



Atlantic Intra-coastal Waterway (AIWW) Channel Survey
 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: **17 November 2016**
 Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 CHARLESTON, SOUTH CAROLINA
 SPATIAL DATA BRANCH
 69A HAGOOD AVE
 CHARLESTON, SC 29403
 CESAC-IGS@USACE.ARMY.MIL

Designed By: Hydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CEBAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Project to: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

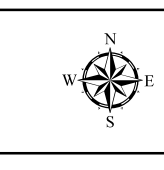
Shoalest Sounding
 Sounding may cover several point areas and is calculated per reach quarter area
 "+" indicates sounding above MLLW

Sounding	USCGBeacon	USCGBuoy	White
Sounding	USCGBeacon	USCGBuoy	Yellow
Sounding	USCGBeacon	Coast Guard Racon	USCGLight

Depth in feet

0-3	3-6	6-9	9-12	Greater Than 12
-----	-----	-----	------	-----------------

0 250 500 1,000 1,500 Feet

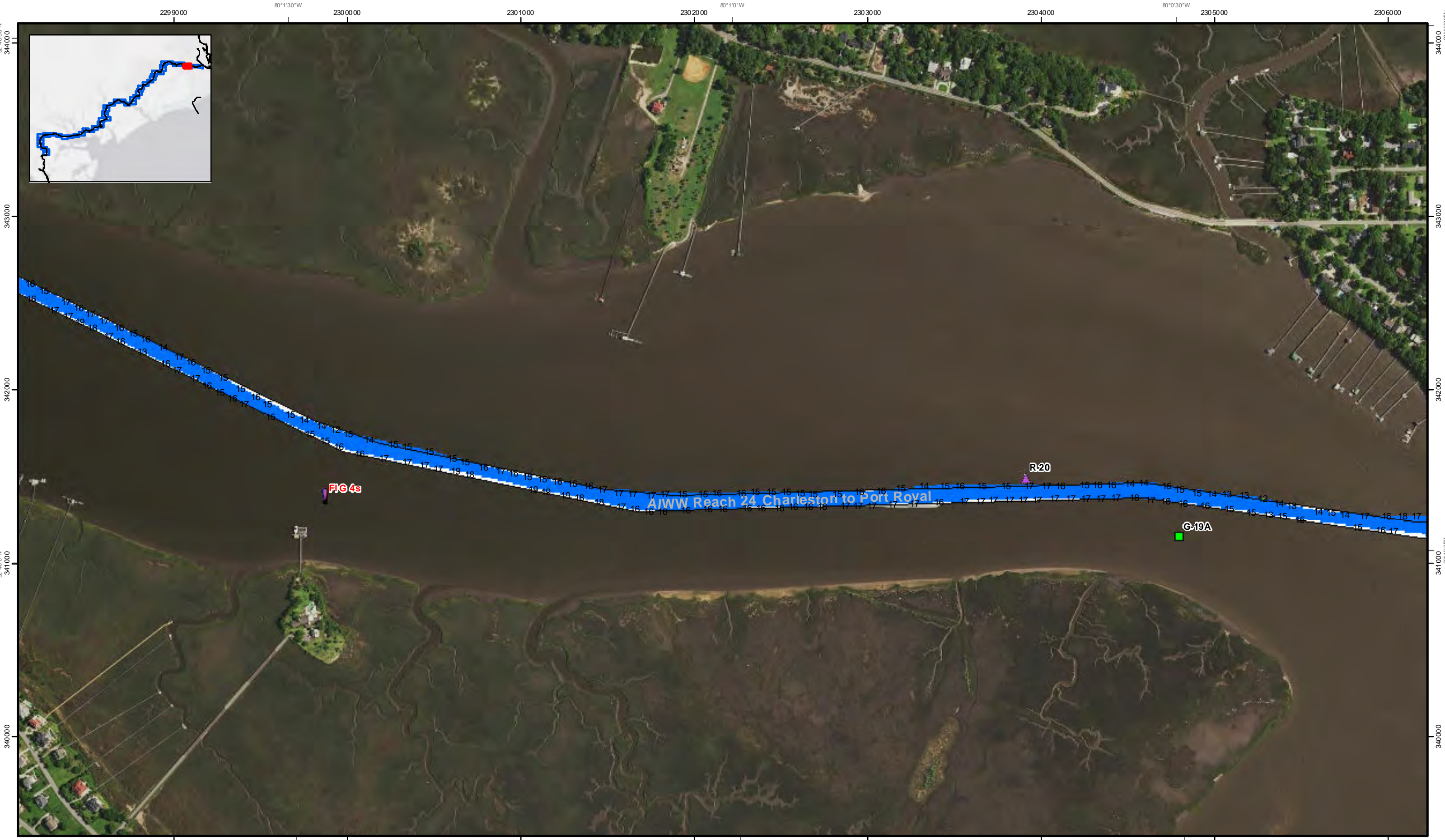


Production Notes:
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 3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).
 4. Raster background is USGS Online Image Basemap dated 2010 - 2011.

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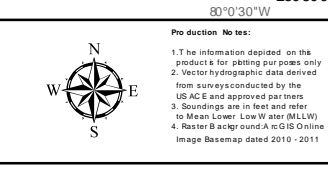
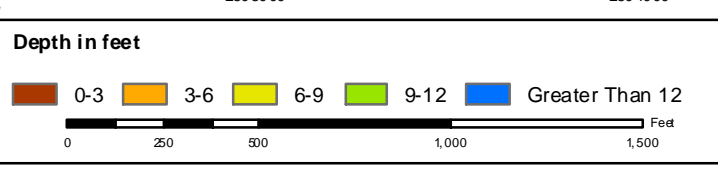
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Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

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USCG Beacon	USCG Buoy
Green	Green
Red	Red
White	Coast Guard Racon
USCG Light	



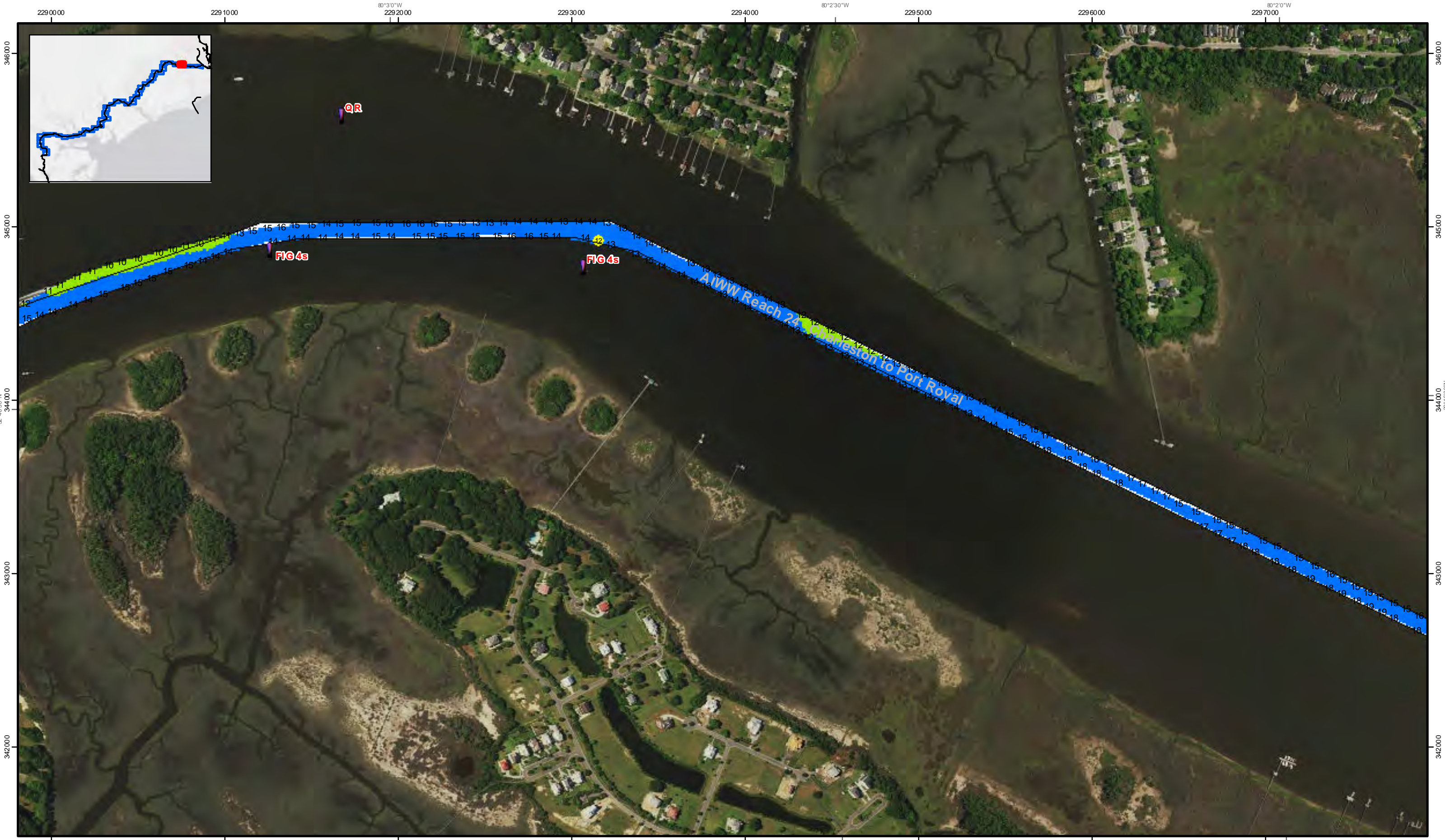
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 CHARLESTON, SC 29403
 CESAC-GIS@USACE.ARMY.MIL

Designed By: **eHydro Software v3.82**
 Reviewed By: **CCW**
 Reference Scale: **1 inch = 500 feet**
 Projection: **NAD 1983 StatePlane South Carolina FIPS 3000 Feet**

Survey Date: **17 NOV 2016**
 Production Date: **23 NOV 2016**
 Absolute Scale: **1:6,000**
 Project Reference Number: **CESAC-PRA-0001**
 Survey Type: **Condition**

Shoalest Sounding
 Sounding may cover several point areas and is calculated per reach quarter area
 "+" indicates sounding above MLLW

● Sounding	■ Green	● Green	● White
	▲ Red	● Red	● Coast Guard Racon
	□ White	● USC G Light	

Depth in feet

■ 0-3	■ 3-6	■ 6-9	■ 9-12	■ Greater Than 12
-------	-------	-------	--------	-------------------

0 250 500 1,000 1,500 Feet



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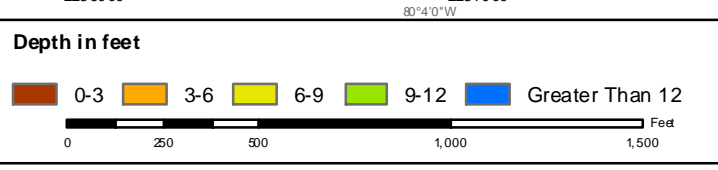




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Atlantic Intra-coastal Waterway (AIW) Channel Survey The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time. Concluded on: 17 November 2016 Charleston, SC to Port Royal, SC	Designed By: Hydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
	Reviewed By: CCW	Absolute Scale: 1:6,000	Project Reference Number: CESAC-PRA-0001
SPATIAL DAT ABRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL	Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projected to: NAD 1983 StatePlane South Carolina FIPS 3000 Feet			

Shoalest Sounding Sounding may cover several point areas and is calculated per reach quarter area "+" indicates sounding above MLLW	USCG Beacon Green Red White	USCG Buoy Green Red Coast Guard Racon	White Yellow USCG Light
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Reviewed By: CCW	Project Reference Number: CEBAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

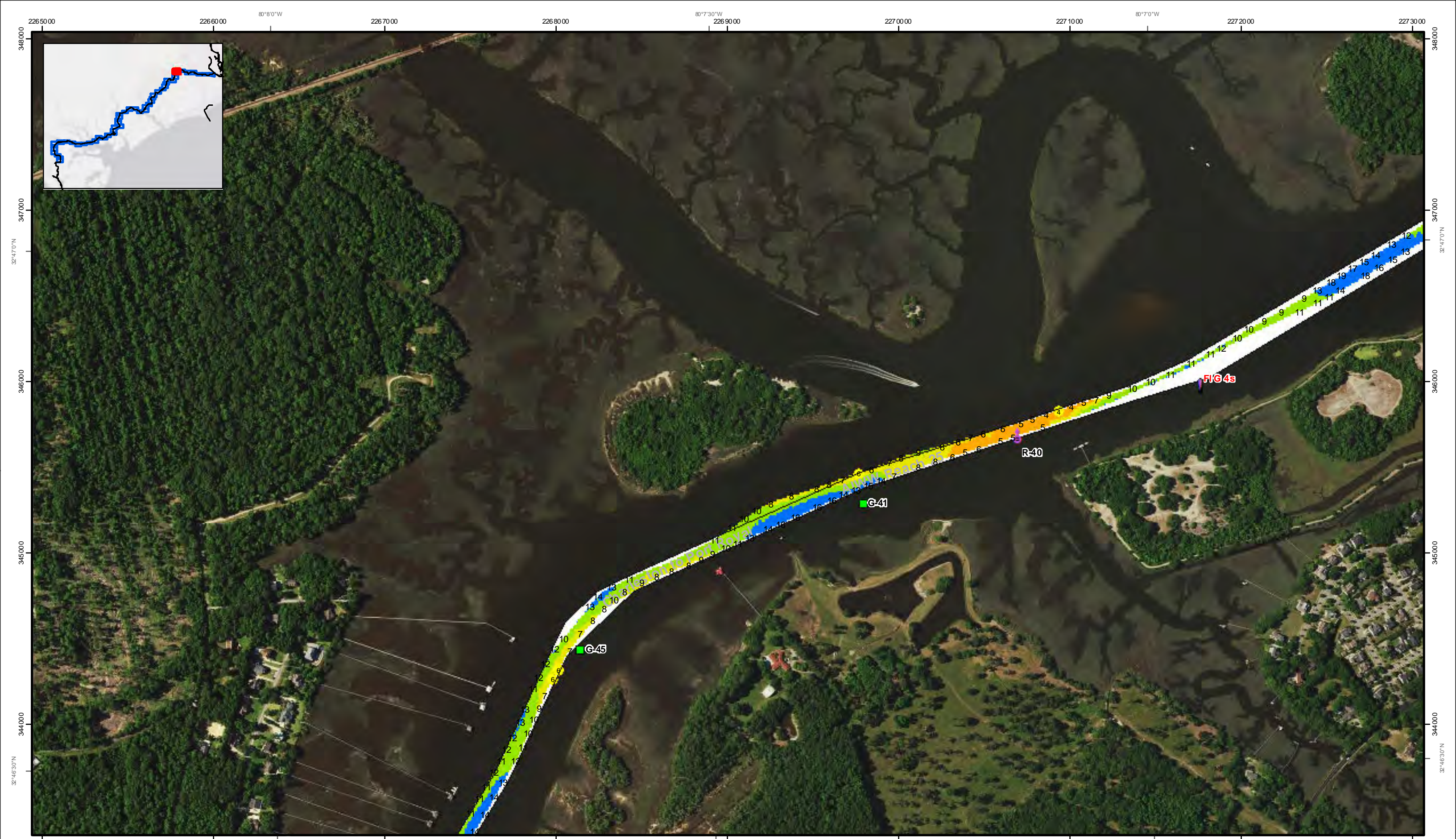
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USCG Beacon	USCG Buoy	White
Green	Green	Yellow
Red	Red	USCG Light
White	Coast Guard Racon	

Depth in feet
 0-3 3-6 6-9 9-12 Greater Than 12
 0 250 500 1,000 1,500 Feet

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 CESAC-GIS@USACE.ARMY.MIL

Designed By: **Hydro Software v3.82**
 Reviewed By: **CCW**
 Reference Scale: **1 inch = 500 feet**
 Projection: **NAD 1983 StatePlane South Carolina FIPS 3000 Feet**

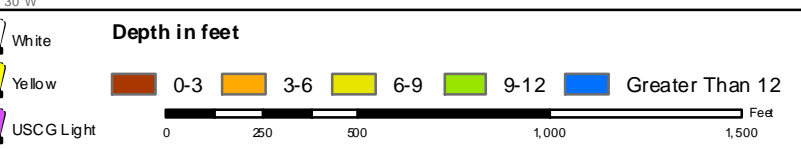
Survey Date: **17 NOV 2016**
 Production Date: **23 NOV 2016**
 Project Reference Number: **CESAC-PRA-0001**
 Survey Type: **Condition**

Shoalest Sounding
 Sounding may cover several point areas and is calculated per reach quarter area
 "+" indicates sounding above MLLW

USCG Beacon
 Green
 Red
 White

USCG Buoy
 Green
 Red
 Coast Guard Racon

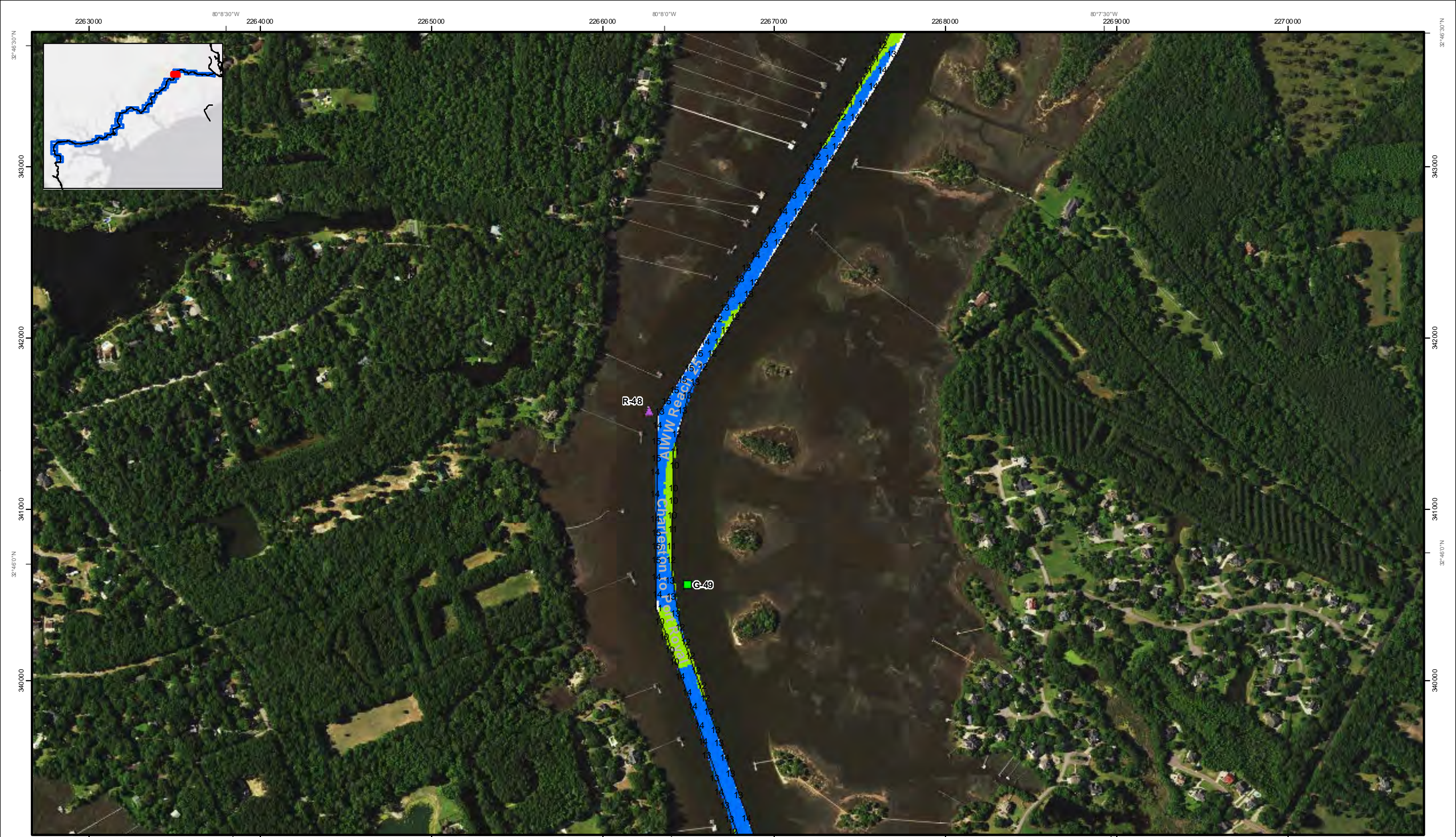
USCG Light
 White
 Yellow



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Reviewed By: **CCW**
Reference Scale: **1 inch = 500 feet**
Projection: **NAD 1983 StatePlane South Carolina FIPS 3000 Feet**

Survey Date: **17 NOV 2016**
Production Date: **23 NOV 2016**
Project Reference Number: **CESAC-PRA-0001**
Survey Type: **Condition**

Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
"±" indicates sounding above MLLW

USCG Beacon
Green
Red
White

USCG Buoy
Green
Red
Coast Guard Racon

White
Yellow
USCG Light

Depth in feet

0-3	3-6	6-9	9-12	Greater Than 12
-----	-----	-----	------	-----------------

0 250 500 1,000 1,500 Feet



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4. Raster Background: Aerial Imagery (Image Basemap dated 2010 - 2011)

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226300 80°8'30"W 226400 226500 226600 80°8'0"W 226700 226800 80°7'30"W 226900 227000



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Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Project to: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

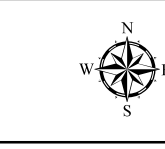
Shoalest Sounding
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Sounding	Green USCG Beacon	Green USCG Buoy	White USCG Light
Red Sounding	Red USCG Beacon	Red USCG Buoy	Coast Guard Racon
White Sounding	White USCG Beacon		

