



DAMEN MULTI PURPOSE VESSEL 8116

KBV003

GENERAL

YARD NUMBER	551012
DELIVERY DATE	May 2010
BASIC FUNCTIONS	Fishery protection, environmental protection, traffic control, towing, fire fighting, oil recovering, rescue/salvage operations, ROV support
CLASSIFICATION	Germanischer Lloyd ✕100 A5 E4 DPI Tug Oil Recovery Vessel Chemical Recovery Vessel Environmental passport ✕MC E4 AUT FF1 RP2. GL Statement for SF DK (+) HA (+) ICS CONF V (2) C(2) Discriptive note ShipRight SCM & PCWBT Swedish
FLAG	Swedish
OWNER	Kustbevakning, Sweden

DIMENSIONS

LENGTH O.A.	81.30 m
LENGTH B.P.P.	70.60 m
BEAM MLD.	16.00 m
DEPTH MLD.	7.50 m
DRAUGHT SUMMER	6.50 m
DEADWEIGHT (SUMMER)	2170 t

TANK CAPACITIES

FUEL OIL	475 m ³
POTABLE FRESH WATER	60 m ³
TECHNICAL FRESH WATER	60 m ³
RECOVERED OIL	800 m ³
CHEMICAL	180 m ³

PERFORMANCES (TRIALS)

SPEED (AT 5.00 M DRAUGHT)	16.0 kn
BOLARD PULL	100 t

PROPULSION SYSTEM

MAIN ENGINES	Diesel-Electric, 690 V, 50 Hz
PROPULSION POWER	2x 3300 ekW at 900 rpm
PROPELLERS	2x 3000 mm, FP, Azimuth in nozzle
RETRACTABLE BOW THRUSTER	1x 850 ekW, 1750 mm, FP
BOW THRUSTER	1x 415 ekW, 1350 mm, FP

AUXILIARY EQUIPMENT

MAIN GENERATOR SETS	3x 3516C, each 1859 ekW at 1500 rpm
AUX. GEN. SET	2x 3512C, each 1305 ekW at 1500 rpm
EMERGENCY GEN. SET	1x C18, 452 ekW at 1500 rpm 1x 3406C, 240 ekW at 1500 rpm

DECK LAY-OUT

MAIN CRANE	1x 24 t at 11 m, max reach 21 m
AUXILIARY CRANES	1x 3.5 t at 17 m 1x 1.5 t at 17 m 1x 0.5 t at 11 m
STORE CRANE	1x double drum, 100 t pull, 189 t brake
TOWING WINCH	2x Sweeping booms & in-built brush type skimmers
ADVANCING OIL REC. SYSTEM	2x 300 m, 1x 500 m
OIL BOOMS	1x 100 m ³ /hr, 1x 20 m ³ /hr, 1x10 m ³ /hr
SKIMMERS	1x 10.5 m, 35 kn
FAST TENDER CRAFT	1x 7.5 m, 35 kn
FAST RESCUE CRAFT	1x 50 p - totally enclosed
LIFEBOAT	

CHEMICAL RECOVERING LAY-OUT

ACCOMMODATION	Citadel 50 mbar overpressure
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ACCOMMODATION

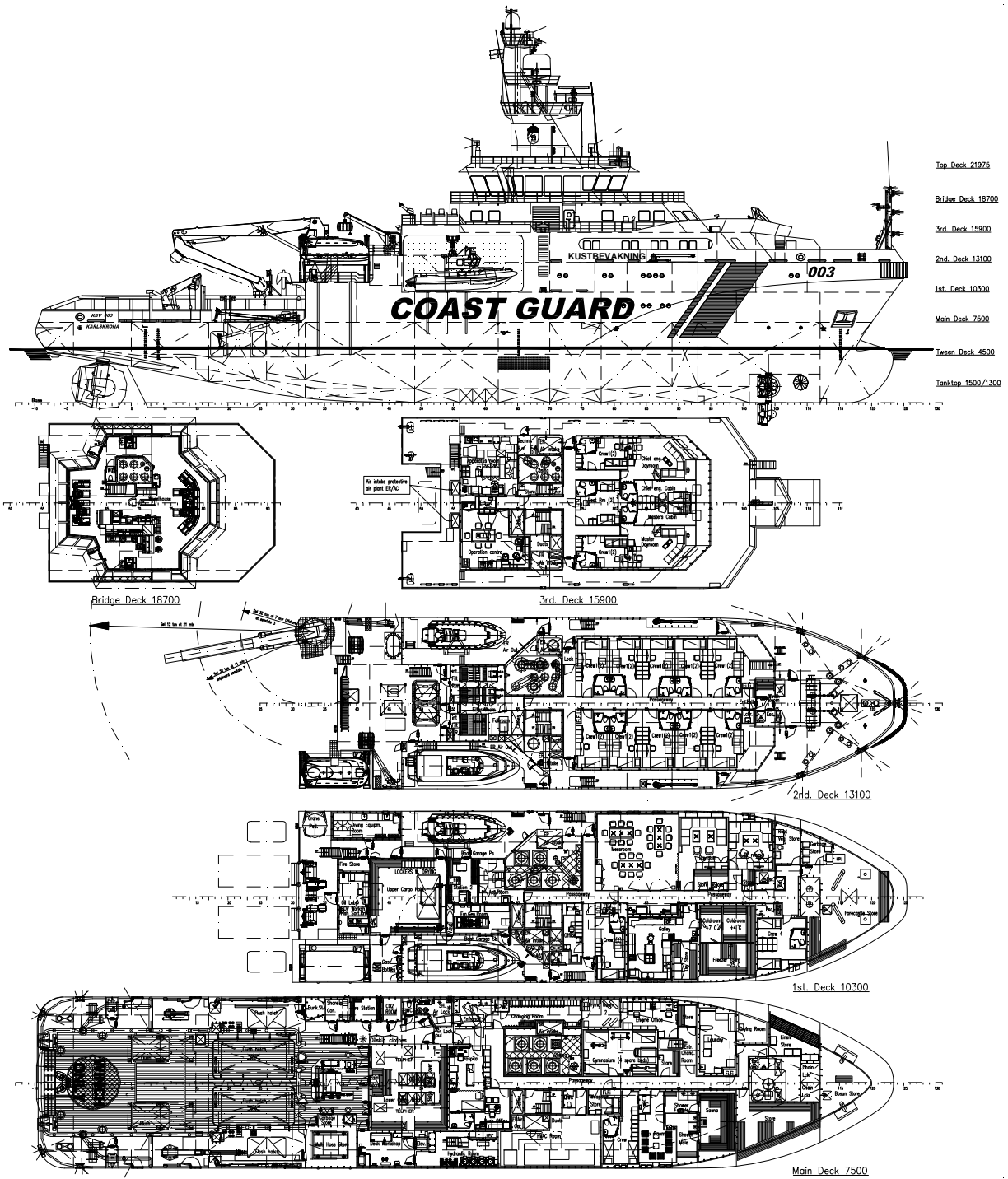
CREW	44 persons
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NAUTICAL AND COMMUNICATION EQUIPMENT

RADAR SYSTEM	1x X-band and 1x S-band
DP - SYSTEM	DP1
GMDSS	Area A4

SURVEY EQUIPMENT

SURVEY EQUIPMENT	1x multi beam echo sonar 1x ROV
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DAMEN SHIPYARDS GORINCHEM

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