



# WELL-SAFE GUARDIAN: SATURATION DIVE SYSTEM

The only semi-submersible in the North Sea with saturation dive spread capability.

Deck Decompression Chambers			
Quantity number	Chamber 1	Chamber 2	Chamber 3
Manufacturer	Divex Australia		
Design code	PD5500:2003 Category 1		
Classification society	Lloyds Register		
Crew size	6 man	6 man	3 man
External diameter	2.35 m	2.35 m	2.35 m
Internal height	2.3 m	2.3 m	2.3 m
Overall length	7.3 m	7.3 m	4.1 m
Weight	22,000 kg	22,000 kg	22,000 kg
Depth rating	300 msw	300 msw	300 msw
Man-ways	N/A	0.7 m <sup>3</sup>	0.7 m <sup>3</sup>
SDC man-ways	N/A	0.32 m <sup>3</sup>	N/A
Medical lock	0.04 m <sup>3</sup>	0.04 m <sup>3</sup>	0.04 m <sup>3</sup>
Equipment lock:	N/A	0.26 m <sup>3</sup>	N/A
Gas volume:	20.77 m <sup>3</sup> main lock 8.3 m <sup>3</sup> entry lock	20.77 m <sup>3</sup> main lock 8.3 m <sup>3</sup> entry lock	16062 m <sup>3</sup> main lock

Diving Bell	
Quantity number	1
Manufacturer	Divex Australia
Design code	PD5500
Classification society	Lloyds Register
Crew size	3
External diameter	1.8 m
Internal height	2.4 m
Overall length	N/A
Weight	15,000 kg
Depth rating	300 msw
Gas volume	5 m <sup>3</sup>

**The saturation dive spread aboard the Well-Safe Guardian makes it the single-asset solution for safe, smart and effective well decommissioning of legacy well systems originally designed for diver intervention.**



## PROVIDING ACCESS TO LEGACY WELLHEADS AND XMTS FROM THE 1970S - PRESENT

### Self-propelled Hyperbaric Lifeboats

Equipment specification	SPHL #142	SPHL #143
Manufacture	Oceanwide Safety at Sea	
Design code	SOLAS	
Classification society	SNV-GL	
External diameter	3.3 m	3.3 m
Internal height	3.6 m	3.6 m
Overall length	10.5 m	10.5 m
Weight	18,400 kg	18,400 kg
Depth rating	300 msw	300 msw
SPHL man-ways	4 m <sup>3</sup> (tbc)	4 m <sup>3</sup> (tbc)
Medical lock	0.05 m <sup>3</sup>	0.05 m <sup>3</sup>
Gas volume	14 m <sup>3</sup>	14 m <sup>3</sup>

### Emergency Generator

Quantity number	1
Manufacturer and model	Raptex D300 Emergency Generator
Rig electrical supplies	<ul style="list-style-type: none"> <li>• 220 volt 40 amp supply - 220V distribution board</li> <li>• Export cables to generator control pad</li> <li>• Remote start/stop signal - generator control panel</li> <li>• 220 volt 50/60 Hz shutdown - engine control panel</li> <li>• Common generator alarm - engine control panel</li> <li>• Container thermostat alarm</li> <li>• Fire suppression system activation alarm</li> </ul>
Remote start/stop	Yes
Secondary start	Rig air
Fuel system	3400 litres of diesel fuel, giving 27 hours of continuous running at 100% load on the emergency generator
Air intake and air exhaust dampers	2x air intake louvres and dampers 1x exhaust air louvres and dampers

