

Generally, verified tidal data from Port Fourchon, LA (Station 8762075) was downloaded from the website shown below and applied to the multibeam data with final tidal zoning.

http://tidesandcurrents.noaa.gov/station_retrieve.shtml?type=Historic%20Tide%20Data&state=Louisiana&id1=876

However, between the dates of October 25, 2010 at 00:00 UTC and November 02, 2010 at 15:18 UTC, no verified tidal data is available from Port Fourchon, LA (Station 8762075). Multibeam data within this time period was processed with tidal data from station 8763535 (Texas Gas Platform), which was operated and maintained by C&C Technologies for the duration of the OPR-KR354- KR-10 survey. Tide data from station 8763535 with final tidal zoning (Table No. 3) was applied to data on survey days October 30 and 31 and November 1, and 2, 2010 (JD 303 – 306).

For the 876353 (Texas Gas Platform) tide data, the contractor from JOA used the following parameters to convert the data to MLLW: $STND\ height - MLLW = STND\ height + -6.702$. The data was smoothed with 3 hour, 3rd degree polynomial. As with Fourchon, the time zone in UTC and the units are meters.

Table No. 3. Tide zones and corrector for Station 873535 (Texas Gas Platform).

Tide Zone	Reference Station	Primary/Secondary	Time Corrector	Range Ratio
CGM716	8763535	PRIM	-12	0.870
CGM717	8763535	PRIM	-6	0.900
CGM718	8763535	PRIM	-6	0.900
CGM732	8763535	PRIM	0	0.900
CGM733	8763535	PRIM	0	0.970
WGM266	8763535	PRIM	-12	1.000
WGM414	8763535	PRIM	-6	1.000
WGM415	8763535	PRIM	0	1.000
WGM416	8763535	PRIM	0	1.000

ABSTRACT OF TIMES OF HYDROGRAPHY

Project: OPR-K354-KR-10

Contractor Name: C & C Technologies, Inc.

Inclusive Dates: October 22, 2010 - December 30, 2011

Registry No.: H12255 (Sheet 13)

Date: March 2012

Sheet Number: 13

Field Work is Complete

Time (UTC)

Date	Julian Day	Start	End	Year
10/22/2010	295	1801	2400	2010
10/23/2010	296	0000	1016	2010
10/30/2010	303	0937	2400	2010
10/31/2010	304	0000	1008	2010
10/31/2010	304	1031	2400	2010
11/1/2010	305	0000	0938	2010
11/1/2010	305	1002	1918	2010
11/1/2010	305	1950	2400	2010
11/2/2010	306	0000	1008	2010
11/2/2010	306	1051	1243	2010
11/8/2010	312	0443	1707	2010
11/8/2010	312	1817	2400	2010
11/9/2010	313	0000	1812	2010
11/9/2010	313	1917	2001	2010
11/9/2010	313	2108	2400	2010
11/10/2010	314	0000	0554	2010
11/11/2010	315	0404	0610	2010
11/11/2010	315	0717	1313	2010
11/11/2010	315	1419	1631	2010
12/2/2010	336	1033	1551	2010
11/12/2011	316	1122	1513	2011
11/23/2011	327	1120	1151	2011
12/30/2011	364	2337	2400	2011