

Statement of Work

Iver2 Vehicle Accessories

The vendor is to supply accessories for the NRL owned IVER2 underwater vehicle. The NRL owns 3 vehicles, so we require one system per vehicle for a total of 3 systems.

This will be an Inertial Navigation System (INS) to utilize KVH Industry Fiber Optic Gyro technology. The system must be able to provide underwater position of the vehicle with accuracy of $\pm 0.08\%$ of the distance vehicle travels. The INS also includes a 4 Beam Row Technologies 600KHz Doppler Velocity Log with sea current profiling and 120 meter depth range.