



Risk Management - Defence

SEA's track record in providing effective risk management to the Defence industry has been earned over diverse projects, including direct risk management and the delivery of risk reduction programmes.

Representative projects include:

- Extensive project office support to the Sonar 2087 project including: risk assessment and management;
- Hazard and safety analyses and risk management for the NATO TRACSVAN system, a mobile electronic warfare simulator for use during exercises;
- As part of the Future Dismounted Close Combat Research (FDCCR) the technical risk reduction of enabling technologies;
- Under the Virtual Ships Technology Arrangement (VISTA), and as a de-risking exercise, the modelling of high-risk interfaces between defence equipments:
 - Candidate transfer rigs for the future Maritime Replenishment Ships, enabling the performance of the equipment and the interaction of the vessels in a wide variety of sea states to be trialled and explored in a benign and safe environment;
 - Predicting the behaviour of a UUV in and out of the water and the dynamic loadings on the recovery crane;
 - Under the Ship Air Interface Framework (SAIF) provision of a technical enhancement to the Merlin helicopter simulator at RNAS Culdrose to support the rapid inclusion of new ship platforms from which the helicopter can operate, removing the risk (and expense) of live trials but also enabling the full operating envelope in all extremes of weather conditions to be explored.