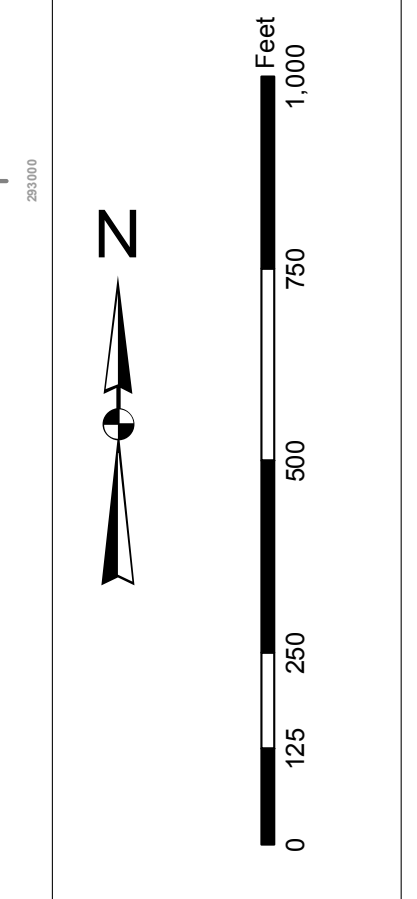


In the event that the U.S. Army Corps of Engineers, Charleston District Office, Special Data Search is made to find, correct, or delete any data on this map, the user is advised that the user is responsible for any errors or omissions that may result from such a search. The user is advised that the user is responsible for any errors or omissions that may result from such a search. The user is advised that the user is responsible for any errors or omissions that may result from such a search.

**Production Notes:**  
1. This map is a preliminary map.  
2. This map is not to be used for navigation.  
3. This map is not to be used for navigation.  
4. This map is not to be used for navigation.



**Legend**

**Shaded Areas:**  
 - Light Purple: Pilot Area "A"  
 - Dark Purple: [Unlabeled]

**Channel Lines:**  
 - Red: [Unlabeled]  
 - Green: [Unlabeled]  
 - Blue: [Unlabeled]

**Other Symbols:**  
 - Black dashed line: [Unlabeled]  
 - Black solid line: [Unlabeled]  
 - Black dotted line: [Unlabeled]

U.S. Army Corps of Engineers Charleston District Charleston, South Carolina	Designed by: Hydro Software v3.02	Design Date: 12 Mar 2015	Creation Date: 12 Mar 2015
Charleston District Charleston, South Carolina	Reviewed by: T. 13,000	Project Reference Number: [Unlabeled]	Project Reference Number: [Unlabeled]
Charleston District Charleston, South Carolina	Reference scale: 1 inch = 250 feet	Survey Type: Combined Single-Beam Condition	Survey Type: Combined Single-Beam Condition
Charleston District Charleston, South Carolina	Projection: NAD 1983 StatePlane South Carolina FIPS 3600 Feet Int		

**Charleston Entrance Channel Survey**  
The information depicted on this map represents the results of surveys made on the dates indicated and is not to be used for navigation. The user is advised that the user is responsible for any errors or omissions that may result from such a search.

Concluded on: 09 March 2015  
Charleston, South Carolina

R "2"  
FIR 2.5s S Sh

49

Pilot Area "A"

G "1"  
FIG 2.5s

45

54

Fort Sumter Reach

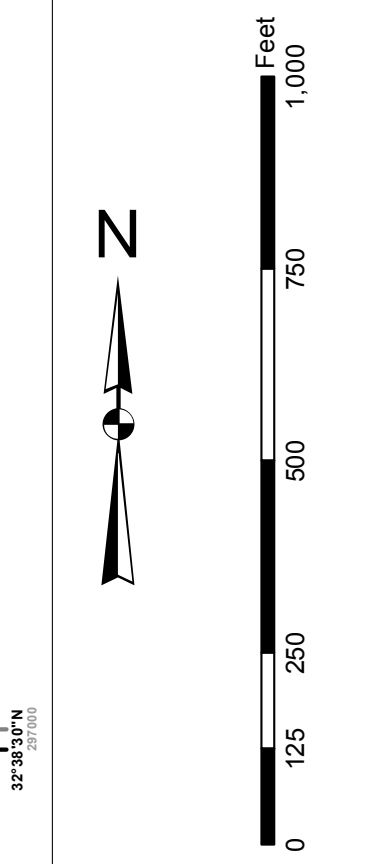
47

RL  
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In the event that the U.S. Army Corps of Engineers, Charleston District Office, Special Data Search is made to project, construct, or maintain a waterway, the project shall be designed to provide safety out of the waterway. There shall be no development from the waterway. The project shall be designed to provide safety out of the waterway. The project shall be designed to provide safety out of the waterway. The project shall be designed to provide safety out of the waterway.

**Provision Notes:**  
1. This is a preliminary plan.  
2. The project shall be designed to provide safety out of the waterway.  
3. The project shall be designed to provide safety out of the waterway.  
4. The project shall be designed to provide safety out of the waterway.



