

Page 1 of 46  
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: **4 NOV 2016**  
Charleston, SC to Winyah Bay, 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

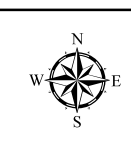
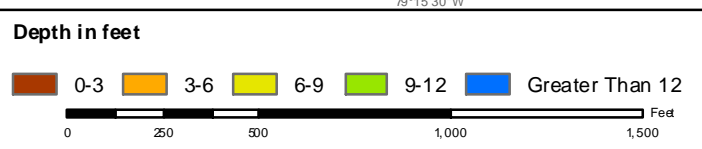
Designed By: **Hydro Software v3.82**  
Reviewed By: **CCW**  
Reference Scale: **1 inch = 500 feet**  
Projection: **NAD 1983 StatePlane South Carolina FIPS 3000 Feet**  
Survey Date: **04 NOV 2016**  
Production Date: **22 NOV 2016**  
Project Reference Number: **CESAC-PRA-0001**  
Survey Type: **CONDITION**

**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

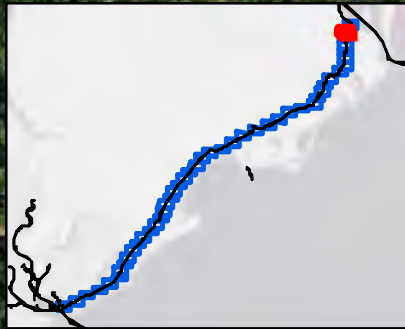
White  
Yellow  
USCG Light



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521000  
520000  
519000  
518000

521000  
520000  
519000  
518000

SHEET REFERENCE NUMBER <b>C003</b> <small>Page 2 of 46</small>	<b>Atlantic Intra-coastal Waterway (AMW) Channel Survey</b> <small>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.</small> Concluded on: <b>4 NOV 2016</b> Charleston, SC to Winyah Bay, 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: <b>Hydro Software v3.82</b> Reviewed By: <b>CCW</b> Reference Scale: <b>1 inch = 500 feet</b> Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>	Survey Date: <b>04 NOV 2016</b> Production Date: <b>22 NOV 2016</b> Project Reference Number: <b>CESAC-PRA-0001</b> Survey Type: <b>CONDITION</b>	<b>Shoalest Sounding</b> Sounding may cover several point areas and is calculated per reach quarter area "+" indicates sounding above MLLW	<b>USCG Beacon</b> Green Red White	<b>USCG Buoy</b> Green Red Coast Guard Racon	White Yellow USCG Light	<b>Depth in feet</b> 0-3    3-6    6-9    9-12    Greater Than 12 0    250    500    1,000    1,500 Feet		<b>Production Notes:</b> 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: NAD 83 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
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Designed By:  
**Hydro Software v3.82**  
Reviewed By:  
**CCW**  
Reference Scale:  
**1 inch = 500 feet**  
Projection:  
**NAD 1983 StatePlane South Carolina FIPS 3000 Feet**

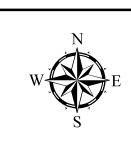
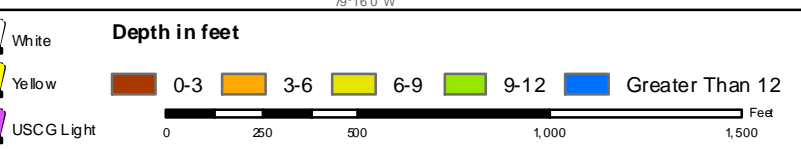
Survey Date:  
**04 NOV 2016**  
Project Reference Number:  
**CESAC-PR-0001**  
Survey Type:  
**CONDITION**  
Production Date:  
**22 NOV 2016**

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

**USCG Beacon**  
Green  
Red  
White

**USCG Buoy**  
Green  
Red  
Coast Guard Racon

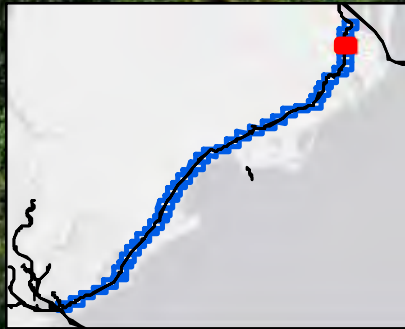
White  
Yellow  
USCG Light



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

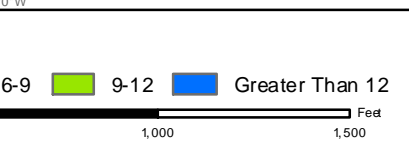
Survey Date: **04 NOV 2016**  
Production Date: **22 NOV 2016**  
Project Reference Number: **CESAC-PRA-0001**  
Survey Type: **CONDITION**

**Shoalest Sounding**  
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\*+ indicates sounding above MLLW

**USCG Beacon**  
Green  
Red  
White

**USCG Buoy**  
Green  
Red  
Coast Guard Racon

**White**  
**Yellow**  
**USCG Light**



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252600 252700 252800 252900 253000 253100 253200 253300 79°16'30"W 79°16'0"W 79°15'30"W



508000 507000 506000 505000 38°13'00"N 38°12'30"N

508000 507000 506000 505000 38°13'00"N 38°12'30"N

252600 252700 252800 252900 253000 253100 253200 253300 79°16'30"W 79°16'0"W 79°15'30"W

SHEET REFERENCE NUMBER  
C003  
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Charleston, SC to Winyah Bay, SC

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

Designed By: <b>eHydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
Reviewed By: <b>CCW</b>	Project Reference Number: <b>CESAC-PRA-0001</b>	
Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		

**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
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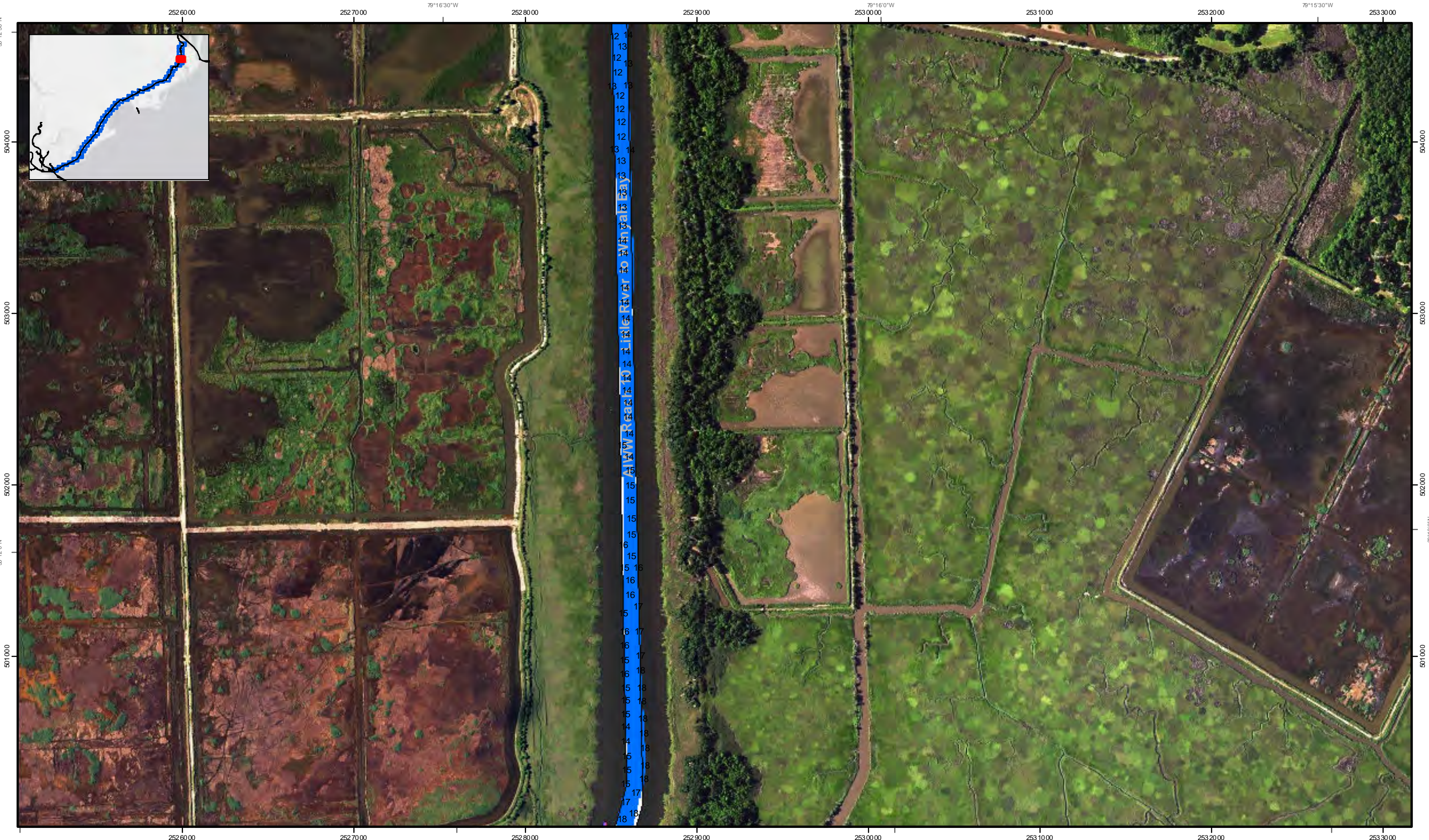
0 250 500 1,000 1,500 Feet



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79°17'0"W 252600 252700 252800 252900 253000 253100 253200 253300 79°15'30"W	<b>Atlantic Intracoastal Waterway (AIW) Channel Survey</b> 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: <b>4 NOV 2016</b> Charleston, SC to Winyah Bay, SC	Designed By: <b>Hydro Software v3.82</b> Reviewed By: <b>CCW</b> Reference Scale: <b>1 inch = 500 feet</b> Projected to: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>	Survey Date: <b>04 NOV 2016</b> Production Date: <b>22 NOV 2016</b> Project Reference Number: <b>CESAC-PRA-0001</b> Survey Type: <b>CONDITION</b>
	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		

<b>Shoalest Sounding</b> Sounding may cover several point areas and is calculated per reach quarter area "+" indicates sounding above MLLW	<b>USCG Beacon</b> Green Red White	<b>USCG Buoy</b> Green Red Coast Guard Racon	White Yellow USCG Light	<b>Depth in feet</b> 0-3 3-6 6-9 9-12 Greater Than 12
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U.S. Army Corps of Engineers  
 Charleston District

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SHEET REFERENCE NUMBER C003



79°17'0"W  
 252 600  
 252 700  
 79°16'30"W  
 252 800  
 252 900  
 253 000  
 79°16'0"W  
 253 100  
 253 200  
 79°15'30"W  
 253 300

500000  
 499000  
 38°11'30"N  
 498000  
 497000  
 496000

79°17'0"W  
 252 600  
 252 700  
 79°16'30"W  
 252 800  
 252 900  
 253 000  
 79°16'0"W  
 253 100  
 253 200  
 79°15'30"W  
 253 300

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 Charleston, SC to Winyah Bay, SC

Designed By: <b>Hydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
Reviewed By: <b>CCW</b>	Project Reference Number: <b>CESAC-PRA-0001</b>	
Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
Project: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		

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

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**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 Beacon	USCG Buoy	Yellow
White	USCG Light	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

