



## **MERMAID ASIANA**

### **MERMAID ASIANA – DP2 - SATURATION DIVING SUPPORT VESSEL**

Mermaid Asiana is a purpose-built DP2 DSV with diesel-electric propulsion, was delivered in February 2010, and is fully compliant with IMO Code for Special Purpose Ships. The vessel features a fully built-in and classed 12-man single bell saturation diving system rated to 300m water depth, including a self-propelled hyperbaric lifeboat. Dive gas storage cylinders are located below main deck level, leaving all back deck space for project equipment. A 100T active heave-compensated knuckle-boom crane enables Mermaid Asiana to perform light construction operations.

Mermaid Asiana is equipped with substantial office space, survey room, hospital and gymnasium. Accommodation comprises 100 berths, and all cabins have en-suite bathrooms.

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#### **MERMAID SUBSEA SERVICES (INTERNATIONAL) LTD**

Mermaid Subsea Services (International) Ltd, a member of Mermaid Offshore Services, is a leading provider of Subsea Support Services to the Oil and Gas Industry. Together with our partners, we provide diving and ROV support

<b>OWNERS</b>	Mermaid Subsea Services (Int).Ltd
Year of Build	2009
Port of Registry	Panama
Class	ABS + A1 + AMS Offshore Support Vessel + DPS-2, Diving Support Vessel

<b>DIMENSION</b>	
L.O.A.	90.0m
Breadth Moulded	22m
Depth Moulded	8m
Operational Draft	5.5m

<b>DYNAMIC POSITIONING</b>	
Control System	Converteam ADP 21
Positioning	2 X DGPS 1 X NTD Type 500 Mk III LWTW 2 X Sonar dyne USBL 2000m 1 X Radascan

<b>CAPACITIES</b>	
Fuel Oil	Approx. 1200m <sup>3</sup>
Fresh Water	Approx. 800m <sup>3</sup>
Clear Deck Area	Approx. 700m <sup>3</sup>

<b>ELECTRONICS</b>	
Radars (2)	Furuno FAR- 2117X-band
Gyro Compass (4)	ANSCHUETZ Standard 22
Echo Sounder	GGG/GGGGM
List /Trim	Furuno FE-700

<b>COMMUNICATIONS</b>	
GMDSS Furuno FM8800	Furuno FM8800
VHF (3)	McMurdo RZ
Aeronautical VHF (2)	ICOMIC-A6
Computer Network	Yes
Internal Communications	Yes
VSAT	24hr Telephone, email &Internet

