2,000 4,000 6,000

N

Depth in feet

Color	Range
	Less than 9.0
	9.1 to 15.0
	15.1 to 20.0
	20.1 to 27.0
	Greater than 27.0

Legend

Sounding

Soundings are reduced to Mean Lower Low Water (MLLW) per vessel's sounder offset

Shoalest Sounding

Survey Date:	31 MAR 2025
Production Date:	09 APR 2025
Reviewed By:	
Absolute Scale:	1:3,000
Project Reference Number:	CH_04_ASR_0810
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

CH_04_ASR

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 ATWW and these conditions supersede ATWW conditions surveys data in the overlapping reaches.

Concluded on: **31 MAR 2025**
Charleston, South Carolina

SHEET RFERENCE NUMBER

C002

SHEET 1 OF 7

CH_04_ASR

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: **31 MAR 2025**

Charleston, South Carolina

SHEET INTERSTATE NUMBER: C002

SHEET 2 OF 7

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

SPATIAL DATA BRANCH
69A KACOOD AVE
CHARLESTON, SC 29403

CESAC-GIS@USACE.ARMY.MIL

Surveyed by:	CCW
Reference Scale:	1 inch = 250 feet
Projection:	NAD 1983 StatePlane South Carolina FIPS 3900 Feet
Survey Date:	31 MAR 2025
Absolute Scale:	1:3,000
Project Reference Number:	CESAC-PRA-0010
Survey Type:	CONDITION
Production Date:	09 APR 2025

Legend

Soundings

Nearest Sounding

Sounding may cover several point areas and is considered per reach during survey

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	

0 125 250 500 750 1,000 feet

N

Production Notes:

1. The instruments depicted on this product is for posting purposes only and is not to be used for bottom sediment determination.
2. Water Impoundment data derived from surveys conducted by the USACE and approved partners and sources. Although efforts have been made to ensure that the data is of reliance on the data.
3. Soundings are in feet and tenths and are reduced to Mean Lower Low Water (MLLW).

These data sets have been developed from the best available data sources, however, errors and omissions may exist. The Charleston District of the U.S. Army Corps of Engineers, Charleston Harbor, conveys no warranties, expressed or implied, as to the accuracy, reliability, or completeness of these data sets. The U.S. Army Corps of Engineers, Charleston District, Spatial Data Branch be liable for direct, indirect, incidental, consequential or special damages or any kind, including but not limited to, loss of anticipated profits or benefits arising out of the use of these data sets.

This product 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

Folly Island Channel
Middle Ground
Folly Island Pier
Fl R 4s 19ft 6M "FP"
Fl G 4s 19ft 6M "FP"
Fl R 4s 19ft 6M "SP"
Fl G 4s 19ft 6M "SP"
Fl G 4s 19ft 6M
Fl R 4s 19ft 6M
Fl G 4s 19ft 6M (Secy)
Fl R 4s 19ft 6M (Secy)
Potts Shoal
Commercial Anchorage C
Commercial Anchorage B
Fort Johnson
Cove "A"
Cove "B"
Cove Rw
Cove Rw
M.S.
S.Sh.
Sh.
M.
City of Charleston
Charleston County GIS, Esri, HERE, Garmin, USGS, EPA, NPS, Esri, HERE, NPS

CH_04_ASR

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: **31 MAR 2025**

Charleston, South Carolina

SHEET INTERSERVICE NUMBER: C002

SHEET 3 OF 7

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

Surveyed by:	Absolute Scale: 1:3,000
Reference Scale:	1 inch = 250 feet
Projection:	NAD 1983 StatePlane South Carolina FIPS 3900 Feet
Survey Date:	31 MAR 2025
Production Date:	09 APR 2025
Survey Type:	CONDITION
Project Reference Number:	CESAC-PRA-0010

Production Notes:

1. The instruments depicted on this product is for posting purposes only and are not to be used for navigation.
2. Water fringe/gaps data derived from surveys conducted by the USACE and approved partners
3. Soundings are in feet and tenths (MLLW)

In no event shall the U.S. Army Corps of Engineers, Charleston District, Public Data Branch or its agents be liable for direct, indirect, incidental, consequential or special damages or any kind, including but not limited to, loss of anticipated profits or benefits arising out of use of or reliance on this 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 ongoing from physical sources used to develop the data may be inherited in the data supplied.

