

# Shipbuilding & Refit Annual

BY ROB MORRIS

*A review of launchings and significant refits of tugs, ferries, passenger vessels, pilot launches, OSRVs, patrol & training vessels and other workboats that took place in BC and Washington State shipyards through 2008.*

## LAUNCHINGS



PHOTO BY CHRIS MILLER, VICTORIA SHIPYARDS

27'4" x 6'6" 210 tonnes displacement PCTs are of all-steel construction and are used primarily for naval training with a secondary role in inshore coastal patrol. They are powered by twin 2500 hp (@ 1600 rpm) Caterpillar 3516B diesels turning 56-in fixed pitch propellers through ZF 7500A gearboxes with L-3 MAPPs control system. Top speed is 20 knots and service speed is 15 knots with a range of 660 nm. The first six ships each received three Caterpillar 3054T 72-kW gensets while ships 7 and 8 received Caterpillar C4 gensets because of availability. The PCTs have accommodation for four crew and 16 naval trainees with four spare berths. Classification is ABS High Speed-Naval/Coastal, Marpol 73/78 and Transport Canada Home Trade II. Victoria Shipyards was licensed to build the ship design from Tenix Defense Systems' Marine Division (Australia) and modified it and increased the size slightly so the 'Orca' class would meet DND requirements.

### 'Orca'-class PCTs

In late November 2008 Victoria Shipyards delivered the PCT 62 MOOSE exactly four years after the \$86 million contract to build eight of the 'Patrol Craft Training' (PCT) ships was signed with the Department of National Defense. The contract was completed on budget (and 14 months early) and two other PCTs were also delivered in 2008: PCT 60 GRIZZLY and PCT 61 COUGAR. The 108' x

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