

SHEET
REFERENCE
NUMBER
C003
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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**
Channel soundings based on single and/or
multibeam surveys conducted by the
US Army Corps of Engineers.
Conducted on: **01 August 2014**
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 v3.6.1	Design date: 23 Sep 2014	Export date: 23 Sep 2014
Reviewed by: J. West	Absolute scale: 1:6,000	Project Reference Number: CESAC-PR-0049
Reference scale: 1 inch = 500 feet	Survey Type/Date: Condition/01 August 2014	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

■ Less than 6 ■ 6 to 8 ■ 8 to 10 ■ 10 to 12 ■ Greater than 12

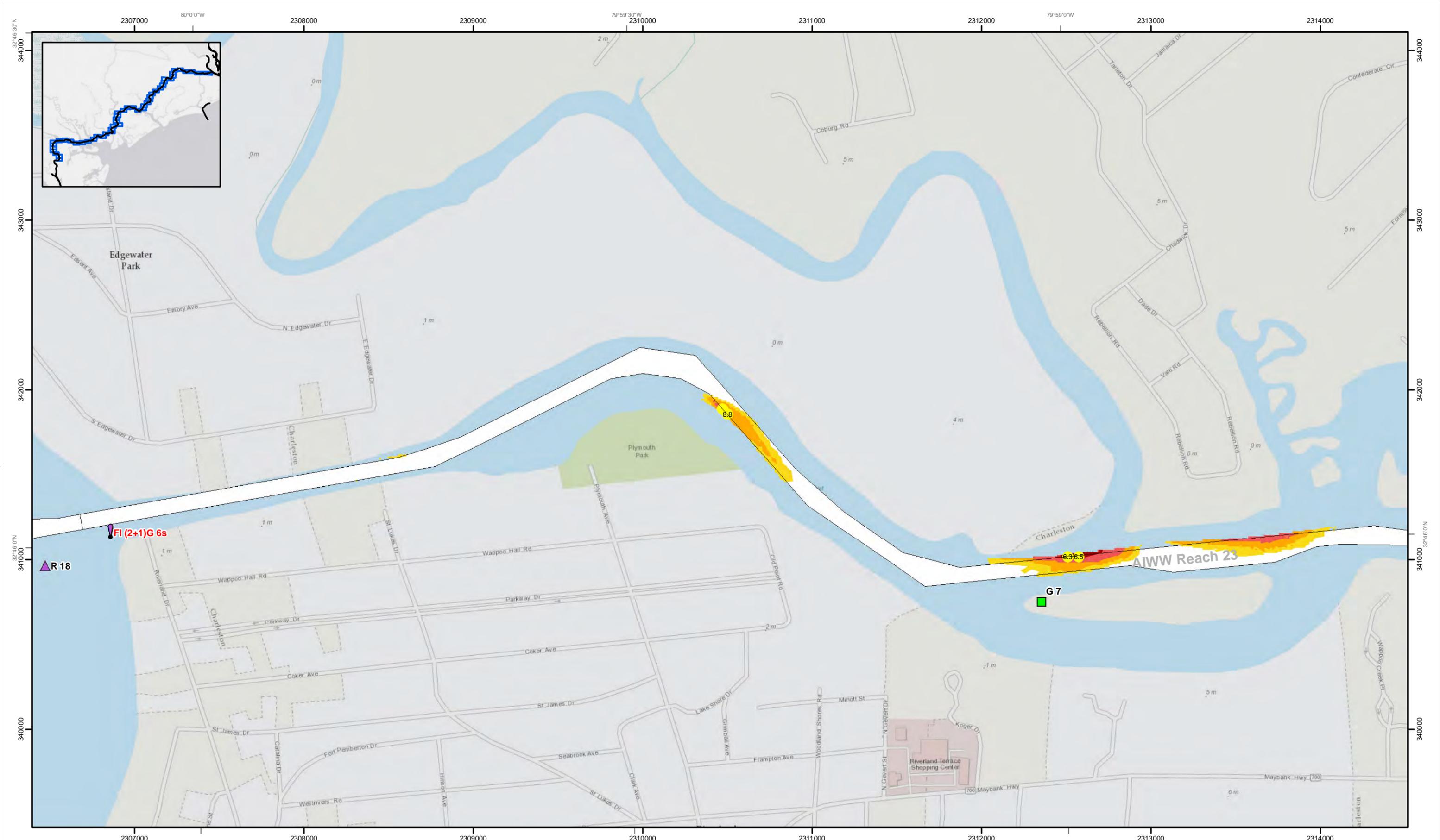
0 250 500 1,000 1,500 Feet



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4. Raster Background: ArcGIS Online Topographic Basemap.

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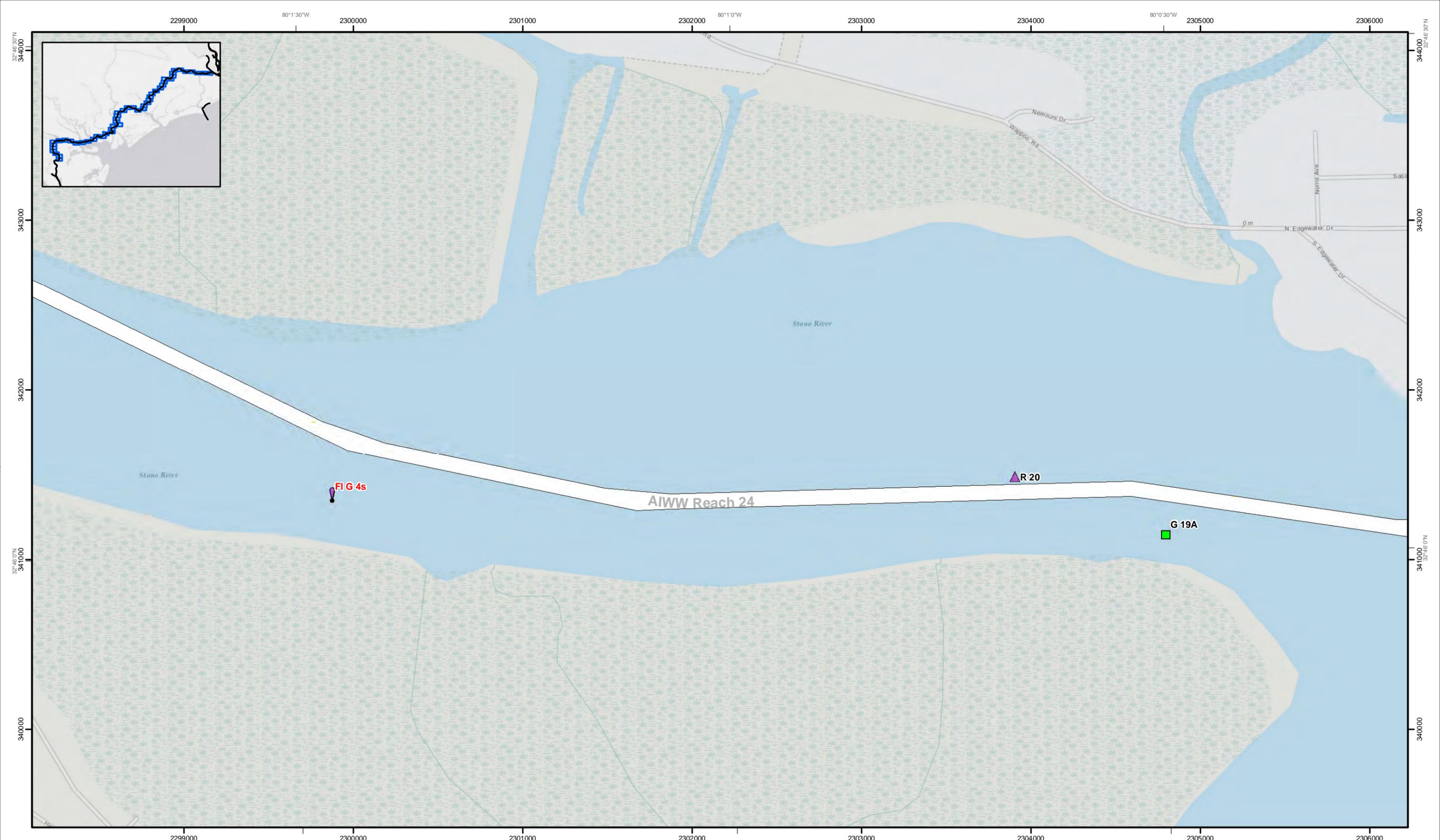
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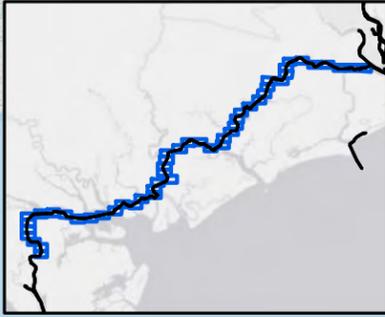
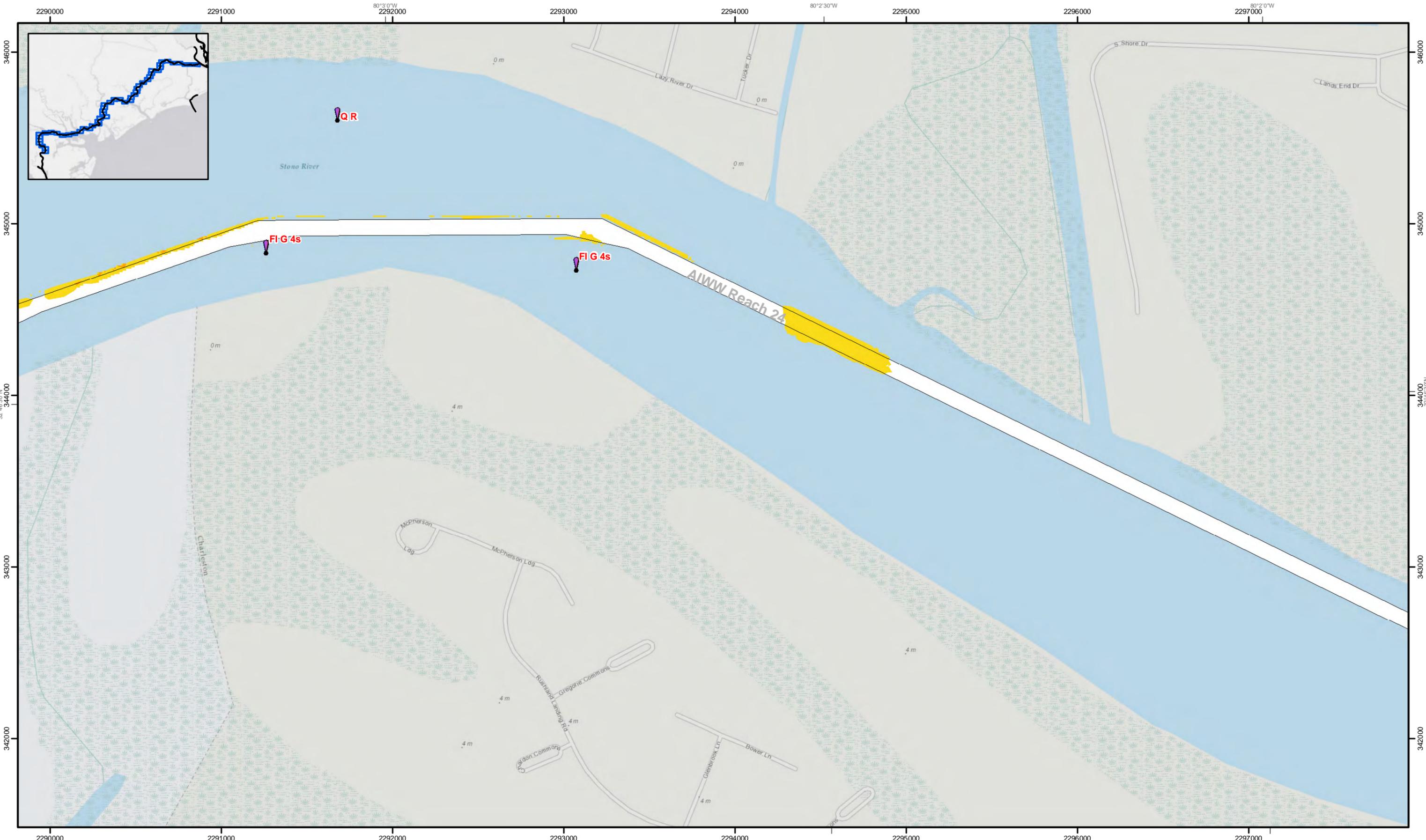
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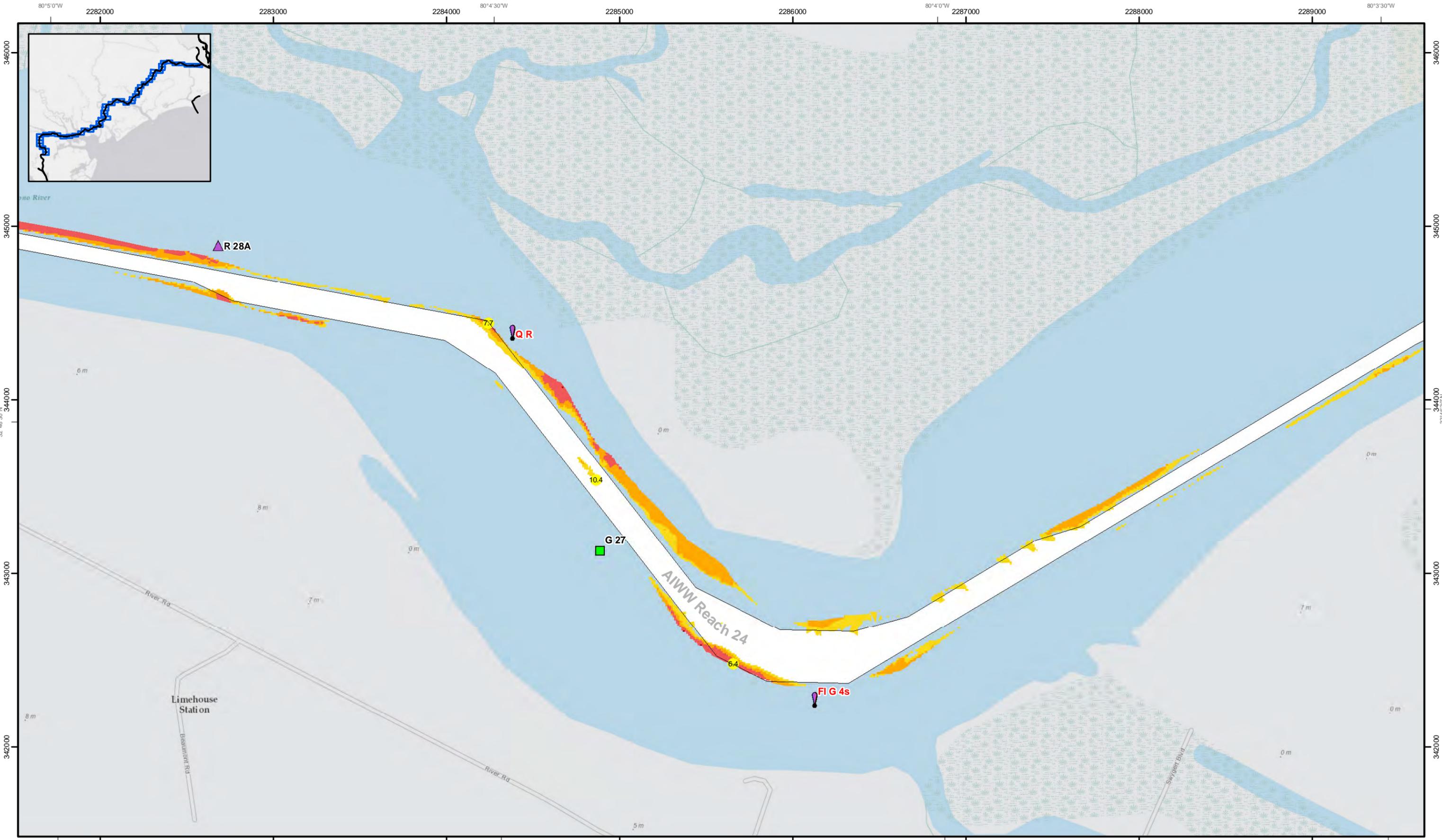
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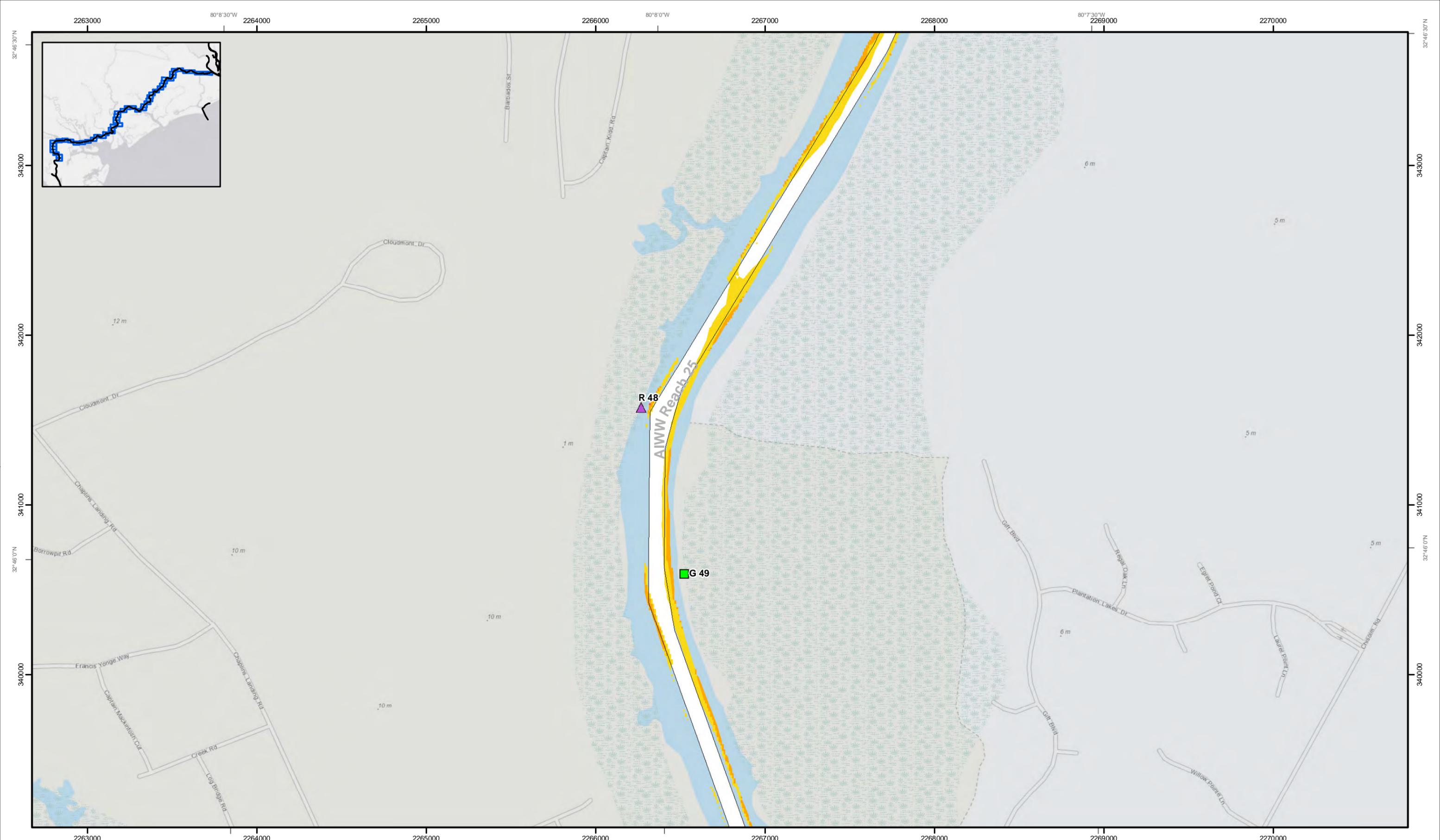
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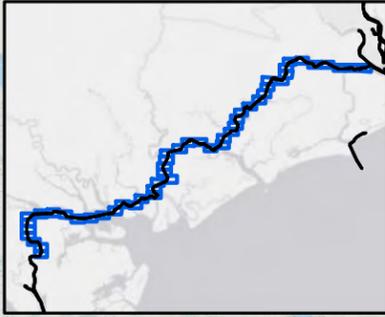
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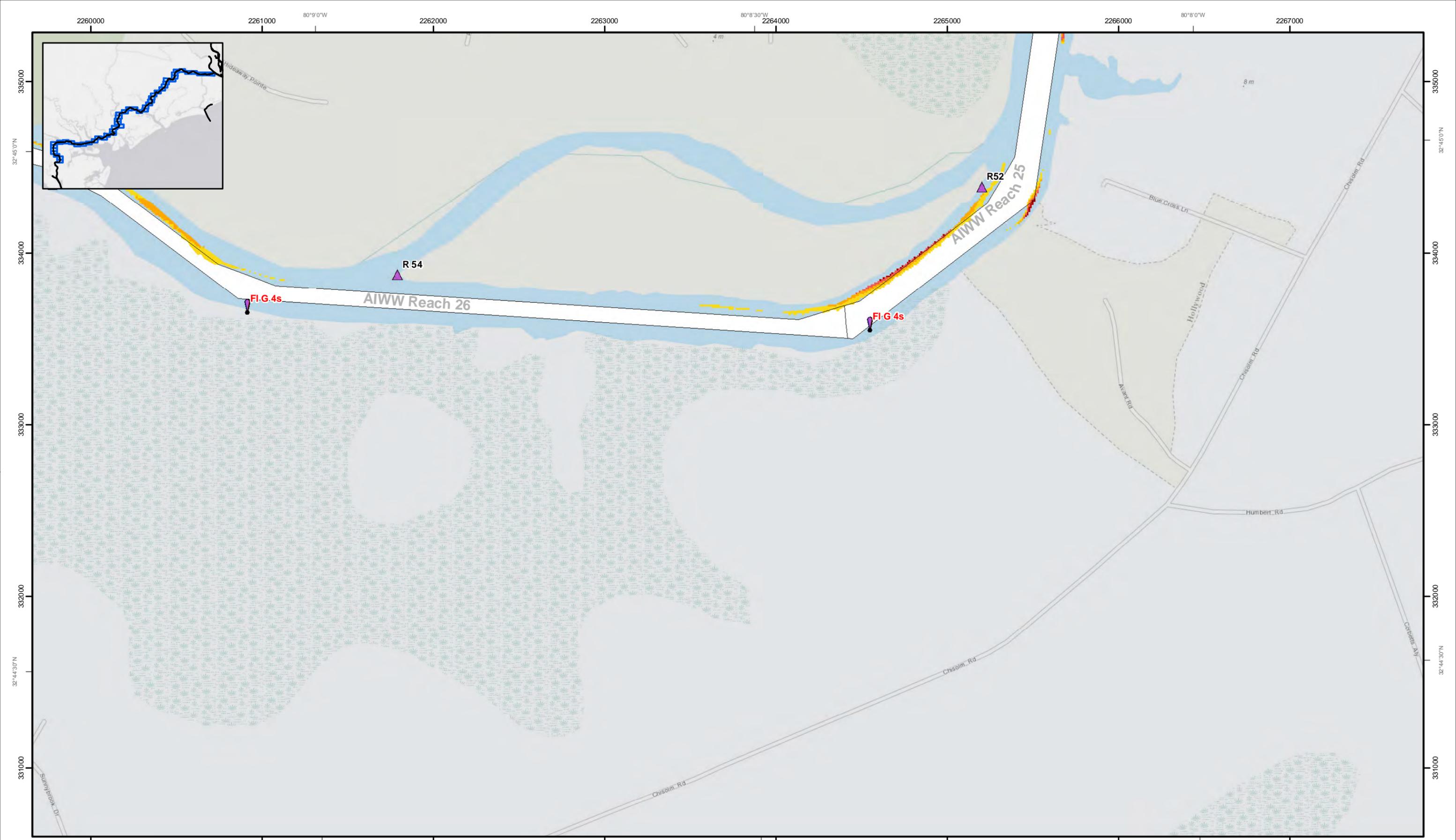
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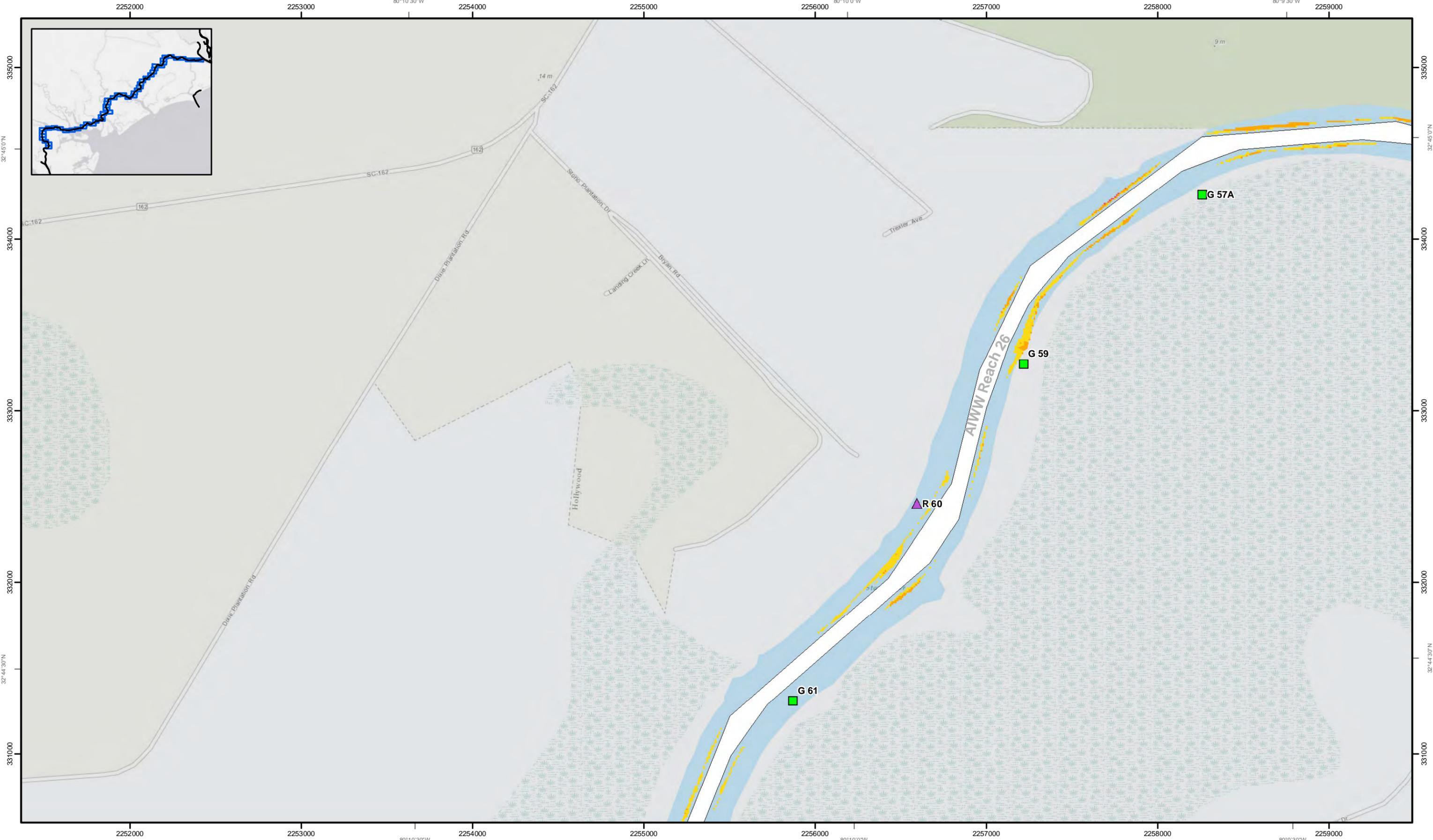
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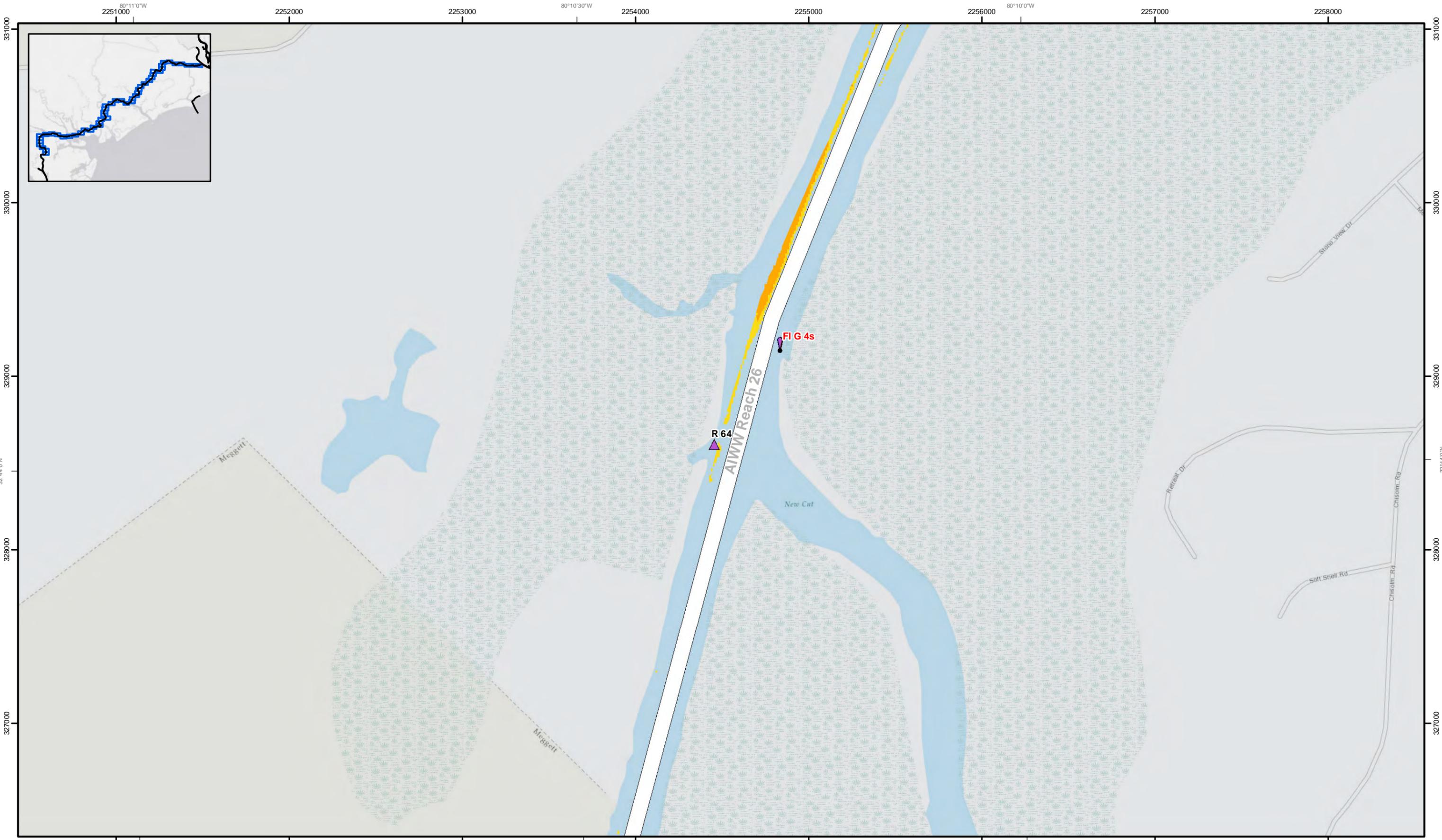
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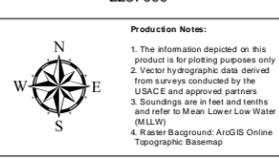
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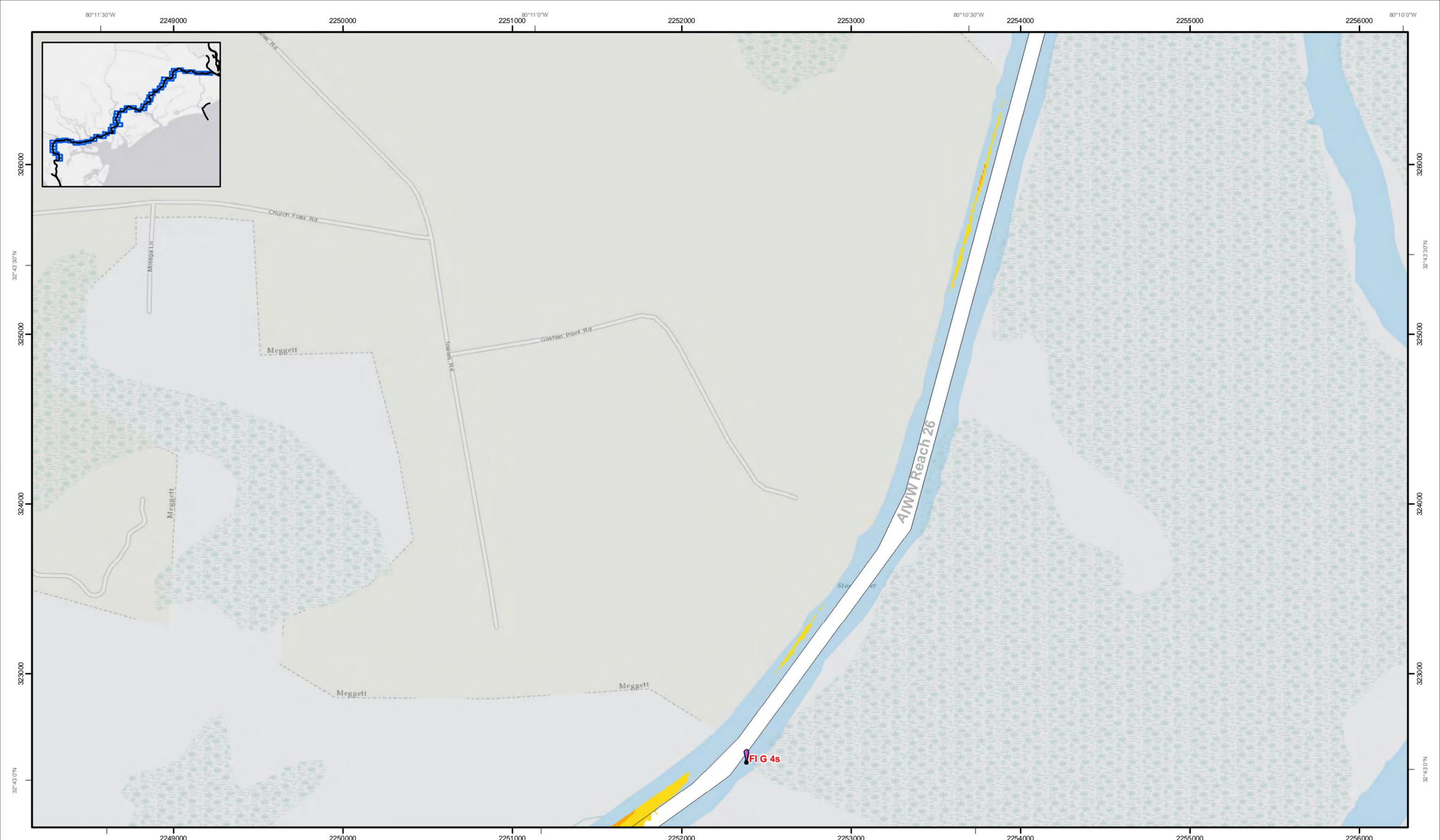
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80°11'30"W 2249000 2250000 2251000 80°11'0"W 2252000 2253000 80°10'30"W 2254000 2255000 2256000 80°10'0"W

