**DIV**

**DIV Diving Engineering Co., Ltd**

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**SAT6 300msw/12 man**

**Saturation Diving System**

**Specifications DIV**



**DIV Diving Engineering Co., Ltd**

**SAT6 300msw/12 man Saturation Diving System**

### MAIN PARTICULARS

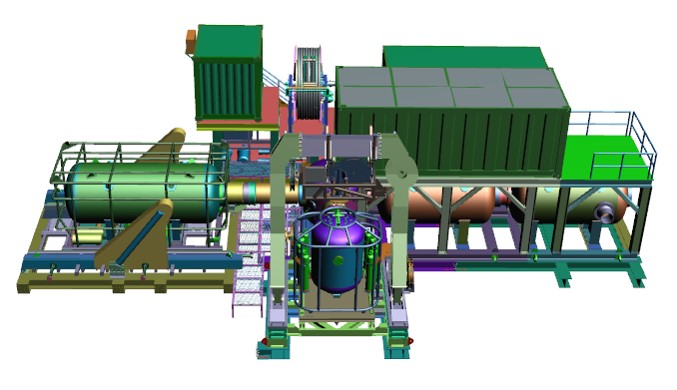
Year built 2014

Builder IUC / Unique

Class Society ABS

Testing/Certification IMCA D018/D024

Standard



### COMPONENTS

Weight Dimensions (L\*W\*H)

DDC1 with TUP 32.16t 9.14\*3.30\*3.56

HRC 19.44t 7.55\*5.64\*3.09

DDC2 18.16t 4.95\*3.05\*4.44

Bell 30.71t 4.80\*4.60\*6.71

Sat/Air Diving Control Van 13.60t 7.62\*3.05\*2.84

Life Support Machine Van 7.50t 6.07\*2.91\*2.59

Gas Reclaim Van 8.20t 6.07\*2.91\*2.59

LARS 38.00t 7.01\*3.55\*5.26

Emergency Generator 6.30t 3.07\*2.44\*2.59

### SERVICES REQUIRED

Electric Power - System 480V, 60HZ

Electric Power – Hot water machine 480V, 60HZ

Emergency generator 250kV 480V,60HZ

Seawater 217Ipm / 50 psi minimum

Fresh Water Domestic potable@30 psi

### LIVING ACCOMMODATION CHAMBERS

DDC1 3 man

DDC2 3 man

HRC 6 man

### DIVING BELL

Capacity men 3

Diver Lockout Capability 2

Diver Hat Mounted Camera Systems 2

Volume 4.56 m³

Mating to DDC Side

Buoyancy Negative

### RECLAIM SYSTEM

Type Lexmar LezGas System

Compressor CompAir

Bell Capacity 2 Diver Reclaim

Dive Control System Divex

### HYPE RBARIC EVACUATION SYSTEM

Type Side-off/Float-off HRC

Launch System Self Launching System

Propulsion Tow only

Capacity men 12

Control Van Dedicated w/umbilical

### UMBILICAL

Main Bell 350m

Lockout Diver1 45m

Lockout Diver2 45m

Bell men 55m

### LIFE SUPPORT MACHINERY

Diver Hot water Unit CDI Supply

CUM Units UTS

Scrubbers DYDRA

**Specifications DIV**



**DIV Diving Engineering Co., Ltd**

**HAI YANG SHI YOU 289**

### GENERAL DESCRIPTION

Type MP Subsea Construction Vessel

Design STX OSCV 11L

Built by NB 776 STX Søviknes Norway

Accommodation 100 persons

Gross Tonnage 8922

Net Tonnage 2677

IMO No 9657882

Call Sign BFBC8

Area of Operation Worldwide

### Classification

1A1,E0,DYNPOS-AUTR(IMO II),DK(+),

CRANE,HELDK,ICE-1B.DEICE.CLEAN DESIGN,

NAUT-OSV,COMF-V(3),SPS

### Main Dimensions

Overall length 120.8m

Length between p.p 111.2m

Breadth molded 22.0m

Depth main deck 9.0m

Draft(max) 6.6m

### Deck Equipment

2×Windlass/Mooring winches fwd.Hatlapa

2×Mooring winches aft-Hatlapa

2×Provision cranes-Cargotech/MacGregor 3t

### Deck Space

Deck Material Steel/wood

Moonpool Work 7.2×7.2m

Moonpoo ROV 4.8×5.5m

Main Deck Area 1300㎡10t/㎡

### DP System

DPII Kongsberg SDP 21(DP2)

