



**DISCLAIMER**  
The data represented on this map are the result of data collection and processing for a specific US Army Corps of Engineers project. The data is only valid for its intended use, control, time and accuracy specifications. The user is responsible for the results of any application of the data for other than its intended purpose. The US Army Corps of Engineers accepts no responsibility for changes in the hydrographical conditions when developed after the date of the original survey. Product maintainers should not rely solely upon it.

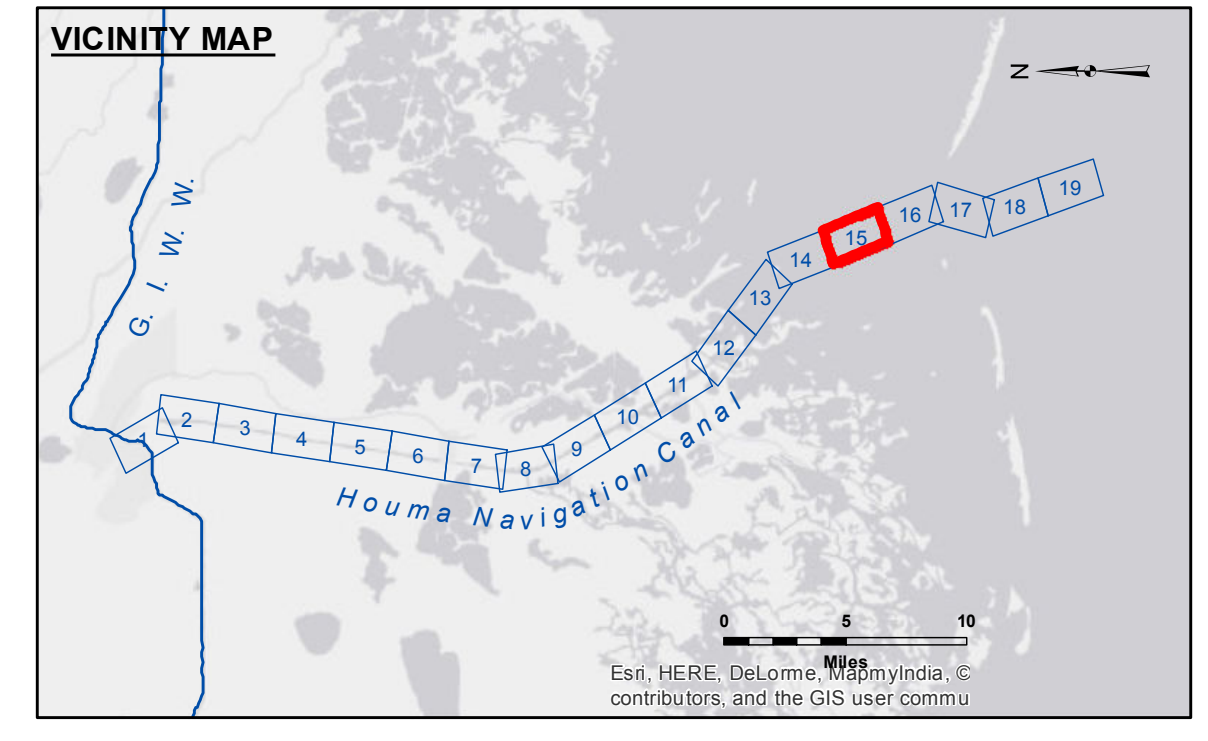
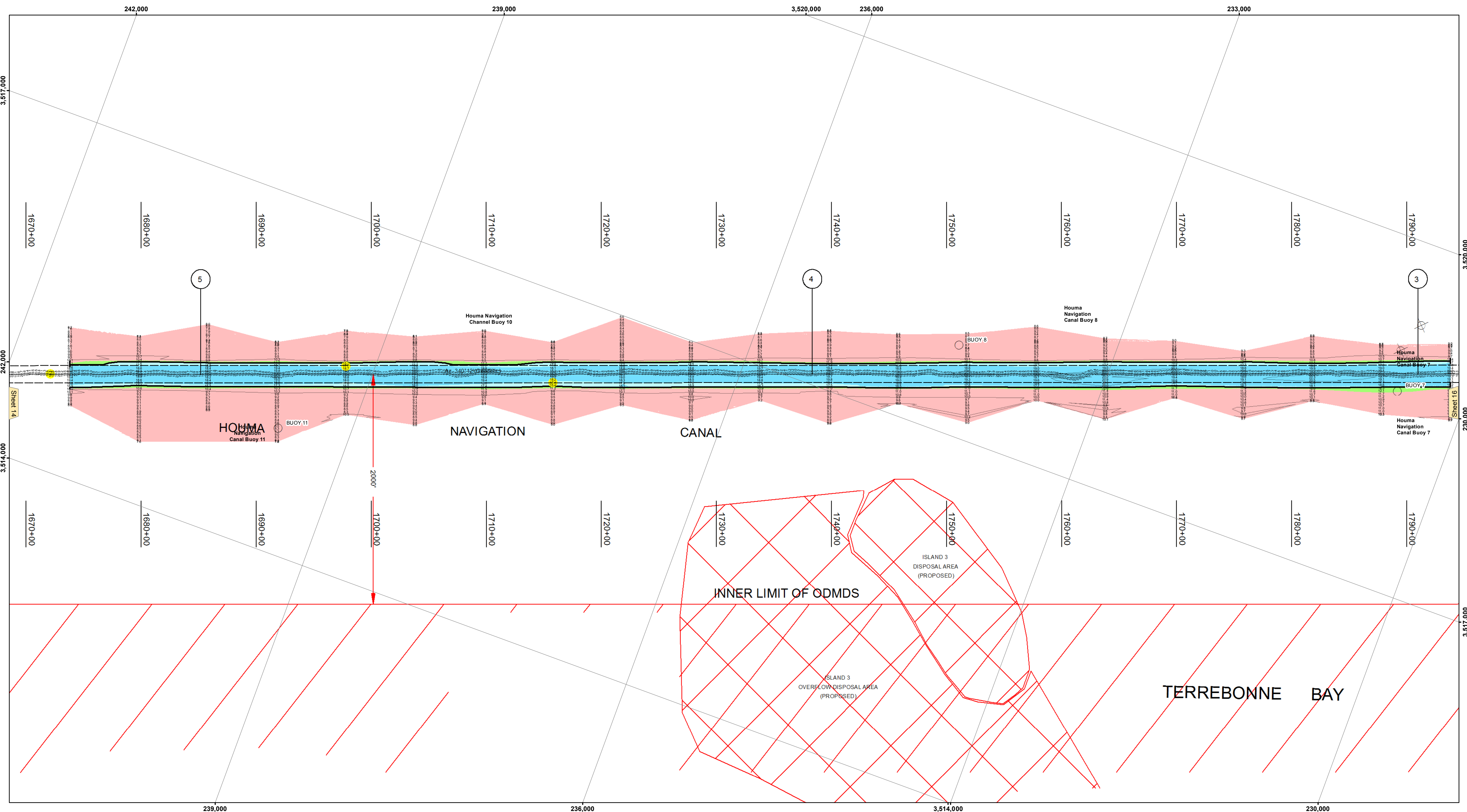
Submitted:	Surveyed By: SP-JH
Recommended:	Plotted By: AO
Approved:	Checked By: AO

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

**HOUMA NAVIGATION CANAL  
BAY CHANNEL  
HN\_15\_BAY\_20161221  
21 December 2016**

**Sheet  
Reference  
Number  
15 of 19**

Revision Number:  
3.8.0-20150202



**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: 1.7 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. 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.