



DAMEN STAN PATROL® 4207

"OBZOR 525"

GENERAL

YARD NUMBER	549869
OWNER	Border Police Bulgaria
FLAG	Bulgaria
DELIVERY DATE	July 2010
BASIC FUNCTIONS	Law enforcement patrol and S.A.R. operations
CLASSIFICATION	Bureau Veritas
HULL MATERIAL	1 ✳ Hull ● Mach AUT-UMS
SUPERSTRUCTURE MATERIAL	Steel Aluminium

DIMENSIONS

LENGTH O.A.	42.80 m
BEAM O.A.	7.11 m
DEPTH AT SIDES	3.77 m
DRAUGHT MAX	2.52 m

CAPACITIES

FUEL	23.00 m ³
FUEL TANK (LONG RANGE)	7.00 m ³
FRESH WATER	6.50 m ³
WASTE WATER	8.40 m ³

PERFORMANCES

SPEED	29.00 kn.
RANGE	1,800 nm. at 12 kn.
ENDURANCE	14 days

PROPULSION SYSTEM

MAIN ENGINES	2 x Caterpillar 3516B TA-HD
TOTAL POWER	4200 bkW (5712 bhp) at 1600 rpm
GEARBOXES	2 x Reintjes, WLS 930
PROPELLERS	2 x Controllable pitch propellers

ELECTRICAL EQUIPMENT

GENERATOR SETS	2 x Caterpillar C4.4
CAPACITY	2 x 107 kVA
NETWORK	280V 50 Hz, 220V a.c.

DECK LAY-OUT

ANCHOR EQUIPMENT	2 x 196 kg H.H.P. 137.5 m U2 chain 16 mm
CRANE	1 x Heila 3-1S, Electric crane for tender and stores
SLIPWAY IN AFT SHIP TENDERS	Hydraulic operated transom door 7,5 m RIB with inboard diesel / waterjet, speed 30 kn. with a crew of 4 persons

AUXILIARY EQUIPMENT

BILGE WATER SEPERATOR	Facet
FIRE FIGHTING	Ajax with water / foam monitor
BOWTHRUSTER	Veth motoren
FUEL SPERATOR	Westfalia
STABILIZERS	Quantum
MISCELLANEOUS	Sewage system, water maker

