

SHEET
REFERENCE
NUMBER
C003
Page 1 of 35

**Atlantic Intercoastal 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: **27 SEP 2017**
Charleston, SC to Port Royal, SC

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

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

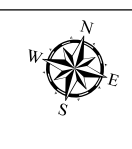
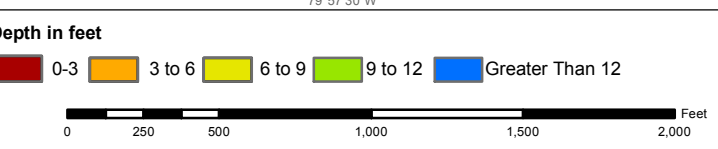
Designed By: eHydro Software v3.82	Survey Date: 27 SEP 2017	Production Date: 31 OCT 2017
Reviewed By: CCW	Absolute Scale: 1:7,590	Project Reference Number: CESAC-PRA-0001
Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

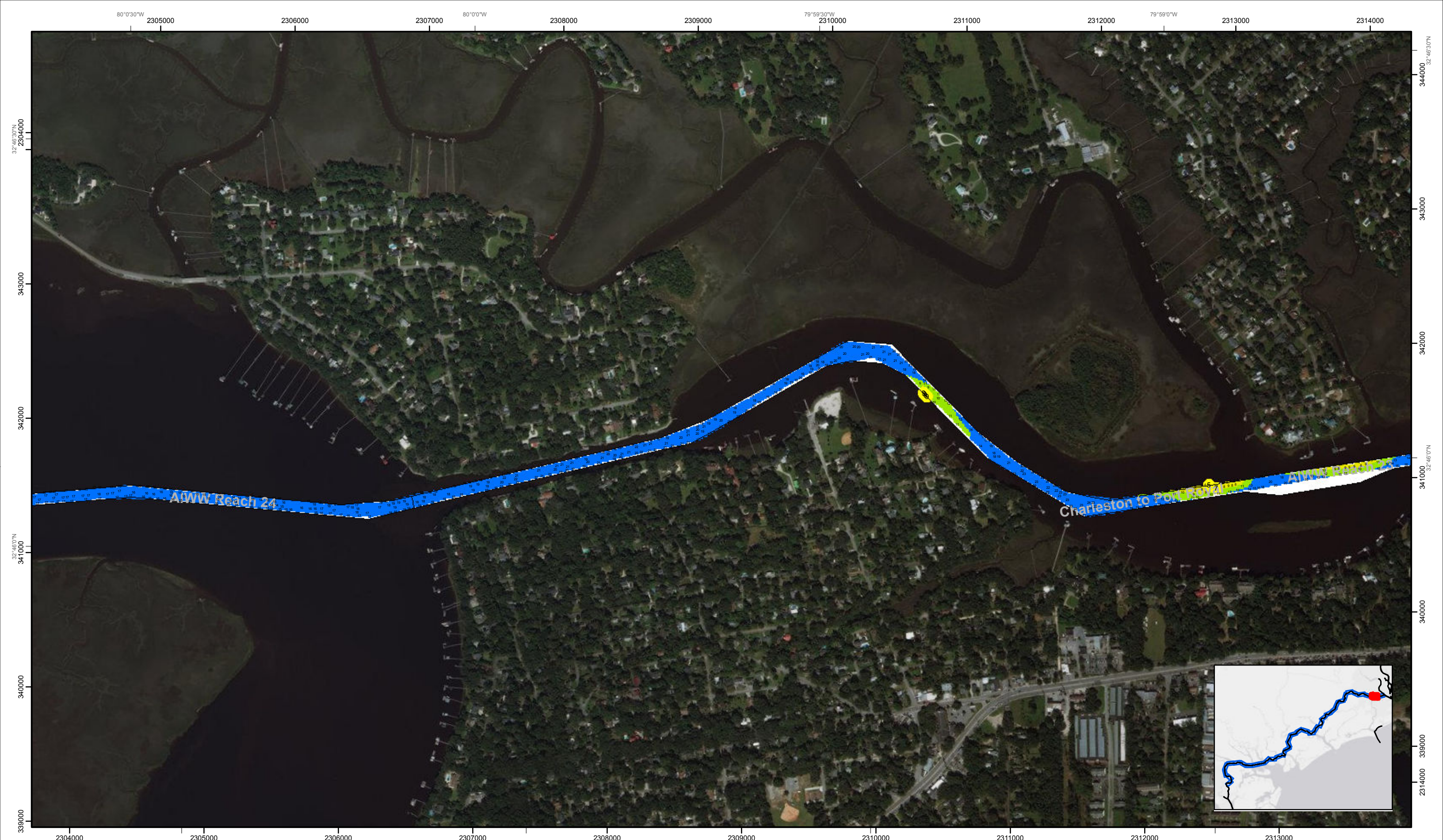
○ White
○ Yellow
○ USCG Light



Production Notes:
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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: ArcGIS Online
Image Basemap dated 2010 - 2011

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District Office, Spatial Data Branch be liable for direct, indirect,
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● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

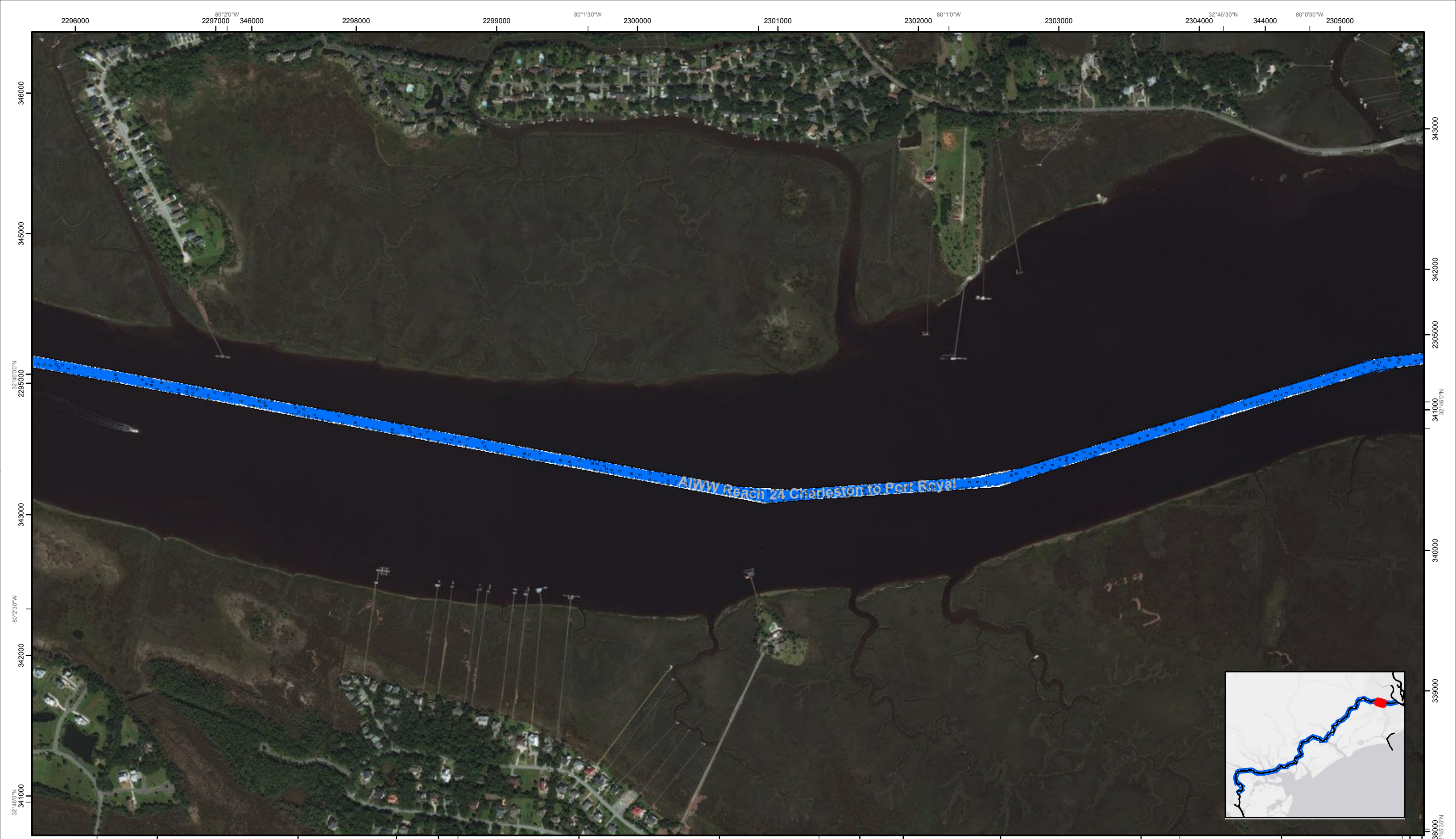
0-3	3 to 6	6 to 9	9 to 12	Greater Than 12
-----	--------	--------	---------	-----------------

0 250 500 1,000 1,500 2,000 Feet



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▲ Red
□ White

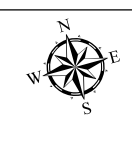
USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

