

## MAINTENANCE AND SAFETY UNIT (MSU)



### CYLINDRICAL MAINTENANCE AND SAFETY UNIT (MSU), 74.30 M x 60 M, DNV, DP3, CLEAN, HELIDK(S,H), ✪1A1, 500 PAX ACC.

Manager NORTRANS ACCOMMODATION PTE LTD  
 Class/Notation DNV, ✪1A1, CYLINDRICAL ACC UNIT, ECO, DYNPOS (AUTRO), CLEAN, HELIDK(S,H), CRANE, COMF  
 (C-3, V-3)  
 Vessel Name ARENDAL SPIRIT

#### PRINCIPAL PARTICULARS

Length Overall	74.30 m
Beam Moulded	60.0 m
Depth to Main Deck	27.0 m
Operating Draft	10–16 m (excluding 6m thrusters)
Transit Draft	8–10 m (excluding 6m thrusters)
Transit Speed	4.5 knots
Type of Fuel	Marine Diesel Oil
Place of Build	China

#### CAPACITIES

Deadweight	28,267.6 Mt
Deck Cargo Capacity	4500 t
Deck Free Area	1080 m <sup>2</sup>
Deck Strength	2.5 t/m <sup>2</sup> general
Workshop	10 t/m <sup>2</sup> zone
Store	160 m <sup>2</sup>
Displacement at:	2 x 180 m <sup>2</sup>
10 m draft:	31,000 t
16 m draft:	48,290 t

#### MACHINERY/PROPELLION

Main Generator	6 x 5760 kw Rolls Royce B32: 40V12A
Power Generation	34.5 MW
Thruster	6 x 4.4 MW ABB Azipod Thruster

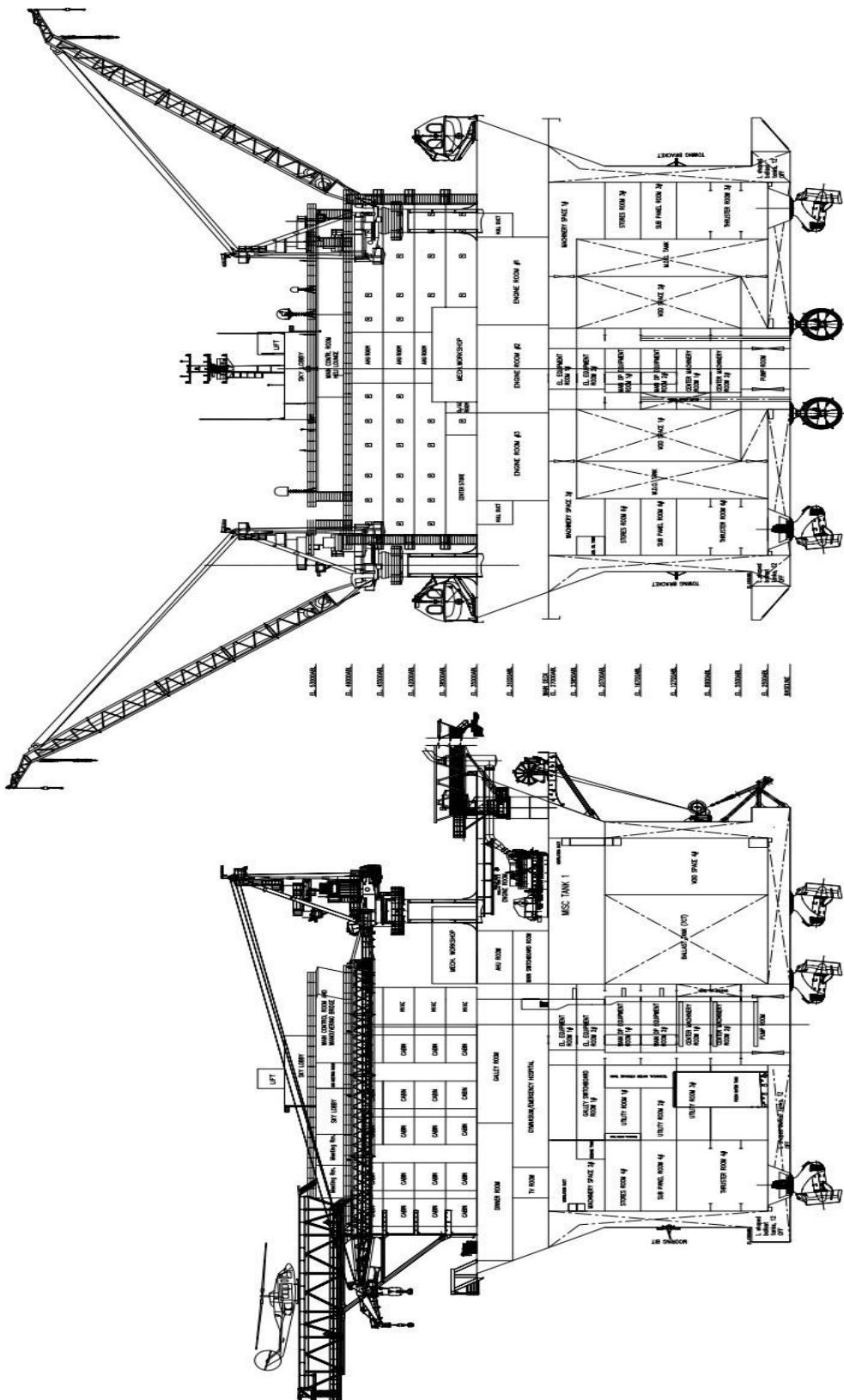
Fresh Water	3 x 212 m <sup>3</sup>
Diesel (MDO)	6545 m <sup>3</sup>
Sludge / Bilge tanks capacity	171.37 m <sup>3</sup>
Sewage tank capacity	33.51 m <sup>3</sup>

#### DECK/AUXILIARY EQUIPMENTS & OTHERS

Offshore Crane	2 x 100 t Liebherr-Werk 100 t @ 16 m / 23 t @ 55 m 100 t @ 16 m / 23 t @ 52 m
Helideck	3 t Man-Riding
Gangway	CAP437 - S92 SMST Telescopic Hydraulic Positioning, Length 39. m Stroke +/- 7.5 m
Helideck	CAP437 - S92 28.5 Diameter
DP System	DP3 Kongsberg K-Pos 32

#### ACCOMMODATION

Single Cabin	4
Four-Men Cabin	5 x 4
Two-Men Cabin	238 x 2
POB	500
Office	11 Offices with 78 Workstations
Conference Room	1 x 20 seats and 1 x 8 seats
Recreation Room	2 (1x Cinema)
Gallery and Dining Room	1x 196 seats, 1x 49 seats
Hospital	6 beds
Gymnasium	1



PROFILE - LOOKING FROM STARBOARD

## PROFILE - LOOKING AFT