



PHOTO BY ROB MORRIS

SEASPAN 827

Delivered on December 31 2008 by Vancouver Shipyards (North Vancouver BC) to Seaspan International was the SEASPAN 827, a 'class A' double-hulled oil transport barge. The preliminary design was developed by the Seaspan engineering group and their Marine Services barge-operations personnel and the design was fully developed by BMT Fleet Technology (Vancouver BC). The barge measures 244' loa x 65.5' x 14.75' (summer draft) and has capacity of 27,000 barrels (4,300,000 litres) of gasoline, diesel and jet fuels in eight cargo tanks. Up to date technology and features include: vapour recovery system; three deep-well pumps for three independent cargo systems; ergonomic improvements in access, lighting and ventilation etc; remote computer control of systems from central control room; below decks piping; raised trunk design that separates the tank barge operations from the port and starboard marine working decks. The SEASPAN 827 is the first double-hulled oil barge in the Seaspan fleet.

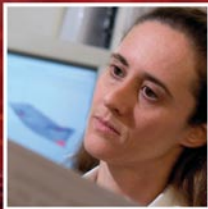
PB 34

Vancouver Shipyards delivered the 273' x 62' x 22' double-hulled oil transport barge PB 34 to Marine Petrobulk Ltd (50% owned by the Washington Marine Group) which provides ship bunkering services in Port Metro Vancouver and the ports of Victoria, Nanaimo, Prince Rupert and Kitimat. Marine Petrobulk used the Peter S. Hatfield Ltd (Vancouver BC; now BMT Fleet Technology) design for the PB32 which was launched by Vancouver Shipyards in 2003. The PB 34 has a 32,000-barrel capacity in 12 cargo tanks (with three supply lines) which are segregated to separate the black (bunker) oil from the diesel oil. Many ships are burning the lower sulphur 'clean' diesel to meet air quality requirements in world ports (including Vancouver) so on the PB 34 cross-contamination between tanks with the different fuel products is eliminated.



PHOTO COURTESY MARINE PETROBULK

See *Waterfront: Burrard Inlet's North Shore II* in *Western Mariner*, May 2009.



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