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

0 250 500 1,000 1,500 2,000 Feet

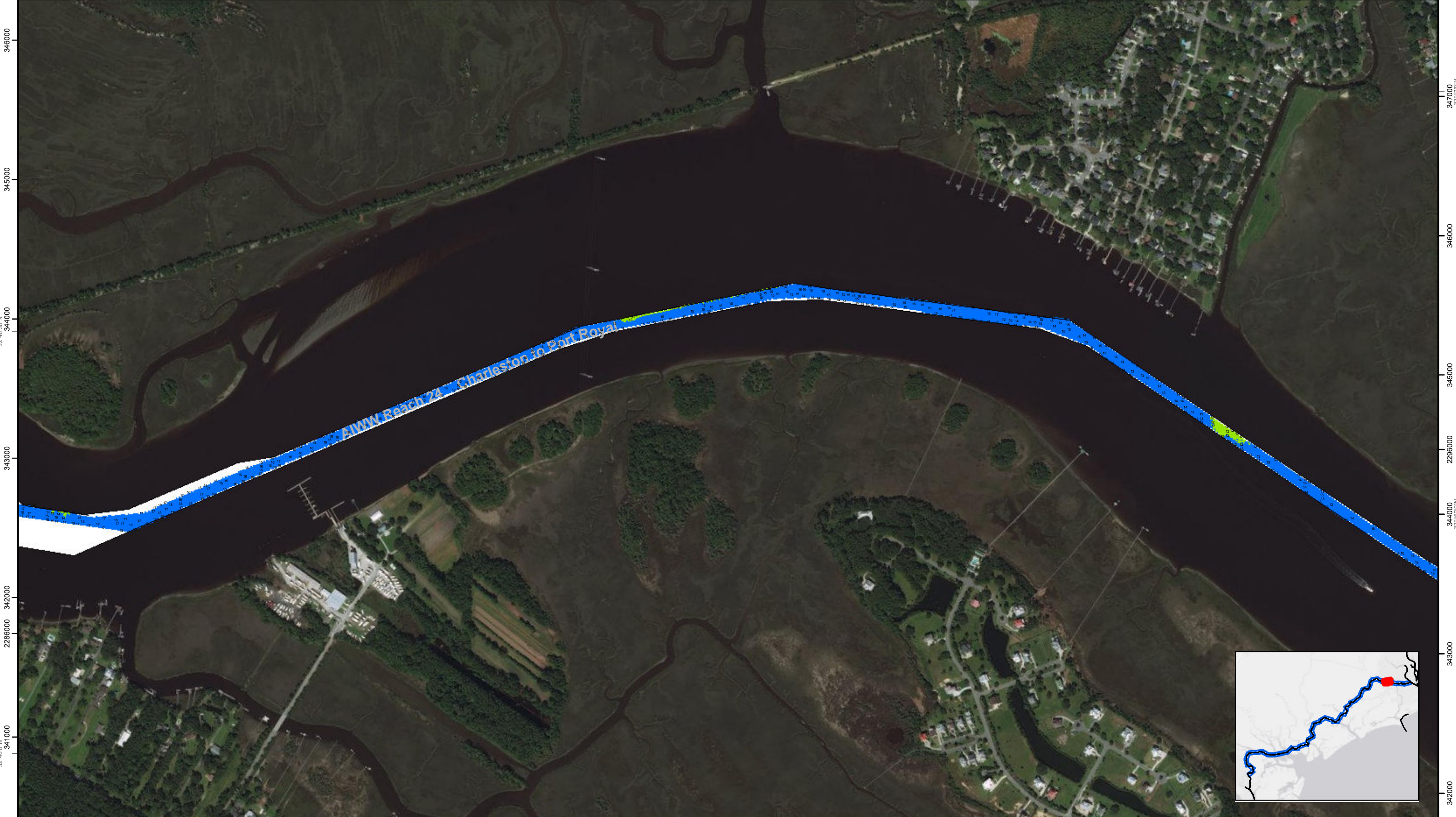


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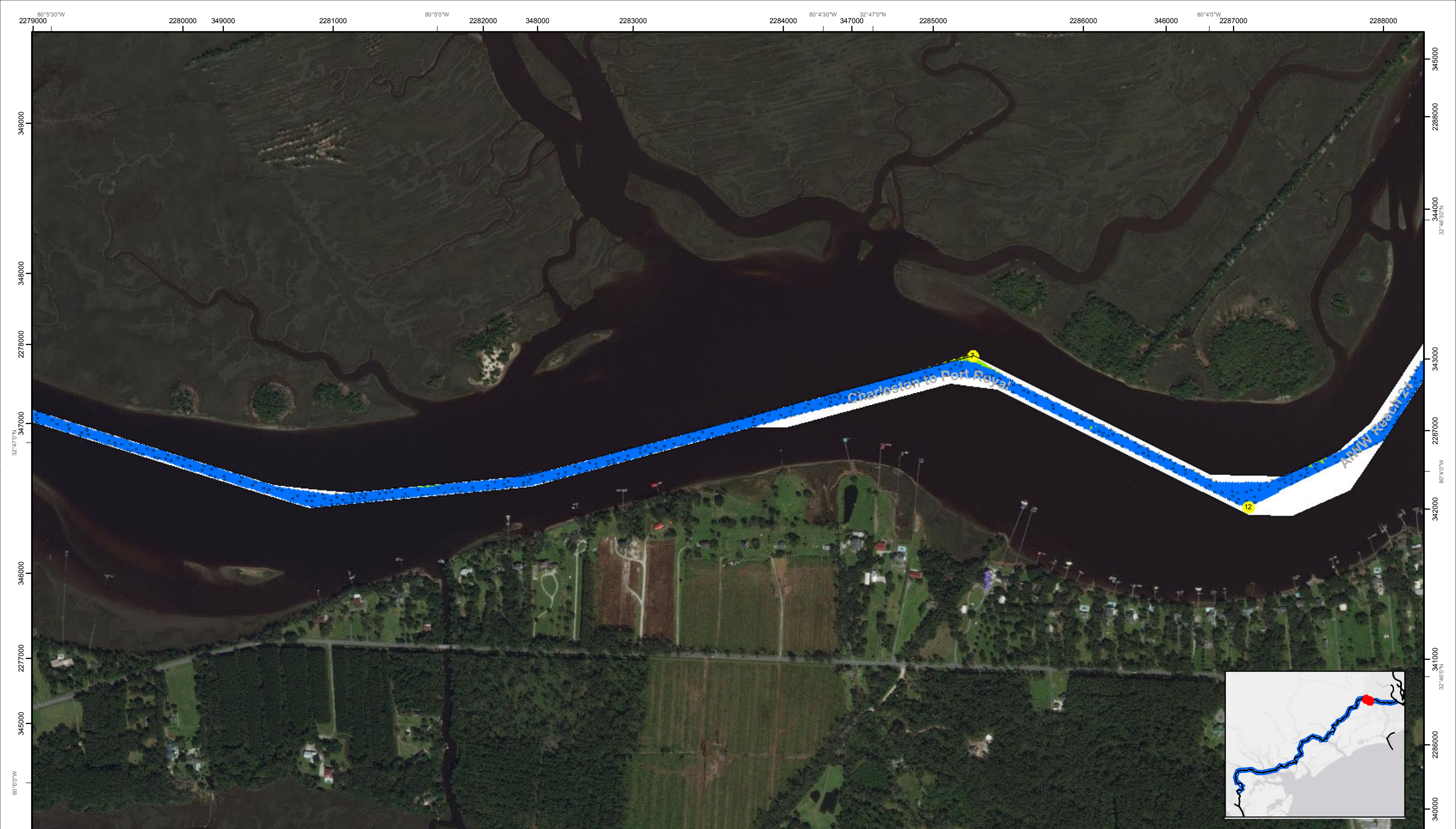
2286000 80°40'W 2287000 2288000 2289000 2290000 347000 80°30'W 2291000 347000 2292000 80°30'W 2293000 2294000 80°23'W 2295000



345000
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342000

SHEET REFERENCE NUMBER C003 Page 4 of 35	Atlantic Intercoastal 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: 27 SEP 2017 Charleston, SC to Port Royal, SC	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL	Designed By: eHydro Software v3.82 Reviewed By: CCW Reference Scale: 1 inch = 633 feet Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet	Survey Date: 27 SEP 2017 Production Date: 31 OCT 2017 Project Reference Number: CESAC-PRA-0001 Survey Type: [Type]	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 to 6 ■ 6 to 9 ■ 9 to 12 ■ Greater Than 12	0 250 500 1,000 1,500 2,000 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: ArcGIS Online Image Basemap dated 2010 - 2011. 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.	 U.S. Army Corps of Engineers Charleston District
	80°40'W 2287000 2288000 2289000 80°30'W 2290000 341000 2291000 2292000 80°30'W 2293000 2294000 80°23'W 2295000 2296000												



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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

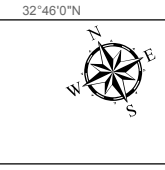
USCG Buoy
 ● Green
 ● Red
 ● Coast Guard Racon

USCG Light
 ● White
 ● Yellow

Depth in feet

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

0 250 500 1,000 1,500 2,000 Feet



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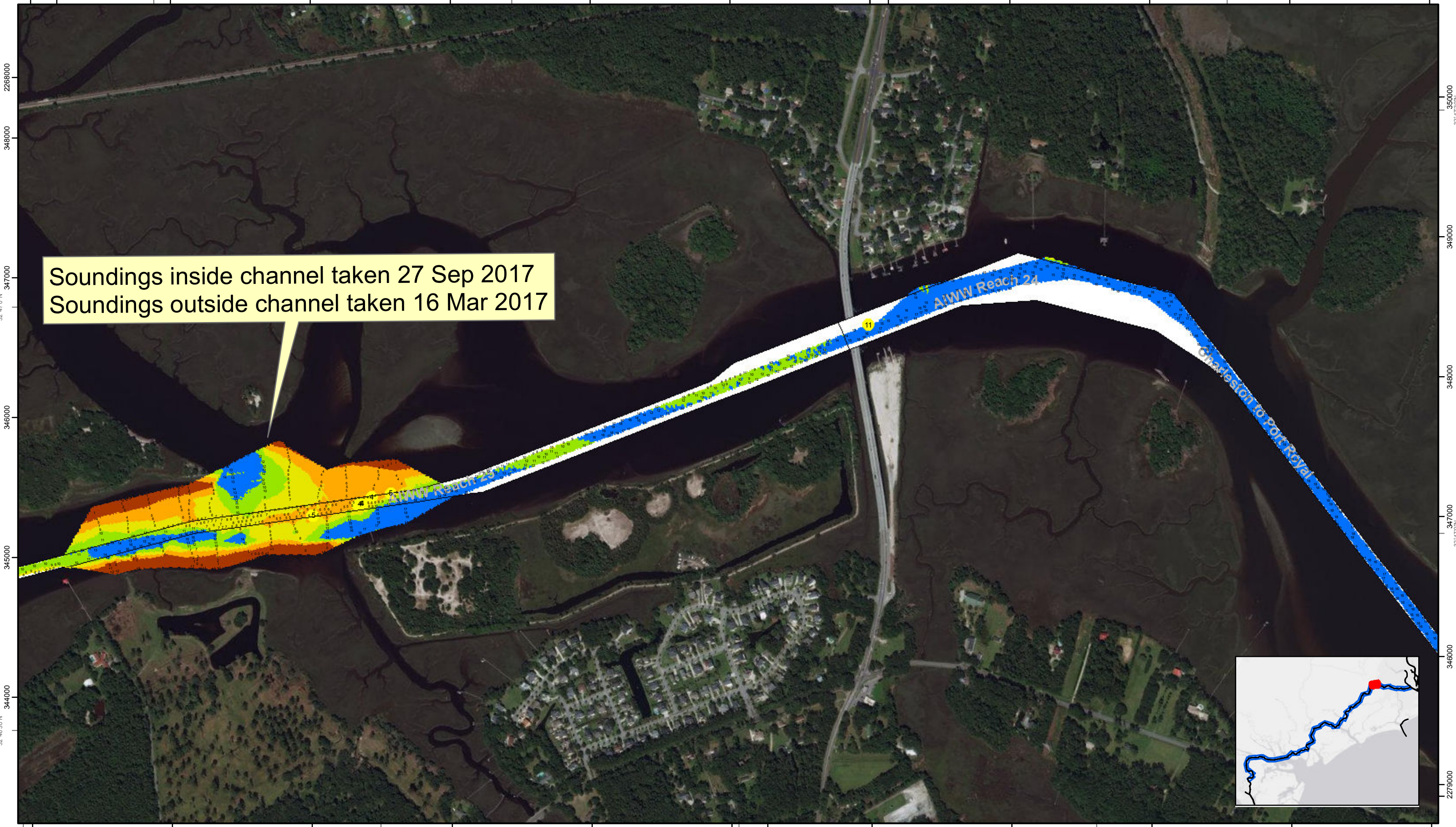
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2268000 349000 80°7'30"W 2269000 2270000 2271000 80°7'0"W 2272000 2273000 2274000 80°6'30"W 2274000 2275000 2276000 80°6'0"W 2277000 2278000



Soundings inside channel taken 27 Sep 2017
 Soundings outside channel taken 16 Mar 2017

32°47'0"N
347000
346000
345000
344000
32°46'30"N

350000
349000
348000
347000
346000
345000
344000
2279000



2269000 2270000 2271000 80°7'30"W 2272000 2273000 2274000 80°6'30"W 344000 345000 346000 347000 80°6'0"W 2277000 2278000 2279000

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Designed By: **eHydro Software v3.82**
 Reviewed By: **CCW**
 Reference Scale: **1 inch = 633 feet**
 Projection: **NAD 1983 StatePlane South Carolina FIPS 3900 Feet**

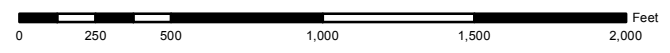
Survey Date: **27 SEP 2017**
 Production Date: **31 OCT 2017**
 Absolute Scale: **1:7,600**
 Project Reference Number: **CESAC-PRA-0001**
 Survey Type: **[Type]**

Shoalest Sounding
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 "+" indicates sounding above MLLW

USCG Beacon
 Green
 Red
 White

USCG Buoy
 Green
 Red
 Coast Guard Racon

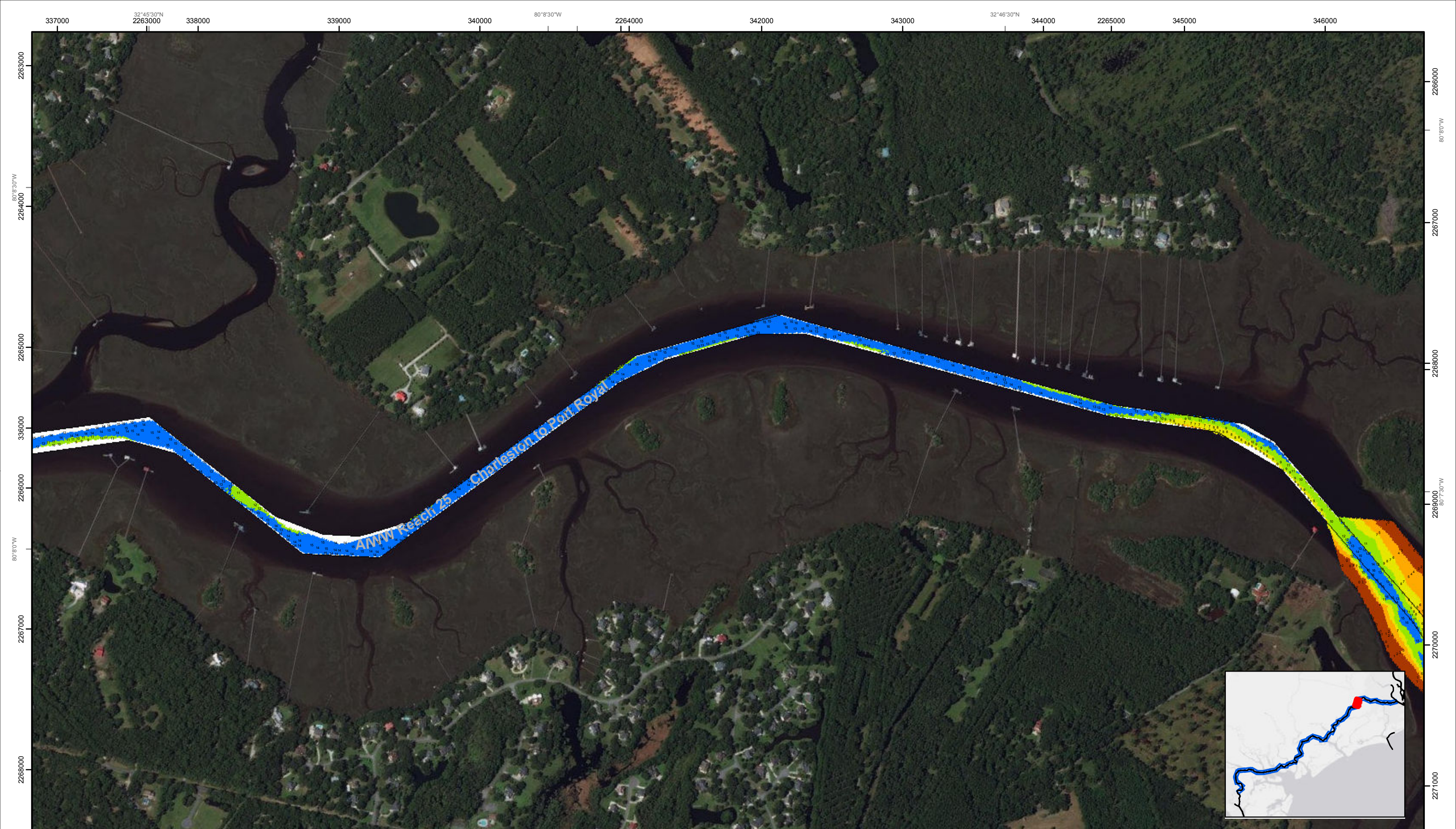
Depth in feet
 White
 Yellow
 0-3
 3 to 6
 6 to 9
 9 to 12
 Greater Than 12