Depth in feet

0-3	3-6	6-9	9-12	Greater Than 12
-----	-----	-----	------	-----------------

0 250 500 1,000 1,500 Feet



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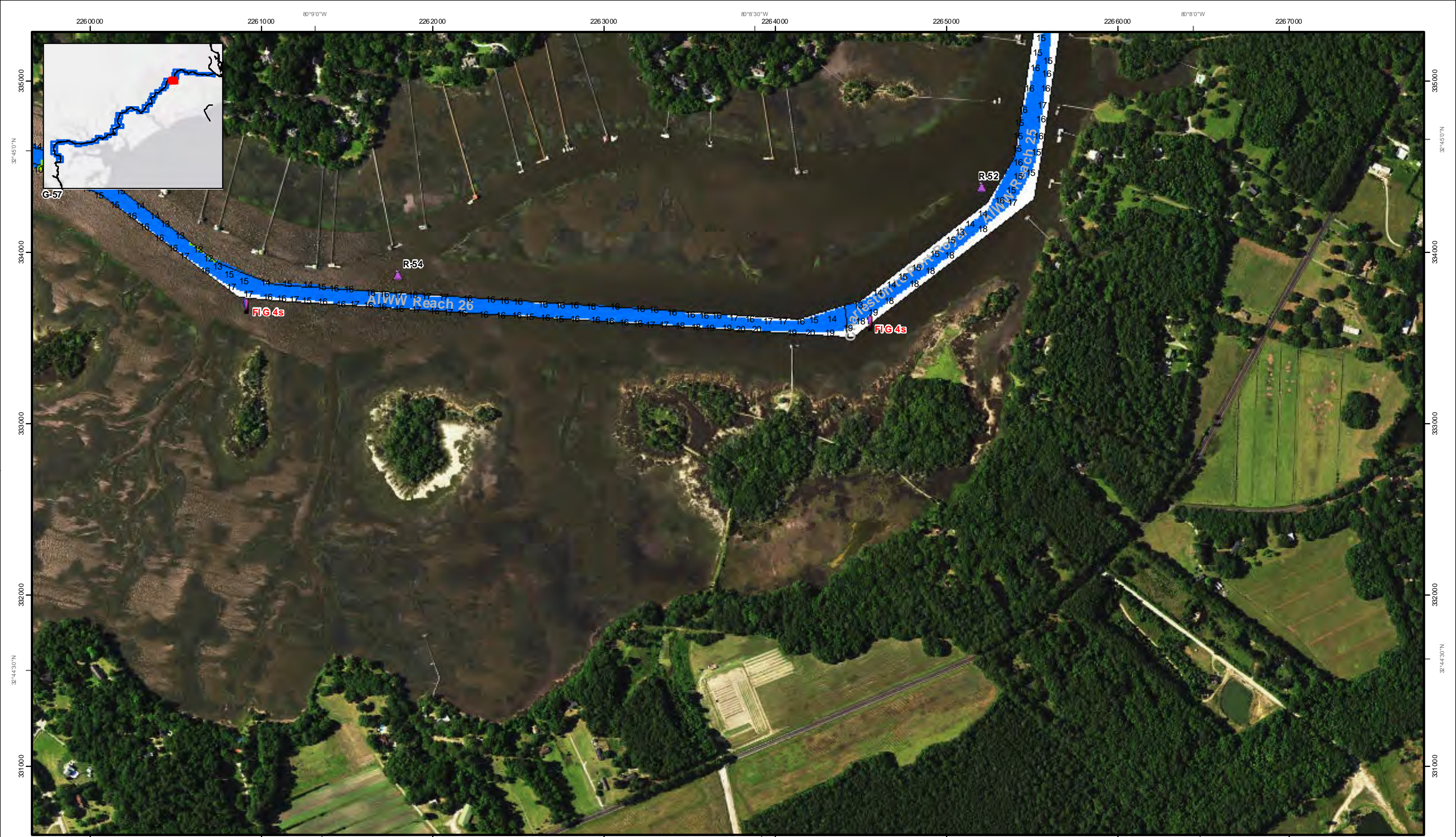


226300 226400 226500 226600 226700 226800 226900 227000

335000 336000 337000 338000 339000

335000 336000 337000 338000 339000

32°45'30"N 32°45'30"N 32°45'30"N 32°45'30"N 32°45'30"N



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 Projection: **NAD 1983 StatePlane South Carolina FIPS 3000 Feet**

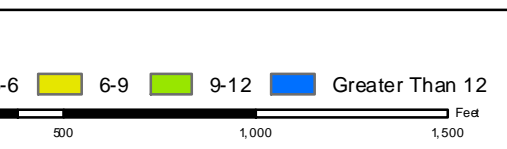
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 Production Date: **23 NOV 2016**
 Project Reference Number: **CEBAC-PRA-0001**
 Survey Type: **Condition**

Shoalest Sounding
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USCG Beacon
 Green
 Red
 White

USCG Buoy
 Green
 Red
 Coast Guard Racon

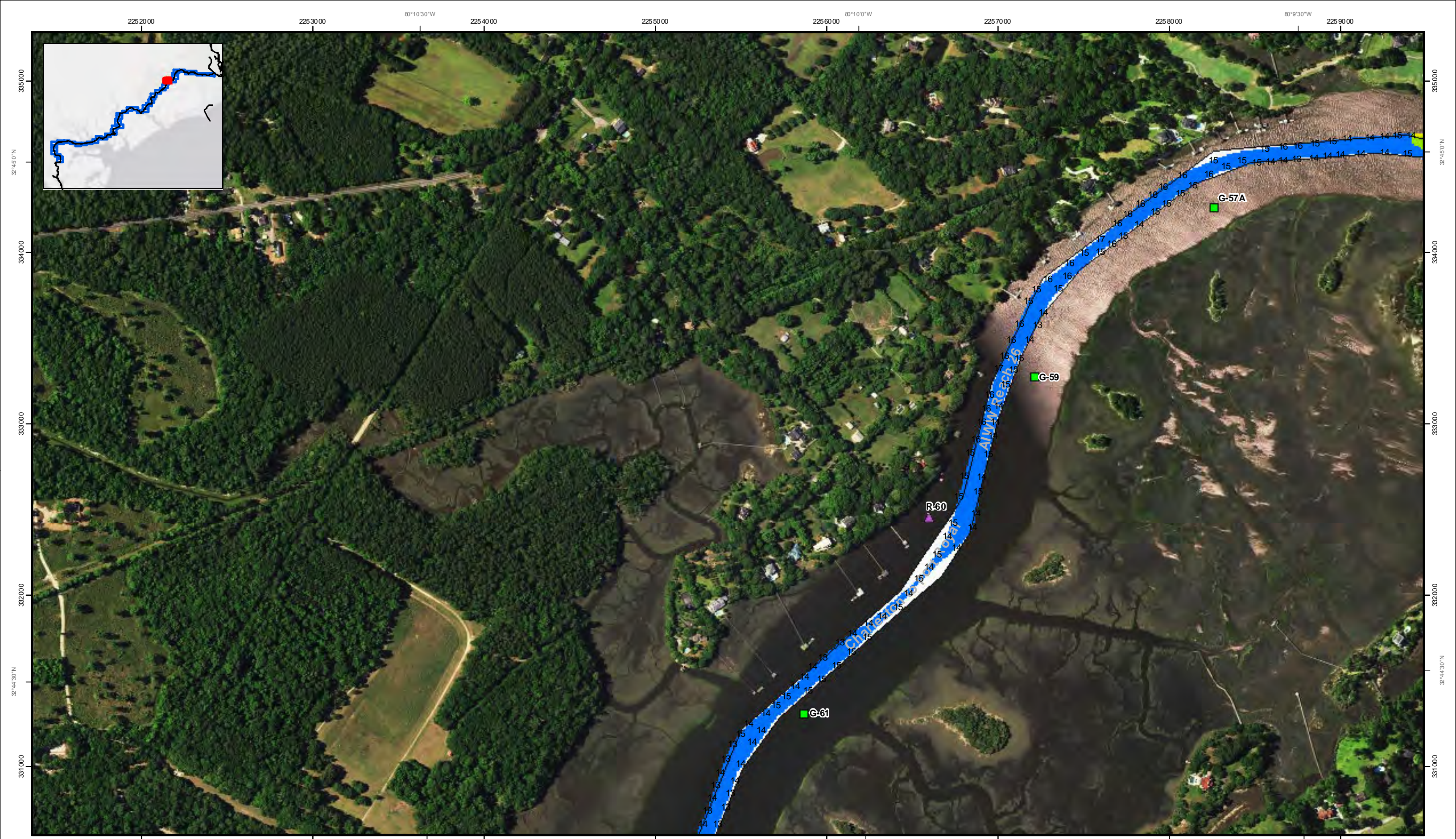
USCG Light
 White
 Yellow



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 4. Racon B acrop soundA GIS Online Image Basemap dated 2010 - 2011

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USCG Beacon
Green
Red
White

USCG Buoy
Green
Red
Coast Guard Racon

USCG Light
White
Yellow

Depth in feet

0-3	3-6	6-9	9-12	Greater Than 12
-----	-----	-----	------	-----------------

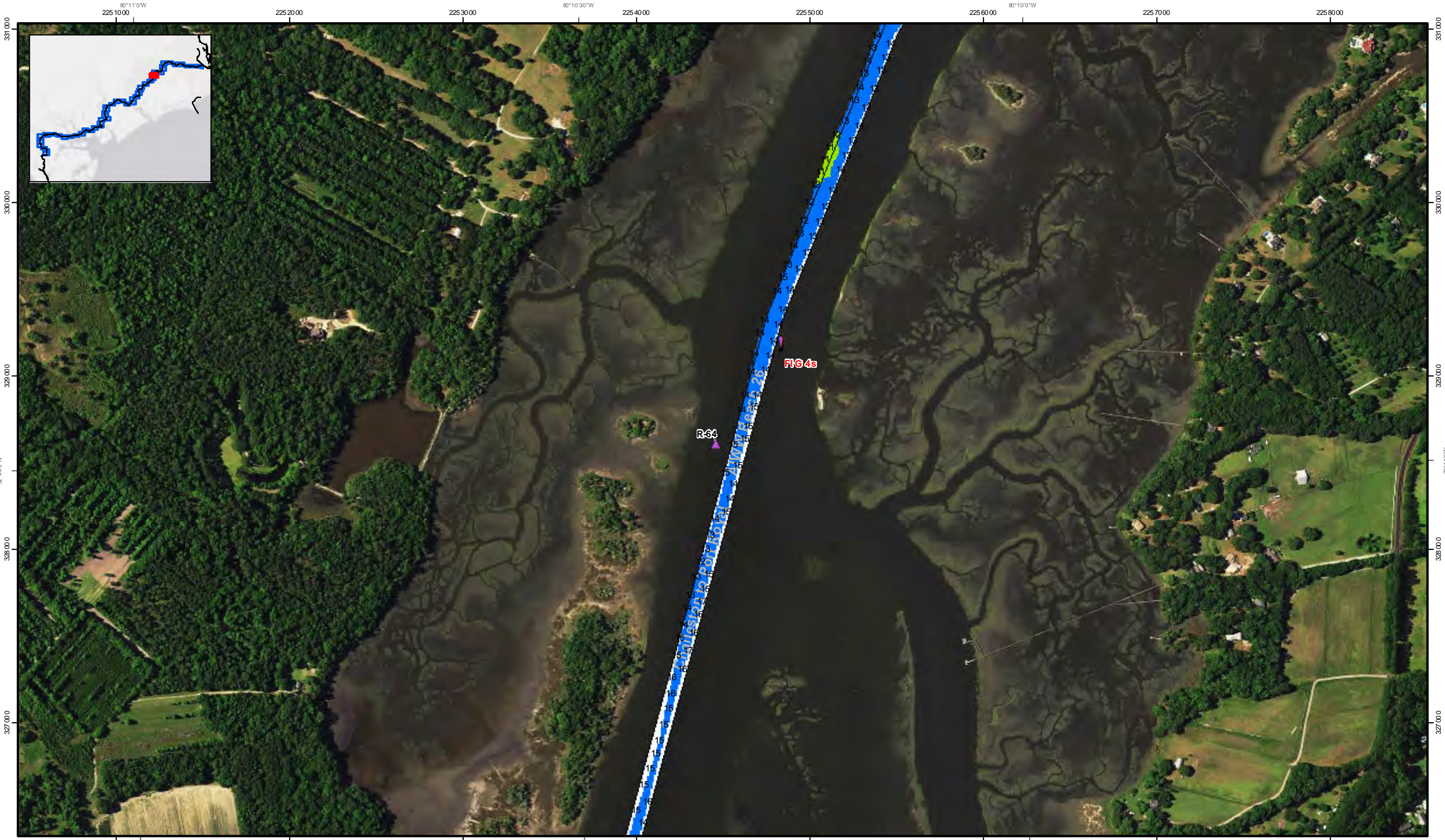
0 250 500 1,000 1,500 Feet



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Shoalest Sounding
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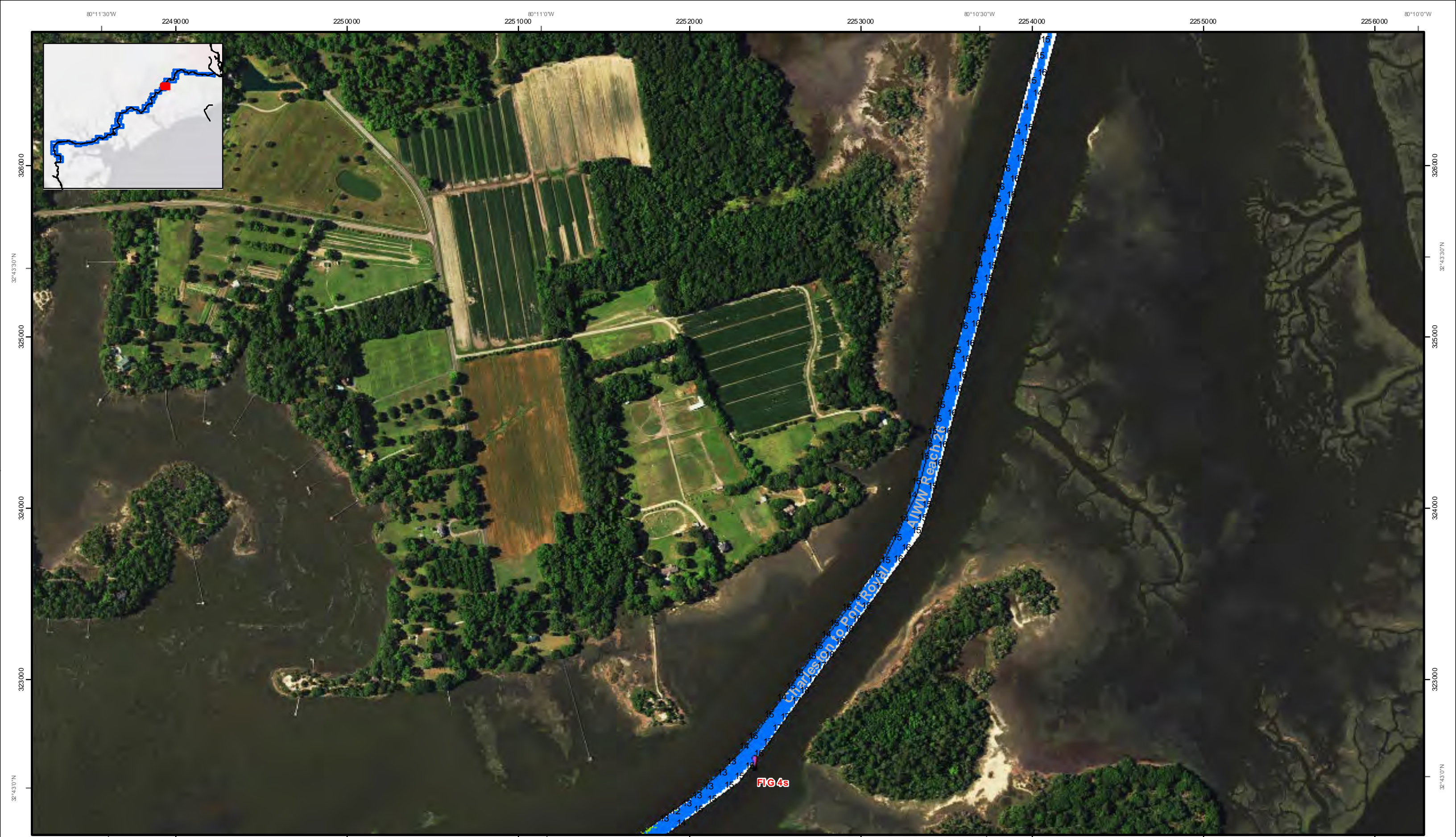
USCG Beacon Green Red White	USCG Buoy Green Red Coast Guard Racon	White Yellow USCG Light
---	---	-------------------------------

Depth in feet
 0-3 3-6 6-9 9-12 Greater Than 12
 0 250 500 1,000 1,500 Feet

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Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
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● Sounding	■ Green	● Green	○ White
	▲ Red	● Red	○ Yellow
	□ White	○ Coast Guard Racon	○ USC Light

Depth in feet

0-3	3-6	6-9	9-12	Greater Than 12
-----	-----	-----	------	-----------------

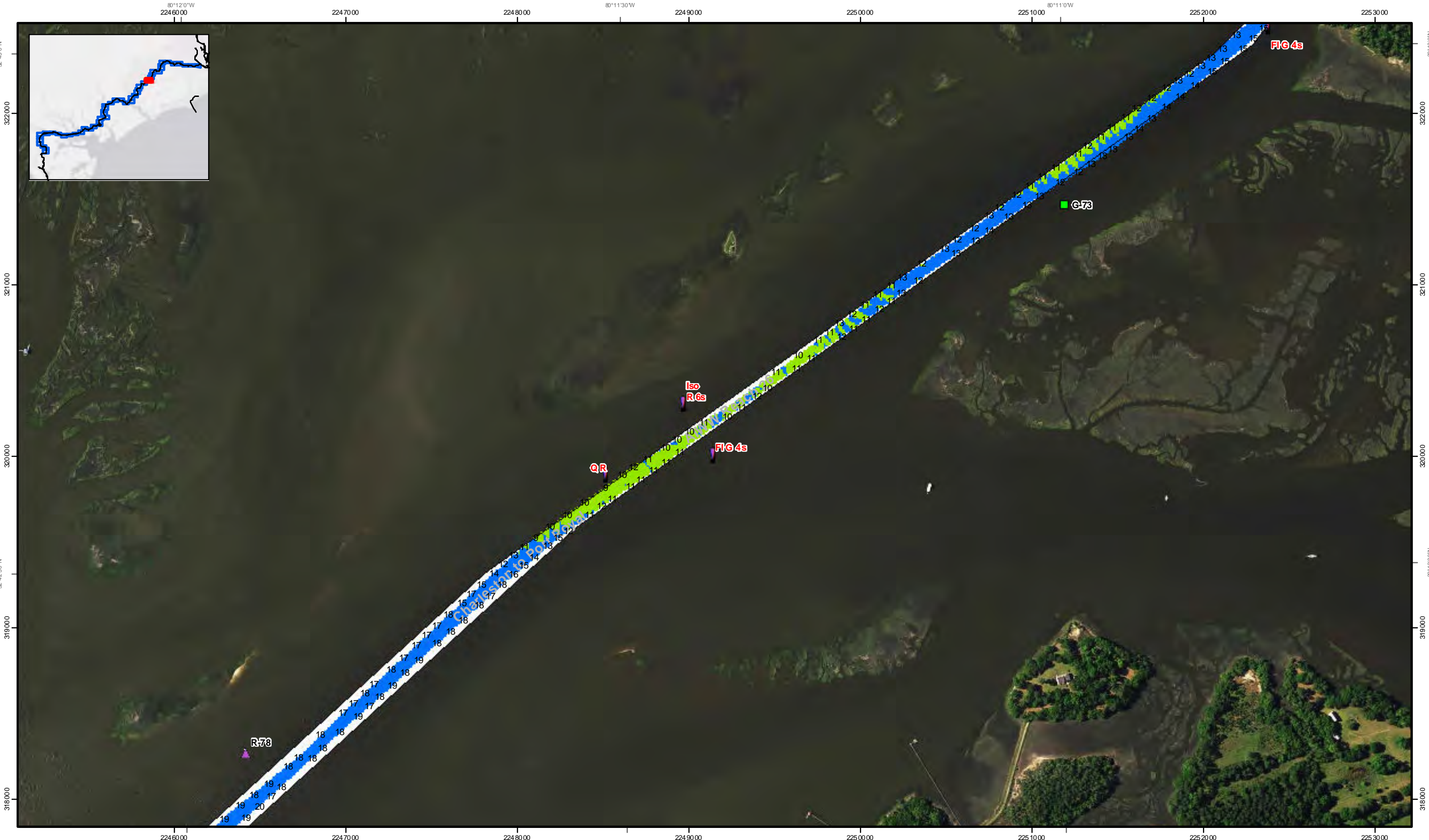
0 250 500 1,000 1,500 Feet



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SHEET REFERENCE NUMBER
C003

Atlantic Intra-coastal Waterway (AIWW) Channel Survey
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: **17 November 2016**
Charleston, SC to Port Royal, SC

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

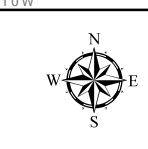
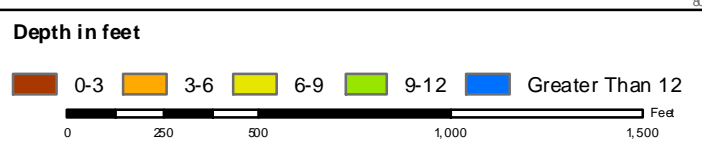
Designed By: eHydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CESAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
"±" indicates sounding above MLLW

USCG Beacon
Green
Red
White

USCG Buoy
Green
Red
Coast Guard Racon

White
Yellow
USCG Light



Production Notes:
1. The information depicted on this product is for planning purposes only.
2. Vector hydrographic data derived from surveys conducted by the USACE and approved partners.
3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).
4. Raster background is USGS Online Image Base Map dated 2010 - 2011.

