

## APPENDIX I. TIDES AND WATER LEVELS

### Field Tide Note

A field tide note was not required for H12656.

### Final Tide Note

Observed verified water levels for the stations in Pascagoula, MS (8741533) and Dauphin Island, AL (8735180), were downloaded from the [NOAA Tides and Currents](#) web site. Water Level correctors were prepared for each zone using the **SABER Create Water Level Files** software. The **SABER Apply Correctors** software applied the water level data to the multibeam data according to the zone containing the nadir beam of each ping.

Please refer to the H12656 Descriptive Report Section C.1 for details regarding final tides for H12656. The water level zoning correctors, based entirely on Pascagoula, MS (8741533) and Dauphin Island, AL (8735180), were applied to all multibeam data for H12656.

No final tide note was provided by NOAA Center for Operational Oceanographic Products and Services (CO-OPS), Leidos is not required to have a final tide note from CO-OPS.

The on-line times for acquisition of valid hydrographic data are presented in the Abstract Times of Hydrography, H12656 (Table A-1).

### Abstract Times of Hydrography

**Project:** OPR-J312-KR-14

**Registry No.:** H12656

**Contractor Name:** Leidos (formally SAIC)

**Date:** 30 January 2015

**Sheet Designation:** 3

**Inclusive Dates:** 10 July 2014 – 10 October 2014

Field work is complete.

Begin Date	Begin Julian Day	Begin Time	End Date	End Julian Day	End Time
07/10/2014	191	13:21:49	07/15/2014	196	21:21:04
07/16/2014	197	16:48:31	07/16/2014	197	17:02:46
07/18/2014	199	16:43:09	07/18/2014	199	23:40:05
07/20/2014	201	17:52:22	07/20/2014	201	21:53:09
07/22/2014	203	01:50:21	07/27/2014	208	07:38:28
08/03/2014	215	18:07:27	08/03/2014	215	21:43:15
08/04/2014	216	12:27:24	08/04/2014	216	20:48:37
08/05/2014	217	12:34:25	08/05/2014	217	20:59:55
08/06/2014	218	05:02:32	08/06/2014	218	19:27:29
08/08/2014	220	22:18:52	08/09/2014	221	20:38:45
08/10/2014	222	00:30:03	08/10/2014	222	05:11:00
08/11/2014	223	13:07:52	08/11/2014	223	20:49:09

<b>Begin Date</b>	<b>Begin Julian Day</b>	<b>Begin Time</b>	<b>End Date</b>	<b>End Julian Day</b>	<b>End Time</b>
08/14/2014	226	14:50:34	08/14/2014	226	22:04:40
08/15/2014	227	12:29:53	08/15/2014	227	21:04:25
08/21/2014	233	12:19:07	08/21/2014	233	21:30:44
08/22/2014	234	16:49:38	08/22/2014	234	21:29:55
09/03/2014	246	12:29:13	09/03/2014	246	18:56:38
09/04/2014	247	12:20:17	09/04/2014	247	20:51:41
09/06/2014	249	14:24:39	09/06/2014	249	21:38:13
09/07/2014	250	12:55:19	09/07/2014	250	16:49:05
09/10/2014	253	20:56:25	09/10/2014	253	22:30:34
09/11/2014	254	13:03:18	09/12/2014	255	00:49:11
10/07/2014	280	16:33:53	10/07/2014	280	21:27:24
10/08/2014	281	13:04:23	10/08/2014	281	20:39:58
10/10/2014	283	22:51:57	10/10/2014	283	23:15:18

*Table A-1: Abstract Times of Hydrography, H12656*

#### **Transmittal Letter to CO-OPS**

A transmittal letter to CO-OPS was not required for H12656.

#### **Other Correspondence Relating to Tides**

There is no other correspondence relating to tides and/or water levels.