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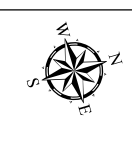
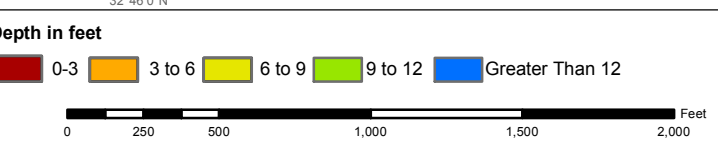
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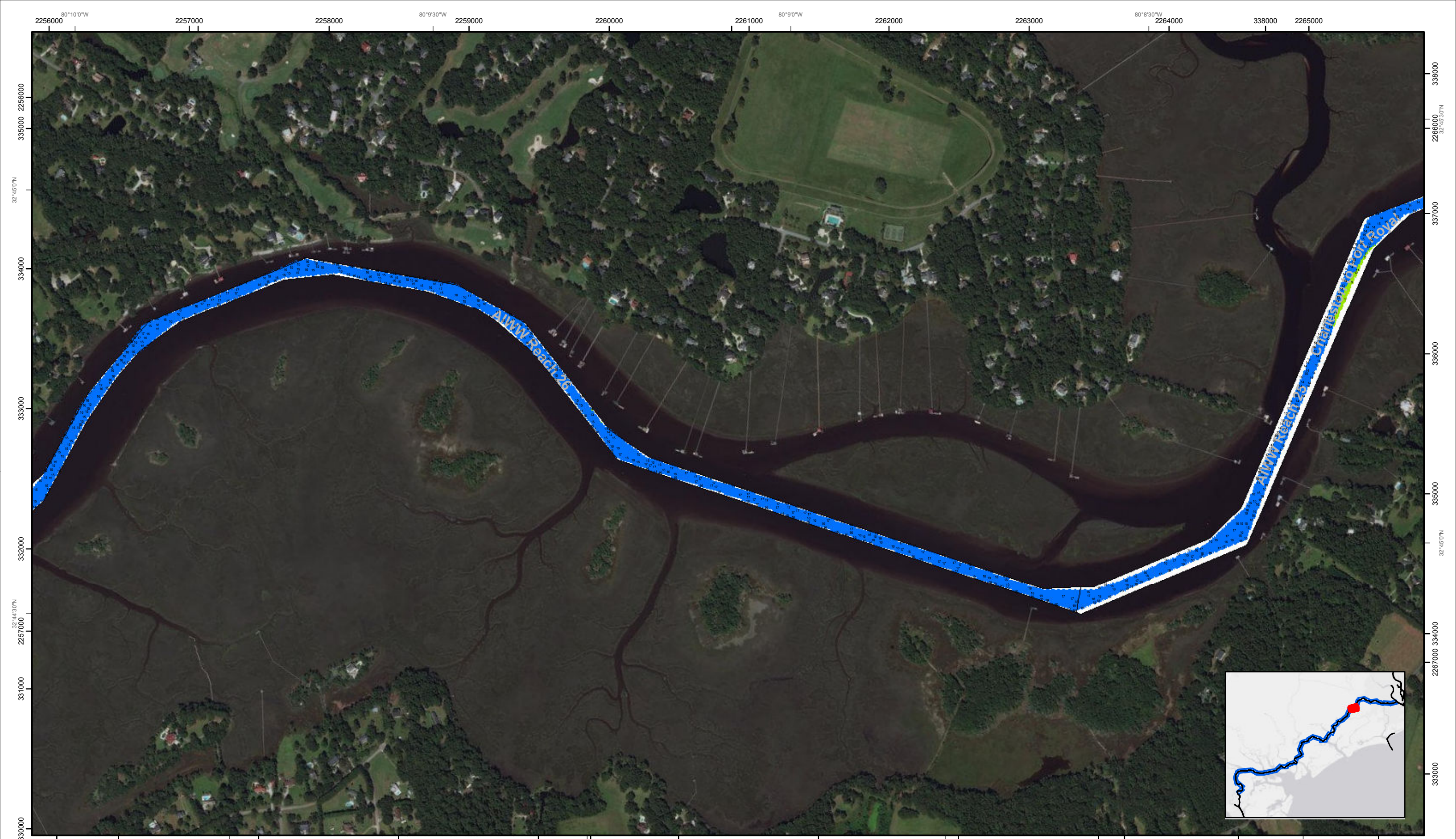
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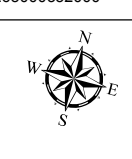
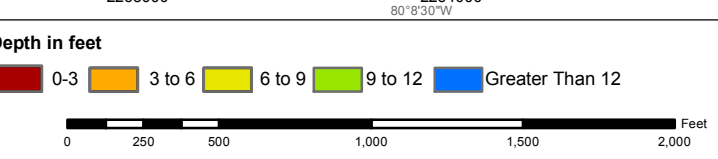
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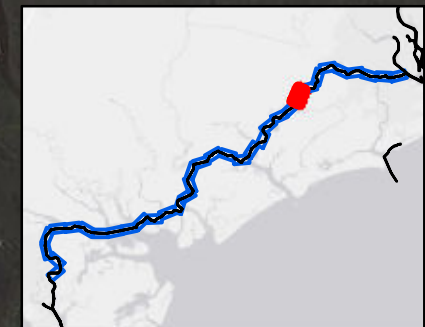
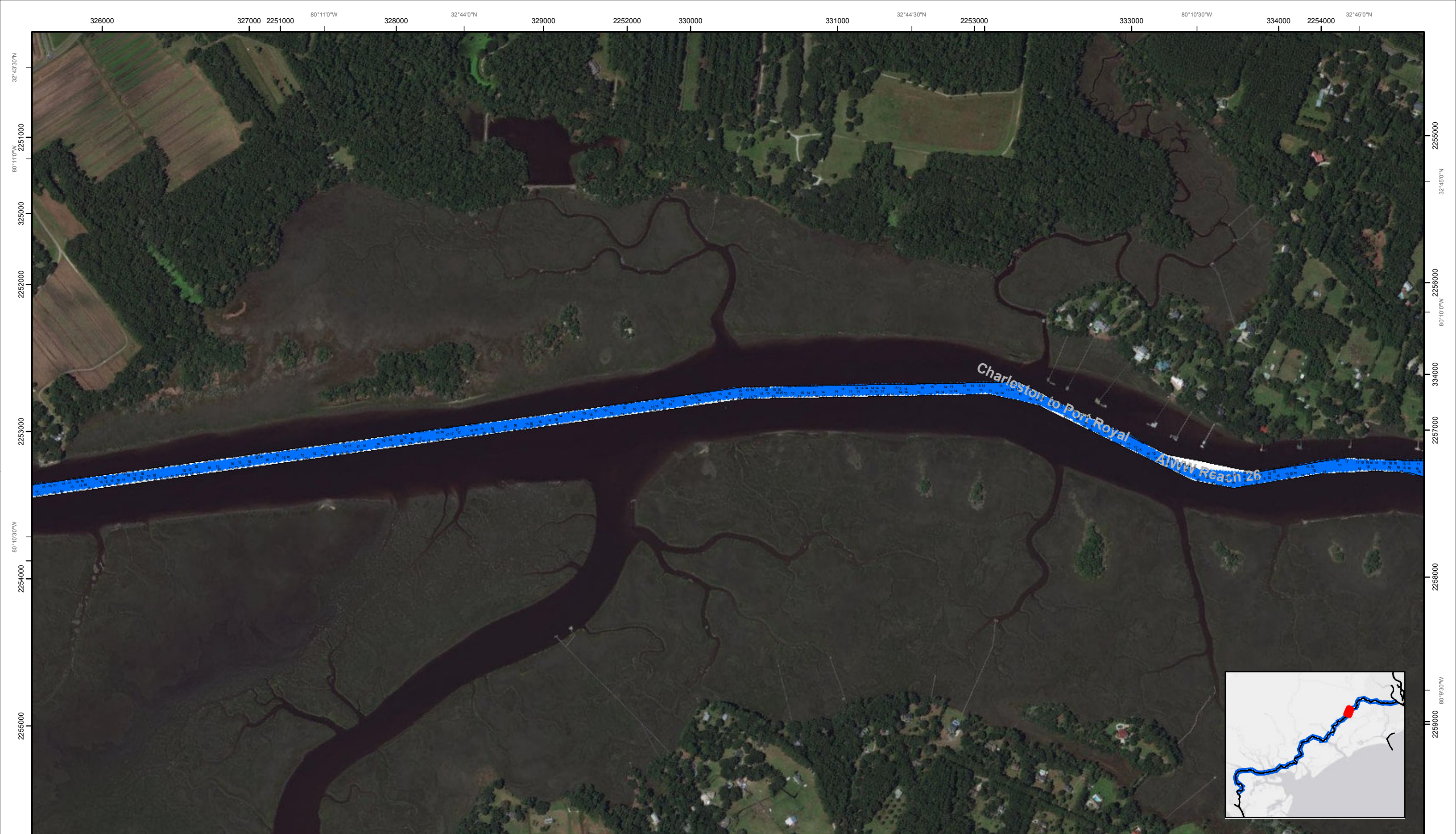
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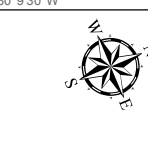
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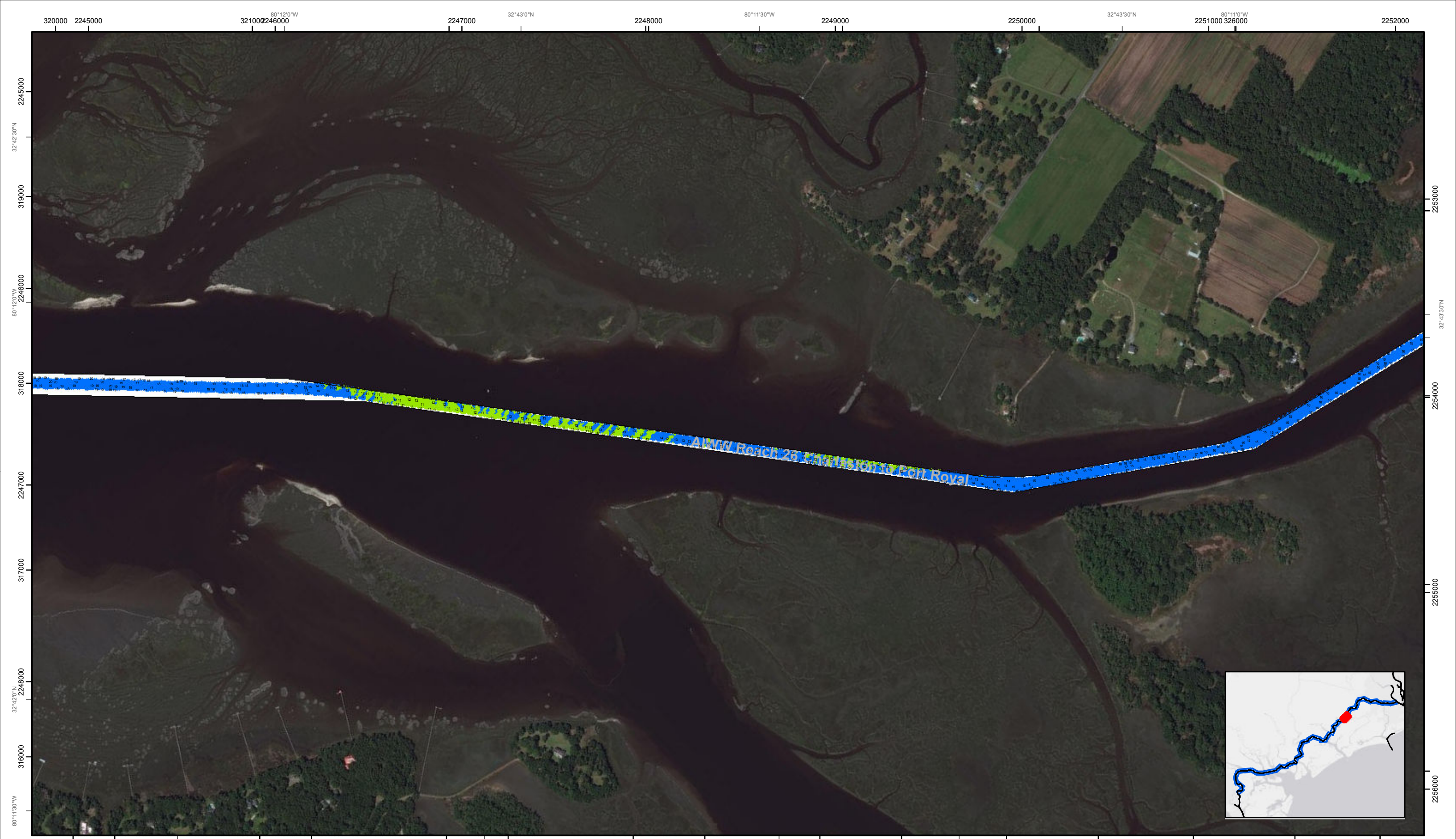
0 250 500 1,000 1,500 2,000 Feet



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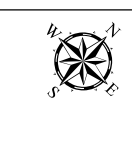
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● Sounding	■ Green	● Green	● White
▲ Red	▲ Red	● Red	● White
○ Coast Guard Racon	● Coast Guard Racon	● USC Light	

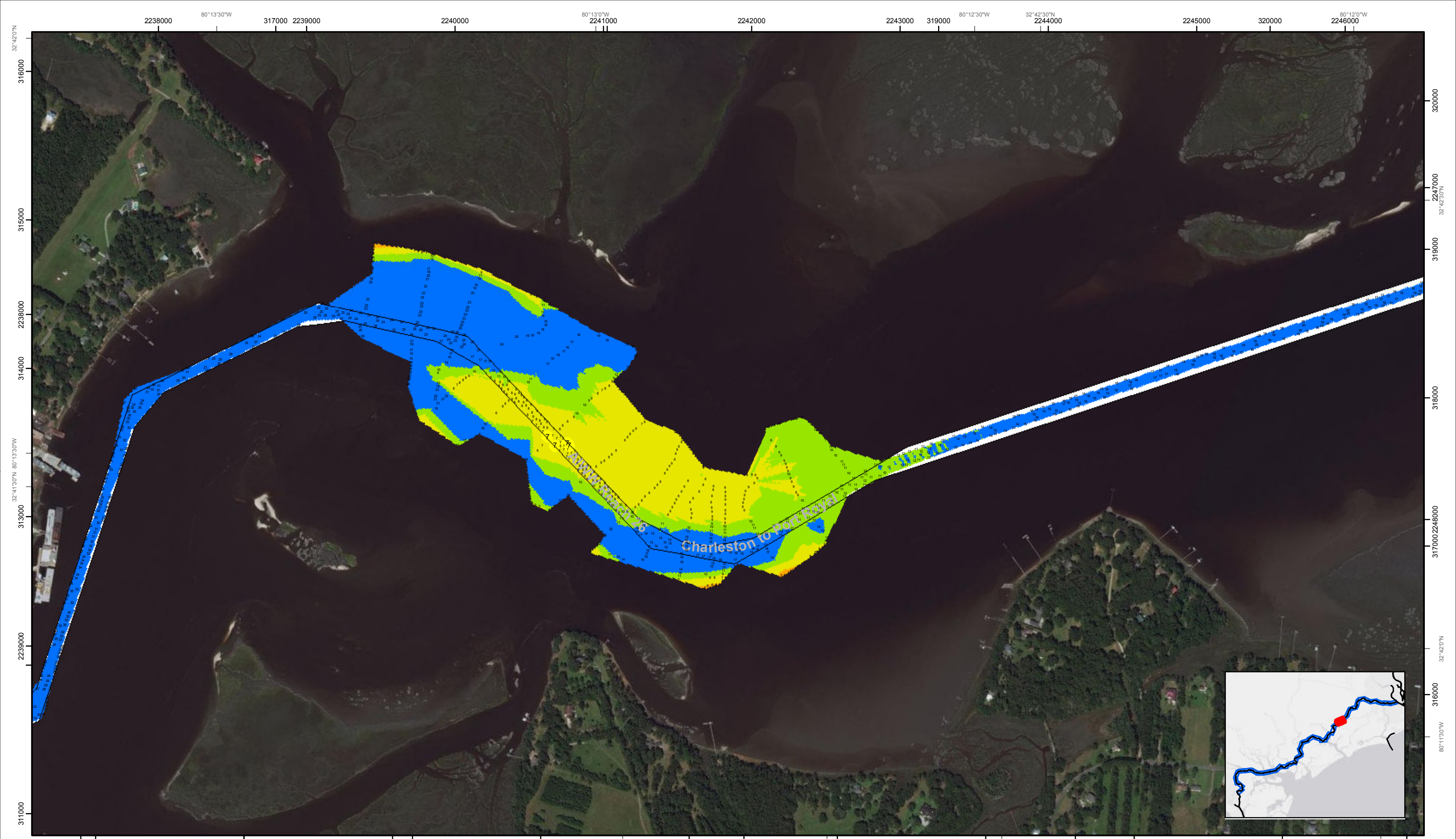
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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**
The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.
Concluded on: **27 SEP 2017**
Charleston, SC to Port Royal, SC