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SHEET
REFERENCE
NUMBER
C003
Page 1 of 50

Atlantic Intra-coastal Waterway (AIW) Channel Survey
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 Concluded on: **17 November 2016**
 Charleston, SC to Port Royal, SC

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: Hydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CEBAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Foot		

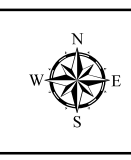
Shoalest Sounding
 Sounding may cover several point areas and is calculated per reach quarter area
 "+" indicates sounding above MLLW

Sounding	USCG Beacon Green	USCG Buoy Green	White
	USCG Beacon Red	USCG Buoy Red	USCG Light
	White	Coast Guard Racon	

Depth in feet

0-3	3-6	6-9	9-12	Greater Than 12
-----	-----	-----	------	-----------------

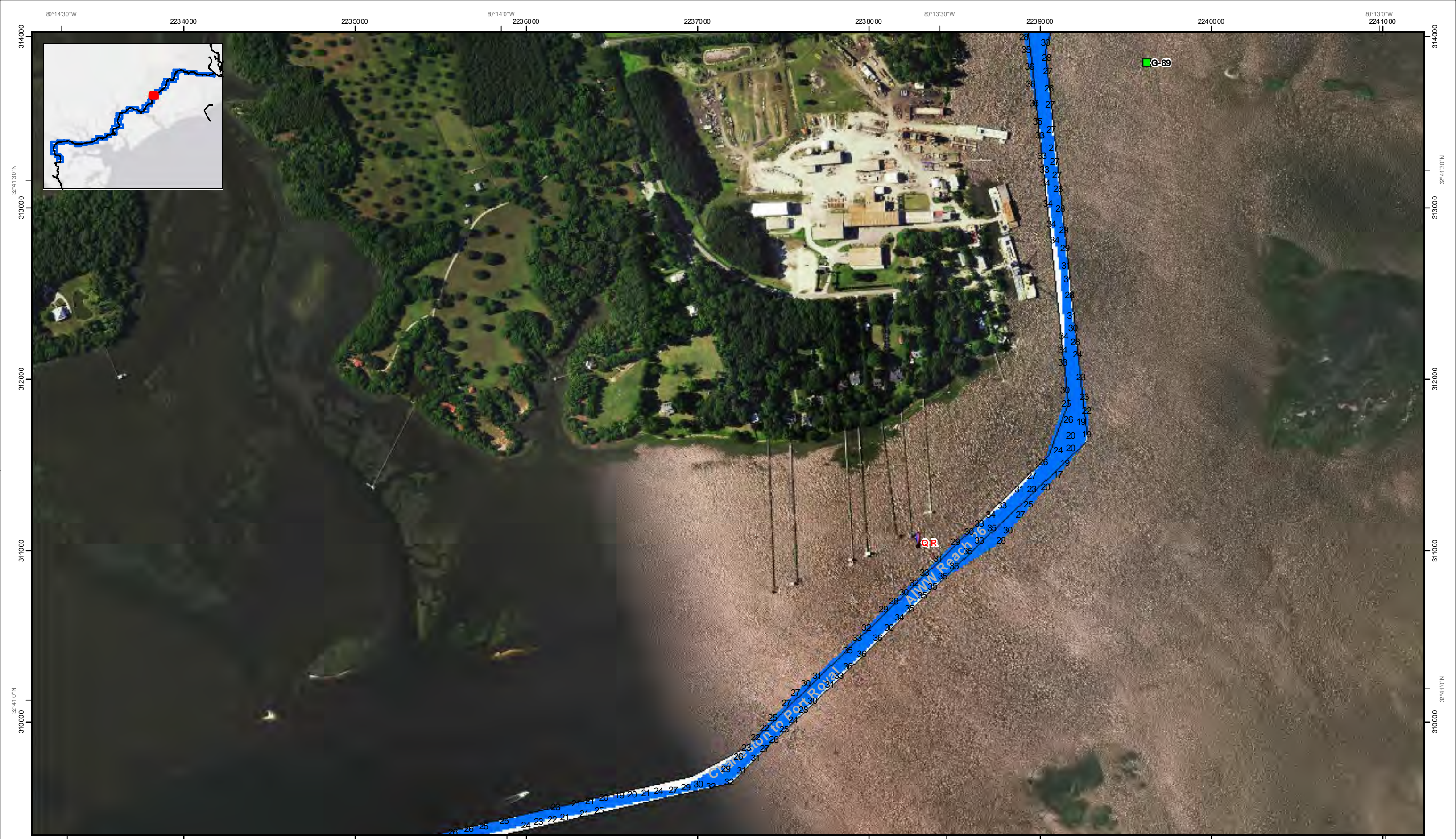
0 250 500 1,000 1,500 Feet



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 4. Racon background is USGS Online Image Base map dated 2010 - 2011.

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SHEET REFERENCE NUMBER
C003

Atlantic Intra-coastal Waterway (AIW) Channel Survey
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Concluded on: **17 November 2016**
Charleston, SC to Port Royal, SC

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

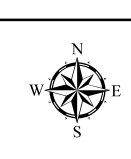
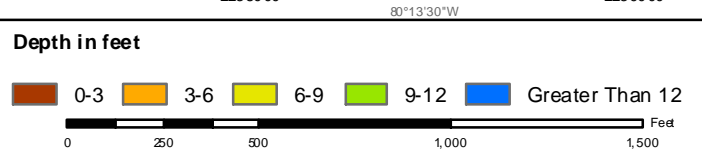
Designed By: eHydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CESAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
"±" indicates sounding above MLLW

USCG Beacon
Green
Red
White

USCG Buoy
Green
Red
Coast Guard Racon

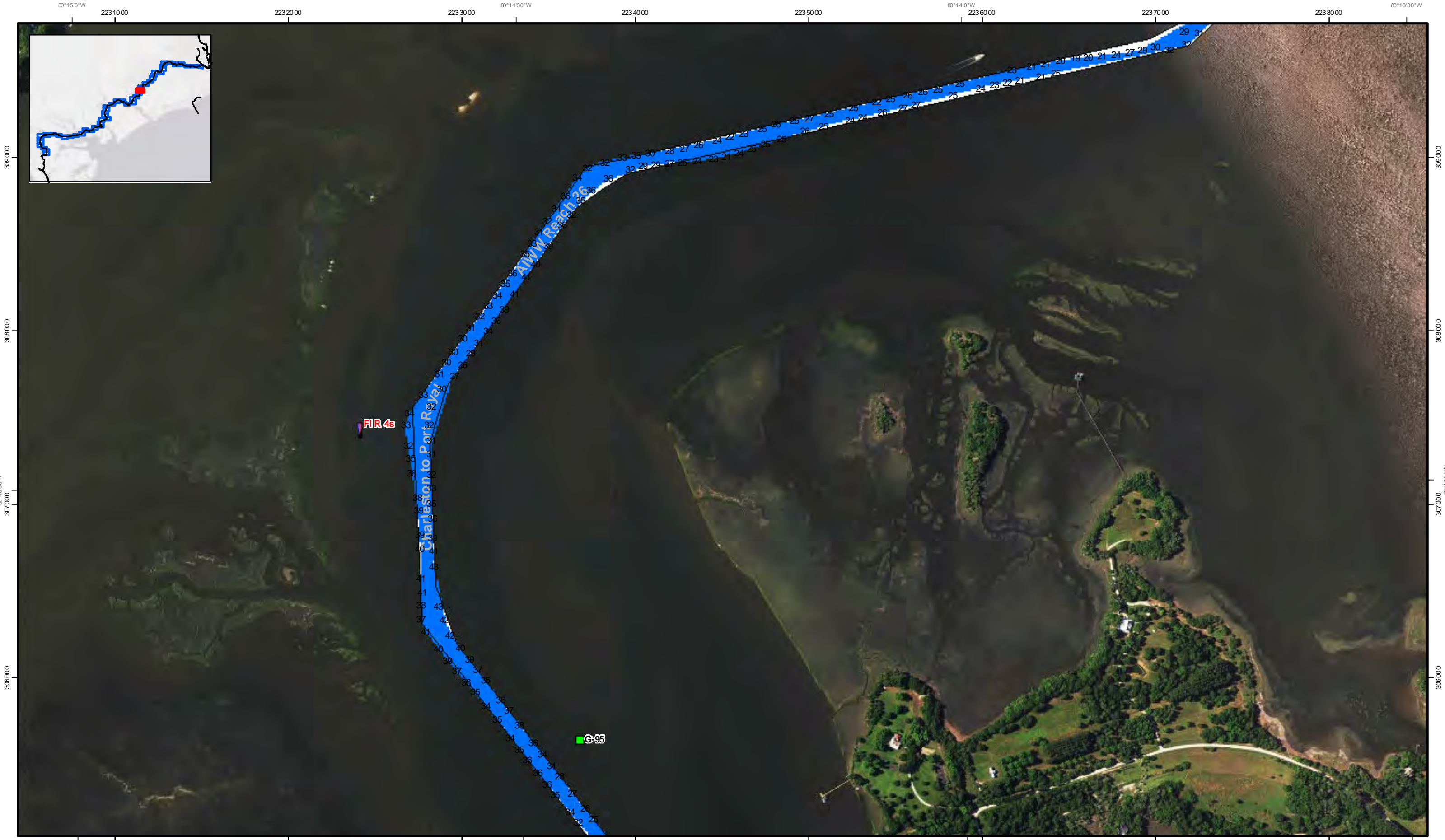
USCG Light
White
Yellow



Production Notes:
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3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).
4. Raster background is a GIS Online Image Basemap dated 2010 - 2011.

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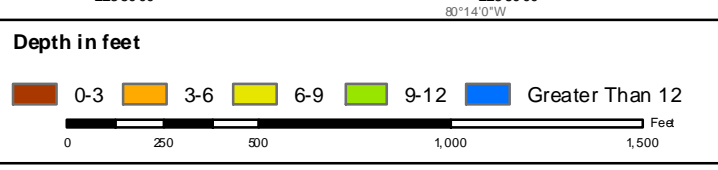
SHEET REFERENCE NUMBER
C003
 Page 17 of 50

Atlantic Intra-coastal Waterway (AIWW) Channel Survey
 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: **17 November 2016**
 Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT CORPSON 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: CCW Reference Scale: 1 inch = 500 feet Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet	Survey Date: 17 NOV 2016 Project Reference Number: CEBAC-PRA-0001 Survey Type: Condition	Production Date: 23 NOV 2016
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Shoalest Sounding
 Sounding may cover several point areas and is calculated per reach quarter area
 "+" indicates sounding above MLLW

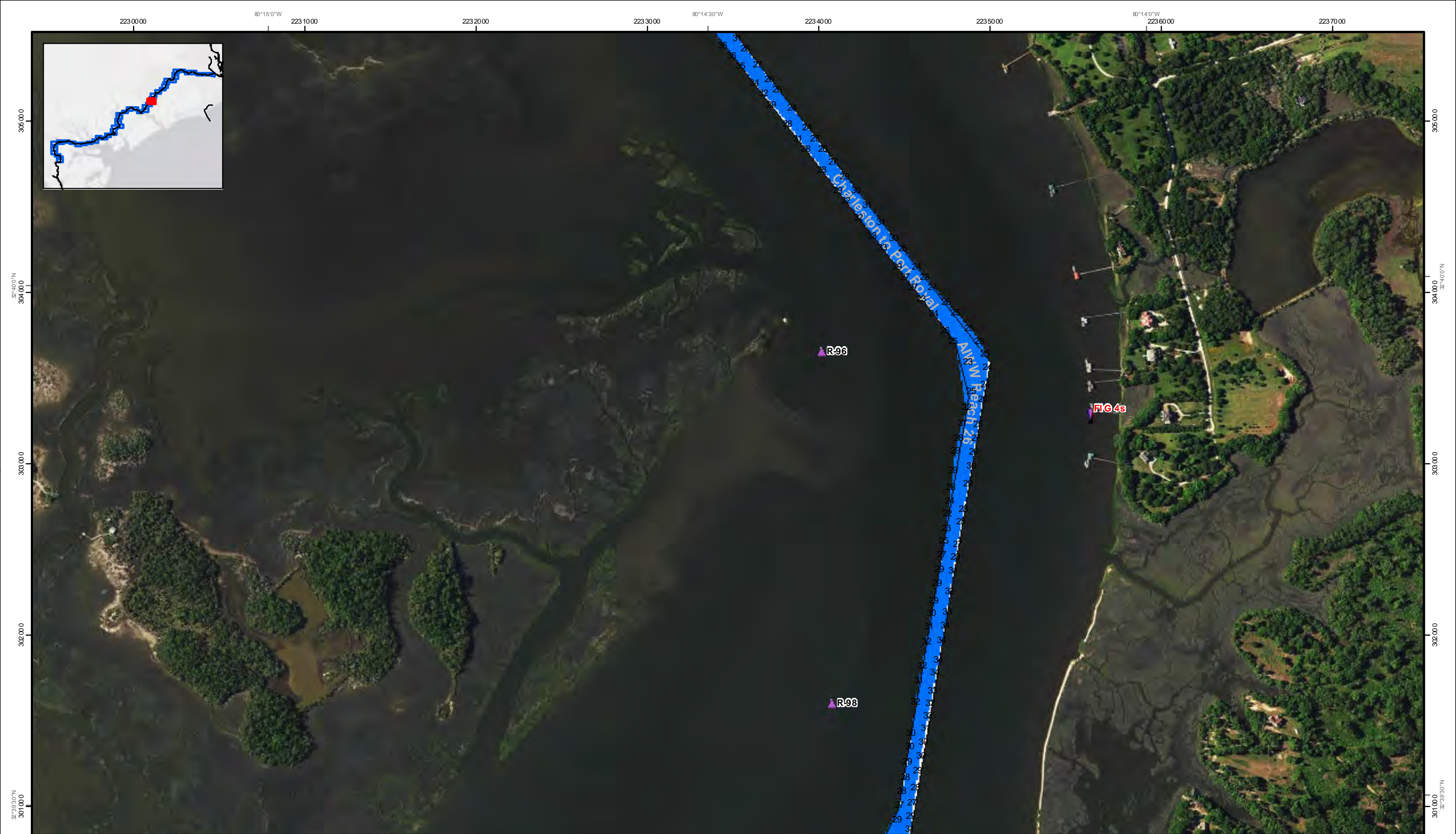
USCG Beacon Green Red White	USCG Buoy Green Red Coast Guard Racon	White Yellow USCG Light
---	---	-------------------------------



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 4. Raster Background: NAD 83 Online Image Basemap dated 2010 - 2011.

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U.S. Army Corps of Engineers
 Charleston District



SHEET REFERENCE NUMBER C003 Page 18 of 50	Atlantic Intra-coastal Waterway (AMW) Channel Survey 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: 17 November 2016 Charleston, SC to Port Royal, SC	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: CCW Reference Scale: 1 inch = 500 feet Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet	Survey Date: 17 NOV 2016 Project Reference Number: CEBAC-PRA-0001 Survey Type: Condition	Production Date: 23 NOV 2016
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Shoalest Sounding Sounding may cover several point areas and is calculated per reach quarter area "+" indicates sounding above MLLW	USCG Beacon Green Red White	USCG Buoy Green Red Coast Guard Racon	White Yellow USCG Light	Depth in feet 0-3 3-6 6-9 9-12 Greater Than 12 0 250 500 1,000 1,500 Feet
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Production Notes:

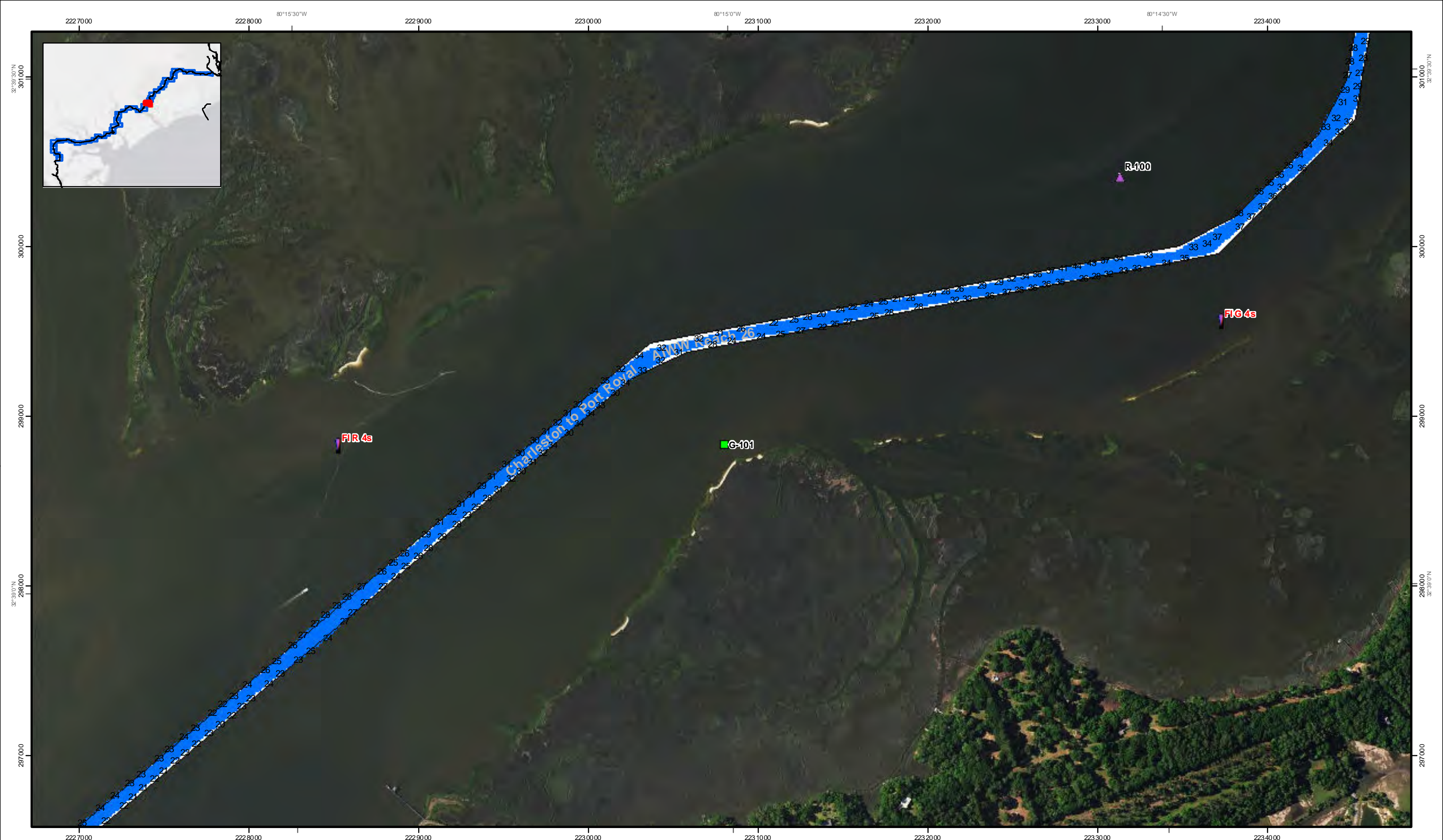
- The information depicted on this product is for planning purposes only.
- Vector hydrographic data derived from surveys conducted by the USACE and approved partners.
- Soundings are in feet and refer to Mean Lower Low Water (MLLW).
- Raster background is USGS Online Image Basemap dated 2010 - 2011.

