



OPV 80

80 m Offshore Patrol Vessel



Customer/Operator

Armada de Chile
Armada de Colombia

Area of Operation

Worldwide unrestricted operations including light ice conditions

Delivery

2008, 2009, 2011, 2013, 2014

Ship's Names

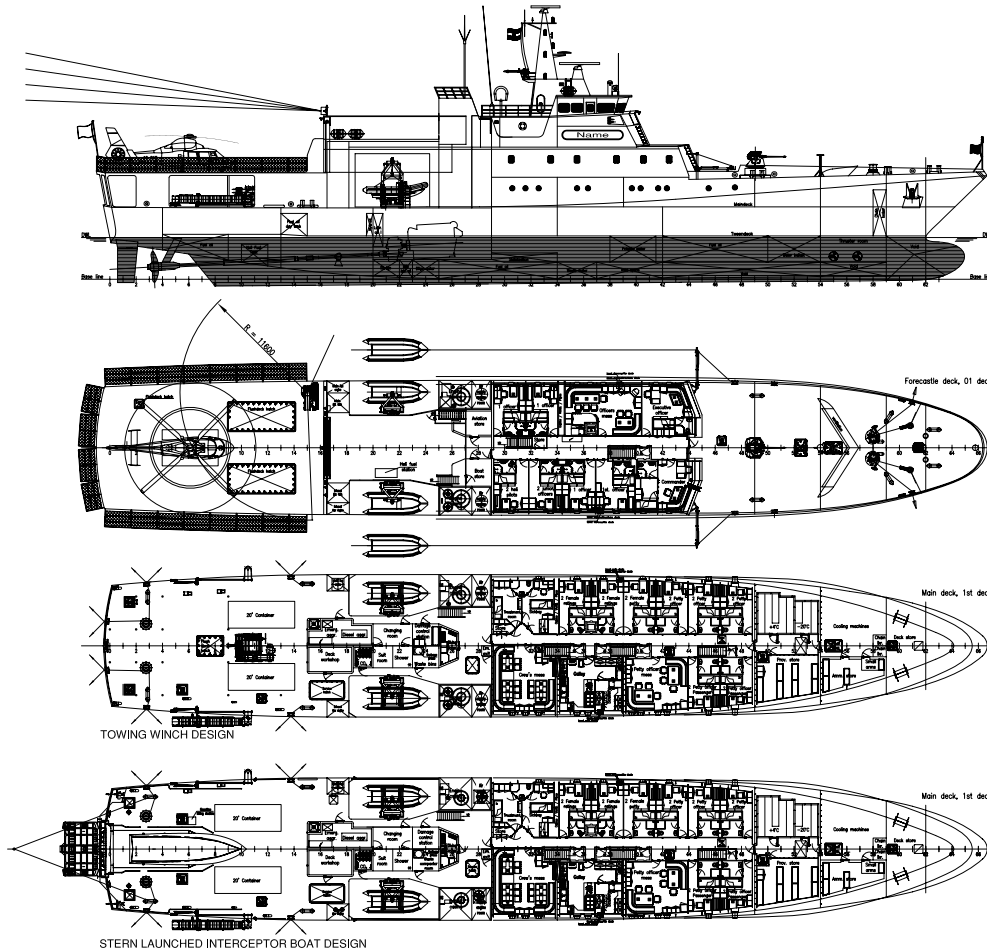
OPV81 „Piloto Pardo“, OPV82 „Comandante Toro“, OPV83 „Marinero Fuentealba“, PZE 46 „ARC 20 de Julio“, PZE 47 „ARC 7 de Agosto“

Main Characteristics

Length over all	80,60 m
Beam moulded	13,00 m
Draught	3,90m
Displacement	1850 t
Speed	20 – 23 knots
Range	12.000 nm at 12 knots
Endurance	30 days
Classification	LR + 100 A1 NS-3, offshore patrol vessel, SA1, AIR + LMC UMS GL +100 N5 AUX-NH +MC AUT AUX-NM

OPV 80

80 m Offshore Patrol Vessel



Mission Systems

Armament	30-76mm main gun with EOD/ HMGs
Surveillance	Tactical Radar, X-Band & S-Band Radars, ESM
Navigation Comms	WECDIS, W-AIS, IBS GMDSS A3/Tactical Comms / Data Link
Boats	2 x 7,5m RHIB's / 1x 11m Interceptor
Helicopter	1 x 10t MTOW
Mission Bay	3 x 20' ISO Containers

Capacities

Fuel	300 m ³
Fresh Water	48 m ³
Crew	40 crew + 30 mission crew

Construction

Hull	shipbuilding steel
Superstructure	shipbuilding steel
Wheelhouse	marine aluminium

Propulsion

Main Engines	2 x Wärtsilä 12 V 26, 4080 kW each at 1000 rpm
Propeller	2 controllable pitch propellers
Bow Thruster	2 x 200 kW

Special Features

Active anti-rolling tank, helicopter hangar, deck crane SWL 4 t at 10 m, single point davits with wave compensation, modular platform concept for simple integration of different combat systems, rescue zone, launching ramp for interceptor boat (option), ice class (option).

Fr. Fassmer GmbH & Co. KG
Industriestraße 2
27804 Berne/Germany
Phone +49 44 06 942-0
Fax +49 44 06 942-100
shipbuilding@fassmer.de
www.fassmer.de