Subm groin
Subm groin
W Bn
Priv
Pipeline Area
G "25"
Fl G 4s
Rk
R
N "2"
f S
h
S Sh
Obstn
Obstn
R "24"
Fl R 2.5s
4 Rep (2005)
5 Rep (2006)
Rep (2006)
Rep (2006)
G "23"
Fl G 2.5s
R "22"
Q R
BELL
G "21"
Q G
Wk
Subm jetty
COLREGS DEMARCATION LINE
80.710A (see note A)
RIGHT W
(see
FORT SUMTER RAN
6ft
5M
mings
nt
JAMES ISLAND

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. Users are cautioned to consider carefully the provided information to ensure that it is suitable for their purposes. While these datasets are accurate and reliable, errors and variable conditions may exist. Conditions may change and not all changes may be reflected in the data supplied.

These charts are not to be used for navigation.

Mariners are encouraged to use all prudent safety measures.

Legend
Bilateral Beaconing
Soundings may cover several depth curve areas per each quarter area.
Obstructions
Offshore
Wrecks-Submerged
USCG Buoys
Lateral
Port
Red
Starboard
Green
Preferred Navigation Channel
Right TOC Line
Left TOC Line
USCG Light
Coast Guard Route
Depth Area
Less than 30.5
30.1 to 60.0
60.1 to 90.0
90.1 to 121.9
Greater than 121.9
Feet
0
125
250
500
750
1000
N

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

Designed By:
eHydro Software v3.82
Reviewed By:
Kevin Hall

Survey Date:
06 MAR 2021
Issuance Date:
10 MAR 2021
Reference Scale:
1:3,000
Survey Type:
CONDITION
Reference Scale:
1 inch = 250 feet
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 represent the bathymetry and general conditions existing at that time.
Concluded on: **9 MAR 2021**
Charleston, South Carolina

SHEET REFERENCE NUMBER
C002
SHEET 1 OF 7

MOUNT PLEASANT RANGE
R "28"
Fl R 2.5s
Fl 2.5s 18ft
G "27"
Fl G 2.5s
Y "L"
Fl Y 4s
Fl R 2.5s
G "3"
R N "4"
Sign
Subm pile
ED
Sign
Signs
G "1"
R "2"
Fl R 4s 16ft
4 5M "130" 3
Bridge in ruins
Iso R 6s 40ft
Q R 13ft
RANGE "C"
Jetty
Subm
girder
Fl G 4s
"127"
R N "126"
Ramp
Sign
Fl G 4s
7 ft rep 1993
Subm groin
Bulkhead
Subm groin
Subm groin
Subm groin
Subm groin
TOWER (
Ft
W Bn
Priv
Rk
R
N "2"
Cable and Pipeline Area
G "25"
Fl G 4s
Obstn
FORT SUMTER RANGE
Wk
Sh
Wk
Sh
M
S
f S
T h e
N E L
VNEL
ee tabulation)
JAMES ISLAND

U.S. Army Corps of Engineers
Charleston District

Production Notes:
Produced by the U.S. Army Corps of Engineers, Charleston District Office, Spatial Data Branch. Intended for planning purposes only. Product is for guiding purposes only and not intended for navigation. Data surveys conducted by the U.S. Army Corps of Engineers and 3rd Party. Soundings are in feet and tenths referenced to Mean Lower Low Water (MLLW). Horizontal datum is NAD83. Map version 1104.

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

Depth in Feet
Lower than 30.0
30.1 to 40.0
40.1 to 50.0
50.1 to 60.0
Greater than 60.0

USCG Buoys
Preferred Channel
Safe Water
Right TOC Line
USCG Light
Coast Guard Base
Obstruction
Wreck-Submerged

USCG Buoys
Lighted
Unlighted
Red
White
Yellow
Green
Black-Submerged

Legend
Sounding
Soundings may occur outside of the channel limits and are not always located in the center of the channel.
Obstructions
Obstn
Wreck-Submerged

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: 9 MAR 2021
Charleston, South Carolina

Survey Date: 09 MAR 2021	Production Date: 10 MAR 2021
Designed By: eHydro Software v3.82	Absolute Scale: 1:12,000
Reviewed By:	Survey Type: CONDITION
Reference Scale: 1 inch = 250 feet	Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet