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Charleston District



SHEET
REFERENCE
NUMBER
C003
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Atlantic Intra-coastal Waterway (AIWW) Channel Survey
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 Concluded on: **17 November 2016**
 Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT
 CORPSON ENGINEERS
 CHARLESTON, SOUTH CAROLINA
 SPATIAL DATA BRANCH
 69A HAGOOD AVE
 CHARLESTON, SC 29403
 CESAC-GIS@USACE.ARMY.MIL

Designed By: eHydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CESAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

Shoalest Sounding
 Sounding may cover several point areas and is calculated per reach quarter area
 "+" indicates sounding above MLLW

Sounding	Green	Green	White	White
	Red	Red	Yellow	USC G Light
	White	Coast Guard Racon		

Depth in feet

0-3	3-6	6-9	9-12	Greater Than 12
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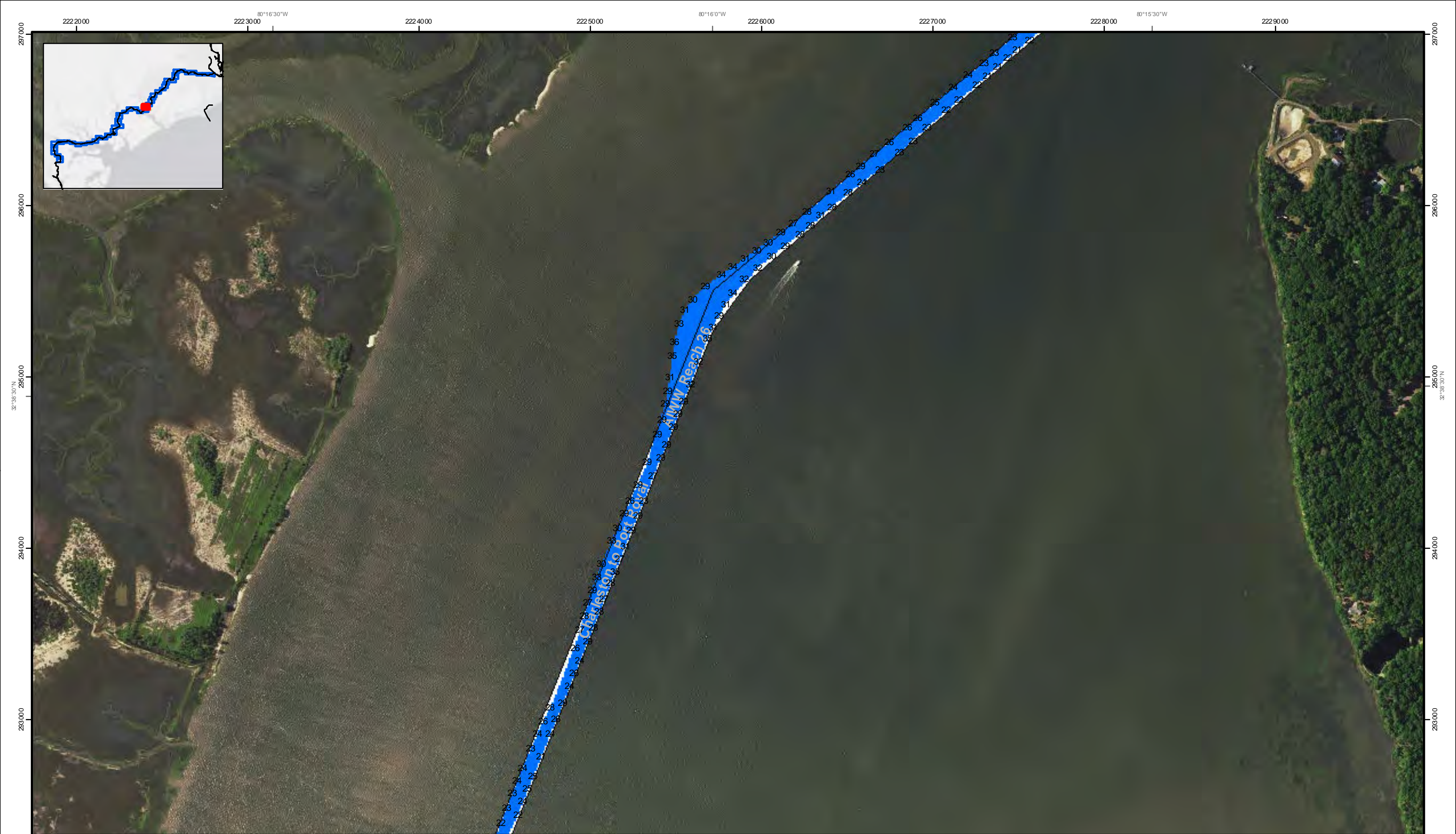
0 250 500 1,000 1,500 Feet



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SHEET REFERENCE NUMBER
C003
Page 20 of 50

Atlantic Intra-Coastal Waterway (AIWW) Channel Survey
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Concluded on: **17 November 2016**
Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA
SPATIAL DAT ABRANCH
69A HAGOOD AVE
CHARLESTON, SC 29403
CESAC-GIS@USACE.ARMY.MIL

Designed By: eHydro Software v3.8.2	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CESAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

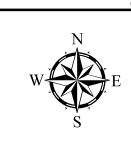
Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
"±" indicates sounding above MLLW

● Sounding	■ Green ■ Red ■ White	● Green ● Red ● Coast Guard Racon	○ White ○ Yellow ○ USC Light
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Depth in feet

■ 0-3	■ 3-6	■ 6-9	■ 9-12	■ Greater Than 12
-------	-------	-------	--------	-------------------

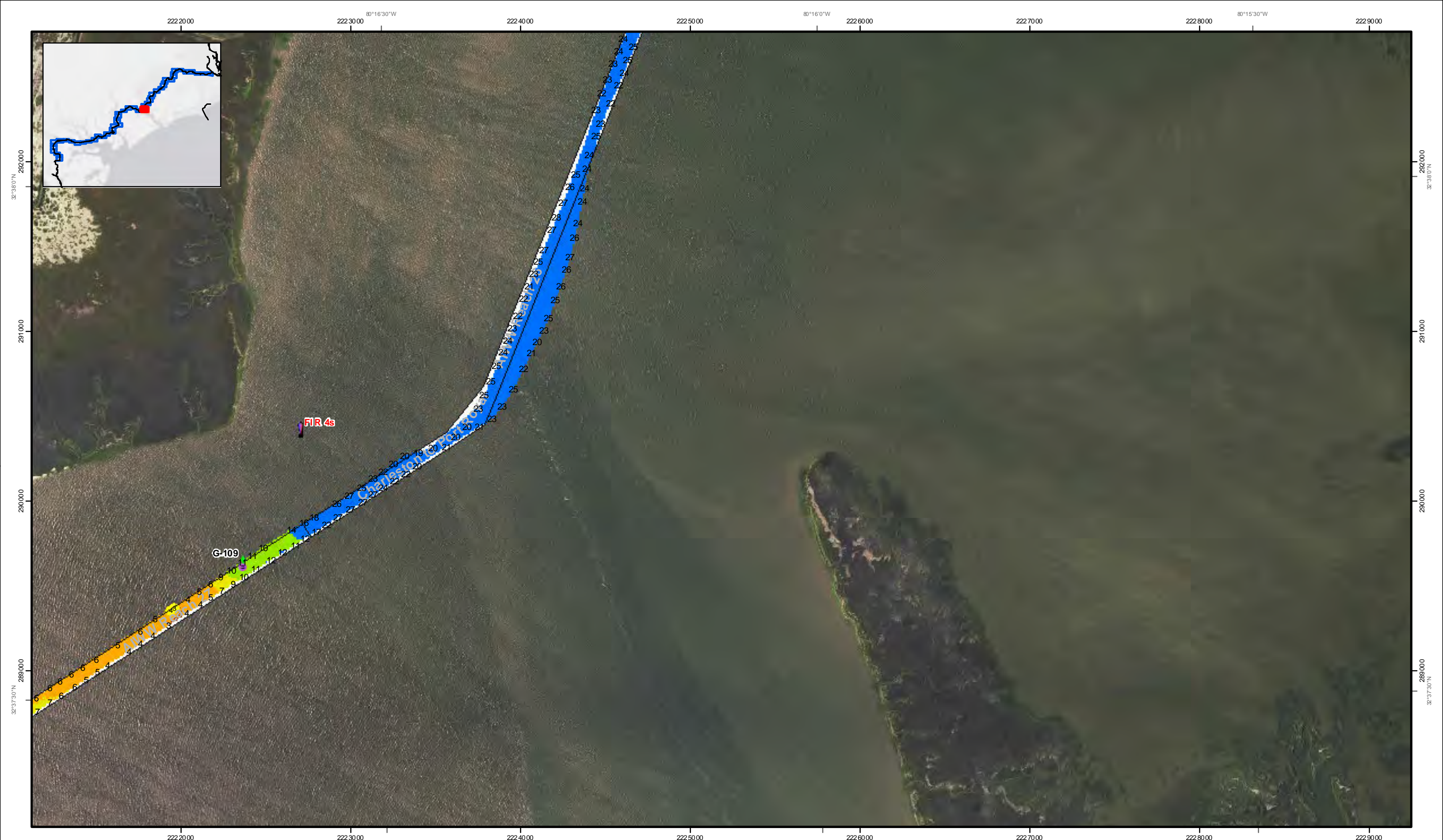
0 250 500 1,000 1,500 Feet



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SHEET
REFERENCE
NUMBER
C003
Page 21 of 50

Atlantic Intra-coastal Waterway (AIW) Channel Survey
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 Concluded on: **17 November 2016**
 Charleston, SC to Port Royal, SC

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

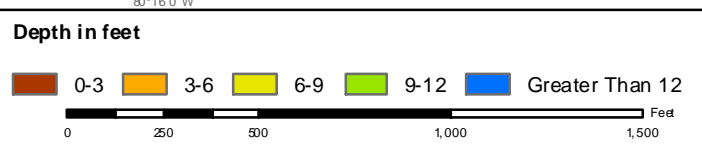
Designed By: **eHydro Software v3.8.2**
 Reviewed By: **CCW**
 Reference Scale: **1 inch = 500 feet**
 Projection: **NAD 1983 StatePlane South Carolina FIPS 3000 Feet**
 Survey Date: **17 NOV 2016**
 Project Reference Number: **CESAC-PRA-0001**
 Survey Type: **Condition**
 Production Date: **23 NOV 2016**

Shoalest Sounding
 Sounding may cover several point areas and is calculated per reach quarter area
 "+" indicates sounding above MLLW

USCG Beacon
 Green
 Red
 White

USCG Buoy
 Green
 Red
 Coast Guard Racon

USCG Light
 White
 Yellow

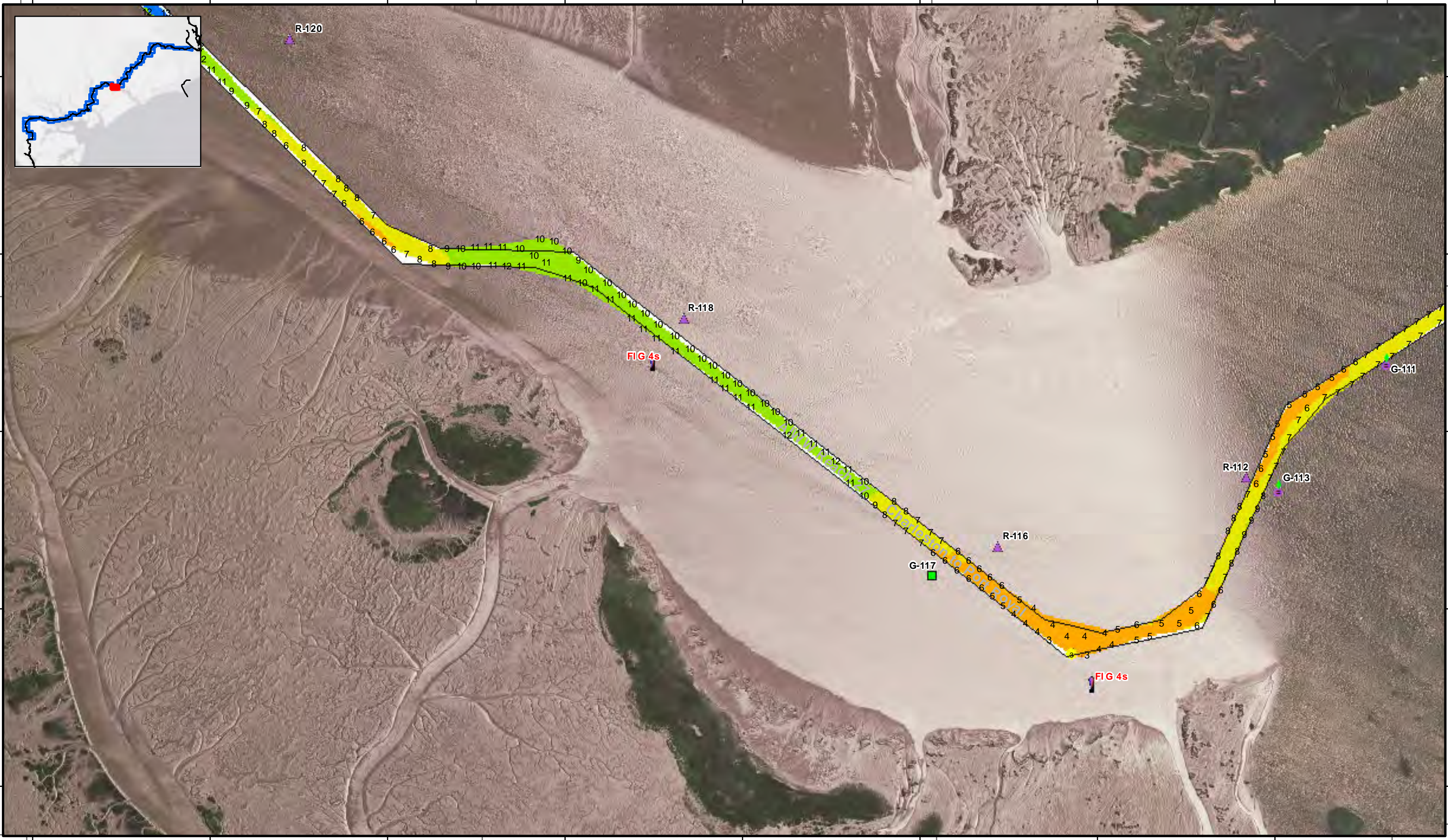


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80°18'30"W 2213000 2214000 2215000 80°18'0"W 2216000 2217000 80°17'30"W 2218000 2219000 222000 80°17'0"W



2213000 2214000 2215000 80°18'0"W 2216000 2217000 2218000 80°17'30"W 2219000 222000 80°17'0"W

SHEET
REFERENCE
NUMBER
C003
Page 22 of 50

Atlantic Intracoastal Waterway (AIW) Channel Survey
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Concluded on: **17 November 2016**
Charleston, SC to Port Royal, SC

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: **Hydro Software v3.82**
Reviewed By: **CCW**
Reference Scale: **1 inch = 500 feet**
Projection: **NAD 1983 StatePlane South Carolina FIPS 3000 Feet**
Survey Date: **17 NOV 2016**
Production Date: **23 NOV 2016**
Project Reference Number: **CESAC-PRA-0001**
Survey Type: **Condition**

Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
"±" indicates sounding above MLLW

USCG Beacon
Green
Red
White

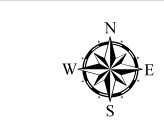
USCG Buoy
Green
Red
Coast Guard Racon

USCG Light
White
Yellow

Depth in feet

0-3	3-6	6-9	9-12	Greater Than 12
-----	-----	-----	------	-----------------

0 250 500 1,000 1,500 Feet



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4. Racon ID is provided in the Online Image Base map dated 2010 - 2011.

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SHEET REFERENCE NUMBER
C003
 Page 23 of 50

Atlantic Intra-coastal Waterway (AMW) Channel Survey
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 Concluded on: **17 November 2016**
 Charleston, SC to Port Royal, SC

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: Hydro Software v3.82 Reviewed By: CCW Reference Scale: 1 inch = 500 feet Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet	Survey Date: 17 NOV 2016 Project Reference Number: CEBAC-PRA-0001 Survey Type: Condition	Production Date: 23 NOV 2016
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Shoalest Sounding
 Sounding may cover several point areas and is calculated per reach quarter area
 "+" indicates sounding above MLLW

USCG Beacon Green Red White	USCG Buoy Green Red Coast Guard Racon	White Yellow USCG Light
---	---	-------------------------------

Depth in feet
 0-3 3-6 6-9 9-12 Greater Than 12
 0 250 500 1,000 1,500 Feet

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 3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).
 4. Racon Background is GIS Online Image Base map dated 2010 - 2011.

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SHEET
REFERENCE
NUMBER
C003
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Atlantic Intra-coastal Waterway (AIW) Channel Survey
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 Concluded on: **17 November 2016**
 Charleston, SC to Port Royal, SC

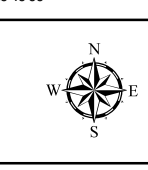
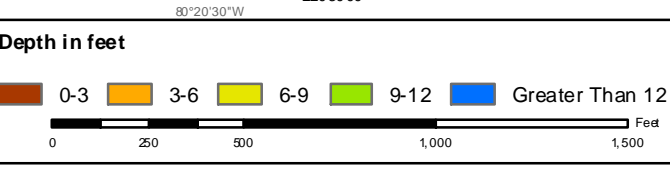
U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 CHARLESTON, SOUTH CAROLINA
 SPATIAL DATA BRANCH
 69A HAGOOD AVE
 CHARLESTON, SC 29403
 CESAC-GIS@USACE.ARMY.MIL

Designed By: **Hydro Software v3.82**
 Reviewed By: **CCW**
 Reference Scale: **1 inch = 500 feet**
 Projection: **NAD 1983 StatePlane South Carolina FIPS 3000 Feet**

Survey Date: **17 NOV 2016**
 Production Date: **23 NOV 2016**
 Absolute Scale: **1:6,000**
 Project Reference Number: **CESAC-PRA-0001**
 Survey Type: **Condition**

Shoalest Sounding
 Sounding may cover several point areas and is calculated per reach quarter area
 "+" indicates sounding above MLLW

Sounding	Green	USCG Buoy	White
Red	Red	Coast Guard Racon	USCG Light
White			



Production Notes:
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SHEET
REFERENCE
NUMBER
C003
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Atlantic Intra-coastal Waterway (AIW) Channel Survey
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: **17 November 2016**
Charleston, SC to Port Royal, SC

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

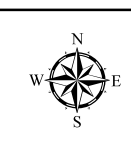
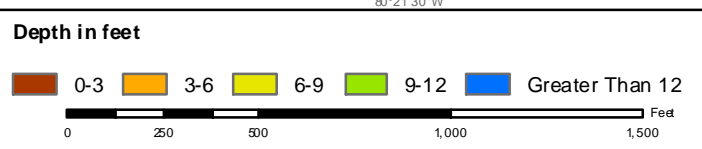
Designed By: eHydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CEBAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
"±" indicates sounding above MLLW

USCG Beacon
Green
Red
White

USCG Buoy
Green
Red
Coast Guard Racon

White
Yellow
USCG Light



Production Notes:
1. The information depicted on this product is for planning purposes only.
2. Vector hydrographic data derived from surveys conducted by the USACE and approved partners.
3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).
4. Raster background is ESRI Online Image Basemap dated 2010 - 2011.

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2184000 80°24'0"W 2185000 2186000 2187000 80°23'30"W 2188000 2189000 80°23'0"W 2190000 2191000 2192000



2184000 80°24'0"W 2185000 2186000 2187000 80°23'30"W 2188000 2189000 80°23'0"W 2190000 2191000 2192000

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REFERENCE
NUMBER
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Atlantic Intra-coastal Waterway (AIWW) Channel Survey
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Concluded on: **17 November 2016**
Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA
SPATIAL DAT ABRANCH
69A HAGOOD AVE
CHARLESTON, SC 29403
CESAC-GIS@USACE.ARMY.MIL

Designed By: eHydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CEBAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

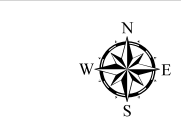
Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
"±" indicates sounding above MLLW

Sounding	USCG Beacon Green	USCG Buoy Green	White
Sounding	USCG Beacon Red	USCG Buoy Red	Yellow
Sounding	USCG Beacon White	Coast Guard Racon	USCG Light

Depth in feet

0-3	3-6	6-9	9-12	Greater Than 12
-----	-----	-----	------	-----------------

0 250 500 1,000 1,500 Feet



Production Notes:
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3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).
4. Raster background is USGS Online Image Basemap dated 2010 - 2011.

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218400 80°24'0"W 218500 218600 218700 80°23'30"W 218800 218900 80°23'0"W 219000 219100

32°36'30"N 282000 281000 280000 279000 278000

32°36'0"N 282000 281000 280000 279000 278000

218400 218500 218600 218700 80°23'30"W 218800 218900 80°23'0"W 219000 219100

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**Atlantic Intra-coastal Waterway (AIWW)
Channel Survey**
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Concluded on: **17 November 2016**
Charleston, SC to Port Royal, SC

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	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CESAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
"±" indicates sounding above MLLW

USCG Beacon
Green
Red
White

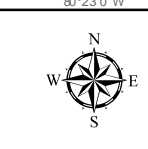
USCG Buoy
Green
Red
Coast Guard Racon

White
Yellow
USCG Light

Depth in feet

0-3	3-6	6-9	9-12	Greater Than 12
-----	-----	-----	------	-----------------

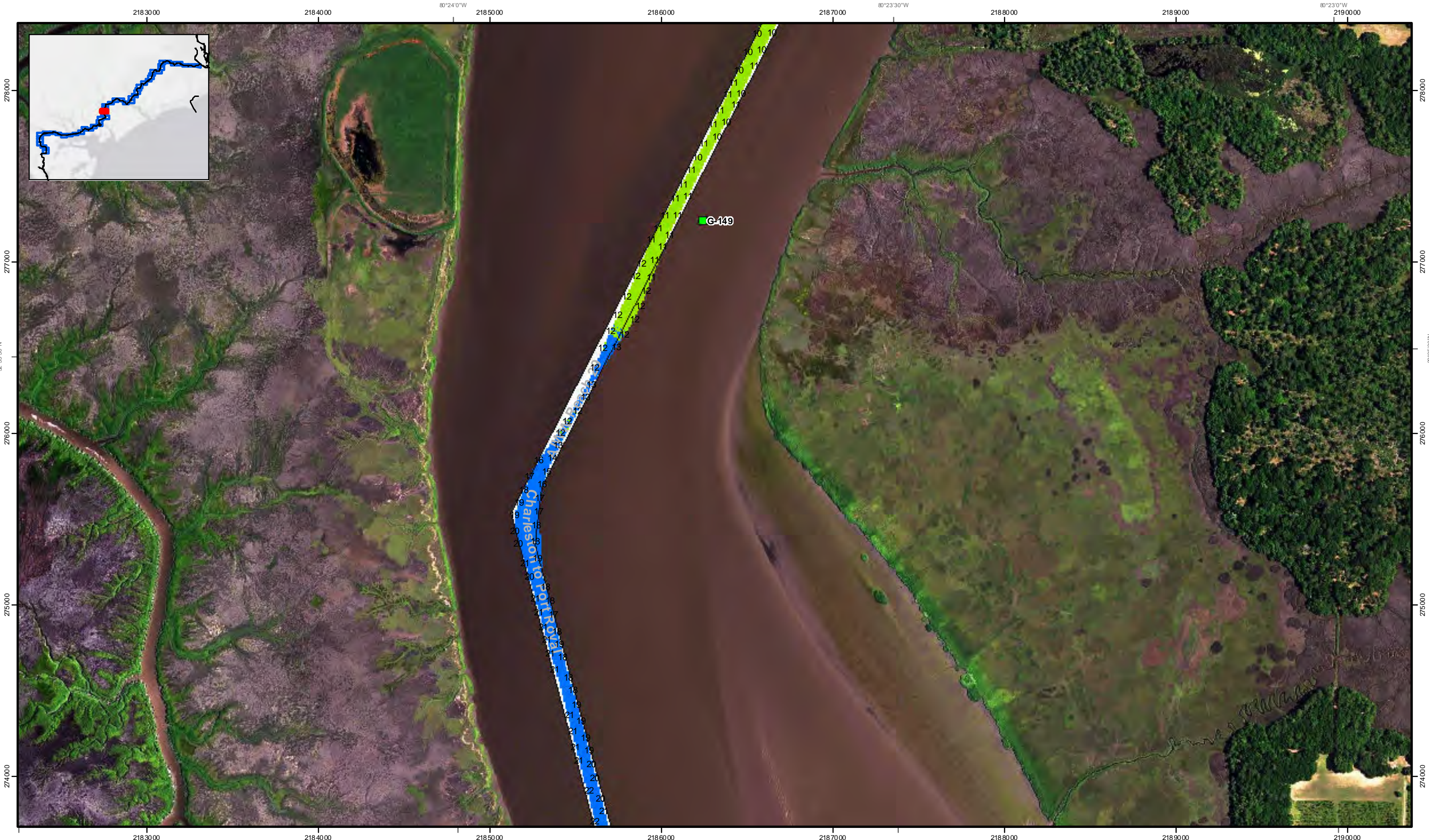
0 250 500 1,000 1,500 Feet



Production Notes:
1. The information depicted on this product is for planning purposes only.
2. Vector hydrographic data derived from surveys conducted by the USACE and approved partners.
3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).
4. Raster Background: NGS Online Image Basemap dated 2010 - 2011.