**Legend**

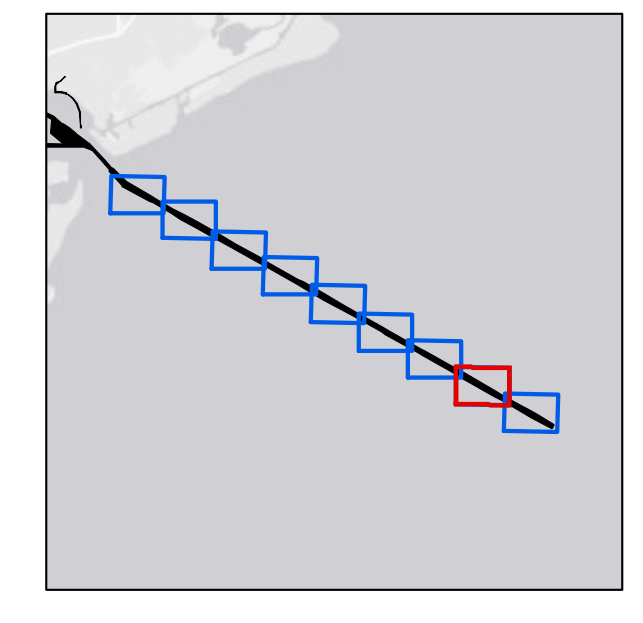
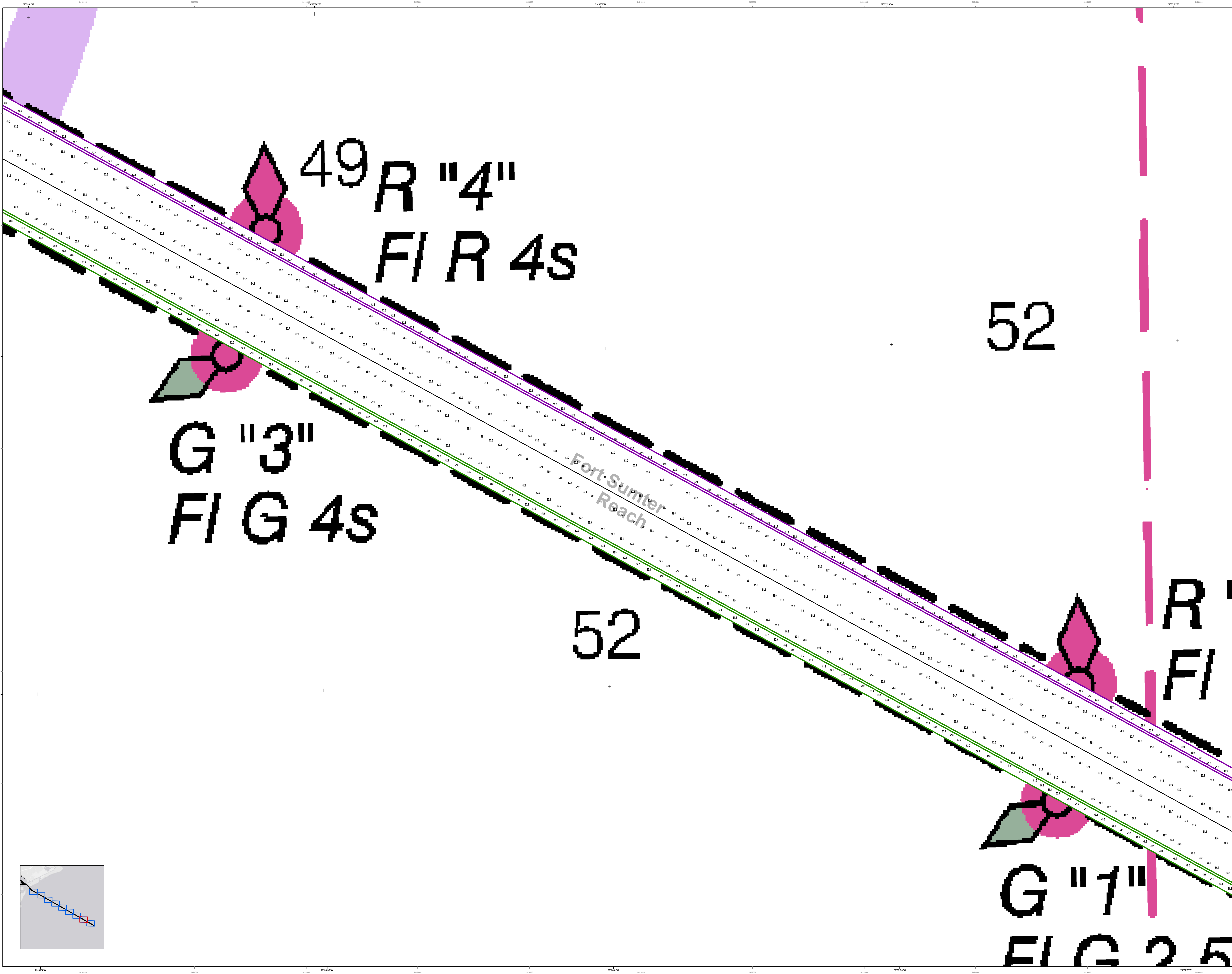
**Channel**  
 - Main Channel  
 - Flood Channel  
 - Floodway Channel  
 - Floodway Channel  
 - Floodway Channel

**Structure**  
 - Dam  
 - Lock  
 - Weir  
 - Culvert  
 - Bridge

**Other**  
 - Obstruction  
 - Obstruction  
 - Obstruction  
 - Obstruction

Designed by: Hydro Software v3.02	Creation Date: 12 Mar 2015	Project Reference Number: 13000
Reviewed by: 13000	Survey Type: Combined Single - Multi-beam Condition	Projection: NAD 1983 StatePlane South Carolina FIPS 3600 Feet Intl

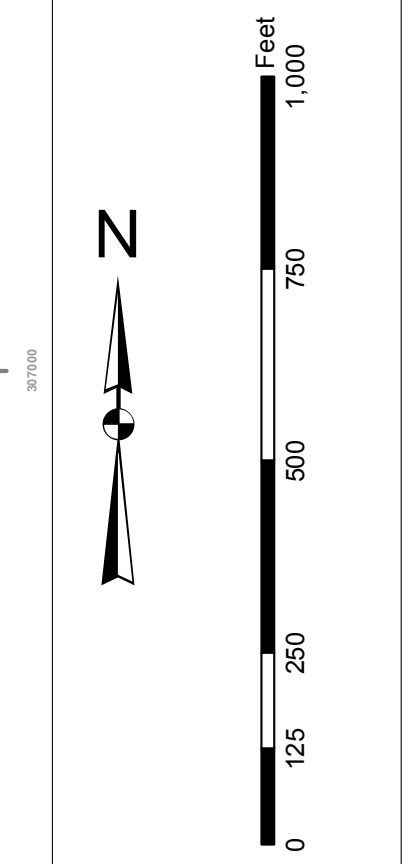
**Charleston Entrance Channel Survey**  
The information depicted on this map represents the results of surveys made on the dates indicated and shall not be used for any purpose other than the general conditions existing at that time.  
Concluded on: 09 March 2015  
Charleston, South Carolina





In the event that the U.S. Army Corps of Engineers, Charleston District Office, Special Data Search is made for project, contract, or other information, the user shall acknowledge that the user is not responsible for the accuracy of the information. The user shall be responsible for the accuracy of the information. The user shall be responsible for the accuracy of the information. The user shall be responsible for the accuracy of the information.