32°43'30"N 326000 325000 324000 323000 32°43'0"N

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Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

Shoalest Sounding
● Sounding

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
○ Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

■ Less than 6 ■ 6 to 8 ■ 8 to 10 ■ 10 to 12 ■ Greater than 12

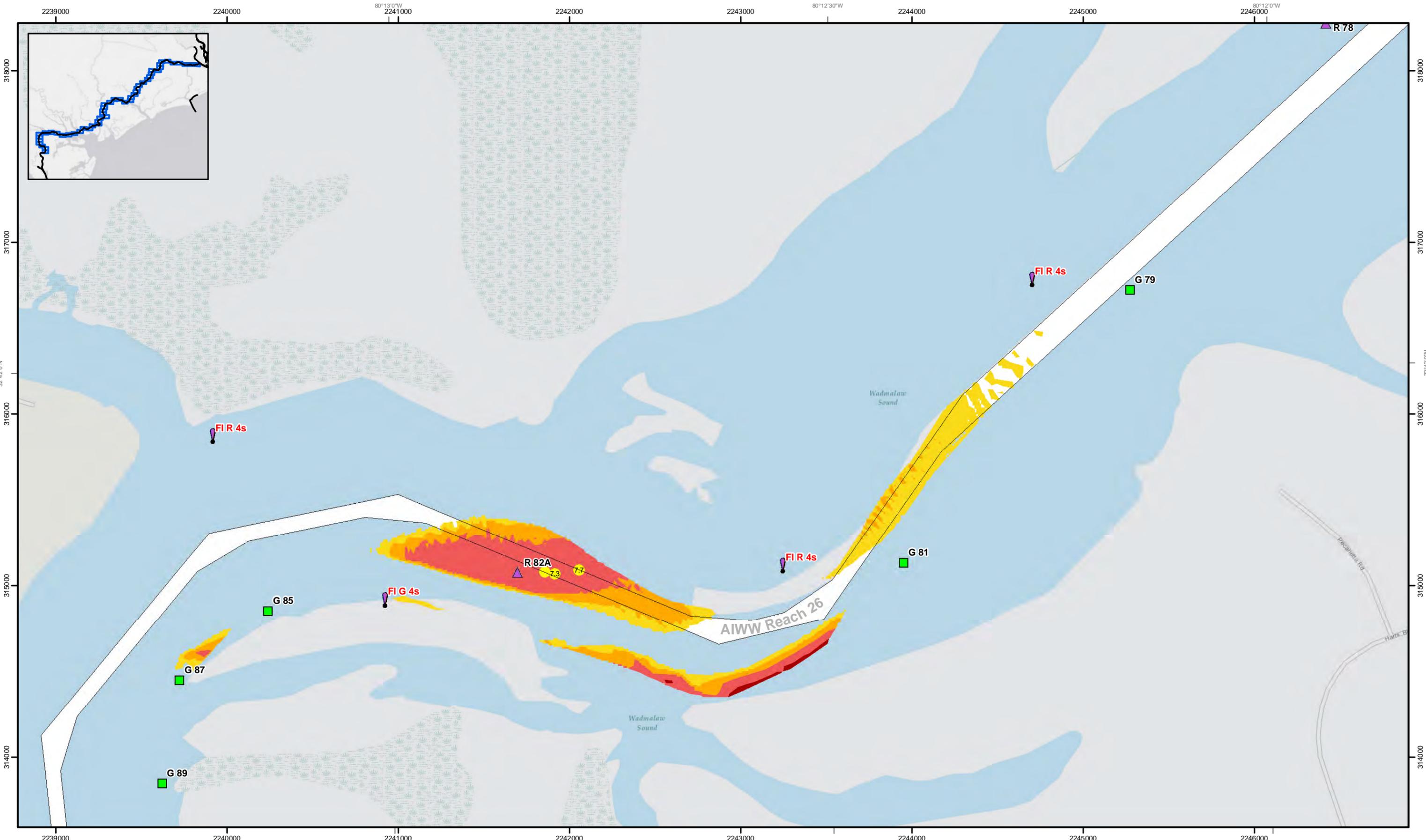
0 250 500 1,000 1,500 Feet



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4. Raster Background: ArcGIS Online Topographic Basemap.