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80°24'30\"/>

Atlantic Intra-coastal Waterway (AIWW) Channel Survey
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 Concluded on: **17 November 2016**
 Charleston, SC to Port Royal, SC

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: Hydro Software v3.8.2	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CEBAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

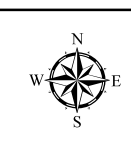
Shoalest Sounding
 Sounding may cover several point areas and is calculated per reach quarter area
 "+" indicates sounding above MLLW

Sounding	Green	USCGB Buoy	White
Red	Red	Coast Guard Racon	USCGB Light
White			

Depth in feet

0-3	3-6	6-9	9-12	Greater Than 12
-----	-----	-----	------	-----------------

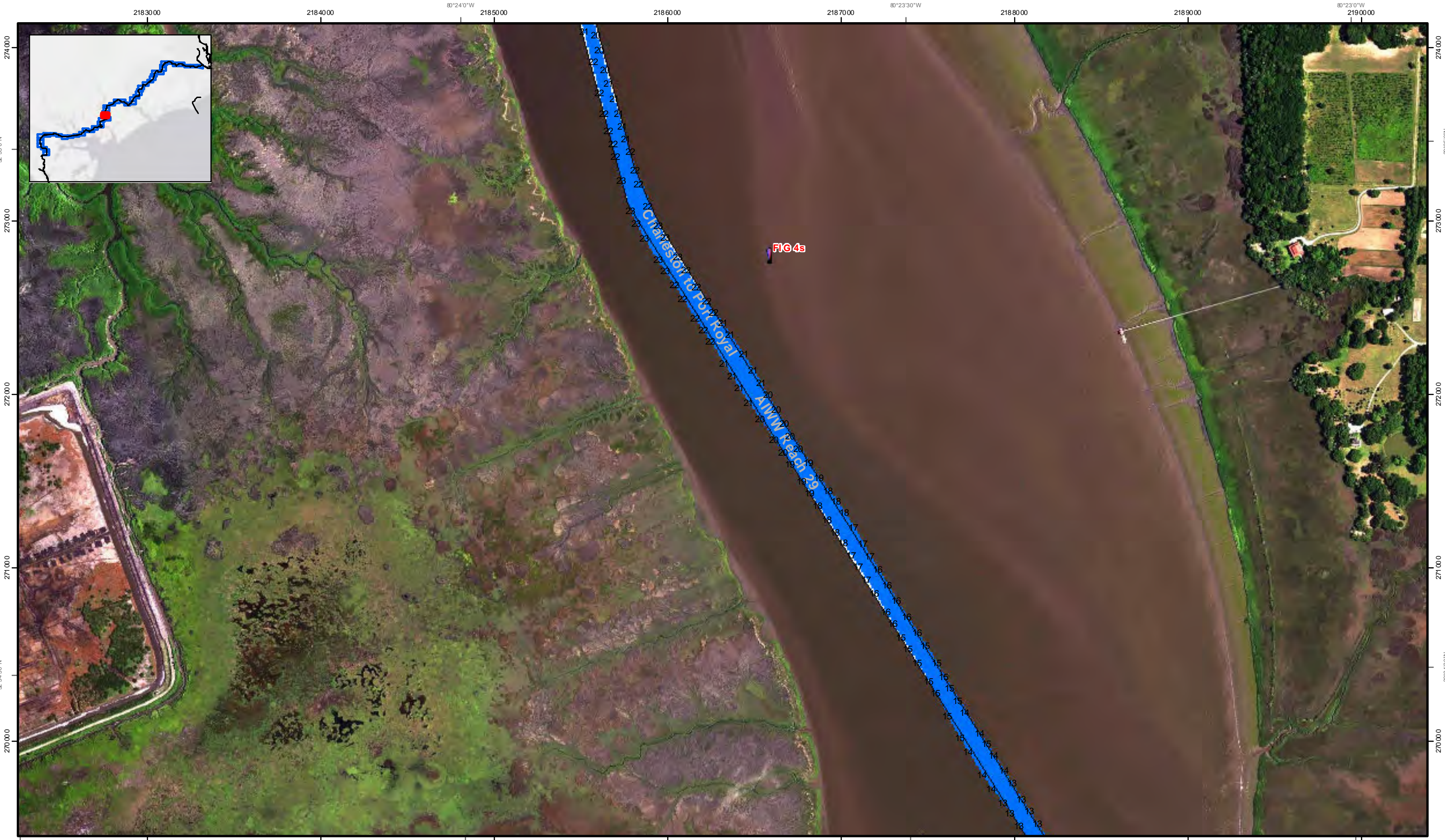
0 250 500 1,000 1,500 Feet



Production Notes:
 1. The information depicted on this product is for planning purposes only.
 2. Vector hydrographic data derived from surveys conducted by the USACE and approved partners.
 3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).
 4. Raster background is NAD 83 Online Image Basemap dated 2010 - 2011.

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80°24'30"W
2183000
2184000
2185000
2186000
2187000
2188000
2189000
2190000
80°23'30"W

32°34'30"N
270000
271000
272000
273000
274000
32°35'0"N

80°24'30"W
2183000
2184000
2185000
2186000
2187000
2188000
2189000
2190000
80°23'30"W

32°34'30"N
270000
271000
272000
273000
274000
32°35'0"N

Atlantic Intra-coastal Waterway (AIWW) Channel Survey
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Concluded on: 17 November 2016
Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Designed By: Hydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
SPATIAL DAT ABRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL	Reviewed By: CCW	Project Reference Number: CESAC-PRA-0001	Survey Type: Condition
	Reference Scale: 1 inch = 500 feet	Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet	

Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
"±" indicates sounding above MLLW

USCG Beacon
Green
Red
White

USCG Buoy
Green
Red
Coast Guard Racon

White
Yellow
USCG Light

Depth in feet

0-3 3-6 6-9 9-12 Greater Than 12

0 250 500 1,000 1,500

Production Notes:

- The information depicted on this product is for plotting purposes only.
- Vector hydrographic data derived from surveys conducted by the USACE and approved partners.
- Soundings are in feet and refer to Mean Lower Low Water (MLLW).
- Raster background is a GIS Online Image Basemap dated 2010 - 2011.

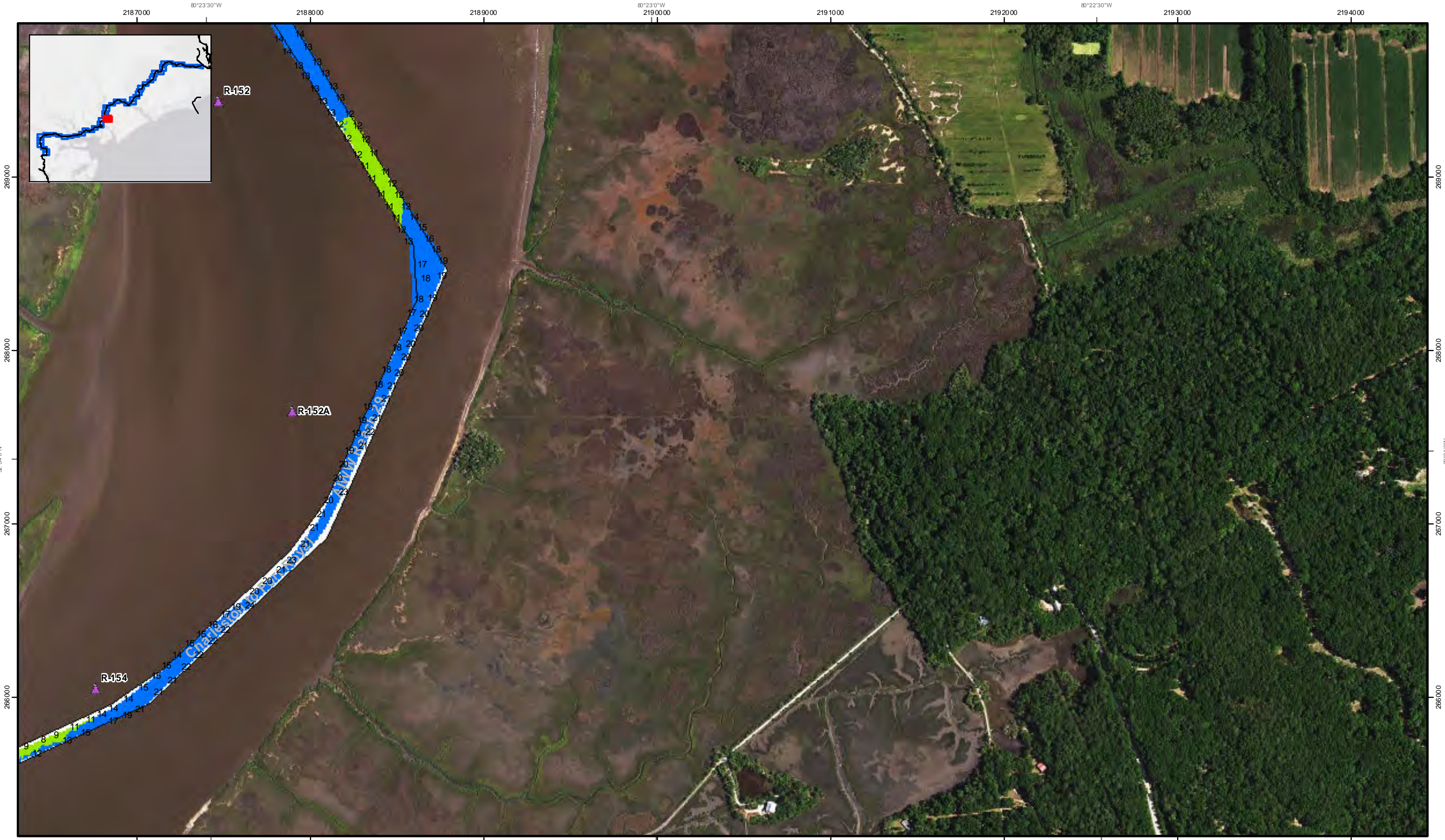
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U.S. Army Corps of Engineers
Charleston District

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NUMBER
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Atlantic Intra-coastal Waterway (AIW) Channel Survey
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 Concluded on: **17 November 2016**
 Charleston, SC to Port Royal, SC

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	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CESAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

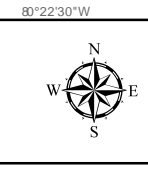
Shoalest Sounding
 Sounding may cover several point areas and is calculated per reach quarter area
 "+" indicates sounding above MLLW

Sounding	USCG Beacon Green	USCG Buoy Green	White
Sounding	USCG Beacon Red	USCG Buoy Red	Yellow
Sounding	USCG Beacon White	Coast Guard Racon	USCG Light

Depth in feet

0-3	3-6	6-9	9-12	Greater Than 12
-----	-----	-----	------	-----------------

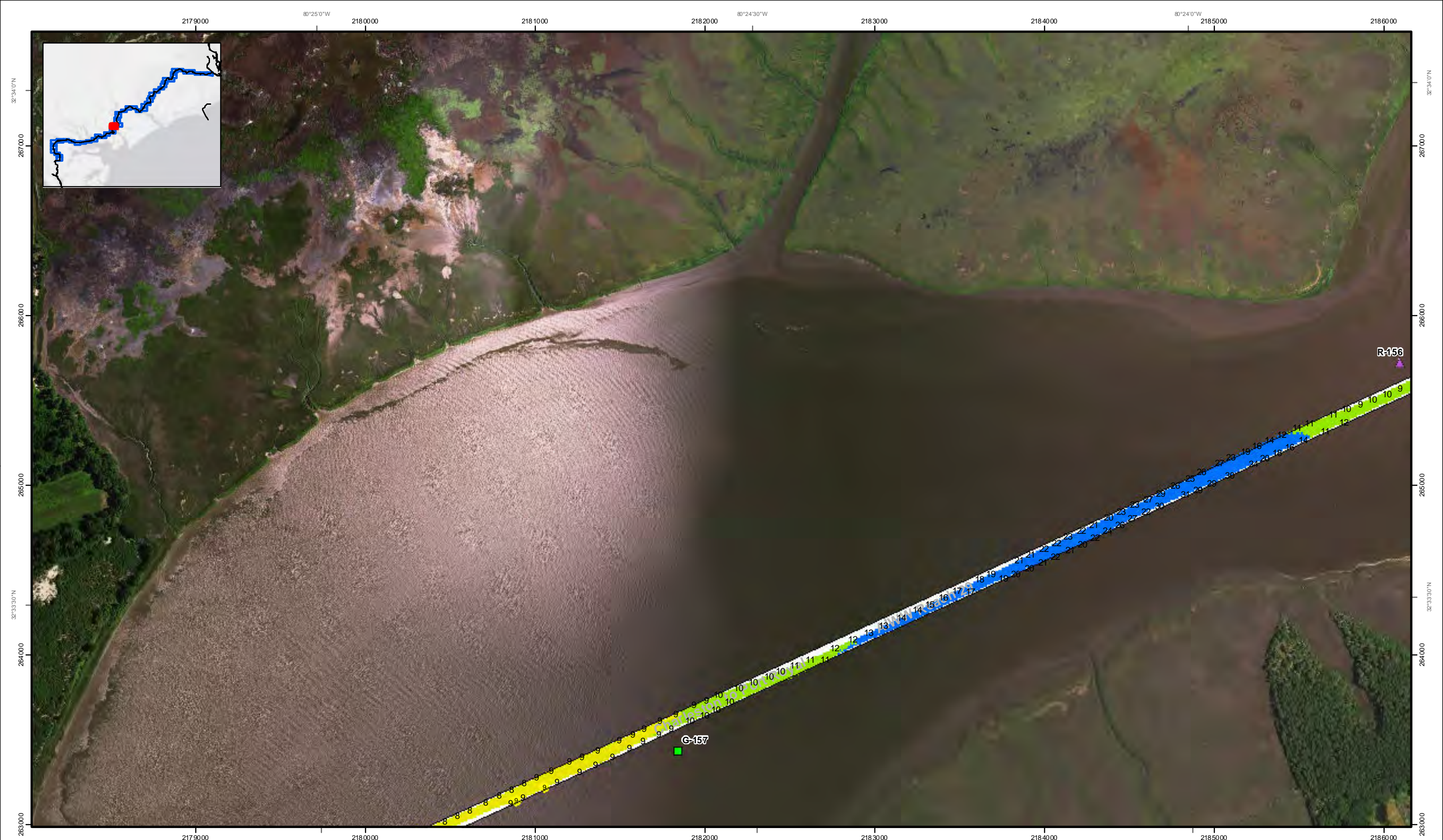
0 250 500 1,000 1,500 Feet



Production Notes:
 1. The information depicted on this product is for planning purposes only.
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REFERENCE
NUMBER
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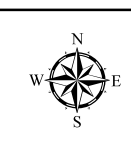
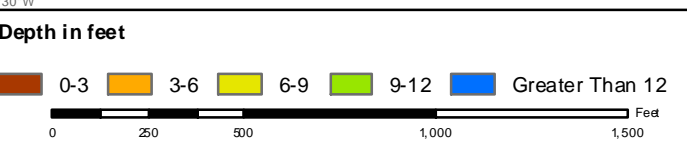
Atlantic Intra-coastal Waterway (AIW) Channel Survey
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 Concluded on: **17 November 2016**
 Charleston, SC to Port Royal, SC

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: Hydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CESAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

Shoalest Sounding
 Sounding may cover several point areas and is calculated per reach quarter area
 "+" indicates sounding above MLLW

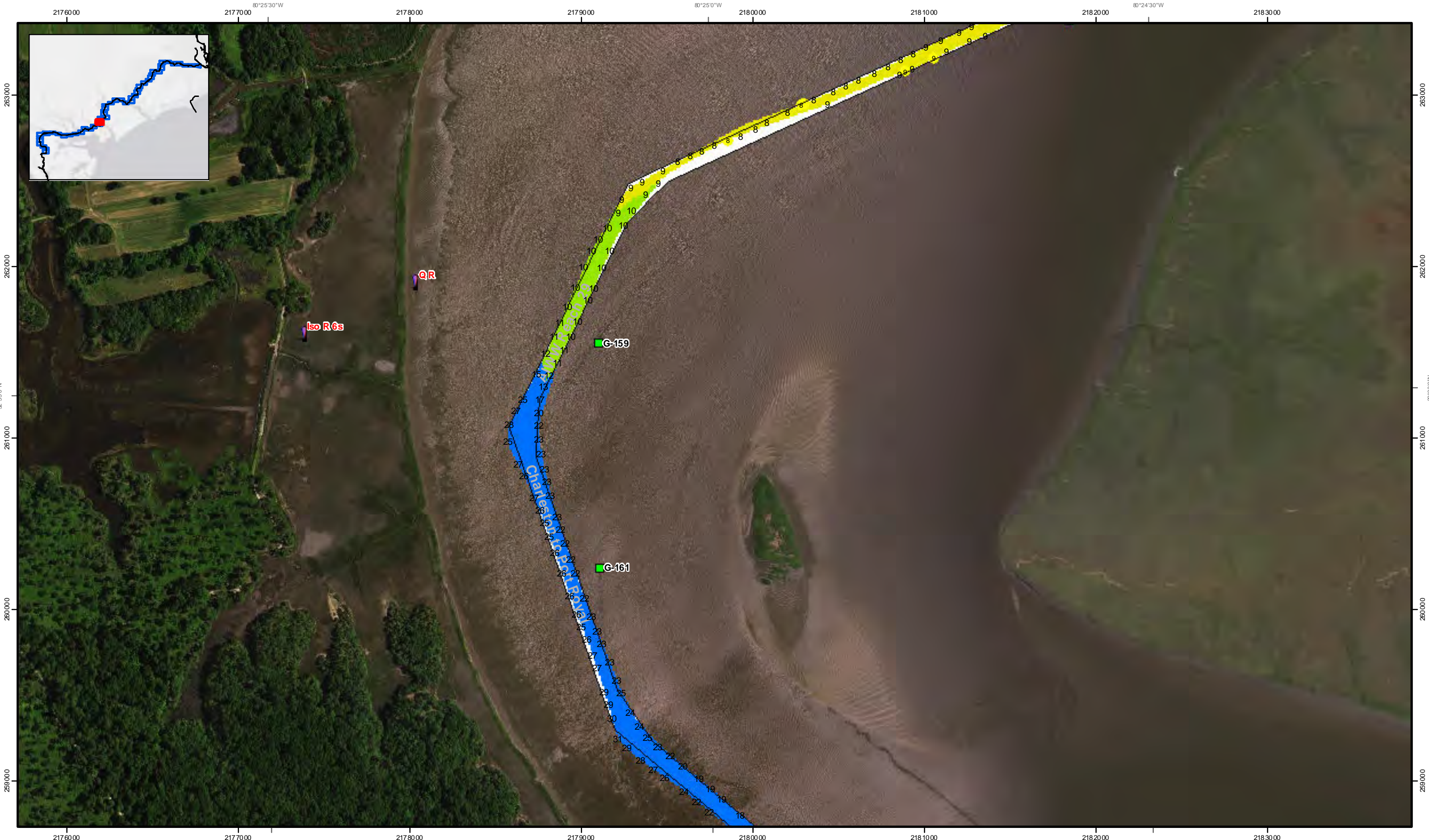
Sounding	USCGBeacon	USCGBuoy	White
Sounding	USCGBeacon	USCGBuoy	Yellow
Sounding	Coast Guard Racon	USCGLight	



Production Notes:
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REFERENCE
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Atlantic Intra-coastal Waterway (AIWW) Channel Survey
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Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA
SPATIAL DAT ABRANCH
69A HAGOOD AVE
CHARLESTON, SC 29403
CESAC-GI 98 USACE.ARMY.MIL

