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"SAT001" 300 metre 12-man Saturation Diving System



SERVICES REQUIRED

Electric Power - System	:	400 to 480v, 50/60 Hz
Emergency Generator	:	ABS Classed 625 kVA
Compressed Air	:	Not required
Seawater	:	25 gpm
Fresh Water	:	5 gpm

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
Diver Hat Mounted Camera Sys	:	2
Volume	:	4.9 m3
Mating to DDC	:	Side Mating

RECLAIM SYSTEM

Type	:	Divex Gasmiser
Pumps	:	Electric
Bell Capacity	:	2 Diver Reclaim
Gas Transfer Pumps	:	2 x Corblin

BUILT :

Year Built	:	2006
Last Upgrade	:	2014
Builder	:	ARC Controls Inc, USA
Class Society	:	ABS
Testing / Certification Standard	:	IMCA D 018 & D024 Rev 2 Built to ABS Class

HYPERBARIC EVACUATION SYSTEM

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

UMBILICALS

Main Bell	:	330 m
Emergency Bell	:	300 m
Lockout Diver 1	:	45 m
Lockout Diver 2	:	45 m
Bell Man	:	55 m

LIFESUPPORT MACHINERY

Diver Hot water Unit	:	2 x Hydra
CMU Units	:	3 x AC Controls
Scrubbers	:	1 x Weng Huat Divex & Weng Huat

Specification subject to change without notice.
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