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NUMBER
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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**
Channel soundings based on single and/or
multibeam surveys conducted by the
US Army Corps of Engineers.
Conducted on: **01 August 2014**
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 v3.6.1	Design date: 23 Sep 2014	Export date: 23 Sep 2014
Reviewed by: J. West	Absolute scale: 1:6,000	Project Reference Number: CESAC-PR-0049
Reference scale: 1 inch = 500 feet	Survey Type/Date: Condition/01 August 2014	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
Green
Red
White

USCG Buoy
Green
Red
Coast Guard Racon

White
Yellow
USCG Light

Depth in feet

Less than 6	6 to 8	8 to 10	10 to 12	Greater than 12
-------------	--------	---------	----------	-----------------

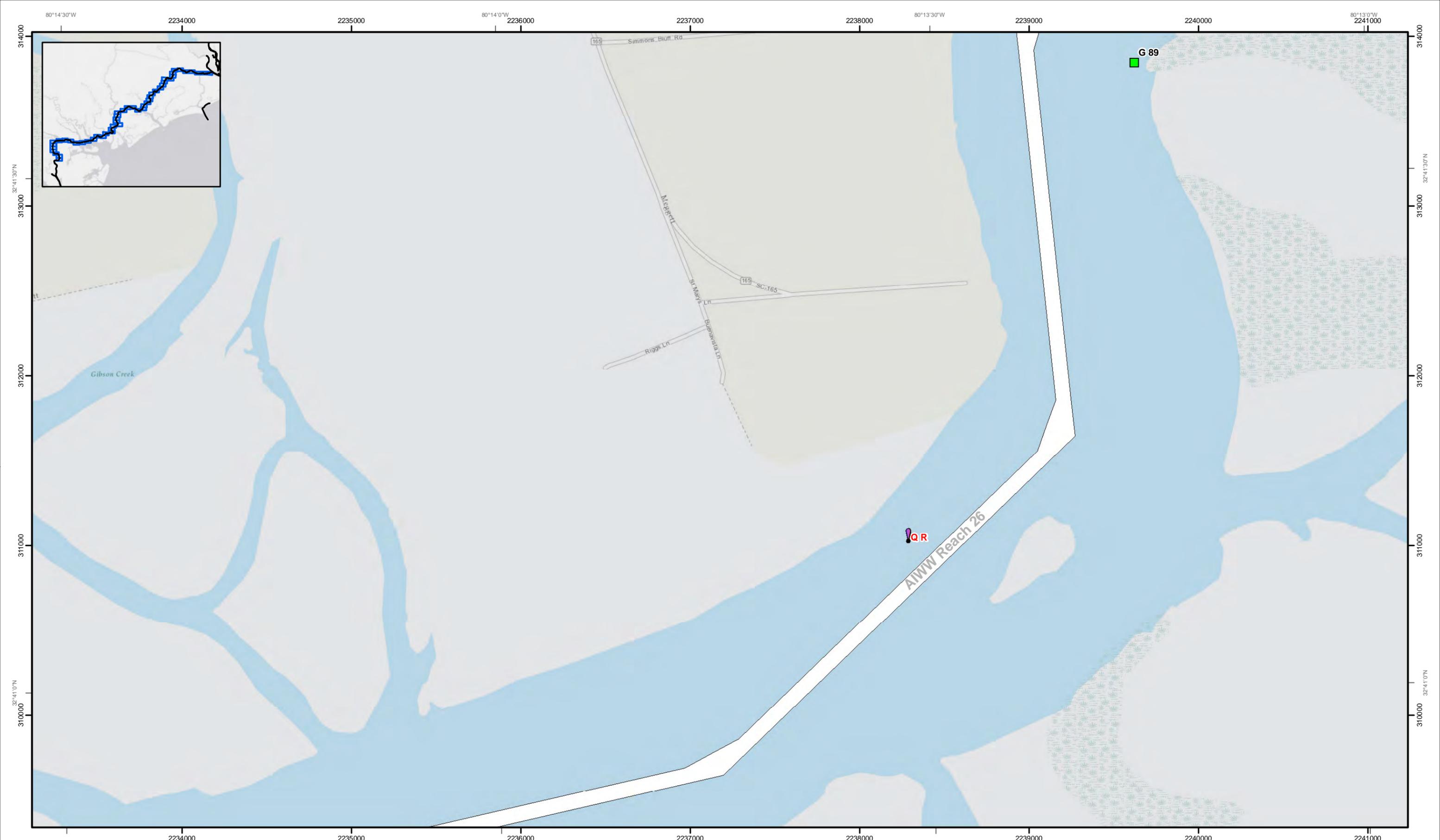
0 250 500 1,000 1,500 Feet



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Channel Survey**
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Shoalest Sounding
● Sounding
*Sounding may cover several
point areas and is calculated
per reach quarter area.*

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

● White
● Yellow
● USCG Light

Depth in feet

Less than 6	6 to 8	8 to 10	10 to 12	Greater than 12
-------------	--------	---------	----------	-----------------

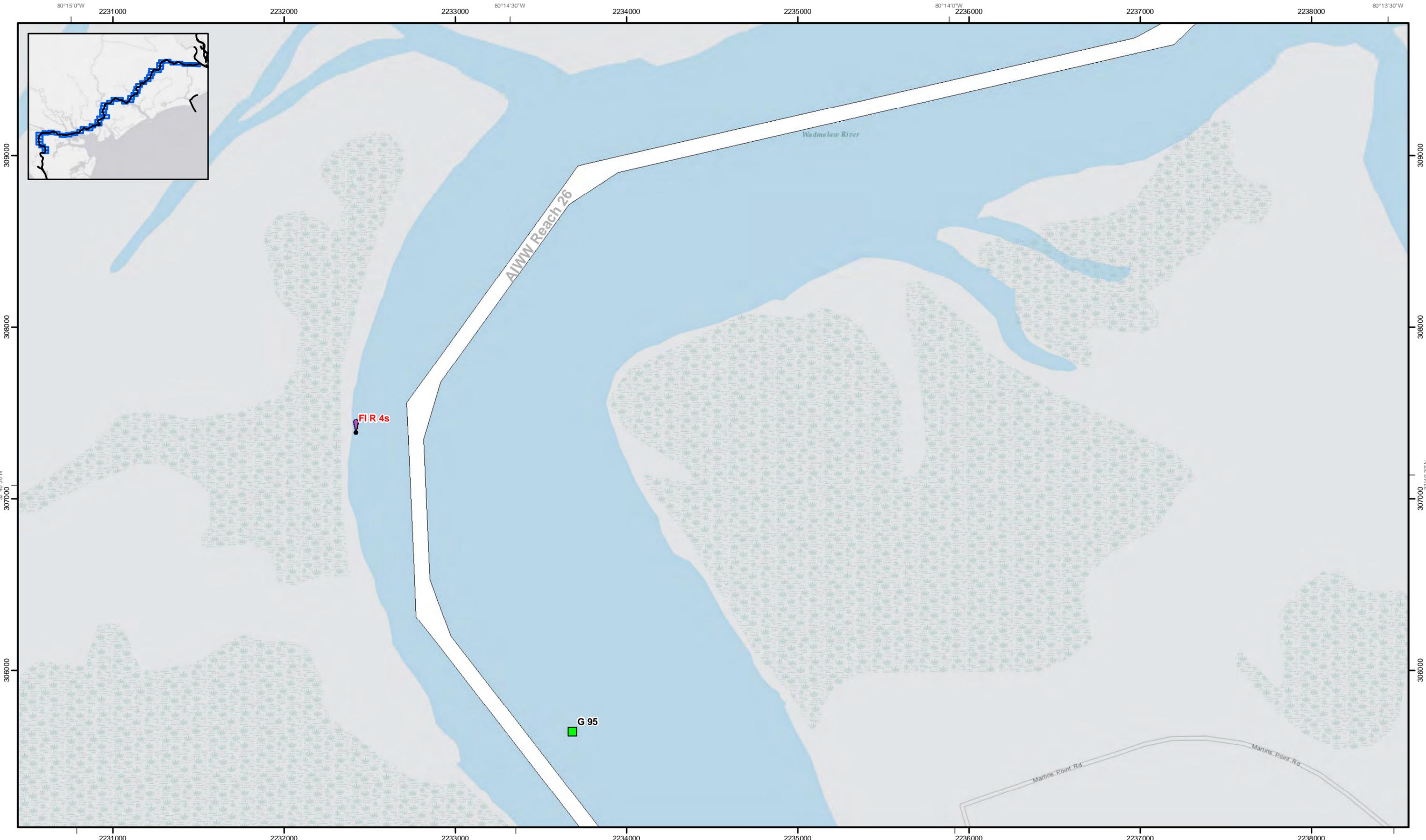
0 250 500 1,000 1,500 Feet



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Channel Survey**
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Conducted on: **01 August 2014**
Charleston, SC to Port Royal, SC

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

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

Less than 6	6 to 8	8 to 10	10 to 12	Greater than 12
-------------	--------	---------	----------	-----------------

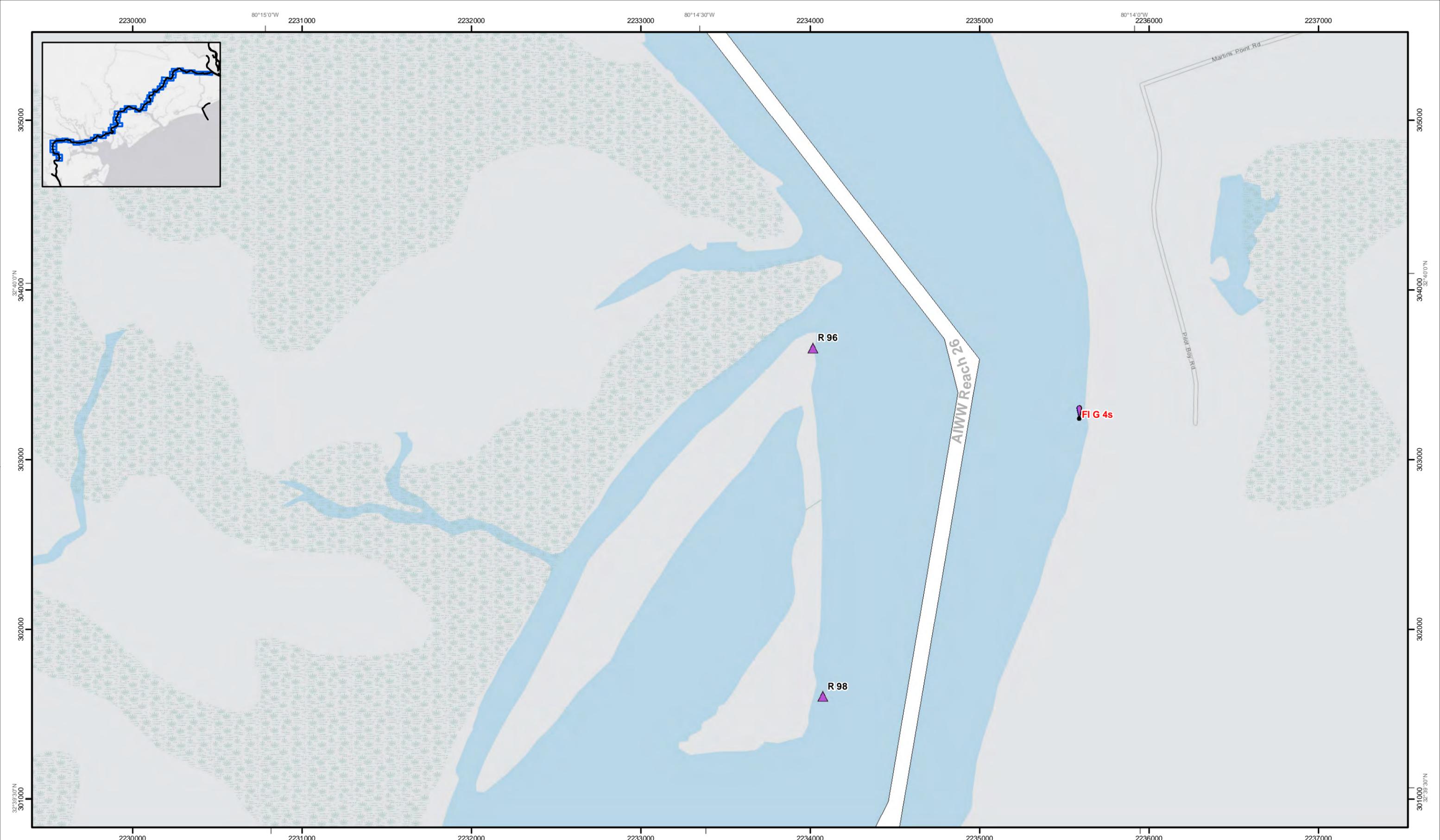
0 250 500 1,000 1,500 Feet



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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**

Channel soundings based on single and/or multibeam surveys conducted by the US Army Corps of Engineers.

Conducted on: **01 August 2014**

Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Designed by: eHydro Software v3.6.1	Design date: 23 Sep 2014	Export date: 23 Sep 2014
SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL	Reviewed by: J. West	Absolute scale: 1:6,000	Project Reference Number: CESAC-PR-0049
	Reference scale: 1 inch = 500 feet	Survey Type/Date: Condition/01 August 2014	
	Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

Shoalest Sounding

● Sounding

USCG Beacon

■ Green
▲ Red
□ White

USCG Buoy

● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

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

Depth in feet

■ Less than 6 ■ 6 to 8 ■ 8 to 10 ■ 10 to 12 ■ Greater than 12

0 250 500 1,000 1,500 Feet

North arrow symbol.

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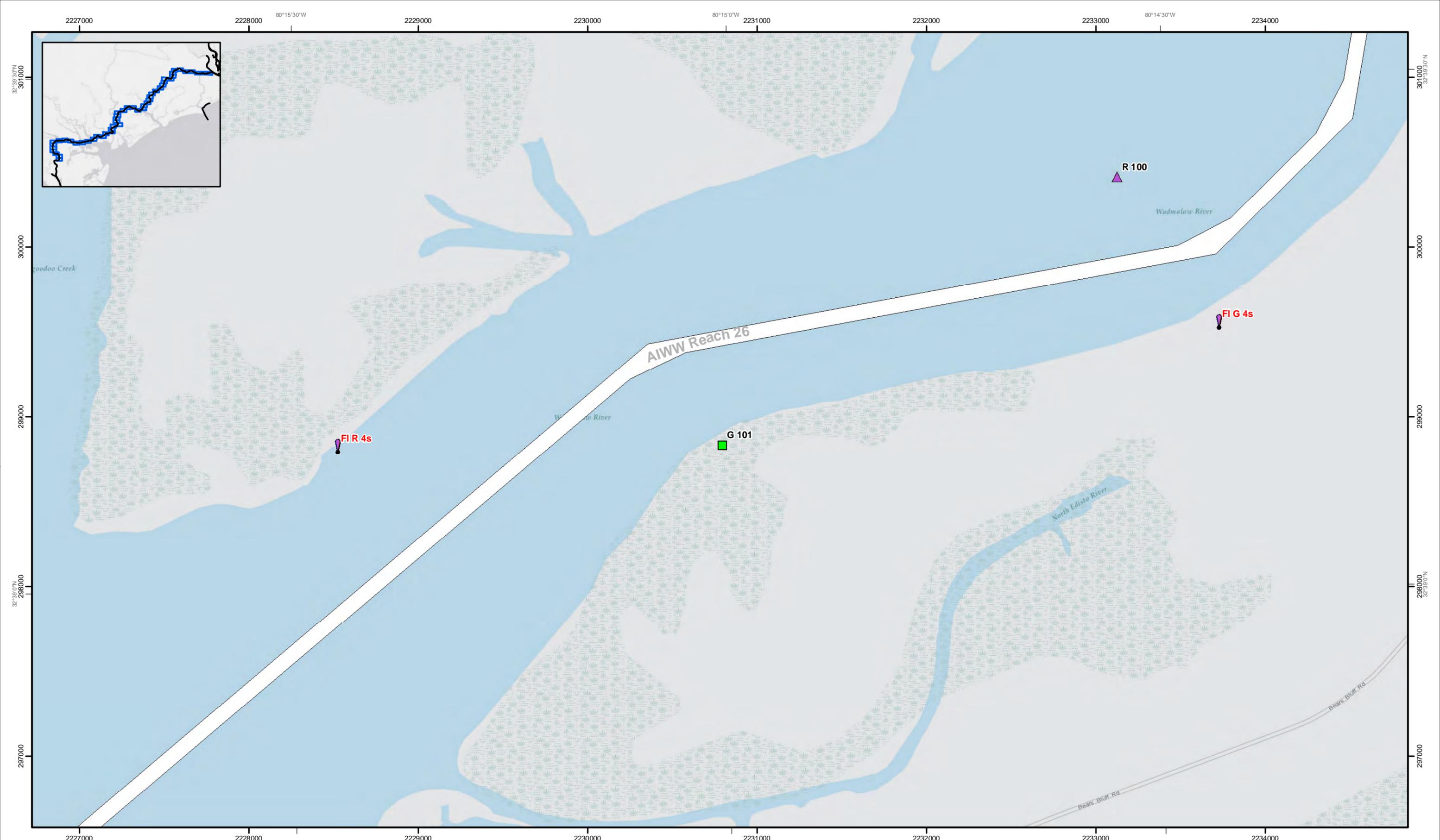
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2227000 2228000 2229000 2230000 2231000 2232000 2233000 2234000

301000 300000 299000 298000 297000

80°15'30"W 80°15'0"W 80°14'30"W

301000 300000 299000 298000 297000

32°59'30"N 32°59'0"N 32°58'30"N

Wadmalaw River

AIWW Reach 26

North Edisto River

Bears Bluff Rd

FI R 4s

G 101

R 100

FI G 4s

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**Atlantic Intercoastal Waterway (AIWW)
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Charleston, SC to Port Royal, SC

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Shoalest Sounding
● Sounding
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point areas and is calculated
per reach quarter area.*

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

■ Less than 6 ■ 6 to 8 ■ 8 to 10 ■ 10 to 12 ■ Greater than 12

0 250 500 1,000 1,500 Feet



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**Atlantic Intercoastal Waterway (AIWW)
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Charleston, SC to Port Royal, SC

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Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

Shoalest Sounding
● Sounding
Sounding may cover several point areas and is calculated per reach quarter area.

USCG Beacon
■ Green
▲ Red
□ White

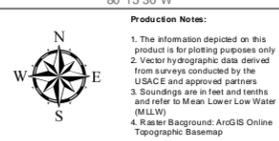
USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

■ Less than 6 ■ 6 to 8 ■ 8 to 10 ■ 10 to 12 ■ Greater than 12

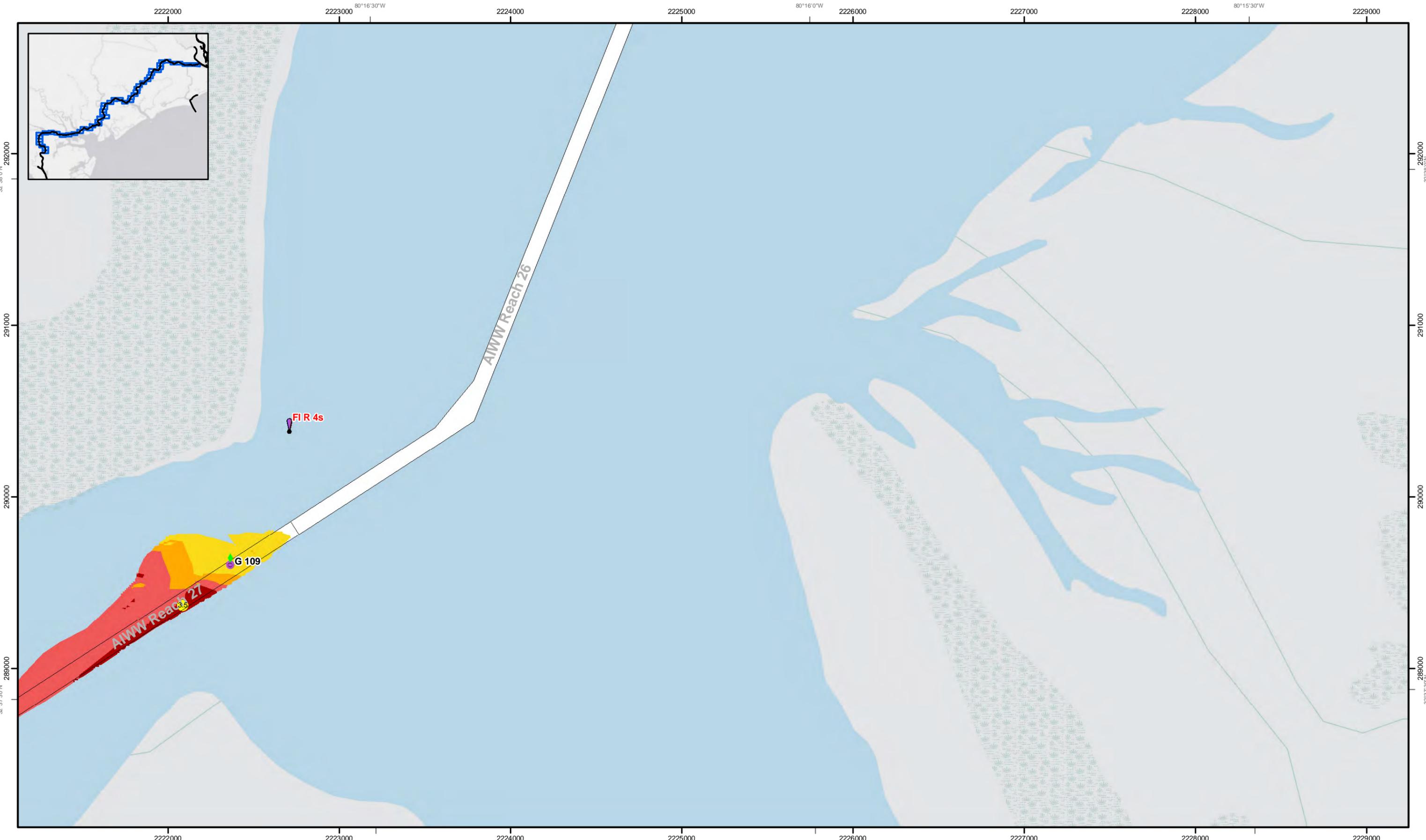
0 250 500 1,000 1,500 Feet



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**Atlantic Intercoastal Waterway (AIWW)
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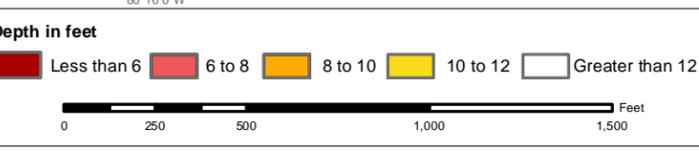
Shoalest Sounding
● Sounding

