



**DISCLAIMER:** The data represented on this map were derived from a variety of sources. The user is responsible for the accuracy, reliability, and completeness of the data. The Corps of Engineers does not warrant the accuracy, reliability, or completeness of the data. The Corps of Engineers does not accept responsibility for changes in the hydrographical conditions when developed after the date of the survey. Product maintainers should not rely solely upon this information.

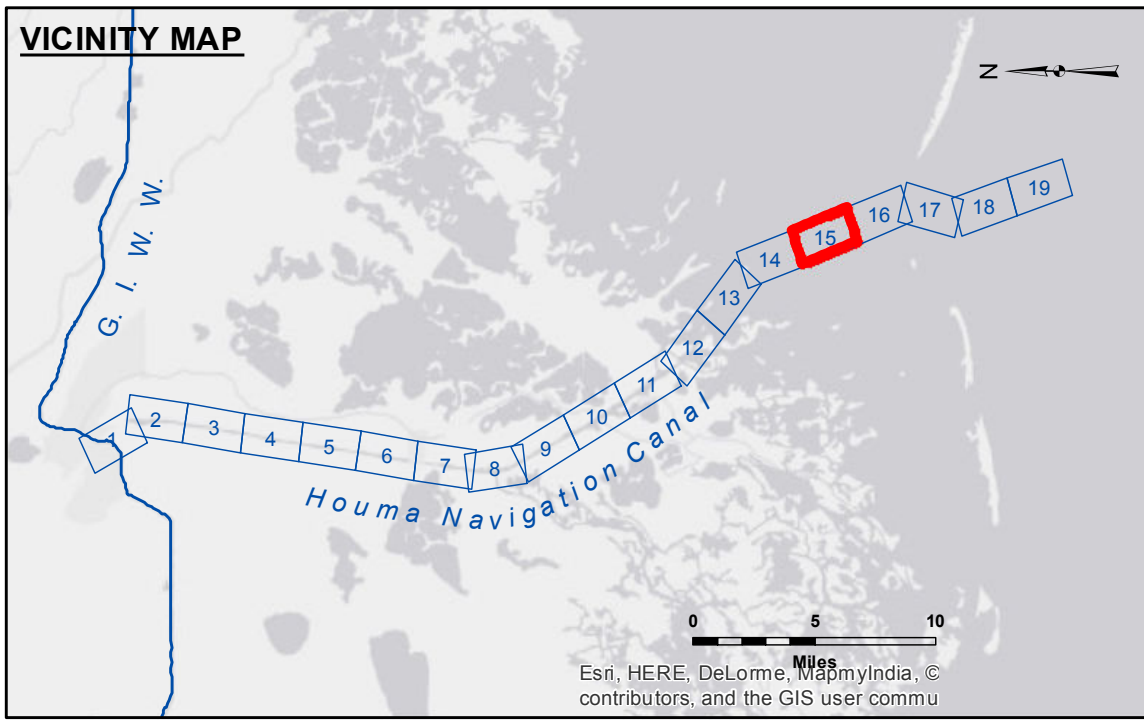
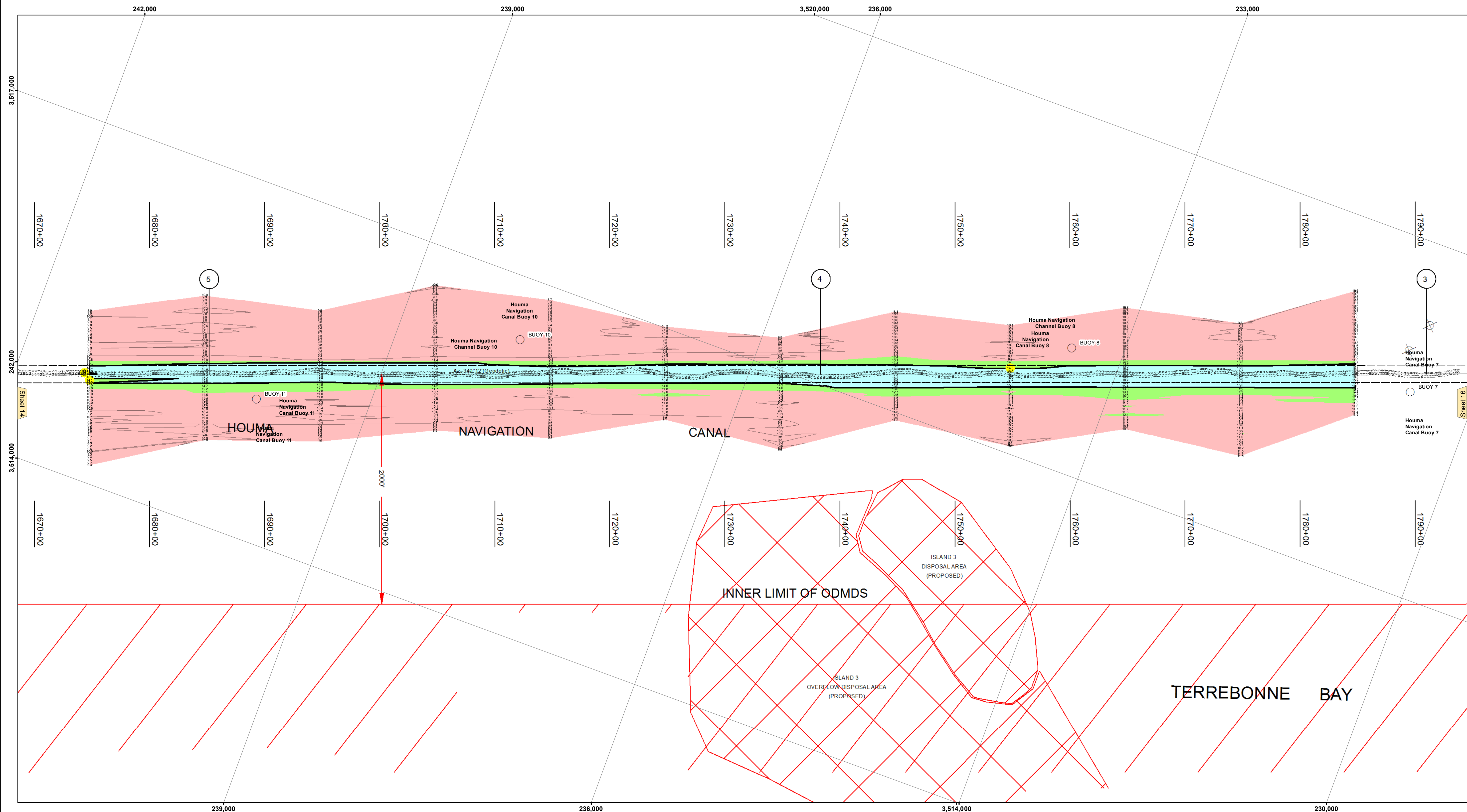
Submitted:	Surveyed By: SP/DS
Recommended:	Plotted By: BD
Approved:	Checked By: AC

