



## **LOCKWOOD MARINE INC.**

### **Letter of Recommendation**

Precision Heavy Haul was intimately involved, as a subcontractor to Lockwood Marine, in the overland transportation of a Main Propulsion Unit Reduction Gear from Northrop-Grumman, Sunnyvale, California to the Gulf Stream Marine Terminals in Houston, Texas. This reduction gear, 20' 2" long x 12' 9" wide x 15' 5" high and 164,500 pounds in weight, is a state-of-the-art piece of equipment and an integral component in the U.S. Navy's Virginia class submarine program. It is valued at approximately \$50 million dollars.

Precision used a hydraulic spreader 11 axle combination trailer along with push and pull tractors to conduct the move. The dimensions of the loaded trailer were 160' long, 21' wide, 17' 6" and 354,000 gross weight. The traveled route included California, Arizona, New Mexico and Texas and the project lasted approximately three weeks.

Because of the size of this piece, the number of jurisdictions involved in the route and the time constraints of the move, this project posed a complex coordination effort on a number of fronts, including working with state/local authorities, utilities and police, to generate the permits and all the necessary police escorts and other assets needed to make a safe move. Precision performed this task with ease. In addition, their equipment was top-notch which made a very positive impression with our customers when they arrived in California for the load out.

I appreciate the effort that Mike Poppe and his crew put forth on my project. They worked diligently to uncover and remove the potential problems that a project of this magnitude invariably produces and as a result, Precision Heavy Haul delivered the reduction gear to its destination undamaged and within the required schedule.

I look forward to working with them again on a future project.

  
John Schaffner  
Vice President