



MULTI-PURPOSE VESSELS

HVAC FOR CANADA'S NEW MULTI-PURPOSE VESSELS SERVING THE CANADIAN COAST GUARD

Canada's new fleet of Multi-Purpose Vessels

Canada's new Multi-Purpose Vessels will support the Canadian Coast Guard in a broad range of year-round operations, including search and rescue, environmental response, icebreaking, scientific research, and maritime security. Designed to operate in both coastal and ice-covered waters, the vessels will replace the current fleet of High and Medium Endurance Multi-Tasked Vessels.

Built by Seaspan Shipyards under Canada's National Shipbuilding Strategy, up to six MPVs are planned.

KNUD E. HANSEN is responsible for the HVAC design on board, delivering robust and efficient climate control systems tailored for reliable performance across Canada's demanding marine environments.

PRINCIPAL PARTICULARS

Length over all	99.92 m
Breadth, moulded	20.30 m
Loadline draught	6.45 m
Design displacement	8,987 t
Max speed	15-16 kn
Range at economical speed	12,000 nm @ 10-14 kn
Complement	50 pers
Power plant	Diesek electric, Variable speed with DC-Bus MW