

VESSEL:

DP2 SEAMASTER

CLASSIFICATION:
DP2 ROV/ Survey/ Light
Construction & DSV



TECHNICAL SPECIFICATIONS

BUILT: 2012
HULL: Aluminium Catamaran

CLASSIFICATION

CLASSIFICATION: DP2 ROV/ Survey/ Light
Construction & DSV

IMO: 9616450

TRADING AREA: A1

CALL SIGN: VNZ2632

DIMENSIONS

LENGTH OVERALL: 40m

BEAM: 15m

DRAFT: 2.8m

GROSS TONNAGE: 489t

NETT TONNAGE: 147t

PERFORMANCE

SPEED (CRUISE): 11.5kts

SPEED (MAXIMUM): 13kts

DP PERFORMANCE: Kongsberg

STAND-BY: 1mt/per day

DP OPERATIONS: 2mt/per day

TRANSIT: 5mt/per day

MACHINERY

MAIN ENGINES: 2 x C32 Acert Caterpillar
1209.5kw each

GENE RATORS: 3 x C18 Caterpillar
580kw EACH

THRUSTERS (AFT): 2 x Thrustmaster TZ 1050BHP
4 Bladed Azimuth

THRUSTERS (FWD): 4 x Thrustmaster TT 250BHP
4 Bladed Azimuth

CAPACITIES

FUEL CAPACITY: 155,000L (Diesel)

FRESH WATER: 65,000L

WATER MAKER: Hem 2 x 6,000L/day

SEWERAGE TREATMENT: Harmon, Marpol Compliant

OILY WATER SEPARATOR: Marpol Compliant

DECK AREAS

MAIN DECK: 300 sq/m

DECK LOADING: 5.0t sq/m

DECK EQUIPMENT

MAIN DECK CRANE: Palfinger PTM 1200

LIFTING CAPACITY SWL: Max. 12t

8m 12t

10m 10.5t

12m 8.5t

14m 7.1t

SERVICE CRANE: Palfinger PK 15500m

Head Office
L3 / 251 St Georges Tce
Perth WA 6000
Tel: +61 8 9424 2300

Dampier Office
1 Nielsen Place
Dampier WA 6713
Tel: +61 8 9144 3300

Darwin Office
869 Berrimah Rd
East Arm NT 0822
Tel: +61 8 8982 0600

Brisbane Office
30 Paringa Rd
Murarrie QLD 4172
Tel: +61 7 3907 3111

LIFTING CAPACITY SWL:	Max 6.2t
4.5m	3.26t
6.1m	2.38t
8m	1.69t
10.1m	1.23t
12.2m	0.91t
14.3m	0.65t
16.5m	0.52t

MOON POOL: 4.5m (L) x 3.2m (W) with folding hatch

MOORING SYSTEM (FWD): 2 x 350kg SHHP Anchors & 100m Chain

SAFETY EQUIPMENT

LIFE RAFTS: 2 x 50 Person

RESCUE BOAT: 1 x 4m Solas rescue boat with Solas hydraulic davit and 15hp diesel outboard

LIFE JACKETS: 150% of compliment (*as per class*)

WORK BOAT: 6.0m alloy workboat with 150hp diesel inboard and stern leg

DYNAMIC POSITIONING SYSTEM

TYPE: Kongsberg K-POS DP2

REFERENCE SYSTEMS (x5): 2 x DGPS
1 x Fan Beam
1 x Taut Wire
1 x Sonardyne Ranger 2 USBL

NAVIGATION

RADAR: 2 x Furuno FAR-2127

AIS SYSTEM: Furuno FA-150

ECDIS SYSTEM: Furuno FEA2107
Radar Overlay PCB

AUTO PILOT: Kongsberg K-POS DP2 (Integrated)

