

Linear Slides from PBC Linear Assembled in Underwater Drill

Rockford, IL – April 20, 2009

Deep underwater in the Gulf of Mexico, PBC Linear is providing smooth and precise linear motion for submarine oil pipeline maintenance and repair. Using their Linear Slide Technology (LST), which implements PBC Linear self-lubricating Simplicity® products and patented Frelon J® liner for long-lasting wear life, an engineering company who specializes in designing custom-need products crafted a drill supported by PBC Linear control and guidance. This newly designed underwater drill allows for highly accurate and targeted repair of submarine oil pipelines that funnel a wide assortment of fuels to the US.

Submarine oil pipelines lie on the waterbed in lakes, rivers, and—in this case—gulfs. They are utilized for transportation of fuels such as natural gas, kerosene, diesel fuel, and propane. These pipes periodically require maintenance and repair; however, since they are located on the bottom of the ocean floor, a special drill assembly is needed to complete the task. The entire repair operation necessitates the drill to be man-operated, since the drilling and repairing entails subtle and careful fine tuning. Designed with PBC Linear's 2HCR linear slide, the drill assembly could be easily adjusted and calibrated by hand, even underwater.



The 2HCR hand crank linear slide provides specialized linear motion and exceptional control. Outfitted with proprietary stainless steel Simplicity® self-lubricating bearings, shafting, and Frelon J® liner for enhanced corrosion resistance, the 2HCR linear slide is well-suited for the underwater environment,

EDITORIAL CONTACT:

Zach Olson - Marketing Assistant
(815) 389-5659 • (800) 962-8979
zach.olson@pbclinear.com

LINEAR MOTION SOLUTIONS

6402 E. Rockton Road
Roscoe, IL 61073 USA
www.pbclinear.com

NEWS RELEASE



constant salt water immersion, and load capacities required for the application. The cast aluminum counterbalanced hand crank with ball screw lock puts the control solely in the operator's hands and facilitates easy modification and use. The end result was a highly accurate drill that could carefully bore through the concrete oil pipes for enhanced maintenance and repair.

For more information the 2HCR, Linear Slide Technology (LST), or any other PBC Linear products, please call 1.800.729.9085, email to marketing@pbclinear.com, or visit our LST dedicated web page at LST.pbclinear.com.

EDITORIAL CONTACT:

Zach Olson - Marketing Assistant
(815) 389-5659 • (800) 962-8979
zach.olson@pbclinear.com

LINEAR MOTION SOLUTIONS

6402 E. Rockton Road
Roscoe, IL 61073 USA
www.pbclinear.com