



Weapons Installation Design

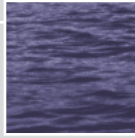
introduction

Part of the Combat Systems Group, this multi-disciplinary group provides the technical management for the provision of, and support to, weapons Alterations and Additions Specifications on behalf of the Submarine Support IPT. Within this broad scope a number of inter-related and supporting activities are conducted:

- Production & maintenance of Level 2 & 3 A&A Specifications including weapons voids management
- 3D CAD modelling for compartments and access routes
- Investigation and response to weapons A&A Specification related Specification Change Inquiries (SCIs) and Refit Inquiries
- Provision of products to the Datum pack
- Generation and update of the A&A Forward Planning Chart
- Review and reporting of errors and omissions within Equipment Guidance Packages
- Provision of on-site External Communications support
- Assistance in resolution of weapons installation engineering enquiries

Close liaison with other Combat Systems Groups and other technical groups of the SSMG, including the Platform, Data and Safety departments ensures the timely delivery of quality products on behalf of the SubIPT.





capability

All team members have previous technical experience of submarines or submarine related projects. They are drawn from a variety of professional backgrounds comprising

- ex-Royal Navy submariners,
- ex-MoD employees, and
- commercial defence contractors.

This submarine expertise is essential in providing the foundation for a comprehensive product and particularly relevant is the rich mix of both SSN and SSBN experience provided by the team.

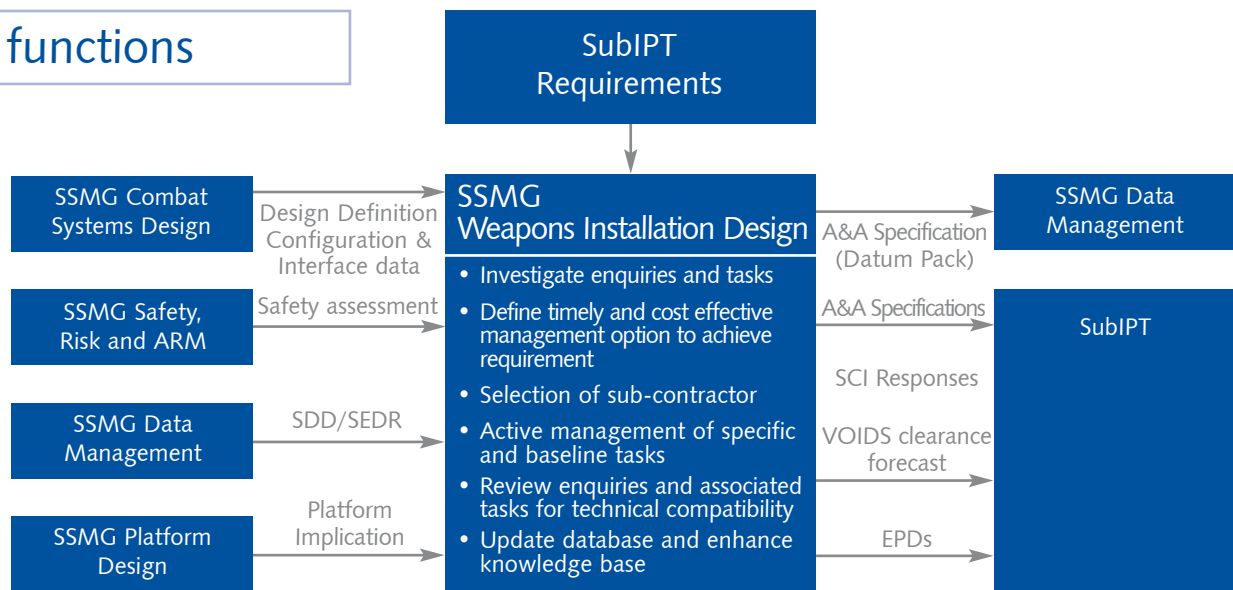
Complementary skills provided by them include

- electrical design,
- constructive design,
- mechanical design,
- communications equipment configuration, and
- project management.

These activities are conducted predominantly in-house with the production element of the A&A Specifications being generally provided by selected sub-contractors. Various IT tools and databases are employed to achieve a quality product, including

- Submarine Definition Database/Submarine Equipment Data Record (SDD/SEDR)
- SiCAD-RO
- Issues and Risk Management Systems
- Microsoft ® Project

functions



contact



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