



VARD 7 090 OPV
Offshore Patrol Vessel

Photo Credit: Irish Naval Service



VARD™

a Fincantieri company

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– LÉ Samuel Beckett is a VARD 7 090 patrol vessel designed for the Irish Naval Service. Its primary purpose is to patrol the European Union zone adjacent to the Republic of Ireland to implement fishery protection, conservation, and management. The ship has an all-steel hull with high level automation incorporated into the ship's systems which allows it to be operated with just 44 crew including 8 officers. A total of four (4) ships of this class have now been delivered to the Irish Naval Service.

PRINCIPAL PARTICULARS

Length overall	89.5 m
Beam	14.0 m
Depth	7.1 m
Draft	3.8 m
Crew	55 people

PERFORMANCE

Speed (max/range)	23.0/15.0 kn
Range	6,000 nm
Endurance	21 days
Installed power	10,880 kW

CLASS

LRS SSC ✕100 A1 ✕LMC WMI PSMR DP(CM) NAV1 IWS Patrol Mono G6 (unlimited range)

PROPULSION & AUXILIARY MACHINERY

Main engines	2 x 5,440 kW
Bow thrusters	1 x 450 kW
Diesel generators	3 x 664 kW
Emergency generators	1 x 336 kW
Controllable pitch propellers (2)	

CAPACITIES

Fuel oil	330 m ³
Fresh water	145 m ³
Lube oil	20 m ³

ARMAMENT

1 x 76 mm OTO Melara gun
 2 x 20 mm Rheinmetal Cannon
 2 x 50 calibre Browning machine guns

LIFESAVING EQUIPMENT

2 x 8.2 m RHIB
 2 x 30 man liferafts
 2 x 25 man liferafts

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