Marine Technologies LLC (MT) is a U.S.-based company dedicated to providing superior vessel control solutions to the international offshore and commercial shipping industries. MT's products include dynamic positioning systems, integrated bridge systems and advanced VSAT communications. The company is headquartered in Mandeville, Louisiana, with offices in Norway, Singapore and Brazil.

MT was established in 2002 with a goal to develop a better dynamic positioning (DP) system. Within sixteen months, the first vessel equipped by MT was awarded a DP-2 classification by the American Bureau of Shipping (ABS).

Today, MT has become a one-stop resource for the shipping and offshore industries, offering a variety of cutting-edge vessel control systems and related services. MT produces and delivers type-approved DP systems of all IMO classes, as well as less complex DP and joystick solutions. If it's sophistication that's needed, MT's Bridge Mate™ Integrated Bridge System (IBS) holds the DNV (Det Norske Veritas) type approval of NAUT AW – the most comprehensive bridge class notation in the industry today.

Completing MT's range of services is C-Comm™, a telephone and satellite communication solution that partners with VSAT, antenna providers and Intelsat – the world's largest satellite communications operator – to offer customers seamless global coverage at affordable prices.

**Bridge Mate™ DP System**

MT's initial objective was to develop a superior DP system in compliance with the International Maritime Organization (IMO) guidelines for a DP 2 class system. Since equipping its first vessel, the M/V Amber (a 280' OSV owned by Edison Chouest Offshore) with its first DP 2 system, MT has delivered more than three hundred DP systems worldwide, the majority being DP class 2.

The overall goal for Marine Technologies is to support market demand with cost-effective DP systems that provide extra value based on:

• Added safety through functional design and software
• Reduced installation cost and commissioning time
• Reduced service cost and improved spare parts availability
• Remote operation and service assistance to fleet management
The Bridge Mate™ Integrated Bridge System (IBS) concept is based on segregated architecture comprising a dual redundant network, flexible console and monitor solutions, and extremely durable marine-approved computers without fans or hard disks.

The Bridge Mate™ IBS is designed to optimize the human-machine interface, taking into account that different information is required depending on the type of operation at hand. All applications, including ARPA radar, ECDIS, conning, ICAS, cameras, sensor control and monitoring, are readily available on any Multi-Function Workstation (MFW), giving the operator unique redundancy and flexibility. As an option, MT offers secure satellite communication solutions for remote diagnostics and monitoring of IBS functions, enhancing operations and enabling more cost-efficient system maintenance.

While Marine Technologies has targeted the offshore market, the Bridge Mate™ IBS is adaptable to the requirements of all sea-going ship types. It is designed to meet all International Maritime Organization (IMO) and classification society requirements, all the way up to one-man bridge operation.

C-Comm™ is an end-to-end communications solution with a complete range of VSAT technologies (above and below deck), global C and Ku band coverage through a strategic cooperation with Intelsat, and a range of value added services to support quality of life and efficient ship operations.

C-Comm™ offers a new realm of communications options to the maritime marketplace, including VoIP phones, vessel tracking, weather service, ENC, content management, GSM and much more – all available with Ku band and global C band coverage.

**MT C-Comm™ Benefits:**

- Provides a comprehensive communications package with Ku band and C band services in a secure manner
- Ensures accessibility through global coverage
- Enhances user-friendliness through seamless roaming (automatic beam switching)
- Increases the welfare and well-being of the crew through voice, Internet, e-mail, entertainment and health care (telemedicine) options
- Enhances operational cost-efficiency through the availability of remote monitoring, diagnostics and maintenance, and distant learning/training
- Ensures predictable cost through flat rate fees
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