



OCEAN WORKS ASIA INC.
- UNDERWATER CONTRACTOR -

COMPANY INFORMATION

Date:	Jan. 2010
SSDS-2	OWA/INFO/2010/006

Surface Supplied Diving System: OWA SSDS-2

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:
3+1 man air diving control panel
3+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

2.3m x 4.5m, SWL 1.5 ton Hydraulic LARS unit
2 man diving cage c/w emergency breathing cylinder
SWL 1 ton, Man-riding hydraulic primary winch
SWL 1 ton, Man-riding hydraulic secondary winch
with clump weight system
Fixed hydraulic pump unit
Class Society: Nippon Kaiji Kyokai (Class NK)

CONTAINERISED COMPRESSOR VAN

2.5m x 3m container
2 x 2m³/min electric LP screw compressors
2.4m³/min electric air dryer
0.26m³/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 35kVA
220V/3P, min. of 60kVA
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



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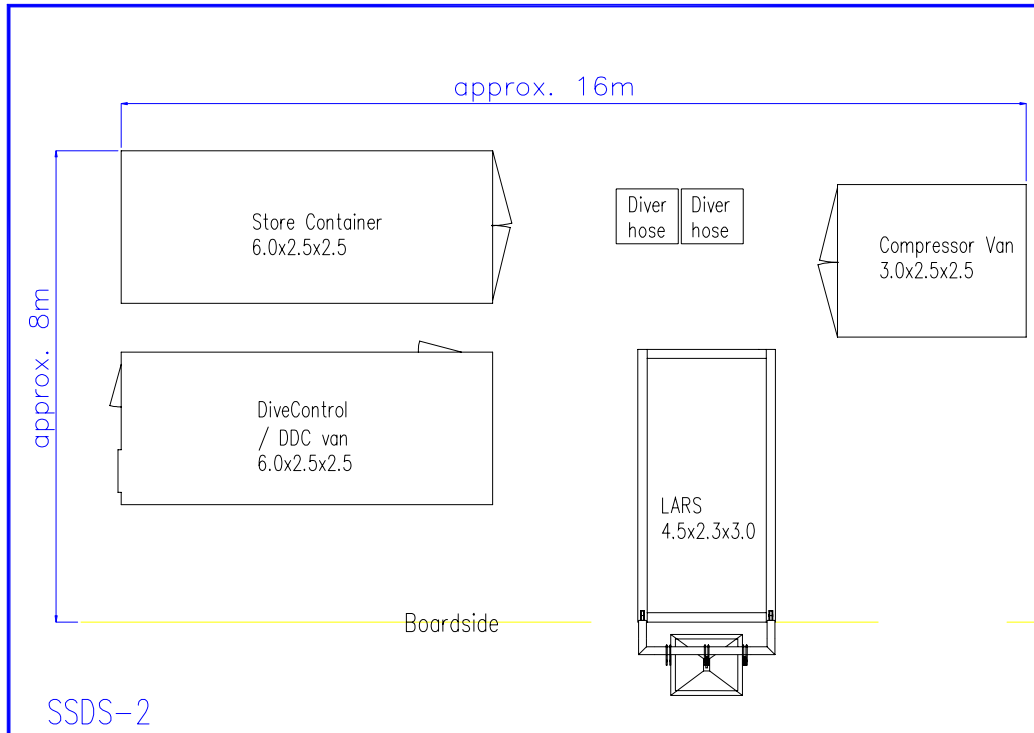
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SSDS-2

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OWA SSDS-2 Typical Layout



OWA SSDS-1				
Description	Length (m)	Width (m)	Height (m)	Weight (kg)
Dive control/DDC van	6.0	2.5	2.5	8,000
Compressor van	3.0	2.5	2.5	3,500
LARS	4.5	2.3	3.0	3,700
Diver umbilical rack	1.0	1.0	1.8	100
Store container	6.0	2.5	2.5	4,000