



SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC

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Synergy 1500 Class Deck Decompression Chamber (DDC) Overview

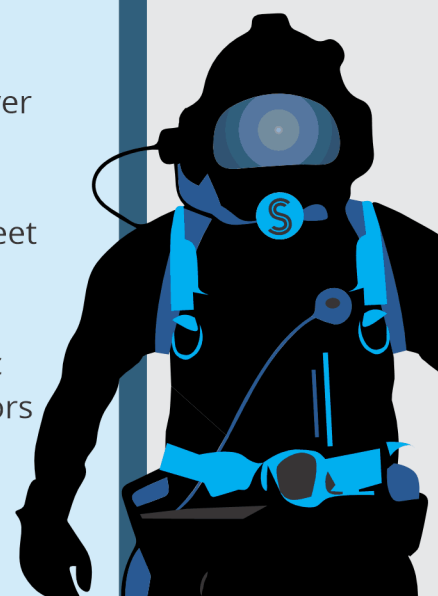
This advanced surface-oriented diving system features a 1500mm (60") ABS Classed Twin-Lock Diving Decompression Chamber (DDC) housed within a certified DNV 2.7-1 Offshore Container.

Designed for air diving operations, the chamber is rated to 10 Bar(100 MSW) and fully equipped for offshore deployment.

The system includes three diver air panels with independent Tescom gas regulation, pneumo fathometers, and color-coded lines and gauges for diver safety.

Integrated HD video, lighting, communication, and life support systems meet IMCA guidelines (D018, D023) and offshore compliance standards.

Fire protection, medical response gear, power redundancy, and ergonomic features ensure safety, performance, and comfort for divers and supervisors during critical operations.





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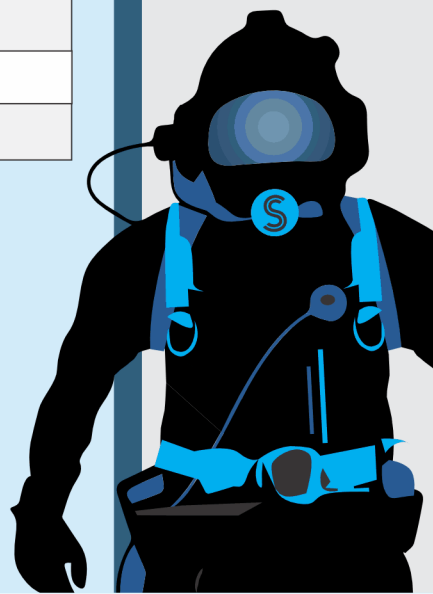
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| IMCA Code: | Description: |
|------------|---|
| IMCA D018: | Code of Practice for the Initial and Periodic Examination, Testing, and Certification of Diving Plant and Equipment |
| IMCA D023: | Design for Surface Oriented (Air) Diving Systems |

| Sr. No. | Description: |
|---------|---|
| 1A | DNV 2.7-1 - Offshore container |
| 2 | Diving Decompression Chamber 60" / 1500mm diameter, Twin Lock (Entry / main lock, automatic medical lock), gloss paint finish, fire retardant |
| 3 | Voltage stabilizer |
| 4 | Manual Fire deluge system |
| 5 | First Aid Medical kit in metal box |
| 6 | DAN approved oxygen resuscitator with mask, cylinder, regulator, Pelican case (Optional) |
| 7 | Working desk |
| 8 | Filing case |
| 9 | Supervisor chair |
| 10 | Split Air Conditioner, 220V, 50/60 Hz, 1.5 tons (hot/cold) |
| 11 | Thermal insulation |
| 12 | Electrical fit out |
| 13 | Storage shelf |





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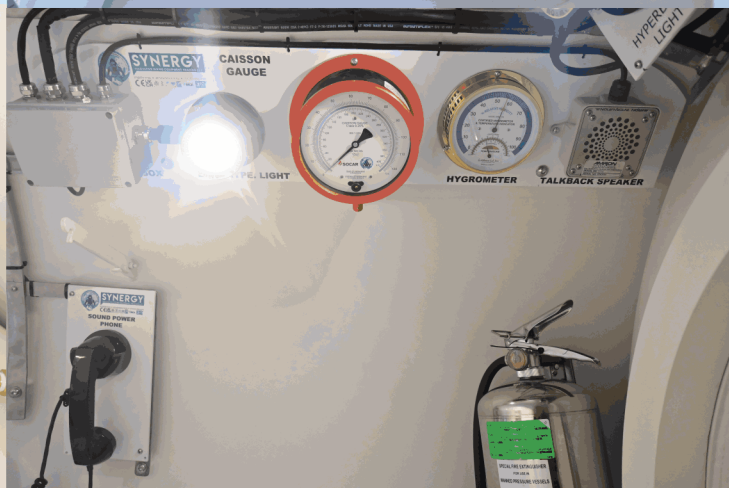
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ABS Classed 1500mm Chamber With Three Diver Air Panel