Production Notes:  
1. This map is a preliminary map.  
2. This map is for informational purposes only.  
3. This map is not to be used for navigation.  
4. This map is not to be used for legal purposes.  
5. This map is not to be used for engineering purposes.  
6. This map is not to be used for construction purposes.  
7. This map is not to be used for any other purpose.

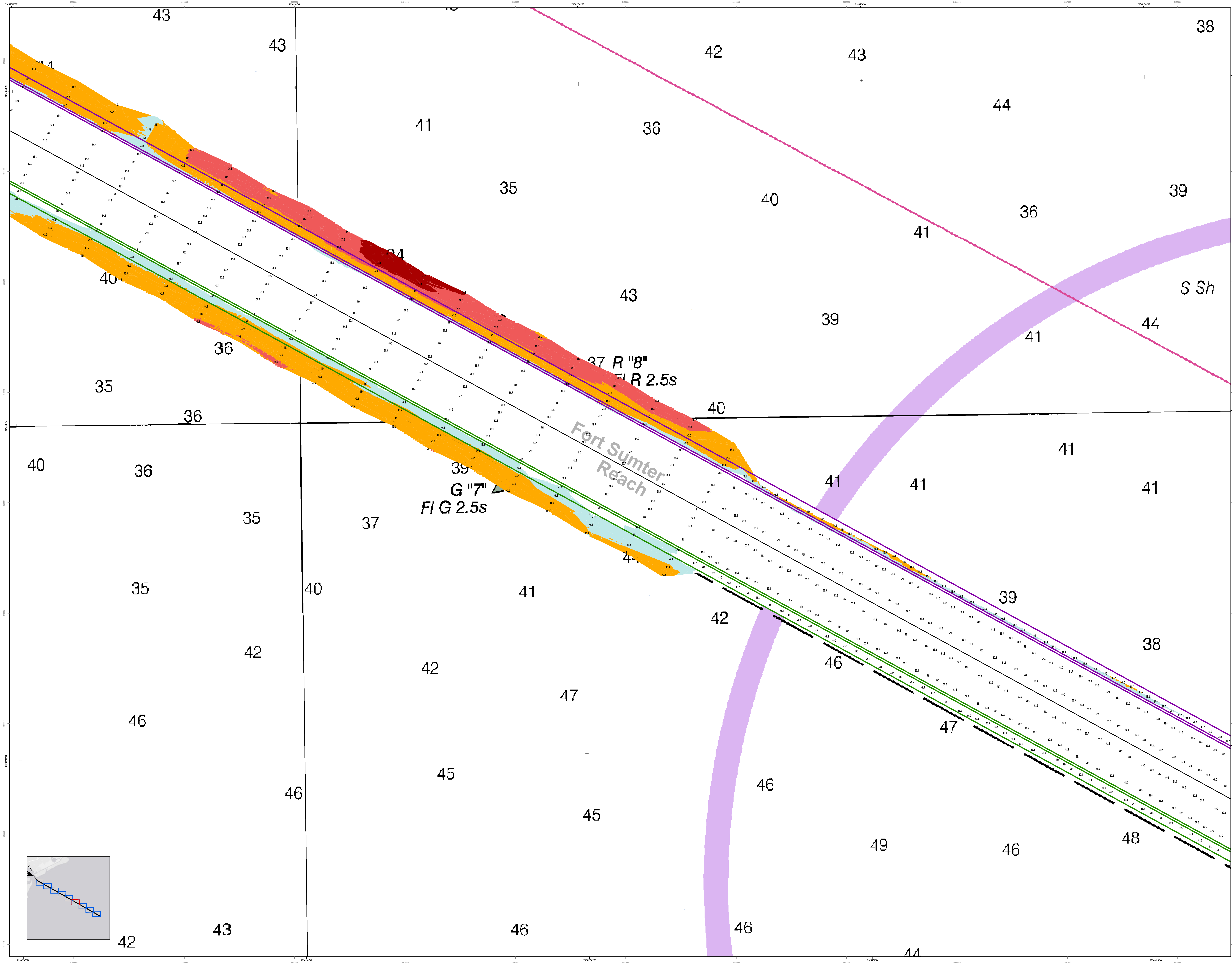


**Legend**

- Channel**
  - Dark Blue: Main Channel
  - Light Blue: Flooded Channel
  - Green: Flooded Channel
  - Yellow: Flooded Channel
  - Orange: Flooded Channel
  - Red: Flooded Channel
  - Purple: Flooded Channel
- Structure**
  - Black: Structure
  - White: Structure
  - Grey: Structure
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  - Green: Structure
  - Yellow: Structure
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  - Red: Structure
  - Purple: Structure
- Utility**
  - Black: Utility
  - White: Utility
  - Grey: Utility
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  - Yellow: Utility
  - Orange: Utility
  - Red: Utility
  - Purple: Utility
- Survey**
  - Black: Survey
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  - Grey: Survey
  - Blue: Survey
  - Green: Survey
  - Yellow: Survey
  - Orange: Survey
  - Red: Survey
  - Purple: Survey

Designed by: Hydro Software v3.02	Creation Date: 12 Mar 2015	Project Reference Number: 12 MAR 2015
Reviewed by: 1:5000	Survey Type: Combined Single-Beam Condition	Projection: NAD 1983 StatePlane South Carolina FIPS 3600 Feet Intl
Reference scale: 1 inch = 250 feet		

**Charleston Entrance Channel Survey**  
The information depicted on this map represents the results of surveys made on the dates indicated and shall not be used for any other purpose.  
Concluded on: 09 March 2015  
Charleston, South Carolina