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT  
Chief, Waterways Maintenance Section

**HOUMA NAVIGATION CANAL  
BAY CHANNEL  
HN\_15\_BAY\_20170628\_CS  
28 June 2017**

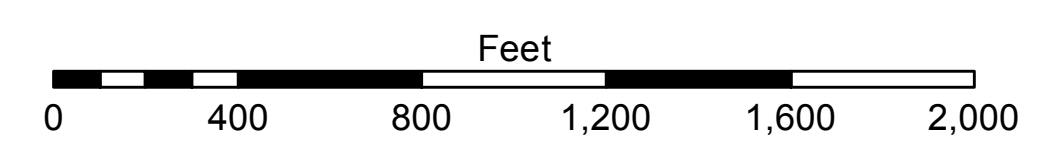
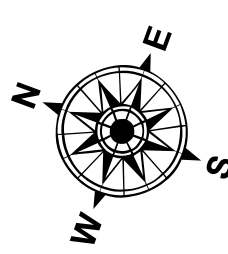
**Sheet Reference Number  
15 of 19**

Revision Number:  
3.13-20160811



**LEGEND**

--- Federal Navigation Channel	● Cable Area	□ Borrow Area	■ -12' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -12' to -15'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -15' to -18'
..... Unconfirmed Pipeline/Cable	✕ Obstruction Point	◆ Red Navigation Buoy	■ -18' and below
— Project Depth Contour	✎ Wrecks-Submerged	◆ Green Navigation Buoy	



Gage Reading: PETIT CAILLOU: 2.18 MLG  
 Sea Conditions: CHOPPY  
 Vessel Name: OB-167  
 Survey Type: CONDITION  
 Sounding Frequency\*\*\*: LOW

**NOTES:**  
 Horizontal Coordinate System:  
 North American Datum of 1983 (NAD83), projected to the State Plane  
 Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet.  
 Vertical Datum:  
 Soundings are shown in feet and indicate depths below Mean Low Gulf Datum (MLG).  
 Datum Relationship for 76305 as of August 2014:  
 0.0' NAVD88 (OPUS 2010) = 0.42' MLLW (2007-2011) = 1.34' MLG  
 Distances on the Houma Nav. Canal are shown at 1 mile intervals.  
 The location of navigation aids are base on and provided by the U.S. Coast Guard  
 and USACE survey crews.  
 2010 Aerial Photography data source: NAIP  
 Reference is N.O.A.A. Navigation Chart No. 11355.  
 \*\* Shoalest Sounding per Quarter per Reach.  
 \*\*\* High frequency (200 kHz) survey data represents the first signal return at a sounding  
 location and will include suspended solids, known as "fluff", if present. Low frequency (20 kHz)  
 survey data normally penetrates through this "fluff" layer to depict elevations of consolidated bottom  
 material. Low frequency accuracies may vary depending on channel conditions and fathometer  
 settings.