



OCEAN WORKS ASIA INC.
- UNDERWATER CONTRACTOR -

COMPANY INFORMATION

Date:	Jan. 2010
SSDS-3	OWA/INFO/2010/006

Surface Supplied Diving System: OWA SSDS-3

MAIN PARTICULARS

Owner: Ocean Works Asia Inc.
Builder: Ocean Works Asia Inc.
Design/Testing Standard: IMCA D018 / 023

CONTAINERISED DIVE CONTROL / DDC

6m x 2.5m container
Dive control:
4+1 man air diving control panel
4+1 man depth gauges
Oxygen analyzer
CCTV underwater video camera c/w recording system
Diver monitor system
Diver communication unit
4 x diver umbilical hose c/w umbilical rack
DDC:
Classification: Class NK
Dia. 1.35m Twinlock decompression chamber
c/w Medical Lock
DDC control panel
Oxygen analyzer
3 x BIBS in each lock
Primary communication unit for each lock
Secondary communication unit
Depth gauges for each lock
Internal lights in each lock

LAUNCH & RECOVERY SYSTEM

2.1m x 3.3m, SWL 1 ton Hydraulic LARS unit
2 man diving cage c/w emergency breathing cylinder
SWL 0.5 ton, Man-riding hydraulic primary winch
SWL 0.5 ton, Man-riding hydraulic secondary winch
with clump weight system
1.8m x 1.3m Hydraulic pump unit

CONTAINERISED COMPRESSOR VAN

2.5m x 3.7m container
2m³/min electric LP screw compressors
2.4m³/min electric air dryer
0.2m³/min electric HP compressor



STORE CONTAINER

6m x 2.5m container
Diving personnel equipments
Diving equipment spare parts
Diving maintenance workshop
Consumable store

POWER SUPPLY REQUIREMENTS

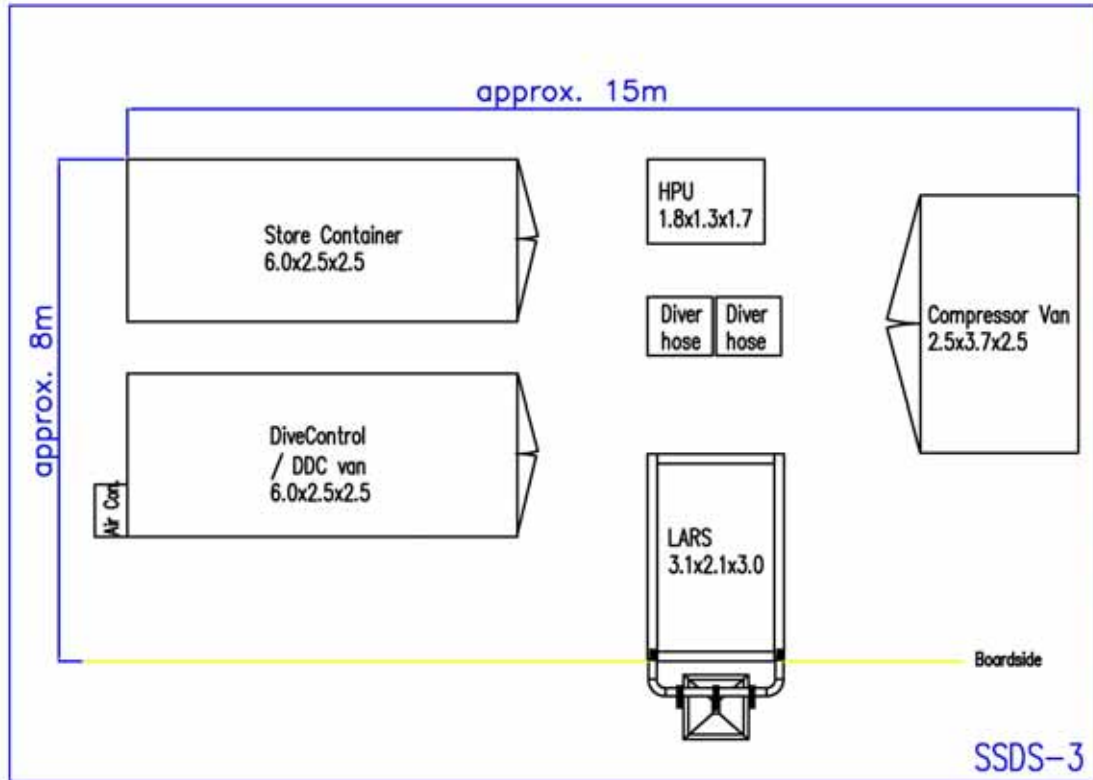
440V/3P, min. of 30kVA
220V/3P, min. of 25kVA
220V/SP, min. of 10kVA
Fresh water supply

OPTIONAL

Mixed gas diving control panel
Hydraulic power tools (Impact wrench, Grinder, etc)
Hydraulic power unit for tools
Underwater oxy-arc cutting equipment



OWA SSDS-3 Typical Layout



OWA SSDS-3				
Description	Length (m)	Width (m)	Height (m)	Weight (kg)
Dive control/DDC van	6.0	2.5	2.5	8,000
Compressor van	2.5	3.7	2.5	3,000
LARS	3.1	2.1	3.0	2,000
Hydraulic pump unit	1.8	1.3	1.7	800
Diver umbilical rack	1.0	1.0	1.8	100
Store container	6.0	2.5	2.5	4,000