Chamber Main Lock with Complete Fit-Out





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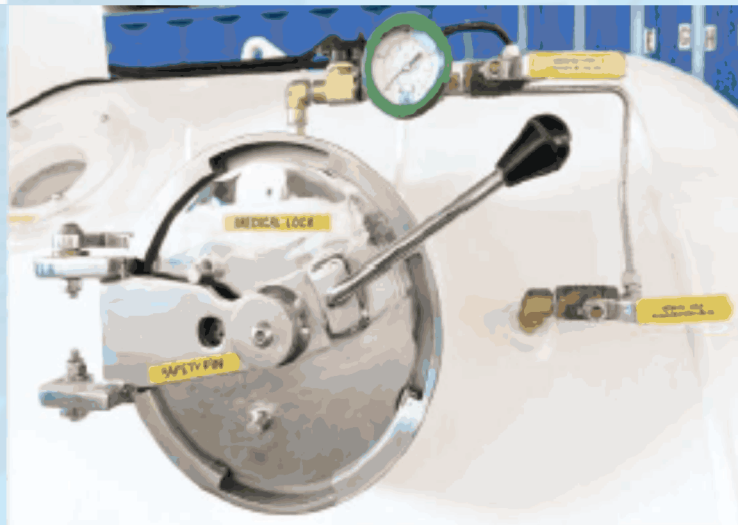
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ABS Classed 1500mm Chamber With Three Diver Air Panel

Chamber Medical Lock - Stainless Steel With Automatic Interlock





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ABS Classed 1500mm Chamber With Three Diver Air Panel

Control Panel For Decompression Chamber Management





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ABS Classed 1500mm Chamber With Three Diver Air Panel

Three Diver Air Panel



PART NO : SY-3DAP-FP-D023-2R-3DV-4M



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ABS Classed 1500mm Chamber With Three Diver Air Panel

19" Electrical Panel Rack (Supervisor Electrical Panel, ABS Classed)





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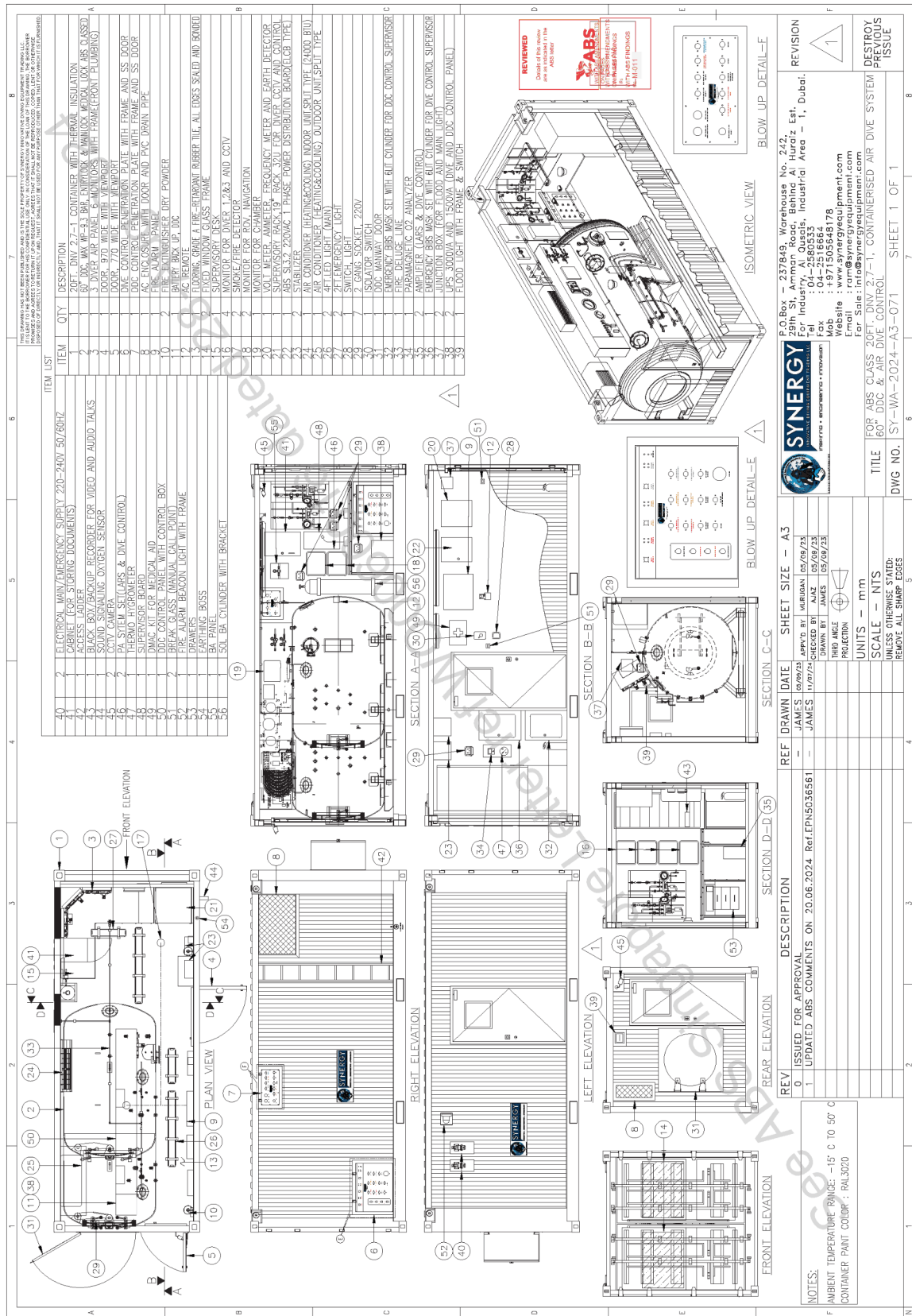
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ABS Classed 1500mm Chamber With Three Diver Air Panel

GA Drawing

Document must be opened with Adobe to view all ABS amendments.





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