Winyah Bay Entrance

S,Sh

8' x 4'
FLR FIX
WELL

U.S. Army Corps of Engineers

Charleston District

Production Notes:
1. 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 at the time of the surveys.
2. Vector hydrographic data derived from NOAA ENC.
3. Soundings are in feet and tenths
4. Depths are referenced to Mean Lower Low Water (MLLW).
5. Chart datum: NAD83 (Geographic) /NOAA ENC

In no event shall the U.S. Army Corps of Engineers, Charleston District Office, Spatial Data Branch be liable for direct, indirect, special, incidental, consequential, or punitive damages including, but not limited to, loss of anticipated profits or benefits arising out of the use of these products.
These data sets have been developed from the best available source documents and have been verified to the degree that the datasets are accurate and reliable, errors and variable conditions may exist in some areas. Individuals using these data sets assume the risks reflected in the data supplied.
These products are not intended to be used for navigation.
Mariners are encouraged to use all prudent safety measures.

N

0 125 250 500 750 Feet

Bypass Channel Note:
1. The Bypass channel has an authorized depth of -15 feet MLLW.
2. Depicted depths do not indicate shoaling due to limited survey data.

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

USCG Buoys
Green
Red
White

Legend
Soundings
Bar Sounding
Sounding
Soundings may cover several days of survey data collected per month's quarter area
Obstructions
Obstruction
Wrecks Submerged

USCG Buoys
Green
Red
White
Yellow
USCG Light
Coast Guard Beacon

Survey Date:	09 DEC 2024 - 16 DEC 2024
Project Reference Number:	CESAC-RD-HA-24013
Survey Type:	CONDITION
Reference Scale:	1 inch = 226 feet
Projection:	NAD 1983 StatePlane South Carolina FIPS 3900 Feet
Reviewed By:	
Absolute Scale:	1:2,710

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

GT_01_GTH

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 at the time of the surveys.
Concluded on: **9 DEC 2024**
Georgetown, South Carolina

SHEET REFERENCE NUMBER
C001
SHEET 1 OF 13

GT_01_GTH

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: **9 DEC 2024**

Georgetown, South Carolina

SHEET REFERENCE NUMBER: C001

SHEET 2 OF 13

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

SPATIAL DATA BRANCH
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CHARLESTON, SC 29403

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Surveyed by:	CCW
Reference Scale:	1 inch = 226 feet
Survey Type:	CONDITION
Absolute Sable:	1.2.7.710
Project Reference Number:	CESAC-PRA-001-3
Survey Date:	09 DEC 2024
Production Date:	16 DEC 2024

Projection:
NAD 1983 StatePlane South Carolina FIPS 3900 Feet

Legend

Shoaled Sounding
Sounding
Sounding may cover several point areas and or scattered per search quarter area
Obstruction
Obstruction Fleet
Wreck-Submerged
USCG Buoy
Green
Red
Yellow
Mixed
USCG Light
Coast Guard Beacon
USCG Beacon
Red
Green
White

Bypass Channel Note:
1. The Bypass channel has an authorized depth of 12 feet
2. Expected costs do not include shoals within the Bypass channel accurately due to limited survey data

Depth in feet Main Channel
Less than 10.0
10 to 15.0
15 to 20.0
20 to 27.0
Greater than 27.0

0 125 250 500 750 Feet

Production Notes:
1. The information depicted on this product is for posting purposes only. Use of individual pixels or anomalies may not be related to, loss or inadequate depths or bottom analog of or use or reliance on this data.
2. Water Hydrographic data derived from surveys conducted by the 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 use of this product. These data were developed from the best available sources. Although charts 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 originating from physical sources used to develop the data may be interpreted in the data supplied.
This product is not intended to be used for navigation.
Mariners are encouraged to use all prudent safety measures.
3. Soundings are in feet and tenths and referenced to Mean Lower Low Water (MLLW).
4. Water Background: NOAA ENC chart service.

