SIMS Pump Company Delivers Non-Corrosive & Non-Magnetic Seawater Fire Pumps for the US NAVY

SIMS Pump Company located in Hoboken, New Jersey has designed and engineered structural graphite composite fire pumps for the United States Navy which are light weight, non-magnetic, and will never corrode in Salt Water. These pumps are manufactured from **SIMSITE®,** a patented structural composite manufactured by SIMS which Never corrodes in Salt Water, Waste Water, or Chlorinated water applications and is excellent for many chemical applications. The fibers in the **SIMSITE®** structural graphite composite are continuously interwoven in a tri-dimensional weave enabling the pump to achieve outstanding mechanical properties. All **SIMS** Pumps are US Navy Shock and Vibration qualified. These **SIMS** pumps replace type 316 Stainless Steel and Monel pumps for the Mine Sweeper Class Vessels.

The **SIMS** **MCM Seawater Fire** Pump is engineered and designed to operate at a **Capacity** of **250 GPM @ 280 FT Head @ 3600 RPM with a 40 HP** Mil Spec Motor. **SIMS** has delivered (9) nine MCM fire pumps for the mine sweepers so far. Each vessel will have three fire pumps aboard. Three pumps were delivered and installed on the USS Pioneer and the USS Warrior, and the other 3 went to a mine sweeper located in another location. Three (3) more pumps are scheduled to be delivered to the USS Devastator later this year.

The SIMS MCM Fire Pump on a test rig in California prior to installation on board the mine sweeper.

The US Navy and other Navies around the world have been replacing and upgrading metallic Impellers, Casing Rings, and Pump Parts with **SIMSITE®** **Impellers & Rings for over 30 years, because of the excellent corrosion, erosion, and cavitation resistance and the excellent life cycle, value, and longevity that the SIMSITE®** products provide. The US Navy has been using **SIMS Pumps** for over 10 years with outstanding results!

The **SIMS** MCM Seawater Fire Pump is mounted vertically onboard the Navy vessel and must fit into extremely tight space. The pump must not only corrode, but must also be completely non-magnetic and light weight.

SIMS PUMP COMPANY

SIMSITE® Structural Composite Pump

Series: MCM Fire Pump

Size: 3 x 2 x 10

Drawing #: NS 18436-V40

NSN #: 4320-01-237-9513

Operating Point: 250 GPM @ 280 FT @ 3600 RPM Imp Dia. = 8.50" Motor: 40 HP