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

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

0 125 250 500 750 1,000 feet

N

Legend

Sounding
Lowest sounding
Sounding may cover several point areas and is considered per mesh quarter area

U.S. Army Corps of Engineers
Charleston District

Charleston
Ashley River
James Island
James Island Creek
Kiawah River
Folly Island
Morris Island
COAST GUARD BASE
Commercial Anchorage C
Cable Area
Ports Shoal
Fl(2+1)R 6s 105ft SBF
Fl G 4s 65ft "2"
Fl R 4s 65ft "1"
Fl G 4s 65ft "3"
Fl R 4s 65ft "4"
Fl G 4s 65ft "5"
Fl R 4s 65ft "6"
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CH_04_ASR

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: **31 MAR 2025**

Charleston, South Carolina

SHEET INTERSTICE NUMBER: C002

SHEET 4 OF 7

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

Surveyed by:	CCW	Survey Date:	31 MAR 2025
Reference Scale:	1 inch = 250 feet	Production Date:	09 APR 2025
Absolute Scale:	1:3,000	Survey Type:	CONDITION
Project Reference Number:	CESAC-PRA-0010		

Projection:
NAD 1983 StatePlane South Carolina FIPS 3900 Feet

Legend

Soundings may cover several point areas and is calculated per mesh cluster area

Bowsett Soundings

Soundings

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	

0 125 250 500 750 1,000 feet

N

Production Notes:

1. The instructions depicted on this product is for posting purposes only. Data is derived from multiple sources and may not be suitable for use or reliance on the data.
2. Water Engineering data derived from surveys conducted by the USACE and approved partners and vetted to Mean Lower Low Water (MLLW).
3. Soundings are in feet and tenths. Elevations are in feet and tenths of feet based on NAD 1983 StatePlane South Carolina FIPS 3900 Feet projection. Horizontal datum is based on the North American Datum of 1983 (NAD 83).

Disclaimer:
These data sets have been developed from the best available sources. Although efforts have been made to ensure that the data are accurate and reliable, errors and variable conditions ongoing from physical sources used to develop the data may be detected in the data supplied.

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

In no event shall the U.S. Army Corps of Engineers, Charleston District, 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 reliance on the data.

U.S. Army Corps of Engineers
Charleston District

Charleston

COAST GUARD BASE

Ashley River

Charleston Harbor, Ashley River

Ashley River Anchorage

Ashley River Anchorage 1

James Island Expressway Highway Bridge

City of Charleston, Charleston County GIS, Esri, HERE, Garmin, USGS, EPA, NPS, US Census, NOAA

CH_04_ASR

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: **31 MAR 2025**

Charleston, South Carolina

SHEET INTERSTATE NUMBER

C002

SHEET 5 OF 7

U.S. Army Corps of Engineers

Charleston District

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	

		Survey Date:	31 MAR 2025
		Production Date:	09 APR 2025
Reviewed By:	CCW	Survey Type:	CONDITION
Absolute Scale:	1:3,000	Project Reference Number:	CESAC-PRA-0010
Reference Scale:	1 inch = 250 feet		

Projection:
NAD 1983 StatePlane South Carolina FIPS 3900 Feet

Legend

Soundings may cover several point areas and is calculated per mesh cluster area

Soundings

Soundings

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	

0 125 250 500 750 1,000 feet

N

Production Notes:

1. The instructions depicted on this product is for posting purposes only and is not to be used for navigation.
2. Water Engineering data derived from hydrographic surveys conducted by the USACE and approved partners
3. Soundings are in feet and tenths and refer to Mean Lower Low Water (MLLW)

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 or 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 errors have been made to ensure that the data are accurate and reliable, errors and variable conditions obviously exist. Users should not rely exclusively on the information depicted in the data supplied.

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

Hampton Park

Charleston

The Citadel

Old Town

Oldtown Creek

Changegrove Creek

City of Charleston
Charleston County GIS, Esri, HERE, Garmin, USGS, EPA, NPS, Esri, HERE, NPS

U.S. Army Corps of Engineers
Charleston District

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: **31 MAR 2025**
Charleston, South Carolina

CH_04_ASR

SHEET INTERSERVICE NUMBER: C002

SHEET 6 OF 7

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

		Survey Date:	31 MAR 2025
		Production Date:	09 APR 2025
Surveyed By:	CCW	Absolute Scale:	1:3,000
Reference Scale:	1 inch = 250 feet	Project Reference Number:	CESAC-PRA-0010
Projection:	NAD 1983 StatePlane South Carolina FIPS 3900 Feet	Survey Type:	CONDITION

Legend

Bowsheet Soundings
Soundings
Soundings may cover several point areas and is considered one reach quarter area

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

0 125 250 500 750 1,000 feet

Production Notes:

1. The instructions depicted on this product is for posting purposes only.
2. Water Impoundments data derived from surveys conducted by the USACE and approved partners
3. Soundings are in feet and tenths
4. Channel Low Water (MLLW)

In no event shall the U.S. Army Corps of Engineers, Charleston District, Digital 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 this data.
Though efforts have been made to ensure that the best available sources, although data have been developed from the best available sources, although data have been made to ensure that the data are accurate and reliable, errors and omission conditions obtained are accurate and reliable, errors and omission conditions obtained from physical sources used to develop the data may be omitted in the data supplied.
This product is not intended to be used for navigation.
Mariners are encouraged to use all prudent safety measures.

SHEET 7 OF 7

SHEET REFERENCE NUMBER
C002

CH_04_ASR

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 ashley river reaches.