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 this product. These data were developed from the best available sources. Although charts have been made to ensure that the data are accurate and reliable, errors and omission conditions originating from physical sources used to develop the data may be interpreted 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

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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: 9 DEC 2024

Georgetown, South Carolina

SHEET REFERENCE NUMBER
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SHEET 3 OF 13

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	Absolute Scale: 1:2,710
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet	Reference Scale: 1 inch = 226 feet
Survey Date: 09 DEC 2024	Survey Type: CONDITION
Production Date: 16 DEC 2024	Project Reference Number: CESAC-PRA-0013

Legend

- Shoaled Sounding
- Sounding
- Sounding may cover several point areas and is calculated per mesh quarter area
- Obstruction
- Obstruction Point
- Wreck-Submerged
- USCG Buoy
- Green
- Red
- Green
- Yellow
- White
- USCG Light
- USCG Beacon
- Green
- Red
- White
- Coast Guard Beacon

Depth in feet Main Channel

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

Bypass Channel Note:

1. The bypass channel has an advertised depth of 12 feet.
2. Dredged depths do not maintain shoals within the bypass channel accurately due to limited survey data

0 125 250 500 750 Feet

Production Notes:

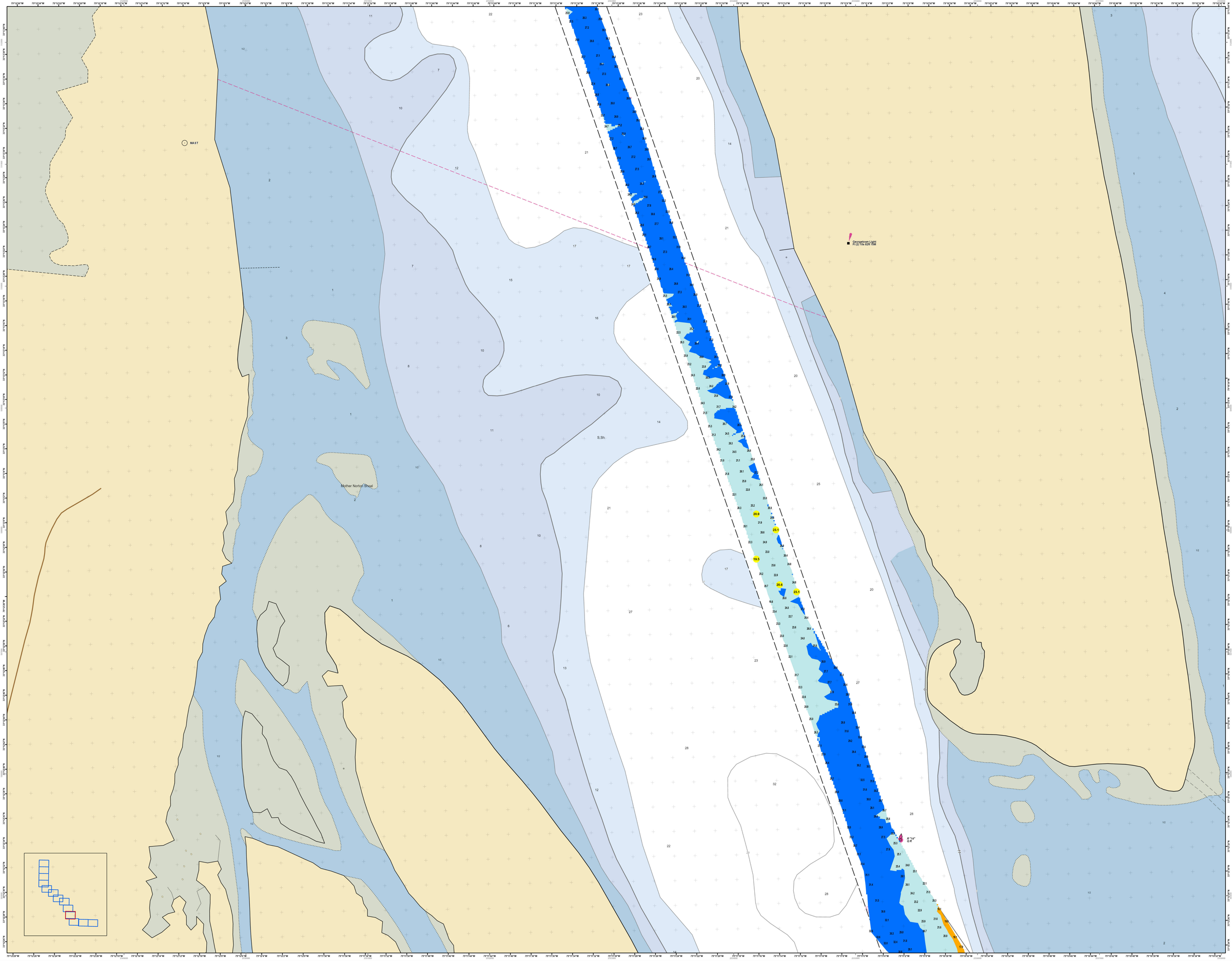
1. The dimensions depicted on this product is for posting purposes only and not limited to, loss or dredged packs or bendick assay out of use or reliance on its data.
2. Water Hydrographic data derived from surveys conducted by the District and others have been developed from the best available sources. Although efforts have been made to ensure that the datasets are accurate and reliable, errors and omissions conditions originating from physical sources used to develop the data may be detected in the data supplied.
3. Soundings are in feet and tenths and reduced to Mean Lower Low Water (MLLW).
4. Water Elevations: NOAA ENC chart service.

