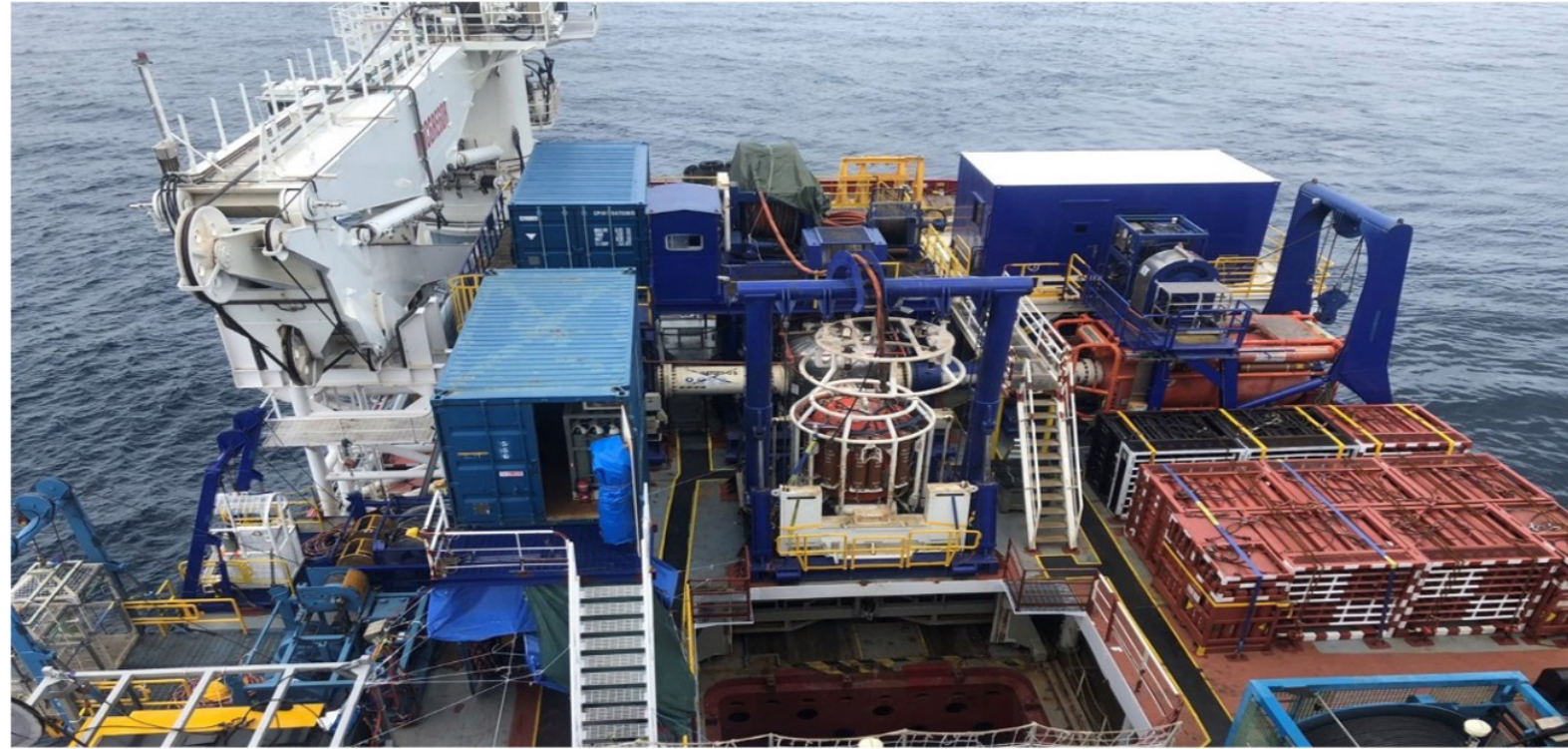


# SATURATION DIVING SYSTEM

## SPECIFICATION SHEET



## GENERAL DESCRIPTION

SAT0001 was designed and built by ARC Controls Inc, to ABS classification rules and holds a full class certification. 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, 1x6 diver, 2x3 diver, this arrangement allows for split lever saturation project.

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.

## KEY FEATURES

- 300 m depth rating
- IMCA D 024 Rev 2 Compliant
- DMACO28 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
- Major Refurbishment 2012

## 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	16.4 m3 / 12 man emergency

## DIVING BELL

CAPACITY MEN	3
DIVER LOCKOUT CAPACITY	2
VOLUME	5 m3
MATING TO TUP	Side Mating

## RECLAIM SYSTEM

MAKE	JFD
TYPE	Gasmiser
MODEL	Electric
AVERAGE RECLAIM FIGURES	88%

## SERVICES REQUIRED

ELECTRIC 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	Davit Launch System
LAUNCH SYSTEM	Tow Only
PROPULSION	12 Man
CAPACITY MEN	10ft Container w/ umbilical
LSP	

## UMBILICALS

MAIN BELL	330 m
EMERGENCY BELL	310 m
LOCKOUT DIVER 1	45 m
LOCKOUT DIVER 2	45 m
BELL MAN	55 m

## LIFESUPPORT MACHINERY

DIVER HOT WATER UNIT	2 x JFD WHE-3
CMU UNITS	3 x JFD CMU-2
INTERNAL SCRUBBERS	Divex & Lexmar

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