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

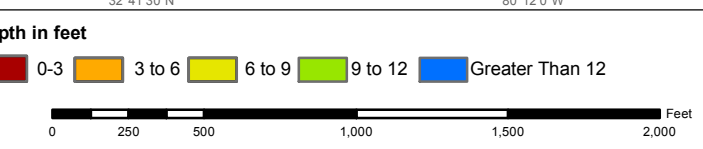
Designed By: eHydro Software v3.82	Survey Date: 27 SEP 2017	Production Date: 31 OCT 2017
Reviewed By: CCW	Absolute Scale: 1:7,590	Project Reference Number: CESAC-PRA-0001
Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
Green
Red
White

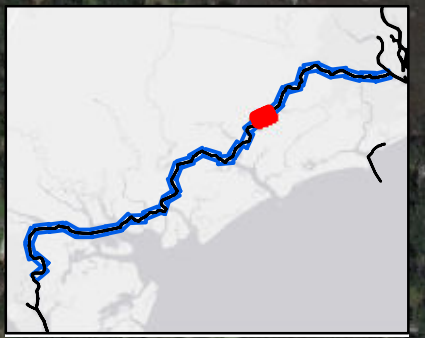
USCG Buoy
Green
Red
Coast Guard Racon

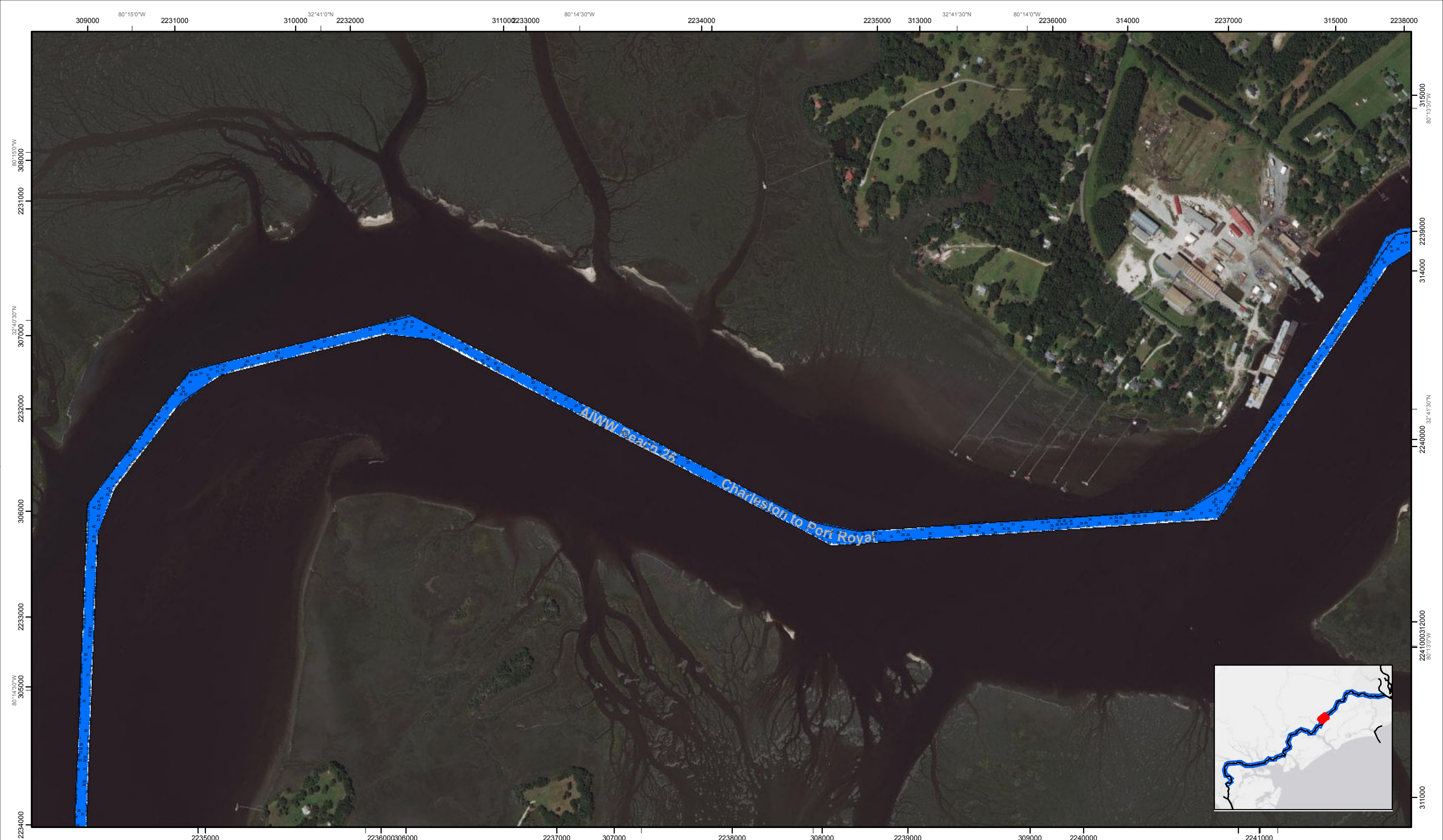
White
Yellow
USCG Light



Production Notes:
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3. Soundings are in feet and refer to Mean Lower Low Water (MLLW).
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Atlantic Intercoastal Waterway (AIWW) Channel Survey
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 Charleston, SC to Port Royal, SC

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

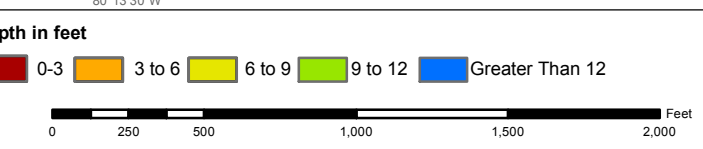
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Reviewed By: CCW	Absolute Scale: 1:7,590	Project Reference Number: CESAC-PRA-0001
Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
 ● Green
 ▲ Red
 □ White

USCG Buoy
 ● Green
 ● Red
 ● Coast Guard Racon

○ White
 ● Yellow
 ● USCG Light



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

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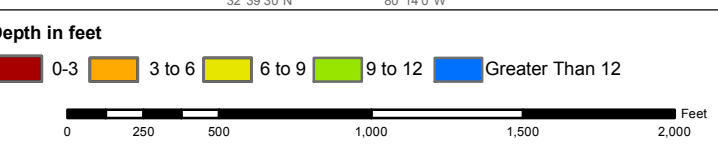
Designed By: eHydro Software v3.82	Survey Date: 27 SEP 2017	Production Date: 31 OCT 2017
Reviewed By: CCW	Absolute Scale: 1:7,590	Project Reference Number: CESAC-PRA-0001
Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

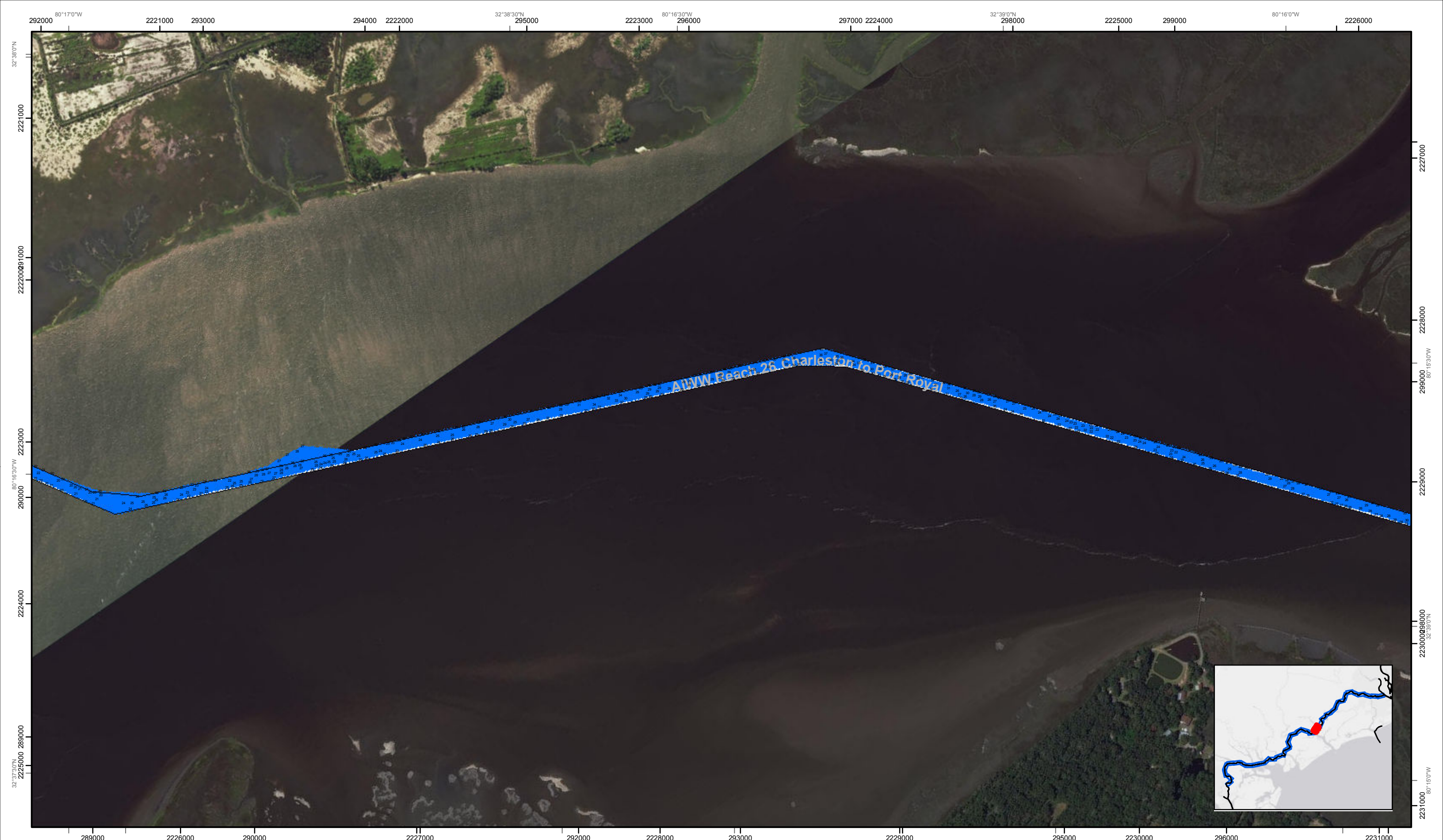
○ White
○ Yellow
○ USCG Light



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AIWW Reach 26 Charleston to Port Royal

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

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Designed By: eHydro Software v3.82	Survey Date: 27 SEP 2017	Production Date: 31 OCT 2017
SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL	Reviewed By: CCW	Absolute Scale: 1:7,590	Project Reference Number: CESAC-PRA-0001
	Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
	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
*+ indicates sounding above MLLW

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

USCG Light
● White
● Yellow
● USCG Light

Depth in feet
■ 0-3
■ 3 to 6
■ 6 to 9
■ 9 to 12
■ Greater Than 12

0 250 500 1,000 1,500 2,000 Feet

Production Notes:
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4. Raster Background: ArcGIS Online Image Basemap dated 2010 - 2011.

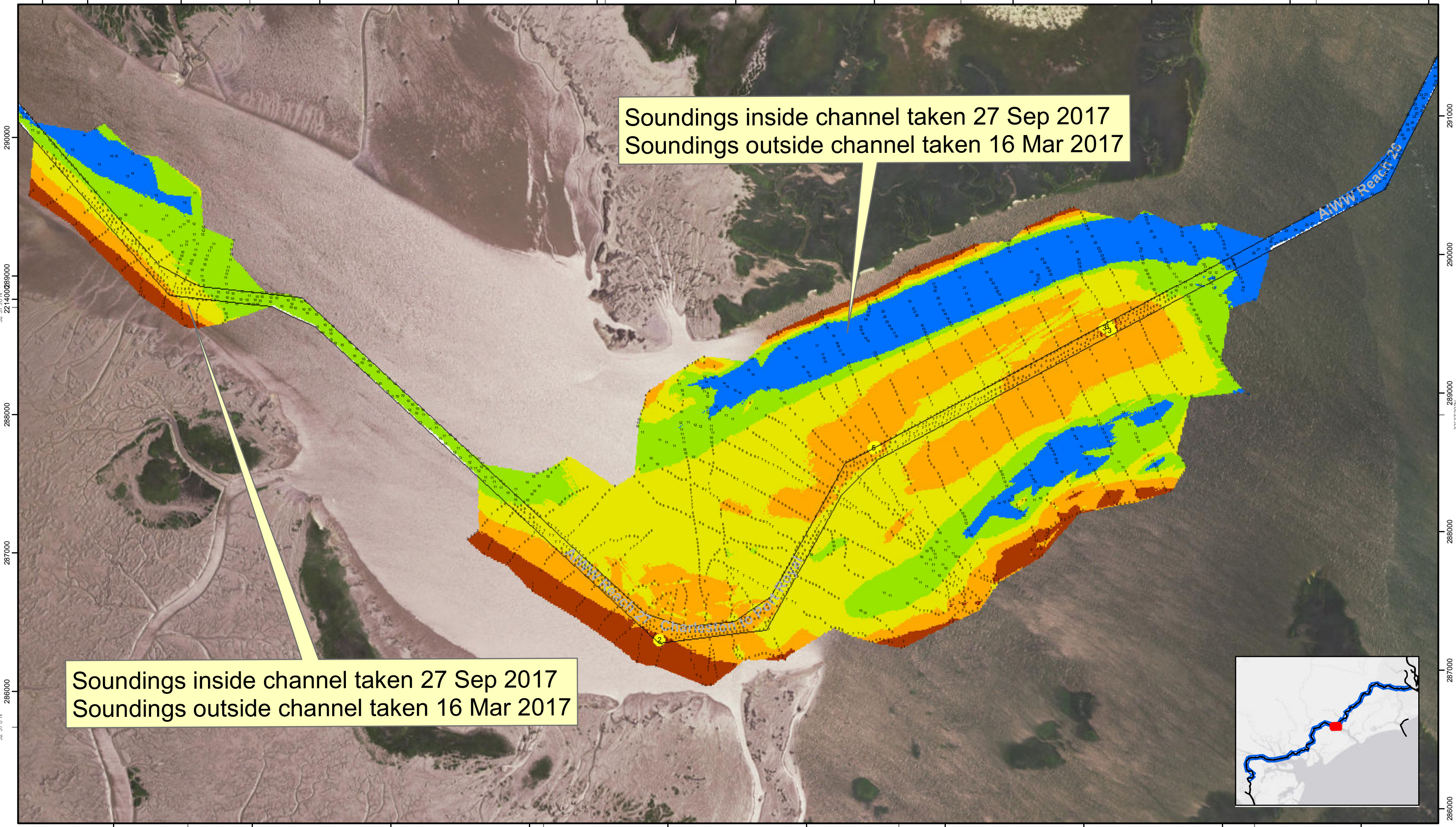
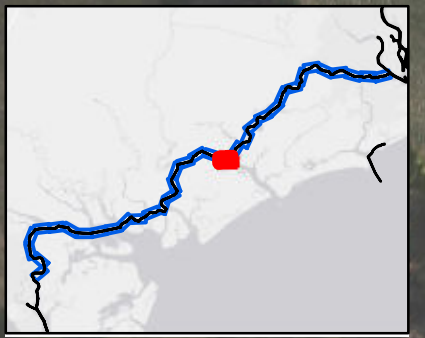
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U.S. Army Corps of Engineers
Charleston District