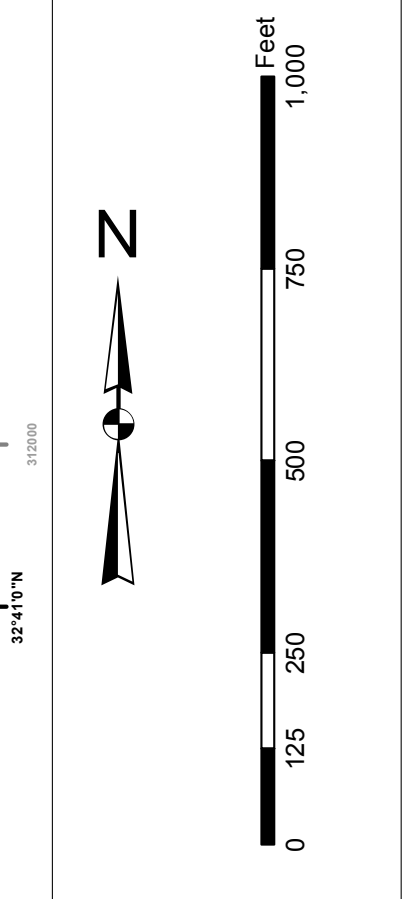
In the event that the U.S. Army Corps of Engineers, Charleston District Office, Special Data Search is made for project, contract, or other information, the following information should be provided to the District Office:

1. Project Name
2. Project Reference Number
3. Survey Type
4. Survey Dates
5. Survey Location
6. Survey Scale
7. Survey Method
8. Survey Instrument
9. Survey Operator
10. Survey Station
11. Survey Point
12. Survey Elevation
13. Survey Description
14. Survey Notes
15. Survey Data
16. Survey Results
17. Survey Accuracy
18. Survey Reliability
19. Survey Validity
20. Survey Usability

These products are intended to be used for navigation. Mariners are encouraged to use all modern safety measures.

Production Notes:

1. This chart was produced using the Hydrographic Surveying Software (HSS) version 3.0.0.
2. The chart was produced using the Hydrographic Surveying Software (HSS) version 3.0.0.
3. The chart was produced using the Hydrographic Surveying Software (HSS) version 3.0.0.
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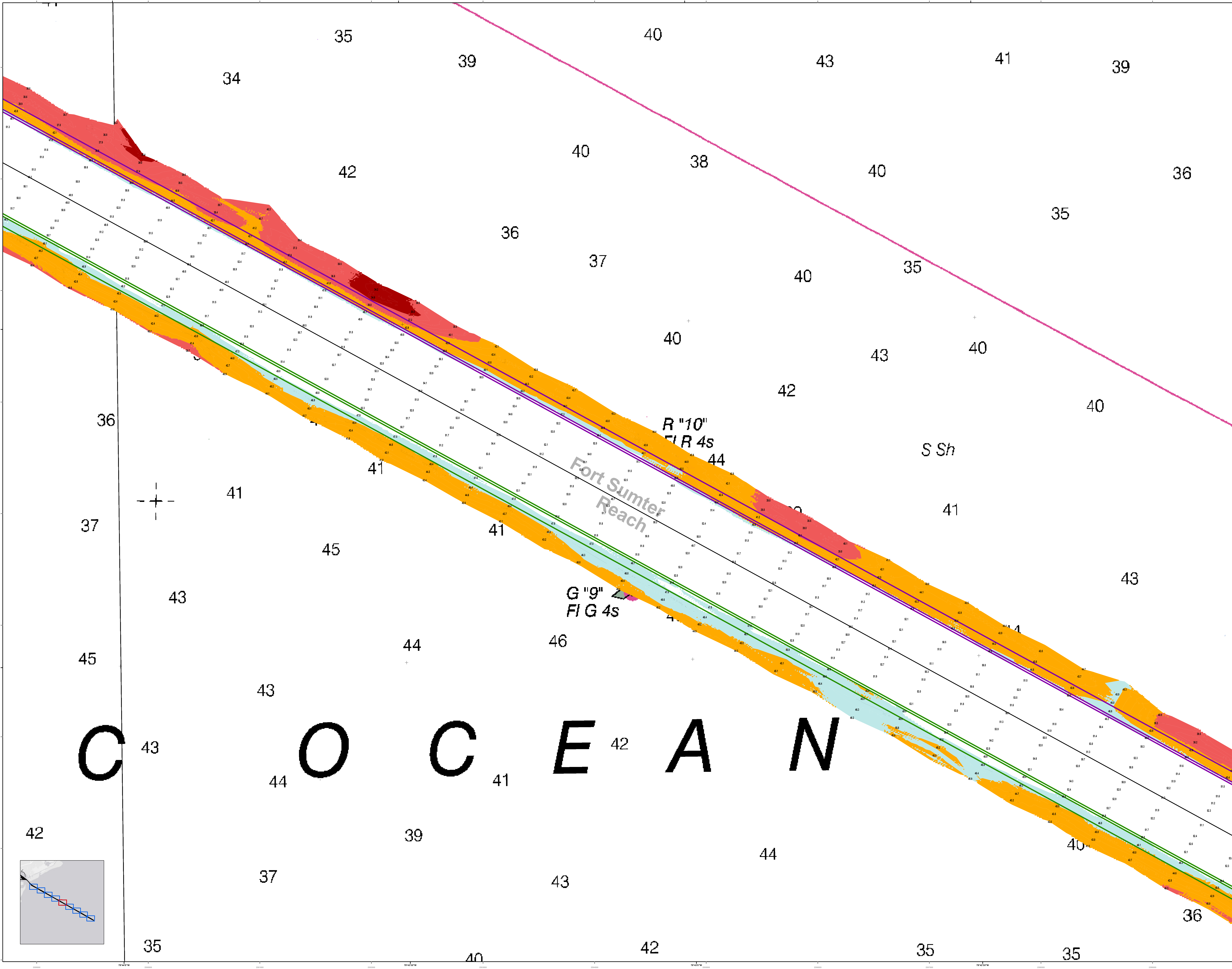
**Legend**