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 Office, Spatial Data Branch be liable for direct, indirect, incidental, consequential or special damages of any kind, including but not limited to, loss of dependent profits or benefits arising out of use of reliance on its data.

U.S. Army Corps of Engineers
Charleston District



U.S. Army Corps of Engineers

Charleston District

Production Notes:

1.The data hosted depicted on this map represents the most current survey.
2. Vector hydrographics may be removed to improve performance at small scales.
3. Soundings are in feet and tenths
4. Depths are referenced to Mean Lower Low Water (MLLW).
5. Datum: NAD83(2011) / SouthCarolina (ftUS)
6. Chart version:

0 125 250 500 750 Feet

N

Bypass Channel Note:

1. The Bypass channel has an authorized depth of 15 feet.
2. Depicted depths do not indicate navigability due to limited survey data

Depth Feet
Main Channel
Less than 10.0
10.1 to 15.0
15.1 to 20.0
20.1 to 27.0
Greater than 27.0

USCG Buoy
Green
Red
White

USCG Beacon
Green
Red
White

USCG Buoy
Special Purpose/Research
Safe Water
Red
White
Yellow
USCG Light
Coast Guard Racon

Legend
Single Sounding
Sounding may cover several depths in a navigable area per mariner's discretion
Obstruction
Wreck-Submerged

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, but not limited to, loss of anticipated profits or benefits arising out of use of or inability to use this map.
These data sets have been developed from the best available source data. Every effort has been made to ensure that these datasets are accurate and reliable, errors and variable conditions sometimes exist in source data and users should exercise caution as reflected in the data supplied.
This map is not to be used for navigation.
Mariners are encouraged to use all prudent safety measures.

Survey Date: 09 DEC 2024	Production Date: 16 DEC 2024
Reviewed By: CWM	Absolute Scale: 1:27,710
Reference Scale: 1 inch = 226 feet	Project Reference Number: CSAC-24CA-0013
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet	Survey Type: CONDITION

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

SPATIAL DATA BRANCH
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CHARLESTON, SC 29403
CESAC-GIS@USACE.ARMY.MIL

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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 condition of the area shown hereon.
Concluded on: **9 DEC 2024**
Georgetown, South Carolina

SHEET REFERENCE NUMBER
C001

GT_01_GTH

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: **9 DEC 2024**

Georgetown, South Carolina

SHEET REFERENCE NUMBER: C001

SHEET 5 OF 13

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
Reference Scale:	1 Inch = 226 feet
Projection:	NAD 1983 StatePlane South Carolina FIPS 3900 Feet
Survey Date:	09 DEC 2024
Production Date:	16 DEC 2024
Absolute Scale:	1:2,710
Project Reference Number:	CESAC-PRA-0013
Survey Type:	CONDITION

Legend

Shoaled Sounding
Sounding
Sounding may cover several point areas and is calculated per mesh quarter area
Obstruction
Obstruction Point
Wreck-Submerged
USCG Buoy
Green
Red
Yellow
Mixed
USCG Light
Colored Colored Beacon
USCG Beacon
Green
Red
White

Depth in feet Main Channel

Less than 10.0
10.1 to 15.0
15.1 to 20.0
20.1 to 27.0
Greater than 27.0

Bypass Channel Note:

1. The bypass channel has an authorized depth of 12 feet
2. Depicted depths do not indicate shoals within the bypass channel accurately due to limited survey data

0 125 250 500 750 Feet

Production Notes:

1. The transducer depicted on this product is for posting purposes only. Vessel draft is to be considered prior to grounding.
2. Water Engineering data derived from surveys conducted by the District and approved contractors.
3. Soundings are in feet and tenths adjusted to Mean Lower Low Water (MLLW).
4. Bathymetric Background: NOAA ENC charted source.