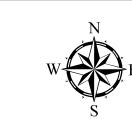
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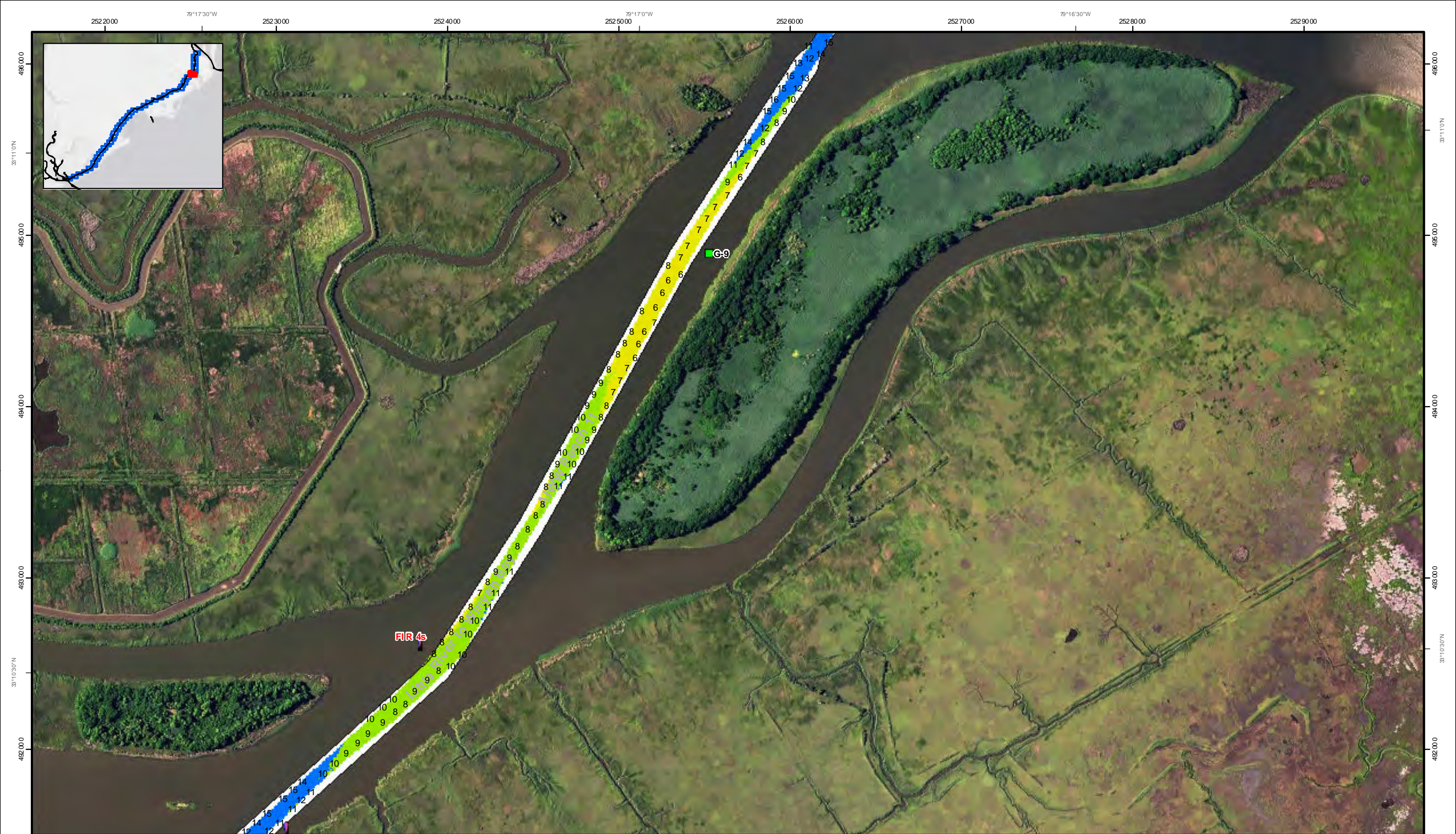
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**C003**  
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SHEET  
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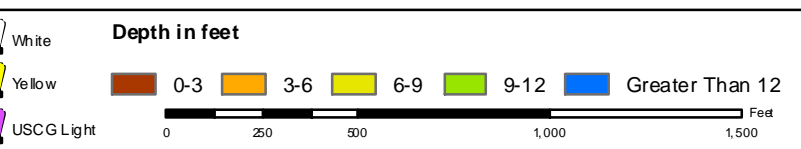
Survey Date: **04 NOV 2016**  
Production Date: **22 NOV 2016**  
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Survey Type: **CONDITION**

**Shoalest Sounding**  
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**USCG Beacon**  
Green  
Red  
White

**USCG Buoy**  
Green  
Red  
Coast Guard Racon

White  
Yellow  
USCG Light

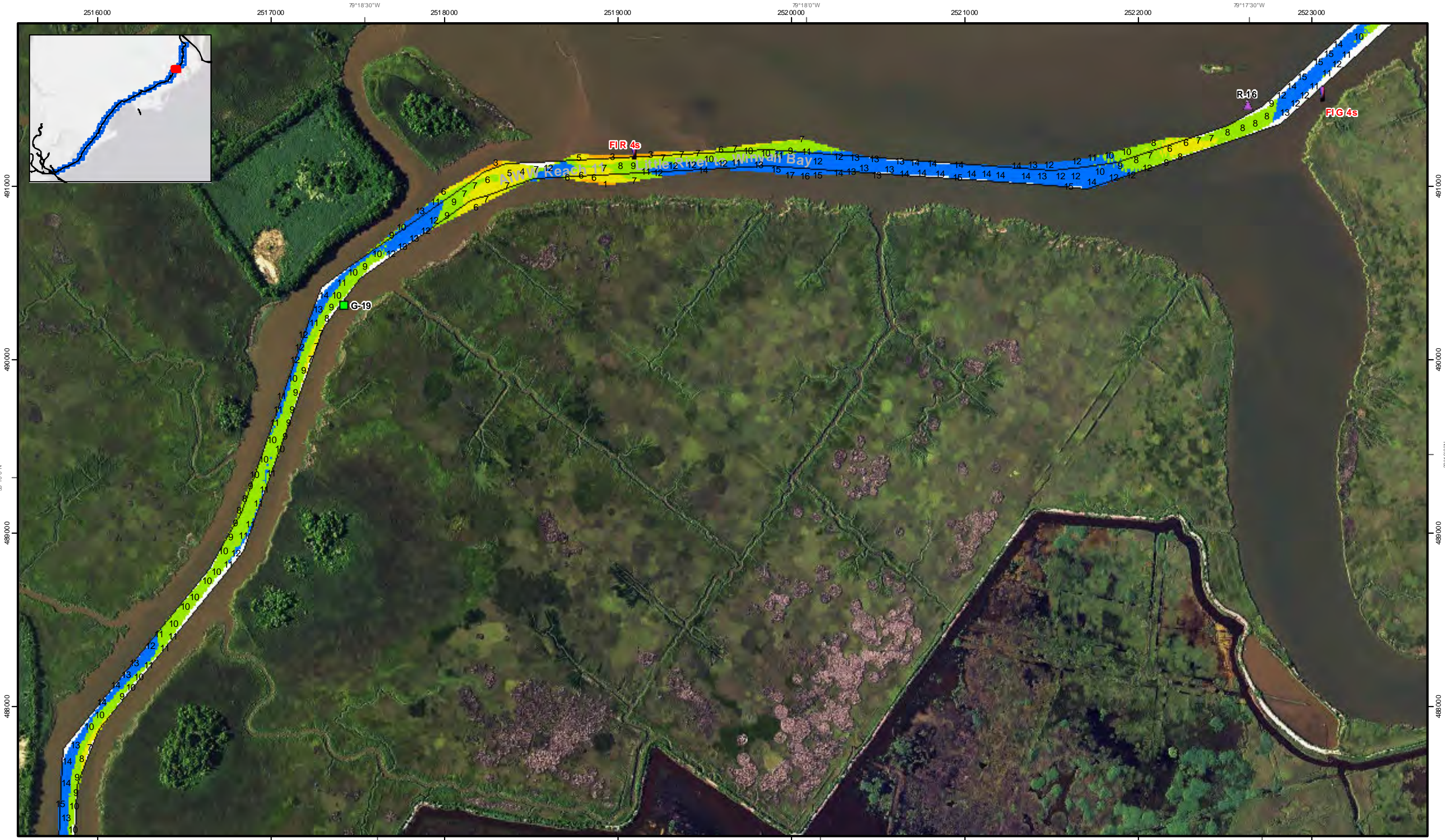


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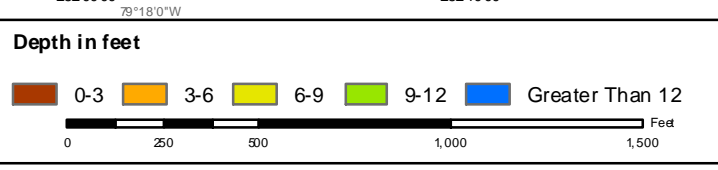
**Shoalest Sounding**

● 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



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 "+" indicates sounding above MLLW

Green	USCG Beacon	Green	USCG Buoy	White
Red	Red	Red	Red	Yellow
White	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



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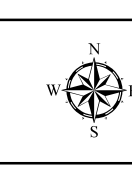
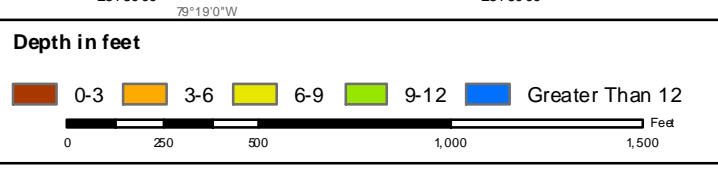
SHEET REFERENCE NUMBER  
**C003**  
 Page 11 of 46

**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: **4 NOV 2016**  
 Charleston, SC to Winyah Bay, SC

Designed By: <b>eHydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
Reviewed By: <b>CCW</b>	Project Reference Number: <b>CESAC-PRA-0001</b>	
Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		

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

<b>USCG Beacon</b>	<b>USCG Buoy</b>	<b>White</b>
Green	Green	White
Red	Red	Yellow
White	Coast Guard Racon	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. Racon B acquires A and B Online Image Base map 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.  
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79°20'30"W  
250800  
250900  
251000  
251100  
251200  
79°19'30"W  
251300  
251400  
251500  
79°19'0"W

479000  
478000  
477000  
476000  
475000

38°50'0"N  
38°50'0"N

79°20'30"W  
250800  
250900  
251000  
251100  
251200  
79°19'30"W  
251300  
251400  
251500  
79°19'0"W

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SHEET REFERENCE NUMBER  
**C003**

**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: **4 NOV 2016**  
Charleston, SC to Winyah Bay, SC

Designed By: <b>Hydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
Reviewed By: <b>CCW</b>	Project Reference Number: <b>CESAC-PRA-0001</b>	
Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
Project to: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		

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

**Shoalest Sounding**  
Sounding may cover several point areas and is calculated per each 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**

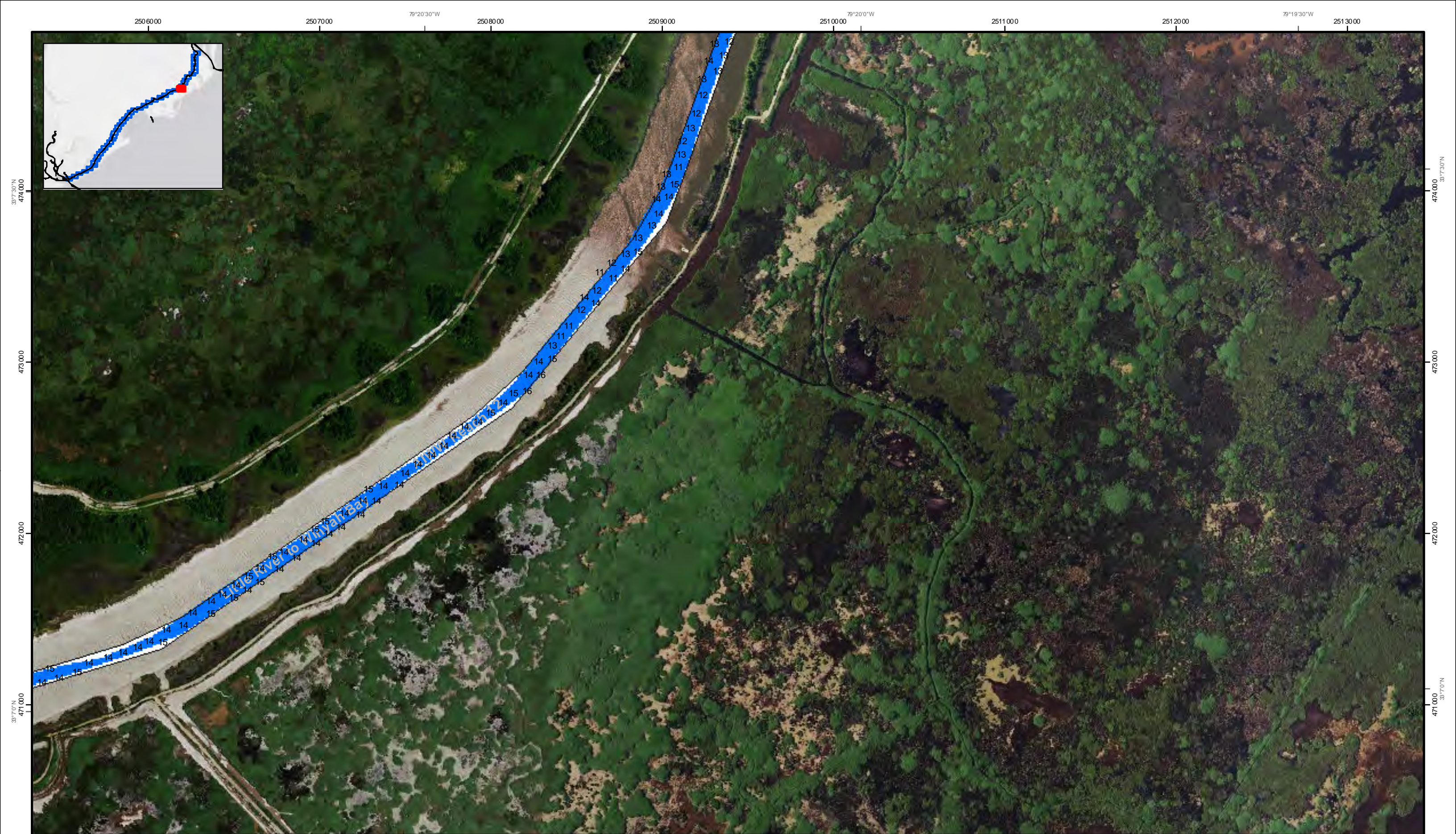
0-3	3-6	6-9	9-12	Greater Than 12
-----	-----	-----	------	-----------------

0 250 500 1,000 1,500 Feet

**Production Notes:**  
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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: NAD 83 Online Image Basemap dated 2010 - 2011.