**Soundings**

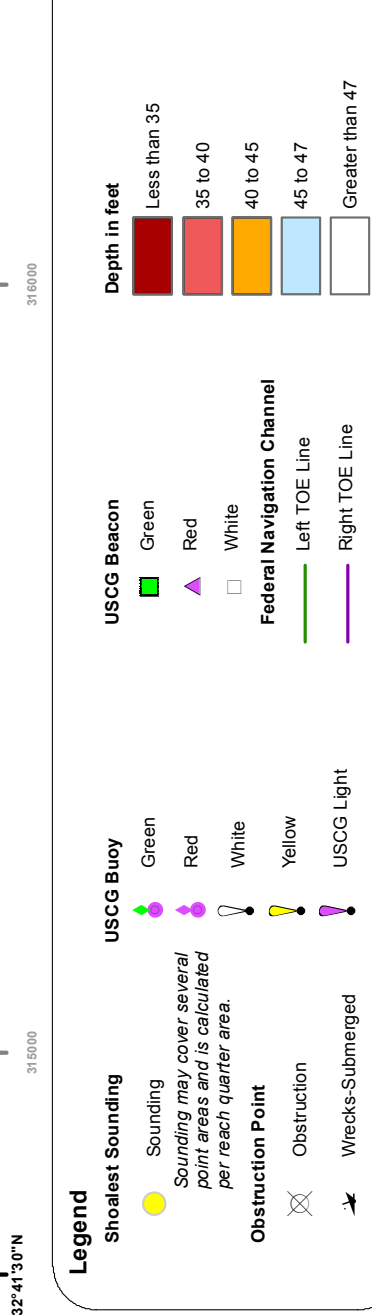
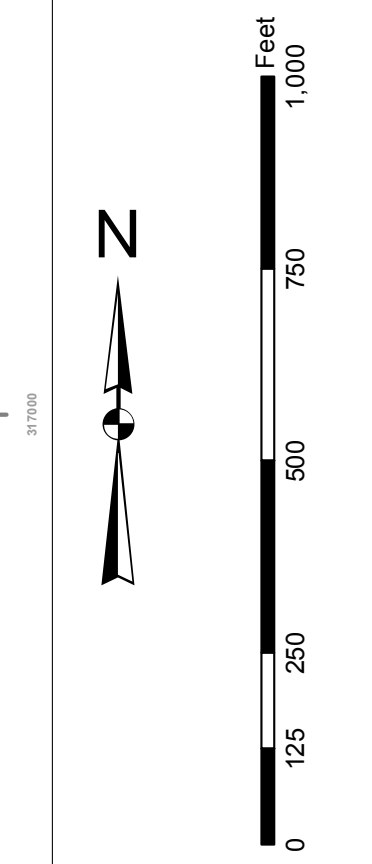
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Designed by:	U.S. Army Corps of Engineers	Creation Date:	12 MAR 2015
Reviewed by:	U.S. Army Corps of Engineers	Project Reference Number:	12 MAR 2015
Scale:	1:50,000	Survey Type:	Hydrographic
Reference Scale:	1 inch = 250 feet	Survey Dates:	08 MAR 2015
Projection:	NAD 1983 StatePlane South Carolina FIPS 3200 Feet Int	Survey Method:	Combined Single-Beam Channel

**Charleston Entrance Channel Survey**  
The information depicted on this map represents the results of surveys made on the dates indicated and can only be used for general information purposes. It is not intended for navigation. Concluded on: 08 March 2015  
Charleston, South Carolina

