

## APPENDIX I. TIDES AND WATER LEVELS

### Field Tide Note

A field tide note was not required for H12560.

### Final Tide Note

Observed verified water levels for the station in Duck, NC (8651370) 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 H12560 Descriptive Report Section C.1 for details regarding final tides for H12560. The water level zoning correctors, based entirely on Duck, NC (8651370), were applied to all multibeam data for H12560.

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, H12560 (Table A-1).

### Abstract Times of Hydrography

**Project:** OPR-D302-KR-13

**Registry #:** H12560

**Contractor Name:** Leidos

**Date:** 23 May 2014

**Sheet Designation:** 2

**Inclusive Dates:** 06 August 2013 – 04 October 2013

Field work is complete.

Begin Date	Begin Julian Day	Begin Time	End Date	End Julian Day	End Time
8/06/2013	218	03:57:08	8/06/2013	218	12:14:16
8/07/2013	219	16:50:49	8/08/2013	220	07:31:57
8/09/2013	221	18:05:14	8/14/2013	226	09:29:42
8/15/2013	227	18:01:34	8/17/2013	229	06:22:28
8/20/2013	232	18:20:37	8/22/2013	234	16:39:15
10/01/2013	274	02:44:10	10/01/2013	274	10:27:14
10/04/2013	277	13:46:43	10/04/2013	277	15:23:02

Table A-1: Abstract Times of Hydrography, H12560

### Transmittal Letter to CO-OPS

A transmittal letter to CO-OPS was not required for H12560.