

Multi Purpose Support Ship 9000

Standard model



ARTIST IMPRESSION

GENERAL

Yard number	TBD
Primary mission roles	Deployment of UAVs, UUVs and USVs Helicopter operations Search and Rescue (SAR) Illegal activities monitoring Maritime safety operations Naval operations support Diving operation support. Multi-Purpose activities (Modular / Containerized operations) such as submarine rescue operations
Classification	Lloyd's Register
Client	TBD

DIMENSIONS

Length overall	130.00 m
Beam moulded	20.00 m
Depth at sides	7.30 m
Draught max.	5.10 m

TANK CAPACITIES (approx.)

Fuel oil (incl. day tanks)	950 m ³
Fresh water	150 m ³
F44 (JP-5, AVCAT)	65 m ³

PERFORMANCES

Maximum speed	>18 kn
Range at cruising speed	> 10,000 nautical miles
Endurance (full complement)	> 45 days

PROPULSION SYSTEM

Propulsion type	Diesel-electric, azipull propellers
Propulsion power	> 8 MW
Bow thruster	800 kW, fixed pitch

ELECTRICAL SYSTEM

Generator power	> 10 MW
Emergency generator set	1x @ 1800 rpm
Power network	690 V, 60 Hz, 3-phase 440 V, 60 Hz, 3-phase 220 V, 60 Hz, 1-phase 24 V DC

DECK LAY-OUT

Fast rescue boats	2x 7.5 metre, inboard diesel driven with stern drive, A-frame LARS
Roll reduction system	Passive roll reduction (U-shaped tank)
A-frame (A deck centre line)	5 ton SWL, outreach 4.5 meter aft of the stern optional 30 tons SWL for submarine rescue operations
Miscellaneous	Small cargo/personnel elevator RAS system receiving (starboard only, liquids and solids up to 250 kg) Provisions for future installation of max. 16 meter boarding boat, LCVP, MCM boat or CB90 boat on each side of the vessel.

ACCOMMODATION

Large and spacious, fully airconditioned accommodation for in total 105 crew and special personal with separate day and mess rooms for officers and crew. Cabins divided into single, double and quadruple person cabins (all cabins with private sanitary space), large auditorium, hospital with recovery room for two persons, offices and meetings rooms, spacious wheelhouse and flight control room, space reservations for UXV control stations, CIC room, scientific control room, laundry. Separate accommodation spaces for in total 90 persons embarked forces.

NAUTICAL AND COMMUNICATION EQUIPMENT

GMDSS	Suitable for Area A3
Internal communication	Both commercial and military internal and external communication
SATCOM	Both commercial and military
Integrated navigation system	Yes, including situational awareness, W-ECDIS, W-AIS, fibre optic gyro compass, etc.

DRONE STORAGE AND SPECIAL MISSION EQUIPMENT CAPACITIES

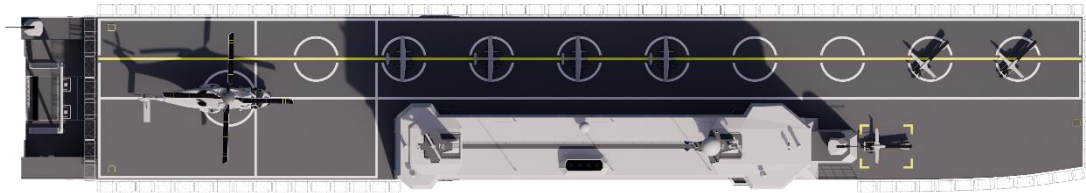
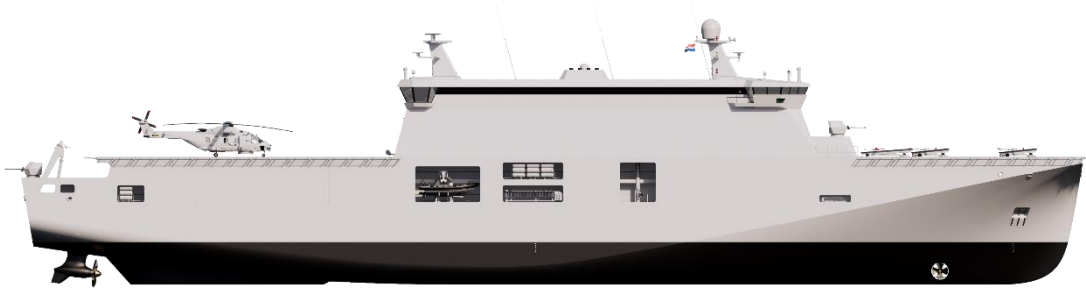
Multi mission bay aft ship	> 1200 m ² total mission bay capacity for storage of UUVs, USVs and containers Mission equipment handling system in longitudinal and transverse direction
Forward drone area	> 1450 m ² covered storage area for UAVs (fixed wing and VTOL) including maintenance facilities Vertical internal transport by means of 2x drone elevation platforms of 7.0 x 6.0 m
Runway	For launch of fixed wing and VTOL UAVs length of 121.0 m

HELICOPTER FACILITIES

Helicopter hangar	Suitable for max. one NH-90 helicopter
Helicopter flight deck aft	Suitable for a helicopter with a MTOW 22 ton (max. Chinook type)
Helicopter flight deck fore	Suitable for a helicopter with a MTOW 11 ton (max. NH90 type) Suitable for day and night operations (HVAS)

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