

D00217

NOAA Form 76-35A

U.S. Department of Commerce  
National Oceanic and Atmospheric Administration  
National Ocean Survey

**DESCRIPTIVE REPORT**

Type of Survey: Investigation

Registry Number: D00217

**LOCALITY**

State: Georgia

General Locality: Savannah

Sub-locality: Savannah River

**2016**

CHIEF OF PARTY  
James L. Kirkpatrick IV

LIBRARY & ARCHIVES

Date:

NOAA FORM 77-28 (11-72)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	REGISTRY NUMBER:
<b>HYDROGRAPHIC TITLE SHEET</b>			<b>D00217</b>
INSTRUCTIONS: The Hydrographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.			
State:	<b>Georgia</b>		
General Locality:	<b>Savannah</b>		
Sub-Locality:	<b>Savannah River</b>		
Scale:	<b>1: 10,000</b>		
Dates of Survey:	<b>10/09/2016 to 10/10/2016</b>		
Instructions Dated:	<b>10/08/2016</b>		
Project Number:	<b>S-G939-NRT2-16</b>		
Field Unit:	<b>NRT-2</b>		
Chief of Party:	<b>James L. Kirkpatrick IV</b>		
Soundings by:	<b>Multibeam Echo Sounder</b>		
Imagery by:	N/A		
Verification by:	<b>Pacific Hydrographic Branch</b>		
Soundings Acquired in:	<b>meters at Mean Lower Low Water</b>		
H-Cell Compilation Units:	N/A		
Remarks:	<p><i>The purpose of this survey was a response to a request from th USCG to examine the Savannah River following Hurricane Matthew. All separates are filed with the hydrographic data. Any revisions to the Descriptive Report (DR) generated during office processing are shown in bold red italic text. The processing branch maintains the DR as a field unit product, therefore, all information and recommendations within the body of the DR are considered preliminary unless otherwise noted. The final disposition of surveyed features is represented in the OCS nautical chart update products. All pertinent records for this survey, including the DR, are archived at the National Centers for Envitronmental Information (NCEI) and can be retrieved via <a href="http://www.ncei.noaa.gov/">http://www.ncei.noaa.gov/</a>.</i></p>		



## DESCRIPTIVE REPORT MEMO

October 24, 2016

**MEMORANDUM FOR:** Pacific Hydrographic Branch

**FROM:** James L. Kirkpatrick IV  
Acting Team Lead, Navigation Response Team 2

KIRKPATRICK.JAMES.L  
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DN: c=US, o=U.S. Government, ou=DoD,  
ou=PKI, ou=OTHER,  
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Date: 2017.01.16 17:51:02 Z

**SUBJECT:** Submission of Suvey D00217

Survey D00217 was conducted by NRT2 in response to a request from the USCG to perform an examination of the Savannah River following Hurricane Matthew. Multibeam and concurrent side scan sonar were used to provide bathymetry and imagery for the project area.

NRT2 created a suite of GeoPDFs that were not provided to constituents. A combined PDF created by Michael Davidson of NRB was provided to the USCG and the ACOE. A .xyz plot was also created by Michael Davidson and was disseminated to the USACOE. These products are included in the folder Public\_Relations\_&\_Constituent\_Products.

Soundings were reduced to Mean Lower Low Water (MLLW) using observed tides from Charleston, SC 8665530 and tide zones provided by CO-OPS from a 2016 survey of this area G939NRT22016CORP.zdf.

All survey systems and methods utilized during this survey were as described in S-G939-NRT2-DAPR.pdf, submitted with this report.

All data was reviewed for DTON and none were found.

NRT2 found no significant areas of shoaling or obstructions to navigation during this survey.

This survey does not meet charting specifications and is not adequate to supersede prior data. Per project instructions this survey was not intended to meet charting specifications and is not adequate to supersede prior data.

Survey data should be archived at NCEI and the DR memo forwarded to HSD.

Metadata for Survey D00217	
Project	S-G939-NRT2-16
Survey	D00217



State	Georgia
Locality	Savannah, GA
Sub Locality	Savannah
Scale of Survey	1:10000
Sonars Used	Reson SeaBat T20-P Multibeam Echosounder Edgetech 4125 Side Scan Sonar
Horizontal Datum	World Geodetic System 1984 (WGS84)
Vertical Datum	Mean Lower Low Water
Vertical Datum Correction	Discrete Zoning
Projection	UTM Zone 17N
Field Unit	Navigation Response Team 2
Survey Dates	10/09/2016 - 10/10/2016
Chief of Party	James L. Kirkpatrick IV
Submission Date	10/24/2016

APPROVAL PAGE

D00217

Data did not meet current specifications as determined by the OCS survey acceptance review process. The intent of this survey was to identify DTONs in the Savannah River, none were found. The entire survey resides within the boundaries of the USACOE channel, thus there are no soundings to chart. The survey will not be applied to NOAA charting products.

The following products will be sent to NGDC for archive:

- D00217\_DR\_Memo.pdf
- Processed survey data and records
- D00217\_GeoImage.pdf

The survey evaluation and verification has been conducted according to current OCS specifications and procedures.

Approved: \_\_\_\_\_

**Grant Froelich**

Hydrographic Team Lead, Pacific Hydrographic Branch

The survey has not been approved for chart updates. The data will be archived at NGDC so that it can be made available for other uses.

Approved: \_\_\_\_\_

**CDR Ben Evans, NOAA**

Chief, Pacific Hydrographic Branch