



SUBMARINE RESCUE ALLIANCE SERVICES

MAINTENANCE

Submarine Rescue Alliance maintenance programs cover the full spectrum of system upkeep requirements. We design and execute preventive maintenance schedules that minimize system downtime and reduce malfunctions during operations. In the event of a failure, SRA personnel efficiently troubleshoot, plan and implement corrective action, and restore the system to operational capability. We follow-up failures with a comprehensive analysis of the failure mode and modify procedures to help preclude similar failures in the future. We also track maintenance trends and engineer solutions for recurring system or component failures. Team SRA maintenance experience encompasses military and commercial underwater systems in Australia, Canada, France, Italy, Turkey, and the United States.



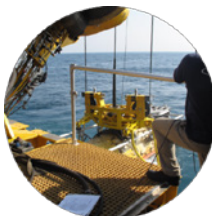
OPERATIONS

Team SRA operates underwater systems worldwide including the US Navy's SRDRS system and Supervisor of Salvage and commercial ROVs. We are recognized world leaders in the most challenging ocean operations including: aircraft black box and material recover for Air France Flight 447 near Brazil, the investigation of the Deepwater Horizon oil rig failure in the Gulf of Mexico, the exploration of the Titanic, and the search for Amelia Earhart's airplane. SRA routinely mobilizes SRDRS worldwide and has achieved well over a hundred manned dives, 26 successful submarine mates, and the transfer of 376 personnel under simulated submarine rescue conditions. We develop and maintain up to date every aspect of the submarine rescue sequence.



LOGISTICS

Team SRA manages thousands of parts in support of mobile underwater systems including SRDRS, Submarine Rescue Chambers (SRCs), a wide range of ROVs in both commercial and military applications, and the Atmospheric Diving Systems - (ADS) 1200 and 2000. We plan and execute the movement of SRDRS, SRC and ADS systems throughout the world including load planning, aircraft and ship chartering, contracting of trucks, cranes, forklifts, and other support equipment, and ship husbandry support functions. The team sequences the movement of all loads to permit rapid assembly of the system, which minimizes the time to first rescue worldwide.



TRAINING

The Alliance develops comprehensive training programs and materials to (1) achieve and maintain operator and maintenance technician proficiency, (2) respond to and prevent operational deficiencies, and (3) realistically practice all phases of rescue operations to streamline the rescue timeline at every opportunity. Training programs are customized to the needs of the client and may include self-study materials, classroom curriculum, hands-on instruction, mock exercises, and pier-side training to reinforce theoretical concepts and develop a deep and practical knowledge of the systems and their safe, effective operation.



QUALITY ASSURANCE AND CERTIFICATION

The SRA incorporates exacting QA standards - including US Navy Deep Submergence System requirements - to maintain certification of the SRDRS, and has successfully done so for over ten years through rigorous enforcement of all QA requirements. We research, write, and execute detailed and comprehensive work procedures, screen and audit vendors, and maintain inventories of certified parts. We self-audit our QA practices and documentation to ensure compliance and pro-actively develop improvements. We can modify our QA program to incorporate a wide variety of maintenance standards and certification requirements to comply with virtually any government or certifying agency requirements.



SYSTEM INTEGRATION AND INTEROPERABILITY

Several nations are acquiring dedicated ships and associated intervention and rescue equipment to support submarine rescue while relying on the US or NATO rescue vehicles to conduct the rescue operations. This reduces costs and improves the time to first rescue. Turkey is the first nation to fully embrace this approach and the Submarine Rescue Alliance is providing full system integration services and hardware to support this type of approach to rescue.

We can maintain configuration control to ensure interoperability of compatible systems and reduce life cycle costs through the efficient procurement of replacement parts across similar systems.

ENGINEER/DESIGN/BUILD

Team SRA can engineer and design specific solutions to your rescue and intervention needs. We offer extensive experience in efficiently developing components, systems, and procedures to function in the harshest of environments worldwide and achieve superb results.



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