DGPS (IMO COMPLIANT): 2 x Furuno GP-150 with OP20-32-1 Antenna

NAVTEX RECEIVER: JMC NT-2000

GYRO COMPASS: 3 x C Plath Navigate x MKI

GYRO REPEATER: 2 x C Plath Digital

MAGNETIC COMPASS: 2 x Lillie & Gillie Walker – Steering & Standard

WIND SYSTEM: 1 x Lillie & Gillie Walker
1 x Kongsberg

ECHO SOUNDER: Furuno FE-700 6.5"
Furuno PP-505-FE Printer

SPEED LOG: Furuno Doppler DS-80

H2S GAS MONITORING: Fixed H2S Monitoring System Installed (Certified)

COMMUNICATIONS

SAT PHONE (1): F77 Sailor FB500

SAT PHONE (2): 2 x Thuraya Phone SG-2520

SAT TV SYSTEM: Seatel 3004

GMDSS AREA A1-A3: Furuno RC 1800T 25DC MK4 radio console with Inmarsat-C

VHF SYSTEM: 2 x Furuno FM-8800S

NAVTEX RECEIVER: Furuno NX700B

SART: 2 x ACR Tellusart MK3

EPIRB: Kannad 406

FLEET BROADBAND 577: Sailor FB500

HANDHELD VHF RADIOS: 3 x Sailor SP3520 Portable GMDSS

HANDHELD VHF RADIOS: 3 x Sailor SP3510 Portable (Waterproof)

PABX: DICS 6101 Central Unit, 24 lines

PA & INTERCOM: CIS-3130 Central Unit with 15+4 remote station

VSAT: Intellian – 24hr internet & main connection

ACCOMMODATION

FULL AIR-CONDITIONING: Gulf Standard

All Cabins with ensuite, shower, hand basin & toilet

BERTHS: 35 (23 for Charter Party)

5 x single cabins, 4 x two berth cabins, 2 x three berth cabins and 4 x four berth cabins