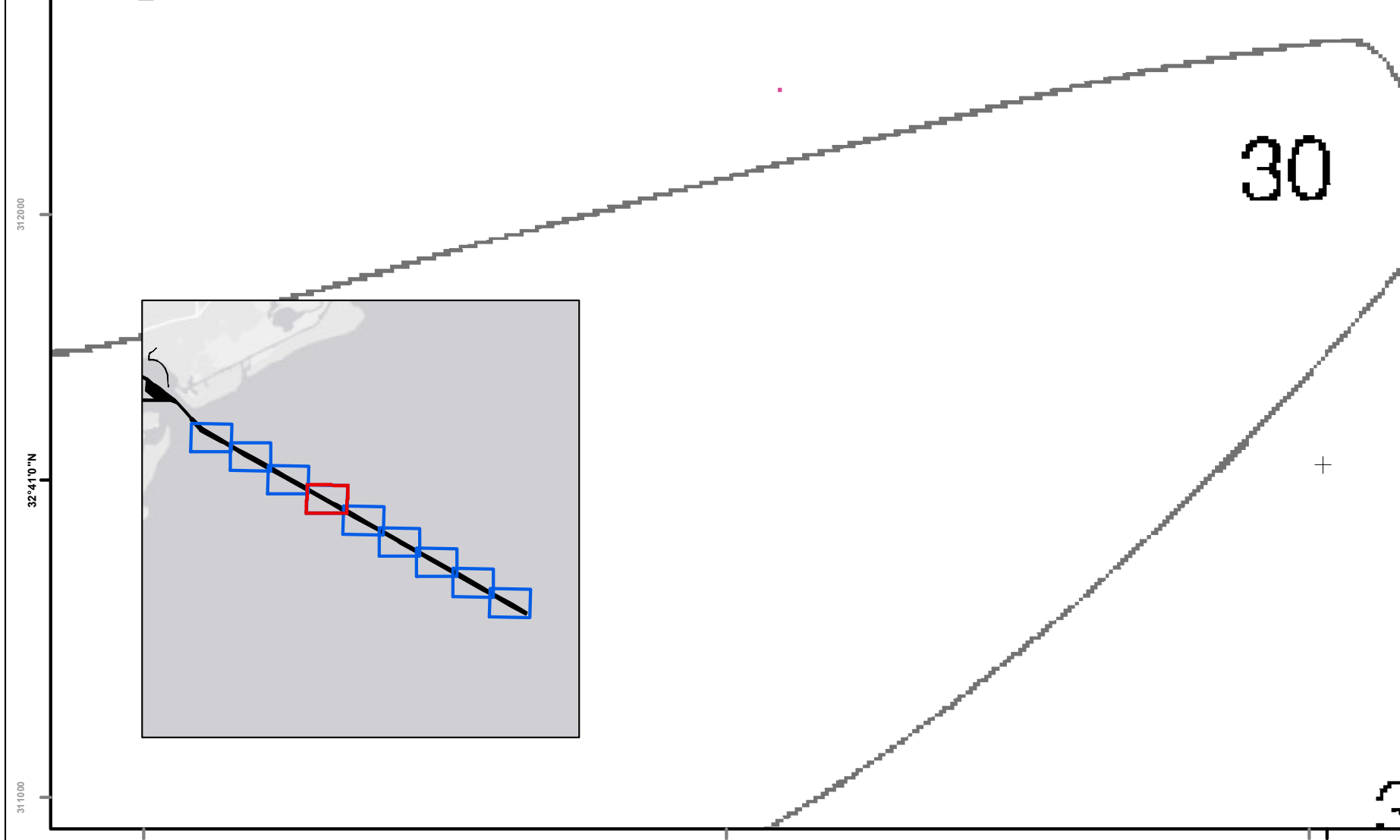
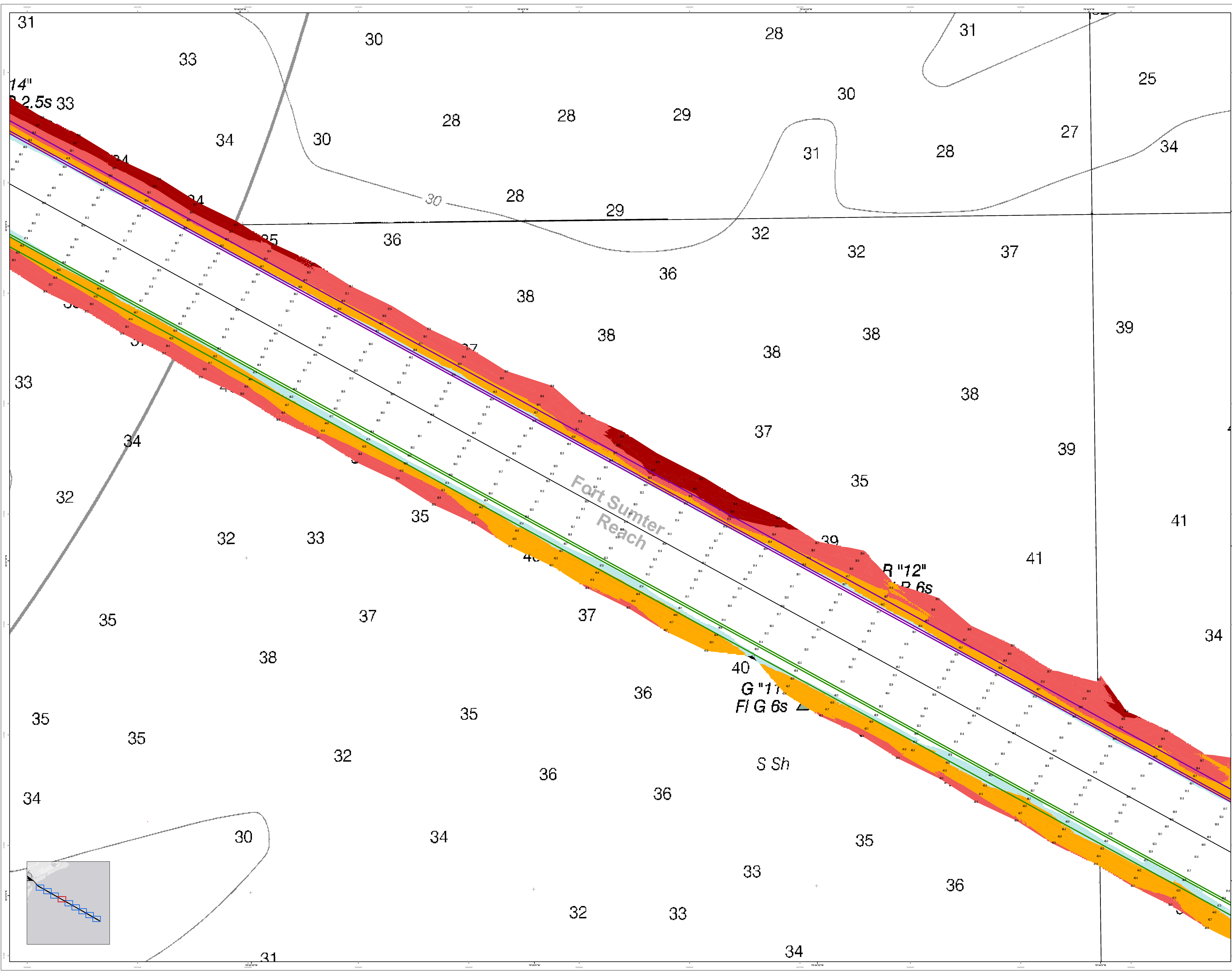


In the event that the U.S. Army Corps of Engineers, Charleston District Office, Special Data Search is made for project, location, and other information, the user is advised that the information may not be available. The user is advised that the information is not to be used for any purpose other than that for which it was provided. The user is advised that the information is not to be used for any purpose other than that for which it was provided. The user is advised that the information is not to be used for any purpose other than that for which it was provided.