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

● White
● Yellow
● USCG Light

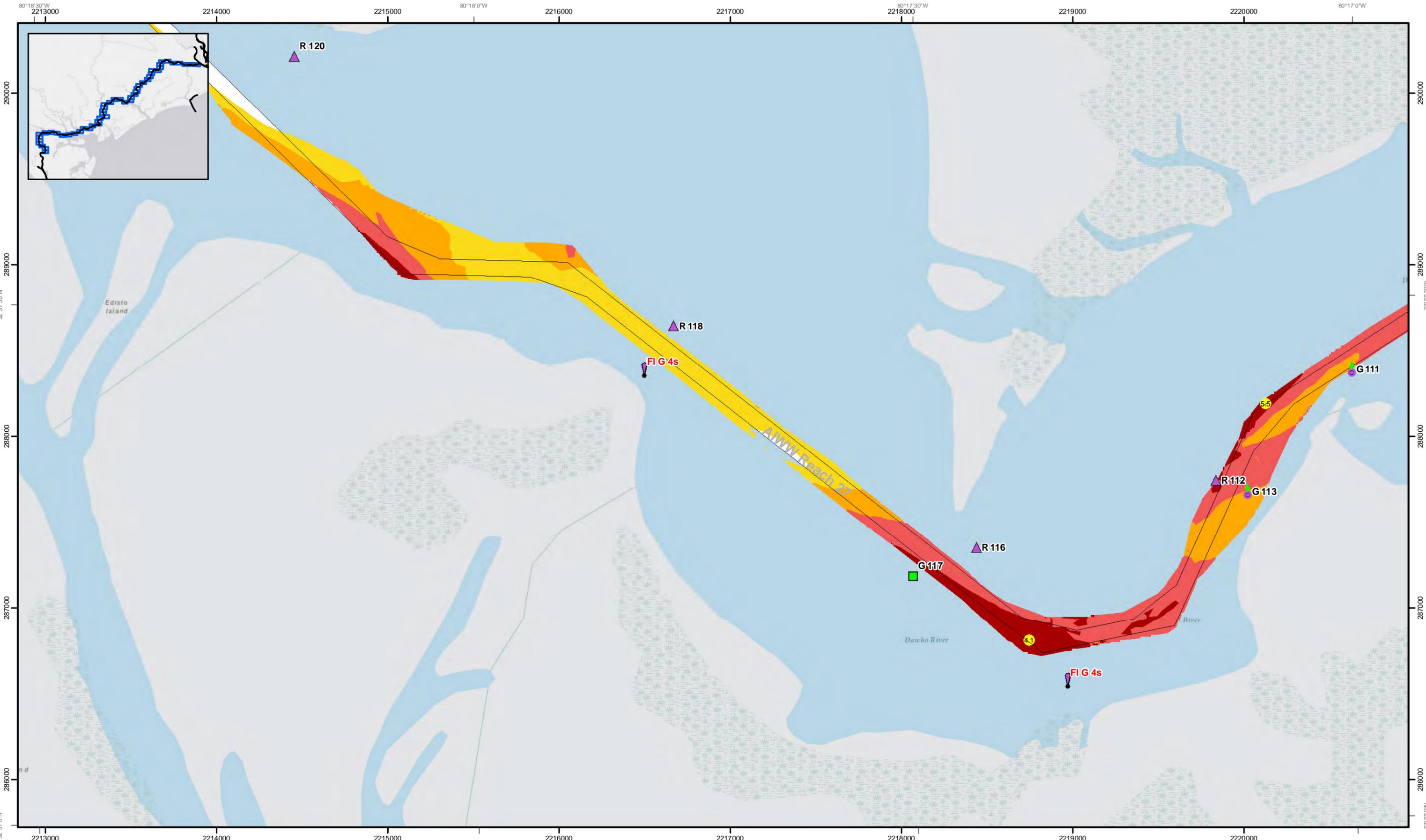
Depth in feet
■ Less than 6
■ 6 to 8
■ 8 to 10
■ 10 to 12
■ Greater than 12



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Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

Less than 6	6 to 8	8 to 10	10 to 12	Greater than 12
-------------	--------	---------	----------	-----------------

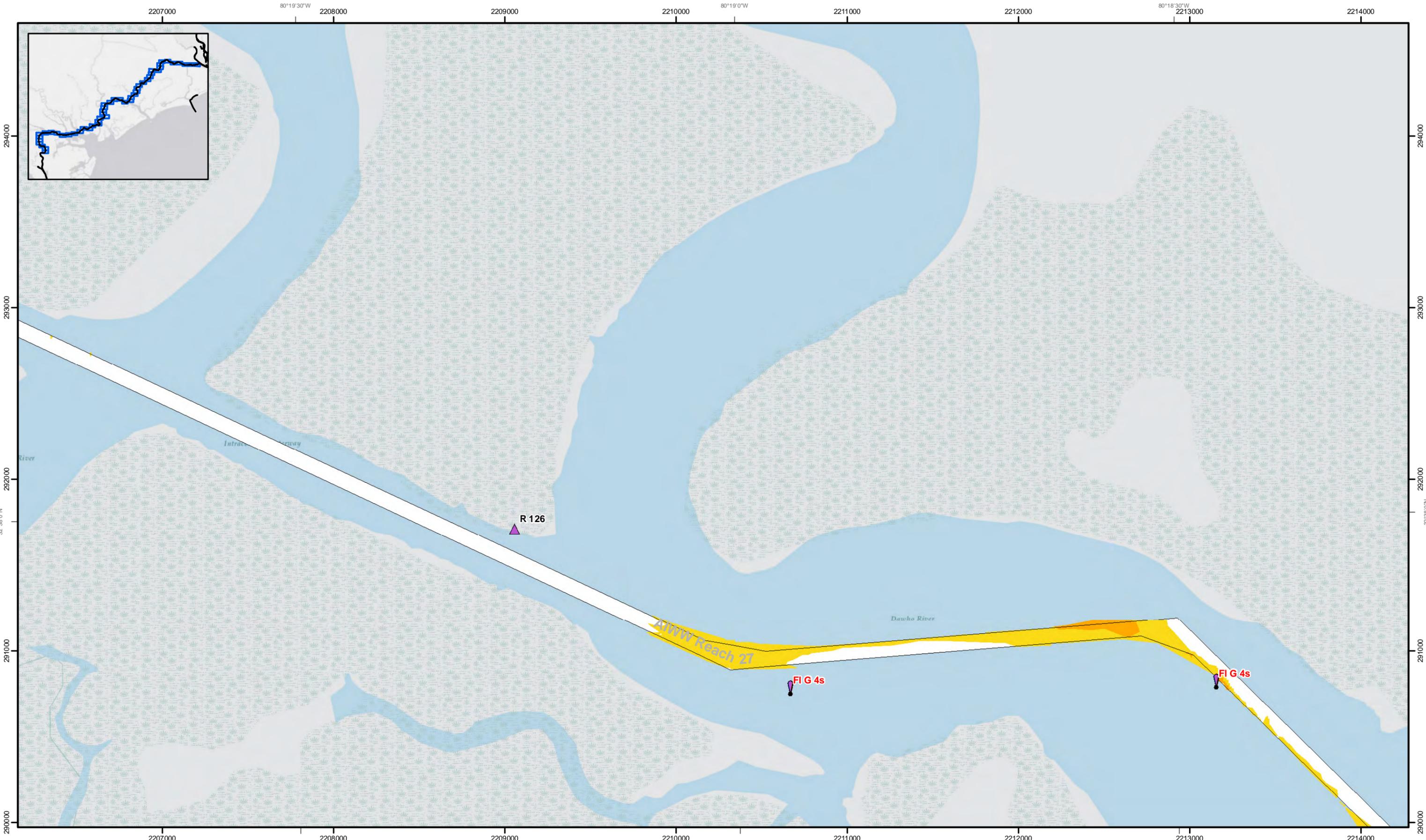
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Topographic Basemap

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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: eHydro Software v3.6.1 Reviewed by: J. West Reference scale: 1 inch = 500 feet Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet	Design date: 23 Sep 2014 Project Reference Number: CESAC-PR-0049 Survey Type/Date: Condition/01 August 2014	Export date: 23 Sep 2014
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Shoalest Sounding
 Sounding
Sounding may cover several point areas and is calculated per reach quarter area.

USCG Beacon
 Green
 Red
 White

USCG Buoy
 Green
 Red
 Coast Guard Racon

White
 Yellow
 USCG Light

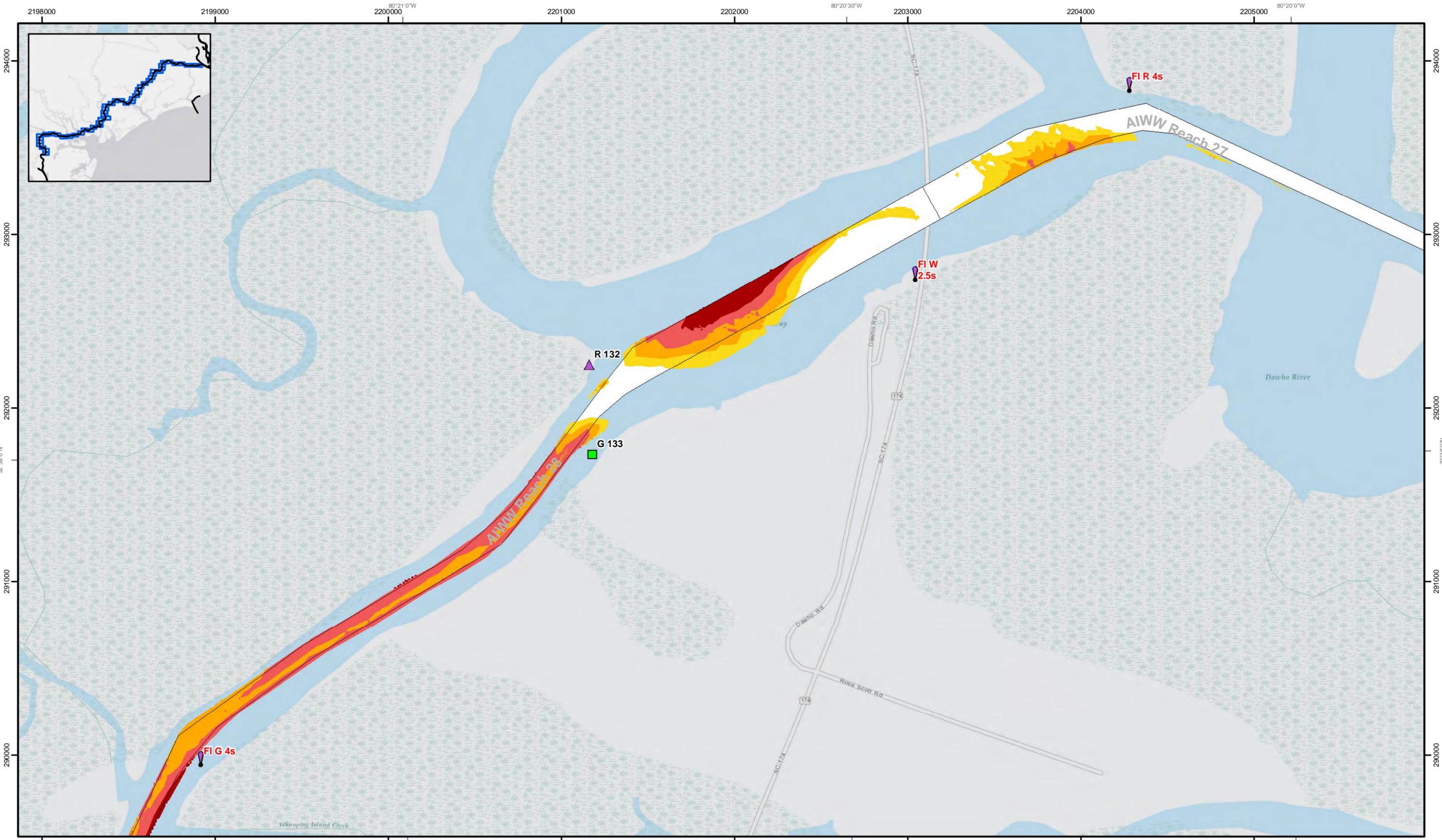
Depth in feet
 Less than 6
 6 to 8
 8 to 10
 10 to 12
 Greater than 12

0 250 500 1,000 1,500 Feet

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

USCG Beacon
Green
Red
White

USCG Buoy
Green
Red
Coast Guard Racon

White
Yellow
USCG Light

Depth in feet

Less than 6	6 to 8	8 to 10	10 to 12	Greater than 12
-------------	--------	---------	----------	-----------------

0 250 500 1,000 1,500 Feet



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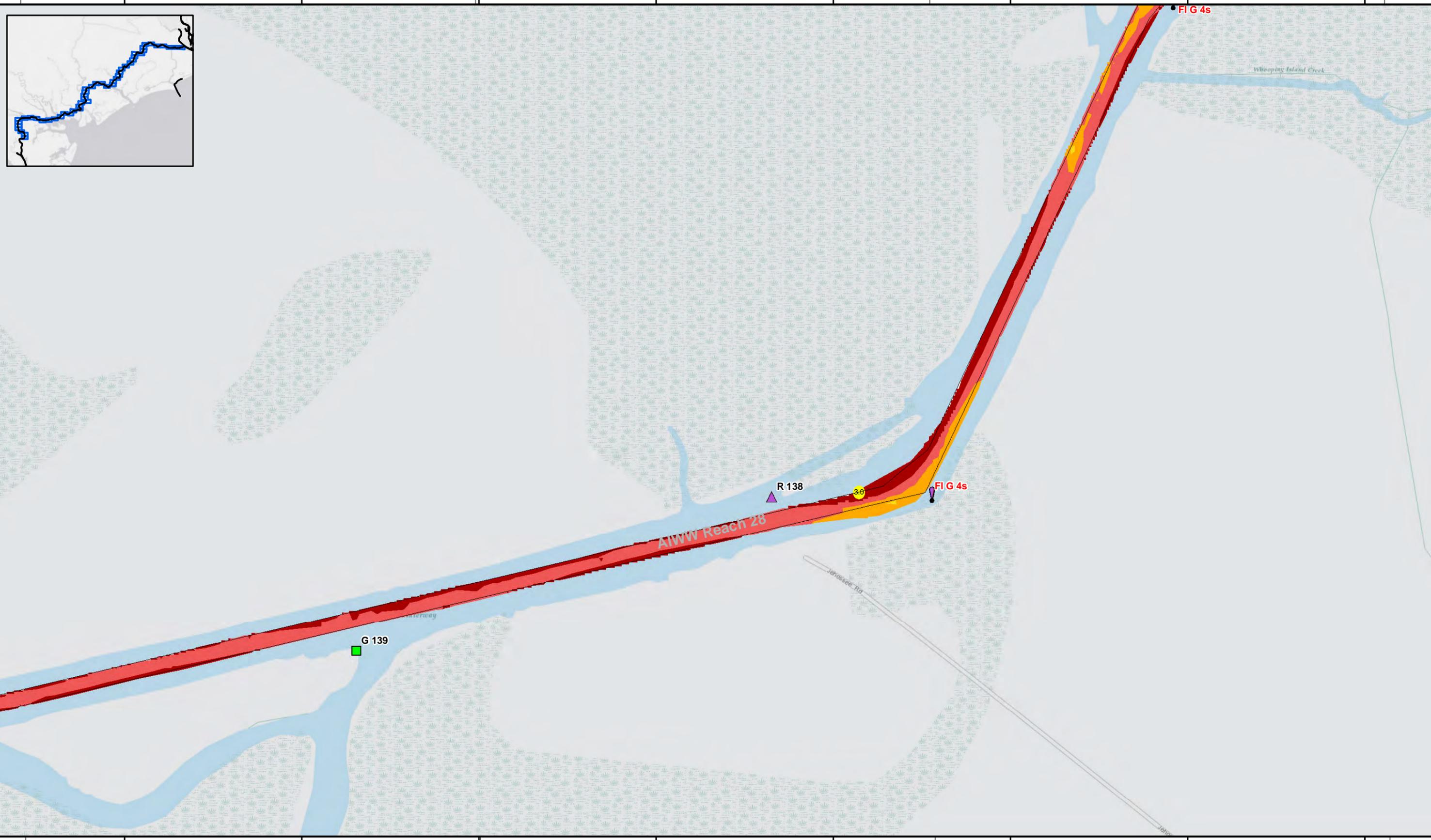
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80°22'30"W 2193000 2194000 2195000 2196000 2197000 2198000 80°21'30"W 2199000 2200000 80°21'0"W



80°22'30"W 2193000 2194000 2195000 2196000 2197000 2198000 80°21'30"W 2199000 2200000 80°21'0"W

Atlantic Intercoastal Waterway (AIWW) Channel Survey

Channel soundings based on single and/or multibeam surveys conducted by the US Army Corps of Engineers.

Conducted on: 01 August 2014

Charleston, SC to Port Royal, SC

SHEET REFERENCE NUMBER C003 Page 25 of 50

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Designed by: eHydro Software v3.6.1	Design date: 23 Sep 2014	Export date: 23 Sep 2014
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	Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

Shoalest Sounding

● Sounding

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

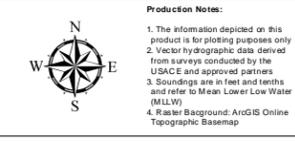
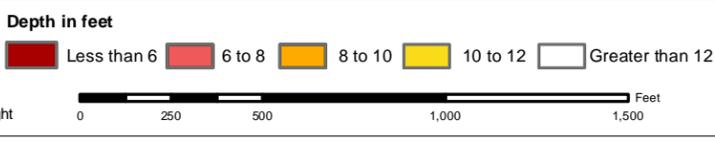
USCG Beacon

■ Green
▲ Red
□ White

USCG Buoy

● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light



Production Notes:

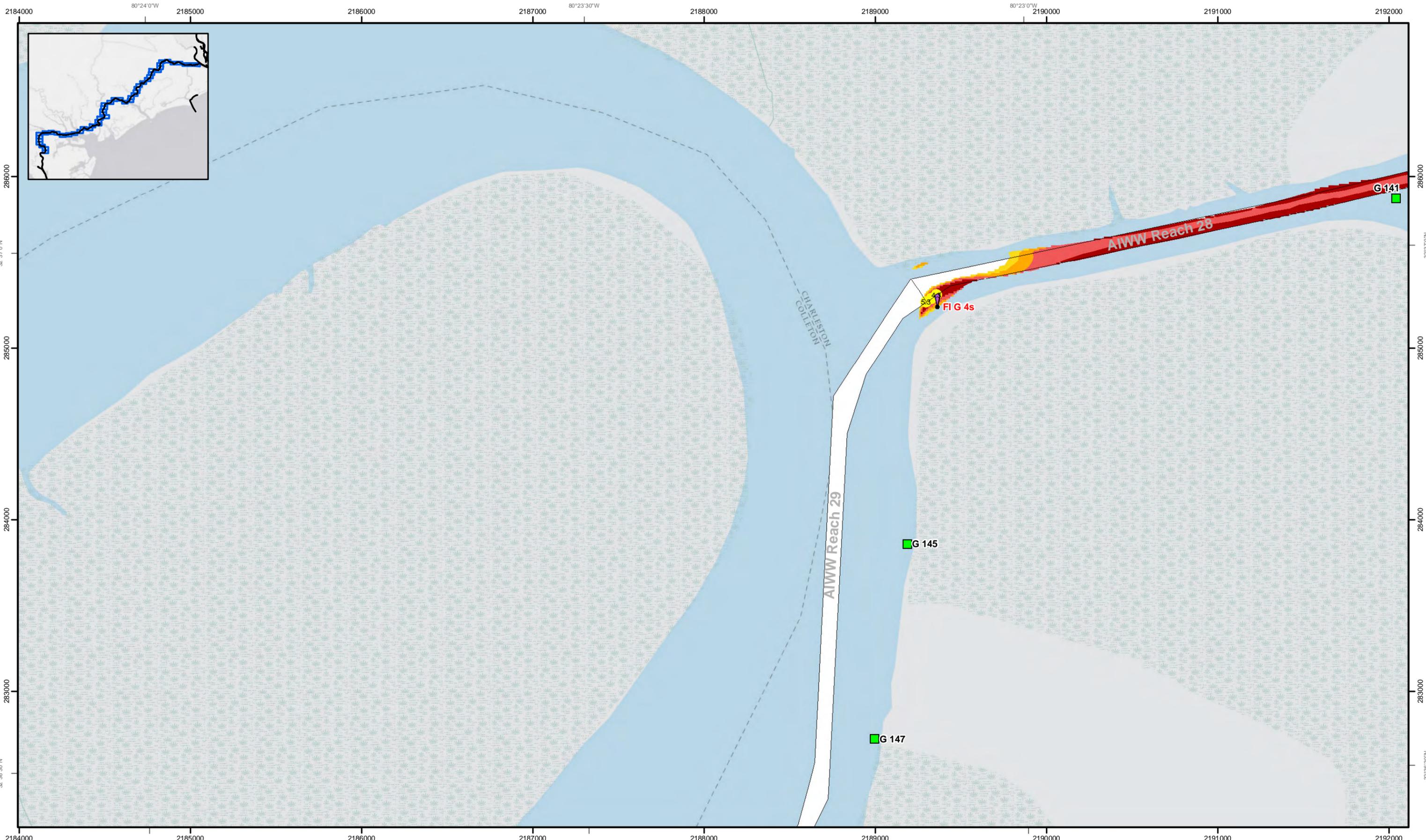
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**Atlantic Intercoastal Waterway (AIIWW)
Channel Survey**

Channel soundings based on single and/or
multibeam surveys conducted by the
US Army Corps of Engineers.
Conducted on: **01 August 2014**

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 v3.6.1	Design date: 23 Sep 2014	Export date: 23 Sep 2014
Reviewed by: J. West	Absolute scale: 1:6,000	Project Reference Number: CESAC-PRA-0049
Reference scale: 1 inch = 500 feet	Survey Type/Date: Condition/01 August 2014	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

Less than 6	6 to 8	8 to 10	10 to 12	Greater than 12
-------------	--------	---------	----------	-----------------

0 250 500 1,000 1,500 Feet



Production Notes:
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3. Soundings are in feet and tennis and refer to Mean Lower Low Water (MLLW).
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SHEET
REFERENCE
NUMBER
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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**

Channel soundings based on single and/or multibeam surveys conducted by the US Army Corps of Engineers.

