



DAMEN ACCOMMODATION SUPPORT VESSEL 9020 UNDER CONSTRUCTION

GENERAL

Yard number	553016
Delivery date	Q2 2017
Basic functions	Offshore transfers for special personnel and equipment by means of a motion comp. access system and heave comp. offshore rated crane on a stable DP-2 platform
Classification	DNV-GL Maritime, notation; * 1A1, Offshore Service Vessel, COMF(C2, V-2), DYNPOS(AUTR), Clean, SF, E0, DK(+), SPS, NAUT(OSV-A), BWM(E), Recyclable, BIS, HELDK, Crane
Flag	UK MCA, SPS 2008 Code
Owner	Bibby Marine Services Ltd

DIMENSIONS

Length o.a.	89.65 m
Length loadline (IMO)	84.95 m
Beam mld.	20.00 m
Depth mld.	8.00 m
Draught summer (base/ u.s.keel)	4.80 m / 6.30 m at fore ship
Deadweight at design draught	2400 t at 4.65 m
Cargo weather deck area	425 m ² (11 slots for 20ft cont.)
Covered / conditioned warehouse areas	390 m ² (6 slots for 20ft cont.; level floors)
Deck load (at 1 m above deck)	600 t

TANK CAPACITIES (APPROX.)

Ballast water	1130 m ³
Fuel oil (service + cargo)	545 m ³ + 345 m ³
Fresh w. (serv. / potable+ cargo)	180 m ³ + 430 m ³
Waste w. (holding / black / grey)	129 m ³

PERFORMANCES (APPROX.)

Speed (at summer draught)	13.0 kn
Economical speed	12.0 kn
ERN*	99, 99, 98, 97

PROPULSION SYSTEM

Main engines	Diesel-electric, 690 V, 60 Hz
Propulsion power	2x elec. motors of approx. 2150 kW each
Azimuthing thrusters	2x FP propellers in nozzles
Bow thrusters	2x 860 kW fixed + 1x 860 kW retractable

AUXILIARY EQUIPMENT

Networks	690 V, 440 V and 230 V - 60 Hz
Main generator sets	4 pcs. - total installed electric power 6434 kW
Emerg. generator set	1 pcs. - 238 kW

DECK LAY-OUT

Offshore crane	Knuckle boom crane 2t AHC/5t max swl.
Access system	Continuous access from warehouse to WTG provided via 2 tonne lift and Uptime 3D motion-compensated gangway. Gangway center platform fitted on height-adjustable pedestal.
Daughter craft vessel	Tuco Marine Pro zero 11m windfarm service boat. WTG access up to 1.2m Hs.
Helicopter deck capacity	D-factor 21 m, take-off weight 12 ton.
CTV landing facilities	1 fixed steel landing structure at stern. 1 removable aluminum structure, can be fitted as per GA at SB or PS position. CTV refueling station at SB side.
Anchor mooring winch	Foredeck; 2x electric/hydraulic, with rope drum and warping head Aft deck; 2x capstan 5t pull each

LIFE SAVING EQUIPMENT

Rescue craft	1x FRC - 15 persons.
Life rafts	Numbers according regulations

FACILITIES AND ACCOMMODATION

Crew/ special personnel	15-20x crew, 40-45x SP, all single cabins provided with internet, telephone and video entertainment (VOD and satellite tv). Optional double occupancy provides capacity for 30 additional POB.
Other facilities	6 Offices and 5 meeting/ conference rooms for Charterer's use. 2 Recreation-dayrooms, reception room, hospital, drying rooms (M/F), changing rooms (M/F), wellness area (gym and sauna).

NAUTICAL AND COMMUNICATION EQUIPMENT

Nautical	Radar X-band + S-band, ECDIS, Conning, GMDSS Area 1, 2 and 3
DP-system	DP-2 with Radar scan, Laser and DGPS reference systems

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DAMEN

DAMEN SHIPYARDS GORINCHEM

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