Disclaimer:

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 efforts have been made to ensure that the datasets are accurate and reliable, errors and omissions may still occur. Users are cautioned to exercise due diligence in determining from physical sources used to develop the data may be interpreted 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



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Charleston District

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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 pricing purposes only.
2. Vertical Datum Topographic data derived from survey conducted by the USACE and approved partners.
3. Soundings are in feet and tenths (MLLW).
4. Rather Background: NOAA ENC chart service.

Bypass Channel Note:

1. The bypass channel has an authorized depth of 12 feet accurately due to limited survey data.

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

Sounding
Soundings
Sounding may cover several point areas and is calculated per reach quarter area

Obstruction Point
Obstruction
Wreck-Submerged

USCG Buoy
Green
Red
White
Yellow
USCG Light
Coast Guard Beacon

USCG Beacon
Green
Red
White

Feet
0 125 250 500 750

Survey Date: 09 DEC 2024	Production Date: 16 DEC 2024		
Reviewed By: CCW	Absolute Scale: 1:2,710	Project Reference Number: CESAC-PRA-0013	
Reference Scale: 1 inch = 226 feet		Survey Type: CONDITION	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet			

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CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

SPATIAL DATA BRANCH
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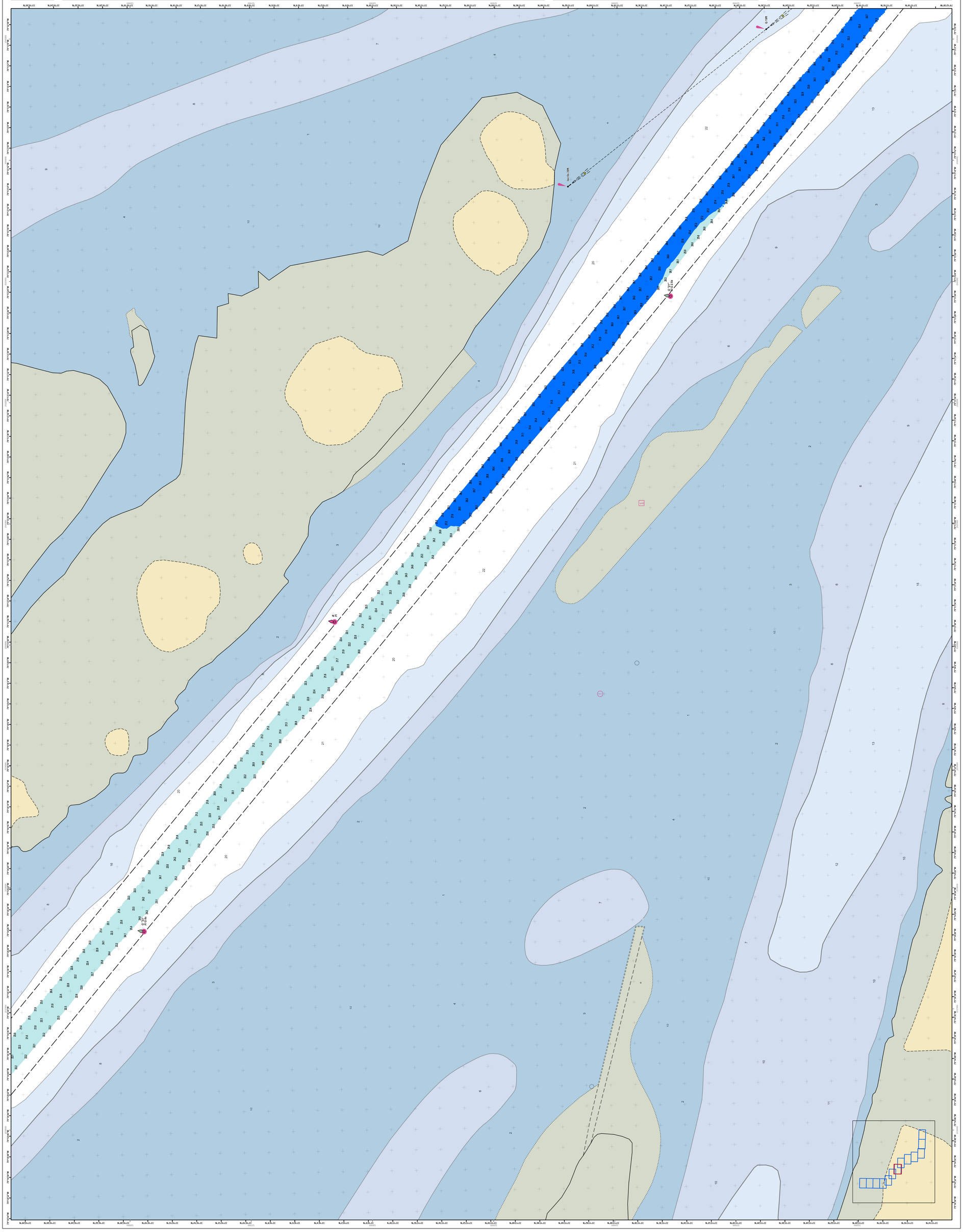
Concluded on: **9 DEC 2024**