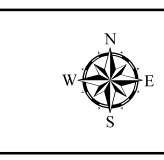
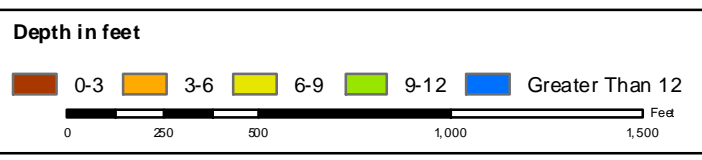
Designed By: **Hydro Software v3.82**
Reviewed By: **CCW**
Reference Scale: **1 inch = 500 feet**
Projection: **NAD 1983 StatePlane South Carolina FIPS 3000 Feet**
Survey Date: **17 NOV 2016**
Production Date: **23 NOV 2016**
Project Reference Number: **CESAC-PRA-0001**
Survey Type: **Condition**

Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
"±" indicates sounding above MLLW

USCG Beacon
Green
Red
White

USCG Buoy
Green
Red
Coast Guard Racon

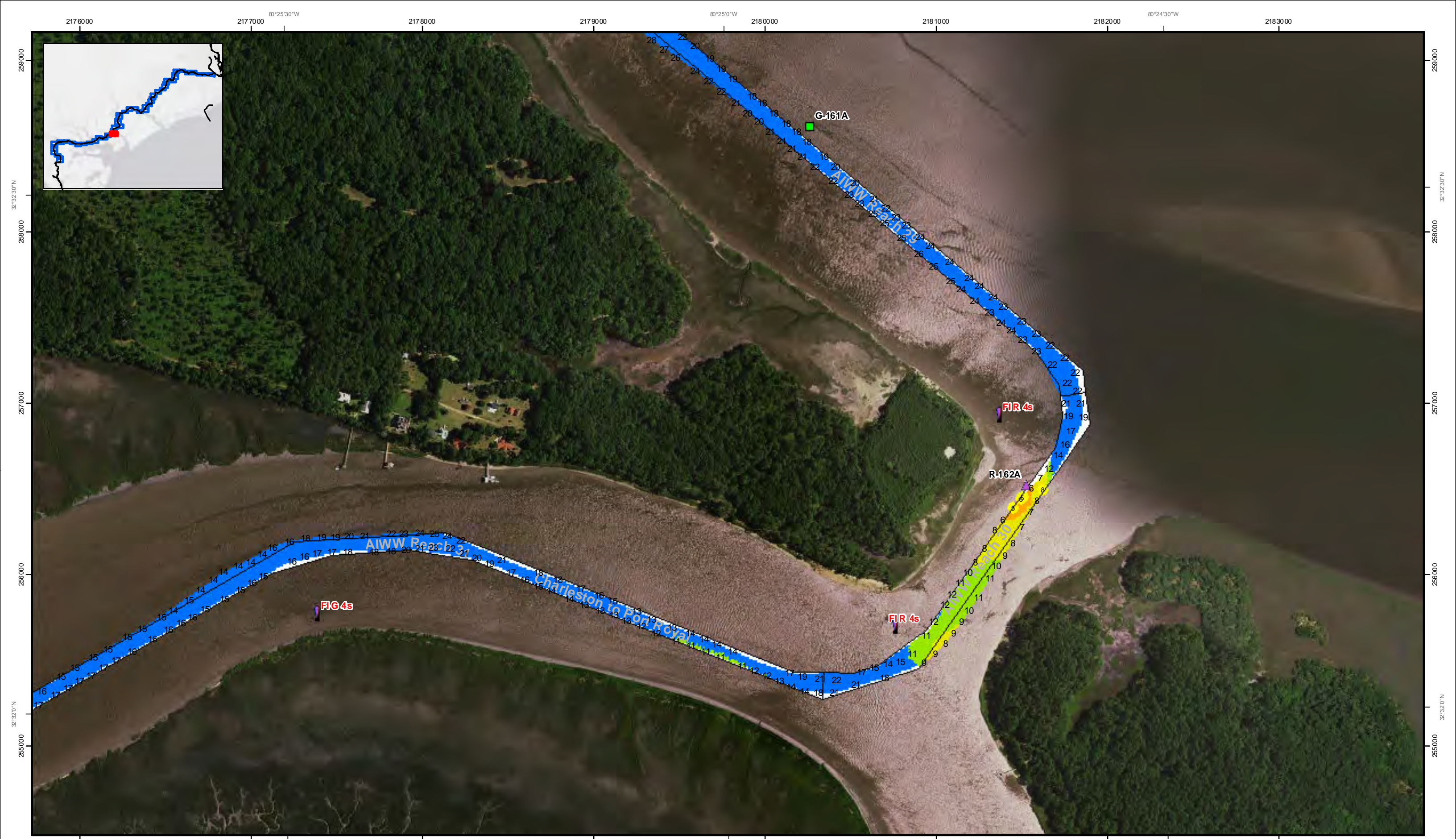
USCG Light
White
Yellow



Production Notes:
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SHEET REFERENCE NUMBER
C003

Atlantic Intra-coastal Waterway (AIWW) Channel Survey
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Charleston, SC to Port Royal, SC

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

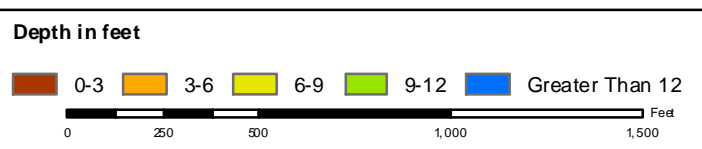
Designed By: **Hydro Software v3.82**
Reviewed By: **CCW**
Reference Scale: **1 inch = 500 feet**
Projection: **NAD 1983 StatePlane South Carolina FIPS 3000 Feet**
Survey Date: **17 NOV 2016**
Production Date: **23 NOV 2016**
Project Reference Number: **CESAC-PRA-0001**
Survey Type: **Condition**

Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
"±" indicates sounding above MLLW

USCG Beacon
Green
Red
White

USCG Buoy
Green
Red
Coast Guard Racon

USCG Light
White
Yellow



Production Notes:
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3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).
4. Racon B background is USGS Online Image Basemap dated 2010 - 2011.

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NUMBER
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Atlantic Intra-coastal Waterway (AIW) Channel Survey
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Concluded on: **17 November 2016**
Charleston, SC to Port Royal, SC

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

Designed By: Hydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CEBAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

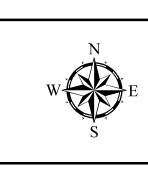
Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
"±" indicates sounding above MLLW

Sounding	Green	Green	White	White
Red	Red	Coast Guard Racon	USCG Light	

Depth in feet

0-3	3-6	6-9	9-12	Greater Than 12
-----	-----	-----	------	-----------------

0 250 500 1,000 1,500 Feet



Production Notes:
1. The information depicted on this product is for planning purposes only.
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3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).
4. Raster background is USGS National Image Base Map dated 2010 - 2011.

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NUMBER
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**Atlantic Intracoastal Waterway (AIW)
Channel Survey**
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: **17 November 2016**
Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT
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CHARLESTON, SOUTH CAROLINA
SPATIAL DATA BRANCH
69A HAGOOD AVE
CHARLESTON, SC 29403
CESAC-GIS@USACE.ARMY.MIL

Designed By: eHydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CEBAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

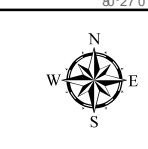
Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
"±" indicates sounding above MLLW

Sounding	USCG Beacon	USCG Buoy	White
Sounding	USCG Beacon	USCG Buoy	Yellow
Sounding	Coast Guard Racon	USCG Light	

Depth in feet

0-3	3-6	6-9	9-12	Greater Than 12
-----	-----	-----	------	-----------------

0 250 500 1,000 1,500 Feet



Production Notes:
1. The information depicted on this product is for planning purposes only.
2. Vector hydrographic data derived from surveys conducted by the USACE and approved partners.
3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).
4. Raster background is Google Earth Image Basemap dated 2010 - 2011.

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SHEET REFERENCE NUMBER
C003
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Atlantic Intra-coastal Waterway (AIWW) Channel Survey
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: **17 November 2016**
Charleston, SC to Port Royal, SC

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: Hydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CEBAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
"±" indicates sounding above MLLW

● Sounding	■ Green	● Green	● White
	▲ Red	● Red	● Yellow
	□ White	● Coast Guard Racon	● USC Light

Depth in feet

■ 0-3	■ 3-6	■ 6-9	■ 9-12	■ Greater Than 12
-------	-------	-------	--------	-------------------

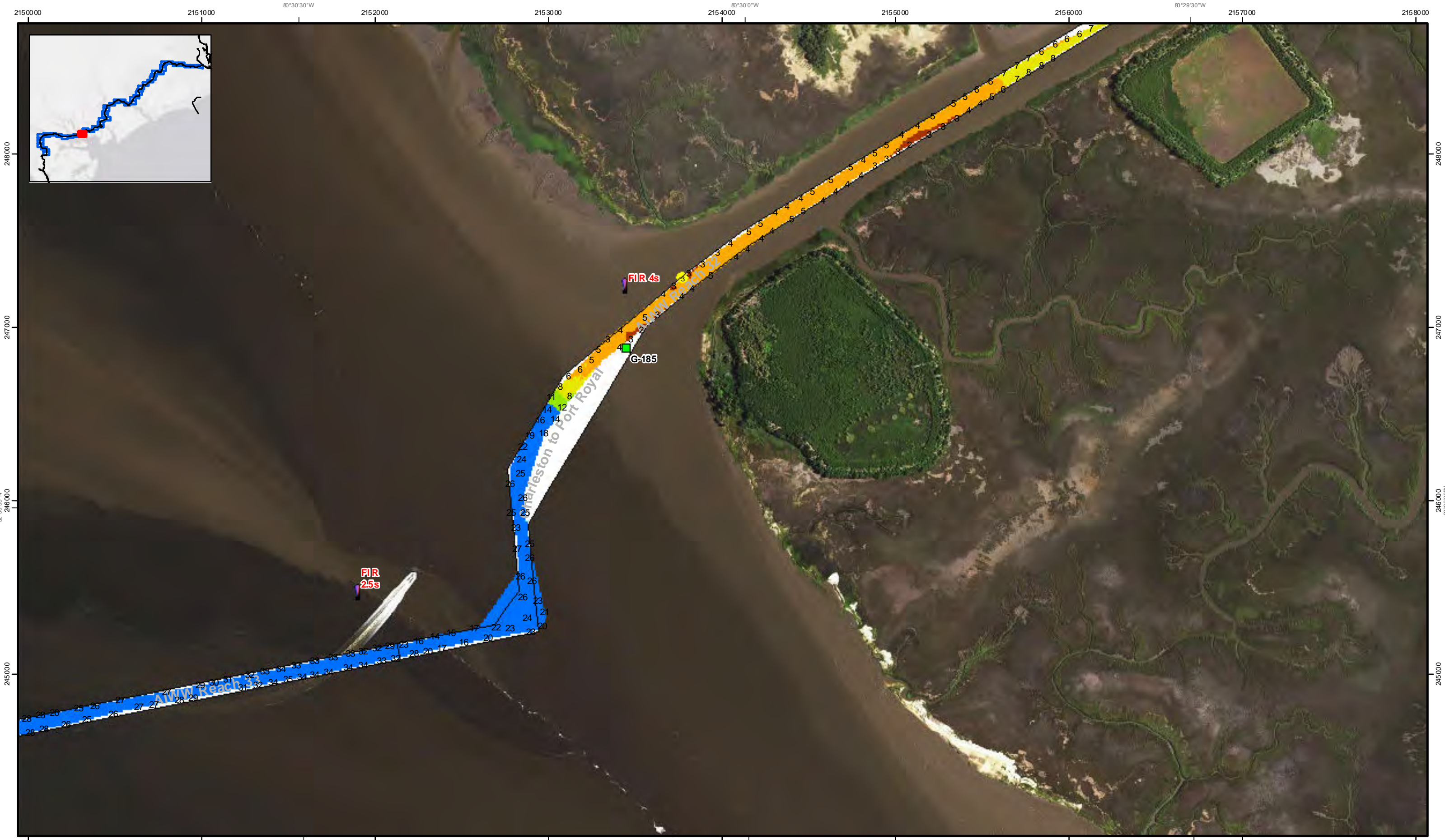
0 250 500 1,000 1,500 Feet



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 refer to Mean Lower Low Water (MLLW).
4. Racon is a geographic AIDIS Online Image Basemap dated 2010 - 2011.

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215000 2151000 2152000 2153000 2154000 2155000 2156000 2157000 2158000

245000 246000 247000 248000

32°30'30"N 32°30'30"N 32°30'30"N

Atlantic Intra-coastal Waterway (AIW) Channel Survey

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: 17 November 2016

Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Designed By: eHydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL	Reviewed By: CCW	Project Reference Number: CESAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet	

Shoalest Sounding

● Sounding
Sounding may cover several point areas and is calculated per reach quarter area
*+ indicates sounding above MLLW

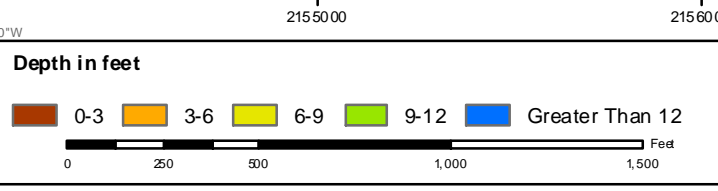
USCG Beacon

■ Green
▲ Red
□ White

USCG Buoy

● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light



Production Notes:

- The information depicted on this product is for planning purposes only.
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- Soundings are in feet and refer to Mean Lower Low Water (MLLW).
- Raster Background: Aerial Imagery from Google Earth Pro, dated 2010-2011.

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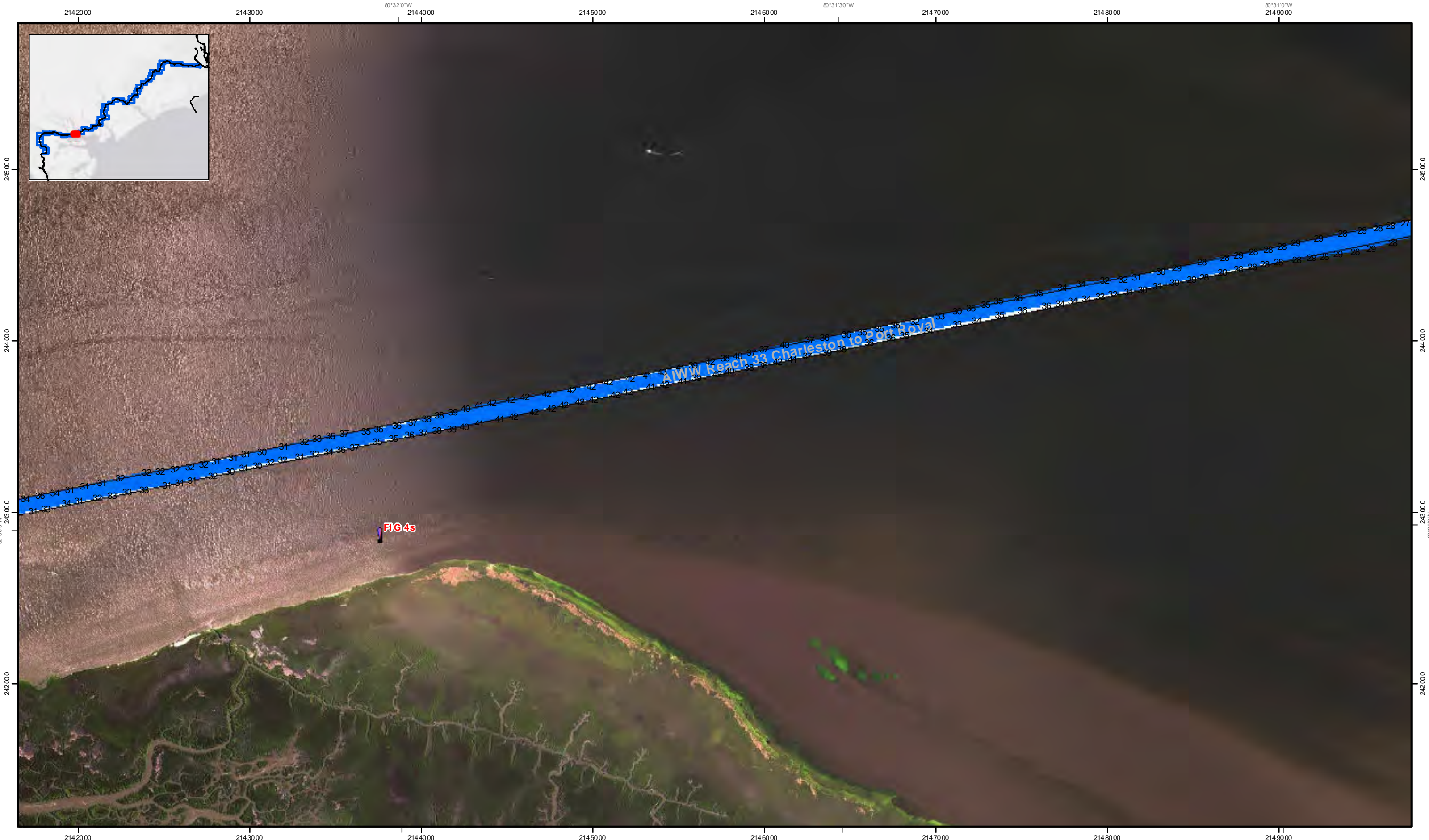
These data sets have been developed from the best available sources. Although efforts have been made to ensure that the data sets are accurate and reliable, errors and variable conditions originating from physical sources used to develop the data may be reflected in the data supplied.

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U.S. Army Corps of Engineers
Charleston District

SHEET REFERENCE NUMBER
C003

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SHEET
REFERENCE
NUMBER
C003

Atlantic Intracoastal Waterway (AIWW) Channel Survey
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: **17 November 2016**
Charleston, SC to Port Royal, SC

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	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CESAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

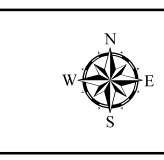
Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
*+ indicates sounding above MLLW

Sounding	USCG Beacon	USCG Buoy	White
Red	Red	Coast Guard Racon	USCG Light
White			

Depth in feet

0-3	3-6	6-9	9-12	Greater Than 12
-----	-----	-----	------	-----------------

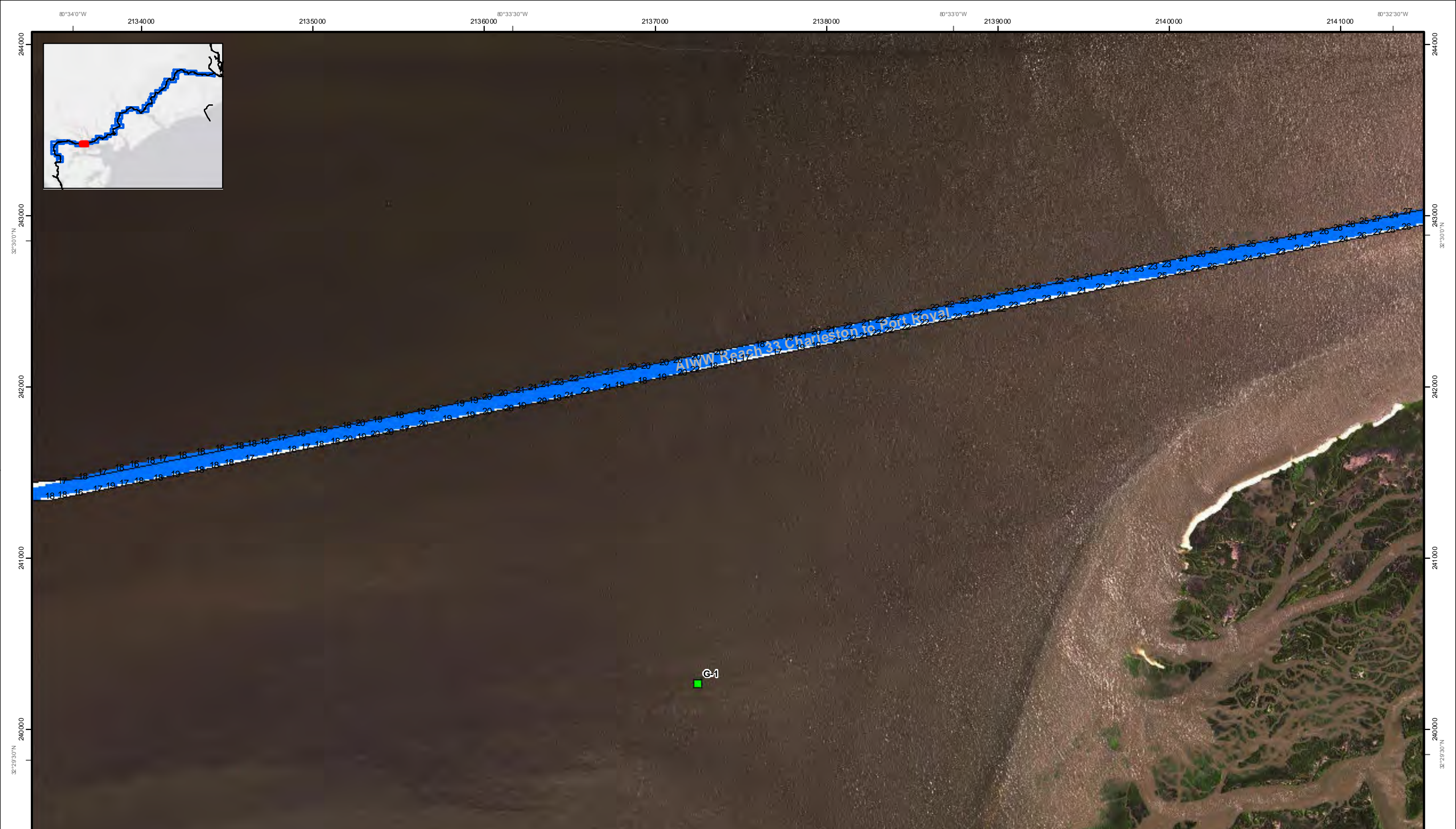
0 250 500 1,000 1,500 Feet



Production Notes:
1. The information depicted on this product is for planning purposes only.
2. Vector hydrographic data derived from surveys conducted by the USACE and approved partners.
3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).
4. Raster background is USGS Online Image Basemap dated 2010 - 2011.

