



COMMITMENT
WITHOUT
COMPROMISE

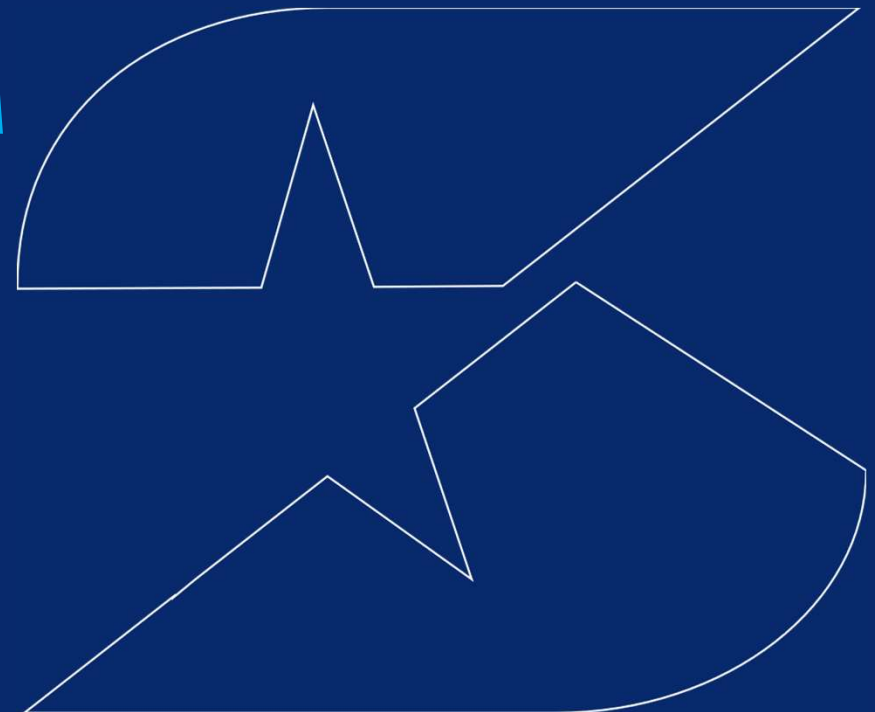


SAT001 300m 12-DIVER SATURATION DIVING SYSTEM

Asset Category



D DIVING SYSTEMS





General Description

SAT001 was designed and built by ARC Controls Inc, to ABS classification rules and holds a full class certificate. The 12-man saturation diving system is maintained and certified in accordance with IMCA design guidance.

The system consists of dive and saturation control, divers hot water units, divers gas reclaim, environmental control units and potable water, all machinery is supplied by Divex/JFD. The system has 3 living chamber, 1 x 6 diver, 2 x 3 diver, this arrangement allows for split lever saturation projects.

General Description

The system has been utilized in an array of different regions, Australia, South America, North America and Asia. The system has proven itself to be very effective in all climates with minimal down time and high productivity

Bintang Subsea is a member of the Shelf Subsea group of companies of which both are active members of various associations including IMCA.

All details are presented herein in good faith and are believed to be correct at time of publication. System specifications are subject to change without notice.

Detailed Specification

- 300m depth rating
- IMCA D 024 Rev 2 Compliant
- DMAC028 ready
- Dedicated ABS Approved generator for secondary supply
- HD diver video capturing and editing
- 10ft Life Support Package (LSP)
- ABS Approved generator for LSP secondary supply
- Moonpool Bell Launch
- Moonpool Curser
- Major Refurbishment 2012

ALL ENQUIRIES > contact@shelfsubsea.com | www.shelfsubsea.com



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BUILD DETAILS

Year of Build	:	2008
Last Major Upgrade	:	2018
Builder	:	ARC Controls Inc,
Class Society	:	ABS
Testing / Certification Standard	:	IMCA D 018 & D024 Built to ABS A1 Class

LIVING CHAMBERS

Chamber 1:	17 m3	:	4 man living
TUP 1:	7.6 m3	:	n/a
Chamber 2:	17 m3	:	6 man living
TUP 2:	7.6 m3	:	n/a
Chamber 3:	15 m3	:	3 man living
HRC:	16.4m3	:	12 Man Emergency

DIVING BELL

Capacity Men	:	3
Diver Lockout Capability	:	2
Volume	:	5 m3
Mating to TUP	:	Side Mating

RECLAIM SYSTEM

Make	:	JFD
Type	:	Gasmiser
Model	:	Electric
Average reclaim figures	:	88 %

SERVICES REQUIRED

Electrical Power	:	415 to 480V, 50/60Hz
Emergency Generator Supplied	:	ABS Classed 550kVA
Water Supply	:	235 l/min
Compressed Air	:	Not Required

HYPERBARIC EVACUATION SYSTEM

Type	:	HRC
Launch System	:	Davit Launch System
Propulsion	:	Tow Only
Capacity Men	:	12 Man
LSP	:	10FT Container w/umbilical

UMBILICALS

Main Bell	:	
Emergency Bell	:	330 m
Lockout Diver 1	:	310 m
Lockout Diver 2	:	45 m
Bell Man	:	45 m
	:	55 m

LIFESUPPORT MACHINERY

Diver Hot Water Unit	:	2 x JFD WHE-3
CMU Units	:	3 x JFD CMU-2
Internal Scrubbers	:	Divex & Lexmar