Georgetown, South Carolina

SHEET REFERENCE NUMBER
C001

SHEET 6 OF 13



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Charleston District

Production Notes:
1. The information depicted on this product is for pricing purposes only. 2. Vertical Datum is at the Mean Lower Low Water (MLLW). 3. Soundings are in feet and tenths. Obstructions are depicted in the data supplied. **Mariners are encouraged to use all prudent safety measures.**

In no event shall the U.S. Army Corps of Engineers, Charleston District, consequential or special damages of any kind, including, but not limited to, loss of anticipated profits or benefits arising out of the 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.**

Bypass Channel Note:
1. The bypass channel has an accepted depth of 12 feet. 2. Depicted colors do not indicate accurately due to limited survey data.

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

Legend
Sounding
Sounding may cover several point areas and is calculated per reach quarter area
Obstruction Point
Obstruction
Wreck-Submerged
USCG Buoy
Green
Red
Yellow
Water
USCG Light
Coast Guard Beacon

Production Notes:
1. The information depicted on this product is for pricing purposes only. 2. Vertical Datum is at the Mean Lower Low Water (MLLW). 3. Soundings are in feet and tenths. Obstructions are depicted in the data supplied. **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-GIS@USACE.ARMY.MIL

Surveyed By:	COW
Absolute Scale:	1:2,710
Survey Date:	09 DEC 2024
Production Date:	16 DEC 2024
Reference Scale:	1 inch = 226 feet
Project Reference Number:	CESAC-PRA-0013
Survey Type:	CONDITION

Projection:
NAD 1983 StatePlane South Carolina FIPS 3900 Feet

GT_01_GTH
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: **9 DEC 2024**
Georgetown, South Carolina

SHEET REFERENCE NUMBER
C001
SHEET 7 OF 13

GT_01_GTH

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.

Georgetown, South Carolina

Concluded on: 9 DEC 2024

SHEET REFERENCE NUMBER: C001

SHEET 8 OF 13

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

CESAC-GIS@USACE.ARMY.MIL

Projection:
NAD 1983 StatePlane South Carolina FIPS 3900 Feet

Surveyed by: CCW	Survey Date: 09 DEC 2024
Reviewed by: CCW	Production Date: 16 DEC 2024
Absolute Scale: 1:2,710	Project Reference Number: CESAC-PRA-0013
Reference Scale: 1 inch = 226 feet	Survey Type: CONDITION

SPATIAL DATA BRANCH
69A HAGOOD AVE
CHARLESTON, SC 29403

U.S. Army Corps of Engineers
Charleston District

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Data obtained from various sources are accurate and reliable, errors and omission may exist. Although charts have been developed from the best available sources, the Corps of Engineers cannot guarantee the completeness and accuracy of the information shown on this chart.

This product is not intended to be used for navigation.

Mariners are encouraged to use all prudent safety measures.