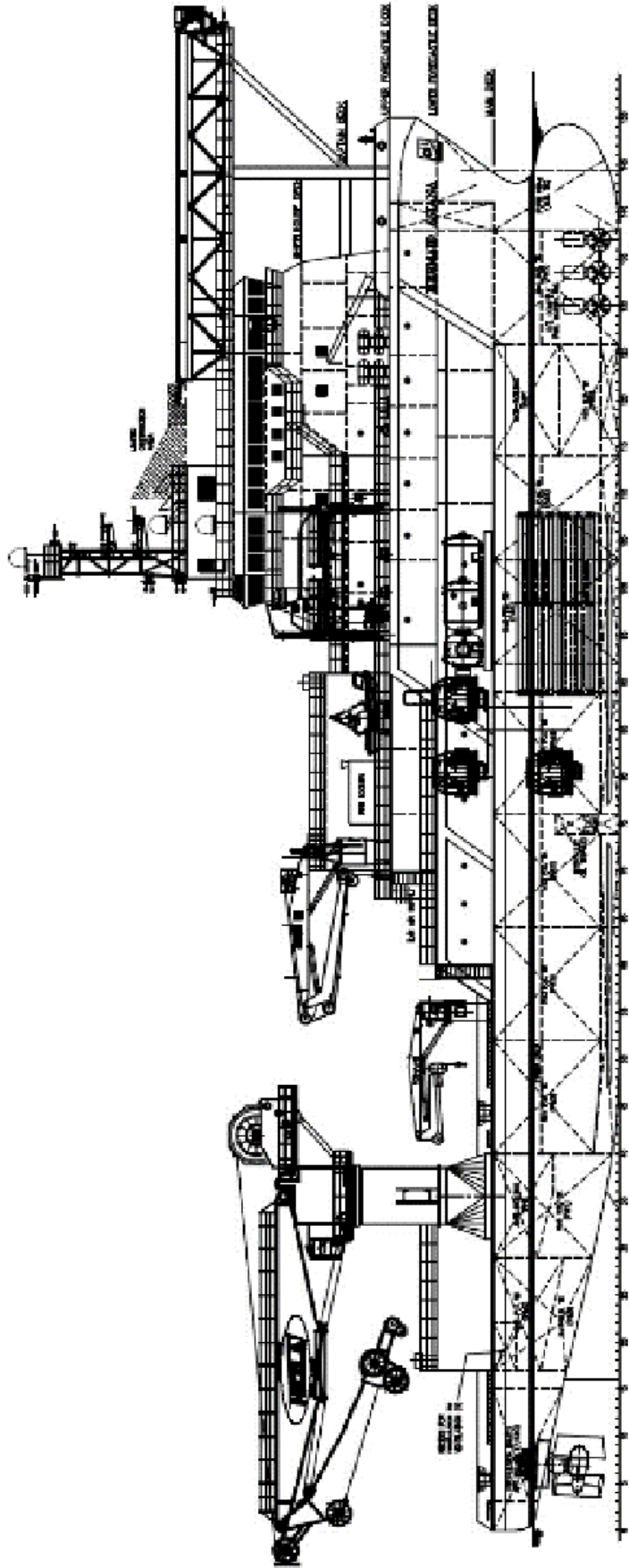
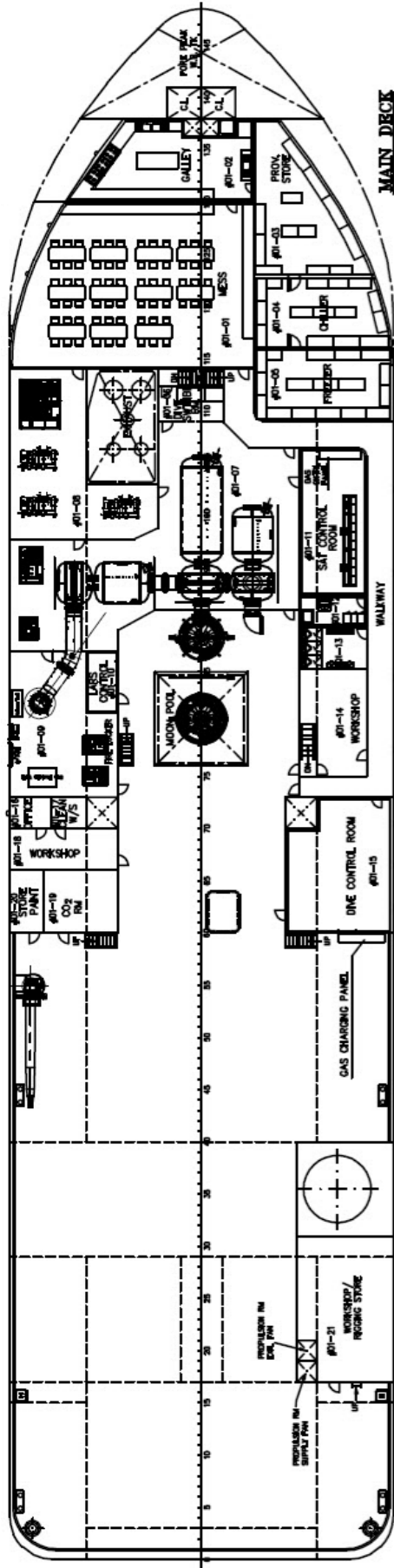
<b>MACHINERY</b>	
Main Propulsion	2 x 2000 Kw FP Azimuth
Bow Thrusters	3 x 620 Kw FP Tunnel
Generators	6 x 1600 Kw Cummins
Emergency	1 x 780 Kw
Water Makers	2 x 30 m <sup>3</sup> per day

<b>DECK MACHINERY</b>	
Main Crane	Heila AHC KnuckleBoom
Capacity	Main Winch 100t @15m25t @32m single line, 1600m wire length. Aux Winch 10t @30m Man Riding 1.5t @30m.
Auxiliary Crane	2t @a5m Knuckle Boom

<b>ACCOMMODATION</b>	
Cabins /Berths	Total 100Berths 12 x 1 berth 17 x 2 berth 10 x 4 Berth
Hospital	2 berth
Offices	3 + dedicated Survey Lounge
Other	Galley, mess room, 2 x dayrooms

<b>DIVING SYSTEM</b>	
Capacity	12 Man rated at 300msw
Diving Bell	1 x 6.3 m3
Hyperbaric Lifeboat	Self-Propelled 12 divers + crew
Gas Storage	Below deck 36 X 2460 ltr capacity

<b>MISCELLANEOUS</b>	
Helipad	Sikorsky S-61 N , Super Puma rated
Lifeboats	2 x GRP 60 man
Liferafts	8 x 25 man
Rescue Craft	6.32 davit launch 160hp Waterjet



The technical specifications presented within this document are subject to change without prior notification. The information presented within this document are believed to be correct, but no guarantees of accuracy can be given.