Conducted on: **01 August 2014**

Charleston, SC to Port Royal, SC

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

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Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

Shoalest Sounding

● Sounding

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

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

Depth in feet

■ Less than 6 ■ 6 to 8 ■ 8 to 10 ■ 10 to 12 ■ Greater than 12

0 250 500 1,000 1,500 Feet



Production Notes:

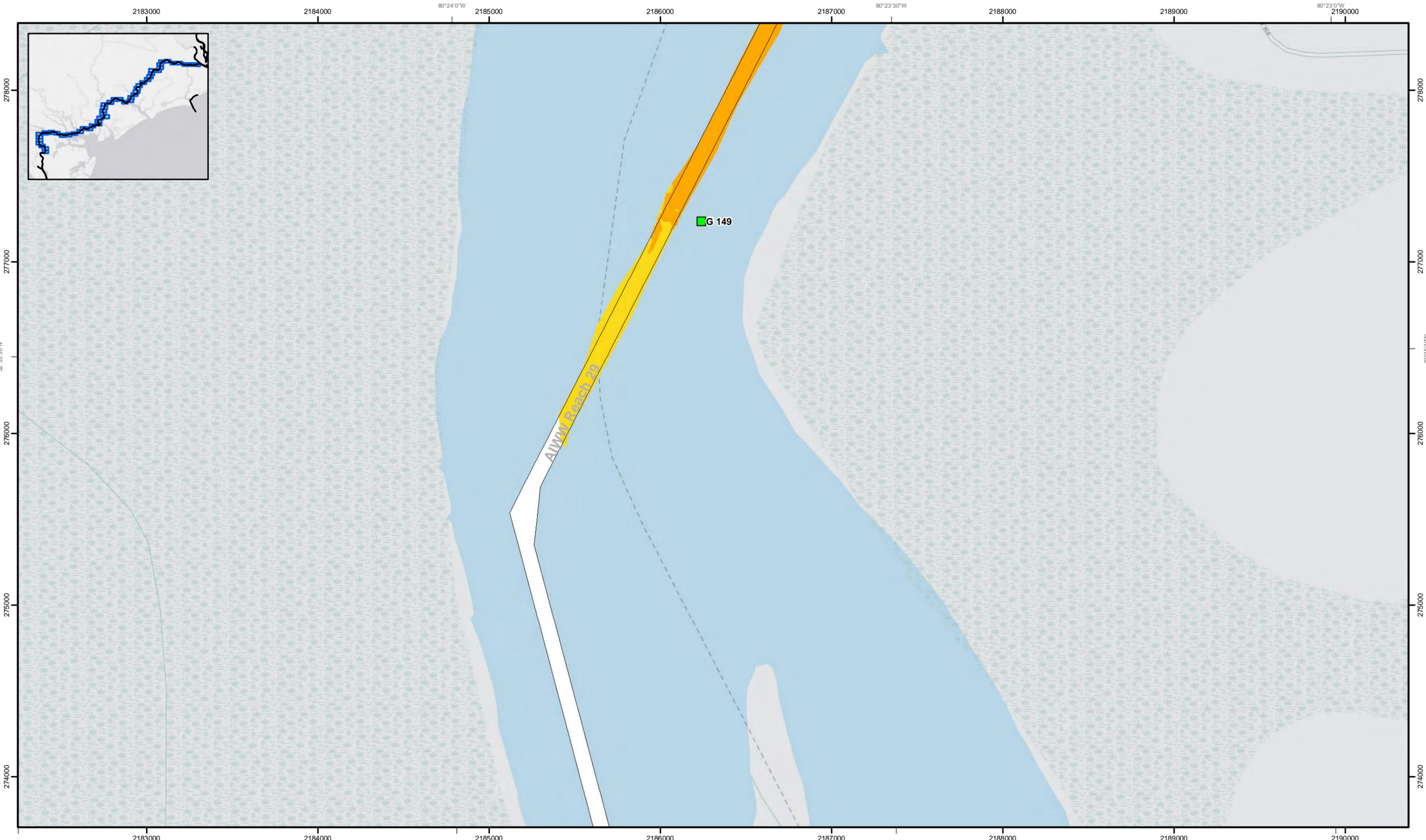
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80°24'30"W
2183000
2184000
2185000
2186000
2187000
2188000
2189000
2190000

274000
275000
276000
277000
278000

80°23'30"W

80°24'0"W
80°24'30"W
80°23'30"W

274000
275000
276000
277000
278000

80°24'30"W

2183000
2184000
2185000
2186000
2187000
2188000
2189000
2190000

80°23'30"W

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REFERENCE
NUMBER
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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**

Channel soundings based on single and/or
multibeam surveys conducted by the
US Army Corps of Engineers
Conducted on: **01 August 2014**
Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Designed by: eHydro Software v3.6.1	Design date: 23 Sep 2014	Export date: 23 Sep 2014
SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL	Reviewed by: J. West	Absolute scale: 1:6,000	Project Reference Number: CESAC-PRA-0049
	Reference scale: 1 inch = 500 feet	Survey Type/Date: Condition/01 August 2014	
	Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

■ Less than 6 ■ 6 to 8 ■ 8 to 10 ■ 10 to 12 ■ Greater than 12

0 250 500 1,000 1,500 Feet



Production Notes:

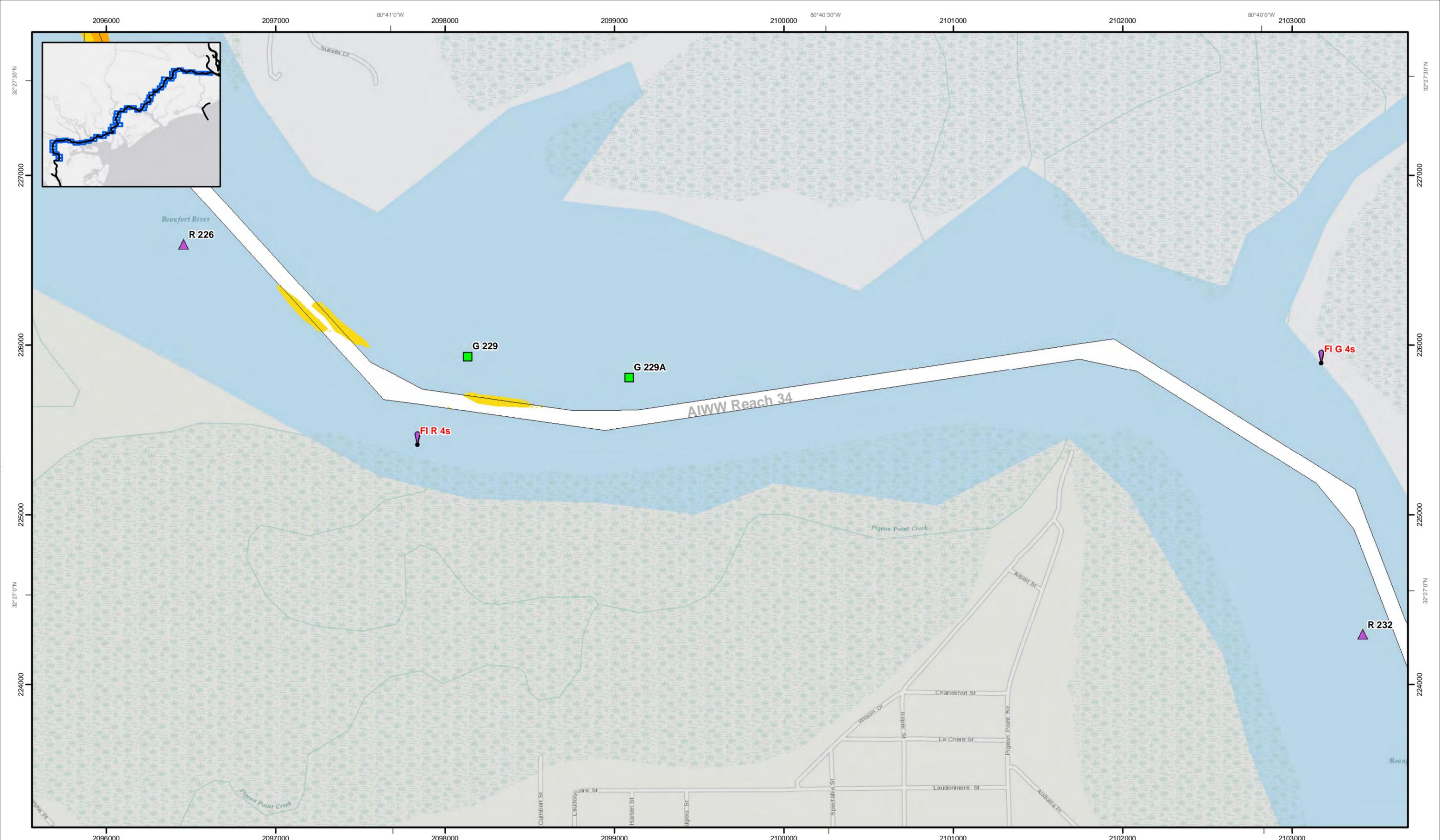
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SHEET
REFERENCE
NUMBER
C003
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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**

Channel soundings based on single and/or multibeam surveys conducted by the US Army Corps of Engineers.
Conducted on: **01 August 2014**
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 v3.6.1	Design date: 23 Sep 2014	Export date: 23 Sep 2014
Reviewed by: J. West	Absolute scale: 1:6,000	Project Reference Number: CESAC-PR-0049
Reference scale: 1 inch = 500 feet	Survey Type/Date: Condition/01 August 2014	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

Shoalest Sounding
● Sounding
Sounding may cover several point areas and is calculated per reach quarter area.

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

■ Less than 6 ■ 6 to 8 ■ 8 to 10 ■ 10 to 12 ■ Greater than 12

0 250 500 1,000 1,500 Feet



Production Notes:

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- Soundings are in feet and tenths and refer to Mean Lower Low Water (MLLW).
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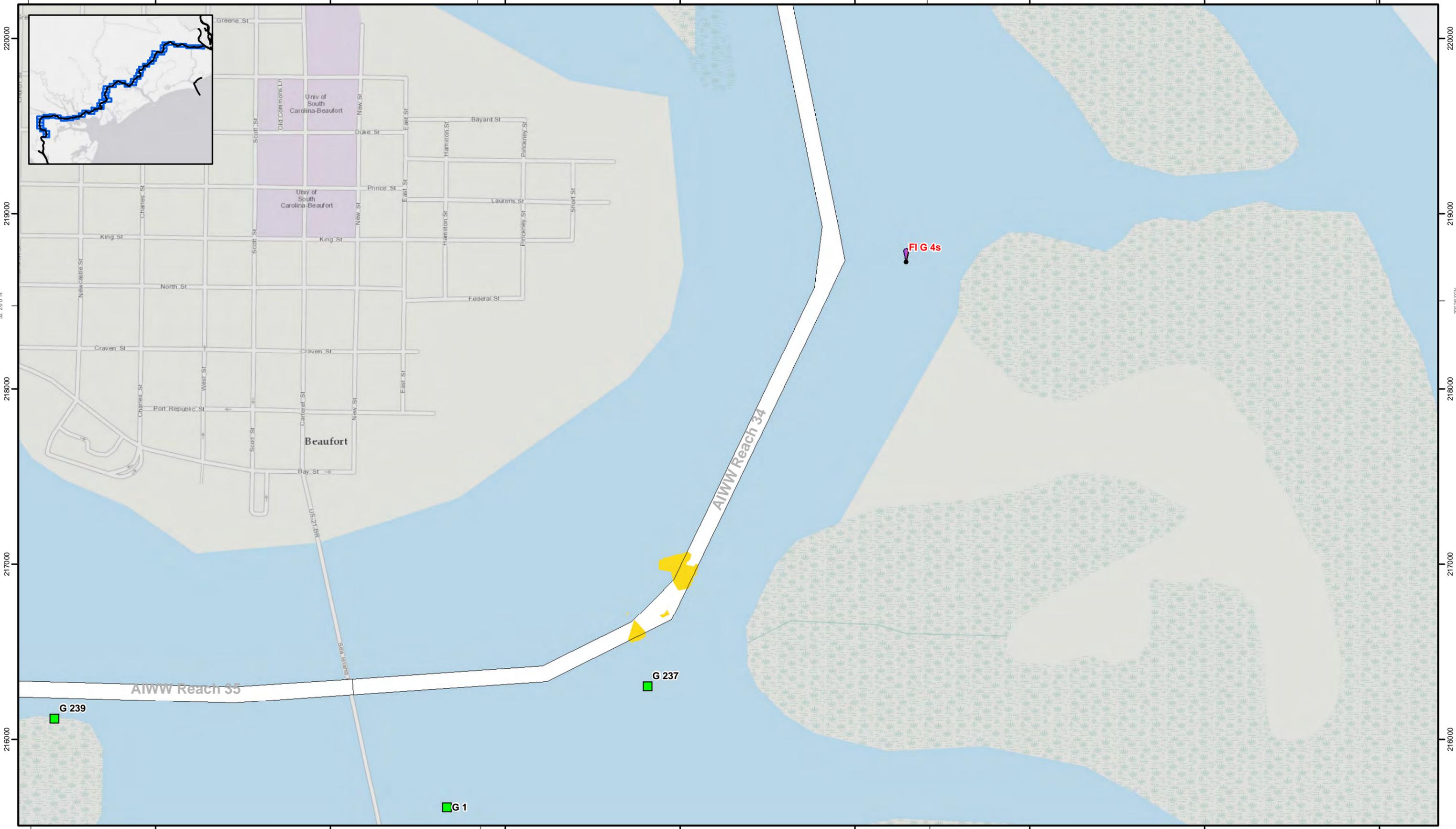
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80°40'30"W 2101000 2102000 2103000 2104000 2105000 2106000 2107000 2108000 80°39'0"W 80°39'30"W



80°40'30"W
 SHEET REFERENCE NUMBER
C003
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Atlantic Intracoastal Waterway (AIIWW) Channel Survey
 Channel soundings based on single and/or multibeam surveys conducted by the US Army Corps of Engineers.
 Conducted on: **01 August 2014**
 Charleston, SC to Port Royal, SC

Designed by: eHydro Software v3.6.1	Design date: 23 Sep 2014	Export date: 23 Sep 2014
Reviewed by: J. West	Absolute scale: 1:6,000	Project Reference Number: CESAC-PRA-0049
SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL	Reference scale: 1 inch = 500 feet	Survey Type/Date: Condition/01 August 2014
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
 Green
 Red
 White

USCG Buoy
 Green
 Red
 Coast Guard Racon

USCG Light
 White
 Yellow

Depth in feet

Less than 6	6 to 8	8 to 10	10 to 12	Greater than 12
-------------	--------	---------	----------	-----------------

0 250 500 1,000 1,500 Feet



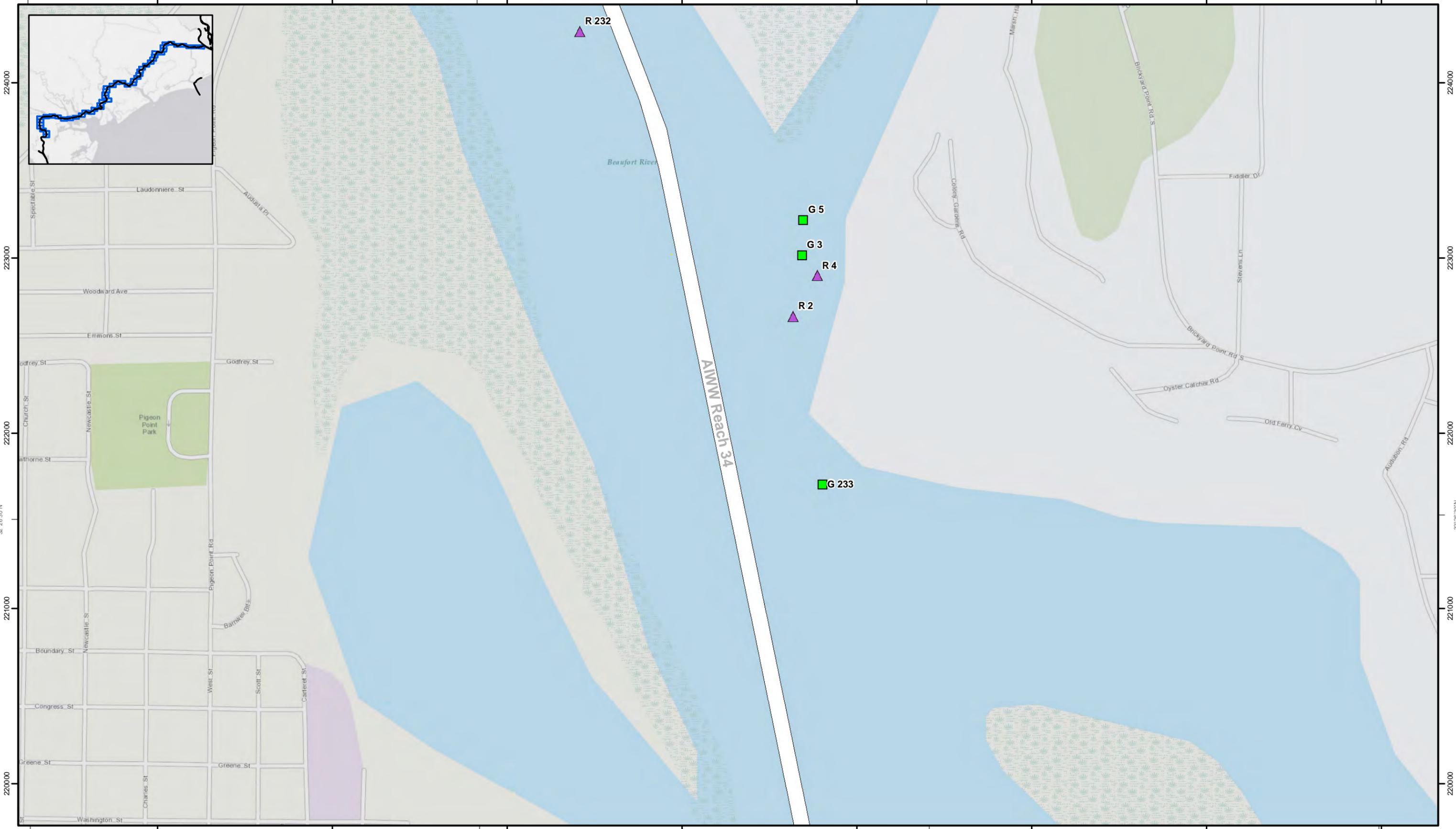
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80°40'30"W 2101000 2102000 2103000 2104000 2105000 2106000 2107000 2108000 80°39'0"W 80°39'30"W

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



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

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

Atlantic Intercoastal Waterway (AIWW) Channel Survey
 Channel soundings based on single and/or multibeam surveys conducted by the US Army Corps of Engineers.
 Conducted on: **01 August 2014**
 Charleston, SC to Port Royal, SC

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

Designed by: eHydro Software v3.6.1
 Reviewed by: J. West
 Reference scale: 1 inch = 500 feet
 Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet

Design date: 23 Sep 2014
 Export date: 23 Sep 2014
 Project Reference Number: CESAC-PR-0049
 Survey Type/Date: Condition/01 August 2014

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

Shoalest Sounding
 ● Sounding
Sounding may cover several point areas and is calculated per reach quarter area.

USCG Beacon
 ■ Green
 ▲ Red
 □ White

USCG Buoy
 ● Green
 ● Red
 ● Coast Guard Racon

○ White
 ● Yellow
 ● USCG Light

Depth in feet
 ■ Less than 6 ■ 6 to 8 ■ 8 to 10 ■ 10 to 12 ■ Greater than 12

0 250 500 1,000 1,500 Feet

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US Army Corps of Engineers
 Charleston District

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

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





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Atlantic Intercoastal Waterway (AIWW) Channel Survey
Channel soundings based on single and/or multibeam surveys conducted by the US Army Corps of Engineers.
Conducted on: **01 August 2014**
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 v3.6.1	Design date: 23 Sep 2014	Export date: 23 Sep 2014
Reviewed by: J. West	Absolute scale: 1:6,000	Project Reference Number: CESAC-PR-0049
Reference scale: 1 inch = 500 feet	Survey Type/Date: Condition/01 August 2014	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

Shoalest Sounding
● Sounding
Sounding may cover several point areas and is calculated per reach quarter area.