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**U.S. Army Corps of Engineers**  
Charleston District



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REFERENCE  
NUMBER  
C003  
Page 13 of 46

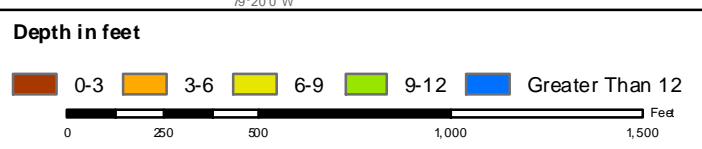
**Atlantic Intra-coastal Waterway (AIW) Channel Survey**  
 The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.  
 Concluded on: **4 NOV 2016**  
 Charleston, SC to Winyah Bay, 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: <b>Hydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
Reviewed By: <b>CCW</b>	Project Reference Number: <b>CESAC-PRA-0001</b>	
Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		

**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	White	Red	Yellow
Coast Guard Racon	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 a GIS Online Image Basemap dated 2010 - 2011.

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79°22'30"W 249800 249900 250000 250100 250200 250300 250400 250500 79°21'30"W



472000  
471000  
470000  
469000

472000  
471000  
470000  
469000

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: **4 NOV 2016**  
Charleston, SC to Winyah Bay, 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: <b>eHydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
Reviewed By: <b>CCW</b>	Project Reference Number: <b>CESAC-PRA-0001</b>	
Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		

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

Sounding	Green	USCGBeacon	USCGBuoy	White
Sounding	Red	USCGBeacon	USCGBuoy	Yellow
Sounding	White	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



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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: Aerial Imagery from Google Earth Pro, dated 2010-2011.

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SHEET  
REFERENCE  
NUMBER  
C003  
Page 15 of 46

**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: **4 NOV 2016**  
Charleston, SC to Winyah Bay, 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

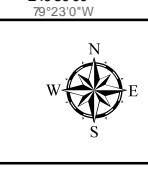
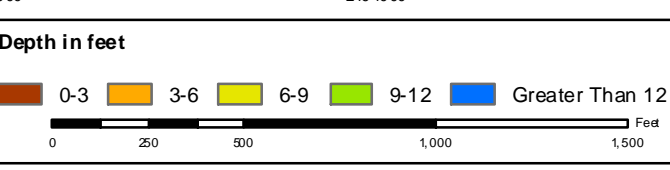
Designed By: <b>eHydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
Reviewed By: <b>CCW</b>	Absolute Scale: <b>1:6,000</b>	Project Reference Number: <b>CESAC-PRA-0001</b>
Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		

**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



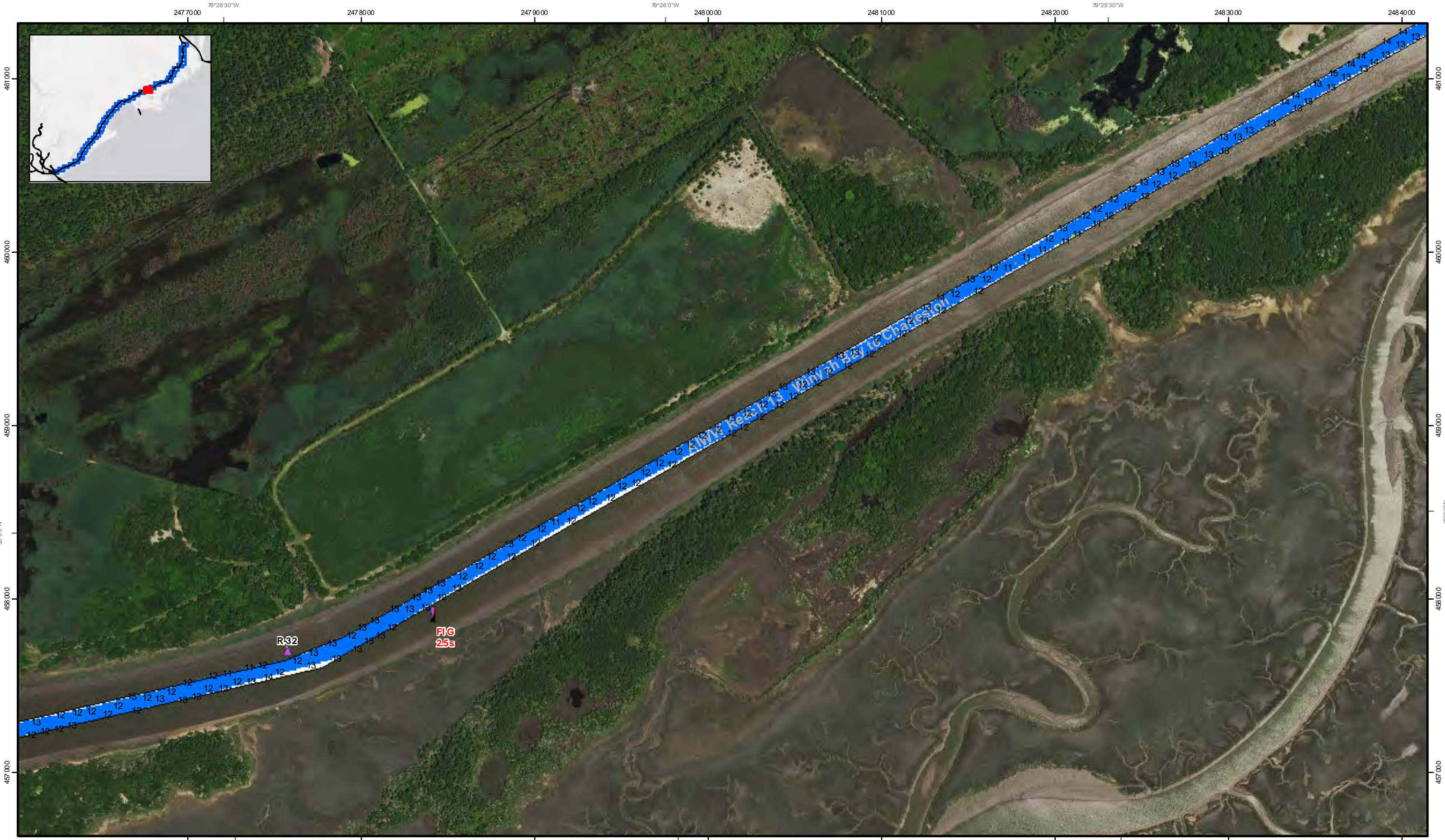
**Production Notes:**  
1. The information depicted on this product is for planning purposes only.  
2. Vector hydrographic data derived from surveys conducted by the USACE and approved partners.  
3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).  
4. Raster background is NOAA NED Image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

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SHEET REFERENCE NUMBER  
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**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: **4 NOV 2016**  
 Charleston, SC to Winyah Bay, SC

Designed By: <b>eHydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
Reviewed By: <b>CCW</b>	Project Reference Number: <b>CESAC-PRA-0001</b>	
Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		

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

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

**Depth in feet**

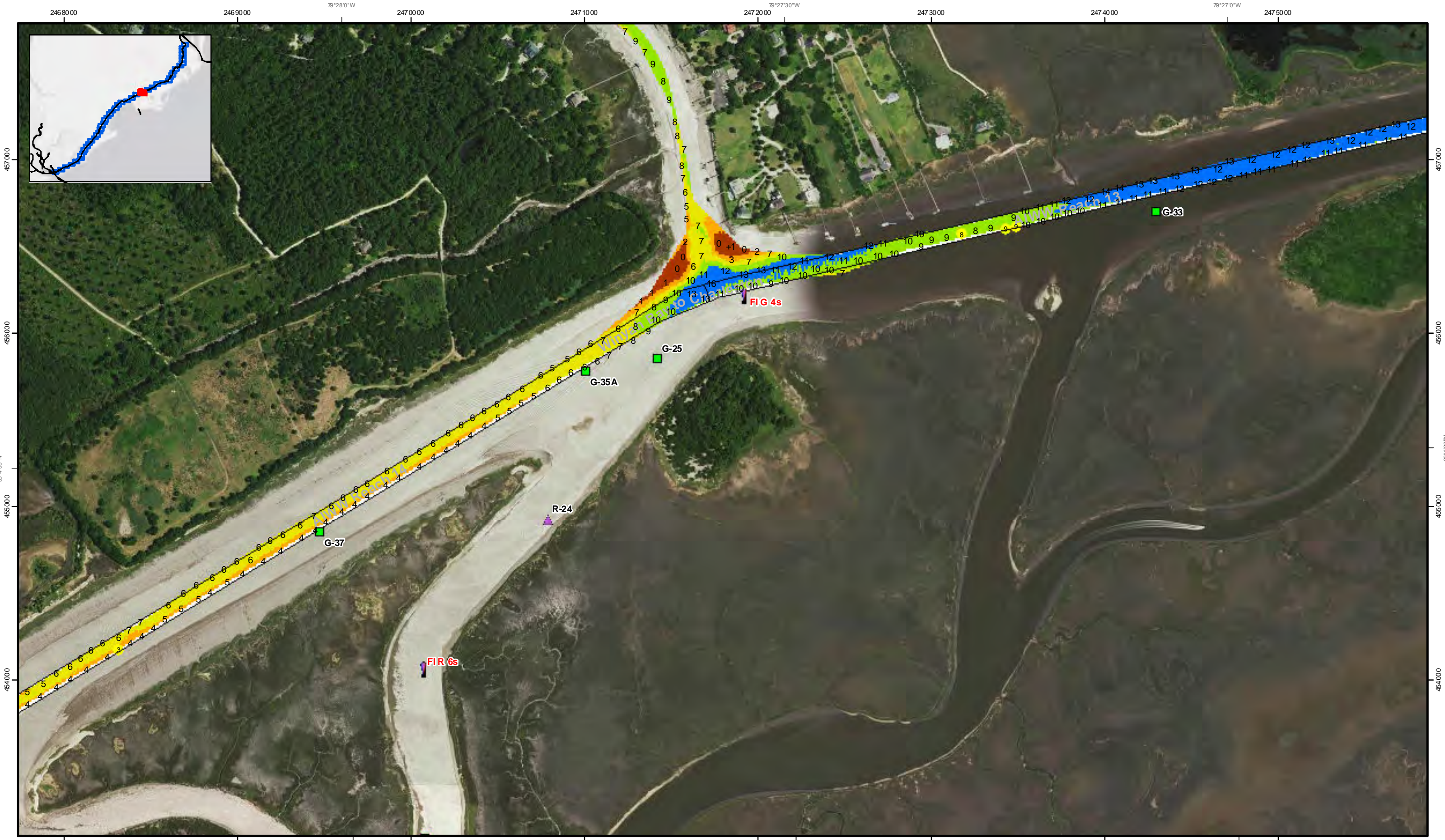
0-3	3-6	6-9	9-12	Greater Than 12
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0 250 500 1,000 1,500 Feet

**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. Raster Background: Aerial Imagery Online Image Basemap dated 2010 - 2011

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SHEET REFERENCE NUMBER <b>C003</b> Page 18 of 46	<b>Atlantic Intra-coastal Waterway (AMW) Channel Survey</b> 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: <b>4 NOV 2016</b> Charleston, SC to Winyah Bay, SC	Designed By: <b>Hydro Software v3.82</b> Reviewed By: <b>CCW</b> Reference Scale: <b>1 inch = 500 feet</b> Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>	Survey Date: <b>04 NOV 2016</b> Production Date: <b>22 NOV 2016</b> Project Reference Number: <b>CESAC-PRA-0001</b> Survey Type: <b>CONDITION</b>	
	U.S. ARMY ENGINEER DISTRICT CORPS ENGINEERS CHARLESTON, SOUTH CAROLINA SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL	Absolute Scale: <b>1:6,000</b>	Project Reference Number: <b>CESAC-PRA-0001</b> Survey Type: <b>CONDITION</b>	

