

Bhagwan Dryden

SHALLOW WATER

ADSV DP2 FIFI 1



BUILT:

SINGAPORE 2014

OWNER:

BHAGWAN MARINE

CLASSIFICATION:

ABS – A1 (E) DSV, AIR, SPS, FFV1, AMS, ACCU DPS2, GP, ENVIRO, RRDA, IMDG, CRC

CLASS TYPE:

ABS CLASS AIR DSV(CATAMARAN) DIESEL ELECTRIC

IMO NUMBER: 9680968

CALL SIGN: VHCO

MAIN MACHINERY: 2X SCHOTTEL STP 550 STERN AZIMUTH THRUSTERS (2X 830KW), 2X BOW THRUSTERS, TH300MLRT THRUSTMASTERS (HYDRAULIC RETRACTABLE/AZIMUTH) (2X 223KW). 2X 984KW CUMMINS QSK38-DM, 2X 433KW CUMMINS QSK19-DM, 1X 164KW CUMMINS QSB7-DM (EMERGENCY GENERATOR). 2X 65KWH, CORVUS 48VDC BATTERY SYSTEMS. CONNECTED TO MAIN DC BUS SYSTEM GIVING VESSEL UNIQUE ABILITY TO OPERATE ON BATTERY POWER FOR 20MIN @ 4K.

DIMENSIONS:

LENGTH OVERALL: 56.8M
BEAM: 16M
DRAFT: 3.2M
GROSS TONNAGE: 1475GT
DEADWEIGHT: 250T (APPROX.) @ 2.7M DRAFT

SPEED :

FULL OPERATING: 13.5KN (APPROX.)

CAPACITIES:

CARGO: 150T
CLEAR DECK: 250M²
FUEL OIL: 125M³ (APPROX.)
POTABLE WATER: 75M³ (APPROX.) PLUS 10T/DAY DESAL PLANT

CARGO DECK:

CLEAR DECK AREA: 260M² (APPROX.)
DECK RATING: 10T/M²
DECK LOAD: 10T/M²

HULL: TWIN KEEL CATAMARAN, STEEL HULL, 16M OPEN TRANSOM INSIDE SAFETY RAILS, RESCUE ZONES PORT AND STARBOARD

DECK EQUIPMENT:

DECK CRANE: HS MARINE CRANE MODEL AKC 245HE4 35.3M/T @ 4.5M, 8.3M/T @ 16.6M MAX REACH

WORK WINCH (ELECTRIC): DOUBLE DRUM WATERFALL UPPER DRUM (LINE PULL) 20T (1ST LAYER), BRAKE HOLDING (1ST LAYER) 40T, LOWER DRUM (LINE PULL) (1ST LAYER) 44T, BRAKE HOLDING (1ST LAYER) 65T.

POINT MOORING (ELECTRIC): EMS 4 POINT MOORING SYSTEM, ELECTRIC ZONE 2 EXPLOSION PROOF. DRUM PULL FIRST LAYER 37MT (L/SPEED) 0-4M/MIN, TOP LAYER / 5.3MT MT 0-73 M/MIN. DRUM BRAKE HOLDING 100MT (FIRST LAYER)

ANCHORS: 4X 2,000KGS DELTA FLIPPER

A-FRAME: DESIGN LOAD 45T

AVAILABLE POWER AFT DECK: (D-CURVE) 2X 100 AMP 4X 64 AMP, 4X 32 AMP, NORMAL 9X 32 AMP, 6X 240V, 15 AMP.

STERN ROLLER: 50T

SHARK JAWS : 50T

MISCELLANEOUS EQUIPMENT:

MARPOL COMPLIANT: HAMANN SEWAGE TREATMENT PLANT

SULLAGE TANK: 30M³

OILY WATER SEPARATOR: BOSS

GAS DETECTION MONITORING: TETRA TESTS FOR CO, H²S, ALERT SYSTEM: METHANE, O²

MEDICAL PROVISIONS: HOSPITAL & MEDICAL SUPPLIES AS PER MARINE ORDERS

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PHONE: +61 8 9965 9700 FAX: +61 8 9965 4545 EMAIL: COMMERCIAL@BHAGWANMARINE.COM

WHEELHOUSE:

DYNAMIC POSITIONING SYSTEM : KONGSBERG K-Pos DP- 21 cJOY INDEPENDENT JOYSTICK SYSTEM

GYROCOMPASS: 2X ANSCHUTZ

AIS: Furuno FA- 150

VDR: MANTADIGITAL

RADAR: 2X FURUNO: X BAND MODEL FAR2827D, S BAND MODEL FAR – 2837s

ECHO SOUNDER: SKIPPER GDS 102

AUTO PILOT: RAYTHEON ANSCHUTZ – PILOTSTAR

GMDSS: SAILOR 6222

SART & EPIRB: MC.MURDO E5

ECDIS 2x FURUNO FMD-3300

NAVTEX RECEIVER: FURUNO NX7

SEARCH LIGHTS: COLOURLIGHT

GPS: FURNO GP-150

INMARSAT C EQUIPMENT: SAILOR 6110 SAT-C

V-SAT: KNS SUPERTRACK Z10

CCTV SYSTEM: 18 PTZ CAMERAS (IMCOS)

ACCOMMODATION:

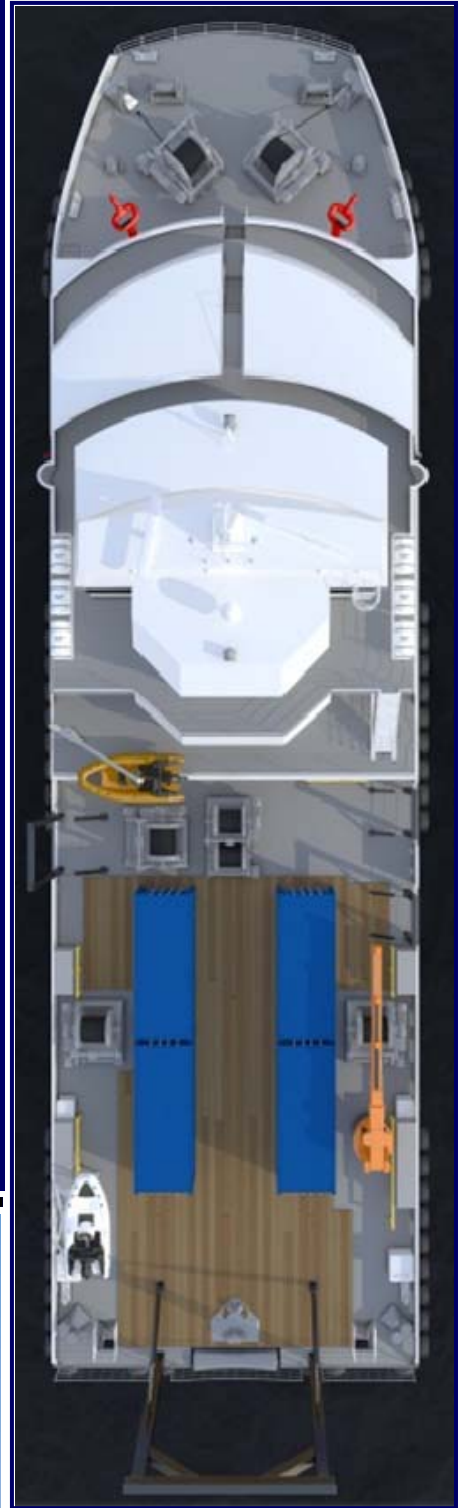
MID DECK: MASTER’S CABIN / ENSUITE, ENGINEER’S CABIN / ENSUITE, 8X 2 BERTH CABINS WITH ENSUITE, 2X 1 BERTH CABINS WITH ENSUITE LARGE CLIENT OFFICE/SURVEY ROOM

MAIN DECK: LARGE GALLEY, DINING AREA FOR 30, CHANGE ROOM, 2X SHOWERS AND 2X TOILETS,LAUNDRY WORKSHOPS / GEAR STORE DIVE/ROV CONTROL OFFICE

PORT HULL: 5X 2 BERTH CABINS WITH ENSUITE, Laundry ALL CABINS INCLUDE TV / DVD, FULLY EQUIPPED GYMNASIUM

STARBOARD: 5X 2 BERTH CABINS WITH ENSUITE, LAUNDRY

HULL: ALL CABINS INCLUDE SAT TV / DVD, INTERNET



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CONTACT DETAILS

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REMOTE OPERATED VEHICLE:

SUB ATLANTIC: 1X COMANCHE, C/W GARAGE TYPE TETHER MANAGEMENT SYSTEM.