Production Notes:

1. The dimensions depicted on this product is for posting purposes only.
2. Water Hydrographic data derived from surveys conducted by the CESAC and approved partners and private companies.
3. Soundings are in feet and tenths and reduced to Mean Lower Low Water (MLLW).
4. Raster Background: NOAA ENC chart service.

Depth in feet Main Channel

Less than 10.0
10 to 15.0
15 to 20.0
20 to 27.0
Greater than 27.0

Bypass Channel Note:

1. The bypass channel has an advertised depth of 12 feet.
2. Expected users do not maintain shoals within the bypass channel accurately due to limited survey data

0 125 250 500 750 Feet

Legend

Nautical Sounding
- Sounding
- Sounding may cover several point areas and or scattered per reach quarter area

Obstruction
- Obstruction
- Wreck-Submerged

Construction Float

USCG Buoy
- Cone
- Can
- Spar
- Nun
- Mid
- Water

USCG Beacon
- Green
- Red
- White

USCG Light

Coast Guard Beacon

Chart Datum: MLLW

Vertical Datum: NAVD88

Horizontal Datum: NAD83

Units: Feet

Soundings: Feet

Contours: Feet

Publication Date: 2024

Coast Guard Light List: 2024

Coast Pilot: 2024

Tide Note: Use the Charleston, South Carolina Tide Table to obtain the height of tide for the time of sounding.

Caution: Numerous submerged pipelines and cables are located in the vicinity of the channel.

Caution: Shoaling occurs in the vicinity of the channel.

Caution: Strong currents are encountered in the vicinity of the channel.

Caution: Vessels navigating the channel should monitor VHF-FM channel 13 and 16.

Caution: Vessels navigating the channel should maintain a speed of 6 knots or less.

Caution: Vessels navigating the channel should maintain a distance of 1000 feet between vessels.

Caution: Vessels navigating the channel should maintain a distance of 500 feet from fixed bridges.

Caution: Vessels navigating the channel should maintain a distance of 500 feet from overhead cables.

Caution: Vessels navigating the channel should maintain a distance of 500 feet from anchored vessels.

Caution: Vessels navigating the channel should maintain a distance of 500 feet from moored vessels.

Caution: Vessels navigating the channel should maintain a distance of 500 feet from docked vessels.

Caution: Vessels navigating the channel should maintain a distance of 500 feet from underway vessels.

Caution: Vessels navigating the channel should maintain a distance of 500 feet from vessels at anchor.

Caution: Vessels navigating the channel should maintain a distance of 500 feet from vessels at dock.

Caution: Vessels navigating the channel should maintain a distance of 500 feet from vessels at berth.

Caution: Vessels navigating the channel should maintain a distance of 500 feet from vessels at mooring.

Caution: Vessels navigating the channel should maintain a distance of 500 feet from vessels at buoy.

Caution: Vessels navigating the channel should maintain a distance of 500 feet from vessels at beacon.

Caution: Vessels navigating the channel should maintain a distance of 500 feet from vessels at light.

Caution: Vessels navigating the channel should maintain a distance of 500 feet from vessels at obstruction.

Caution: Vessels navigating the channel should maintain a distance of 500 feet from vessels at construction float.

Caution: Vessels navigating the channel should maintain a distance of 500 feet from vessels at wreck-submerged.

Caution: Vessels navigating the channel should maintain a distance of 500 feet from vessels at coast guard beacon.

Caution: Vessels navigating the channel should maintain a distance of 500 feet from vessels at coast guard light.

Caution: Vessels navigating the channel should maintain a distance of 500 feet from vessels at coast guard buoy

GT_01_GTH

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: **9 DEC 2024**

Georgetown, South Carolina

SHEET REFERENCE NUMBER: C001

SHEET 9 OF 13

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
Reference Scale: 1 inch = 226 feet
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet

Survey Date: 09 DEC 2024
Production Date: 16 DEC 2024
Absolute Scale: 1:2,710
Project Reference Number: CESAC-PRA-0013
Survey Type: CONDITION

U.S. Army Corps of Engineers
Charleston District

Production Notes:

1. The bathymetric depicted on this product is for posting purposes only and not intended to base any quantities or engineering analysis out of use or reliance on its data.
2. Water Hyacinth/grass data removed from surveys conducted by the Charleston District. Spatial data branch no longer collects 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 omission conditions originating from physical sources used to develop the data may be identified in the data supplied.
3. Soundings are in feet and tenths and were reduced to Mean Lower Low Water (MLLW).
4. Bathymetric Background: NOAA ENC chart service.