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SHEET
REFERENCE
NUMBER
C003

Atlantic Intracoastal Waterway (AIWW) Channel Survey
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Concluded on: **17 November 2016**
Charleston, SC to Port Royal, SC

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

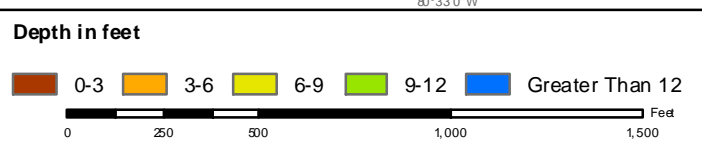
Designed By: eHydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CEAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
"±" indicates sounding above MLLW

USCG Beacon
Green
Red
White

USCG Buoy
Green
Red
Coast Guard Racon

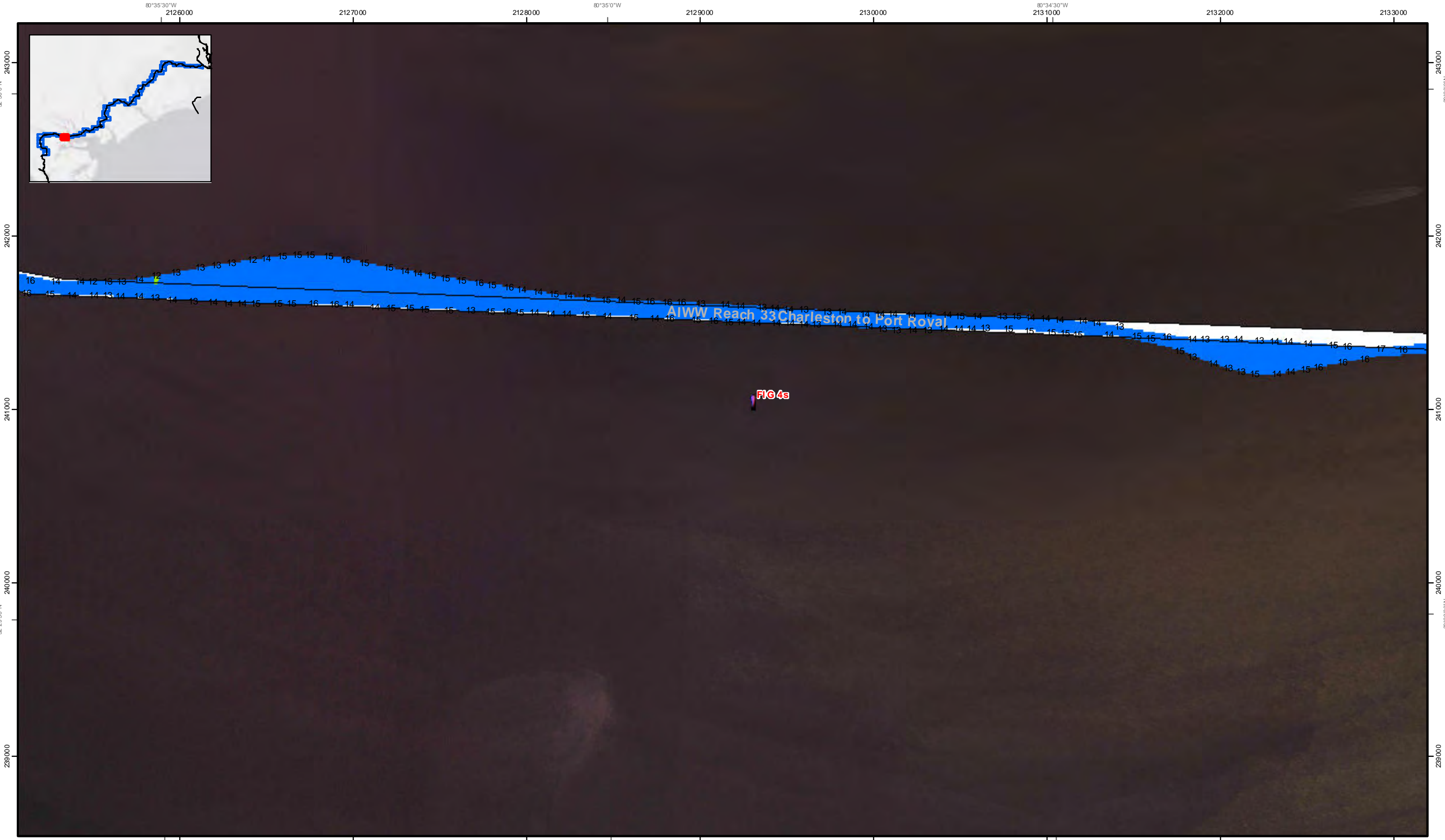
White
Yellow
USCG Light



Production Notes:
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3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).
4. Raster background is Google Earth Image Basemap dated 2010 - 2011.

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SHEET REFERENCE NUMBER C003 Page 4 of 50	Atlantic Intracoastal Waterway (AIWW) Channel Survey 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: 17 November 2016 Charleston, SC to Port Royal, SC	U.S. ARMY ENGINEER DISTRICT CORPS 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: CCW Reference Scale: 1 inch = 500 feet Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet	Survey Date: 17 NOV 2016 Project Reference Number: CEBAC-PRA-0001 Survey Type: Condition	Production Date: 23 NOV 2016
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Shoalest Sounding

● Sounding
Sounding may cover several point areas and is calculated per reach quarter area
 "+" indicates sounding above MLLW

USCG Beacon
 ■ Green
 ▲ Red
 □ White

USCG Buoy
 ● Green
 ● Red
 ● Coast Guard Racon

○ White
 ○ Yellow
 ○ USCG Light

Depth in feet

■ 0-3 ■ 3-6 ■ 6-9 ■ 9-12 ■ Greater Than 12

0 250 500 1,000 1,500 Feet

Production Notes:

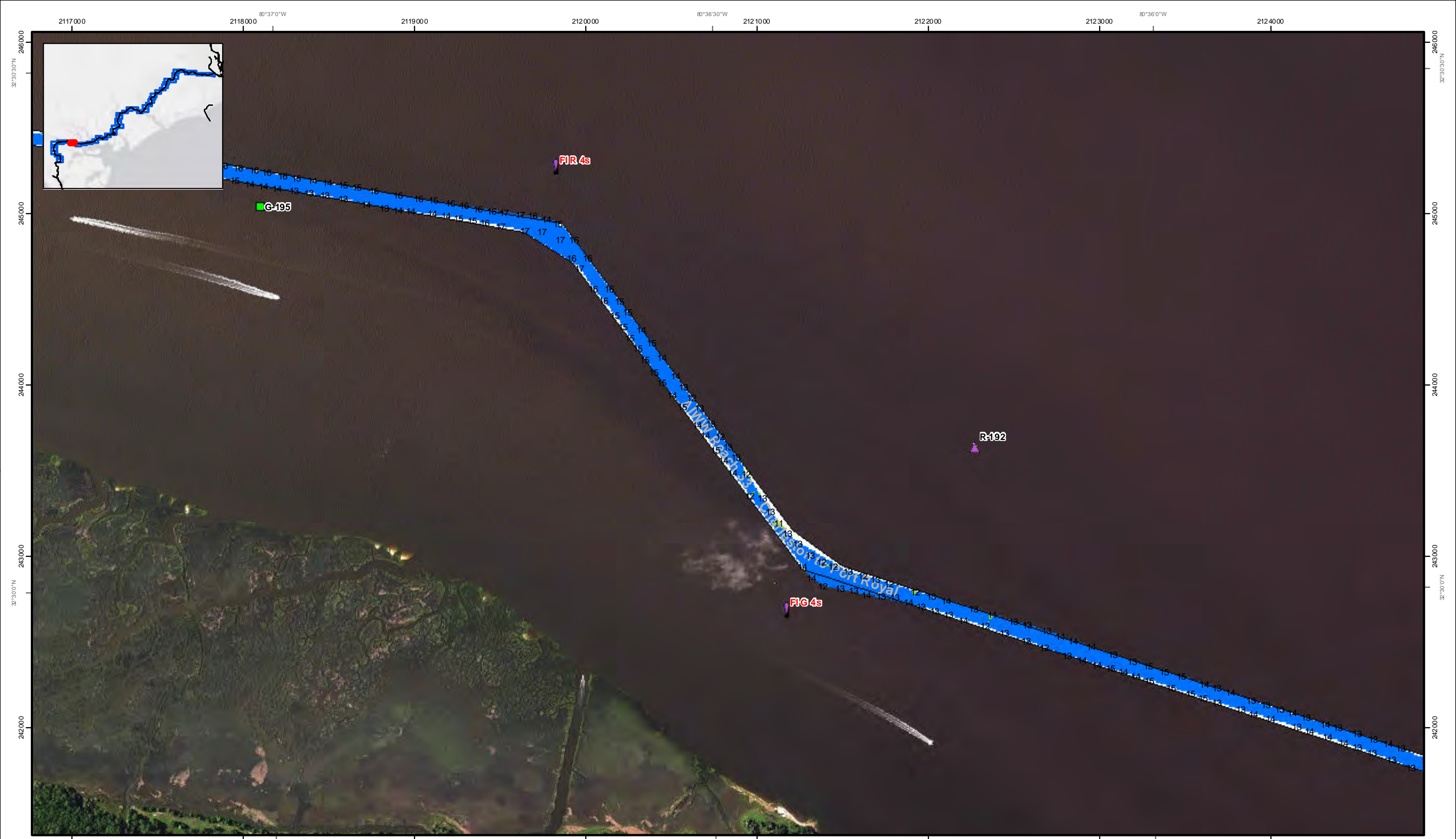
- The information depicted on this product is for planning purposes only.
- Vector hydrographic data derived from surveys conducted by the USACE and approved partners.
- Soundings are in feet and refer to Mean Lower Low Water (MLLW).
- Raster background is USGS Online Image Basemap dated 2010 - 2011.

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U.S. Army Corps of Engineers
 Charleston District



SHEET REFERENCE NUMBER
C003
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Atlantic Intra-coastal Waterway (AIW) Channel Survey
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: **17 November 2016**
Charleston, SC to Port Royal, SC

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	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CESAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
*+ indicates sounding above MLLW

Green	Green	White
Red	Red	Coast Guard Racon
White	USC G Light	

Depth in feet

0-3	3-6	6-9	9-12	Greater Than 12
-----	-----	-----	------	-----------------

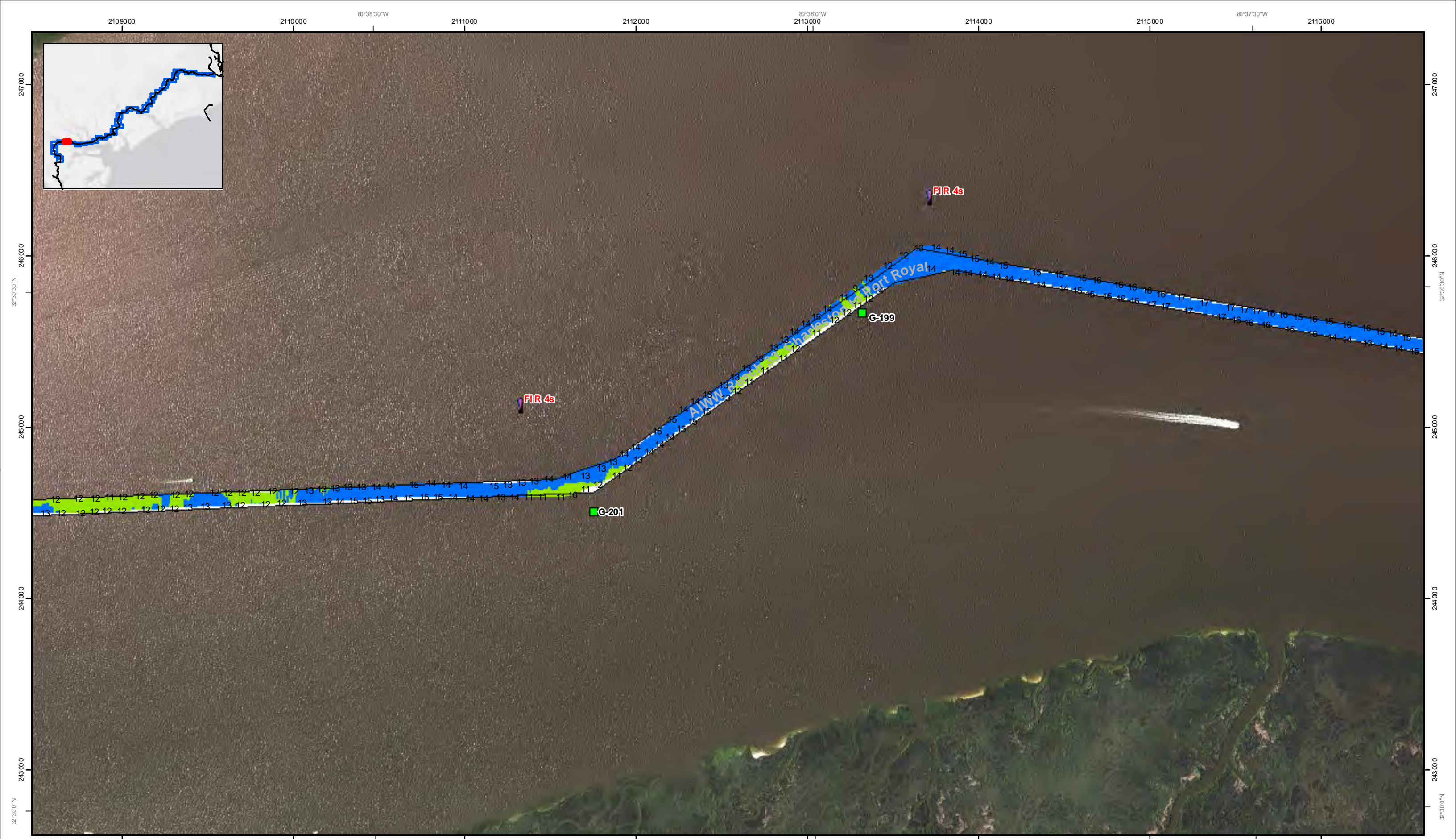
0 250 500 1,000 1,500 Feet



Production Notes:
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2. Vector hydrographic data derived from surveys conducted by the USACE and approved partners.
3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).
4. Raster background is GIS Online Image Basemap dated 2010 - 2011.

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SHEET
REFERENCE
NUMBER
C003

Atlantic Intracoastal Waterway (AIW) Channel Survey
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: **17 November 2016**
Charleston, SC to Port Royal, SC

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

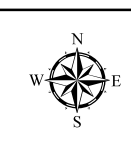
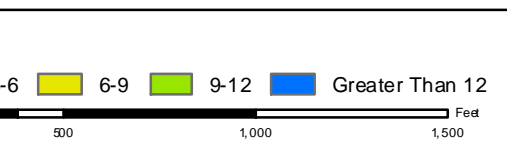
Designed By: eHydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CESAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
"±" indicates sounding above MLLW

USCG Beacon
Green
Red
White

USCG Buoy
Green
Red
Coast Guard Racon

USCG Light
White
Yellow



Production Notes:
1. The information depicted on this product is for planning purposes only.
2. Vector hydrographic data derived from surveys conducted by the USACE and approved partners.
3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).
4. Raster background is NOAA NED Online Image Basemap dated 2010 - 2011.

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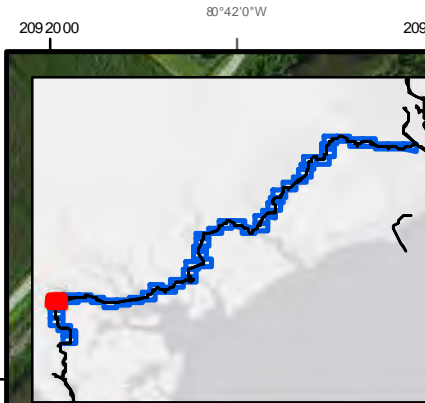


80°40'30"W 2101000 2102000 80°40'0"W 2103000 2104000 2105000 80°39'30"W 2106000 2107000 80°39'0"W 2108000



SHEET REFERENCE NUMBER C003 Page 43 of 50	Atlantic Intra-coastal Waterway (AIWW) Channel Survey 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: 17 November 2016 Charleston, SC to Port Royal, SC	Designed By: eHydro Software v3.82 Reviewed By: CCW Reference Scale: 1 inch = 500 feet Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet	Survey Date: 17 NOV 2016 Project Reference Number: CESAC-PRA-0001 Survey Type: Condition	Production Date: 23 NOV 2016 Project Reference Number: CESAC-PRA-0001 Survey Type: Condition	Shoalest Sounding Sounding may cover several point areas and is calculated per reach quarter area "+" indicates sounding above MLLW	USCG Beacon Green Red White	USCG Buoy Green Red Coast Guard Racon	White Yellow USCG Light	Depth in feet 0-3 3-6 6-9 9-12 Greater Than 12 0 250 500 1,000 1,500 Feet	Production Notes: 1. The information depicted on this product is for planning purposes only. 2. Vector hydrographic data derived from surveys conducted by the USACE and approved partners. 3. Soundings are in feet and refer to Mean Lower Low Water (MLLW). 4. Raster background is USGS Online Image Basemap dated 2010 - 2011. In no event shall the U.S. Army Corps of Engineers, Charleston District Office, be liable for direct, indirect, incidental, consequential, 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 data sets 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 a prudent safety measure.	 U.S. Army Corps of Engineers Charleston District
	No event shall the U.S. Army Corps of Engineers, Charleston District Office, be liable for direct, indirect, incidental, consequential, 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.										
	This product is not intended to be used for navigation. Mariners are encouraged to use a prudent safety measure.										

80°40'30"W 2101000 2102000 80°40'0"W 2103000 2104000 2105000 80°39'30"W 2106000 2107000 80°39'0"W 2108000



SHEET REFERENCE NUMBER C003 Page 44 of 50	Atlantic Intracoastal Waterway (AIWW) Channel Survey 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: 17 November 2016 Charleston, SC to Port Royal, SC	Designed By: Hydro Software v3.82 Reviewed By: CCW Reference Scale: 1 inch = 500 feet Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet	Survey Date: 17 NOV 2016 Project Reference Number: CEBAC-PRA-0001 Survey Type: Condition	Production Date: 23 NOV 2016
	U.S. ARMY ENGINEER DISTRICT CORPS ENGINEERS CHARLESTON, SOUTH CAROLINA SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL			

Shoalest Sounding
 Sounding may cover several point areas and is calculated per reach quarter area
 "+" indicates sounding above MLLW

Sounding	USCG Beacon Green	USCG Buoy Green	White
Sounding	USCG Beacon Red	USCG Buoy Red	USCG Light
Sounding	USCG Beacon White	Coast Guard Racon	

Depth in feet

0-3	3-6	6-9	9-12	Greater Than 12
-----	-----	-----	------	-----------------

0 250 500 1,000 1,500 Feet

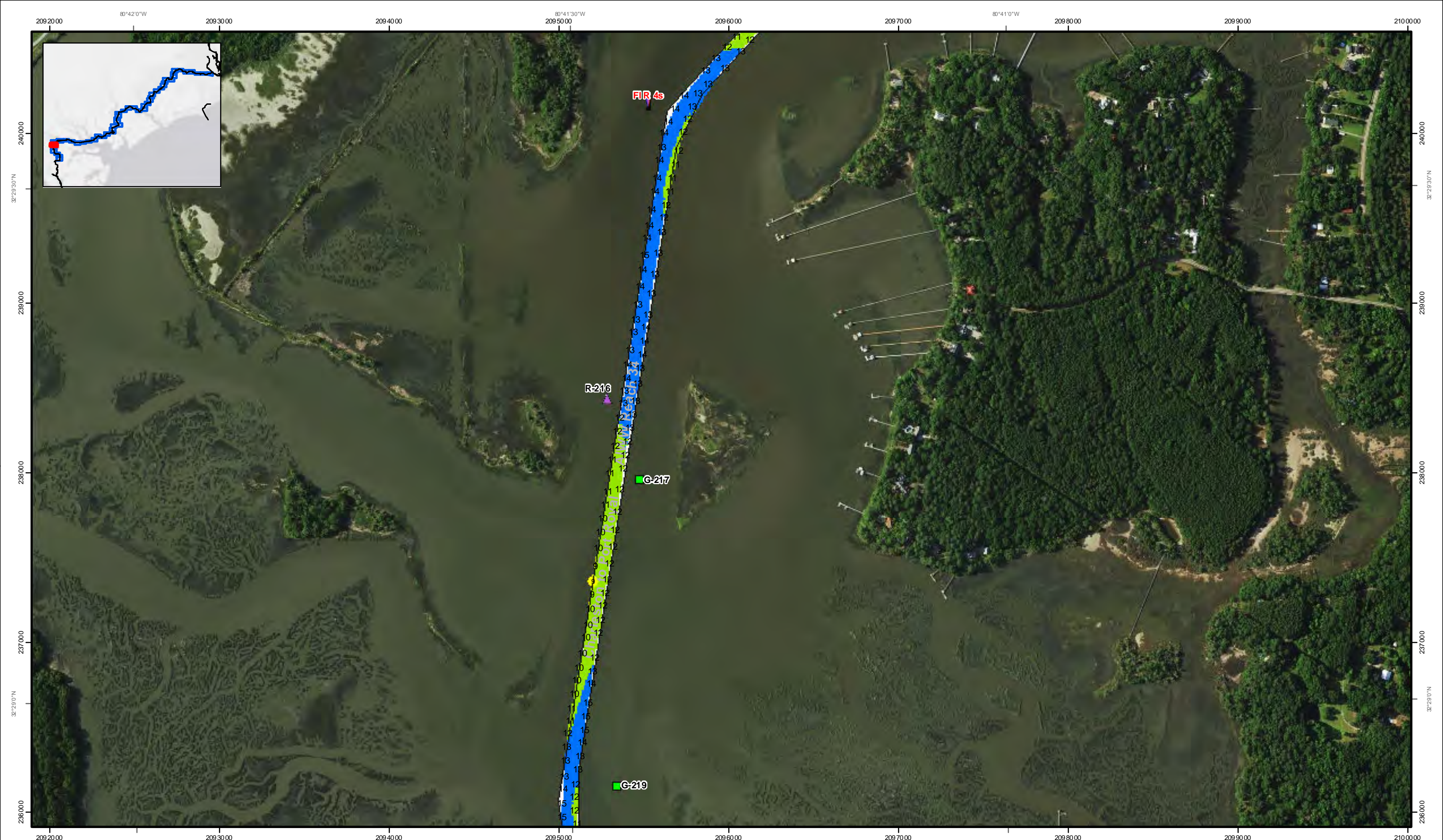
Production Notes:

- The information depicted on this product is for planning purposes only.
- Vector hydrographic data derived from surveys conducted by the USACE and approved partners.
- Soundings are in feet and refer to Mean Lower Low Water (MLLW).
- Raster background is NOAA NED Online Image Basemap dated 2010 - 2011.