GALLEY & DINING: 35

SURVEY OFFICE: Seats 8

LOUNGE: Seats 15

TOILETS: 16

SHOWERS: 15

LAUNDRY: 2 x washing machines
2 x clothes dryers

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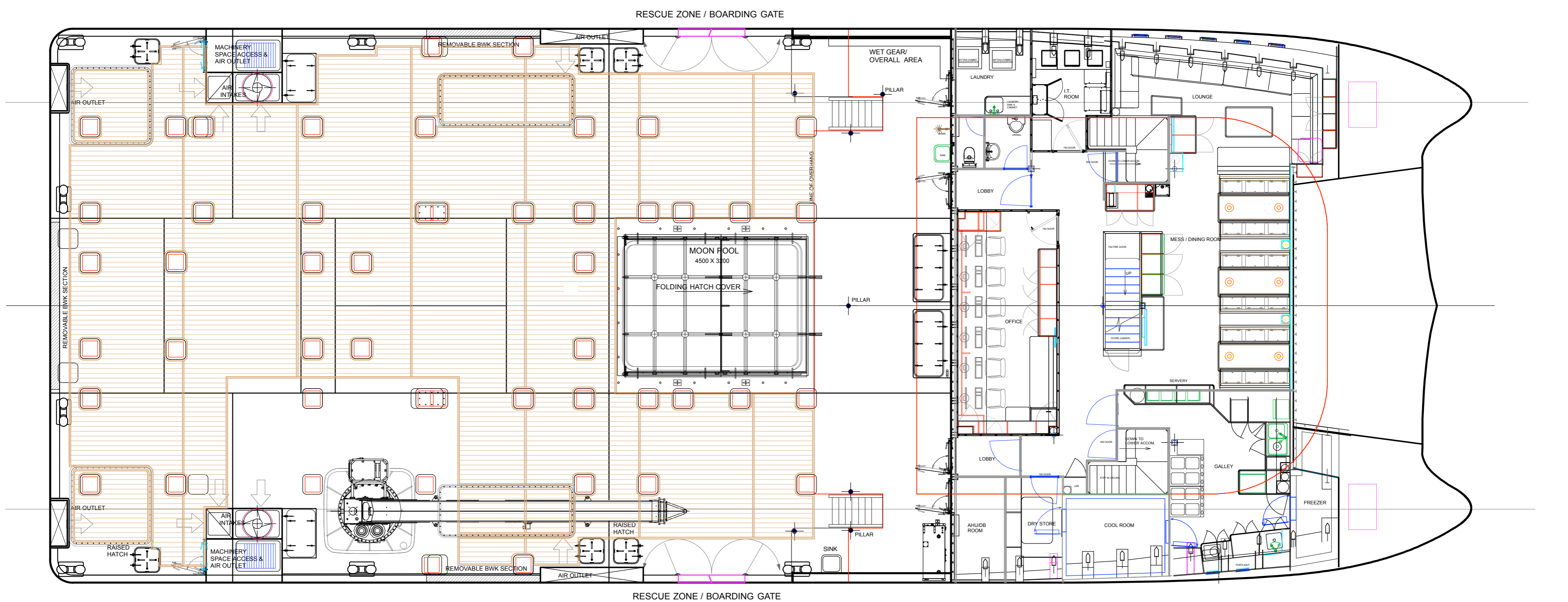
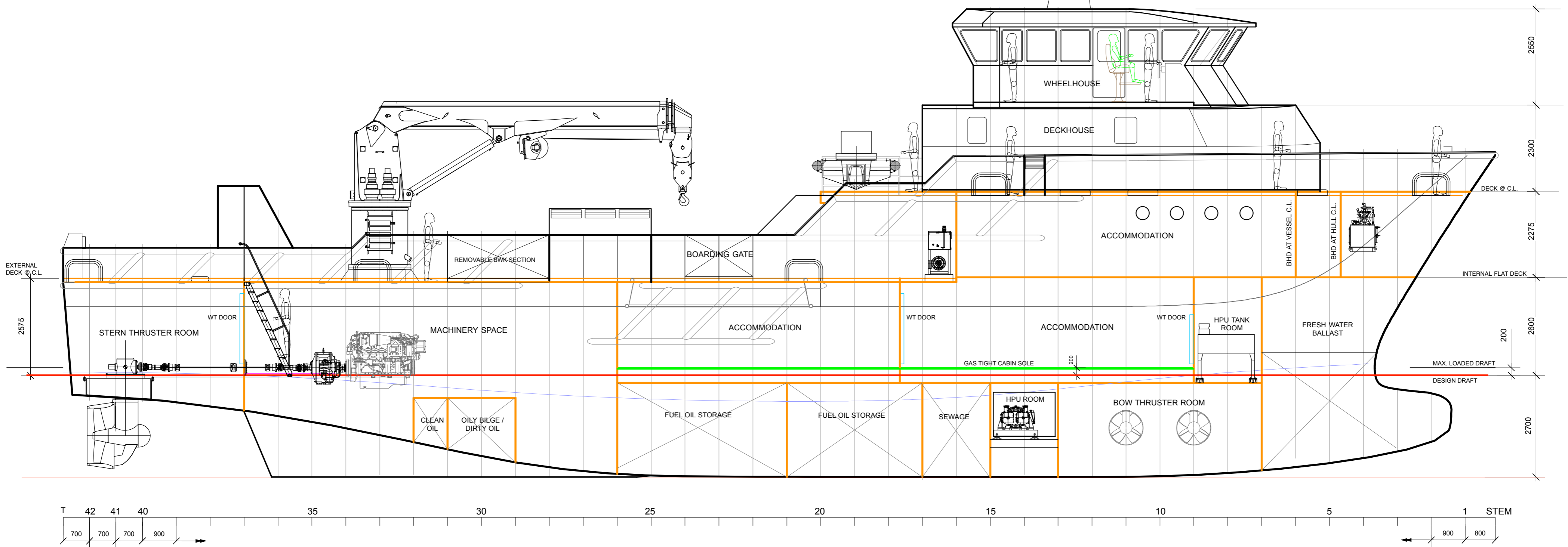
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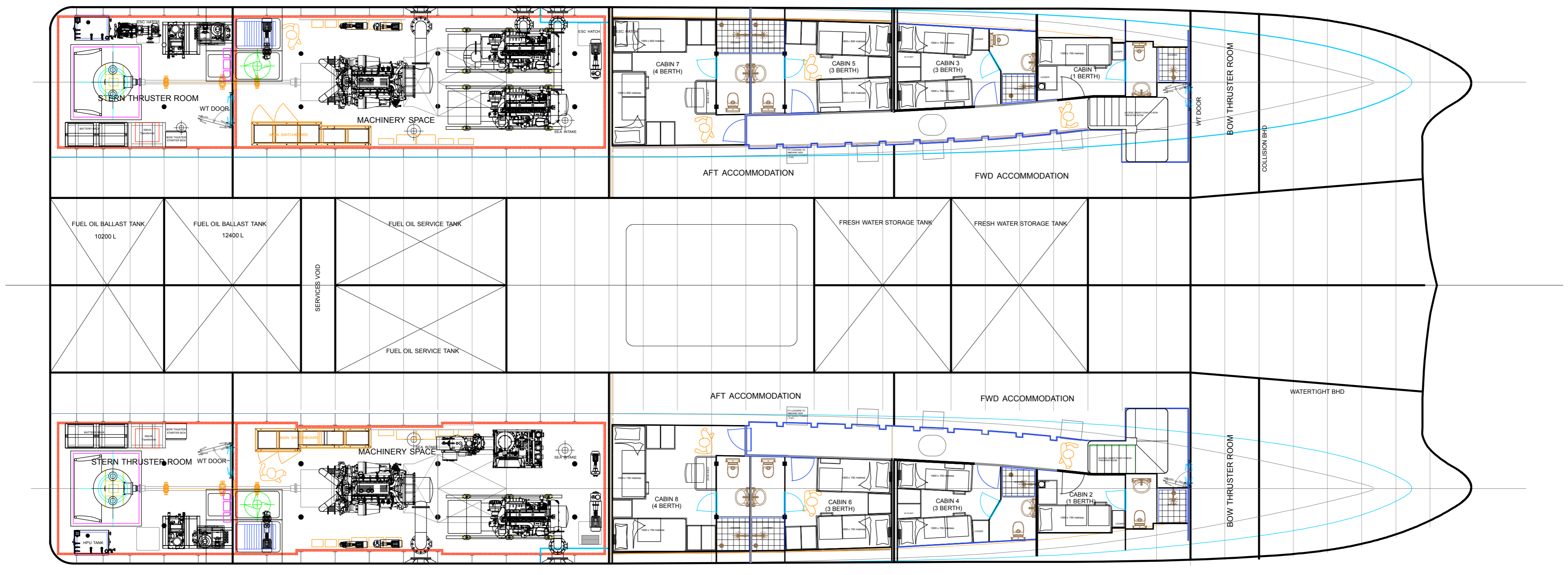
489 GRT CATAMARAN

