

## 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 NORTTRANS ACCOMMODATION PTE LTD

Class/Notation DNV, ✕1A1, CYLINDRICAL ACC UNIT, ECO, DYNPOS (AUTRO), CLEAN, HELDK(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

### MACHINERY/PROPULSION

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

### 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 3 t Man-Riding
Helideck	CAP437 - S92
Gangway	SMST Telescopic Hydraulic Positioning, Length 39. m Stroke +/- 7.5 m
Helideck	CAP437 - S92 28.5 Diameter
DP System	DP3 Kongsberg K-Pos 32

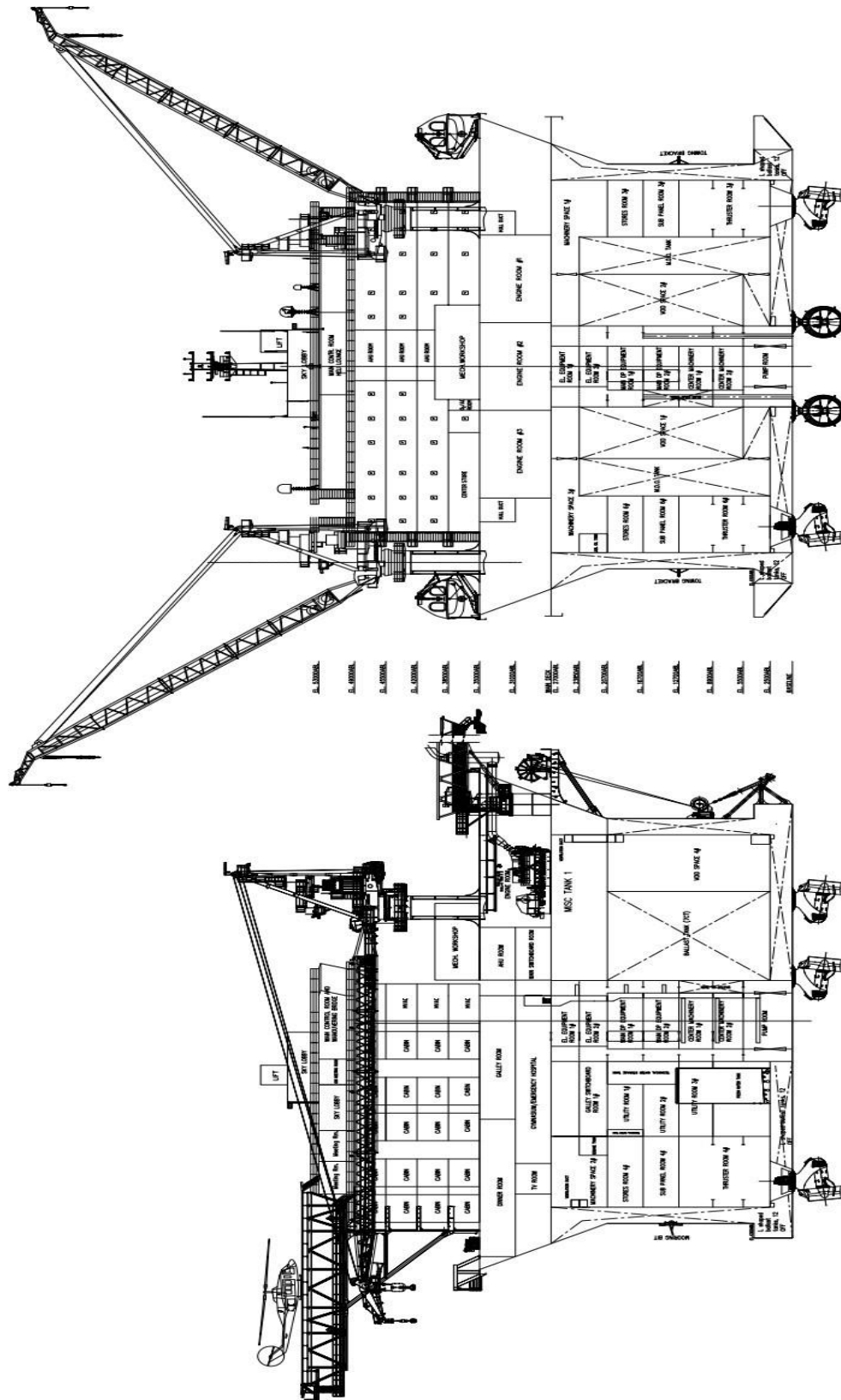
### CAPACITIES

Deadweight	28,267.6 Mt
Deck Cargo Capacity	4500 t
Deck Free Area	1080 m <sup>2</sup>
Deck Strength	2.5 t/m2 general 10 t/m2 zone
Workshop	160 m <sup>2</sup>
Store	2 x 180 m <sup>2</sup>
Displacement at:	10 m draft: 31,000 t 16 m draft: 48,290 t

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>

### 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, 1x49 seats
Hospital	6 beds
Gymnasium	1



## PROFILE –LOOKING AFT

PROFILE – LOOKING FROM STARBOARD