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SHEET
REFERENCE
NUMBER
C003
Page 45 of 50

Atlantic Intra-coastal Waterway (AIW) Channel Survey
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: **17 November 2016**
Charleston, SC to Port Royal, SC

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: Hydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CESAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
"±" indicates sounding above MLLW

Sounding	Green	USCG Beacon	USCG Buoy	White
Sounding	Red	USCG Buoy	USCG Buoy	Yellow
White	White	Coast Guard Racon	USCG Light	USCG Light

Depth in feet

0-3	3-6	6-9	9-12	Greater Than 12
-----	-----	-----	------	-----------------

0 250 500 1,000 1,500 Feet



Production Notes:
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2. Vector hydrographic data derived from surveys conducted by the USACE and approved partners.
3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).
4. Raster background is a GIS Online Image Basemap dated 2010 - 2011.

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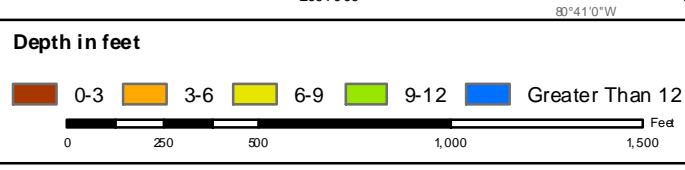
SHEET REFERENCE NUMBER
C003
 Page 46 of 50

Atlantic Intra-coastal Waterway (AIW) Channel Survey
 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: **17 November 2016**
 Charleston, SC to Port Royal, SC

Designed By: Hydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CEBAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

Shoalest Sounding
 Sounding may cover several point areas and is calculated per reach quarter area
 "+" indicates sounding above MLLW

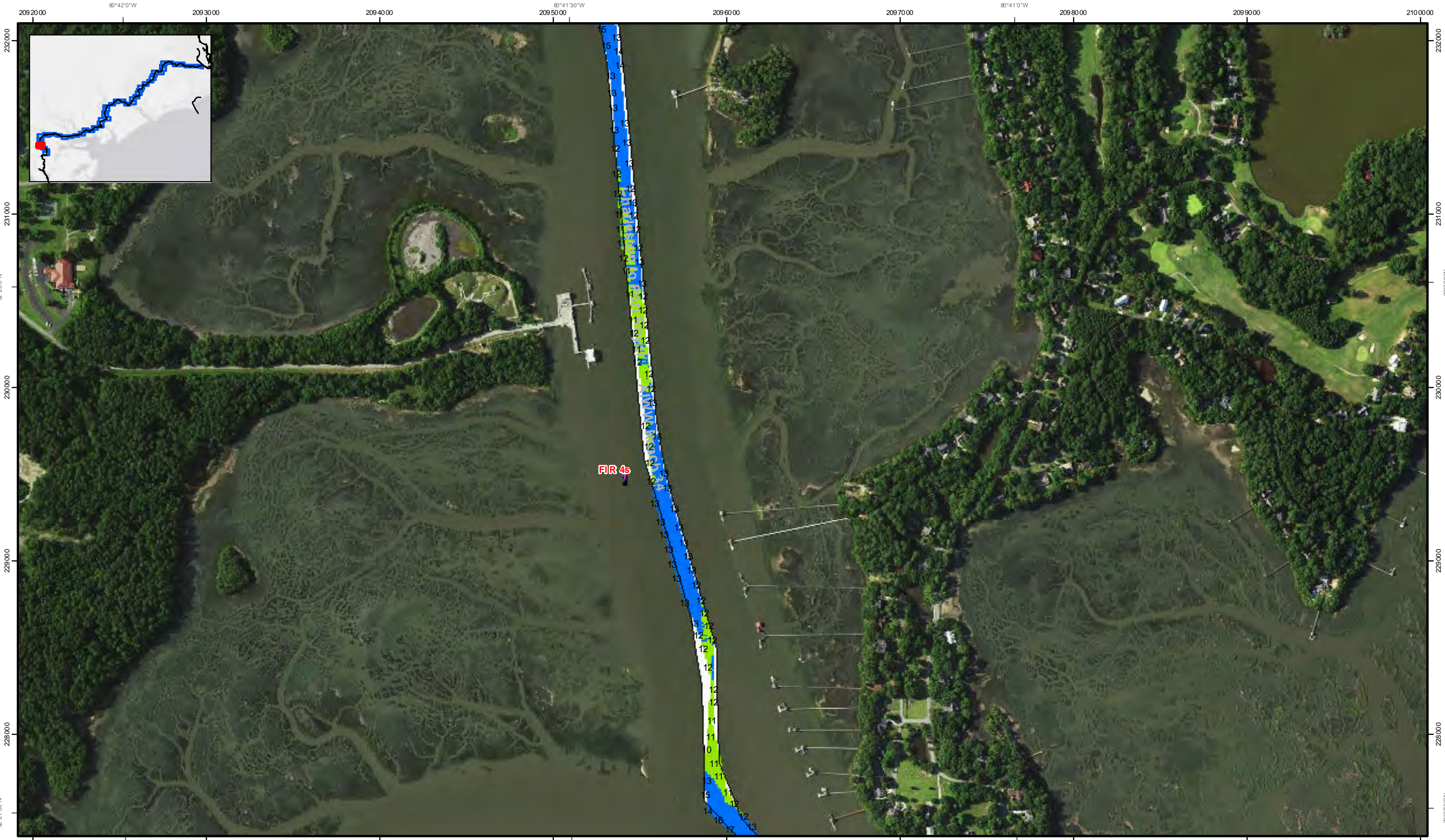
USCG Beacon Green Red White	USCG Buoy Green Red Coast Guard Racon	White Yellow USCG Light
--------------------------------------	--	-------------------------------



Production Notes:
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 2. Vector hydrographic data derived from surveys conducted by the USACE and approved partners.
 3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).
 4. Raster background is USGS Online Image Base Map dated 2010 - 2011.

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SHEET REFERENCE NUMBER
C003
 Page 47 of 50

Atlantic Intra-coastal Waterway (AIW) Channel Survey
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 Concluded on: **17 November 2016**
 Charleston, SC to Port Royal, SC

Designed By: Hydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CEBAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

Shoalest Sounding
 Sounding may cover several point areas and is calculated per reach quarter area
 "+" indicates sounding above MLLW

Sounding	Green	USCG Buoy	White
Red	Red	Coast Guard Racon	USCG Light
White			

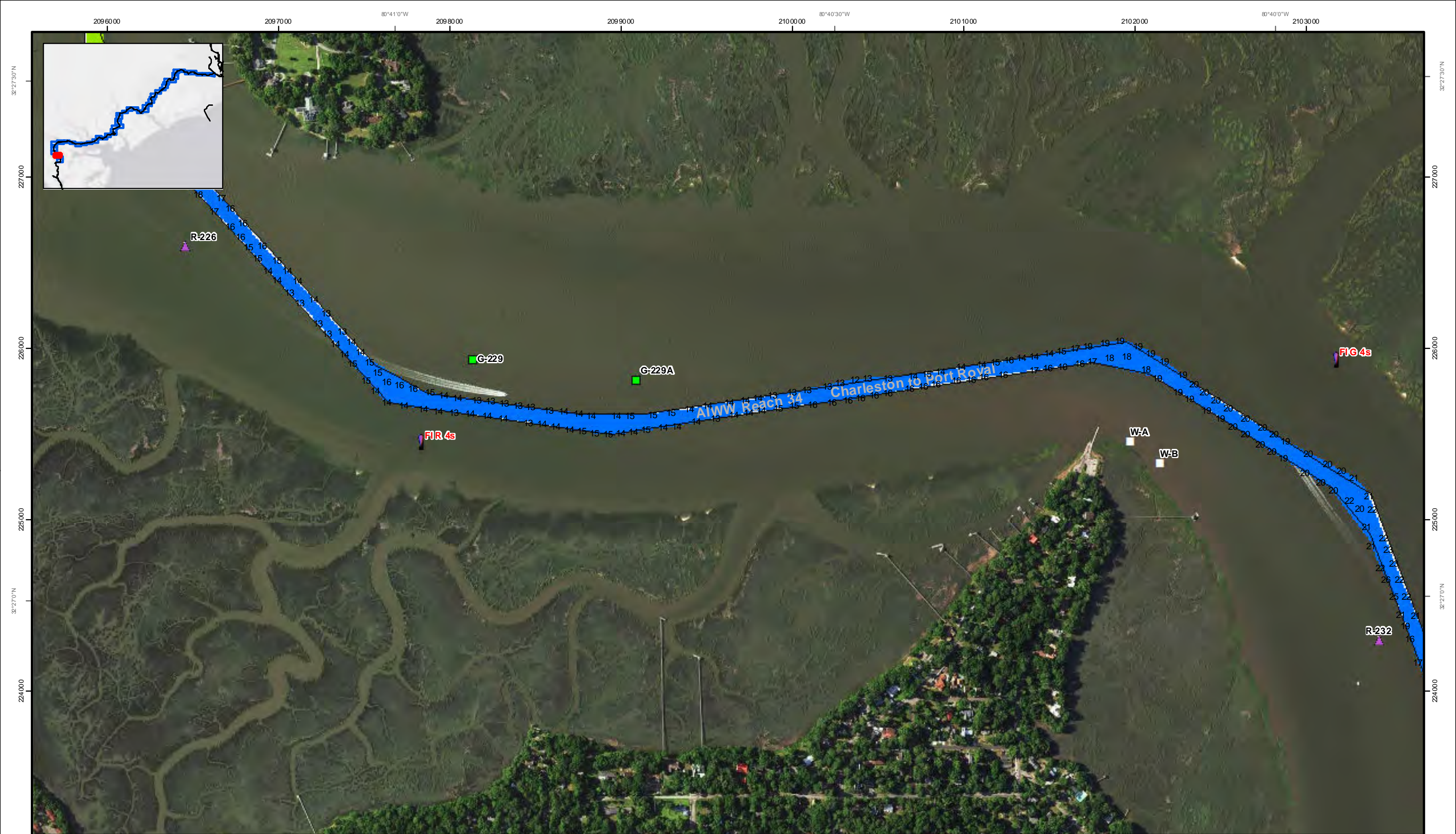
Depth in feet
 0-3 3-6 6-9 9-12 Greater Than 12
 0 250 500 1,000 1,500 Feet



Production Notes:
 1. The information depicted on this product is for planning purposes only.
 2. Vector hydrographic data derived from surveys conducted by the USACE and approved partners.
 3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).
 4. Raster Background: NGS Online Image Base map dated 2010 - 2011.

In no event shall the U.S. Army Corps of Engineers, Charleston District Office, be liable for direct, indirect, incidental, consequential, 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 data sets 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 a prudent safety measure.





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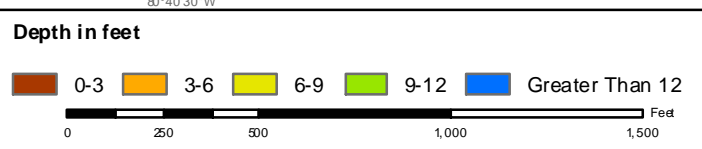
Atlantic Intra-coastal Waterway (AIWW) Channel Survey
 The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.
 Concluded on: **17 November 2016**
 Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT
 CORPSON ENGINEERS
 CHARLESTON, SOUTH CAROLINA
 SPATIAL DATA BRANCH
 69A HAGOOD AVE
 CHARLESTON, SC 29403
 CESAC-GIS@USACE.ARMY.MIL

Designed By: Hydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
Reviewed By: CCW	Project Reference Number: CESAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

Shoalest Sounding
 Sounding may cover several point areas and is calculated per reach quarter area
 "+" indicates sounding above MLLW

Sounding	USCG Beacon Green	USCG Buoy Green	White
Sounding	USCG Beacon Red	USCG Buoy Red	Yellow
Sounding	USCG Beacon White	Coast Guard Racon	USCG Light



Production Notes:
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 2. Vector hydrographic data derived from surveys conducted by the USACE and approved partners.
 3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).
 4. Raster background is USGS Online Image Basemap dated 2010 - 2011.

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80°40'30"W 2101000 2102000 80°40'0"W 2103000 2104000 2105000 80°39'30"W 2106000 2107000 80°39'0"W 2108000



80°40'30"W 2101000 2102000 80°40'0"W 2103000 2104000 2105000 80°39'30"W 2106000 2107000 80°39'0"W 2108000

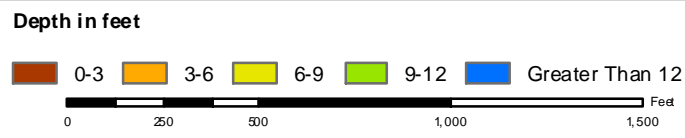
32°26'30"N 224000 223000 222000 221000 220000

32°26'30"N 224000 223000 222000 221000 220000

80°40'30"W 2101000 2102000 80°40'0"W 2103000 2104000 2105000 80°39'30"W 2106000 2107000 80°39'0"W 2108000

Atlantic Intra-coastal Waterway (AIW) Channel Survey		Designed By: Hydro Software v3.82	Survey Date: 17 NOV 2016	Production Date: 23 NOV 2016
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.		Reviewed By: CCW	Project Reference Number: CESAC-PRA-0001	
SPATIAL DAT ABRANCH 69A HAGOOD AVE CHARLESTON, SC 29403		Reference Scale: 1 inch = 500 feet	Survey Type: Condition	
CESAC-GIS@USACE.ARMY.MIL		Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

Shoalest Sounding	USCG Beacon	USCG Buoy	White
● Sounding	■ Green	● Green	● White
Sounding may cover several point areas and is calculated per each quarter area	▲ Red	● Red	● Yellow
"+" indicates sounding above MLLW	□ White	● Coast Guard Racon	● USCG Light



Production Notes:

- The information depicted on this product is for planning purposes only.
- Vector hydrographic data derived from surveys conducted by the USACE and approved partners.
- Soundings are in feet and refer to Mean Lower Low Water (MLLW).
- Raster background is a GIS Online Image Basemap dated 2010 - 2011.

In no event shall the U.S. Army Corps of Engineers, Charleston District Office, be liable for direct, indirect, incidental, consequential, 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.

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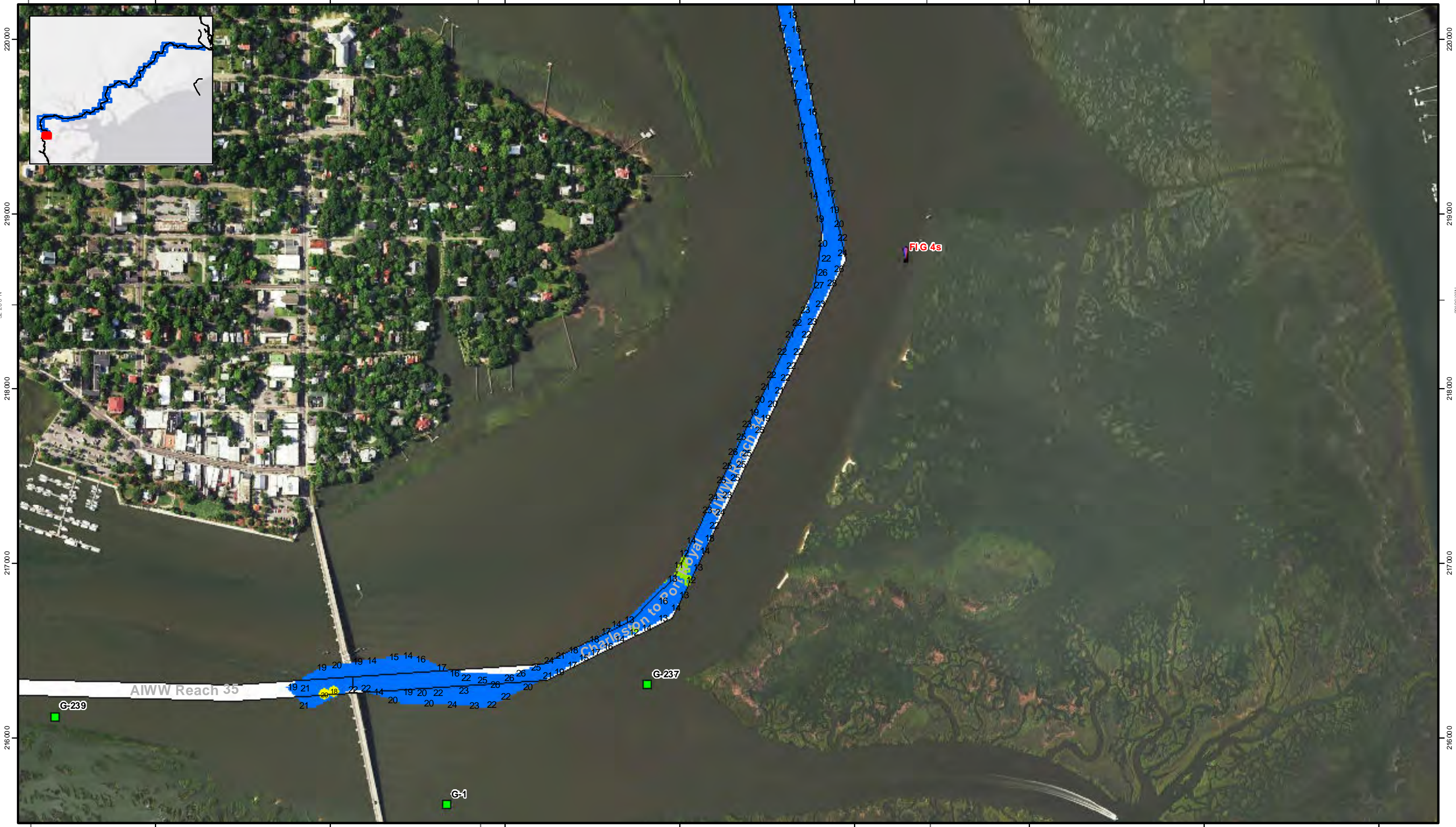
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U.S. Army Corps of Engineers
Charleston District

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Concluded on: **17 November 2016**
Charleston, SC to Port Royal, SC

80°40'30"W 2101000 2102000 80°40'0"W 2103000 2104000 2105000 80°39'30"W 2106000 2107000 80°39'0"W 2108000



SHEET REFERENCE NUMBER C003 Page 50 of 50	Atlantic Intra-coastal Waterway (AIWW) Channel Survey 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: 17 November 2016 Charleston, SC to Port Royal, SC	U.S. ARMY ENGINEER DISTRICT CORPS 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: CCW Reference Scale: 1 inch = 500 feet Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet	Survey Date: 17 NOV 2016 Project Reference Number: CEBAC-PRA-0001 Survey Type: Condition	Shoalest Sounding Sounding may cover several point areas and is calculated per reach quarter area "+" indicates sounding above MLLW	USCG Beacon Green Red White	USCG Buoy Green Red Coast Guard Racon	White Yellow USCG Light	Depth in feet 0-3 3-6 6-9 9-12 Greater Than 12 0 250 500 1,000 1,500 Feet	Production Notes: 1. The information depicted on this product is for planning purposes only. 2. Vector hydrographic data derived from surveys conducted by the USACE and approved partners. 3. Soundings are in feet and refer to Mean Lower Low Water (MLLW). 4. Raster background is USGS Online Image Basemap dated 2010 - 2011. In no event shall the U.S. Army Corps of Engineers, Charleston District Office, be held liable for direct, indirect, incidental, consequential, 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 data 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 a prudent safety measure.	U.S. Army Corps of Engineers Charleston District
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80°40'30"W 2101000 2102000 80°40'0"W 2103000 2104000 2105000 80°39'30"W 2106000 2107000 80°39'0"W 2108000