

VOLVO PENTA

Volvo Penta of the Americas

Press Information

Volvo Penta to Showcase IMO Tier III Diesel Engine Technology at WorkBoat Show

Global Solution for Commercial Marine Operators to Meet Coming Emission Restrictions

(CHESAPEAKE, Va.) – Nov. 29, 2017 – At the 2017 International WorkBoat Show, [Volvo Penta](#) is previewing its new engine and aftertreatment concept to comply with the forthcoming IMO Tier III standards.

Volvo Penta's IMO Tier III solution, based on Selective Catalytic Reduction (SCR) technology, reduces nitrogen oxide (NOx) emissions by more than 75 percent, exceeding the minimum specified in the IMO Tier III specification. It also reduces noise levels by up to 35 dBA.

The new IMO Tier III solution is based on Volvo Group's history with SCR technology, which has been optimized for heavy-duty marine applications. The system uses urea diesel exhaust fluid (DEF), which is mixed with exhaust gases in the SCR unit to remove NOx.

"We are able to draw on the extensive experience of the Volvo Group in emission reduction technology for trucks, buses and construction equipment. Our SCR technology is mature and thoroughly proven over many years. We see SCR as the ideal solution for marine customers because it keeps the engine working efficiently with optimized fuel consumption, without sacrificing power," said Ron Huibers, president of Volvo Penta of the Americas.

The Volvo Penta IMO Tier III solution will have undergone 20,000 hours of field testing under tough marine conditions when it is formally launched in 2018. It will initially be offered on Volvo Penta's 13-liter models, which are used for a wide range of marine applications. It will be available for inboards and IPS, as well as auxiliary engines and gensets. The new SCR version will have the same footprint as current models, and the exhaust aftertreatment system works with Volvo Penta's Electronic Vessel Control (EVC) and Marine Commercial Control (MCC) systems.

The IMO Tier III standard will come into force on engines below 600Kw when the NOx Emission Control Area (NECA) for the Baltic and North Sea is implemented in 2021. Other regions of the world will follow.

For high-resolution images, visit:

<https://www.dropbox.com/sh/7cktoabasn9cl5t/AABSqHwY9Ai2JnSoR-JvGRZGa?dl=0>.

About Volvo Penta

Volvo Penta, with approximately 3,500 dealers in over 130 countries, is a world-leading and global manufacturer of engines and complete power systems for boats, vessels and industrial applications. The engine program comprises diesel and gasoline engines with power outputs of between 10 and 1,000 hp.

Volvo Penta is part of the Volvo Group, one of the world's leading manufacturers of heavy trucks, buses and construction equipment.

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