Meyer Werft Deploys Dassault Systèmes' 3DEXPERIENCE Platform for Industry 4.0

"On Time to Sea" and "Designed for Sea" Industry Solution Experiences for Digital Collaborative Innovation

PAPENBURG, Germany and VÉLIZY-VILLACOUBLAY, France - December 14, 2015 – On the way in a new digital era: Dassault Systèmes (Euronext Paris: #13065, DSY.PA), the 3DEXPERIENCE Company, world leader in 3D design software, 3D Digital Mock Up and Product Lifecycle Management (PLM) solutions, and Meyer Werft, one of the world's leading cruise ship builders, today announced that Meyer Werft is deploying Dassault Systèmes' "On Time to Sea" and "Designed for Sea" industry solution experiences to more efficiently design and build its ocean-going cruise ships, enhance its innovation skills and expand its market leadership.

This deployment reinforces the long-standing cooperation between the two companies. Specifically, it supports Meyer Werft's new Technology and Development Center in Papenburg, announced in November 2015, which will pool most of the design and development work from its 500 designers and engineers who are shaping the new features and developments of its future cruise ships. It will also support additional teams in Papenburg and at sites in Rostock, Germany and in Finland that are involved in building ocean-going cruise ships, river cruise ships, ferries and other vessels.

Building cruise ships is a particularly complex task compared to other industries. One cruise ship is made of more than 10 million individual parts and assemblies, compared to about one million parts for today's largest passenger airplanes and about 10,000 parts for a car. The complexity, diversity and large volume of data involved require efficient solutions to design and build ships that stand out from those of competitors.

With "On Time to Sea" and "Designed for Sea," based on the 3DEXPERIENCE platform, Meyer Werft's design and development teams can now rely on a unified digital environment to monitor the entire lifecycle of a ship, from its construction and operation to its decommissioning decades later. Virtual design, engineering and project management applications help seamlessly address complex needs in product development and process requirements.

"Since the 1980s, we've continually optimized cruise ship design with state-of-the-art technologies and, now, a new age is beginning," said Philip Gennotte, Technical Director Meyer Werft. "Today's shipbuilding is a highly modern industry that requires a combination of ideas, knowledge and technology in order to introduce sophisticated, future-oriented touristic concepts. Thanks to the 3DEXPERIENCE platform, we can foster collaborative creativity that fulfills the highest technical demands of customers worldwide from hull shape, hydrodynamics and fuel consumption, to capacity and onboard comfort and entertainment."

"Meyer Werft has been a long-term customer and partner of Dassault Systèmes and, by adopting the 3DEXPERIENCE platform and industry solution experiences, can differentiate itself in the marketplace," said Alain Houard, Vice President, Marine & Offshore Industry, Dassault Systèmes. "Each cruise ship is a highly complex, large-scale project that must satisfy customer requirements as well as meet stringent safety regulations. Meyer Werft can efficiently manage this complexity while ensuring high quality standards that, ultimately, help its cruise line customers offer a best-in-class passenger experience."

For more information on Dassault Systèmes' products and services for Marine & Offshore, visit http://www.3ds.com/industries/marine-offshore/

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About Meyer Werft
Founded in 1795, Papenburg-based MEYER WERFT has meanwhile been owned by the seventh generation of the Meyer family. This well-established company has some 3,300 employees. MEYER WERFT's extensive production program covers a wide range of ship types, from cruise ships, gas tankers and passenger ferries. In order to stay successful in worldwide competition, production technology has been continuously extended. Today, MEYER WERFT has the most modern production premises in the shipbuilding industry.

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About Dassault Systèmes
Dassault Systèmes, the 3DEXPERIENCE Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes' collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 190,000 customers of all sizes, in all industries, in more than 140 countries. For more information, visit www.3ds.com.

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