



**Illustration No. 2 Unresolved tide error**

For August 12<sup>th</sup> and November 30<sup>th</sup> 2011 data collection, the most recent patch test values were used for the C-Wolf. The table below shows the old values and the new values.

**Table 4: Patch Test angular offsets**

Dates	Pitch (deg)	Roll (deg)	Heading (deg)
2008 -2009	-5.00	1.03	0.00
2011	-2.50	1.31	-2.10

## C. VERTICAL AND HORIZONTAL CONTROL

Tide and water level corrections were determined and applied in accordance with Attachment #7 of the Statement of Work. Data from the Amerada Pass, LA (8764227) tidal stations was used. Due to a gauge outage from 2009/06/28 to 2009/07/10, tide data from the Galveston Pleasure Pier, TX (8771510) gauge was used to correct the data for this time period. Tidal zoning as set forth in the Statement of Work was applied.

The horizontal datum for the survey is the North American Datum of 1983 (NAD 83). The projection is Universal Transverse Mercator (UTM) Zone 15 North. The vertical datum for the soundings is Mean Lower Low Water (MLLW).