2214000 291000 2215000 80°18'0"W 2216000 2217000 80°17'30"W 2218000 2219000 2220000 80°17'0"W 2221000 2222000 80°16'30"W 2223000 2224000

Soundings inside channel taken 27 Sep 2017
 Soundings outside channel taken 16 Mar 2017

Soundings inside channel taken 27 Sep 2017
 Soundings outside channel taken 16 Mar 2017



SHEET REFERENCE NUMBER C003 Page 15 of 35	Atlantic Intercoastal 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: 27 SEP 2017 Charleston, SC to Port Royal, SC	Designed By: eHydro Software v3.82 Reviewed By: CCW Reference Scale: 1 inch = 633 feet Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet	Survey Date: 27 SEP 2017 Project Reference Number: CESAC-PRA-0001 Survey Type: [Type]	Production Date: 31 OCT 2017
	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Absolute Scale: 1:7,590	Survey Type: [Type]	
	SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL			

Shoalest Sounding Sounding may cover several point areas and is calculated per reach quarter area "+*" indicates sounding above MLLW	USCG Beacon Green White	USCG Buoy Green Red Coast Guard Racon	White Yellow USCG Light	Depth in feet 0-3 3 to 6 6 to 9 9 to 12 Greater Than 12	0 250 500 1,000 1,500 2,000 Feet
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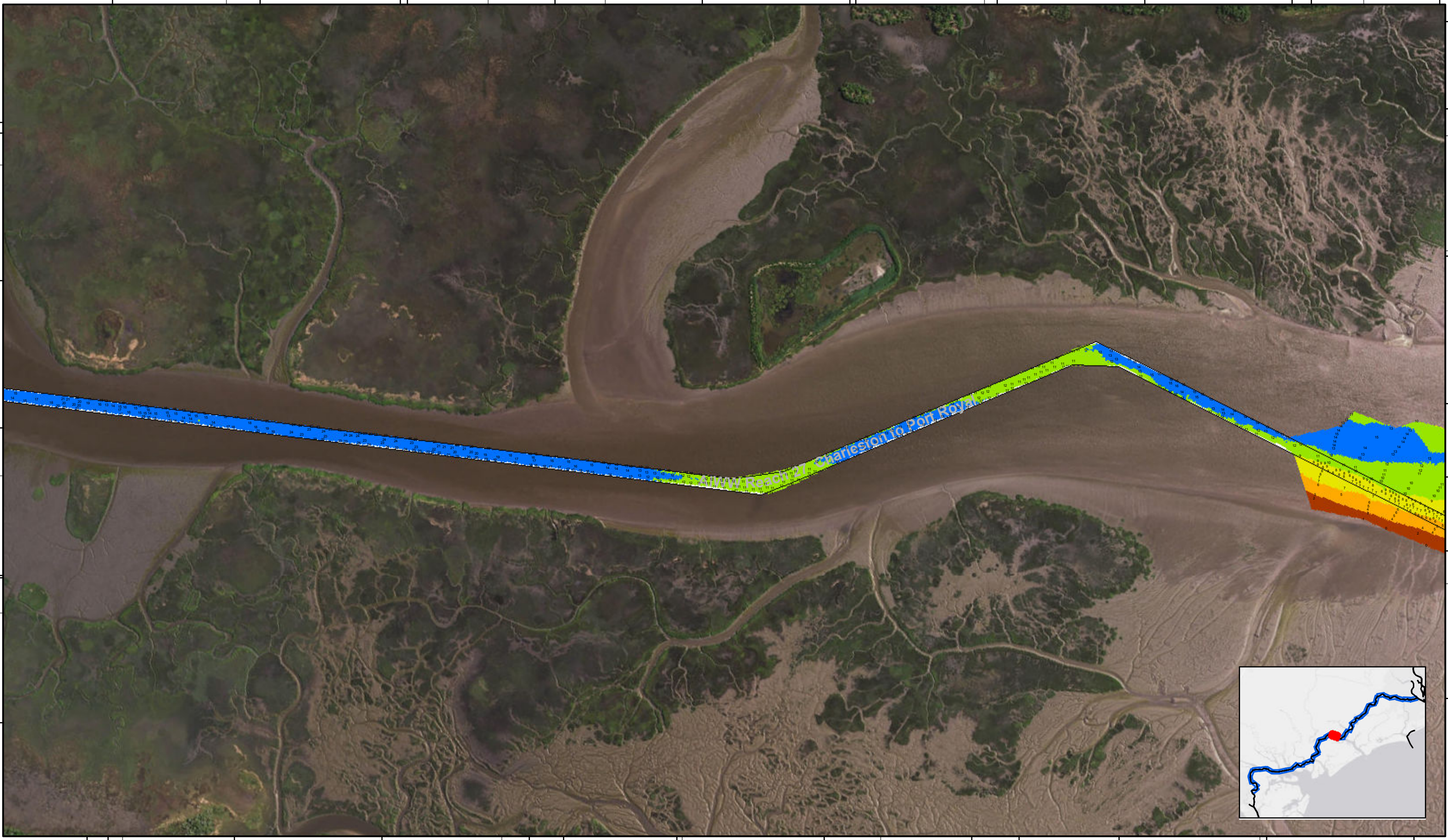
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U.S. Army Corps of Engineers
 Charleston District

2207000 80°19'30"W 2208000 2209000 32°38'30"N 2210000 80°19'0"W 2211000 2212000 80°18'30"W 2213000 2214000 2215000 80°18'0"W 2216000

2206000 32°38'30"N
294000
289000 80°20'0"W
2205000 32°38'0"N
291000

2216000 292000 32°38'0"N
290000 80°18'0"W
2215000 289000 32°37'30"N
288000



Atlantic Intercoastal 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: 27 SEP 2017 Charleston, SC to Port Royal, SC	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL	Designed By: eHydro Software v3.82 Reviewed By: CCW Reference Scale: 1 inch = 633 feet Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet	Survey Date: 27 SEP 2017 Project Reference Number: CESAC-PRA-0001 Survey Type: [Type]	Production Date: 31 OCT 2017
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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 *+ indicates sounding above MLLW	USCG Buoy ● Green ● Red ● Coast Guard Racon	● White ● Yellow ● USCG Light	Depth in feet ■ 0-3 ■ 3 to 6 ■ 6 to 9 ■ 9 to 12 ■ Greater Than 12 0 250 500 1,000 1,500 2,000 Feet
---	---	---	-------------------------------------	---

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C003
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2196000 32°38'0"N 292000 2197000 80°21'30"W 2198000 293000 2199000 80°21'0"W 2200000 294000 2201000 32°38'30"N 2202000 80°20'30"W 2203000 296000 296000 2204000



2199000 2200000 80°21'0"W 2201000 288000 2202000 80°20'30"W 2203000 289000 2204000 2205000 80°20'0"W 2206000 291000 2207000 287000 2198000 288000 32°37'30"N 2197000 32°37'00"N 2196000 290000 291000 80°21'30"W 289000 292000 293000 32°36'30"N 294000 295000 296000 297000 298000 299000 300000 301000 302000 303000 304000 305000 306000 307000 308000 309000 310000 311000 312000 313000 314000 315000 316000 317000 318000 319000 320000 321000 322000 323000 324000 325000 326000 327000 328000 329000 330000 331000 332000 333000 334000 335000 336000 337000 338000 339000 340000 341000 342000 343000 344000 345000 346000 347000 348000 349000 350000 351000 352000 353000 354000 355000 356000 357000 358000 359000 360000 361000 362000 363000 364000 365000 366000 367000 368000 369000 370000 371000 372000 373000 374000 375000 376000 377000 378000 379000 380000 381000 382000 383000 384000 385000 386000 387000 388000 389000 390000 391000 392000 393000 394000 395000 396000 397000 398000 399000 400000

SHEET REFERENCE NUMBER C003 Page 17 of 35

Atlantic Intercoastal Waterway (AIWW) Channel Survey
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 Concluded on: **27 SEP 2017**
 Charleston, SC to Port Royal, SC

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

Designed By: eHydro Software v3.82	Survey Date: 27 SEP 2017	Production Date: 31 OCT 2017
Reviewed By: CCW	Absolute Scale: 1:7,590	Project Reference Number: CESAC-PRA-0001
Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
 Green
 Red
 White

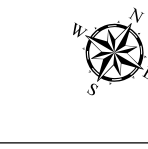
USCG Buoy
 Green
 Red
 Coast Guard Racon

White
 Yellow
 USCG Light

Depth in feet

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

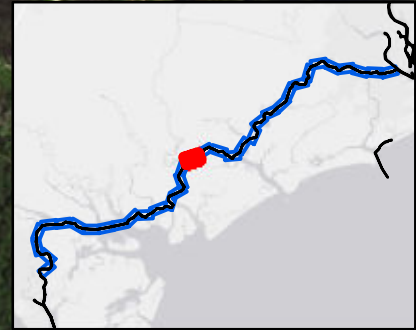
0 250 500 1,000 1,500 2,000 Feet



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**Atlantic Intercoastal Waterway (AIWW)
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CHARLESTON, SOUTH CAROLINA

SPATIAL DATA BRANCH
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CESAC-GIS@USACE.ARMY.MIL

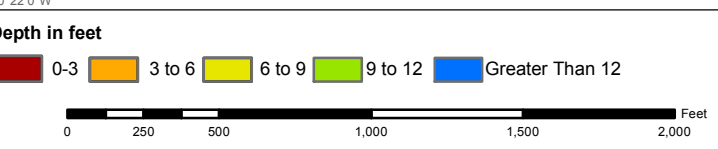
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Reviewed By: CCW	Absolute Scale: 1:7,590	Project Reference Number: CESAC-PRA-0001
Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light



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278000 279000 2184000 280000 281000 80°24'0"W 2185000 32°36'30"N 283000 284000 2186000 285000 32°37'0"N 286000

2184000
80°24'0"W
2185000
32°35'30"N

2186000

276000

2187000
80°23'30"W

2188000

2187000
80°23'30"W

2188000

2189000

2190000
80°23'0"W

2191000

2192000

2189000 32°35'30"N 277000 278000 80°23'0"W 2190000 279000 32°36'0"N 280000 2191000 282000 32°36'30"N 283000 2192000 284000

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REFERENCE
NUMBER
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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**
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Designed By: eHydro Software v3.82	Survey Date: 27 SEP 2017	Production Date: 31 OCT 2017
Reviewed By: CCW	Absolute Scale: 1:7,590	Project Reference Number: CESAC-PRA-0001
Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
Green
Red
White

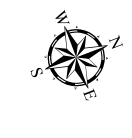
USCG Buoy
Green
Red
Coast Guard Racon

White
Yellow
USCG Light

Depth in feet

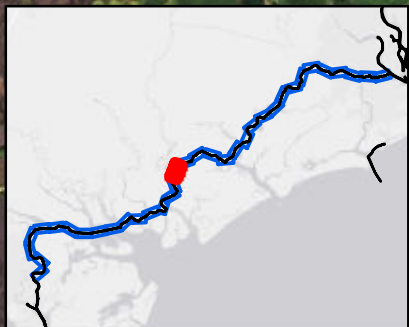
0-3 3 to 6 6 to 9 9 to 12 Greater Than 12

0 250 500 1,000 1,500 2,000 Feet



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Designed By: eHydro Software v3.82	Survey Date: 27 SEP 2017	Production Date: 31 OCT 2017
Reviewed By: CCW	Absolute Scale: 1:7,590	Project Reference Number: CESAC-PRA-0001
Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
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
*+ indicates sounding above MLLW

USCG Beacon
■ Green
▲ Red
□ White

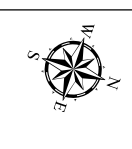
USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

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

0 250 500 1,000 1,500 2,000 Feet



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2179000 80°25'0"W 2180000 266000 2181000 2182000 267000 80°24'30"W 32°34'0"N 2183000 268000 2184000 80°24'0"W 2185000 269000 2186000 2187000 80°23'30"N



260000 80°24'30"W 2183000 261000 2184000 32°33'0"N 2185000 262000 2186000 80°24'0"W 2187000 263000 2188000 80°23'30"N 2189000 264000 2190000 265000 80°23'0"W

Atlantic Intercoastal Waterway (AIWW) Channel Survey
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 Concluded on: 27 SEP 2017
 Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Designed By: eHydro Software v3.82	Survey Date: 27 SEP 2017	Production Date: 31 OCT 2017
SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL	Reviewed By: CCW	Absolute Scale: 1:7,590	Project Reference Number: CESAC-PRA-0001
	Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
	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
 *+ indicates sounding above MLLW

USCG Beacon
 ● Green
 ▲ Red
 □ White

USCG Buoy
 ● Green
 ● Red
 ● Coast Guard Racon

USCG Light
 ● White
 ● Yellow

Depth in feet

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

0 250 500 1,000 1,500 2,000 Feet

Production Notes:

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32°32'0"N 2176000 256000 257000 258000 32°32'30"N 2177000 259000 80°25'30"W 260000 261000 32°33'0"N 2178000 262000 263000 264000 32°33'30"N 2179000