U.S. ARMY ENGINEER DISTRICT
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CHARLESTON, SOUTH CAROLINA

SPATIAL DATA BRANCH
69A HAGOOD AVE
CHARLESTON, SC 29403

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SHEET REFERENCE NUMBER
C002
SHEET 2 OF 7

U S S YORKTOWN
F 26ft PA Priv
R "36" Fl R 2.5s
Fl 6s 6ft Priv
Fl 4s 6ft Priv
Fl 2.5s 6ft Priv
Bkw
Q 6ft Priv
Dols
Patriots Point
Iso G 6s 46ft
Subm pile
R "34" Q R
Subm piles
REBELLION RANGE
Fl G 2.5s 16ft
Subm pile
R "32" Fl R 4s
Hog Island Channel
Iso 6s 20ft
Haddrell Point
Q 15ft
Fl R 4s 12ft 5M "16"
R "14"
6 FT JAN 2019
Subm piles ED
HOG I RGE
Obstn
Shutes Folly I
Marsh
Castle Pinckney
Pile
Subm piles
Subm pile
HORSE RANGE
Q 15ft
G "31" Fl G 4s
Piles
Iso 6s 30ft
Cy 20
G "29" Fl G 6s
MOUNT PLEASANT RANGE
R "28" Fl R 2.5s
Iso 6s 52ft
Fl 2.5s 18ft
G "27" Fl G 2.5s
Crab Bank
Subm pile ED
S Sh
FOLLY ISLAND CHANNEL
Middle Gro
COMMERCIAL ANCH C
Obstn
Sh
Area
S

U.S. Army Corps of Engineers
Charleston District

Production Notes:
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These data are not to be used for navigation.
Mariners are encouraged to use all prudent safety measures.

N
Feet 1000 750 500 250 0
Meters 250 125 0

Depth in Feet: Lower 30.5 | 30.1 to 60.0 | 60.1 to 63.0 | 63.1 to 72.0 | Greater than 72.0
USCG Buoys: Port (Red) | Starboard (White) | Preferred Channel to Port | Preferred Channel to Starboard | Safe Water | Isolated Danger | Special Purpose | Regulatory
Fixed Navigation Channel: Right (TSS) Line | Left (TSS) Line | Two Centerline
USCG Light | Coast Guard Room
Legend: Seabed Sounding | Sounding may cover several depths in the same quarter area | Obstruction | Wreck/Submerged

Survey Date: 09 MAR 2021
Production Date: 10 MAR 2021
Designed By: eHydro Software v3.82
Absolute Scale: 1:2,000
Survey Type: CONDITION
Reviewed By: CESAC-CHARTS-0010
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
SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403
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Charleston Lower Harbor Channel
The information depicted on this map represents the results of surveys made on the dates indicated and can only be relied upon as showing the general conditions existing at that time.
Concluded on: **9 MAR 2021**
Charleston, South Carolina

SHEET REFERENCE NUMBER
C002
SHEET 3 OF 7

R "2"
Q R

R "38"
Fl R 4s

Cable Area

G "37"
Fl G 4s

Ruins

F R 71ft

MICRO
TOWER

Foul

Cable Area

Obstn

COOPER

Cable Area

PA

G "1"
Priv

G "3"
Priv

Dols

USS
YORKTOWN
F 26ft PA Priv

R "36"
Fl R 2.5s

Fl 6s 6ft
Priv

Fl 4s 6ft
Priv

Fl 2.5s 6ft
Priv

Bkw

Q 6ft
Priv

Patriots Point

Iso G 6s 46ft

Subm pile

R "34"
Q R

Subm
piles

REBELLION RANGE

Fl

Subm pile

R "32
Fl R

G "35"
Fl G 2.5s

COMMERCIAL
ANCH D
110.173
(See note A)

Fl 2.5s
22ft
HOG TRGE

Iso 6s 37ft

R "6"

Obstn

Y

C "J"
Priv

Cable Area

Shutes Folly I

Subm pile

Q 15ft

HORSE RANGE

Marsh

Piles

Dol

Flagpole

Ruins

Piles

Foul

rky

Subm pile

Dols

Piles

Custom House

St Phillips
CHURCH SPIRE

St Michaels
CHURCH SPIRE

Post Office

RE

O N

H O

U.S. Army Corps of Engineers
Charleston District

Production Notes:

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These data sets are not intended to be used for navigation. Mariners are encouraged to use all prudent safety measures.

