

**OPV 2600 AFT MAINDECK LAY-OUT**  
 Flight deck made transparent

**RECESS AND/OR STERN SLIPWAY**  
 Damen offers a choice in deployment of the boarding boats from either a side shell recess with a davit, or from a stern slipway with visor door. More than 25 Damen-built patrol vessels of various sizes have a stern slipway in operation.  
 Even the mid-size OPV 1400 offers space for both a side recess and a stern slipway for RIB boats up to 9m length. All OPV types feature low-freeboard recesses on either side to facilitate recovery of survivors, divers and boarding team transfers onto boats.

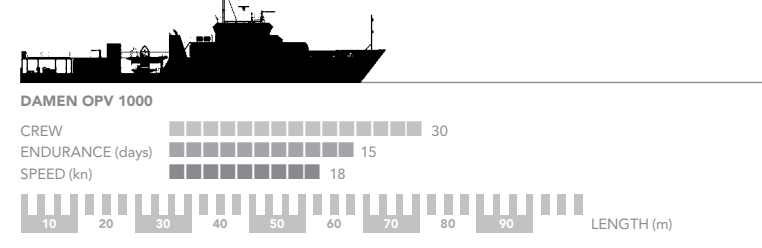
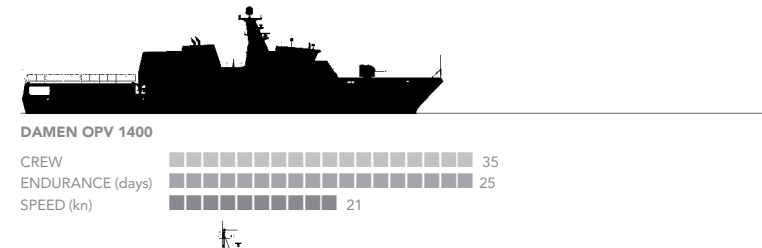
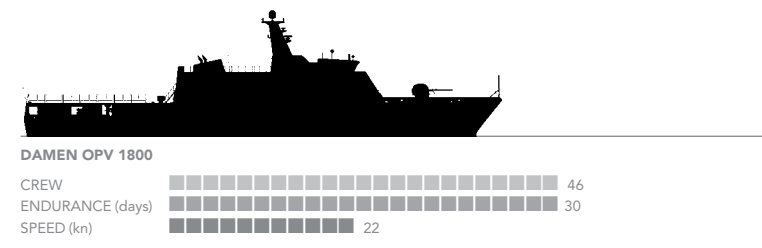
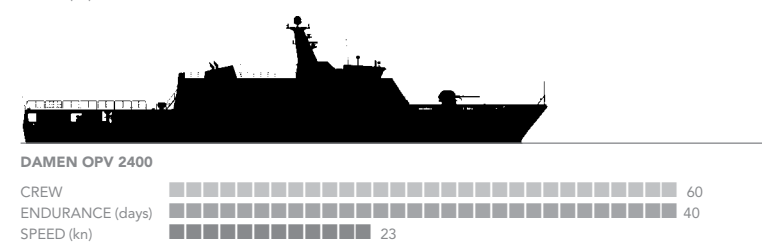
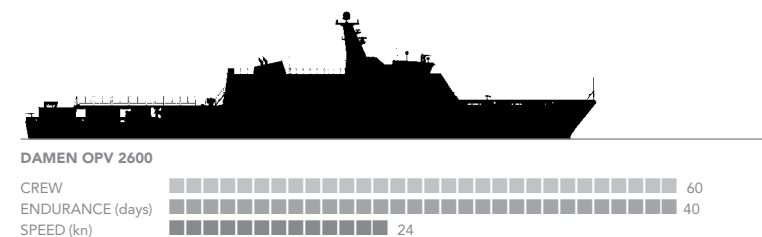


▲ STERN SLIPWAY OPV 1400  
 ▼ OPV 1400

**HELICOPTER FACILITIES**  
 Damen OPVs can accommodate an organic helicopter up to the 10 tonne-class, such as the Sea King and NH-90. A flight deck and hangar space with adjacent service spaces and flight control facilities are provided.