PRINCIPAL DIMENSIONS

LENGTH O' ALL	38.00 M
LENGTH LOADED W.L.	34.61 M
BEAM MOULDED	14.65 M
DEPTH MOULDED	5.275 M
DRAFT MAX LOADED	2.90 M



MAIN DECK PLAN



LOWER DECK PLAN

NO	Rev Update Description	Date
11		
10		
9	UPDATE DECK ARRANGEMENT	MAY 11
8	UPDATE ARRANGEMENT	22.01.11
7	UPDATE ARRANGEMENT	06.10.10
6	INSERT LIGHT TAUT WIRE	11.04.10
5	RE DESIGN VENT BOX ARRANGEMENT & SIZE	24.04.10
4	RE-NAME CABIN	22.03.10
3	WEATHER TIGHT AND WATER TIGHT DOOR ARRANGEMENT UPDATE	06.03.10
2	KNUCKLE CRANE HPU, WINDLASS HPU & CRANE CONTROL INSERT	04.03.10
1	UPDATE HULL FWD SHAPE AND WINDLASS TYPE	02.03.10



client: **SEAWORKS LTD (NZ)** 38m DP CATAMARAN

**GENERAL ARRANGEMENT PLAN
 INBOARD PROFILE, MAIN
 AND LOWER DECK PLAN**

drawn	G.J.K.	scale	1:75 ON A1	date	OCT 2006	drawing number	87818-01-02	issue	2
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