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

■ Less than 6 ■ 6 to 8 ■ 8 to 10 ■ 10 to 12 ■ Greater than 12

0 250 500 1,000 1,500 Feet



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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**
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US Army Corps of Engineers.
Conducted on: **01 August 2014**
Charleston, SC to Port Royal, SC

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Shoalest Sounding
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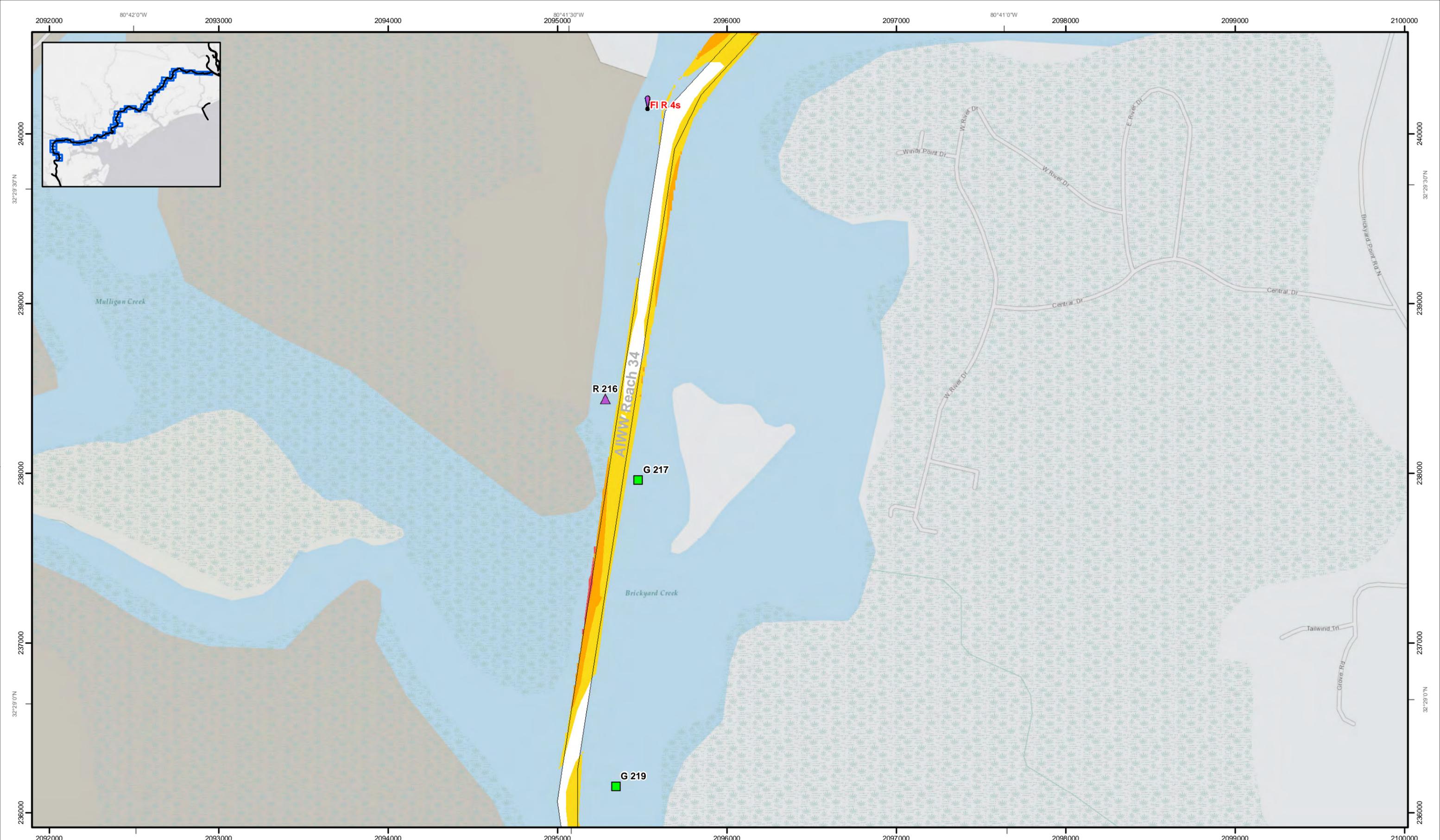
0 250 500 1,000 1,500 Feet



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NUMBER
C003
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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**
Channel soundings based on single and/or
multibeam surveys conducted by the
US Army Corps of Engineers
Conducted on: **01 August 2014**
Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA
SPATIAL DATA BRANCH
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● Sounding
*Sounding may cover several
point areas and is calculated
per reach quarter area.*

USCG Beacon
■ Green
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□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

■ Less than 6 ■ 6 to 8 ■ 8 to 10 ■ 10 to 12 ■ Greater than 12

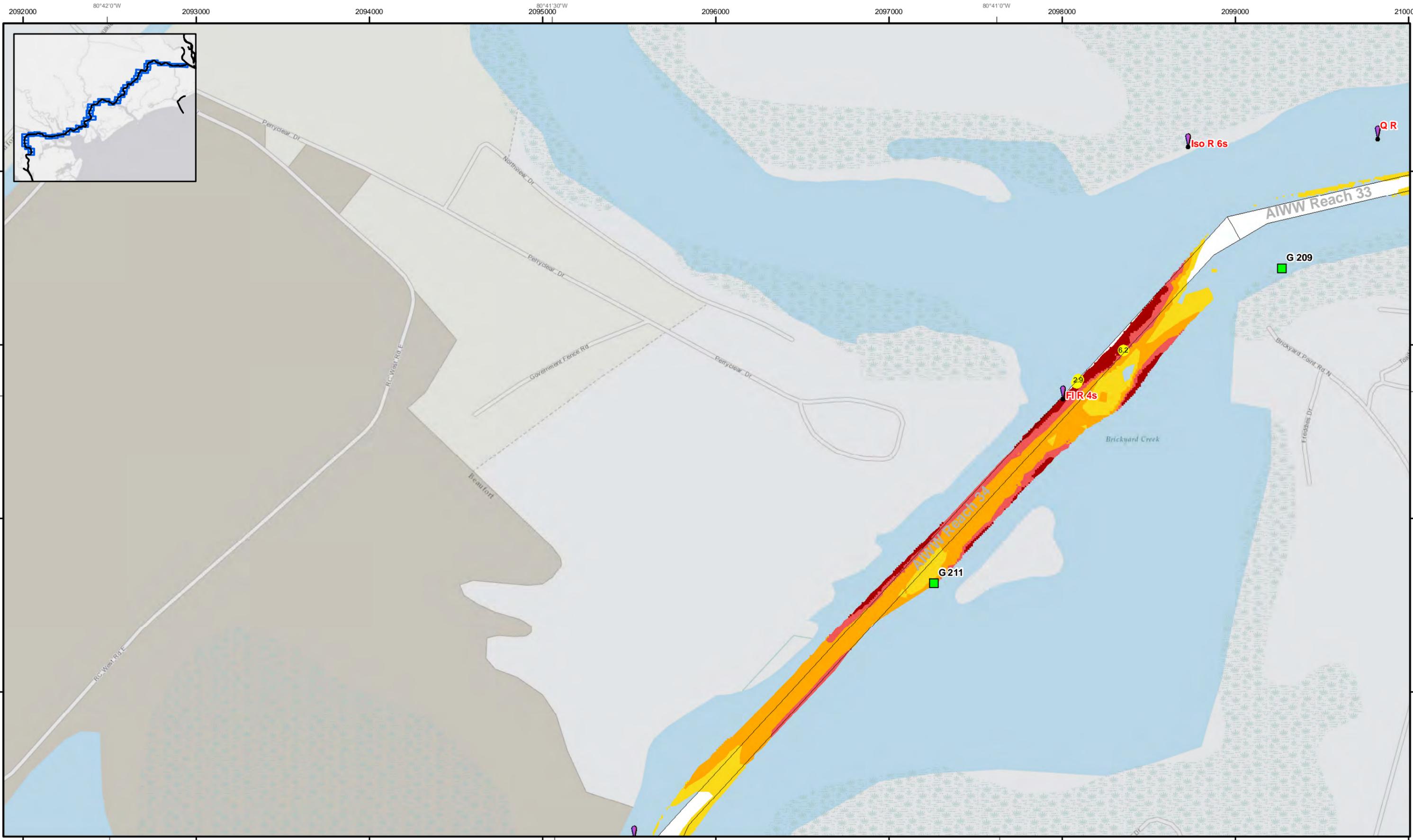
0 250 500 1,000 1,500 Feet



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C003
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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**
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Conducted on: **01 August 2014**
Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA
SPATIAL DATA BRANCH
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Reference scale: 1 inch = 500 feet	Survey Type/Date: Condition/01 August 2014	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

Less than 6	6 to 8	8 to 10	10 to 12	Greater than 12
-------------	--------	---------	----------	-----------------

0 250 500 1,000 1,500 Feet

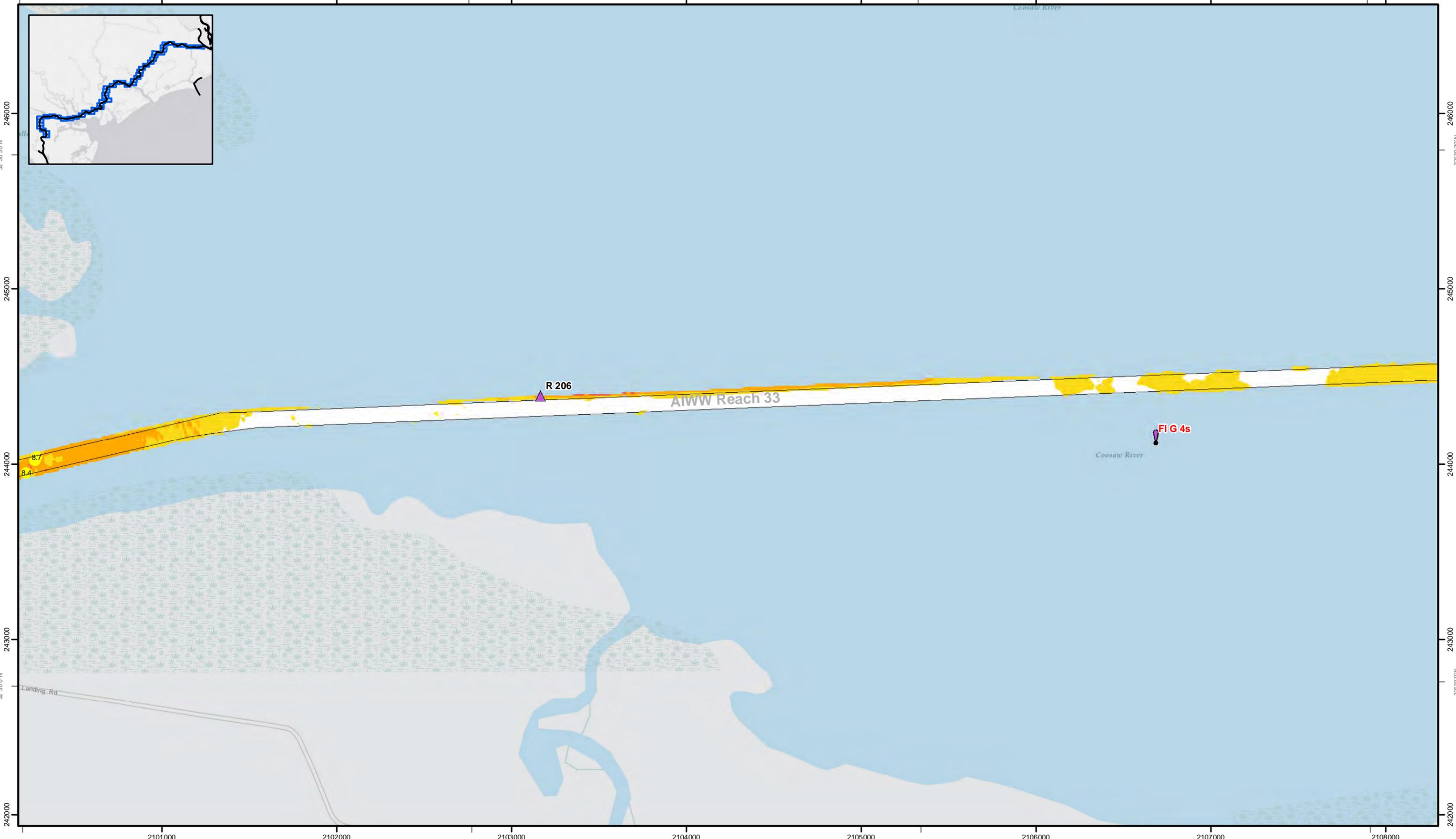


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80°40'30"W 2101000 2102000 80°40'0"W 2103000 2104000 2105000 80°39'30"W 2106000 2107000 80°39'0"W 2108000



80°40'30"W
2101000
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2103000
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80°39'30"W
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2107000
80°39'0"W
2108000

32°30'30"N
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2420000

32°30'0"N
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2450000
2440000
2430000
2420000

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

32°30'30"N
2460000
2450000
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2430000
2420000

32°30'0"N
2460000
2450000
2440000
2430000
2420000

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

Atlantic Intercoastal Waterway (AIWW) Channel Survey

Channel soundings based on single and/or multibeam surveys conducted by the US Army Corps of Engineers.
Conducted on: **01 August 2014**
Charleston, SC to Port Royal, SC

Designed by: eHydro Software v3.6.1	Design date: 23 Sep 2014	Export date: 23 Sep 2014
Reviewed by: J. West	Absolute scale: 1:6,000	Project Reference Number: CESAC-PR-0049
SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL	Reference scale: 1 inch = 500 feet	Survey Type/Date: Condition/01 August 2014
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

Shoalest Sounding
● Sounding
Sounding may cover several point areas and is calculated per reach quarter area.

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

● White
● Yellow
● USCG Light

Depth in feet

■ Less than 6 ■ 6 to 8 ■ 8 to 10 ■ 10 to 12 ■ Greater than 12

0 250 500 1,000 1,500 Feet

Production Notes:

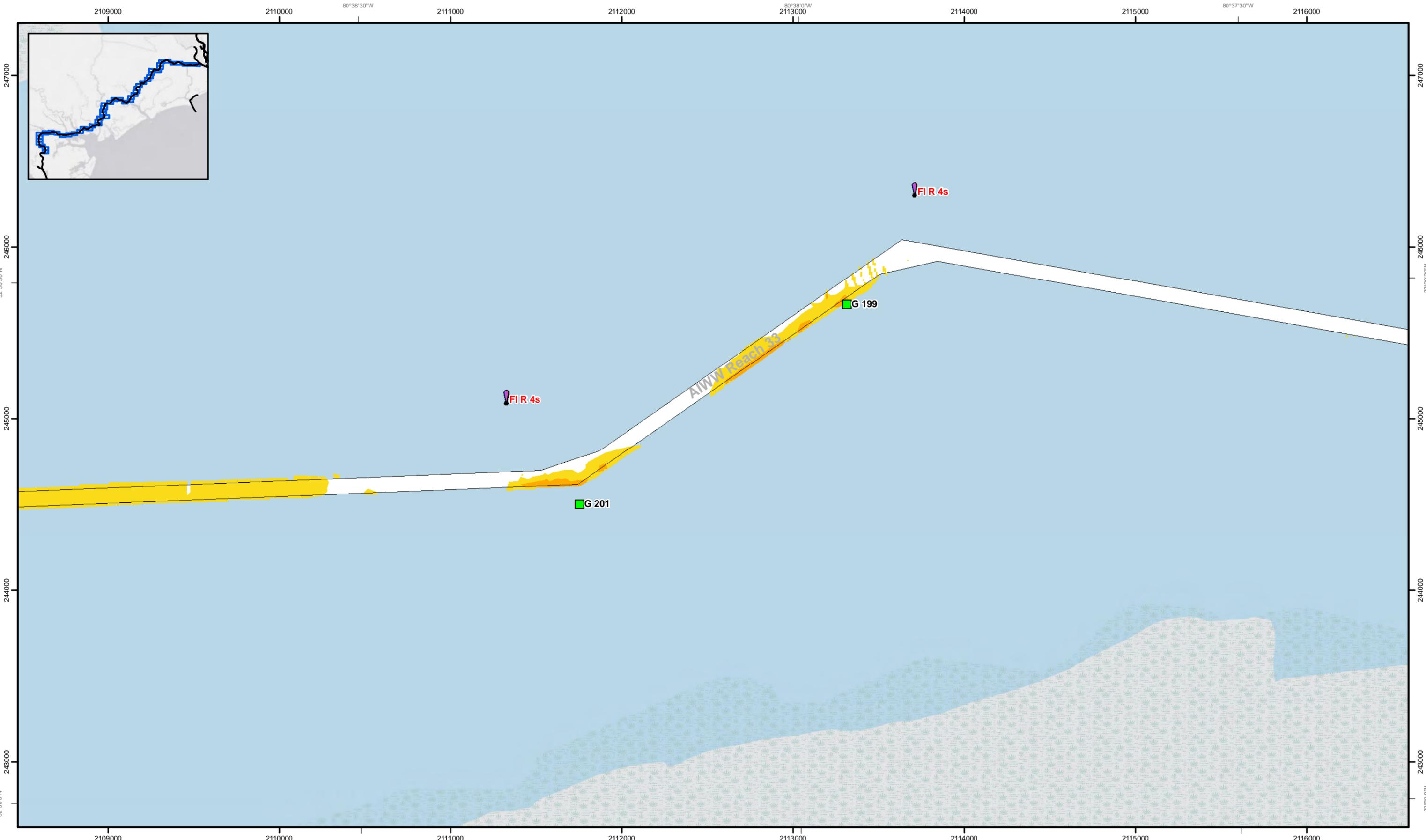
- The information depicted on this product is for plotting purposes only.
- Vector hydrographic data derived from surveys conducted by the USACE and approved partners.
- Soundings are in feet and tenths and refer to Mean Lower Low Water (MLLW).
- Raster Background: ArcGIS Online Topographic Basemap.

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US Army Corps of Engineers
Charleston District



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NUMBER
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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**
Channel soundings based on single and/or
multibeam surveys conducted by the
US Army Corps of Engineers
Conducted on: **01 August 2014**
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 v3.6.1	Design date: 23 Sep 2014	Export date: 23 Sep 2014
Reviewed by: J. West	Absolute scale: 1:6,000	Project Reference Number: CESAC-PRA-0049
Reference scale: 1 inch = 500 feet	Survey Type/Date: Condition/01 August 2014	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

Shoalest Sounding
● Sounding
Sounding may cover several point areas and is calculated per reach quarter area.

