Settlement and squat values were applied on line to hydrographic soundings via the HDAPS offset table located in section IV of the separates.

h. Heave is measured by a Datawell B.V. (S/N 19110-C) heave, roll, and pitch sensor (HIPPY) located amidships near the transducer. The sensor gathers on line data which is applied to the soundings in near real time. All data have been corrected by applying HIPPY correctors.

2. No unusual methods or instruments for determination of correction to soundings were used.

3. No zoning or special correctors were used.

4. Pneumoguages were not used during this survey.

5. There were no unusual factors affecting DSF records.

6. a. The tidal datum for this survey was mean lower lower water (MLLW). The tide station at Bob Hall Pier, Corpus Christi, Texas was the reference station. The station was inspected and bracketing levels were run by HECK’s crew. No tide stations were established by HECK in support of this survey.

b. All hydrographic depths have been corrected for predicted tides. No zone correctors were specified in the project instructions. Tidal correctors were applied on line via the HDAPS predicted tide table. No corrections are needed for the predicted tides.

c. Zoning was in accordance with project instructions. No zoning was used.

H. CONTROL STATIONS  SEE ALSO SECTION H.7. OF THE EVALUATION REPORT

1. The horizontal datum for this project is the North American Datum of 1983 (NAD 83).

2. Horizontal control was accomplished using GPS in conjunction with the DGPS beacons in Port Aransas and Galveston.

3. Coast Guard DGPS beacons were positioned by N/CG241. All control stations were positioned to Third order, Class 1 standards.

4. No horizontal control stations were installed or maintained by HECK.