1. Soundings are in feet and tenths
2. Depth curves are based on the Mean Lower Low Water (MLLW) datum
3. Soundings are from the most recent survey available

Data compiled and maintained by the Charleston District, Spatial Data Branch

Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet

Designed By: ehydro Software v3.82
Reviewed By:
Approved By:

Survey Date: 09 MAR 2021
Assessa Scale: 1:10,000
Reference Scale: 1 inch = 250 feet

Survey Type: CONDITION
Project Reference Number: CHS-CHARLESTON-2021
Production Date: 10 MAR 2021

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 relied upon as showing the general conditions existing at that time.
Concluded on: **9 MAR 2021**
Charleston, South Carolina

SHEET REFERENCE NUMBER
C002
SHEET 4 OF 7

Marsh
Fl G 4s
Dols
Foul
Subm pile
Fl G 6s 16ft 5M "45"
TOWN CREEK
Dike
Fl R 6s
R "44"
S
Sewer
Ramp
R "2"
Fl R 2.5s
Bkw
Ramp
Remley Poi
Q R 23ft
Boiler
Iso R 6s 37ft
DRUM I CHANNEL RA
Fl G 4s 12ft 5M "5"
Stake
Piles
Stake
Piles
Creek
Foul
Dols
Marsh
Foul
Vardell Cl
D R U M
I S L A N D
ARTHUR RAVENEL
FIXED BRIDGE
HOR CL 250 FT
VERT CL 65 FT
Fl G 2.5s 15ft
Iso G 6s 38ft
G "43"
Fl G 4s
RANGE "A"
M Sh
Obstn
G "41"
Fl G 2.5s
Subm bridge ruins
Foul
Subm bridge ruins
Obstn
AERO
Fl R
S Sh
R "42"
Fl R 2.5s
Subm bridge ruins
Obstn
AERO
Fl R
S Sh
ARTHUR RAVEN
FIXED BRIDGE
HOR CL 1000 FT
VERT CL 186 FT
Marsh
C H A N N E L
O P E R I V E R
Discontinued
Spoil Area
Cable
Area
TWIN
STACKS
35M
Obstn
G "39"
Fl G 2.5s
Obstn
R "2"
Q R
Cable Area
R "38"
Fl R 4s
Obstn
G "37"
Fl G 4s
PA
G "1"
Priv
Ruins

U.S. Army Corps of Engineers
Charleston District

Production Notes:
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These data sets are not to be used for navigation.
Mariners are encouraged to use all prudent safety measures.

Production Notes:
1. Data compiled and shown on this product is for planning purposes only.
2. Data sources conducted by the Corps surveys conducted by the Charleston District Survey Section.
3. Soundings are in feet and tenths referenced to Mean Lower Low Water (MLLW).
4. Chart produced using ArcMap 10.8.1 and Adobe Illustrator 2020 on a Windows 10 Pro 64-bit OS.
5. Map version 11124

N

Depth in feet
0 to less than 5.0
5.1 to 40.0
40.1 to 45.0
45.1 to 47.0
Greater than 47.0

USCG Buoys
Lateral
Port
Red
Starboard
Green
Safe Water
Red and White
Special Purpose
Yellow
Isolated Danger
Black with Red
Preferred Channel
Port Hand
Starboard Hand
USCG Light
Right TSS Line
Left TSS Line
Anchorage
Coast Guard Base
Wrecks-Submerged
Obstructions
Coast Guard Station

Legend
Sounding may not reveal all dangers; additional soundings are required
Obstruction
Wrecks-Submerged

Survey Date: 09 MAR 2021 | 10 MAR 2021
Production Date: 10 MAR 2021
Designed By: eHydro Software v3.82
Reviewed By: JDW
Absolute Scale: 1:2400
Project Number: PSEA-PERP-A0010
Survey Type: CONDITION
Reference Scale: 1 inch = 250 feet
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet

U.S. ARMY ENGINEER DISTRICT
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CHARLESTON, SOUTH CAROLINA
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Charleston Lower Harbor Channel
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Concluded on: **9 MAR 2021**
Charleston, South Carolina

