



BIBBY WAVEMASTER 1



SERVICE OPERATION VESSEL WITH WALK TO WORK GANGWAY SYSTEM

GENERAL

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

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 foreship
Deadweight at summer draught	2260 t
Cargo weather deck area	425 m ² (11 slots for 20ft cont.)
Covered / conditioned	390 m ²
Warehouse areas	(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 water (serv./potable + cargo)	180 m ³ + 430 m ³
Waste water (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 ekW
Emerg. generator set	1 pcs. – 238 ekW

DECK LAYOUT

Offshore crane	Knuckle boom crane 2t AHC/5t max swl.
Access system	Continuous access from warehouses to WTS/OSS provided by 6 station multi stop elevator and linked Uptime W2W 3D motion compensated gangway with height adjustable pedestal.
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 fixed steel landing structure at stern. 1 removable aluminum structure, can be fitted as per GA at SB or PS position. CTV refuelling 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

Life boats	2 x 45 persons
Life rafts	Numbers are per regulations

FACILITIES AND ACCOMMODATION

Crew/ special personnel	Total 90 persons on board. 60 single or large double cabins for crew and Special Personnel provided with internet, telephone and video entertainment (VOD and satellite TV).
Other spaces	6 offices, 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).

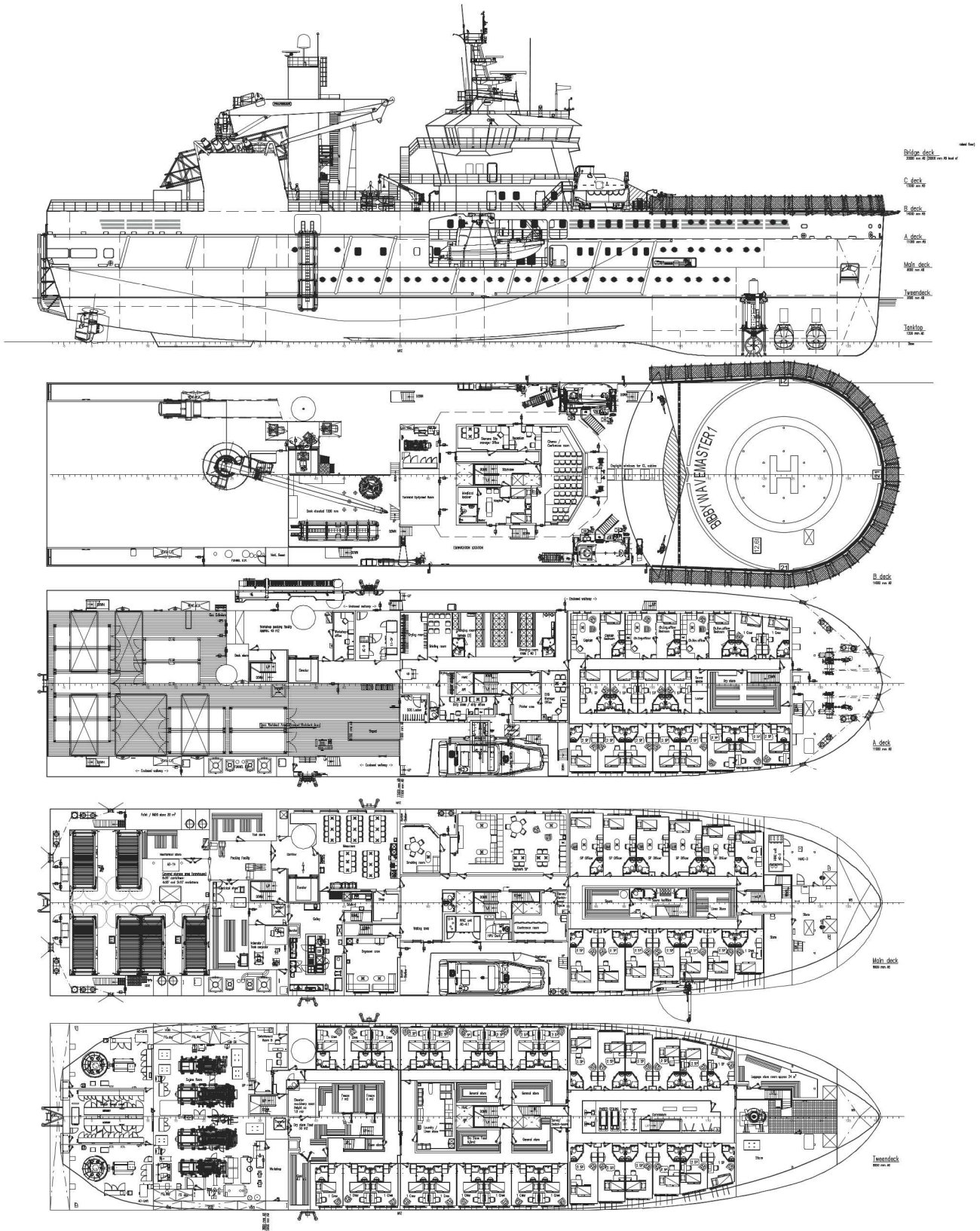
NAUTICAL AND COMMUNICATION EQUIPMENT

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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Rev 4, November 2017 Specifications subject to change.

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