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

■ Less than 6 ■ 6 to 8 ■ 8 to 10 ■ 10 to 12 ■ Greater than 12

0 250 500 1,000 1,500 Feet



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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**

Channel soundings based on single and/or
multibeam surveys conducted by the
US Army Corps of Engineers
Conducted on: **01 August 2014**

Charleston, SC to Port Royal, SC

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

SPATIAL DATA BRANCH
69A HAGOOD AVE
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Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

Less than 6	6 to 8	8 to 10	10 to 12	Greater than 12
-------------	--------	---------	----------	-----------------

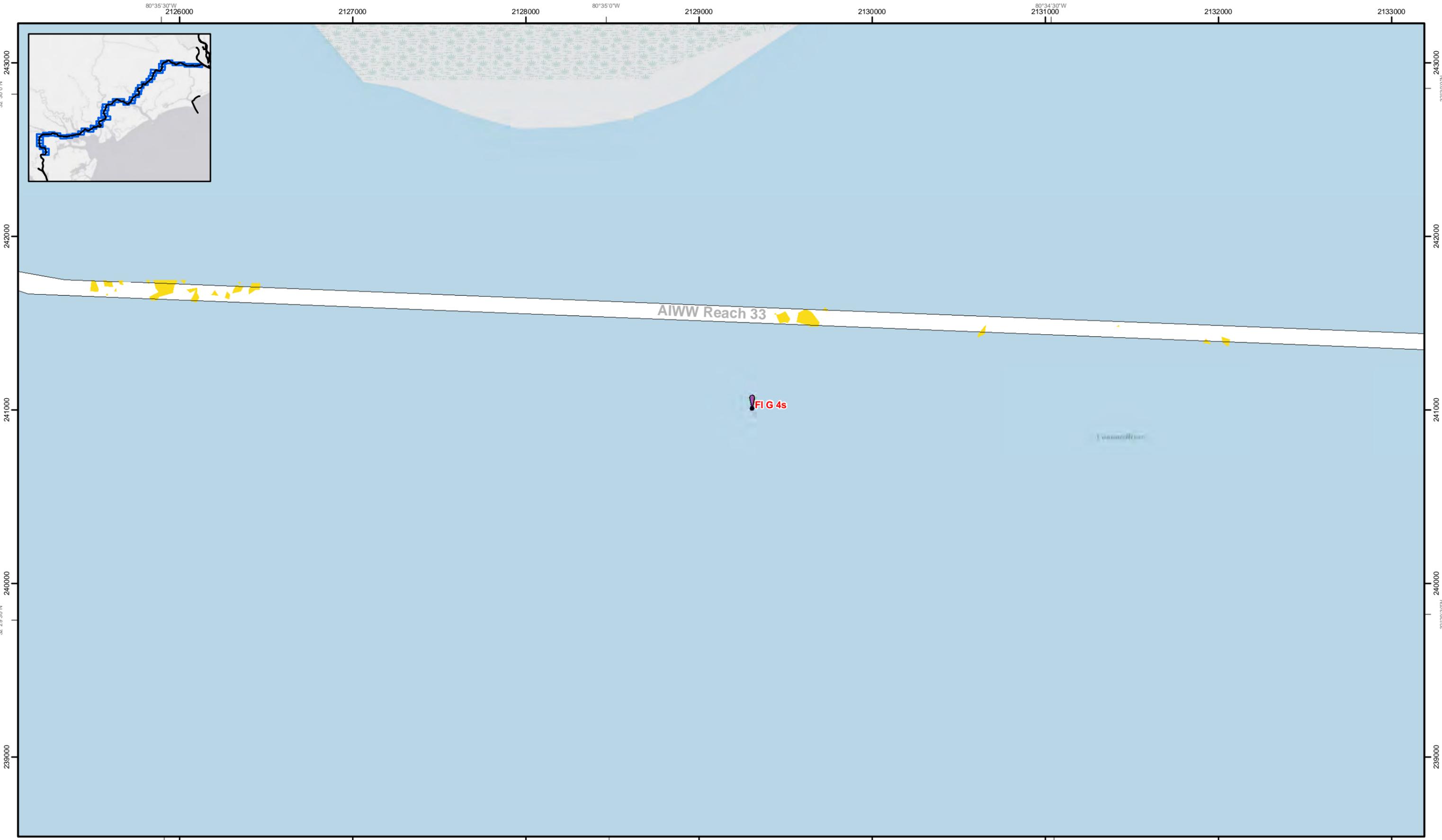
0 250 500 1,000 1,500 Feet



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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**
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Conducted on: **01 August 2014**
Charleston, SC to Port Royal, SC

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Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

● White
● Yellow
● USCG Light

Depth in feet

■ Less than 6 ■ 6 to 8 ■ 8 to 10 ■ 10 to 12 ■ Greater than 12

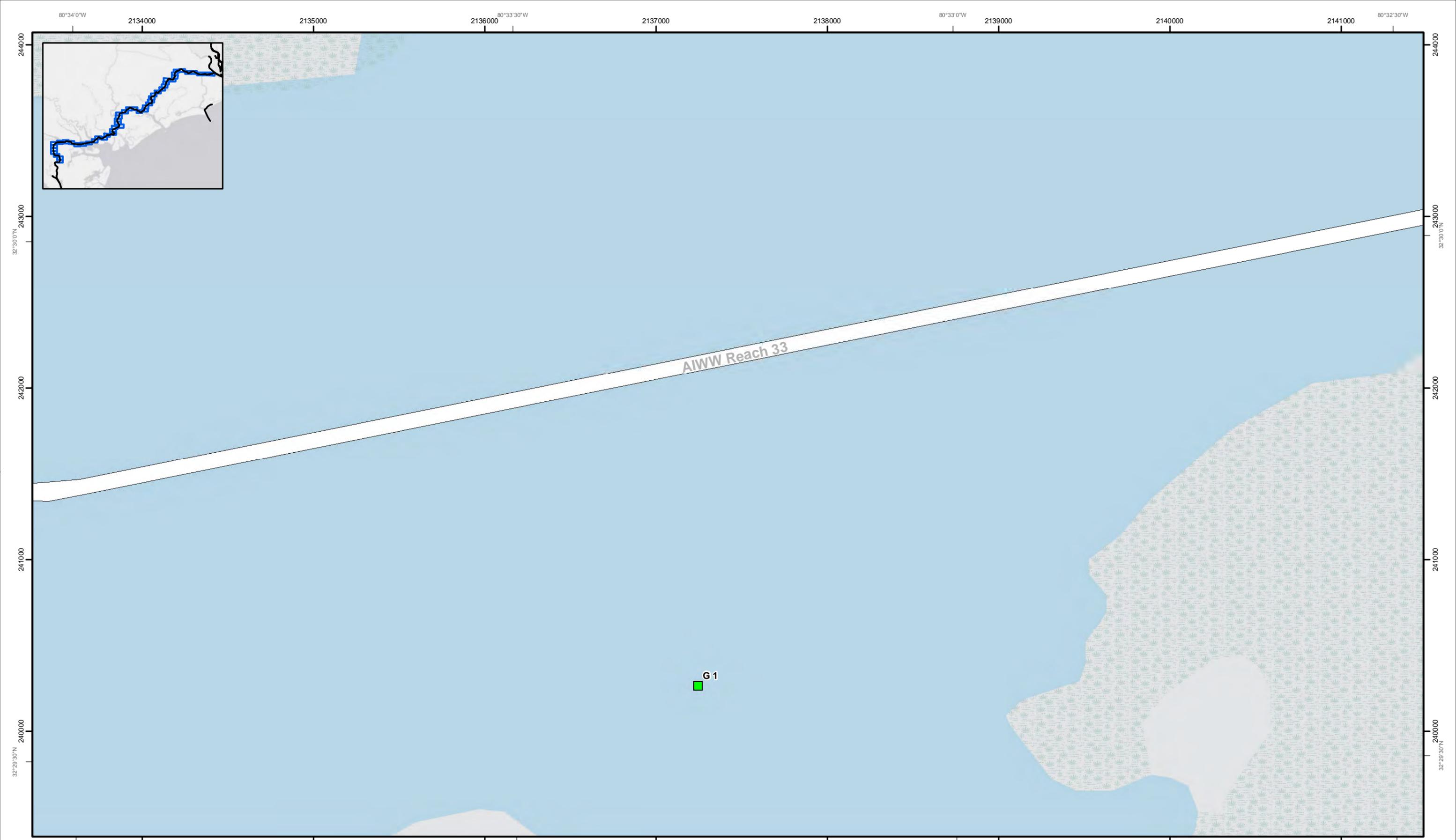
0 250 500 1,000 1,500 Feet



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244000
243000
242000
241000
240000

244000
243000
242000
241000
240000

32°30'00"N
32°29'30"N

32°30'00"N
32°29'30"N

80°34'0"W

80°32'30"W

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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**

Channel soundings based on single and/or
multibeam surveys conducted by the
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Conducted on: **01 August 2014**

Charleston, SC to Port Royal, SC

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CHARLESTON, SOUTH CAROLINA

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Reference scale: 1 inch = 500 feet	Survey Type/Date: Condition/01 August 2014	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

● White
● Yellow
● USCG Light

Depth in feet

■ Less than 6 ■ 6 to 8 ■ 8 to 10 ■ 10 to 12 ■ Greater than 12

0 250 500 1,000 1,500 Feet



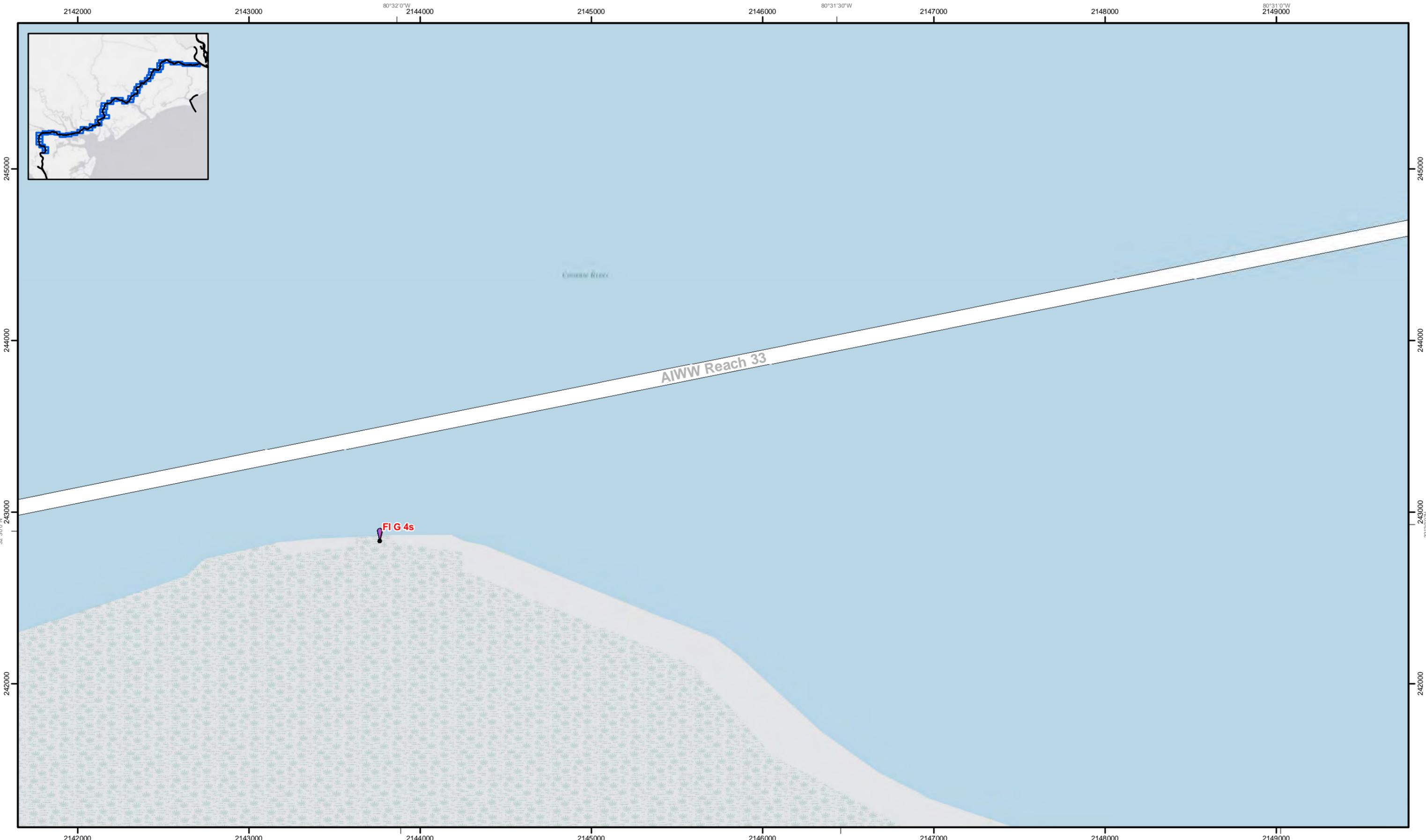
Production Notes:
1. The information depicted on this product is for plotting purposes only.
2. Vector hydrographic data derived from surveys conducted by the USACE and approved partners.
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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**
Channel soundings based on single and/or
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Conducted on: **01 August 2014**
Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT
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Reference scale: 1 inch = 500 feet	Survey Type/Date: Condition/01 August 2014	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

■ Less than 6 ■ 6 to 8 ■ 8 to 10 ■ 10 to 12 ■ Greater than 12

0 250 500 1,000 1,500 Feet



Production Notes:
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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**
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Charleston, SC to Port Royal, SC

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Reference scale: 1 inch = 500 feet	Survey Type/Date: Condition/01 August 2014	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

Shoalest Sounding
● Sounding
Sounding may cover several point areas and is calculated per reach quarter area.

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

Less than 6	6 to 8	8 to 10	10 to 12	Greater than 12
-------------	--------	---------	----------	-----------------

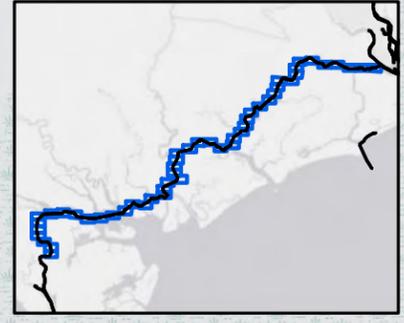
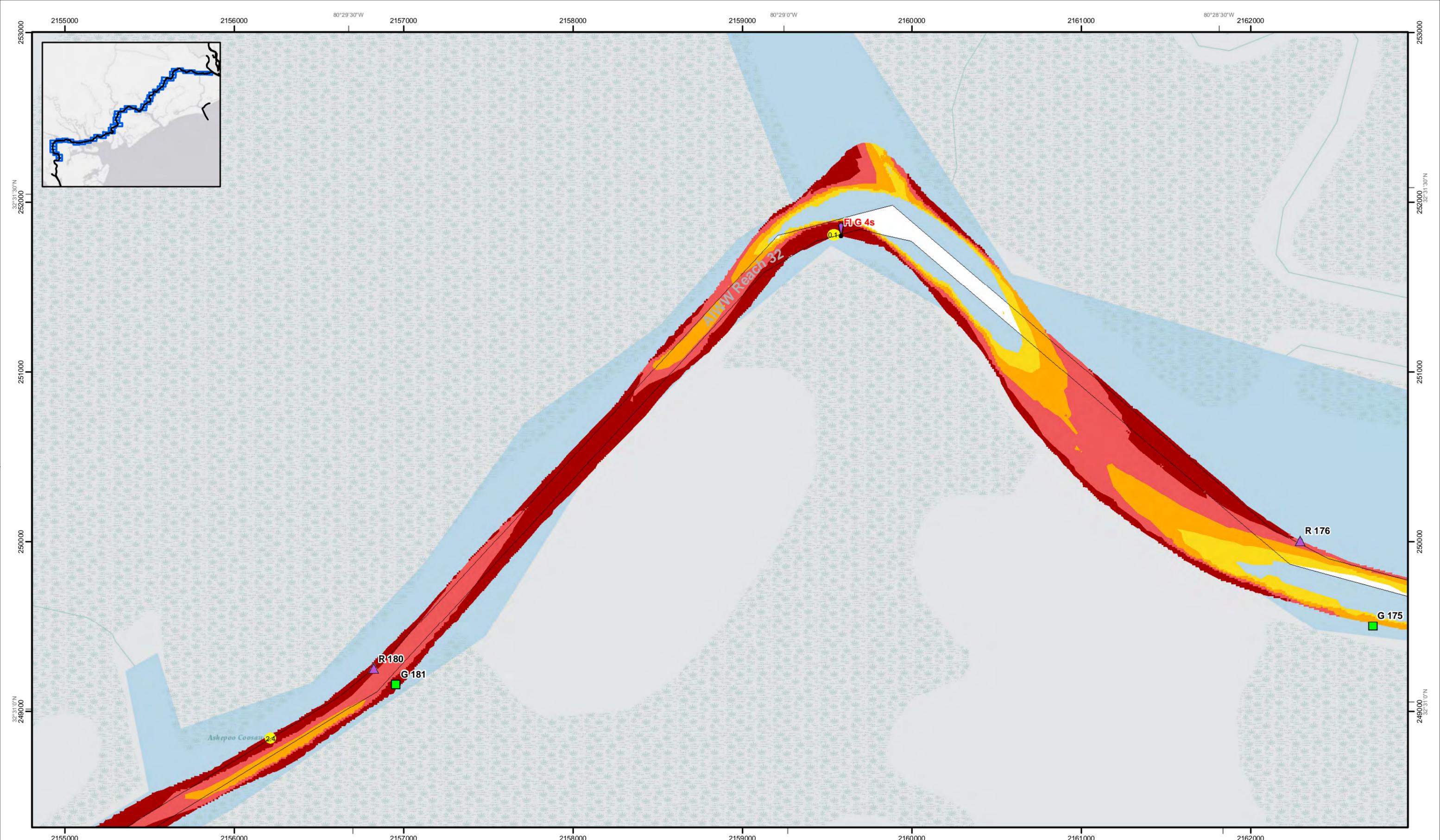
0 250 500 1,000 1,500 Feet



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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**
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Conducted on: **01 August 2014**
Charleston, SC to Port Royal, SC

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Reference scale: 1 inch = 500 feet	Survey Type/Date: Condition/01 August 2014	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

Shoalest Sounding
● Sounding
Sounding may cover several point areas and is calculated per reach quarter area.

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

Less than 6	6 to 8	8 to 10	10 to 12	Greater than 12
-------------	--------	---------	----------	-----------------

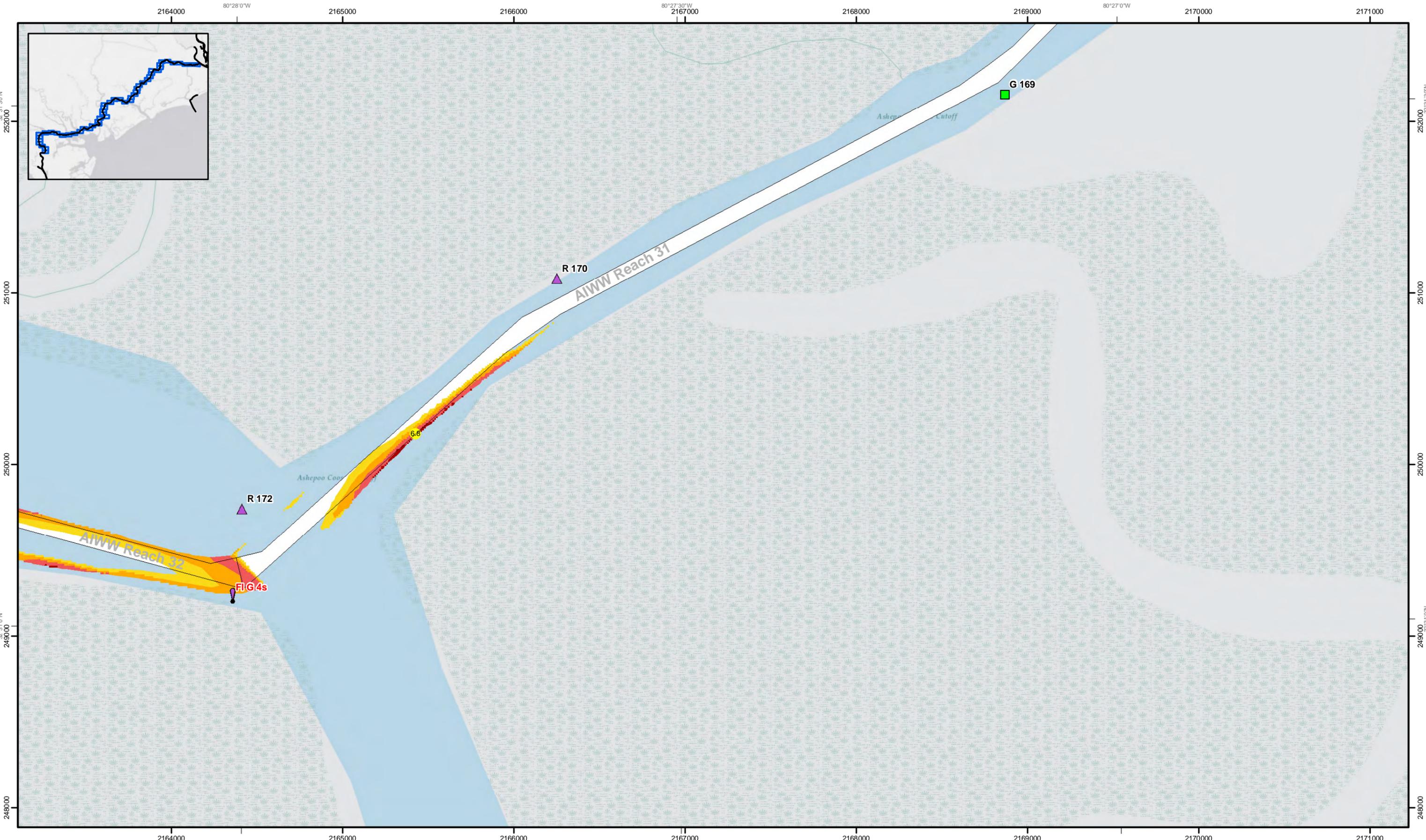
0 250 500 1,000 1,500 Feet



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REFERENCE
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C003
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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**
Channel soundings based on single and/or
multibeam surveys conducted by the
US Army Corps of Engineers
Conducted on: **01 August 2014**
Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT
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Reference scale: 1 inch = 500 feet	Survey Type/Date: Condition/01 August 2014	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

Less than 6	6 to 8	8 to 10	10 to 12	Greater than 12
-------------	--------	---------	----------	-----------------