2181000 2180000 2540000 2179000 2178000 2177000 2550000 2176000

254000 2182000 32°32'0"N 256000 80°24'30"W 257000 2183000 32°32'30"N 259000 260000 261000 32°33'0"N 2178000 262000 263000 264000 32°33'30"N 2184000 2650000

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

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

Designed By: eHydro Software v3.82
Reviewed By: CCW
Reference Scale: 1 inch = 633 feet
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet

Survey Date: 27 SEP 2017
Production Date: 31 OCT 2017
Project Reference Number: CESAC-PRA-0001
Survey Type: [Type]

Atlantic Intercoastal Waterway (AIWW) Channel Survey
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Concluded on: 27 SEP 2017
Charleston, SC to Port Royal, SC

SHEET REFERENCE NUMBER C003
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Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
"±" indicates sounding above MLLW

USCG Beacon
Green
Red
White

USCG Buoy
Green
Red
Coast Guard Racon

White
Yellow
USCG Light

Depth in feet
0-3
3 to 6
6 to 9
9 to 12
Greater Than 12

0 250 500 1,000 1,500 2,000 Feet

Production Notes:
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U.S. Army Corps of Engineers
Charleston District

2181000 2180000 2540000 2179000 2178000 2177000 2550000 2176000

254000 2182000 32°32'0"N 256000 80°24'30"W 257000 2183000 32°32'30"N 259000 260000 261000 32°33'0"N 2178000 262000 263000 264000 32°33'30"N 2184000 2650000



SHEET REFERENCE NUMBER
C003
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Atlantic Intercoastal Waterway (AIWW) Channel Survey
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Concluded on: **27 SEP 2017**
Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Designed By: eHydro Software v3.82	Survey Date: 27 SEP 2017	Production Date: 31 OCT 2017
SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL	Reviewed By: CCW	Absolute Scale: 1:7,590	Project Reference Number: CESAC-PRA-0001
	Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
	Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
Green
Red
White

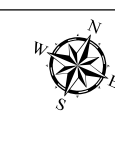
USCG Buoy
Green
Red
Coast Guard Racon

USCG Light
White
Yellow

Depth in feet

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

0 250 500 1,000 1,500 2,000 Feet



Production Notes:

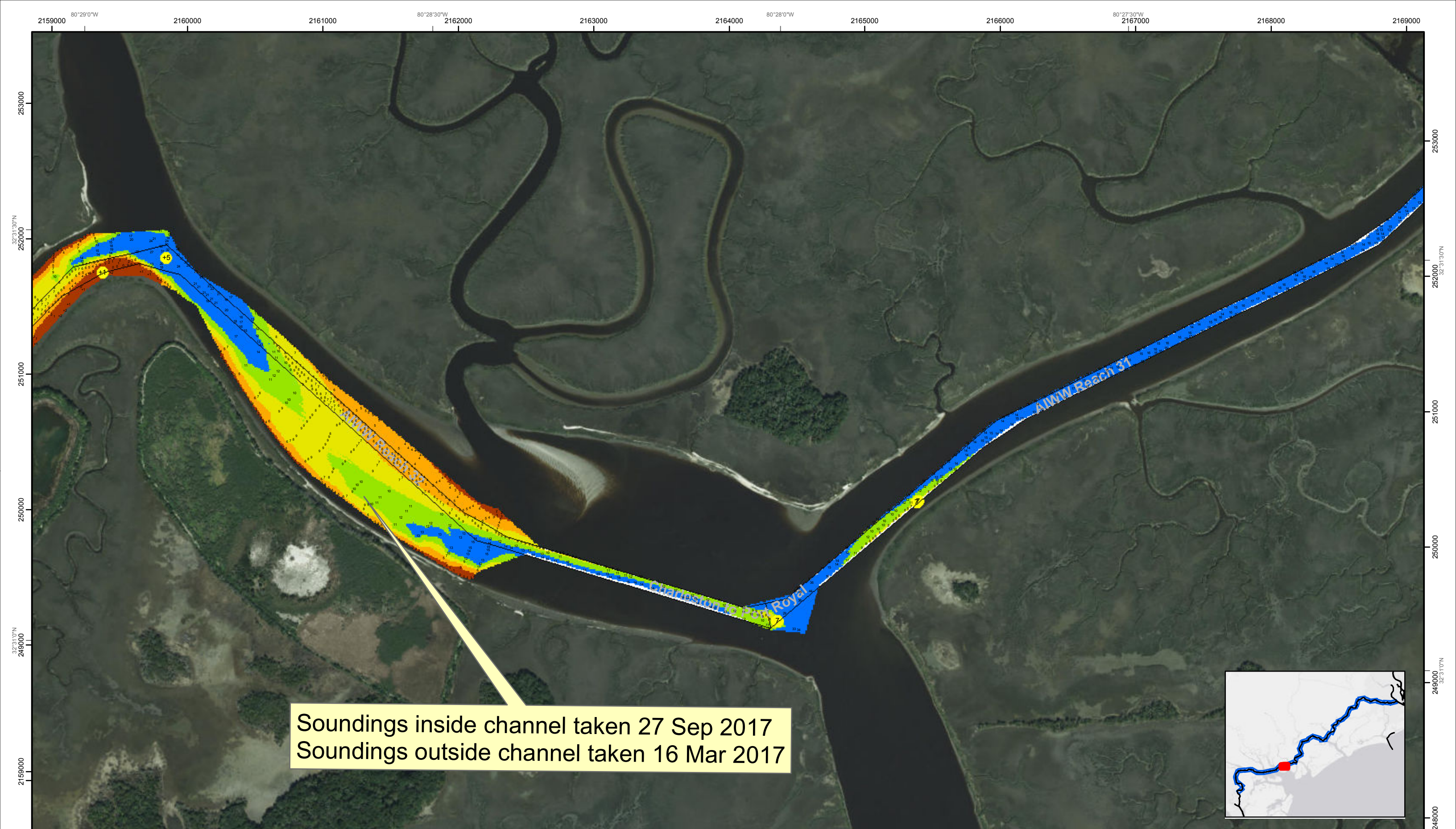
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Soundings inside channel taken 27 Sep 2017
 Soundings outside channel taken 16 Mar 2017



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 Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Designed By: eHydro Software v3.82	Survey Date: 27 SEP 2017	Production Date: 31 OCT 2017
SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL	Reviewed By: CCW	Absolute Scale: 1:7,590	Project Reference Number: CESAC-PRA-0001
	Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
	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
 *+ indicates sounding above MLLW

USCG Beacon
 ● Green
 ▲ Red
 □ White

USCG Buoy
 ● Green
 ● Red
 ● Coast Guard Racon

USCG Light
 ● White
 ● Yellow
 ● USCG Light

Depth in feet
 ● 0-3
 ● 3 to 6
 ● 6 to 9
 ● 9 to 12
 ● Greater Than 12

0 250 500 1,000 1,500 2,000 Feet

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

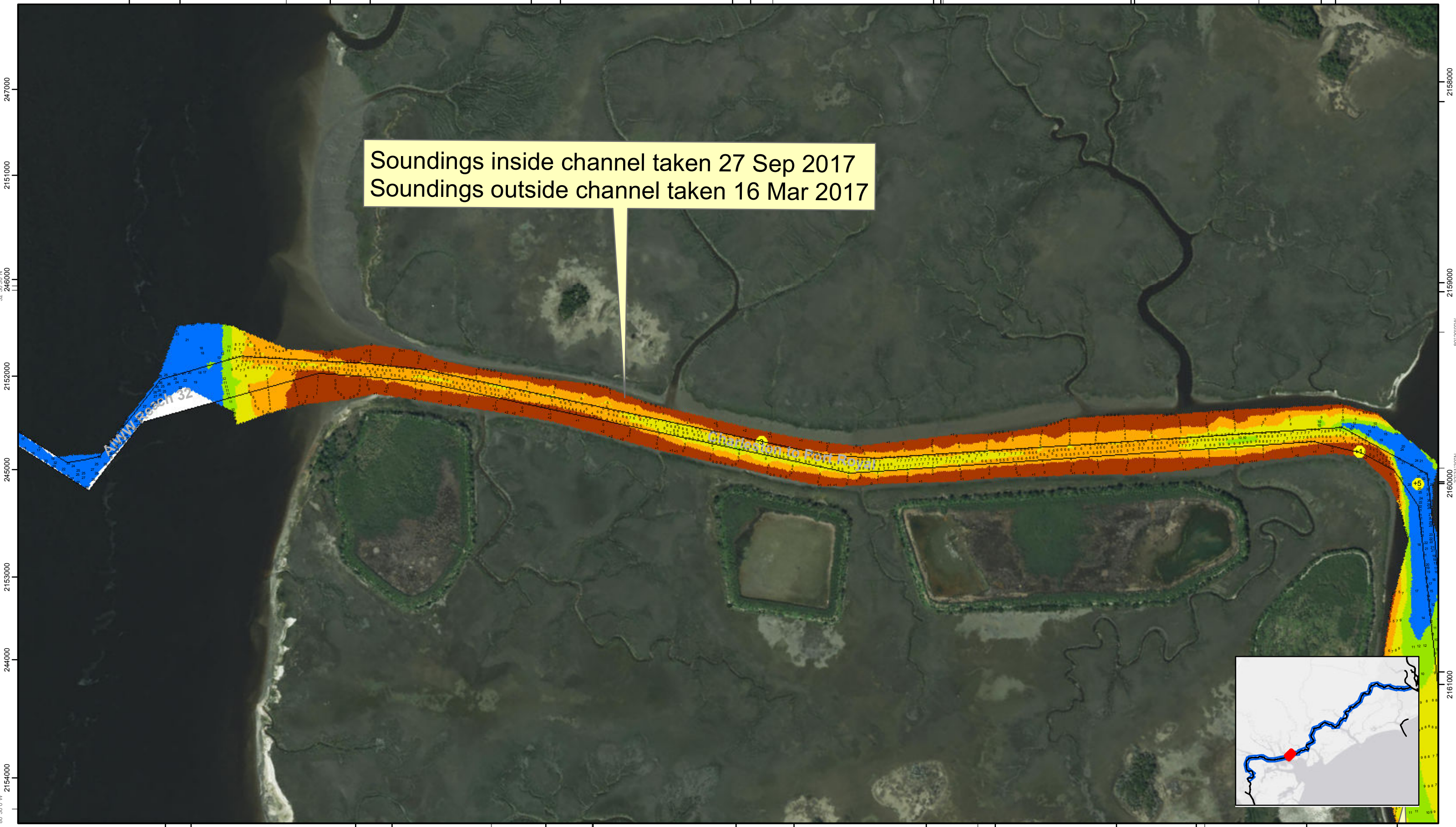
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U.S. Army Corps of Engineers
 Charleston District

SHEET REFERENCE NUMBER
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248000 2151000 80°30'30"W 32°31'07"N 249000 2152000 250000 2153000 2154000 80°30'0"W 32°31'30"N 2155000 2156000 80°29'30"W 2157000

Soundings inside channel taken 27 Sep 2017
 Soundings outside channel taken 16 Mar 2017



SHEET REFERENCE NUMBER
 C003
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Atlantic Intercoastal Waterway (AIWW) Channel Survey
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 Concluded on: **27 SEP 2017**
 Charleston, SC to Port Royal, SC

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Designed By: eHydro Software v3.82	Survey Date: 27 SEP 2017	Production Date: 31 OCT 2017
SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL	Reviewed By: CCW	Absolute Scale: 1:7,590	Project Reference Number: CESAC-PRA-0001
	Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
	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
 "+." indicates sounding above MLLW

USCG Beacon
 ● Green
 ● Red
 □ White

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

Depth in feet
 ● White
 ● Yellow
 ● 0-3
 ● 3 to 6
 ● 6 to 9
 ● 9 to 12
 ● Greater Than 12

0 250 500 1,000 1,500 2,000 Feet

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2143000 80°32'0"W 2144000 2145000 2146000 2147000 2148000 2149000 2150000 2151000 248000 80°30'30"W 2152000



2144000 2145000 2146000 80°31'30"W 2147000 2148000 2149000 80°31'0"W 2150000 2151000 242000 80°30'30"W 2152000 243000 32°30'0"N 244000 245000 246000 32°30'30"N

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

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

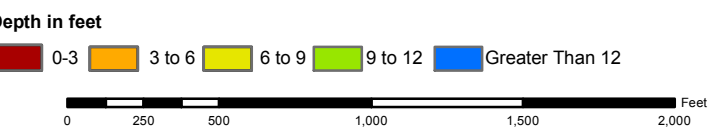
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Reviewed By: CCW	Absolute Scale: 1:7,590	Project Reference Number: CESAC-PRA-0001
Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

Shoalest Sounding
Sounding may cover several point areas and is calculated per reach quarter area
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USCG Beacon
Green
Red
White

USCG Buoy
Green
Red
Coast Guard Racon

USCG Light
White
Yellow



Production Notes:
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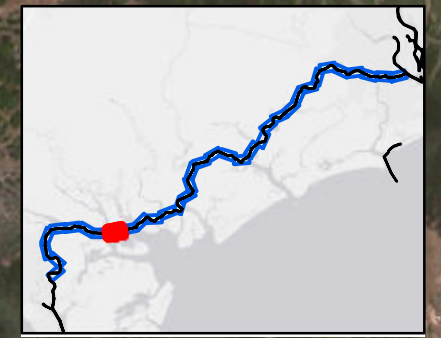
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244000
243000
242000
241000
240000
239000

246000
2144000
244000
243000
242000
241000



AIWW Reach 33 Charleston to Port Royal



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

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

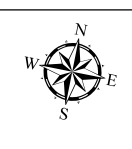
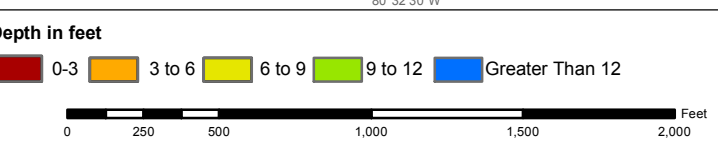
Designed By: eHydro Software v3.82	Survey Date: 27 SEP 2017	Production Date: 31 OCT 2017
Reviewed By: CCW	Absolute Scale: 1:7,590	Project Reference Number: CESAC-PRA-0001
Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
■ Green
▲ Red

USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light



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2125000 2126000 2127000 2128000 2129000 2130000 2131000 2132000 2133000 2134000 2135000



2125000 2126000 2127000 2128000 2129000 2130000 2131000 2132000 2133000 2134000 2135000

SHEET
REFERENCE
NUMBER
C003
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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**
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Charleston, SC to Port Royal, SC

