

Underwater Systems Group

The Underwater Systems Group (USG) deals with technologies and systems, applied at undersea and land-based ranges and in-water test facilities. These technologies and systems include underwater tracking ranges, oceanographic and in-water environmental measurements, undersea data telemetry and communication, acoustic monitoring and measurements, magnetic and optical sensing, water surface impact location and scoring for missiles and other weapons, underwater explosion shock qualification, and acoustic beacons and pingers. Furthermore, the USG explores, applies, and assists in the development of ocean engineering technologies, systems, and support equipment, as well as technologies and systems related to underwater recovery, underwater construction, stable ocean platforms, portable undersea ranges, buoyed instrumentation, and undersea cables and cable protection.