**Shoalest Sounding**

● Sounding  
*Sounding may cover several point areas and is calculated per each 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.
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- 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



SHEET REFERENCE NUMBER  
**C003**  
 Page 19 of 46

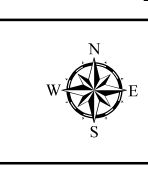
**Atlantic Intra-coastal Waterway (AIW) Channel Survey**  
 The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.  
 Concluded on: **4 NOV 2016**  
 Charleston, SC to Winyah Bay, SC

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GI 98 USACE ARMY.MIL	Designed By: <b>Hydro Software v3.82</b> Reviewed By: <b>CCW</b> Reference Scale: <b>1 inch = 500 feet</b> Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>	Survey Date: <b>04 NOV 2016</b> Project Reference Number: <b>CESAC-PR-0001</b> Survey Type: <b>CONDITION</b>	Production Date: <b>22 NOV 2016</b>
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**Shoalest Sounding**  
 Sounding may cover several point areas and is calculated per reach quarter area  
 "+" indicates sounding above MLLW

USCGBeacon Green Red White	USCGBuoy Green Red Coast Guard Racon	White Yellow 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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2453000 2454000 2455000 2456000 2457000 2458000 2459000 2460000



2453000 2454000 2455000 2456000 2457000 2458000 2459000 2460000

SHEET  
REFERENCE  
NUMBER  
C003  
Page 20 of 46

**Atlantic Intra-coastal Waterway (AIWW)  
Channel Survey**  
The information depicted on this map represents the  
results of surveys made on the dates indicated and  
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conditions existing at that time.  
Concluded on: **4 NOV 2016**  
Charleston, SC to Winyah Bay, 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: <b>Hydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
Reviewed By: <b>CCW</b>	Project Reference Number: <b>CESAC-PRA-0001</b>	
Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		

**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

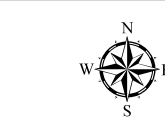
**USCG Buoy**  
● Green  
● Red  
○ Coast Guard Racon

● White  
● Yellow  
● USCG Light

**Depth in feet**

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

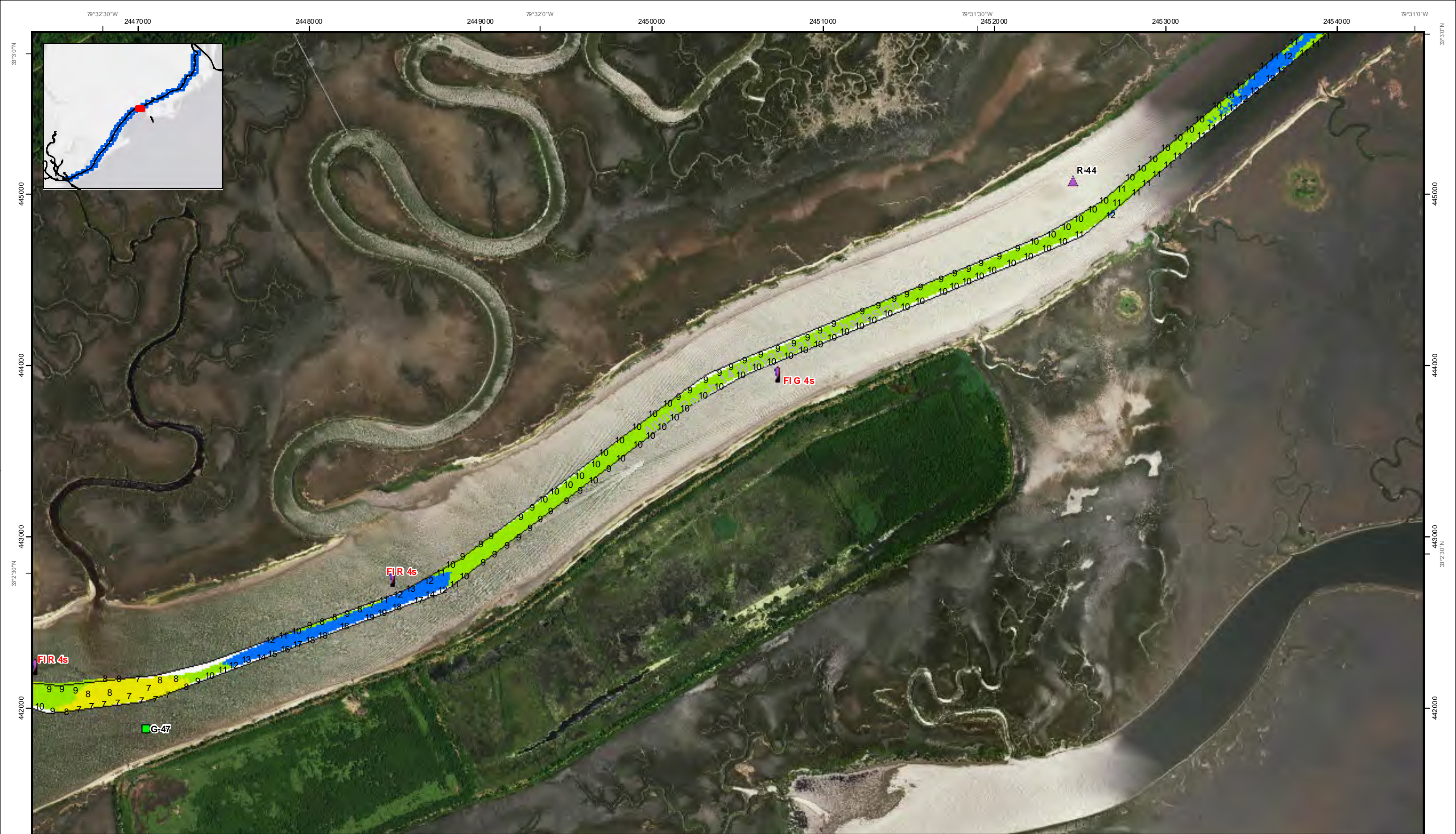
0 250 500 1,000 1,500 Feet



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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: **4 NOV 2016**  
Charleston, SC to Winyah Bay, 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: <b>Hydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
Reviewed By: <b>CCW</b>	Project Reference Number: <b>CESAC-PRA-0001</b>	
Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		

**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	Yellow
	White	Coast Guard Racon	USCG Light

**Depth in feet**

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

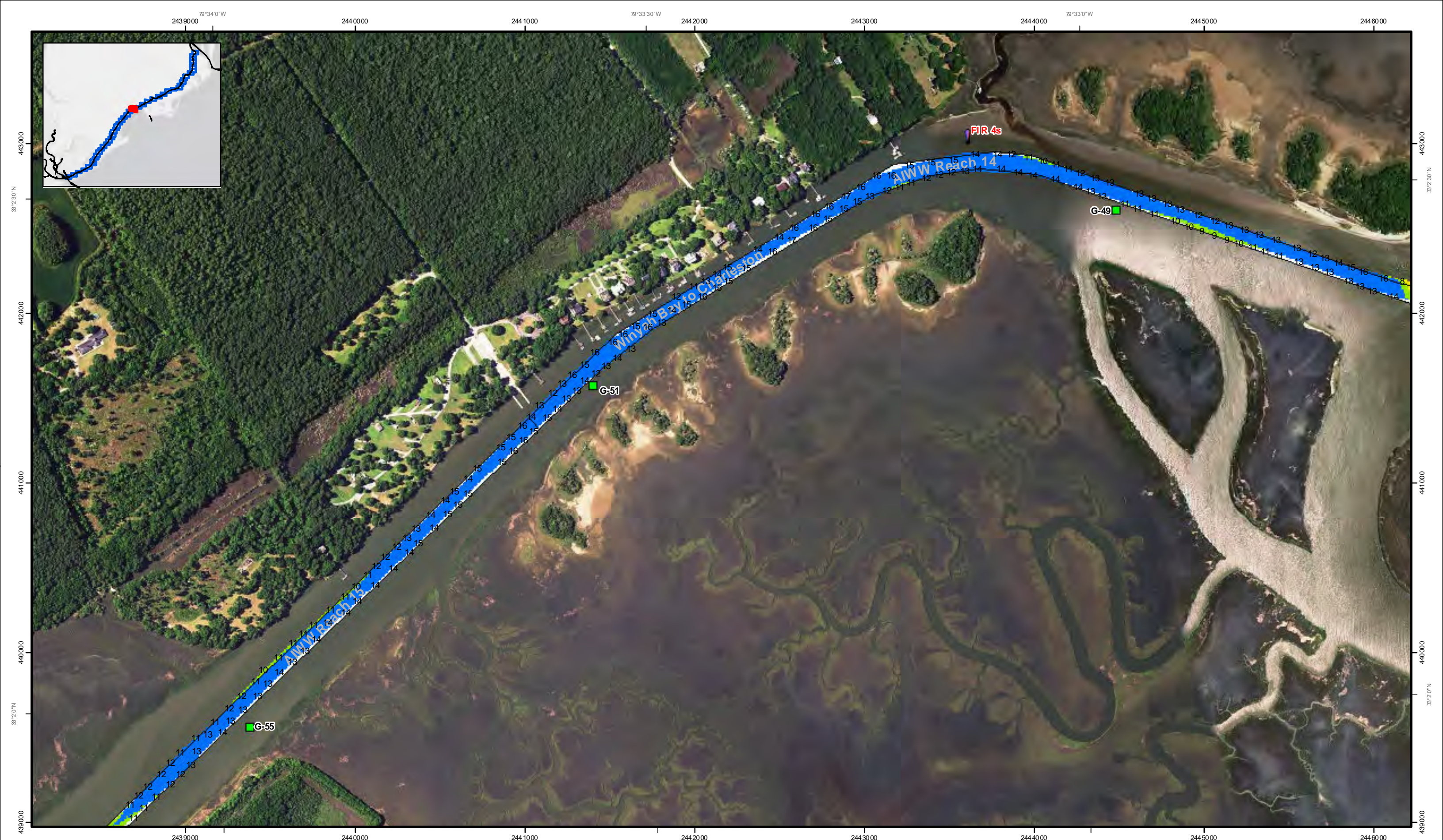
0 250 500 1,000 1,500 Feet



**Production Notes:**  
1. The information depicted on this product is for planning purposes only.  
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 Base Map dated 2010 - 2011.

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SHEET  
REFERENCE  
NUMBER  
C003  
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**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: **4 NOV 2016**  
 Charleston, SC to Winyah Bay, 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

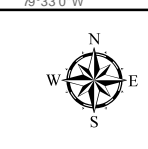
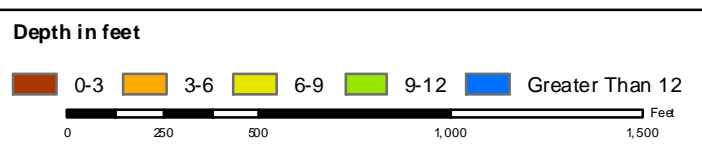
Designed By: **Hydro Software v3.82**  
 Reviewed By: **CCW**  
 Reference Scale: **1 inch = 500 feet**  
 Projection: **NAD 1983 StatePlane South Carolina FIPS 3000 Feet**  
 Survey Date: **04 NOV 2016**  
 Production Date: **22 NOV 2016**  
 Project Reference Number: **CESAC-PRA-0001**  
 Survey Type: **CONDITION**

**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:**  
 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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**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: **4 NOV 2016**  
 Charleston, SC to Winyah Bay, SC

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

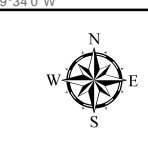
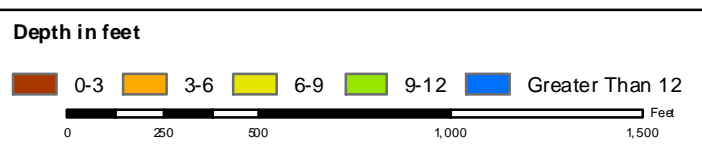
Designed By: eHydro Software v3.82  
 Reviewed By: CCW  
 Reference Scale: 1 inch = 500 feet  
 Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet  
 Survey Date: 04 NOV 2016  
 Production Date: 22 NOV 2016  
 Project Reference Number: CESAC-PRA-0001  
 Survey Type: CONDITION

**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



**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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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: **4 NOV 2016**  
 Charleston, SC to Winyah Bay, SC

Designed By: <b>Hydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
Reviewed By: <b>CCW</b>	Project Reference Number: <b>CESAC-PRA-0001</b>	
Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
Projected to: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		

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

<b>USCG Beacon</b> Green Red White	<b>USCG Buoy</b> 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:**  
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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: NAD 83 Online Image Basemap dated 2010 - 2011.

