A static draft of 0.3 meters was applied to the final sounding plot by using the HDAPS program REAPPLY. The draft was measured by subtracting the difference from a punch mark on the side of Launch 770, 0.6 meters above the transducer, to the water surface.

Settlement and squat measurements for Launch 770 were determined on January 9, 1995 (DN 009). These measurements were conducted in Clear Lake, Texas using the level method. Data from this test are included in the "Survey Separates." Settlement and squat correctors were applied online to the soundings acquired by means of the offset table entry in the PC-DAS system on the survey launch.

All soundings on FE-421 are corrected to MLLW unless otherwise specified.

Actual tides downloaded directly through GOES/NESSDIS, from the Freeport, Texas tide station 877-2440, (Platform ID 334A9354) using a station corrector of -1.05m and a range ratio of [X 1.03] supplied by the Datums Section, N/OES 231, were used on the final sounding plot and least depth determinations. Approved tide levels were requested from the Product and Services Branch, Datums Section, N/OES231, in a letter dated November 8, 1995. A copy is appended to this report.* Approved tides and zoning were applied during office processing.

No levels were run for this field examination due to logistics and the need for a speedy response.

H. CONTROL STATIONS - See also section H. of the Evaluation Report

The horizontal control datum for this project is the North American Datum of 1983. The Galveston, Texas DGPS beacon was used for control throughout this survey. The beacon's geographic position is listed on the Control Station List included in the "Survey Separates".

I. HYDROGRAPHIC POSITION CONTROL

Differential GPS (DGPS) was used for all hydrographic data acquired on this survey. An Ashtech sensor serial number 700417B1070 with sensor antenna serial number 700391A0504 was used as the remote station on launch 770. The corrector data link between the reference station receiver and the launch sensor was a Communication Systems International, Inc., MBX-1 Beacon Data Receiver, Model 1/02, serial number X-1251. The Galveston, Texas DGPS beacon served as base station for position control.

J. SHORELINE

Not Applicable.

Filed with Field Records.