TOP TO BOTTOM  
 DAMEN OPV 950  
 DAMEN OPV 2400  
 DAMEN OPV 1000  
 DAMEN OPV 3700 HOLLAND CLASS  
 DAMEN OPV 8313



**DAMEN OFFSHORE PATROL VESSEL RANGE**

Damen has a rich tradition in naval shipbuilding with our original navy roots stemming back 135 years. Damen Shipyards Group is known worldwide for its quality shipbuilding, both in the naval and commercial sector. The Offshore Patrol Vessel being a fairly new concept, Damen Shipyards Group has quickly become one of the worlds most prolific designer/builder of OPVs. By the end of 2012 fourteen Damen designed OPVs of various sizes will be in service, with three more on order. Most are built by Damen Shipyards, while some builds are in progress through Transfer-of-Technology programs, under supervision by Damen Technical Cooperation.

**DAMEN OPV SERIES**



**OFFSHORE PATROL VESSELS**

**DAMEN OPV SERIES**

▲ OPV 2600  
 ▼ OPV 2400



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**DAMEN OPV'S**  
OPV 2400 under construction at regional yard under Transfer-of-Technology Program.



**UP TO C3 LEVEL**  
In support of their operations, Damen OPV's can be fitted with Command, Control and Communications up to C3 level. Damen can work with a number of sensor, weapons and communications manufacturer for perfect integration of any system.

Damen Offshore Patrol Vessels (OPVs) have been specifically developed for navies and coastguards for a wide variety of tasks and for regions with a low level of threat.

These vessels range from 1,000 to 3,750 ton displacement.

Operations they are ideal for include:

- Military security (Border & EEZ surveillance, anti-piracy and terrorism).
- Marine safety (SAR, oil pollution detection).
- Humanitarian tasks (Disaster relief, logistic operations).



To answer today's requirements, the OPV designs are based on:

- A high quality accommodation, adaptable to tasks
- Having limited military systems on board
- A high level of proven technology
- 24/7, 365 day availability
- Economic patrolling (modern hull forms and propulsion)
- Excellent inspection capabilities (boarding boats and helicopter facilities).

## DAMEN OFFSHORE PATROL VESSELS ARE IDEAL FOR OPERATIONS SUCH AS MILITARY SECURITY, MARINE SAFETY AND HUMANITARIAN TASKS



▼ OPV 2400



▼ OPV 1400



▼ OPV 1800

The OPV series is designed in-house and model tested in close cooperation with leading institutes. This ensures that the vessels have very good seakeeping behaviour and that they can reach maximum speeds. They are therefore capable of performing the most challenging tasks to the optimum. Damen OPV's are fitted with high-quality commercial-grade interiors. Control and service spaces provide effective places of work, finished in hard-wearing materials. Accommodation spaces provide a place of rest and relaxation for all on board, while being easy to maintain.



MAIN CHARACTERISTICS	OPV 1000	OPV 1400	OPV 1800	OPV 2400	OPV 2600
Displacement (t) (design)	1000	1400	1800	2400	2600
Stability standards	IMO IS code 2008 DDS 079 for vessels Lpp up to 91,5 m				
Length o.a. (m)	62,00	72,00	83,00	90,00	98,00
Beam moulded (m)	9,70	12,70	13,70	14,40	14,40
Draught (m)	3,10	3,75	3,75	4,00	4,00
Speed max. (kn)	18	21	22	23	24
Endurance (days)	15	25	30	40	40
Range (nm) at 12 kn patrol speed	4000	4000	5000	6000	7000
Helicopter hangar <sup>1</sup>	–	telescopic	standard	standard	standard
Helicopter flight deck & re-/ defuelling	optional	standard	standard	standard	standard
Complement (persons) <sup>2</sup>	30	35	46	60	60
Boarding boats, RIB-type (number)	1	2	2	2	2
Boarding boats, RIB-type (length o.a. max., m)	7	9	9	9	9
Mission module containers (units)	1	1	2	2	up to 5
Multi-role comp. area <sup>3</sup> (m <sup>2</sup> )	30	130	190	220	320

Explanation of remarks:  
<sup>1</sup> The helicopter hangar can be omitted from the design, creating even more space for accommodation and service spaces.  
<sup>2</sup> Based on manning analysis by Damen.  
<sup>3</sup> The multi-role compartment is located below maindeck and can be configured, dedicated or flexibly, for:  
 ■ accommodation for embarked forces  
 ■ accommodation for survivors  
 ■ carriage of mission equipment  
 ■ carriage of packaged goods