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242600 79°36'30"W 242700 242800 242900 243000 243100 243200 243300 243400



242600 79°36'30"W 242700 242800 242900 243000 243100 243200 243300 243400

SHEET  
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NUMBER  
C003  
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**Atlantic Intra-coastal Waterway (AIWW) Channel Survey**  
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Concluded on: **4 NOV 2016**  
Charleston, SC to Winyah Bay, 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: <b>Hydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
Reviewed By: <b>CCW</b>	Project Reference Number: <b>CESAC-PRA-0001</b>	
Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		

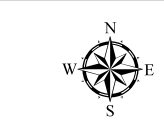
**Shoalest Sounding**  
Sounding may cover several point areas and is calculated per reach quarter area  
"±" indicates sounding above MLLW

● Sounding	■ Green USCG Beacon	● Green USCG Buoy	○ White USCG Light
	▲ Red USCG Beacon	● Red USCG Buoy	○ Yellow USCG Light
	□ White USCG Beacon	○ 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:**  
1. The information depicted on this product is for planning purposes only.  
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4. Racon background is GIS Online Image Basemap dated 2010 - 2011.

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**Atlantic Intra-coastal Waterway (AIWW)  
Channel Survey**  
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Concluded on: **4 NOV 2016**  
Charleston, SC to Winyah Bay, 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: <b>eHydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
Reviewed By: <b>CCW</b>	Project Reference Number: <b>CESAC-PRA-0001</b>	
Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		

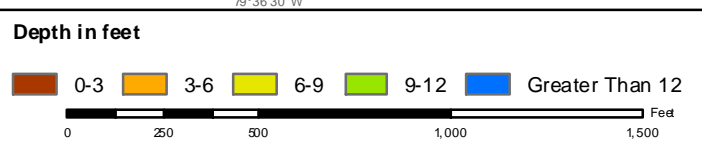
**Shoalest Sounding**

● 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

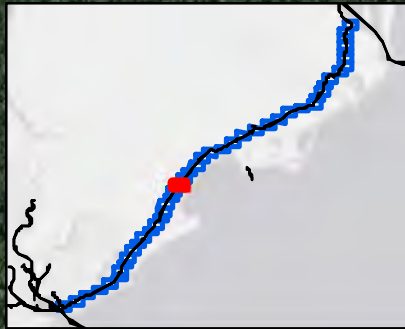
○ White  
○ Yellow  
○ USCG Light



**Production Notes:**  
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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: NGS Online Image Basemap dated 2010 - 2011.

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79°38'0"W 241 90 00 242 00 00 242 10 00 79°37'30"W 242 20 00 242 30 00 242 40 00 79°37'0"W 242 50 00 242 60 00

422 00 0 421 00 0 420 00 0 419 00 0 418 00 0

32°59'0"N 32°59'0"N 32°58'30"N

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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: **4 NOV 2016**  
Charleston, SC to Winyah Bay, 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

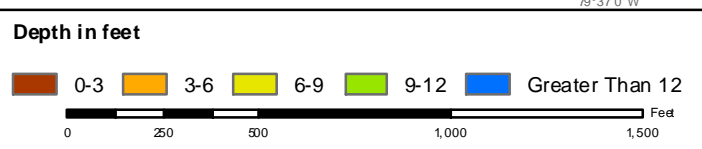
Designed By: <b>Hydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
Reviewed By: <b>CCW</b>	Project Reference Number: <b>CESAC-PRA-0001</b>	
Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		

**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

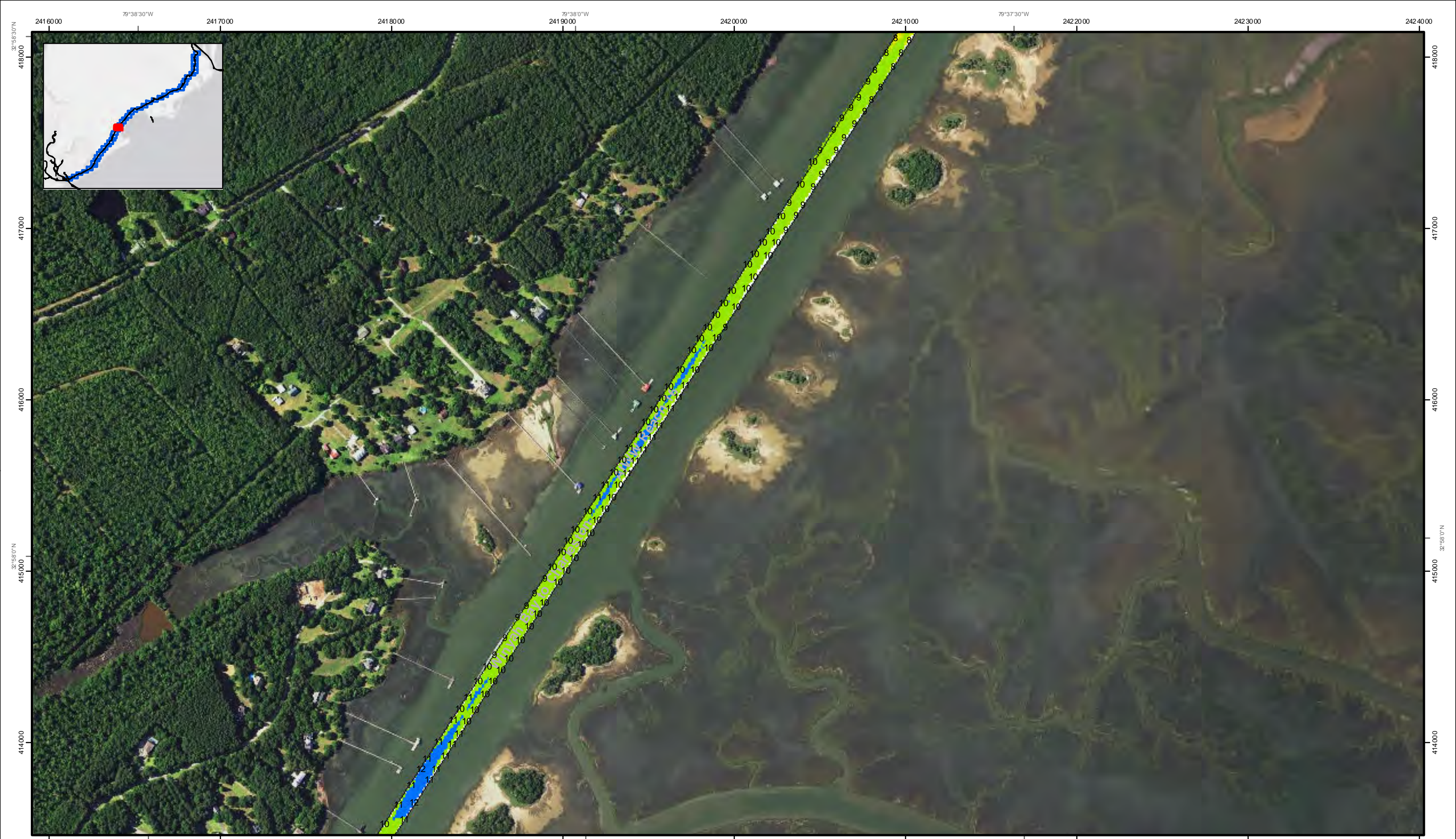
White  
Yellow  
USCG Light



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

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REFERENCE  
NUMBER  
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**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: **4 NOV 2016**  
Charleston, SC to Winyah Bay, 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: <b>Hydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
Reviewed By: <b>CCW</b>	Project Reference Number: <b>CESAC-PRA-0001</b>	
Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
Project: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		

**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:**  
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79°39'0"W 241 40 00 241 50 00 241 60 00 79°38'30"W 241 70 00 241 80 00 79°38'0"W 241 90 00 242 00 00 242 10 00 79°37'30"W



413000  
412000  
411000  
410000  
241 40 00 79°39'0"W 241 50 00 241 60 00 79°38'30"W 241 70 00 241 80 00 241 90 00 79°38'0"W 242 00 00 242 10 00 79°37'30"W

413000  
412000  
411000  
410000

SHEET  
REFERENCE  
NUMBER  
C003  
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**Atlantic Intra-coastal Waterway (AIWW) Channel Survey**  
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Concluded on: **4 NOV 2016**  
Charleston, SC to Winyah Bay, 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**  
Projected to: **NAD 1983 StatePlane South Carolina FIPS 3000 Feet**

Survey Date: **04 NOV 2016**  
Production Date: **22 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

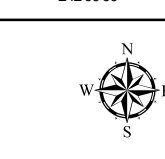
**USCG Buoy**  
Green  
Red  
Coast Guard Racon

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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405000 406000 407000 408000

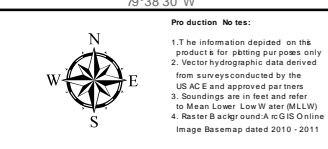
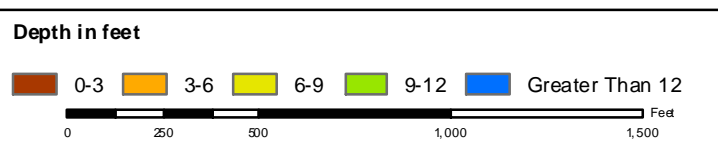
2411000 2412000 2413000 2414000 2415000 2416000 2417000 2418000

32°56'30"N 32°57'0"N

Atlantic Intra-coastal Waterway (AIW) Channel Survey  
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 Concluded on: 4 NOV 2016  
 Charleston, SC to Winyah Bay, SC

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Designed By: eHydro Software v3.82	Survey Date: 04 NOV 2016	Production Date: 22 NOV 2016
SPATIAL DAT ABRANCH 69A HAGOOD AVE CHARLESTON, SC 29403	Reviewed By: CCW	Project Reference Number: CESAC-PRA-0001	
CESAC-GIS@USACE.ARMY.MIL	Reference Scale: 1 inch = 500 feet	Survey Type: CONDITION	
	Projection: NAD 1983 StatePlane South Carolina FIPS 3000 Feet		

<b>Shoalest Sounding</b>	<b>USCG Beacon</b>	<b>USCG Buoy</b>	<b>Depth in feet</b>
● Sounding	■ Green	● Green	■ 0-3
Sounding may cover several point areas and is calculated per reach quarter area	▲ Red	● Red	■ 3-6
*+ indicates sounding above MLLW	□ White	● Coast Guard Racon	■ 6-9
		● USCG Light	■ 9-12
			■ Greater Than 12



**Production Notes:**

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SHEET REFERENCE NUMBER: C003

79°40'0"W 2409000 2410000 2411000 79°39'30"W 2412000 2413000 2414000 79°39'0"W 2415000 2416000 79°38'30"W 2417000



2409000 2410000 2411000 79°39'30"W 2412000 2413000 2414000 79°39'0"W 2415000 2416000 79°38'30"W 2417000

SHEET  
REFERENCE  
NUMBER  
C003  
Page 31 of 46

**Atlantic Intracoastal Waterway (AIWW) Channel Survey**  
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Concluded on: **4 NOV 2016**  
Charleston, SC to Winyah Bay, 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

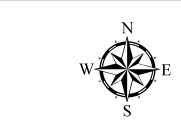
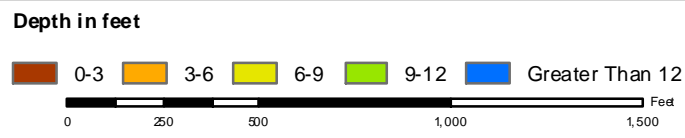
Designed By: **Hydro Software v3.82**  
Reviewed By: **CCW**  
Reference Scale: **1 inch = 500 feet**  
Project: **NAD 1983 StatePlane South Carolina FIPS 3000 Feet**  
Survey Date: **04 NOV 2016**  
Production Date: **22 NOV 2016**  
Project Reference Number: **CESAC-PRA-0001**  
Survey Type: **CONDITION**

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

**USCG Beacon**  
Green  
White

**USCG Buoy**  
Green  
Red  
Coast Guard Racon

White  
Yellow  
USCG Light



**Production Notes:**  
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SHEET  
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**Atlantic Intra-coastal Waterway (AIW) Channel Survey**  
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Charleston, SC to Winyah Bay, SC

U.S. ARMY ENGINEER DISTRICT  
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CHARLESTON, SC 29403  
CESAC-GIS@USACE.ARMY.MIL