Bypass Channel Note:

1. The Bypass channel has an authorized depth of 12 feet.
2. Dredged costs do not include shoals within the Bypass channel accurately due to limited survey data

Depth in feet Main Channel

- 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 Feet

Legend

Shoaled Sounding
Sounding may cover several point areas and is calculated per mesh quarter area

Obstruction
Obstruction Point
Wreck-Submerged

USCG Buoy
Green
Red
Yellow
White

USCG Light
Lighted
Unlighted
Lighted Beacon
Unlighted Beacon

Green
Red
White

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 or reliance on its 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 omission conditions originating from physical sources used to develop the data may be identified in the data supplied.

This product is not intended to be used for navigation.

Mariners are encouraged to use be prudent safety measures.

U.S. Army Corps of Engineers
Charleston District

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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.

Georgetown, South Carolina

Concluded on: **9 DEC 2024**

SHEET REFERENCE NUMBER: C001

SHEET 10 OF 13

U.S. ARMY ENGINEER DISTRICT
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CHARLESTON, SOUTH CAROLINA

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SPATIAL DATA BRANCH
69A HAGOOD AVE
CHARLESTON, SC 29403

Surveyed by: CCW	Survey Date: 09 DEC 2024
Reviewed By: CCW	Production Date: 16 DEC 2024
Absolute Scale: 1:2,710	Reference Scale: 1 inch = 226 feet
Project Reference Number: CESAC-PRA-0013	Survey Type: CONDITION

Projection:
NAD 1983 StatePlane South Carolina FIPS 3900 Feet

Legend

Shoaled Sounding
Sounding
Sounding may cover several point areas and is calculated per mesh quarter area

Obstruction
Obstruction Point
Wreck-Submerged

USCG Buoy
Cone
Can
Spar
Nun
Mark
Pile
Lateral
Safe
Special
Isolated Danger
Junction
Cardinal
Starboard Hand
Port Hand
Preferred Channel
Fairway
Anchorage
Quarantine
Seaplane Landing
Caution Area
Restricted Area
Dumping Ground
Pipeline
Submarine Cable
Foul Area
Limit of Survey
Limit of Chart

USCG Beacon
Green
Red
White

USCG Light
Lighted
Unlighted
Fixed
Occulting
Isophase
Flashing
Quick Flashing
Morse (A)
Group Flashing (2)
Group Occulting (2)
Group Occulting (3)
Group Flashing (4)
Group Flashing (5)
Alternating
Fixed & Flashing
Fixed & Group Flashing (2)
Fixed & Group Flashing (3)
Fixed & Group Flashing (4)
Fixed & Group Flashing (5)
Fixed & Group Occulting (2)
Fixed & Group Occulting (3)
Fixed & Group Occulting (4)
Fixed & Group Occulting (5)
Fixed & Group Occulting (6)
Fixed & Group Occulting (7)
Fixed & Group Occulting (8)
Fixed & Group Occulting (9)
Fixed & Group Occulting

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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: **9 DEC 2024**

Georgetown, South Carolina

SHEET REFERENCE NUMBER: C001

SHEET 11 OF 13

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

CESAC-GIS@USACE.ARMY.MIL

SPATIAL DATA BRANCH
69A HAGOOD AVE
CHARLESTON, SC 29403

Surveyed by:	
Reference Scale:	Absolute Scale:
1 Inch = 226 feet	1:2,710
Survey Type:	Project Reference Number:
CONDITION	CESAC-PRA-0013
Survey Date:	Production Date:
09 DEC 2024	16 DEC 2024

Projection:
NAD 1983 StatePlane South Carolina FIPS 3900 Feet

Legend

Shoaled Sounding
- Sounding
- Sounding area over average depth of surrounding area
- Sounding area of a localized point of reduced depth

Obstruction
- Obstruction
- Wreck-Submerged

Construction Point
- Dolphin
- Pile

USCG Buoy
- Green
- Red
- Yellow
- White

USCG Beacon
- Green
- Red
- White

USCG Light

Coast Guard Beacon

Depth in feet Main Channel
- Less than 10.0
- 10 ft to 15.0
- 15 ft to 20.0
- 20 ft to 27.0
- Greater than 27.0

Bypass Channel Note:
1. The bypass channel has an advertised depth of 12 feet.
2. Depicted depths do not represent shoals within the bypass channel accurately due to limited survey data

0 125 250 500 750 Feet

Production Notes:
1. The dimensions depicted on this product is for posting purposes only. It is not to be used for dredged depths or channel design.
2. Water Hyacinths data 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 introduced in the data supplied.
3. Soundings are in feet and tenths and reduced to Mean Lower Low Water (MLLW).
4. Raster Background: NOAA ENC chart service.

