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▲ Federal Mayumi, built 2012 at Oshima Shipyard

Oshima handies—cleaner, more efficient

As announced last year, Fednav took delivery of the *Federal Satsuki* and *Federal Mayumi*, two of the most modern ocean carriers in the world. These ice-class Seaway-suitable handysize vessels (Lakers) fitted with IMO Tier II emissions-compliant engines are the second generation (Gen2) evolution of a continuing series of Lakers built by Fednav at Oshima Shipbuilding.

Notable on the Gen2 Laker design are improvements to the hull form and the addition of energy-saving devices that reduce fuel consumption by 3 tonnes a day from their earlier generation (Gen1), same-dimension vessels. This translates into an Energy Efficiency Design Index (EEDI) that is about 10% less than the current IMO-mandated EEDI reference line and about 15% less in fuel consumption than the Gen1 Lakers. The EEDI index defines greenhouse gas (GHG) emissions in grams of CO₂ per transported tonne of cargo per nautical mile travelled.

Oshima Lakers—going forward

Looking to the future, the order of a series of 6 Oshima Lakers (Gen3) of the same dimensions announced by Fednav last year for delivery starting in 2015, will have an EEDI of about 35% less than the original Gen1 Lakers. These vessels will consume about 25% less fuel—a remarkable achievement demonstrating that Fednav's Shipowning, Arctic, and Projects (SHARP) team has been staying ahead of regulatory requirements.

Promotions for Fednav International Ltd.

In December, Jim Cobb and Wojtek Hryckowian were both promoted to Vice-President, Chartering, FIL, an obvious step that reflects the growing leadership role that they have been playing in the Chartering Department and in the company as a whole.



Jim Cobb



Wojtek Hryckowian



FMT's presence in Lake Charles expands

Federal Marine Terminals (FMT) has entered into an exclusive agreement effective February 1 to provide stevedoring and terminal services at the Port of Lake Charles City Docks. The new operation handles both commercial cargo and USDA/AID-funded agricultural relief products and related commodities. Reinforcing its commitment to excel at the Port of Lake Charles, FMT has invested over US \$2 million in 18 new forklifts and 25,000 pallets, and has relocated two cranes.