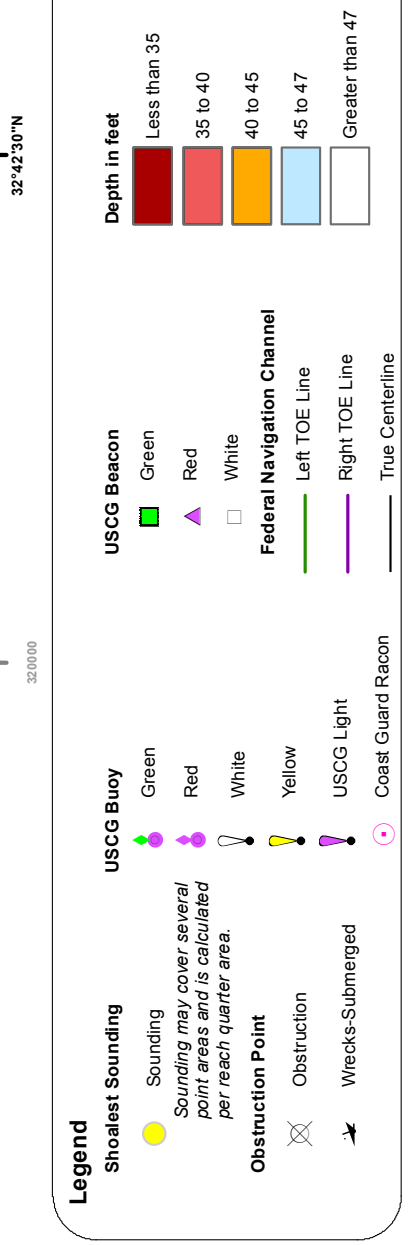
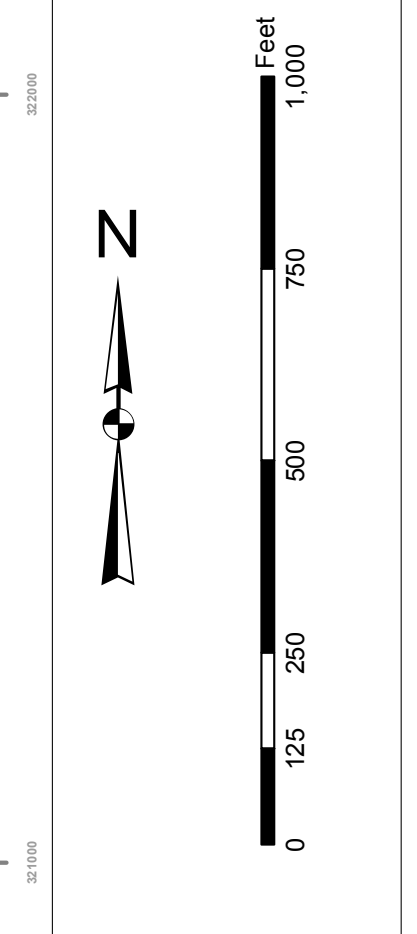
Designed by:	etHydro Software v3.02	Creation Date:	12 Mar 2015
Reviewed by:	ABSOLUTE SCALE	Project Reference Number:	12 MAR 2015
Reference scale:	1:15,000	Survey Type:	COMBINED
Projection:	1 inch = 250 feet	Survey Type:	COMBINED SINGLE - MULTIBEAM CONDITION
U.S. Army Corps of Engineers District of Engineers	Charleston, South Carolina	Projection:	NAD 1983 StatePlane South Carolina FIPS 3600 Feet Int
SWAN, BAY BRANCH	80A HANCOCK AVE		
CHARLESTON, SC 29403			
CECAC-GIS@USACE.ARMY.MIL			

**Charleston Entrance Channel Survey**  
The information depicted on this map represents the results of surveys made on the dates indicated and call on other data sources as needed for general conditions existing at that time.  
Concluded on: 09 March 2015  
Charleston, South Carolina



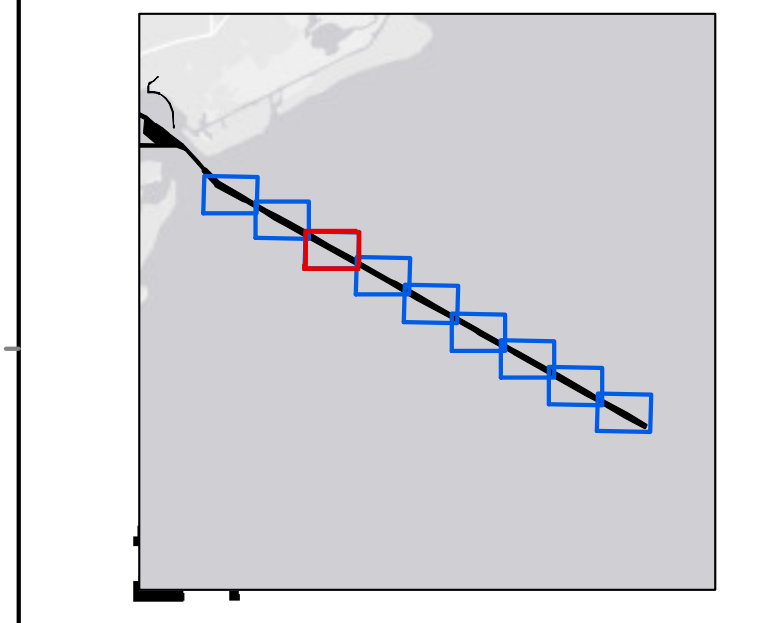
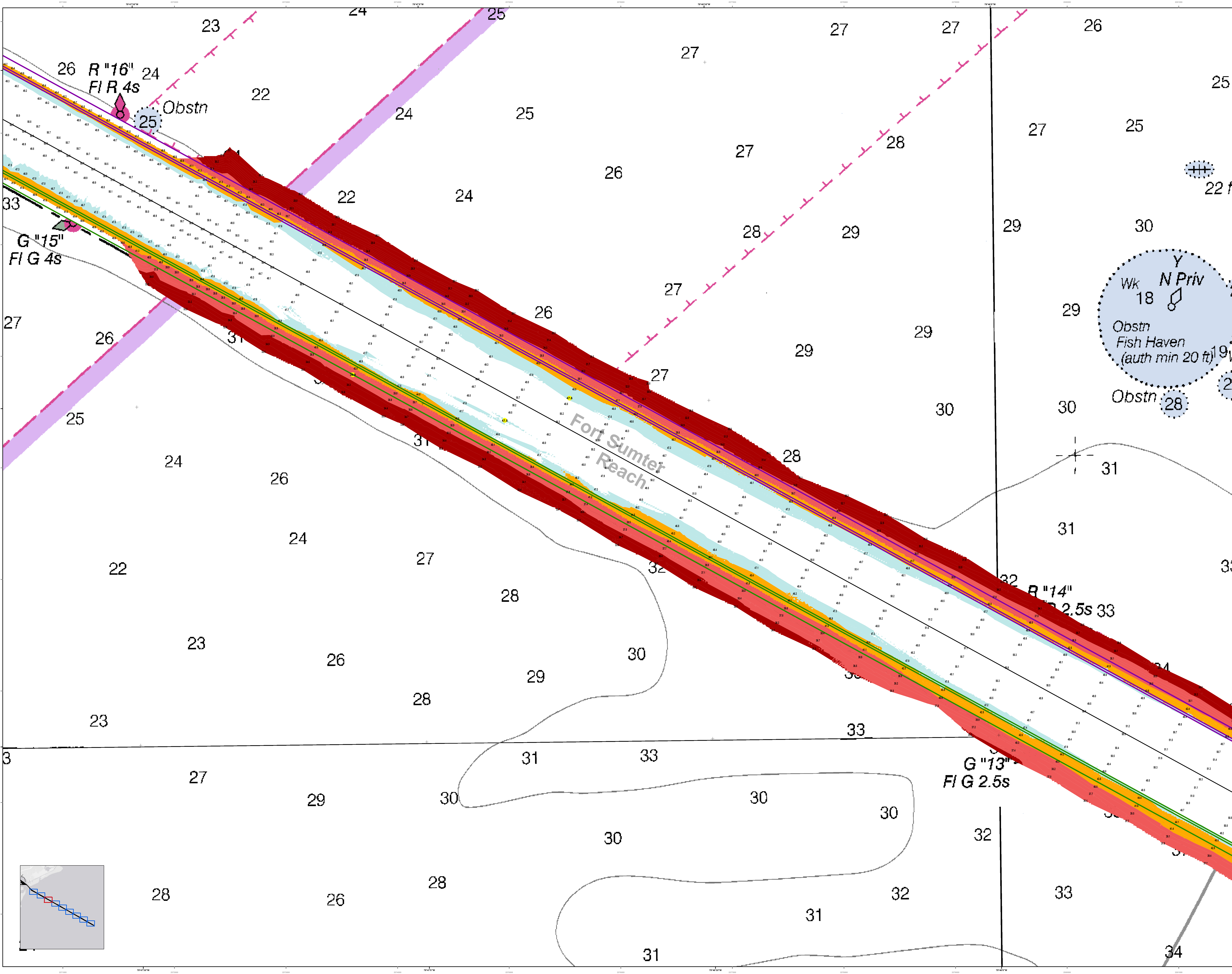
In the event that the U.S. Army Corps of Engineers, Charleston District Office, Special District Office, or District Office, has any information that may affect the accuracy of this map, the user is advised to contact the District Office, Charleston District Office, 1000 North Main Street, Charleston, SC 29403, for more information. The user is also advised to contact the District Office, Charleston District Office, 1000 North Main Street, Charleston, SC 29403, for more information. The user is also advised to contact the District Office, Charleston District Office, 1000 North Main Street, Charleston, SC 29403, for more information.