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

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

Designed By: eHydro Software v3.82	Survey Date: 27 SEP 2017	Production Date: 31 OCT 2017
Reviewed By: CCW	Absolute Scale: 1:7,590	Project Reference Number: CESAC-PRA-0001
Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

Shoalest Sounding
● Sounding
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USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

● White
● Yellow
● USCG Light

Depth in feet

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

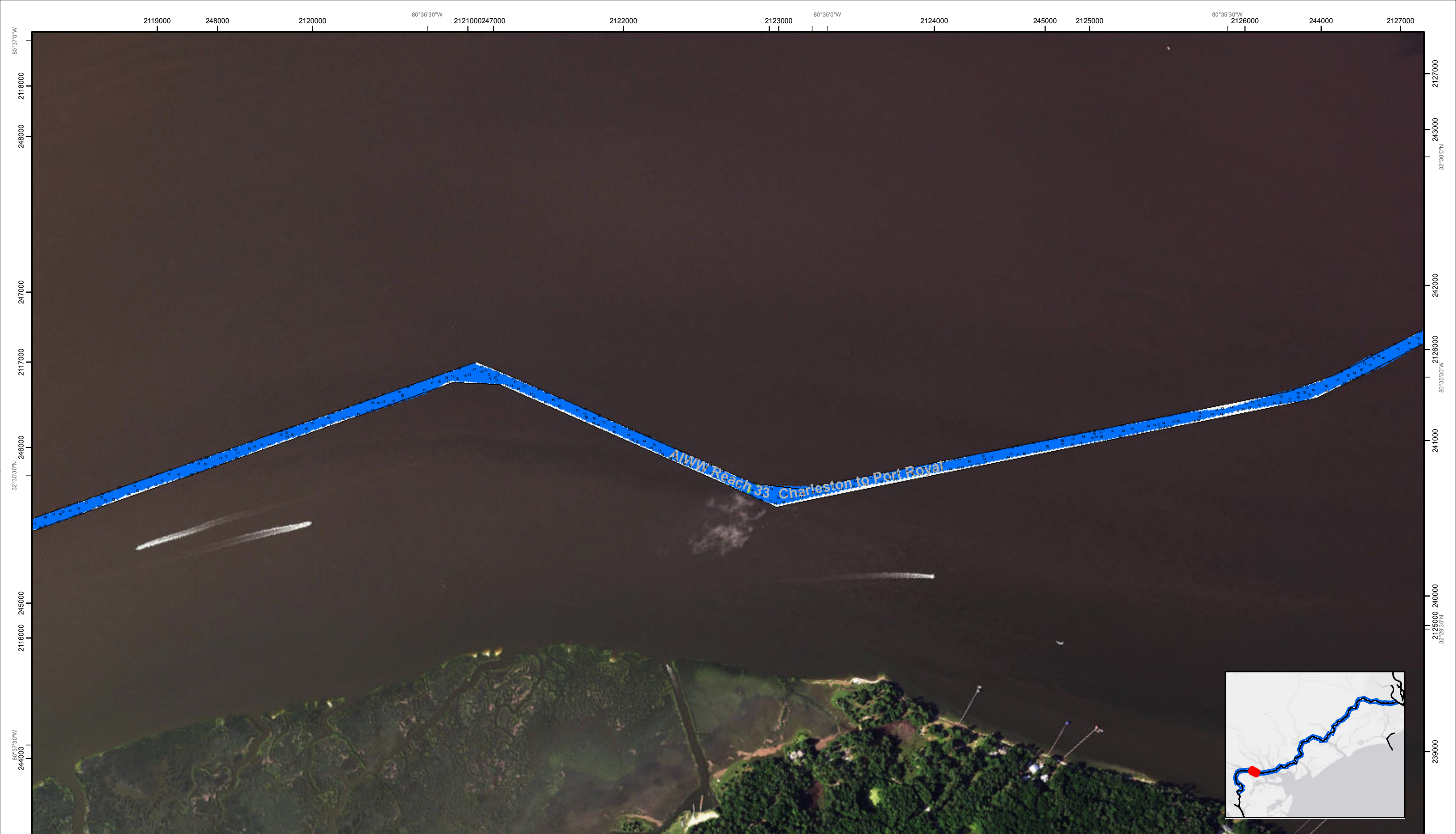
0 250 500 1,000 1,500 2,000 Feet



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SHEET
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Atlantic Intercoastal Waterway (AIWW) Channel Survey
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Charleston, SC to Port Royal, SC

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

Designed By: eHydro Software v3.82	Survey Date: 27 SEP 2017	Production Date: 31 OCT 2017
Reviewed By: CCW	Absolute Scale: 1:7,590	Project Reference Number: CESAC-PRA-0001
Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

Shoalest Sounding
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USCG Beacon
Green
Red
White

USCG Buoy
Green
Red
Coast Guard Racon

White
Yellow
USCG Light

Depth in feet

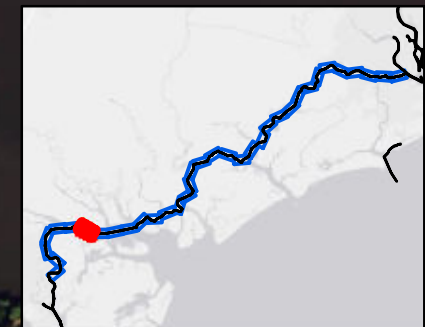
0-3	3 to 6	6 to 9	9 to 12	Greater Than 12
-----	--------	--------	---------	-----------------

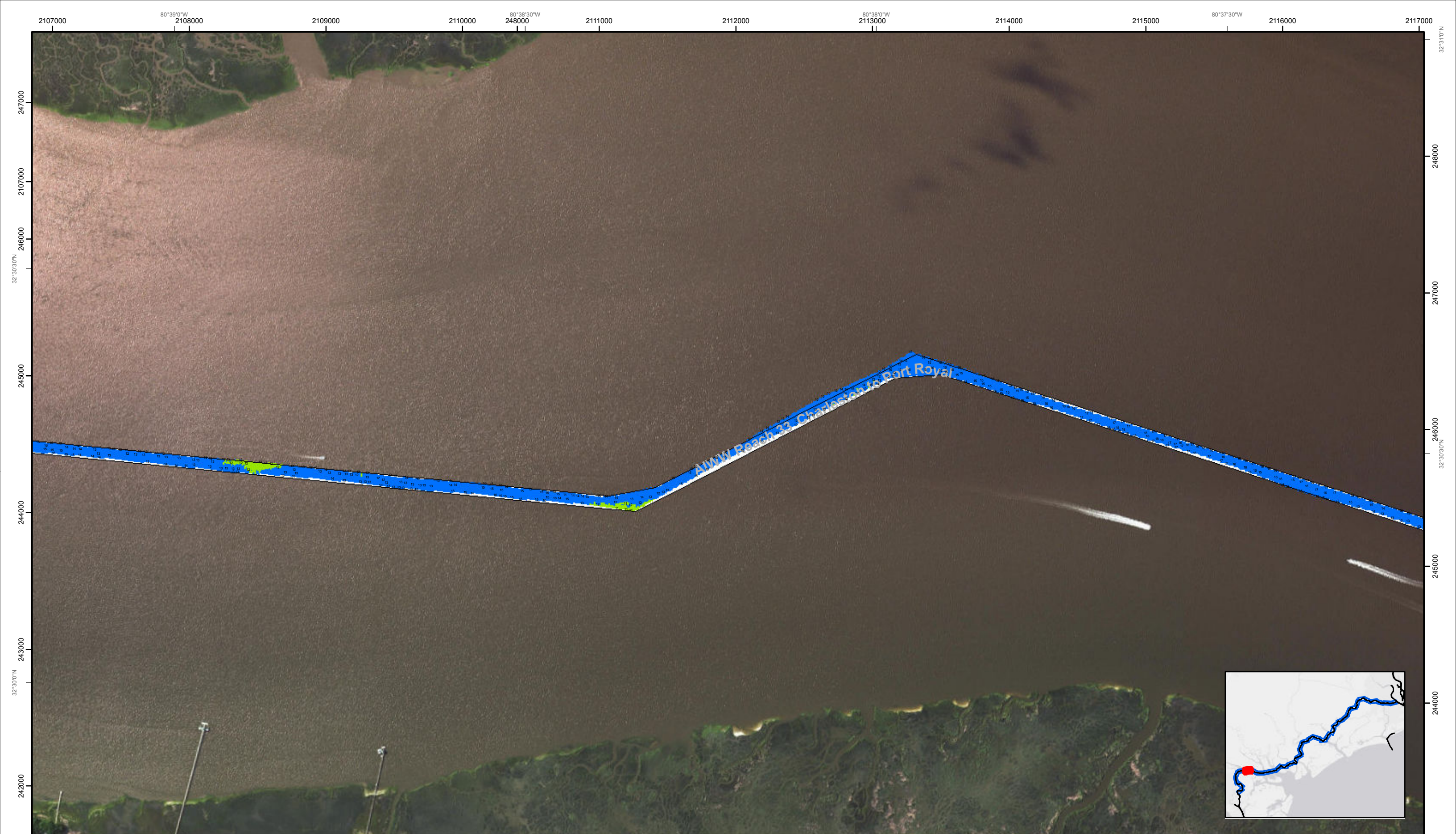
0 250 500 1,000 1,500 2,000 Feet



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SHEET
REFERENCE
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C003
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Atlantic Intercoastal Waterway (AIWW) Channel Survey
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CHARLESTON, SC 29403
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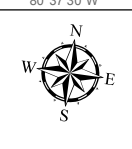
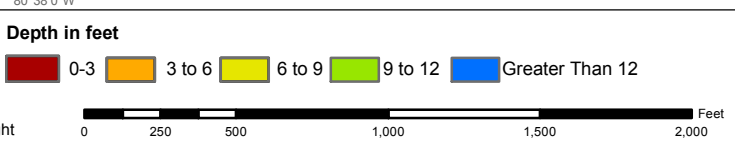
Designed By: eHydro Software v3.82	Survey Date: 27 SEP 2017	Production Date: 31 OCT 2017
Reviewed By: CCW	Absolute Scale: 1:7,590	Project Reference Number: CESAC-PRA-0001
Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

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

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

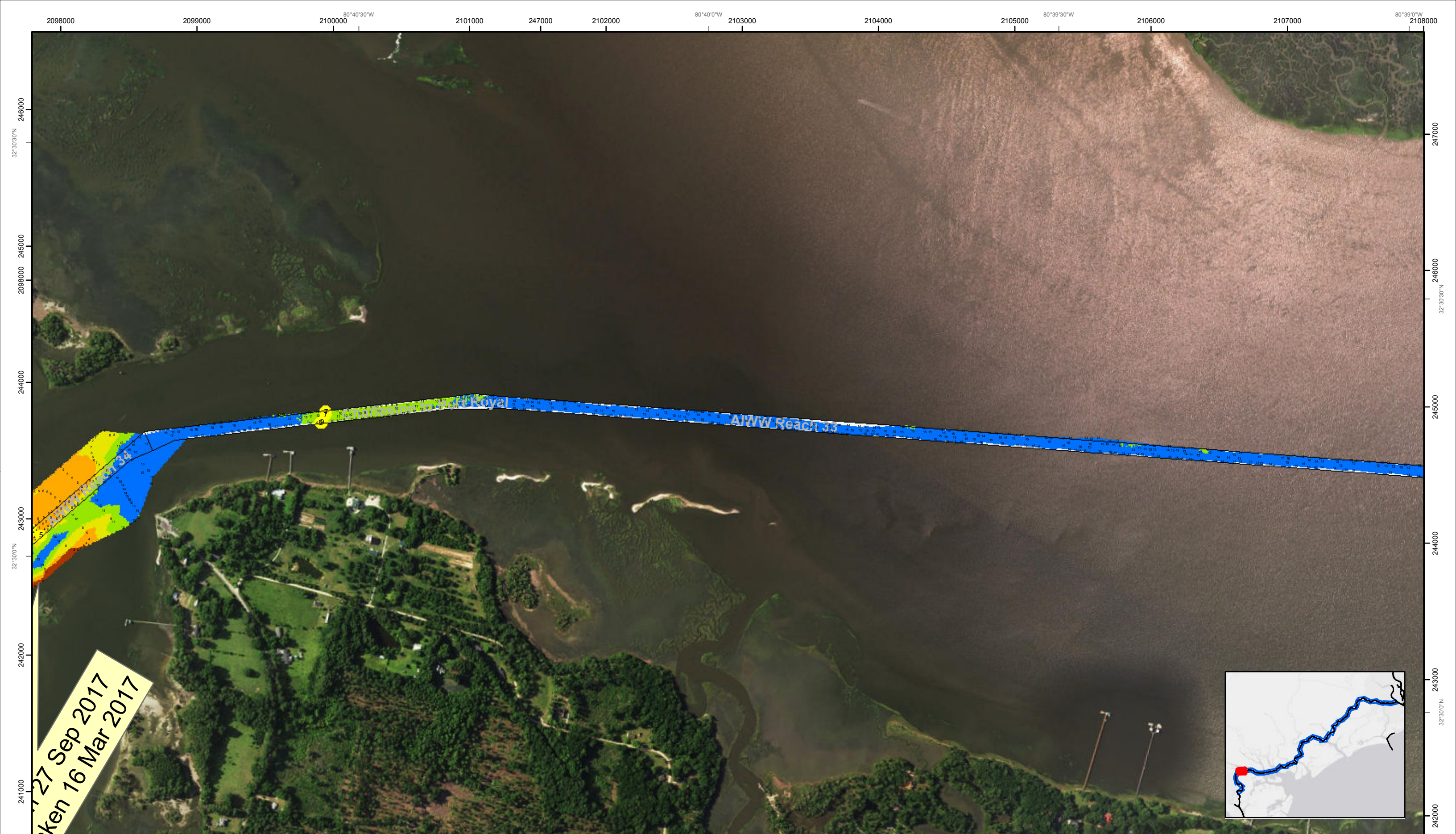
○ White
○ Yellow
○ USCG Light



Production Notes:
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27 Sep 2017
16 Mar 2017

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NUMBER
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**Atlantic Intercoastal Waterway (AIWW)
Channel Survey**
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Concluded on: **27 SEP 2017**
Charleston, SC to Port Royal, SC

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

Designed By: eHydro Software v3.82	Survey Date: 27 SEP 2017	Production Date: 31 OCT 2017
Reviewed By: CCW	Absolute Scale: 1:7,590	Project Reference Number: CESAC-PRA-0001
Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
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
*+ indicates sounding above MLLW

USCG Beacon
■ Green
▲ Red

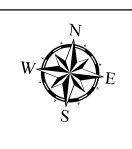
USCG Buoy
● Green
● Red
● Coast Guard Racon