DEPTH RATING: 2000MSW

DIVING SYSTEMS:

DEPTH RATING: 50 M

DIVE LARS: 2X POMMEC LAUNCH & RECOVERY SYSTEMS

CHAMBERS: 2X HYTECH 72" TWIN LOCK DECK DECOMPRESSION CHAMBERS

CLASSIFICATION : ENTIRE AIR DIVING SYSTEM BUILT UNDER ABS CLASSIFICATION REQUIREMENTS

DP SYSTEM: KONGSBERG K-POS, (IMO DP CLASS 2) - SENSORS

DGPS 116: 2X INDEPENDENT UNITS VERIPOS

SONARDYNE (RETRACTABLE): 1X UNIT

MRU: 3X UNITS

GILL WIND SENSOR: 3X UNITS

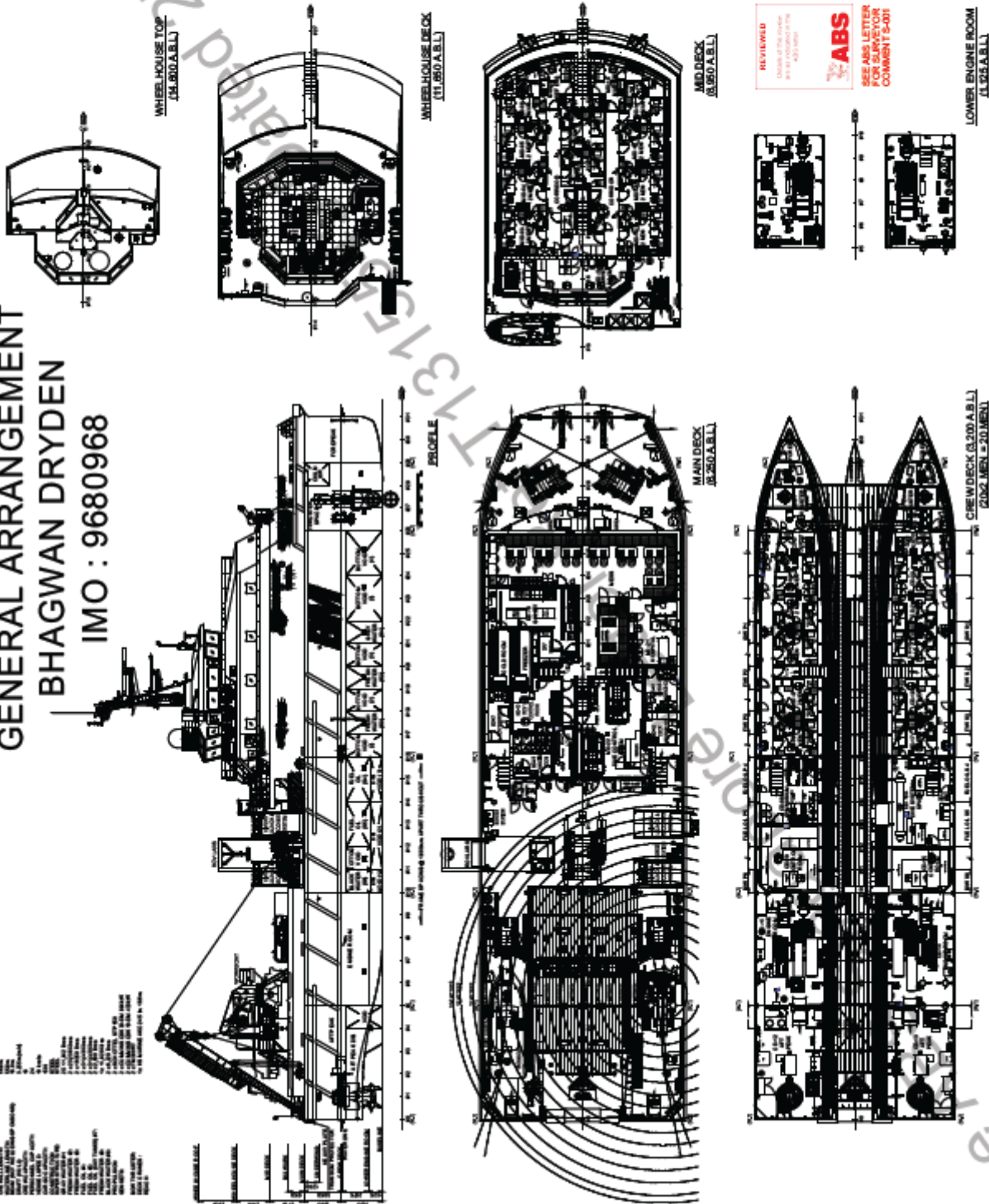


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GENERAL ARRANGEMENT BHAGWAN DRYDEN IMO : 9680968

- NOTATIONS:**
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ALTERATIONS		REFERENCE PLANS	
NO.	DESCRIPTION	NO.	DATE
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2	ISSUE 2 OF THIS SPECIFICATION		
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