APPENDIX I. TIDES AND WATER LEVELS

Field Tide Note

A field tide note was not required for H13055.

Final Tide Note

Observed verified water levels for the station in Calcasieu Pass, LA (8768094) were downloaded from the <u>NOAA Tides and Currents</u> 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 H13055 Descriptive Report Section C.1 for details regarding final tides for H13055. The water level zoning correctors applied to all multibeam data for H13055 were based entirely on Calcasieu Pass, LA (8768094).

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, H13055 (Table A-1).

Abstract Times of Hydrography

Project: OPR-K371-KR-17 Registry No.: H13055 Contractor Name: Leidos Date: 27 February 2018 Sheet Designation: 2 Inclusive Dates: 26 September 2017 – 31 October 2017 Field work is complete.

Begin Date	Begin Julian Day	Begin Time	End Date	End Julian Day	End Time
09/26/2017	269	19:59:41	09/28/2017	271	10:02:50
09/30/2017	273	18:56:28	10/01/2017	274	08:13:42
10/09/2017	282	03:40:27	10/11/2017	284	12:58:22
10/11/2017	284	19:08:16	10/13/2017	286	06:28:12
10/30/2017	303	15:13:10	10/31/2017	304	07:47:54

Table A-1: Abstract Times of Hydrography, H13055

Transmittal Letter to CO-OPS

A transmittal letter to CO-OPS was not required for H13055.

Request for Approved Tides/Water Levels Letter

A Request for Approved Tides/Water Levels letter was not required for H13055.

Other Correspondence Relating to Tides

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