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Accelerating marine digital transition with major new software release

James Fisher Mimic (JFM) launches significant upgrade to condition monitoring technology for global maritime and marine defence sectors.

- JFM launches Mimic 5, the latest version of its condition monitoring (CM) system.
- Developed to accommodate big data, Mimic 5 is cloud-based, compatible with a wide range of data collection methods and fully fleet-enabled.
- Mimic 5's new features and enhanced capabilities will further improve vessel reliability, increase uptime, enhance safety and save maintenance costs.

Trusted by leading cruise vessel owners, prominent global commercial ship operators and the UK's Royal Navy and Royal Fleet Auxiliary, Mimic is renowned for its powerful ability to seamlessly capture, connect and combine any vessel data. This data provides actionable insights into machinery health and performance on any fleet, anywhere in the world and at any time. Mimic 5 represents a significant upgrade of JFM's leading condition monitoring technology, with new features and enhanced capabilities to further improve vessel reliability, increase uptime, enhance safety and save maintenance costs.

Through automated, online and wireless data collection from vibration sensors, process sensors and vessel control systems, Mimic 5 enables condition and performance monitoring of machinery, vessels and fleets. The technology analyses vibration data, fluid quality, performance and efficiency to inform a data driven proactive maintenance strategy. Driven by client feedback, Mimic 5 is fully fleet enabled meaning clients and navies with fleets around the world can compare vessel data within one central platform – improving reliability and increasing uptime.

Aligning with emerging technologies and techniques within the maritime and military sectors, Mimic 5 is capable of viewing big data in a cross-platform, browser-based application with an improved high-performance data visualisation interface. Fully compatible with cloud-based environments, Mimic 5 is paving the way for a holistic maintenance approach, reducing maintenance, increasing efficiency and saving money.

Paul Mount, general manager at JFM says:

“Mimic 5 has been several years in the planning and has been created following close and extensive engagement with our customers to ensure Mimic 5 provides significant benefit and



even more compelling value, helping vessel owners and operators on their digitalisation journey from a maintenance perspective.

The technology has been designed and developed in-house by our own software development team, allowing us to ensure we deliver yet another reliable and robust software, and one which can accommodate big data, is cloud-based and is compatible with a wide range of data collection possibilities making it really this and next generation ready.”

Moving towards predictive maintenance strategies, improving the overall health and performance of individual vessels and fleets will help to reduce environmental impact – supporting the push for operators to implement digital solutions.

JFM form part of James Fisher Asset Information Services (AIS) the Group’s digital centre of excellence, with a team of data scientists and AI specialists. AIS drives innovation, design and deploys new value-adding technologies to its global maritime and oil and gas clients.

For more information about Mimic 5, visit: www.jfmimic.co.uk/mimic-5

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Notes to editors:

James Fisher Mimic (JFM) provides maintenance software and consulting services to the defence and commercial sectors of the international shipping industry. The company provides products and services with the sole purpose of optimizing a shipping organisation’s maintenance system and operations. It has provided reliability engineering and condition monitoring solutions in marine sectors ranging from the military to cruise fleets. JFM works with customers to define a clear direction for maintenance planning and control, implementing systems and processes that maximise the use of technology in a logical way. The company was first established in 1986 as a division of Wolfson Maintenance Engineering, specialising in the provision of reliability engineering and condition monitoring. In 2003 the business was acquired by James Fisher, and has continued to develop the software and the services it offers. For more information see www.jfmimic.co.uk

James Fisher Asset Information Services Ltd

James Fisher Asset Information Services (AIS) enables asset owners and operators to enhance business performance through informed decision-making – providing transparent, value-added digital solutions that deliver results and drive safe and effective asset management.

With the identification, integration, and interrogation of collected data, AIS provides comprehensive digital asset management solutions that unlock new ways for customers to be more efficient, productive and to reduce costs. The suite of field-proven digital products and professional solutions we offer includes, machine control, visual asset management,

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real-time tracking, remote safety management, weighing and measurement, decision support, operational modelling, condition monitoring, IoT platforms, control of work, and other highly specialised systems.

We support customers to harness the value of information they have by intelligently linking data together which empowers them to make effective and efficient decisions in real-time.

AIS owns and operates industry-leading digital solutions that are deployed in a diverse range of global markets, including nuclear, defence, oil and gas, mining, offshore renewable energy, marine, transport and infrastructure, and construction. For more information visit www.jf-ais.com

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