

“Where will our knowledge take you?”

## Integrated Logistics Support

### What is ILS?

Integrated logistics support (ILS) processes are used to plan how products will be supported over their life cycle. In the marine transport industry, effective use of the ILS processes can significantly improve a ship's reliability resulting in increased ship availability and cost efficiencies.

ILS products comprise:

- Design features to improve maintenance and repair
- Technical data
- Training programs
- Shore support infrastructure
- Spare parts and repair materials

### Why have an ILS program?

Modern technology and innovative designs have permitted ships to be manned with minimal crews, although the safe handling of these ships requires the correct functioning of many complex systems. To keep a ship functioning and serviceable, the operation and maintenance of these systems require crews armed with the appropriate knowledge, skill sets, critical parts and tools to rapidly and effectively implement preventative and corrective maintenance.

It is the application of ILS analysis processes that will identify which ILS activities are needed to ensure a ship is operated in the most cost effective manner.

Originally developed for new designs, ILS has proven to be equally effective in supporting existing systems. Updating the maintenance program to reflect the needs of the ship in service and its use in the support of vessel modifications is a cost effective solution that many owners now recognize.

### Increased Reliability

ILS processes can significantly improve ship reliability and have a positive impact on life cycle cost.



### Solutions for all Life Stages

Whether a new or an existing design, if you are interested in improving your ship's cost effectiveness, contact BMT.

### ILS Services

BMT Fleet Technology (BMT) offers a full range of ILS services for ship owners. For new vessels, BMT can design and deliver all of the ILS products in a format compatible with your business. Working with clients, BMT designers can develop a fully integrated program including all of the necessary materials and documentation to support the ship in operation.

For existing vessels, BMT can provide maintenance update services by analyzing ship and

system performance to identify the maintenance and cost drivers specific to your ship. After identifying these drivers, modifications to operations, maintenance or, in some cases, the equipment can be created to reduce the overall cost of operation.

If your ship is already under construction, BMT can assist in identifying and obtaining the ILS products your crew will need to become more cost effective.



### BMT Fleet Technology Limited

311 Legget Drive, Kanata, Ontario, K2K 1Z8 Canada

Tel: +1 613 592 2830 | Fax: +1 613 592 4950

Email: [fleet@fleetech.com](mailto:fleet@fleetech.com) | Web: [www.fleetech.com](http://www.fleetech.com)