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The Hydrostatic Mooring System

**Quarterly Report for the Period
January-March 2000**

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Report for first quarter 2000.

Summary

1. Han Padron Associates provided conceptual structural design of the mooring buoy
2. We completed partial review of the HPA design and designed the sealing elements

Han Padron Associates (HPA)

HPA structurally designed the buoy as per the general arrangement that we provided. The resulting design needs to be slightly modified due to excessive force fluctuations in the bearing from varying hydrostatic pressure. This correction we will undertake ourselves.

We paid HPA a total of \$7,893.50. This eliminated the retainer and we paid in addition \$3,643.50 in the first quarter.

American Bureau of Shipping

ABS performed no work in the quarter.

\$3,643.50 of DOE funds was expended in the quarter.

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