Disclaimer:
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 this data.
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

Rabbit Island
Hare Island
Horse Island
Horse Island Middle
Fl R 4s 108 Mar 135
Fl R 4s
Fl (2+1) R 24s

GT_01_GTH

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: **9 DEC 2024**

Georgetown, South Carolina

SHEET REFERENCE NUMBER: C001

SHEET 12 OF 13

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: 09 DEC 2024	Production Date: 16 DEC 2024
Reference Scale: 1 inch = 226 feet	Absolute Scale: 1:2,710	Project Reference Number: CESAC-PRA-0013
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		Survey Type: CONDITION

U.S. Army Corps of Engineers
Charleston District

Production Notes:

1. The information depicted on this product is for posting purposes only and not limited to, loss or inadequate packs or benthos arising out of use of reliance on its data.
2. Water Hydrographic data derived from the best available sources. Although charts have been developed from the best available surveys, soundings are in feet and fathoms.
3. Soundings are by physical sources used to develop the data may be outdated are accurate and reliable, errors and variable conditions changing from the time made to ensure that the information is 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 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 reliance on its data.

Bypass Channel Note:

1. The Bypass channel has an authorized depth of 12 feet.
2. Expected costs do not include shoals within the Bypass channel accurately due to limited survey data

Depth in feet Main Channel

- Less than 10.0
- 10 to 15.0
- 15.1 to 20.0
- 20.1 to 27.0
- Greater than 27.0

USCG Beacon

- Green
- Red
- White

USCG Buoy

- Green
- Red
- White
- Yellow

USCG Light

Coast Guard Beacon

Legend

Shoaled Sounding
Sounding may cover several point areas and or calculated per reach quarter area

Obstruction Point
Obstruction
Wreck-Submerged

0 125 250 500 750 Feet

N

Rabbit Island

Sampit Point

FI G 4s 17m 6M 36°

FI (2+1) R 6 s 6m 6M 90°

Q G 3m 3M 40°

FI R 4s 13m 6M 42°

Q G 2m 1M

Q R 4m

Q R 2m

Q R 7m 2M

FI G 2.5s 13m 6M 357°

U.S. Army Corps of Engineers
Charleston District

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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 omission conditions obtained are accurate and reliable, errors and omission conditions originating from physical sources used to develop the data may be encountered 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 thalweg/centerline was derived from surveys conducted by the USACE and approved partners and represents the best available data.
2. Water Elevations (WE) were derived from NOAA ENC chart service.
3. Soundings are in feet and tenths referenced to Mean Lower Low Water (MLLW).
4. Bathymetric Background: NOAA ENC

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

Bypass Channel Note:
1. The bypass channel has an advertised depth of 12 feet.
2. Expected costs do not include shoals within the bypass channel assumed to be below survey data.

USCG Beacon
Green
Red
White

USCG Buoy
Green
Red
Yellow
White
USCG Light
Coast Guard Beacon

Legend
Sounding Sources
Sounding
Sounding may cover several point areas and or scattered per reach grandeur area
Obstruction
Wreck-Submerged
Construction Fleet
Dredge
Tug
Barge
Work Boat
Crane
Pipeline

0 125 250 500 750 Feet

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CHARLESTON, SOUTH CAROLINA

SPATIAL DATA BRANCH
69A HAGOOD AVE
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Reviewed By: CCW	Absolute Scale: 1:2,710
Reference Scale: 1 Inch = 226 feet	Survey Date: 09 DEC 2024
Project Reference Number: CESAC-PRA-0013	Survey Type: CONDITION
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet	Production Date: 16 DEC 2024

GT_01_GTH
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: **9 DEC 2024**
Georgetown, South Carolina

SHEET REFERENCE NUMBER
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