

BIBBY WAVEMASTER 1



SERVICE OPERATION VESSEL WITH WALK TO WORK GANGWAY SYSTEM UNDER CONSTRUCTION

GENERAL

Builder	Damen Shipyards
Model	ASV 9020
Yard number	553016
Delivery date	Q2 2017
Basic functions	Offshore transfers for special personnel and equipment by means of an motion compensated access system and heave compensated Offshore rated knuckle boom crane on a stable DP-2 platform
Classification	DNV-GL Maritime, notation; ⊠ I A I, Offshore Service Vessel, COMF(C2, V-2), DPS(2), Clean, SF, E0, DK(+), SPS, NAUT(OC), BWM(E), Recyclable, HELDK, Crane UK MCA
Flag	UK MCA
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)	4.80	m
Draught summer (underside keel foreship)	6.30	m
Deadweight (at design draught)	2400	t
Deck space	470	m ²
Covered / conditioned store / workshop space	400	m ²
Deck load (at 1 m above deck)	600	t

TANK CAPACITIES (APPROX.)

Ballast water	1480	m ³
Fuel oil (service)	615	m ³
Potable water (service)	180	m ³
Sewage	170	m ³
Bilge water	35	m ³
Fuel oil (cargo)	345	m ³
Potable water (cargo)	430	m ³

PERFORMANCES (APPROX.)

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

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	Uptime motion compensated gangway
Daughter craft vessel	Tuco Marine Pro zero 11m windfarm service boat
Helicopter deck capacity	D-factor 21 m, take-off weight 12 ton.
CTV landing facilities	1 removable aluminum structure, can be fitted as per GA at SB, PS and transom position. With bunker station on PS.
Anchor mooring winch	Foredeck; 2x electric, 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

ACCOMMODATION

Crew/ special personnel	15x crew, 45x SP, all single cabins provided with internet, telephone and satellite tv.
Other spaces	Offices, conference room, recreation-dayrooms, reception room, hospital, drying room, changing room.

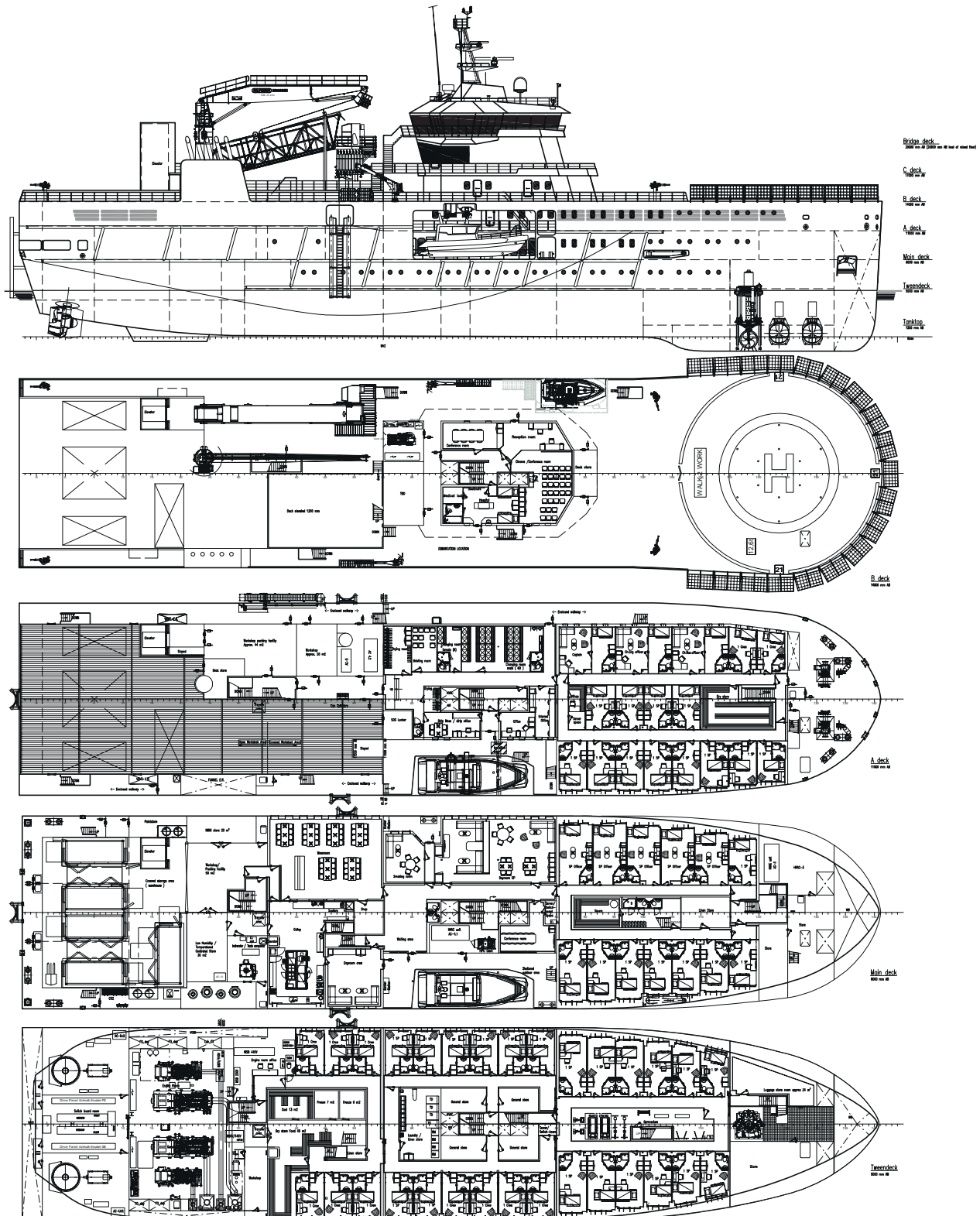
NAUTICAL AND COMMUNICATION EQUIPMENT

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



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