

Press Information

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Tognum upgrades MTU Series 2000 yacht engines

- **Compliance with U.S. emissions stage EPA Tier 3 Recreational in 2014 without exhaust gas aftertreatment**
- **Compliance with emissions stage IMO Tier III with SCR exhaust gas aftertreatment in 2016**

Friedrichshafen, Germany, 27 August 2012. Tognum, the specialist for propulsion and power solutions, is to develop its MTU Series 2000 yacht engines for compliance with U.S. EPA Tier 3 Recreational and IMO Tier III emissions regulations. The new Series 2000 M96 engines will be able to cover outputs up to 2,600 bhp (1,940 kW), at the same time complying with IMO Tier II and EPA Tier 3 regulations using in-engine technology only. Compliance with IMO Tier III will be possible with SCR exhaust gas aftertreatment. Despite the lower exhaust emissions, a reduction in fuel consumption will still be achieved. Acceleration characteristics will also be enhanced, even though these are already optimized on the current engines. The new engines for pleasure craft compliant with EPA Tier 3 Recreational will be available in 2014. Launch of the IMO Tier III-compliant units will take place in early 2016.



MTU Series 2000 yacht engines are being developed for compliance with U.S. EPA Tier 3 Recreational and IMO Tier III emissions regulations.

⇒ **Press photos can be downloaded from the
Tognum website: www.tognum.com/press/press-pictures/**

Tognum

With its two business units, Engines and Onsite Energy, the Tognum Group is one of the world's leading suppliers of engines and propulsion systems for off-highway applications and of distributed power generation systems. These products are based on diesel engines with up to 9,100 kilowatts (kW) power output, gas engines up to 2,150 kW and gas turbines up to 45,000 kW.

The product portfolio of the Engines business unit comprises MTU engines and propulsion systems for ships, for heavy land, rail and defense vehicles and for the oil and gas industry. The Onsite Energy business unit supplies distributed power generation systems carrying the MTU Onsite Energy brand. These comprise diesel engines for emergency power, prime power and continuous power, as well as cogeneration power plants based on gas engines and gas turbines that generate both power and heat. Tognum's product portfolio also features fuel-injection systems built by L'Orange.

In 2011, Tognum generated revenue of around €2.97 billion and employs more than 10,000 people. Tognum has a global manufacturing, distribution and service structure with 24 fully consolidated companies, more than 140 sales partners and over 500 authorized dealerships at approximately 1,200 locations. Since September 2011, Engine Holding GmbH, a joint venture between Daimler AG and Rolls-Royce Group plc, has a majority holding in Tognum.