○ White
○ Yellow
○ USCG Light

Depth in feet

0-3	3 to 6	6 to 9	9 to 12	Greater Than 12
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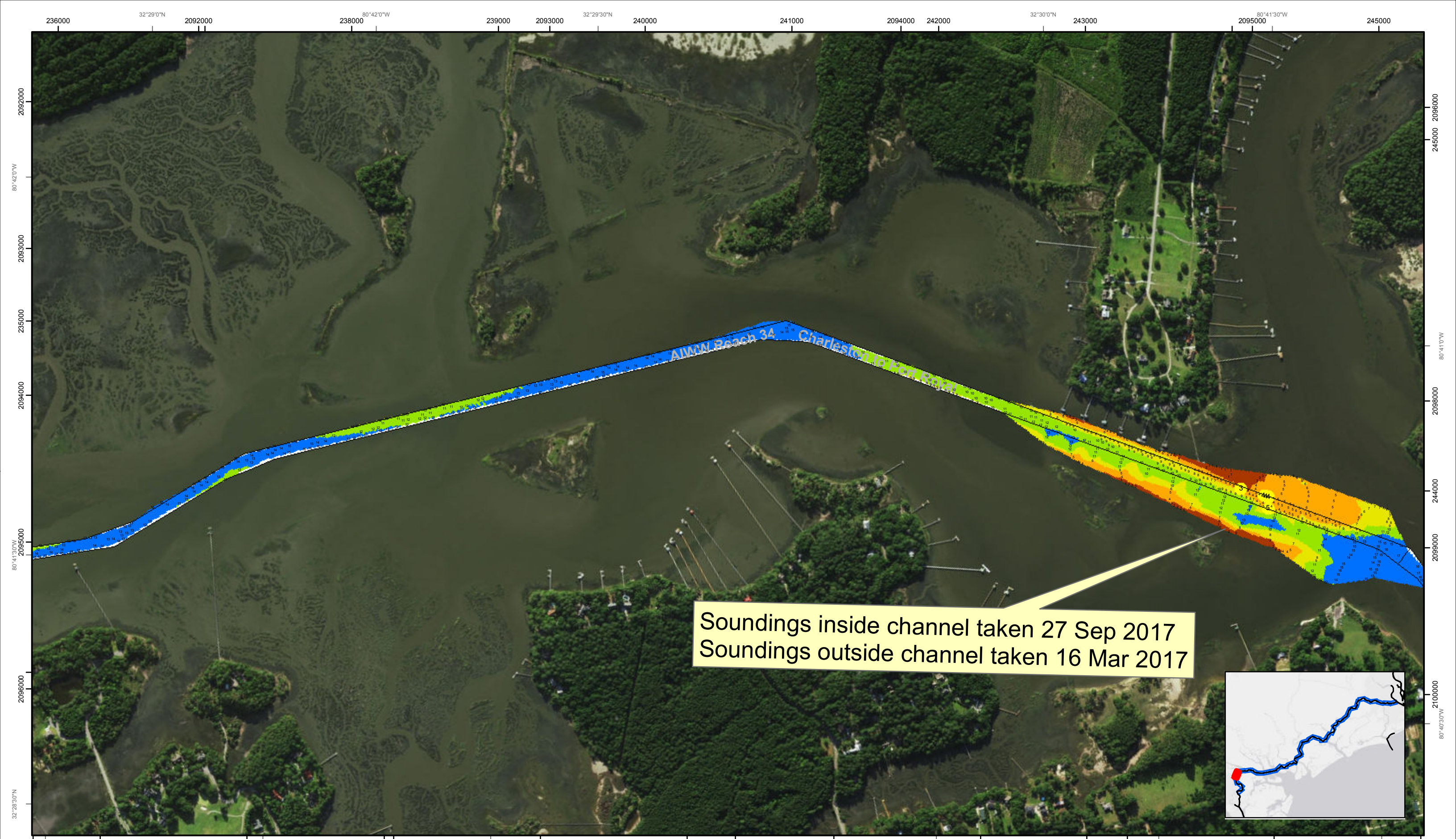
0 250 500 1,000 1,500 2,000 Feet



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

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Soundings inside channel taken 27 Sep 2017
 Soundings outside channel taken 16 Mar 2017

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 REFERENCE
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**Atlantic Intercoastal Waterway (AIWW)
 Channel Survey**
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Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
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*
 *+ 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 to 6	6 to 9	9 to 12	Greater Than 12
-----	--------	--------	---------	-----------------

0 250 500 1,000 1,500 2,000 Feet



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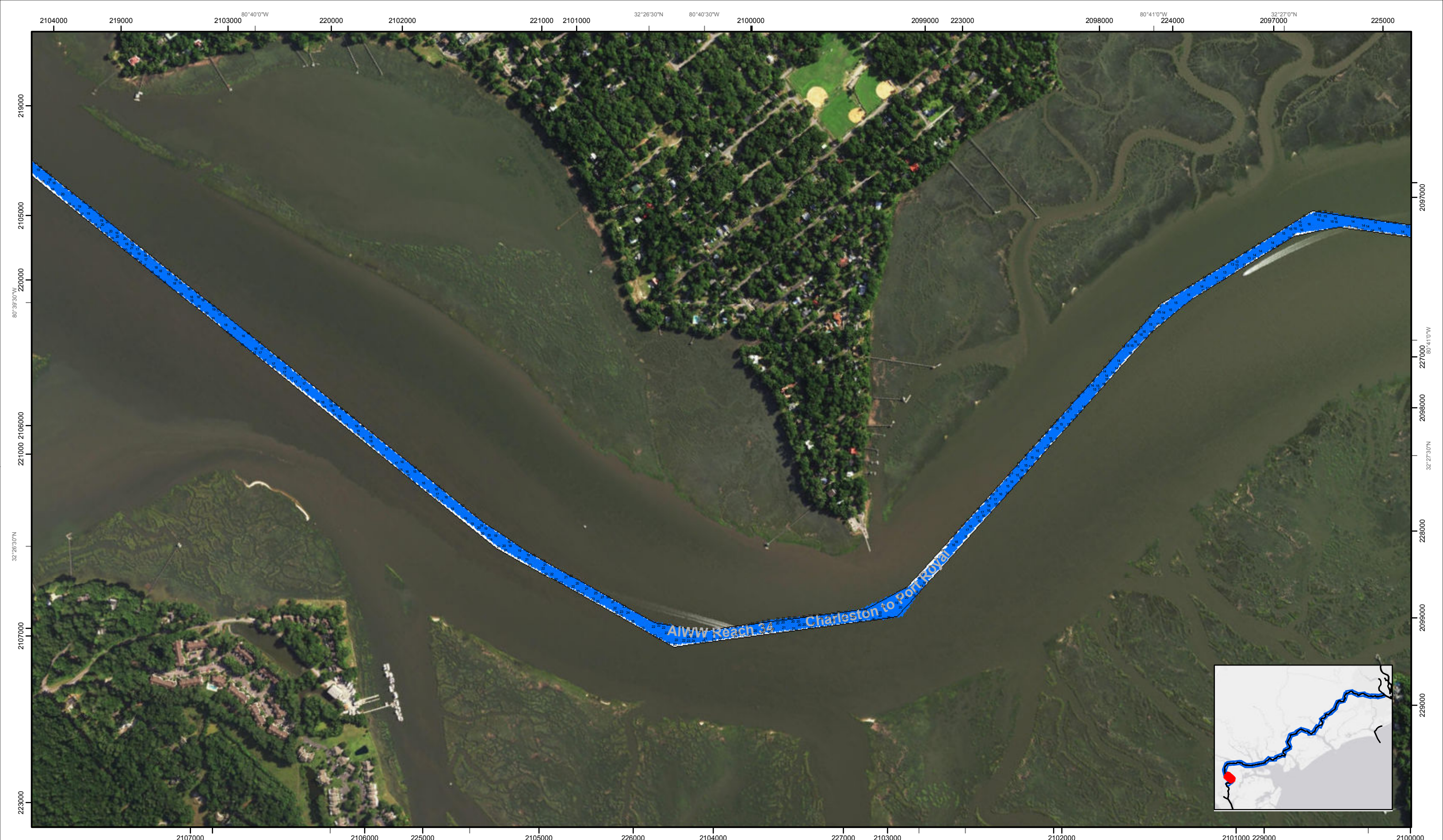
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32°27'0"N 225000 2094000 226000 227000 32°27'30"N 228000 229000 2293000 230000 32°28'0"N 231000 232000 233000 2092000 32°28'30"N 234000



SHEET REFERENCE NUMBER C003 Page 33 of 35	Atlantic Intercoastal 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: 27 SEP 2017 Charleston, SC to Port Royal, SC	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL	Designed By: eHydro Software v3.82 Reviewed By: CCW Reference Scale: 1 inch = 633 feet Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet	Survey Date: 27 SEP 2017 Project Reference Number: CESAC-PRA-0001 Survey Type: [Type]	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 to 6 6 to 9 9 to 12 Greater Than 12	0 250 500 1,000 1,500 2,000 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: ArcGIS Online Image Basemap dated 2010 - 2011. 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 databases 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.	U.S. Army Corps of Engineers Charleston District
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NUMBER
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Channel Survey**
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Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

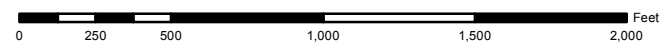
Shoalest Sounding
● Sounding
Sounding may cover several point areas and is calculated per reach quarter area
*+ indicates sounding above MLLW

USCG Beacon
■ Green
▲ Red
□ White

USCG Buoy
● Green
● Red
● Coast Guard Racon

White
● White
Yellow
● Yellow
USCG Light
● USCG Light

Depth in feet
■ 0-3 ■ 3 to 6 ■ 6 to 9 ■ 9 to 12 ■ Greater Than 12

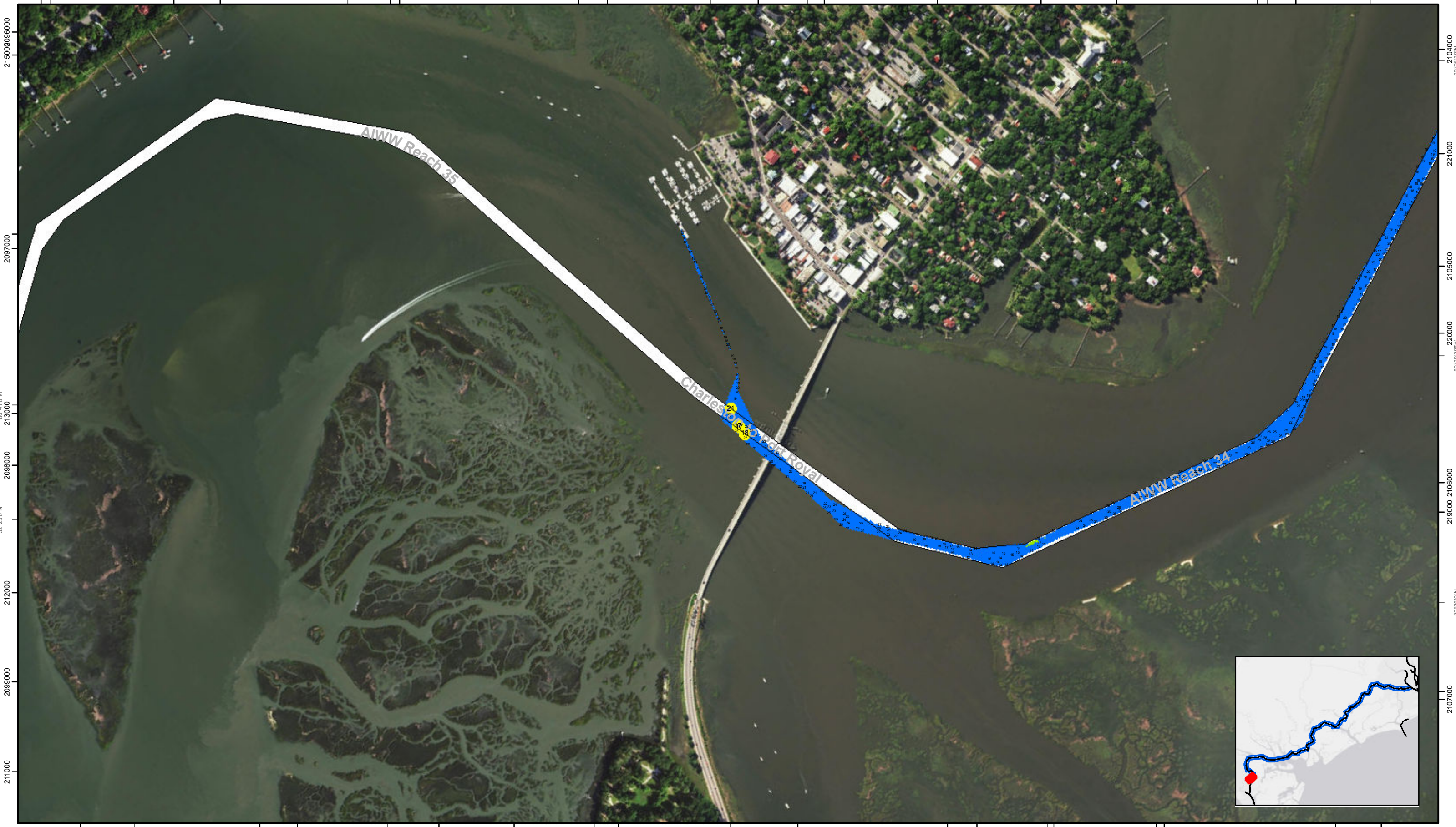


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32°25'30"N 2096000 216000 2097000 80°41'0"W 2098000 2099000 218000 32°26'0"N 2100000 80°40'30"W 219000 2101000 220000 2102000 80°40'0"W 221000 2103000 32°26'30"N



Atlantic Intercoastal Waterway (AIWW) Channel Survey
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U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Designed By: eHydro Software v3.82	Survey Date: 27 SEP 2017	Production Date: 31 OCT 2017
SPATIAL DATA BRANCH 69A HAGOOD AVE CHARLESTON, SC 29403 CESAC-GIS@USACE.ARMY.MIL	Reviewed By: CCW	Absolute Scale: 1:7,590	Project Reference Number: CESAC-PRA-0001
	Reference Scale: 1 inch = 633 feet	Survey Type: [Type]	
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USCG Beacon
 Green
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USCG Buoy
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Depth in feet
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0 250 500 1,000 1,500 2,000 Feet

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U.S. Army Corps of Engineers
 Charleston District



210000 80°40'30"W 2101000 212000 32°25'0"N 2102000 213000 80°40'0"W 214000 214000 215000 2105000 80°39'30"W 2106000 2107000