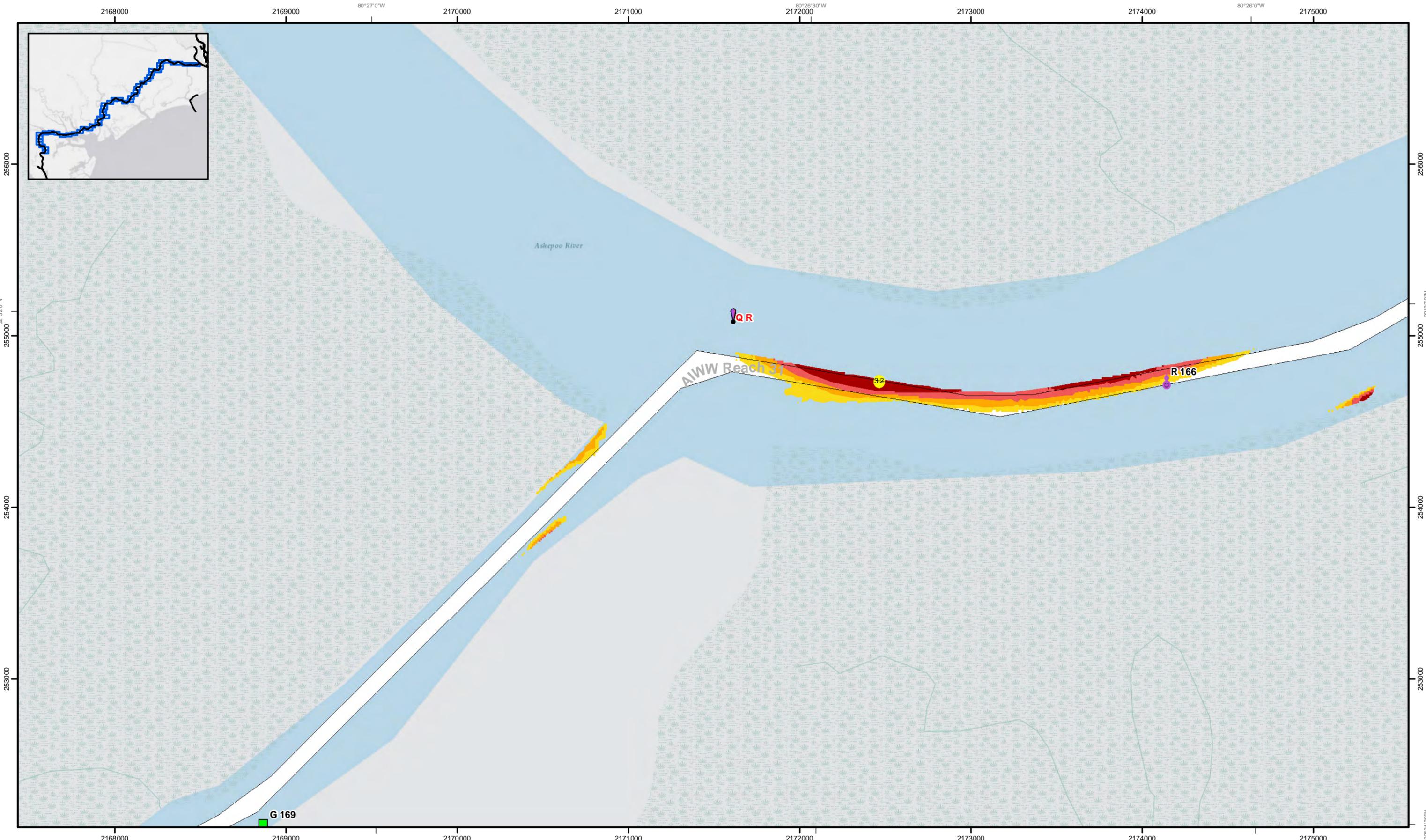
0 250 500 1,000 1,500 Feet



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C003
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**Atlantic Intercoastal Waterway (AIWW)
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Conducted on: **01 August 2014**
Charleston, SC to Port Royal, SC

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Reference scale: 1 inch = 500 feet	Survey Type/Date: Condition/01 August 2014	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

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

Depth in feet

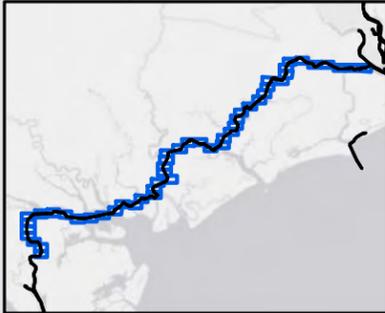
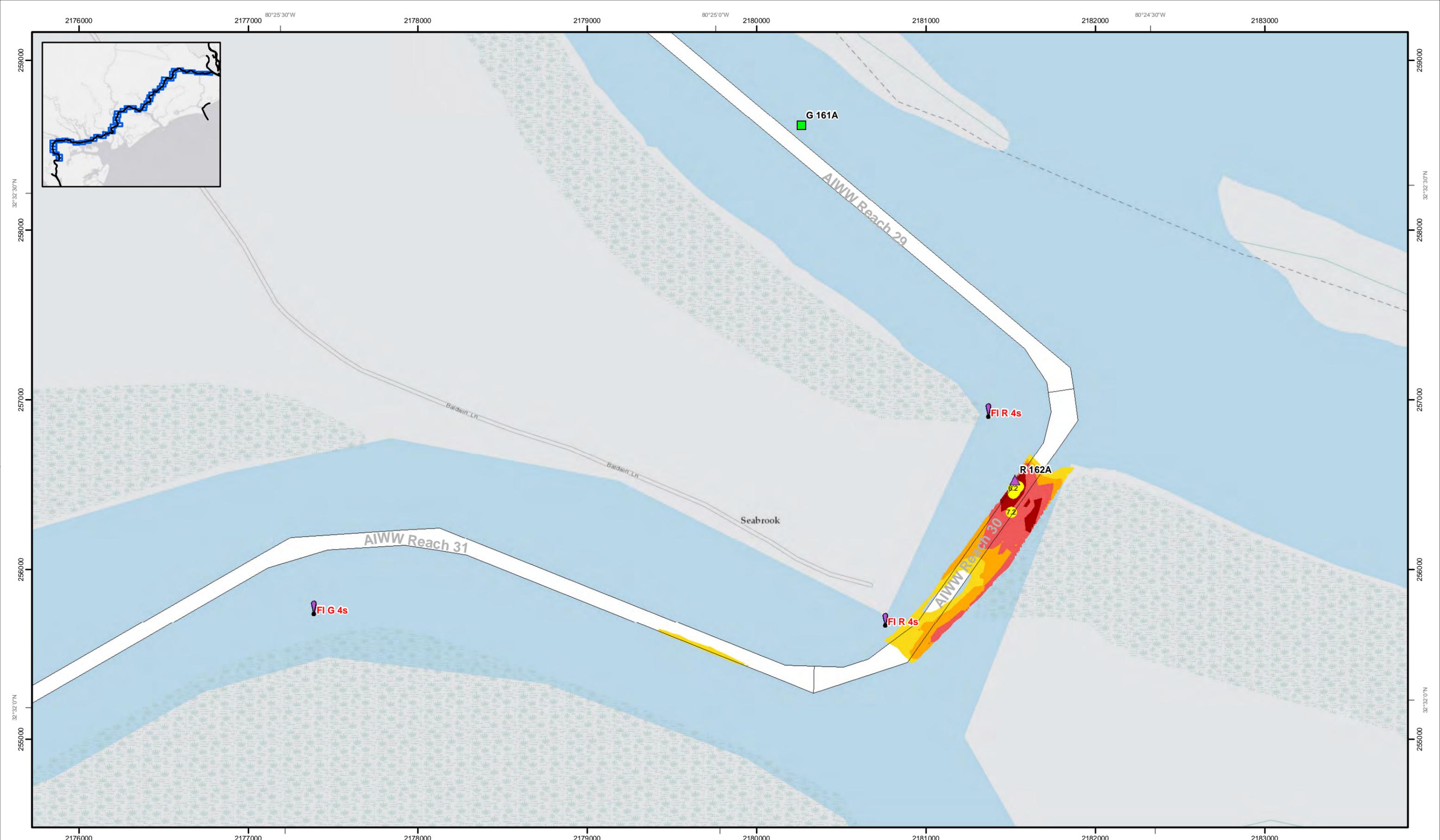
Less than 6	6 to 8	8 to 10	Greater than 12
-------------	--------	---------	-----------------

0 250 500 1,000 1,500 Feet



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Atlantic Intercoastal Waterway (AIWW) Channel Survey
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 Conducted on: **01 August 2014**
 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 v3.6.1 Reviewed by: J. West Reference scale: 1 inch = 500 feet Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet	Design date: 23 Sep 2014 Export date: 23 Sep 2014 Project Reference Number: CESAC-PR-0049 Survey Type/Date: Condition/01 August 2014
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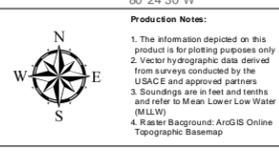
Shoalest Sounding
 Sounding
Sounding may cover several point areas and is calculated per reach quarter area.

USCG Beacon
 Green
 Red
 White

USCG Buoy
 Green
 Red
 Coast Guard Racon

White
 Yellow
 USCG Light

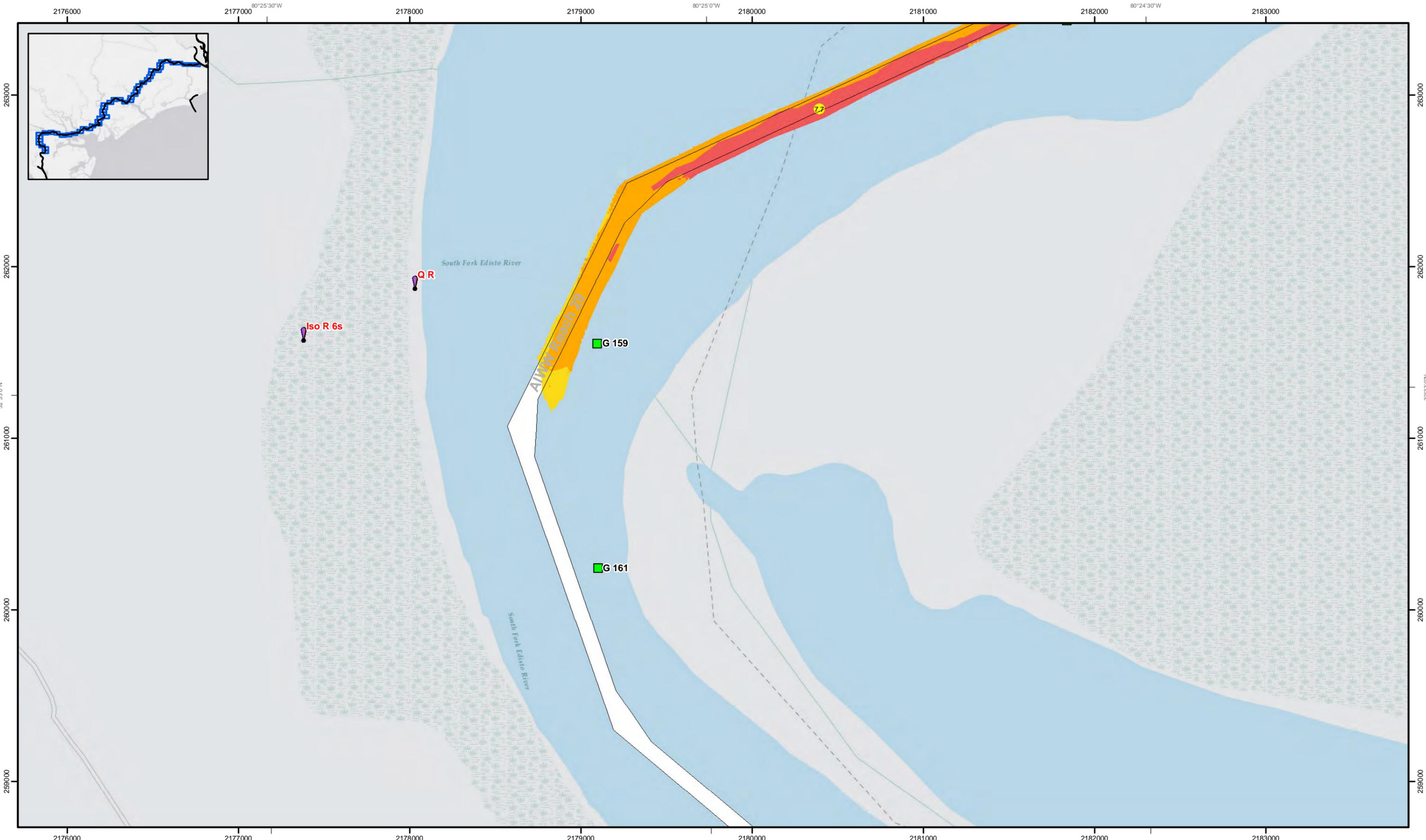
Depth in feet
 Less than 6 6 to 8 8 to 10 10 to 12 Greater than 12
 0 250 500 1,000 1,500 Feet



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**Atlantic Intercoastal Waterway (AIWV)
Channel Survey**
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Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT
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Reference scale: 1 inch = 500 feet	Survey Type/Date: Condition/01 August 2014	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

■ Less than 6 ■ 6 to 8 ■ 8 to 10 ■ 10 to 12 ■ Greater than 12

0 250 500 1,000 1,500 Feet



Production Notes:

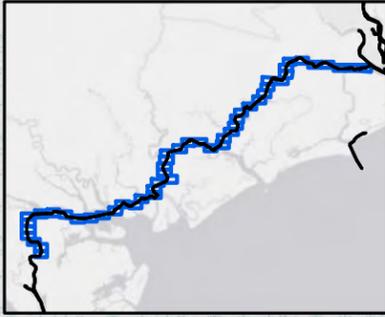
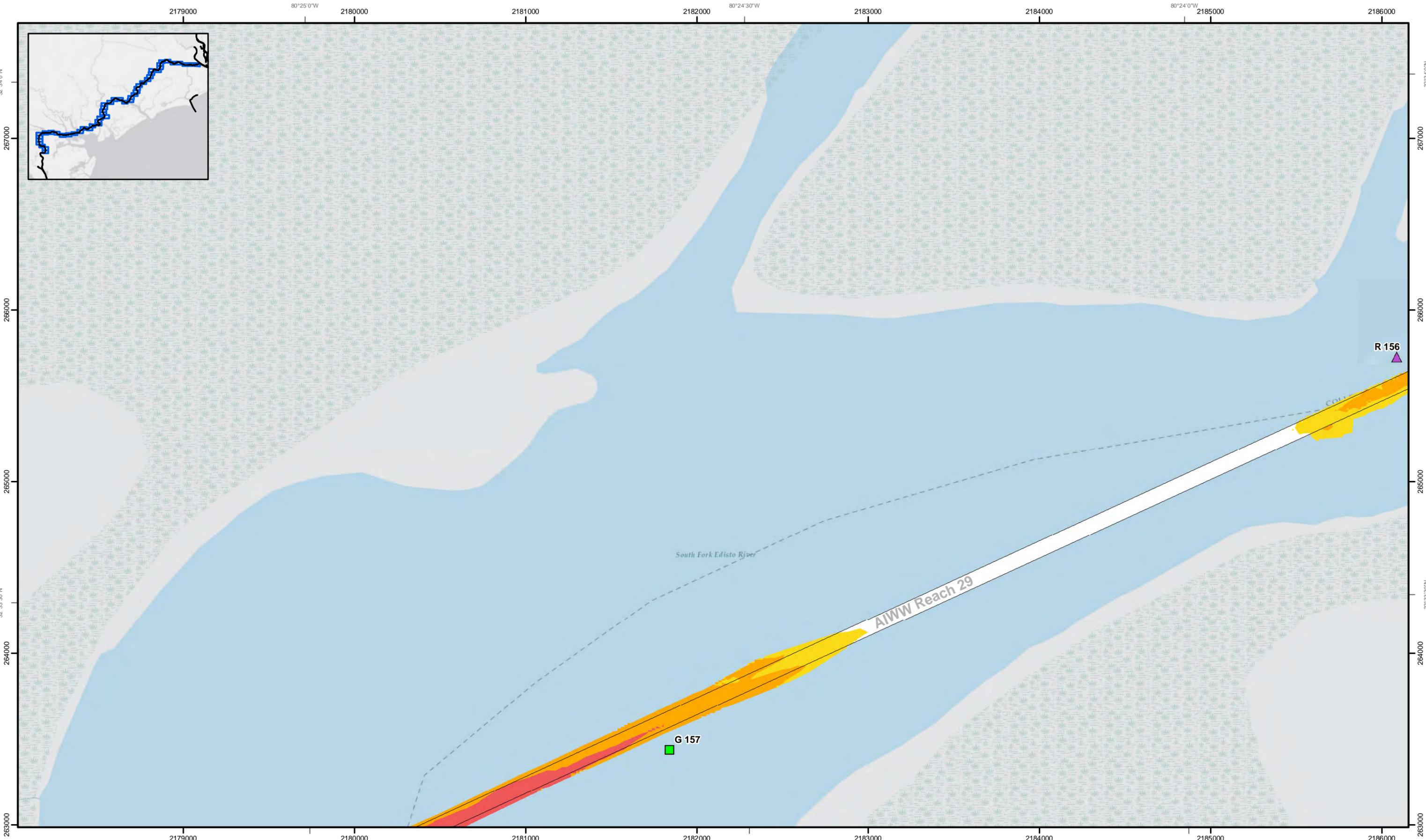
- The information depicted on this product is for plotting purposes only.
- Vector hydrographic data derived from surveys conducted by the USACE and approved partners.
- Soundings are in feet and tenths and refer to Mean Lower Low Water (MLLW).
- Raster Background: ArcGIS Online Topographic Basemap.

In no event shall the U.S. Army Corps of Engineers, Charleston District Office, Spatial Data Branch be liable for direct, indirect, incidental, consequential or special damages of any kind, including, but not limited to, loss of anticipated profits or benefits arising out of use of or reliance on the data.

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

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





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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**
Channel soundings based on single and/or
multibeam surveys conducted by the
US Army Corps of Engineers.
Conducted on: **01 August 2014**
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 v3.6.1	Design date: 23 Sep 2014	Export date: 23 Sep 2014
Reviewed by: J. West	Absolute scale: 1:6,000	Project Reference Number: CESAC-PR-0049
Reference scale: 1 inch = 500 feet	Survey Type/Date: Condition/01 August 2014	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

Shoalest Sounding
● Sounding

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

Less than 6	6 to 8	8 to 10	10 to 12	Greater than 12
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0 250 500 1,000 1,500 Feet



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Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

Shoalest Sounding
● Sounding
Sounding may cover several point areas and is calculated per reach quarter area.

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
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Depth in feet

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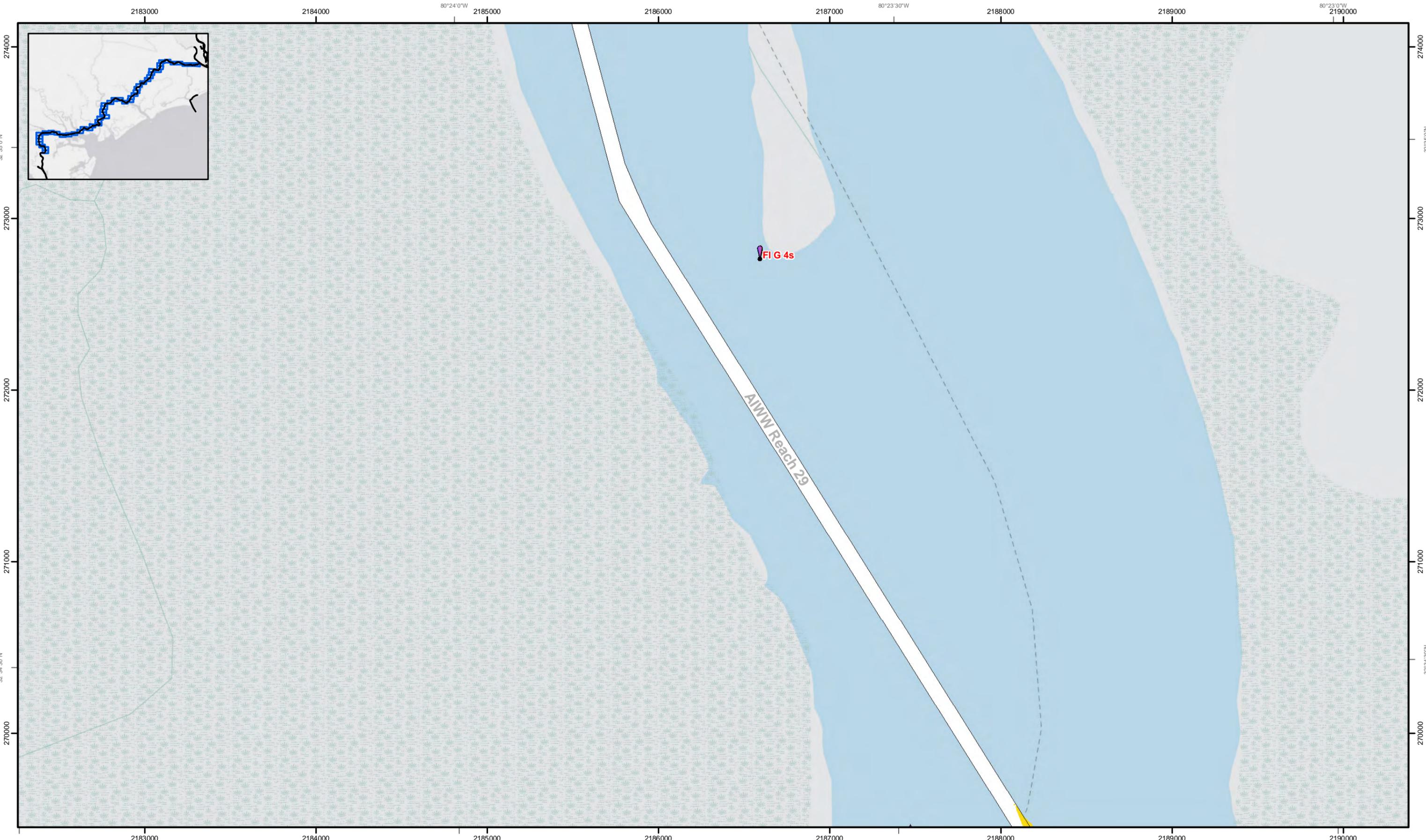
0 250 500 1,000 1,500 Feet



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Shoalest Sounding
● Sounding
*Sounding may cover several
point areas and is calculated
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USCG Beacon
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