

Platform Design

introduction

The SSMG Platform Design team provides technical support to the management of the Platform Design Intents for Swiftsure, Trafalgar and Vanguard Class submarines. Specific services include:

- Professional point of contact and support to platform Design Authority staff
- Development review and management of design change
- Technical investigations and impact studies
- Platform issues capture, interpretation and management
- Definition and development of task and procurement programmes
- Conduct and/or management of specific tasks
- Design performance and capability monitoring and assessment

In addition to the primary interface to the SubIPT platform Design Authority, the SSMG Platform Design team also provides support to the Submarine Escape and Rescue & ISOLUS groups. Close liaison is maintained with other technical authorities, including SRD, Equipment IPTs, STG, NPIPT, DPA IPTs, and industrial equipment suppliers and consultancies.

capability

The SSMG Platform Design team core skills are naval architecture, structures engineering, marine systems and mechanical engineering, electrical and electronic engineering and project management. Two thirds of the team are graduates and one third are Chartered Engineers with the RINA, IMechE and IEE.

The group has been selected to contain a range of experience and skills appropriate to the design, operation and support of nuclear submarines. Staff are drawn from the following principal areas:

- Ex-Royal Navy submariners;
- Ex dockyard design and commissioning staff;
- Marine Industry.

The capability of the SSMG Platform Design team is augmented by other specialist system and equipment expertise which may be drawn from the SSMG teaming companies and selected sub-contractors. This flexibility in approach ensures the Customer's requirements are met in a timely and effective manner.

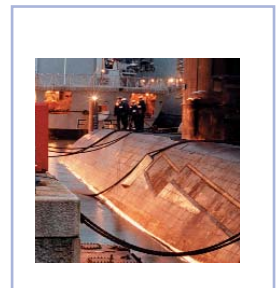




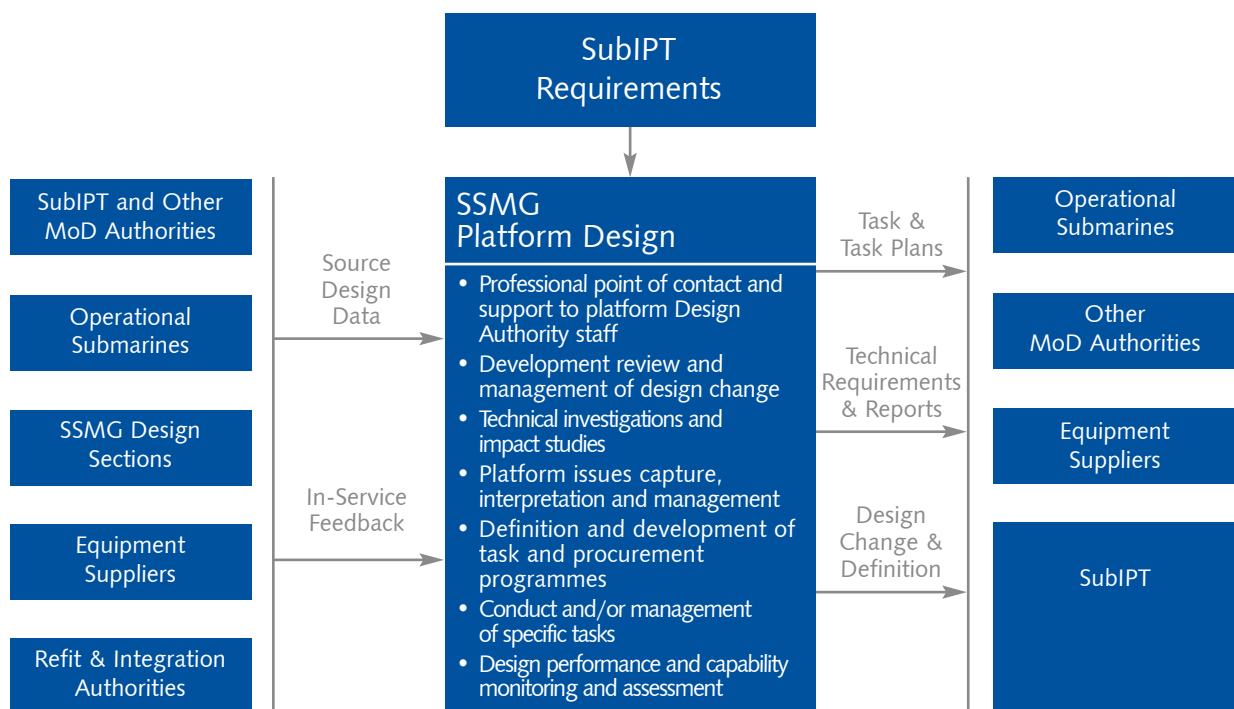
The SSMG Platform Design team is supported by a comprehensive suite of information systems, which are used to develop, track and manage the specific tasks and access engineering support.

These include:

- Submarine Definition Database/Submarine Equipment Data Record (SDD/SEDR)
- Management Information Systems (MIS)
- Collaborative Working Environment (CWE)
- SUBIPT Hazard Log
- System Performance and Review (SPAR)
- Issues and Risk Management Systems (IMS & RMS)



functions



contact



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