Everllence

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Everllence Two-Stroke Dual-Fuel Technology Selected for Landmark Indian Chemical-Tanker Project

MITSUI E&S to supply ME-GI engines to newbuildings at Swan Defence and Heavy Industries

Everllence has received an order from Swan Defence and Heavy Industries Limited (SDHI), India's largest shipbuilding and heavy engineering company, for two-stroke, dual-fuel engine technology. The engines will power a series of six 18,000-dwt IMO Type II chemical tankers.

The project represents SDHI's first two-stroke newbuild contract following the revitalisation of India's largest shipyard by capacity at Pipavav, Gujarat. The project, which is also India's first order for chemical tankers, reflects India's growing ambition in commercial shipbuilding.

The first vessel in the tanker series will be powered by an Everllence B&W 6S50ME-C9.7-GI-EGRBP two-stroke engine, manufactured by longstanding Everllence licensee, MITSUI E&S Co., Ltd. The engine will furthermore be equipped with exhaust-gas recirculation (EGR) technology for IMO Tier III compliance. The engine specification also incorporates a controllable-pitch propeller arrangement, while the vessel will be built according to DNV classification requirements.

The 18,000-dwt vessels are intended for demanding North European operations and will be built to Ice Class 1A requirements.

Rear Admiral Vipin Kumar Saxena IN (retd.) – CEO, Swan Defence and Heavy Industries Limited – said, "This marks the first newbuilding contract for SDHI for two-stroke engines. Everllence and MITSUI E&S are experts in future-focused marine-propulsion technologies, and our collaboration with them paves the way for building vessels that will deliver higher efficiency with greater power output and better fuel economy. It also reflects our commitment to build the future-ready vessels that our customers expect from us."

The project arrives shortly after Everllence and MITSUI E&S celebrated 100 years of continuous two-stroke licensing cooperation, during which time MITSUI E&S has manufactured more than 7,500 B&W engines, representing more than 120 million horsepower in cumulative production.

Takeshi Iizuka – Executive Officer, General Manager of Marine Propulsion Systems Division, MITSUI E&S – said, "We are delighted to be part of this

pioneering newbuilding programme, which marks an important first step for MITSUI E&S in India's shipbuilding market. Having recently celebrated 100 years of continuous two-stroke licensing cooperation with Everllence, we will draw on our extensive experience and expertise in manufacturing large marine engines to work closely with Everllence and SDHI on this project. Through this collaboration, we look forward to contributing to the continued development of India's shipbuilding industry."

Bjarne Foldager – Head of Two-Stroke Business, Everllence – said: "This project brings together several important elements for Everllence: a pioneering newbuilding programme in India, a highly experienced European tanker operator, and one of our longest-standing licensees. We are particularly pleased that our two-stroke technology has been selected for Swan Defence and Heavy Industries' first newbuilding project at Pipavav. Together with our esteemed licensee, MITSUI E&S, we look forward to supporting SDHI in producing this important vessel series."



Aerial view of the Swan Defence and Heavy Industries Limited facility in Pipavav, Gujarat, NW India (picture courtesy SDHI)

Everllence is a leading provider of propulsion, decarbonization and efficiency solutions for shipping, the energy economy and industry. True to our motto – 'Moving big things to zero' – we help key industries in the global economy to reduce hard-to-abate emissions. Our technologies have a measurable impact on the success of the global energy transition. Headquartered in Germany, Everllence employs some 15,000 people at over 140 sites globally. Our after-sales brand, Everllence PrimeServ, also supports our customers through its worldwide service-center network.