The correction for the static draft for launches 1014 and 1015 is 0.55 meters, measured July 28, 1993. The correction for WHITING's static draft is 3.2 meters, a historical value which WHITING divers confirmed with the MOD III depth gauge on May 11, 1995.

Settlement and squat measurements for launches 1014 and 1015 were determined on March 29, 1995. The correctors were entered in Offset Tables 2 and 1. Settlement and squat measurements for WHITING were determined on November 10, 1993 and entered in Offset Table 9. The settlement and squat correctors were applied to the sounding data in real time on each survey platform.

For data acquired by WHITING, the HDAPS data acquisition computer logged and applied, in real time, heave data from a heave, roll and pitch sensor (HIPPY, s/n 19101-C). Heave correctors were applied in post processing for launches 1014 and 1015 by manually scanning the echograms.

The tidal datum for this project was Mean Lower Low Water. The operating tide station at Fort Pulaski, Georgia (867-0870) served as the reference station for predicted tides. No tidal zoning was done for this survey.

Time and height correctors used for this survey are as follows:

<table>
<thead>
<tr>
<th>Time Correction</th>
<th>Height Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>- 0 hr 10 min</td>
<td>x0.94</td>
</tr>
</tbody>
</table>

Tidal data used during data acquisition were taken from Table 2 of the East Coast of North and South America Tide Tables and were applied on-line to the digital data using HDAPS software. The tidal data, in digital form, were received on floppy disk from N/C/G24, Hydrographic Surveys Division.

On March 29, 1995, WHITING installed a tide station at Tybee Marina (867-1029) for datum control of OPR-G398. Opening levels were run on March 30, 1995. On June 6, 1995, confidence levels were run after the floating pier at Tybee Marina was damaged in a storm. The leveling run confirmed that the staff had not moved. Closing levels were run on November 16, 1995. A request for smooth tides was submitted to Product and Services Branch, Datum Section, N/OES231 on 20 November, 1995. APPROVED TIDES AND ZONING were applied during office processing.

H. CONTROL STATIONS  See Also Evaluation Report

The horizontal datum for this project is the North American Datum of 1983 (NAD-83). The source of differential correctors used was an HF Differential GPS station set on a tower over control mark "SKID" on Skidaway Island, GA. Additionally, WHITING used the forward range marker on Jones Island Range and the Charleston DGPS station for performance checks. The adjusted NAD-83 positions for SKID (2nd order class 1) and Jones Island Forward Range (4th Order) were provided by the Field Photogrammetry Section on August 16, 1994. The filed with field records