

SSDS1

Built

Year Built : 2008 Modified
 Testing/Certification Standard : IMCA D018/D023

Air Dive Control

Number of Diver Control : 3 men
 Diver Mounted Camera System : 2 ea.
 Communication : 1 set x AMCOMIII
 Recording System : 2 x DVR

Twinlock Air Chamber

Certification Standard : Japan Boiler Association,
 Class-2 Pressure Vessel
 Internal Diameter : 1350 mm
 Total Volume : 4.91 m³
 O₂ BIBS : 3 x Each Lock
 Communication : 1 set x Intercom,
 1 set x Sound Powered Phone

Machinery Van

LP Compressor : 2 x 1.8 m³/min Airman Screw Compressor
 HP Compressor : Bauer Compressor
 Volume Tank Certification Standard : Japan Boiler Association
 Volume Tank Capacity : 0.12 m³
 Air Filter System : 3 stage Nihon Seiki filters

Launch and Recovery System (LARS)

Builder : Ocean Works Asia Inc
 Main Winch Capacity : SWL 1 ton
 Secondary Winch Capacity : SWL 1 ton
 A-Frame Capacity : SWL 1.3 ton
 Diving Basket Capacity : SWL 1 ton
 Diving Basket Capacity Men : 2 men
 Onboard Emergency Air Cylinder : 2 ea.

Other Equipment

Diver's Umbilical : 2 x 150 meters, 1 x 180meters
 Diver's Helmet/Mask : 2 x SL27, 1 x KMB18B

Service Requirement

Electric Power-2 x LARS : 440V-3 Phase, 50/60 Hz-125A
 Electric Power-Machinery Van : 440V-3 Phase, 50/60 Hz-125A
 Electric Power-Dive Control : 220V, 50/60 Hz-32A
 Emergency Generator : 440V, 50/60 Hz-125kVA
 Fresh Water : 38 LPM
 Seawater for Cooling-LARS : 100 LPM

SSDS1 Dimensions

Description	L(m)	W(m)	H(m)	Wt.(ton)
Containerized Dive Control c/w Twinlock Air Chamber	6.10	2.50	2.60	8.00
Machinery Van	3.10	3.00	2.60	4.00
Launching & Recovery System	4.47	2.25	3.75	6.00
Work Shop/Store Shack	6.10	2.50	2.60	8.00