Projections:  
1. North Carolina State Plane  
2. NAD 83  
3. State Plane  
4. UTM  
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Designed by: Hydro Software v3.02	Creation Date: 12 Mar 2015	Project Reference Number: 12000	Scale: 1 inch = 250 feet
Reviewed by: 12000	Project Reference Number: 12000	Scale: 1 inch = 250 feet	Projection: NAD 83 StatePlane South Carolina FIPS 3800 Feet Intl
U.S. Army Corps of Engineers Charleston District Office Charleston, South Carolina	Charleston District Office Charleston, South Carolina	Charleston District Office Charleston, South Carolina	Charleston District Office Charleston, South Carolina

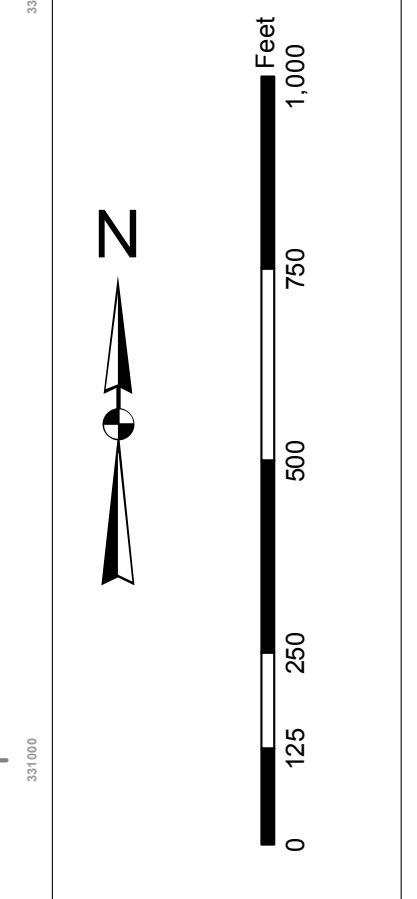
**Charleston Entrance Channel Survey**  
The information depicted on this map represents the results of surveys made on the dates indicated and can only be used for general information. It is not to be used for navigation. Concluded on: 09 March 2015  
Charleston, South Carolina







In the event that the U.S. Army Corps of Engineers, Charleston District Office, Special District Office, or District Office is unable to provide the information requested, the user should contact the District Office, Charleston District Office, 1000 North Main Street, Charleston, SC 29403. The information provided is for informational purposes only and is not intended to be used for any other purpose. The user should consult the original drawings and specifications for the project. The information provided is for informational purposes only and is not intended to be used for any other purpose. The user should consult the original drawings and specifications for the project.



**Legend**

- Water Level: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45
- Obstruction: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45
- Channel: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45
- Jetty: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45
- Breakers: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45
- Other: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45

U.S. Army Corps of Engineers Charleston District Office Charleston, South Carolina 29403	DESIGNED BY: J. B. BENTLEY CHECKED BY: J. B. BENTLEY APPROVED BY: J. B. BENTLEY	DATE: 12 MAR 2015	PROJECT: Charleston Entrance Channel Survey
U.S. Army Corps of Engineers Charleston District Office Charleston, South Carolina 29403	DESIGNED BY: J. B. BENTLEY CHECKED BY: J. B. BENTLEY APPROVED BY: J. B. BENTLEY	DATE: 12 MAR 2015	PROJECT: Charleston Entrance Channel Survey

