

Australian Marine Technologies



Systems Integration

As a true multi-disciplinary naval ship design office, AMT offers a whole-of-ship design process for the integration of complex systems, for new design, new capability, technology refresh and obsolescence management across all technical domains.



AMT's knowledge and experience of working within the Navy's Technical Regulatory System and working with the various System Program Offices (SPOs), utilizing its technical

capability with experience across a multitude of ship classes coupled with its technical expertise, provides our customers with excellence in the integration of systems of all sizes and all levels of complexity to support the Fleet in its mission to fight and win at sea.

AMT has provided design for systems integration for numerous projects,...

...from the complete design for the conversion of MT Delos to the Fleet Oiler HMAS SIRIUS, through major compartment refits on the LPAs, the integration of the Advanced Harpoon Weapon System and the integration of an active phased array radar system for its first fit on an ANZAC Class (the CEAFAR to Sea Project), to the integration of the Digital Voice Recording System and Maritime Collaborative Intelligence System which will equip multiple Classes of vessel throughout the RAN Fleet.

AMT was also contracted to the LPA Bunyip project and following the initial design contract AMT was contracted to provide Project Management Support Services to the Commonwealth during the Installation Phase of the Project which involved equipment procurement and day to day onsite management of the Installation.



AMT was then further engaged to provide EMSEC Control Officer services. In the CEAFAR to Sea project, the integration design represented a challenge,

as it was the first actual integration of the CEAFAR system onto a ship. This was further complicated by the need to ensure that as

a trial system it could be fitted and operated in the hostile maritime environment, yet be removed after the trial with minimal disruption to the ship and its existing systems.

AMT is proud of the major part it has played in the successful installation of the CEAFAR Trial which was instrumental in the CEAFAR system being selected for the ANZAC Anti Ship Missile Defence (ASMD) upgrade. For systems integration, AMT provides a true multi-disciplinary Naval Ship design office with a depth of experience across the RAN Fleet and with the Navy Technical Regulatory system. AMT can integrate your system no matter how small or large, across any and all ships in the Fleet.