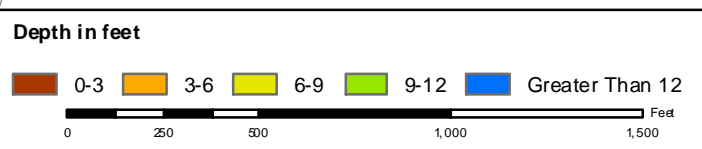
Designed By: **Hydro Software v3.82**  
Reviewed By: **CCW**  
Reference Scale: **1 inch = 500 feet**  
Project: **NAD 1983 StatePlane South Carolina FIPS 3000 Feet**  
Survey Date: **04 NOV 2016**  
Production Date: **22 NOV 2016**  
Project Reference Number: **CESAC-PRA-0001**  
Survey Type: **CONDITION**

**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

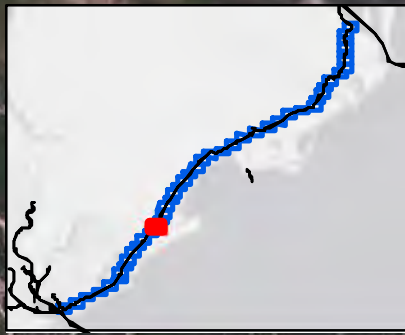
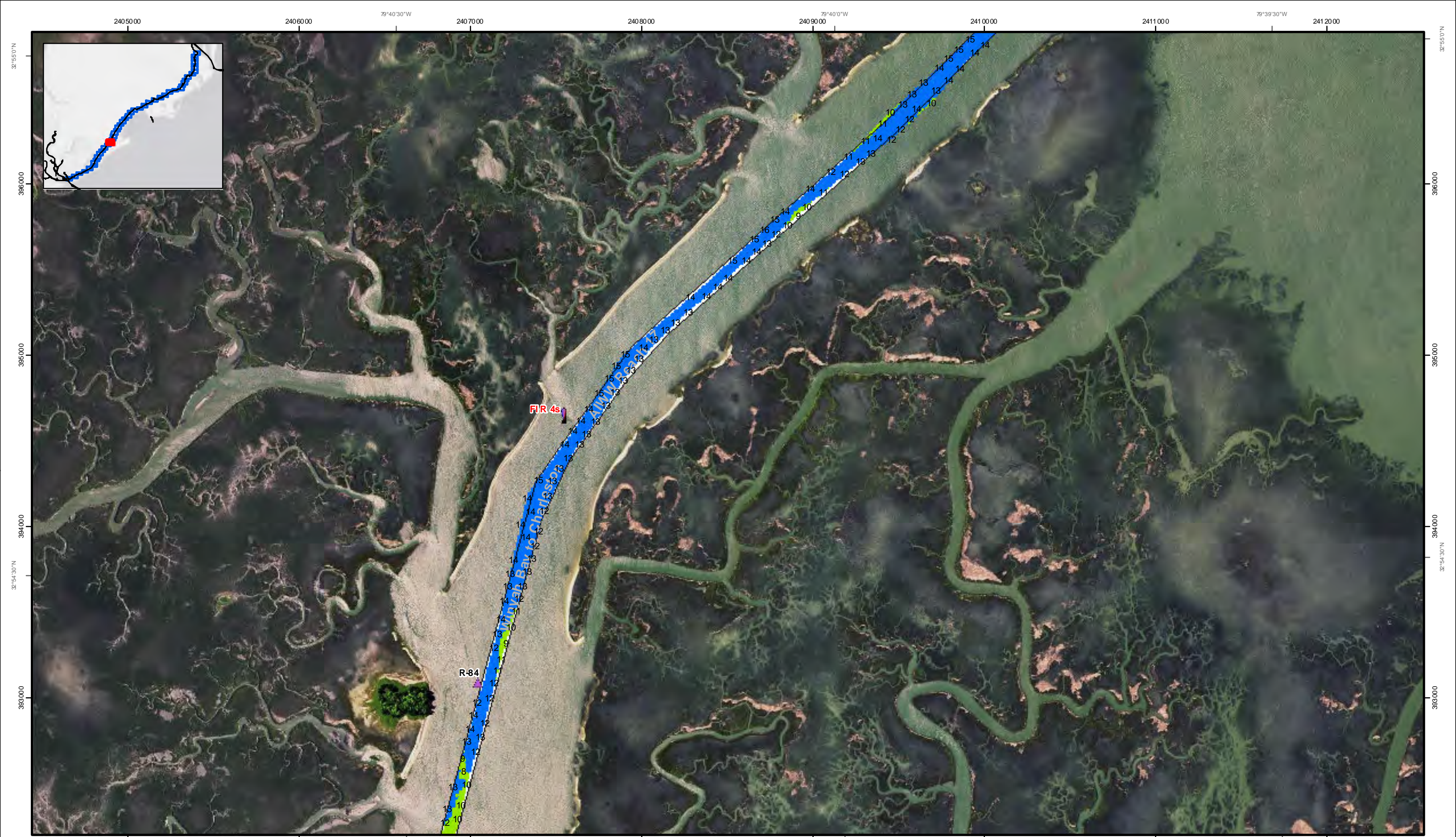


**Production Notes:**  
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2. Vector hydrographic data derived from surveys conducted by the USACE and approved partners.  
3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).  
4. Racon B background is USGS Online Image Basemap dated 2010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

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SHEET  
REFERENCE  
NUMBER  
C003  
Page 33 of 46

**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: **4 NOV 2016**  
Charleston, SC to Winyah Bay, 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**  
Project: **NAD 1983 StatePlane South Carolina FIPS 3000 Feet**  
Survey Date: **04 NOV 2016**  
Production Date: **22 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  
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:**  
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3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).  
4. Racon B imagery used is Google Earth Image Basemap dated 2010 - 2011.

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79°41'30"W 240 2000 240 3000 240 4000 240 5000 240 6000 79°40'30"W 240 7000 240 8000 240 9000 79°40'0"W

3820000 3810000 3900000 3890000 3880000

32°54'0"N 32°54'0"N 32°54'0"N 32°54'0"N 32°54'0"N 32°54'0"N 32°54'0"N 32°54'0"N 32°54'0"N

79°41'30"W 240 2000 240 3000 240 4000 240 5000 240 6000 79°40'30"W 240 7000 240 8000 240 9000 79°40'0"W

3820000 3810000 3900000 3890000 3880000

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: 4 NOV 2016  
 Charleston, SC to Winyah Bay, SC

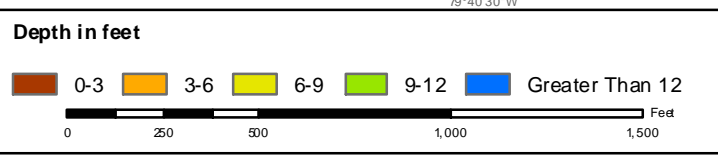
Designed By: <b>Hydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
Reviewed By: <b>CCW</b>	Project Reference Number: <b>CESAC-PRA-0001</b>	
Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		

**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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- Soundings are in feet and refer to Mean Lower Low Water (MLLW).
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**U.S. Army Corps of Engineers**  
 Charleston District

SHEET REFERENCE NUMBER  
**C003**  
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79°42'30"W 239700 239800 239900 240000 240100 79°41'30"W 240200 240300 240400 79°41'0"W



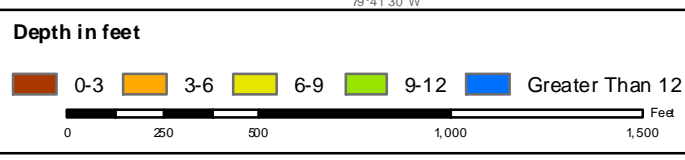
79°42'30"W 239700 239800 239900 240000 240100 79°41'30"W 240200 240300 240400 79°41'0"W

SHEET NUMBER  
C003

Page 35 of 46

<b>Atlantic Intra-coastal Waterway (AIW) Channel Survey</b>		Designed By: <b>Hydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
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: <b>CCW</b>	Project Reference Number: <b>CESAC-PRA-0001</b>	
Concluded on: <b>4 NOV 2016</b>		Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
SPATIAL DAT ABRANCH 69A HAGOOD AVE CHARLESTON, SC 29403		Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		
CESAC-GIS@USACE.ARMY.MIL				

<b>Shoalest Sounding</b>	<b>USCG Beacon</b>	<b>USCG Buoy</b>	<b>White</b>
● Sounding	■ Green	● Green	○ White
Sounding may cover several point areas and is calculated per reach quarter area	▲ Red	● Red	○ USCG Light
*+ indicates sounding above MLLW	□ White	○ Coast Guard Racon	



**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: NGS Online Image Basemap dated 2010 - 2011.

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SHEET  
REFERENCE  
NUMBER  
C003  
Page 37 of 46

**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: **4 NOV 2016**  
Charleston, SC to Winyah Bay, 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**  
Project: **NAD 1983 StatePlane South Carolina FIPS 3000 Feet**  
Survey Date: **04 NOV 2016**  
Production Date: **22 NOV 2016**  
Project Reference Number: **CESAC-PRA-0001**  
Survey Type: **CONDITION**

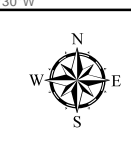
**Shoalest Sounding**  
Sounding may cover several point areas and is calculated per reach quarter area  
\*+ indicates sounding above MLLW

● 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
-------	-------	-------	--------	-------------------

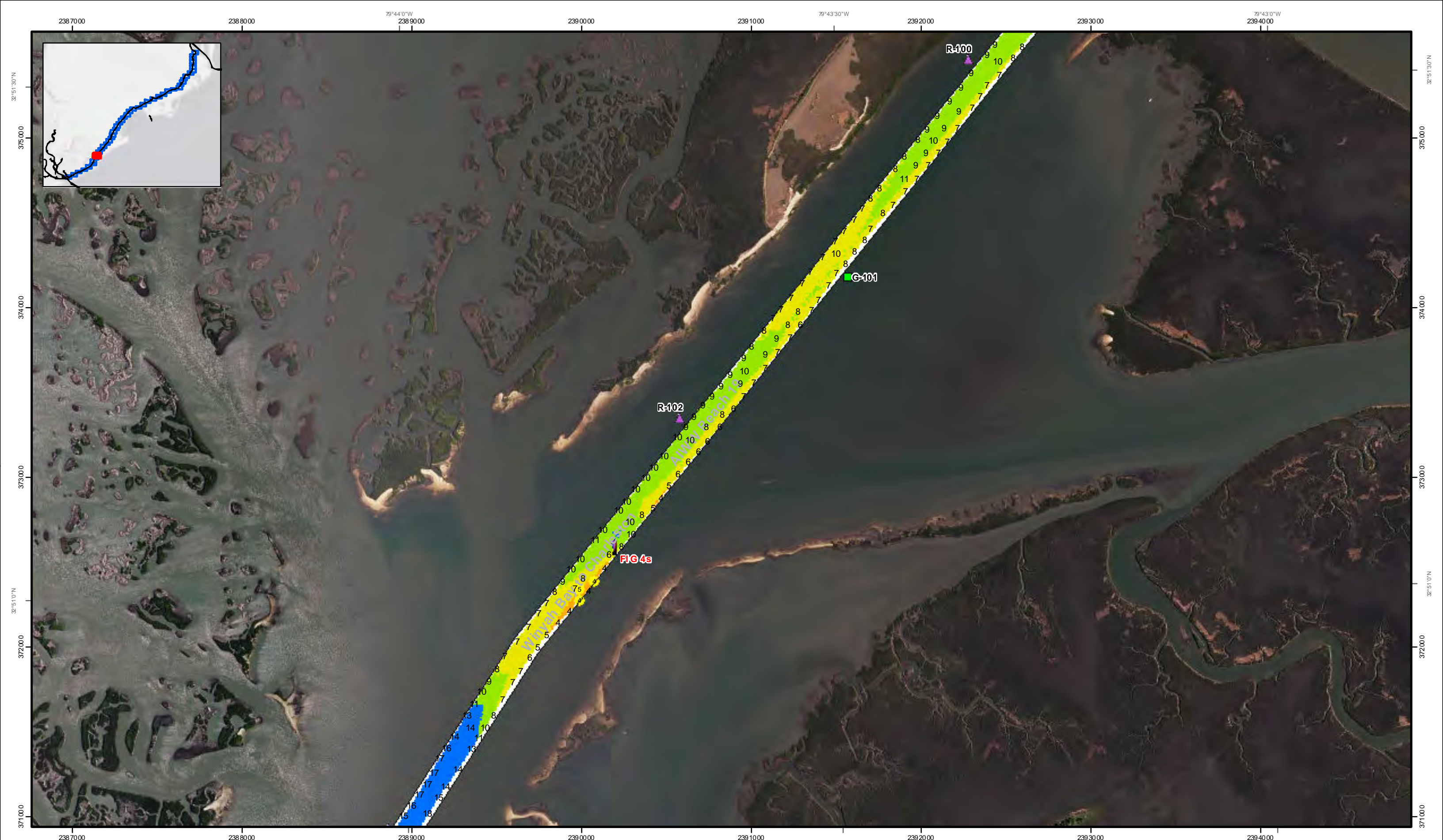
0 250 500 1,000 1,500 Feet



**Production Notes:**  
1. The information depicted on this product is for 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 a GIS Online Image Basemap dated 2010 - 2011.

