

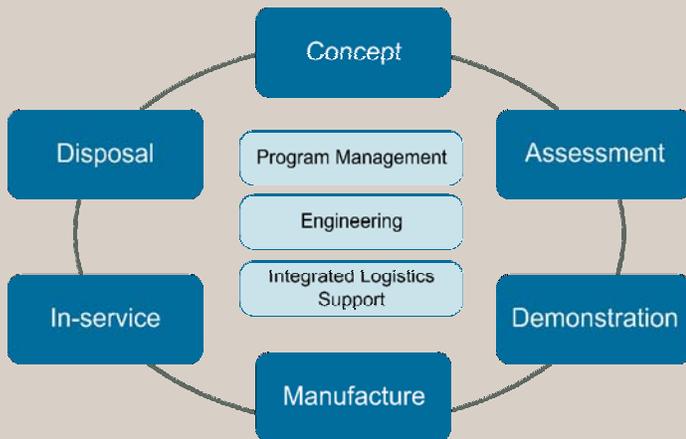
“Where will our knowledge take you?”



Shaping Your Future Defence Capabilities

Planning and Design

Countries need to maintain effective defence forces to respond to evolving and emergent threats. BMT Fleet Technology (BMT) is an independent centre of excellence that conceives, designs and introduces complex and capable systems for defence platforms.



Whole-Life Design and Engineering Services

BMT offers end-to-end engineering through the entire design life cycle, from early concept design through to disposal. Independence from original equipment manufacturers' interests allows BMT to focus on customers' needs when delivering design, engineering and program management services.

Joint Support Ship (JSS)

BMT supported the Canadian JSS project office, providing concept studies, preliminary designs, safety assessments, through-life support assessments and a contract design concept to allow value for money comparisons.

Design

Beyond concept development, BMT has participated in a range of future platform developments. Customers benefit from knowledge of emerging technologies stemming from BMT's heritage as a research and development (R&D) organization and ongoing investment in R&D programs.



Costing and Investment Appraisal

BMT's unbiased perspective ensures customers receive assured and accurate information in the critical elements of costing and investment. BMT has provided significant support in the development and management of life cycle cost models, the BMT advantage being the ability to consider design effectiveness for optimum life cycle costing. Unique utilization modelling techniques and cost models built upon many years of data and experience enhance the return for all stakeholders.



Material Assurance and Design Assistance Services

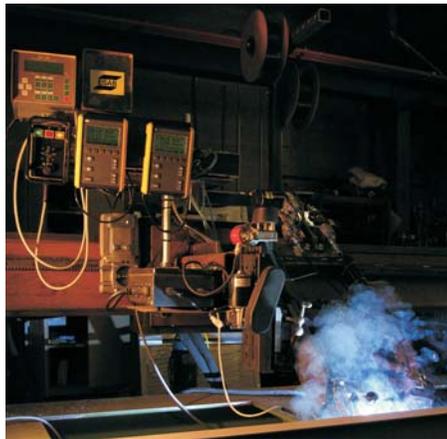
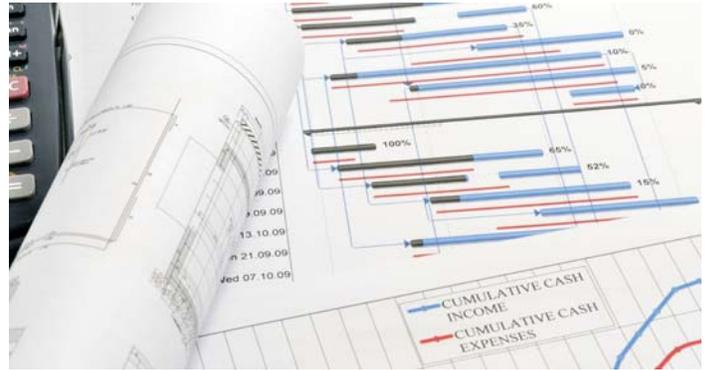
One of the critical challenges in vessel design is putting in place the related engineering and oversight processes and functions to ensure the design is safe, effective and efficient. BMT has extensive experience helping customers establish design authority and design agent programs, either through skill transfer, process and program development, or by undertaking aspects of the work directly.

Through-Life Support

BMT Fleet Technology has capabilities that span the defence support spectrum, providing customers with impartial and independent technical support for their military projects based on optimized achievement of military capability.

Project Management and Business Support

BMT is able to manage the challenging transitions through all phases of a project using a range of earned value, schedule and risk management techniques. Through independence and impartiality, BMT can assist at the sensitive interface between customers and contractors, enhancing the project value for all parties.



Through-Life Support

BMT provides support for in-service platforms, systems and equipment, providing a firm grounding for future improved designs and feedback that can lead to increased capability in existing platforms. These same techniques are also applied in through-life support where skilled teams are able to respond quickly with engineering change designs, encompassing minor alterations to major capability upgrades.

United States National Shipbuilding Research Program (NSRP)

BMT conducts research and development projects in support of shipbuilding in the United States specializing in welding, metallurgy, fatigue and fracture testing.

Environmental Risk and Safety Support

In the defence community, BMT has provided support in the development and management of standards that sit at the heart of safety and environmental regimes in almost all defence projects. BMT's deep technical know-how and front-line experience are the perfect ingredients for pragmatic and impartial safety and environmental advice.

Information, Documentation and Training

Critical elements of through-life support are the maintenance of technical documentation and the development and maintenance of the many ancillary capabilities that are associated with defence related projects.

Victoria In-Service Support Contract (VISSC)

BMT is working alongside the in-service support contractor for the maintenance and upgrade of the Victoria class submarines, providing systems engineering expertise, project management, and submarine configuration and design leadership to this project.



BMT Fleet Technology is an independent Canadian consultant company specializing in engineering, science and management services in the defence, energy and transport sectors.

BMT supplies customers with unbiased solutions and trusted and experienced professionals who provide proven capability to a broad range of complex engineering and program management challenges.

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fleet@fleetech.com
www.fleetech.com

Head Office - Ottawa

311 Legget Drive
Kanata, ON, Canada, K2K 1Z8
Tel: +1 613 592 2830
Fax: +1 613 592 4950



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