Concluded on: **31 MAR 2025**

Charleston, South Carolina

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

		Survey Date:	31 MAR 2025 – 09 APR 2025
		Production Date:	
CCW	Reviewed By:	Survey Type:	CONDITION
1:3,000	Absolute Scale:	Project Reference Number:	CESAC-PRA-0010
1 inch = 250 feet	Reference Scale:		

Projection:
NAD 1983 StatePlane South Carolina FIPS 3900 Feet

Legend

Boatwell Soundings
Soundings
Sounding may cover several point areas and or scattered and reach quarter area

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

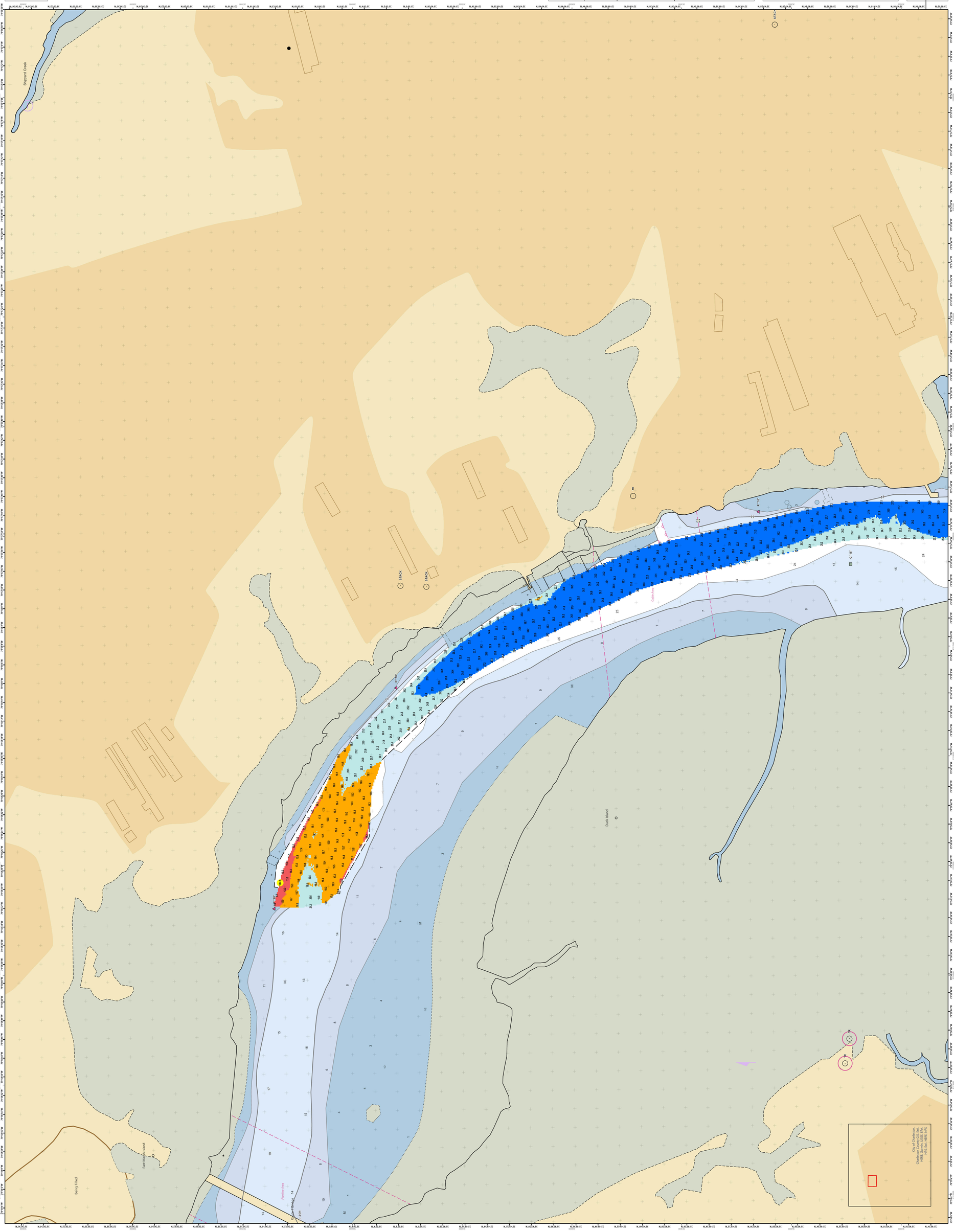
0 125 250 500 750 1,000 Feet

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Production Notes:
1. The instructions depicted on this product is for posting purposes only
2. Water Hyrographic data derived from surveys conducted by the USACE and approved partners and/or the Navigation Channel Project Condition Survey (NCPCS).
3. Soundings are in feet and tenths using an 8 foot draft vessel with a Simrad EA640 transducer and Hypack software.
4. Vertical datum is Mean Lower Low Water (MLLW).

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 ongoing 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.

U.S. Army Corps of Engineers
Charleston District


Shipyard Creek
East Magnolia Island
Being Filled
Duck Island
Cable Area
Pipeline Area
Bridge
4 drh
STACK
STACK
STACK
R "1"E
R "1"C
R "2"
R "3"
R "4"
R "5"
R "6"
R "7"
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