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SHEET  
REFERENCE  
NUMBER  
C003  
Page 38 of 46

**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: **4 NOV 2016**  
Charleston, SC to Winyah Bay, 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: <b>Hydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
Reviewed By: <b>CCW</b>	Project Reference Number: <b>CESAC-PRA-0001</b>	
Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		

**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	Yellow
	White	Coast Guard Racon	USCG Light

**Depth in feet**

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

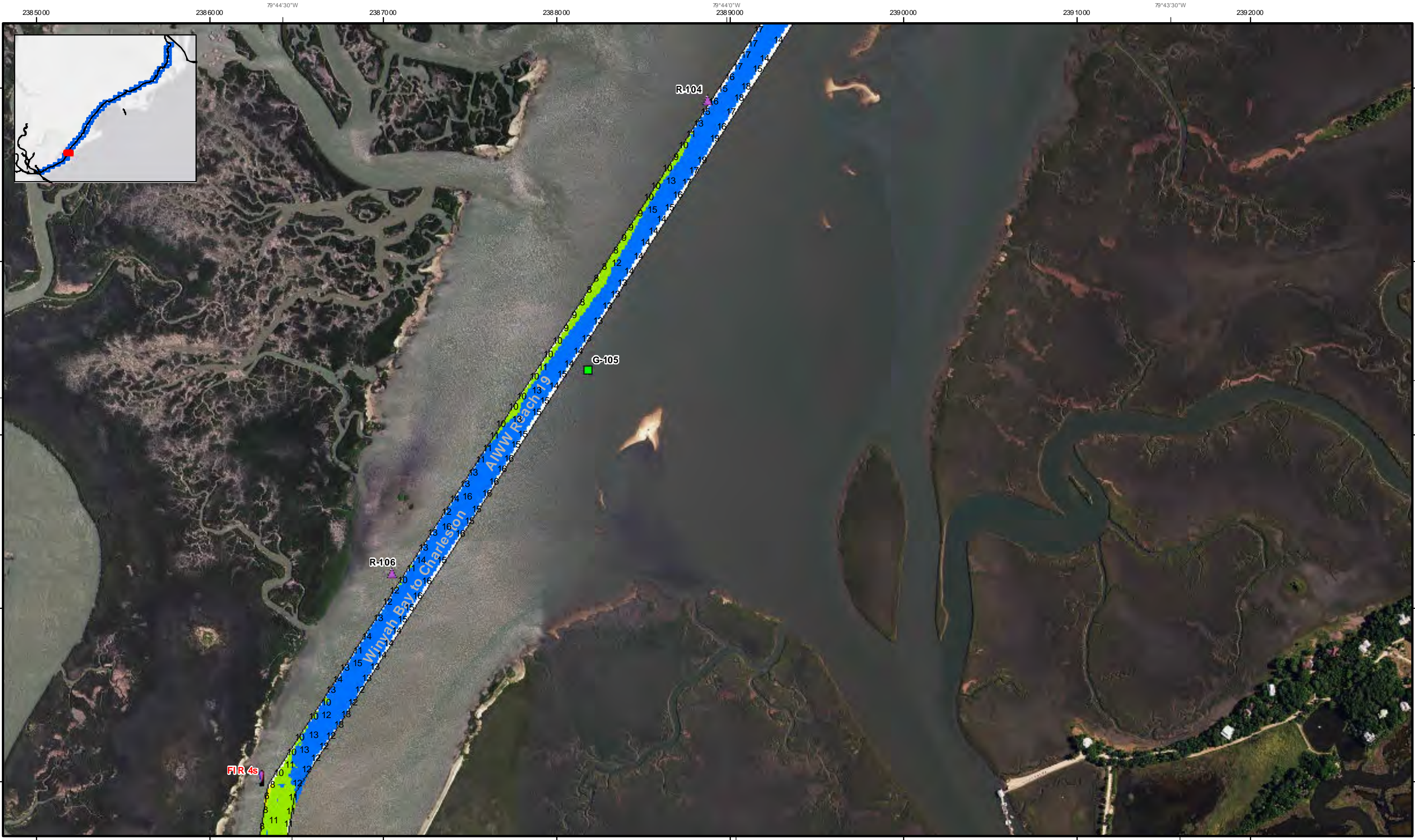
0 250 500 1,000 1,500 Feet



**Production Notes:**  
1. The information depicted on this product is for planning purposes only.  
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 ID is shown in the Online Image Base map dated 2010 - 2011.

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SHEET REFERENCE NUMBER  
C003  
Page 39 of 46

**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: **4 NOV 2016**  
Charleston, SC to Winyah Bay, 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**

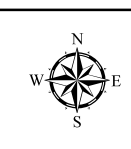
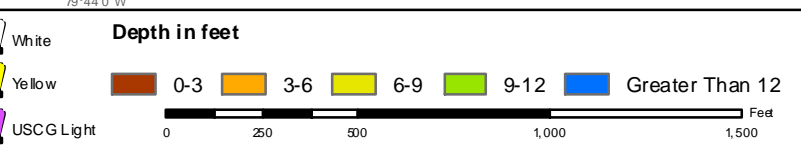
Survey Date:  
**04 NOV 2016**  
Production Date:  
**22 NOV 2016**  
Project Reference Number:  
**CESAC-PRA-0001**  
Survey Type:  
**CONDITION**

**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

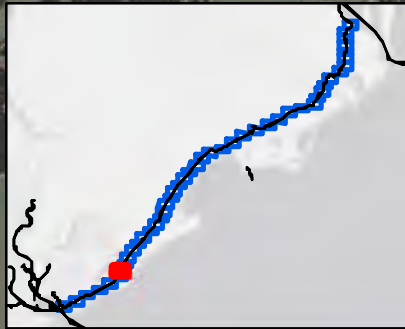
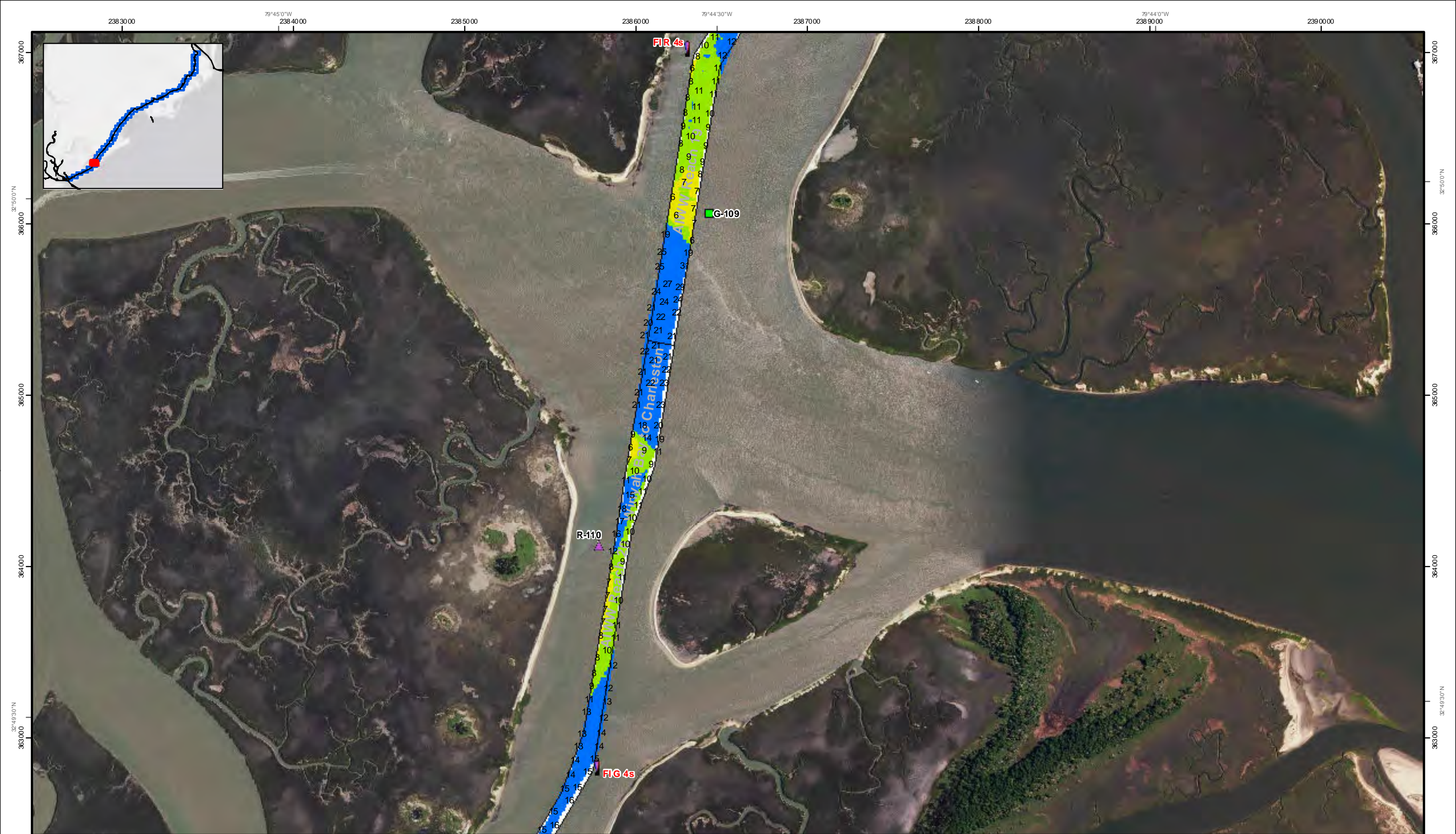
**USCG Light**  
White  
Yellow



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238 3000 79°45'0"W 238 4000 238 5000 238 6000 79°44'30"W 238 7000 238 8000 79°44'0"W 238 9000 239 0000

367 000 366 000 365 000 364 000 363 000 362 000

367 000 366 000 365 000 364 000 363 000 362 000

238 3000 79°45'0"W 238 4000 238 5000 238 6000 79°44'30"W 238 7000 238 8000 79°44'0"W 238 9000 239 0000

SHEET  
REFERENCE  
NUMBER  
C003  
Page 40 of 46

**Atlantic Intracoastal Waterway (AIW) Channel Survey**  
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Concluded on: **4 NOV 2016**  
Charleston, SC to Winyah Bay, 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: <b>Hydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
Reviewed By: <b>CCW</b>	Project Reference Number: <b>CESAC-PRA-0001</b>	
Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		