Ref.Systems Gyrocompass

3×STD22 Anschutz

2×DGPS(Seatex132&232)

1×Radius 1000

2×Hipap 500

2×Seapath 300

### NAV/Com

X-Band / S-Band radar

1×Furuno FE-700 Echo sounder

2×Telchart Dual TECDIS T-2138A

1×Sailor 6110 Sat C

1×Fleet Broadband 250 Sat phone

1×C band VSAT

### Power & Propulsion

Main 4×Wartsila 6L32 each 2880 kW(total 11 520 kW)

SCR System

Em.Gen 1×Nogva Scania DI 1262m 285 kW

### Thruster

Stern 2×RR Contaz 35 (Ice strenghtened) each 3000 kW

Bow 2×RR TT2650 each 1900 kW

1×RR TCN92M each 1500 kW

### Rescue

1×Weedo 700-222 hp waterjet

1×Midget 500 mkII-50hp outboard

2×106p Norsafe JYN100 Life boats(100% each side)

### Accommodation

100 persons,2 Day rooms,2 Client Cabins

Project meeting room

Conference room

Sky lobby/cinema

Gymnasium

Helideck reception

28 Single Cabin/38 Double Cabins

### Helicopter Deck

Supplier Maritime Products AS

Size D=26,1

Aircraft type S92 Sikorsky

Classification NMD,CAP437,MODU1989,DNV

### Fuel Consumptions

In Port 3 m³/24 hrs

Transit 25 m³/24 hrs

Full Speed 43 m³/24 hrs

DP 7-15 m³/24 hrs(depend on the weather)

### Crane

Offshore Cranes

1×National Oilwell 250t Subsea AHC Knuckle Boom Crane.

Main winch max lifting capacities 250t,

96mm wire, length 2500m.

Operation radius 12-36m,

Aux winch max lifting capacities 20t,

34mm wire, length 2500m.

Operation radius 9-40m.

Deck Cranes

2×Electro-Hydraulic deck/provision cranes

Each crane capacity:3.0t/15m

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**ROV**

### Schilling HD32 ROV

Vehicle

HPU 150Hp system,112kW

Depth rating 3000m

Vehicle dimensions Length 2900

mm×Width 1700 mm×Height 1900mm

Speed Fwd/Aft 3.2knots

Lateral 2.3 knots

Vertical 2.5 knots

Bollard pull Forward/Aft,900 Kg Lateral,900Kg

Vertical(Up/Down),850Kg

Payload 250Kg

Manipulators 7 function Schilling Titan 4

5 function Schilling Rigmaster

Auto function

Auto Heading/Depth/Altitude/Roll/Pitch

Stationkeep(DP)

Camera (5)Kongsberg

(1 HD color camera fiber output)

(1)TITAN 4 Wrist camera

Lights (10)Variable 120VAC/250W

Pan & Tilt 2 Electric Pan & Tilt Unit

Valve Pack (2)8-function

TMS With 900m tether Capacity

LARS Active Heave Compensated

### Schilling HD05 ROV

Vehicle

HPU 150Hp system,112kW

Depth rating 3000m

Vehicle dimensions Length 2500

mm×Width 1700 mm×Height 1900mm

Speed Fwd/Aft 3.0knots

Lateral 2.2 knots

Vertical 2.2 knots

Bollard pull Forward,1000 Kg

Aft,880Kg , Lateral,930Kg

Vertical(Up),465Kg, Vertical(Down),576Kg

Payload 250Kg

Manipulators 7 function Schilling Titan 4

5 function Schilling Rigmaster

Auto function

Auto Heading/Depth/Altitude/Roll/Pitch

Stationkeep(DP)

Camera (5)Kongsberg

(1 HD color camera fiber output)

(1)TITAN 4 Wrist camera

Lights (10)Variable 120VAC/250W

Pan & Tilt 2 Electric Pan & Tilt Unit

Valve Pack (2)8-function

TMS Schilling XE™ 900m tether

Capacity,with 425m tether

LARS Active Heave Compensated