SHEET REFERENCE NUMBER
C002
SHEET 5 OF 7

Cable Area
Bkw
G "47A"
Fl G 2.5s
Obstn Area (15 FT)
Fl 2.5s 4ft
Priv
(see note A)
Cable Area
Piles
Marsh
Pipeline Area
R "48"
Fl R 4s
G "7"
Fl G 6s
S Sh
Subm piles
G "7"
Fl G 2.5s
Sign
R "46"
Fl R 4s
G "3"
Fl G 4s
R "4"
Fl R 4s
Oys Sh
Marsh
G "7"
Fl G 4s
Fl (2+1) G 6s
12ft 5M "D"
R "44"
Fl R 6s
Subm pile
Fl G 6s 16ft 5M "45"
CREEK
Dike
Molasses
Ramp
Sewer
R "2"
Fl R 2.5s
Bkw
Ramp
Remley Point
G "43"
Fl G 4s
Q R 23ft
Boiler
Dols
Foul

U.S. Army Corps of Engineers
Charleston District

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

Legend
Bottom Sounding
Soundings may cover several points in areas of irregular depth and need to confer with chart
Obstruction
Wreck
Rock
Fixed Navigation Channel
Right (TSS) Line
Left (TSS) Line
Depth in feet
Under 30.5
30.1 to 48.8
48.7 to 60.9
60.7 to 91.5
91.5 to 121.9
Greater than 121.9
USCG Buoys
Green
Red
White
Yellow
USCG Light
Coast Guard Base
Wrecks-Submerged

Feet
0
125
250
500
750
1,000
N

Designed By: eHydro Software v3.82
Reviewed By: CORPS
Survey Date: 09 MAR 2021
Absolute Scale: 1:2500
Survey Type: CONDITION
Production Date: 10 MAR 2021
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

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 to represent the general conditions existing at that time.
Concluded on: **9 MAR 2021**
Charleston, South Carolina

SHEET REFERENCE NUMBER
C002
SHEET 6 OF 7

3 Rep (2005)

Marsh

Long Point

TANK

R "8"
Fl R 6s

G "7"
Fl G 2.5s

8 Subm piles

Marsh

G "5"
Fl G 6s

R "6"
Fl R
2.5s

S Sh

M Sh

Marsh

ED

Hobcaw Point

Marsh

Creek

Hobcaw

Sign

Subm piles

G "3"
Fl G 4s

PROJECT DEPT

Channel legends and tabulations wi

U.S. Army Corps of Engineers

Charleston District

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These data sets are not intended to be used for navigation. Mariners are encouraged to use all prudent safety measures.

1. Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet
2. Reference Scale: 1 inch = 250 feet
3. Soundings are in feet and tenths
(MLLW) Mean Lower Low Water
(MLW) Mean Lower Low Water (NOAA HWC map version 11/24

N

0 125 250 500 750 1,000 Feet

Depth in feet
0 to 3 Feet (Lower 3/5.0)
3.1 to 6 Feet (3.1 to 6/6.0)
6.1 to 9 Feet (6.1 to 9/9.0)
9.1 to 12 Feet (9.1 to 12/12.0)
Greater than 12 Feet (Greater than 12/12.0)

USCG Buoys
Nun — Red
Can — Red
Lateral — Red
Safe Water — White
Special Mark — Yellow
Preferred Navigation Channel
Left Side of Channel
Right TOE Line
USCG Light
Coast Guard Base
Obstructions
Obstruction
Wreck
Wreck-Submerged
Shoreline
True Centerline

Legend
Shallow Sounding
Sounding may cover channel width or may be limited per marsh/ coastal area

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 as the general conditions existing at that time.
Concluded on: **9 MAR 2021**
Charleston, South Carolina

Designed By: eHydro Software v3.82	Absolute Scale: 1/1,000	Survey Date: 09 MAR 2021
Reviewed By: CESAC-GIS		Survey Type: CONDITION
Reference Scale: 1 inch = 250 feet		Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet

Production Date: 10 MAR 2021
Project Reference Number: CESAC-PA-2021-0010

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

SPATIAL DATA BRANCH
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SHEET REFERENCE NUMBER
C002
SHEET 7 OF 7