**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



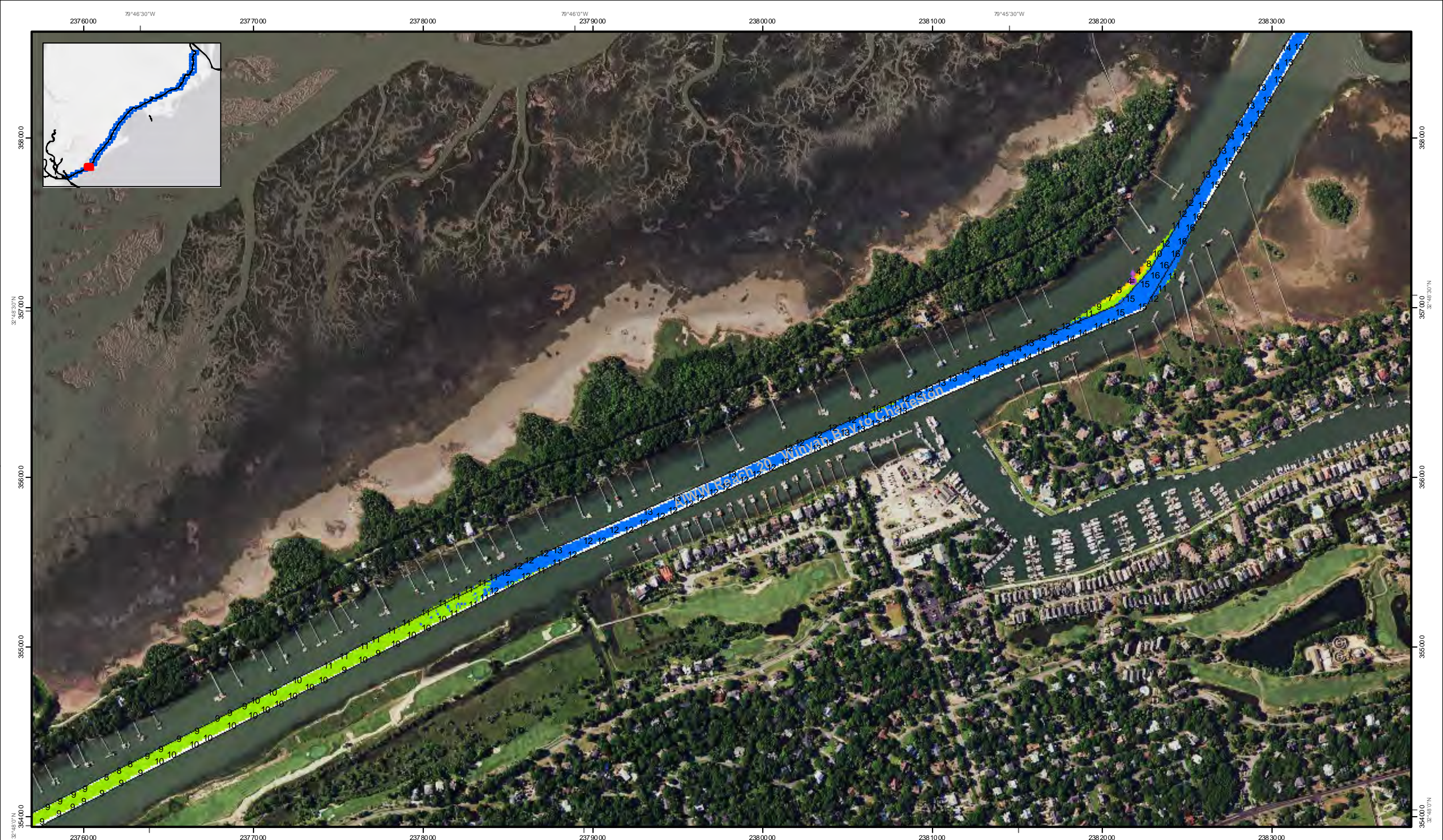
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3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).  
4. Raster background is USGS Online Image Basemap dated 2010 - 2011.

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SHEET  
REFERENCE  
NUMBER  
C003  
Page 42 of 46

**Atlantic Intercoastal Waterway (AIW) Channel Survey**  
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 Concluded on: **4 NOV 2016**  
 Charleston, SC to Winyah Bay, 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

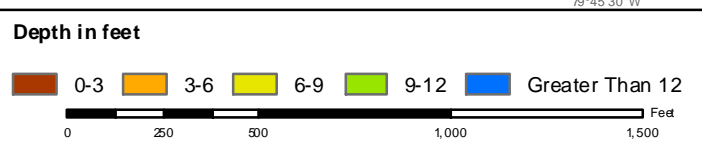
Designed By: <b>Hydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
Reviewed By: <b>CCW</b>	Project Reference Number: <b>CESAC-PRA-0001</b>	
Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
Project to: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		

**Shoalest Sounding**  
 ● Sounding  
*Sounding may cover several point areas and is calculated per each quarter area*  
 \* indicates sounding above MLLW

**USCG Beacon**  
 ■ Green  
 ▲ Red  
 □ White

**USCG Buoy**  
 ● Green  
 ● Red  
 ● Coast Guard Racon

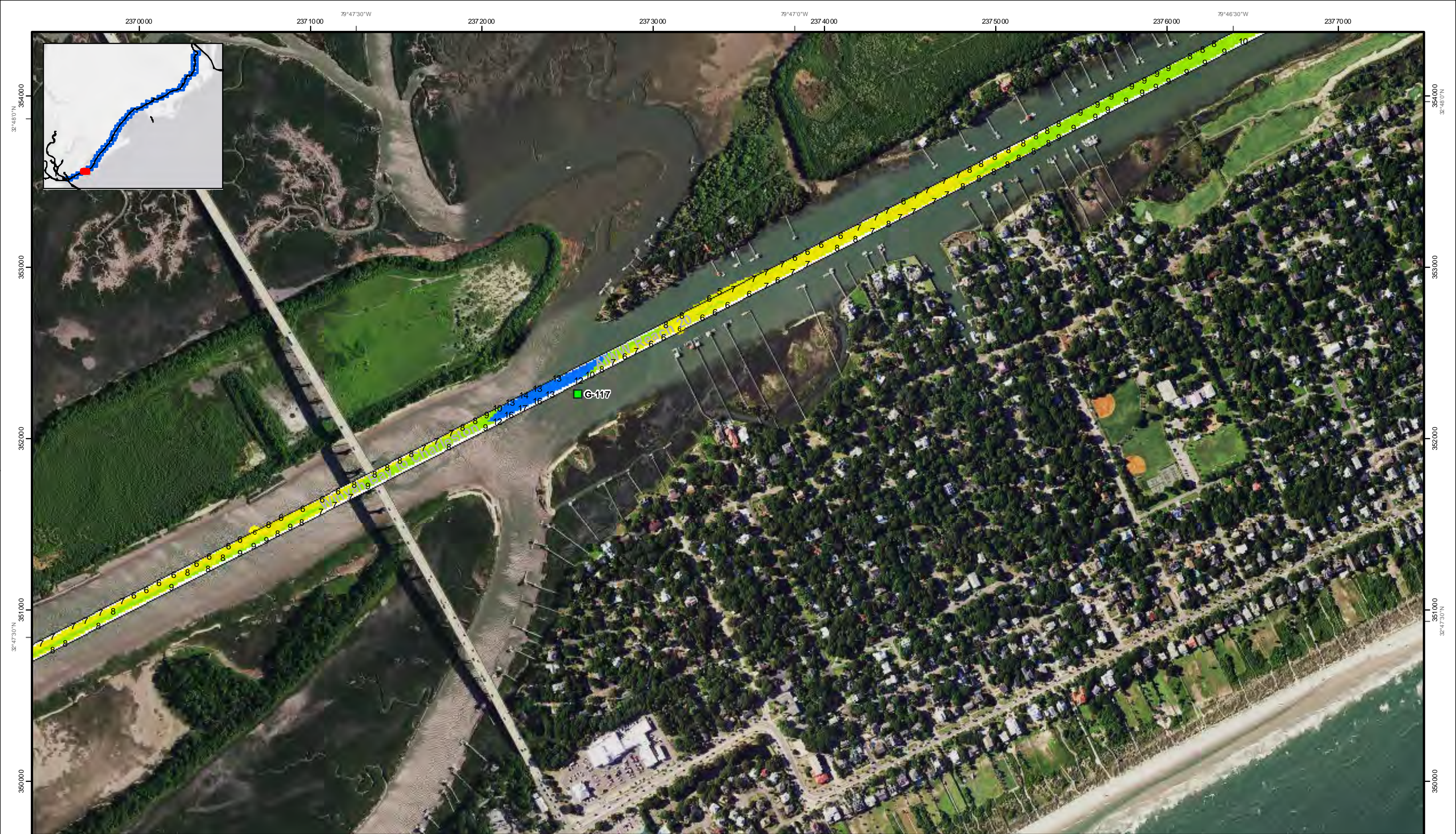
○ White  
 ○ Yellow  
 ○ USCG Light



**Production Notes:**  
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SHEET REFERENCE NUMBER  
**C003**  
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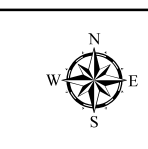
**Atlantic Intra-coastal Waterway (AIW) Channel Survey**  
 The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.  
 Concluded on: **4 NOV 2016**  
 Charleston, SC to Winyah Bay, 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: <b>Hydro Software v3.82</b>  Reviewed By: <b>CCW</b>  Reference Scale: <b>1 inch = 500 feet</b>  Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>	Survey Date: <b>04 NOV 2016</b>  Project Reference Number: <b>CESAC-PRA-0001</b>  Survey Type: <b>CONDITION</b>	Production Date: <b>22 NOV 2016</b>
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**Shoalest Sounding**  
 Sounding may cover several point areas and is calculated per each quarter area  
 "+" indicates sounding above MLLW

<b>USCG Beacon</b> Green Red White	<b>USCG Buoy</b> 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 National Image Base Map dated 2010 - 2011.  
  
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2362000 2363000 2364000 2365000 2366000 2367000 2368000 2369000



79°49'30"W 2362000 2363000 2364000 2365000 2366000 2367000 2368000 2369000

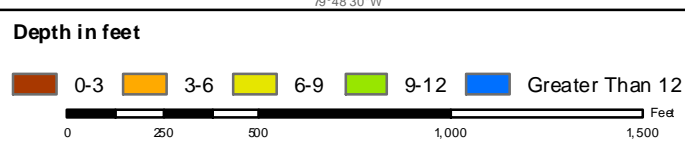
347000 348000 349000 350000 351000

32°47'30"N

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<b>Atlantic Intra-coastal Waterway (AMW) Channel Survey</b>		Designed By: <b>Hydro Software v3.82</b>	Survey Date: <b>04 NOV 2016</b>	Production Date: <b>22 NOV 2016</b>
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: <b>4 NOV 2016</b>		Reviewed By: <b>CCW</b>	Project Reference Number: <b>CESAC-PRA-0001</b>	
SPATIAL DAT ABRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL		Reference Scale: <b>1 inch = 500 feet</b>	Survey Type: <b>CONDITION</b>	
Charleston, SC to Winyah Bay, SC		Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>		

<b>Shoalest Sounding</b>	<b>USCG Beacon</b>	<b>USCG Buoy</b>	<b>White</b>
● Sounding	■ Green	● Green	● White
Sounding may cover several point areas and is calculated per reach 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 Google Earth 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 effort has 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



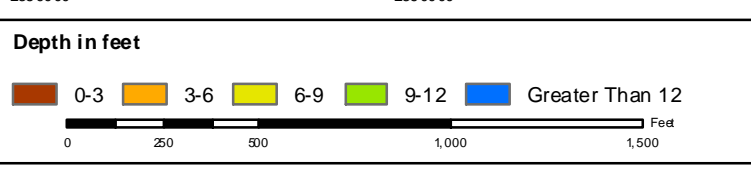
SHEET REFERENCE NUMBER  
**C003**  
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**Atlantic Intracoastal Waterway (AIW) Channel Survey**  
 The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.  
 Concluded on: **4 NOV 2016**  
 Charleston, SC to Winyah Bay, SC

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GI 98 USACE ARMY.MIL	Designed By: <b>Hydro Software v3.82</b> Reviewed By: <b>CCW</b> Reference Scale: <b>1 inch = 500 feet</b> Projection: <b>NAD 1983 StatePlane South Carolina FIPS 3000 Feet</b>	Survey Date: <b>04 NOV 2016</b> Project Reference Number: <b>CESAC-PRA-0001</b> Survey Type: <b>CONDITION</b>	Production Date: <b>22 NOV 2016</b>
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**Shoalest Sounding**  
 Sounding may cover several point areas and is calculated per reach quarter area  
 "+" indicates sounding above MLLW

<b>USCG Beacon</b> Green Red White	<b>USCG Buoy</b> Green Red Coast Guard Racon	White Yellow USCG Light
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**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: Aerial Imagery from Google Earth Pro, 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 sets are as accurate and reliable as possible, variable sea 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 depth sounder safety measure.



2347000 2348000 79°52'0"W 2349000 2350000 79°51'30"W 2351000 2352000 2353000 79°51'0"W 2354000



**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: 4 NOV 2016  
 Charleston, SC to Winyah Bay, SC

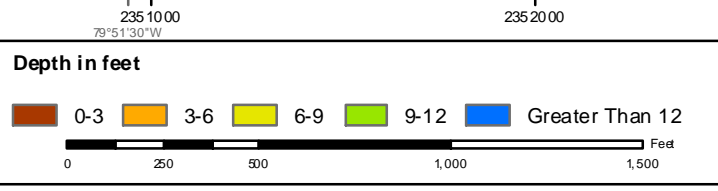
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Designed By: Hydro Software v3.82	Survey Date: 04 NOV 2016	Production Date: 22 NOV 2016
SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL	Reviewed By: CCW	Project Reference Number: CESAC-PRA-0001	
Reference Scale: 1 inch = 500 feet	Scale: 1:6,000	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  
 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. Racon B acquiranda are shown in the 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 effort has been made to ensure that the data sets are accurate and reliable, errors and variable sea levels 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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