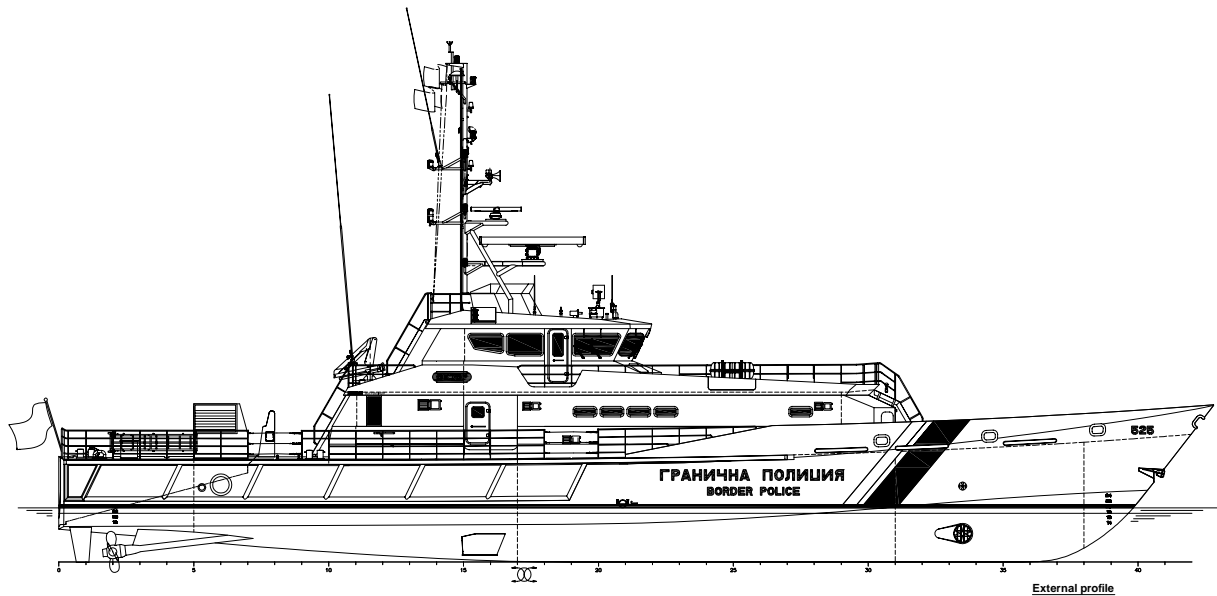
ACCOMODATION

CREW	19 persons
BUNKS	19 bunks

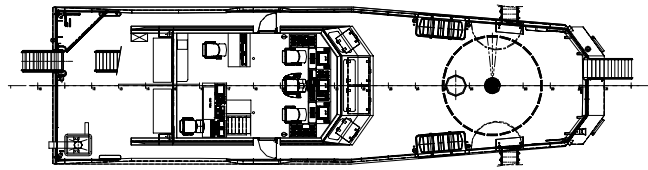
NAUTICAL, SURVEILLANCE AND COMMUNICATION EQUIPMENT

SEARCHLIGHT	Pesch Seematz
MAGNETIC COMPASS	Cassens & Plath
GYRO COMPASS	Alphatron, Alpha minicourse
AUTO PILOT	Alphatron, Alphapilot Sea
DGPS	JRC
ELECTRONIC CHART SYSTEM	Alphatron
2 X RADAR	JRC
ECHO SOUNDER	JRC
SPEEDLOG	Ben
COMMUNICATION	According to GMDSS A3

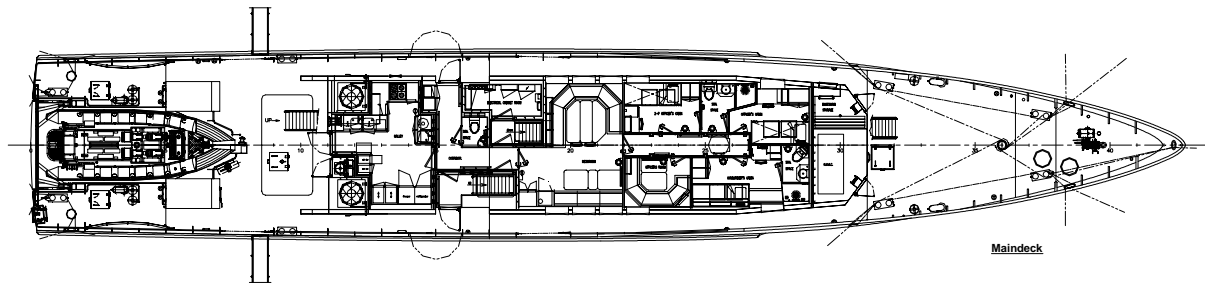
NOTE: SOME ITEMS IN THIS SPECIFICATION ARE OPTIONAL. SPECIFICATION AND GENERAL ARRANGEMENT CAN BE CHANGED WITH OUT NOTICE.



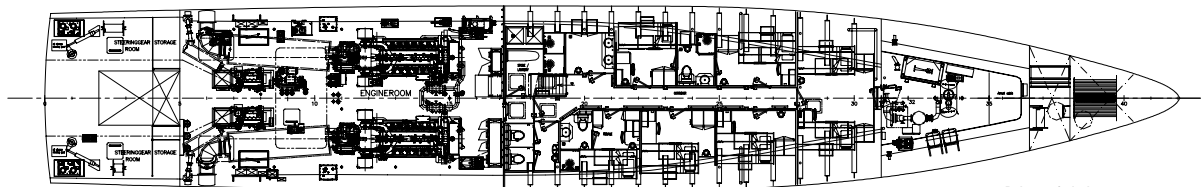
External profile



Bridgedeck



Maindeck



Below maindeck

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DAMEN

DAMEN SHIPYARDS GORINCHEM

Member of the DAMEN SHIPYARDS GROUP



Industrieterrein Avelingen West 20
4202 MS Gorinchem

P.O. Box 1
4200 AA Gorinchem
The Netherlands

phone +31 (0)183 63 99 11
fax +31 (0)183 63 21 89

info@damen.nl
www.damen.nl