



Dixon Marine Consulting Ltd

Marine Consultants & Specialist Brokers

Saturation Diving System Components Equipment List

Item No:	Description	Quantity
1	SDC (Bell) Fitting Out	
	Mechanical Outfit Materials (Valves, Fittings, pipework etc..)	1
	Mechanical Outfit External (Labour)	1
	Viewports	3
	SDC Insulation / Floatation (supply only)	1
	Gas System	
	G Size Onboard Gas Bottles 300 Bar	9
	O2 Buffer Bottle	1
	Plumbing / Pipework / Panels	1
	Mara Diver Gas Panel	1
	Onboard Gas Regulators Tescom 44-4013-E28-002	3
	O2 Analyser (PP02 Hyperbaric Analyser)	1
	CO2 Scrubbers Normal & Emergency (DH21)	2
	Bibs Scotts Single Hose	4
	Lung Powered Scrubbers Passive CP21600	3
	Electrical System	
	Battery Pack	1
	Oil Filled Electrical Junction box External	1
	Electrical Penetrators	3
	Viking External Lights c/w Yoke	4
	External TV Camera	1
	Internal Electrical Junction Box	1
	Hat Lights Divex	3
	LP 20 Lights c/w 1 Meter Pigtails	2
	Heater (DH21)	1
	Communications	
	Internal Radio	1
	Emergency Though Water Comms	1
	Bell Locating Device Transponder	1
	SP Phone c/w Call Generator	1
	Bell Equipment	
	Cassion Guage 0-300 msw	2
	Fibron Divers Umbilicals x 70m c/w Jupiter Connections	2
	Fibron Bellmans Umbilical x 75m	1
	UltraJewel 601 Reclaim Helmets	2



	KMB 28 Bandmask	1
	Bell Survival Kits	3
	Drager Test Kit	1
	Bell Tool Kit	1
	Bailout Cylindres & Backpack X 3	3
	1st Stage Reg & Bailout Whip (Posiedon)	3
	Dive Harness	3
	Diver Recovery Hoist	1
	Pneumatic Safety Interlock	7
2	LARS c/w Umbilical and Lift Wires	
	Winch Lloyds Classified 12 Tonne Man Riding	1
	Bell Main Wire 400m @ AUD 76/mtr	1
	Winch 8 Tonne Man Riding / Secondary Bell Recovery Lloyds Class	1
	800 m Non Rotating SWR 16 mm (Guid Wire)	1
	Hyd Umbilical Winch Constant Tension Lloyds Class	1
	Braided Main Bell Umbilical @ 360 /m	1
	HPU's for winches	1
	Hydraulic Console including local and pilot remote control	1
	Design & Fabricate HRC Launch system - Lloyds Class	1
3	DDC 1 (9 Man Twin Lock Chamber)	
	Viewports	3
	Mechanical Outfitting Materials (Valves, pipework, Fittings)	1
	Electrical Outfitting Materilas (Cable, Cable Tray, Connectors)	1
	Chamber Gas System	
	PPO 2 Analysers	2
	Bibs Scotts Twin Hose	14
	Bibs, BPR Divex VM-1402-38A-XX	3
	Chamber Electrical System	
	Inernal Cable tray Wiring etc	1
	Electrical Penetrators	4
	Scrubber Emergency CES BH500	3
	Roof Lights LP 20 c/w 1mtr pigtail	5
	Bunk Lights LP 20 c/w 1mtr pigtail, switched	9
	Chamber Enviromental Control Unit	
	Chamber Conditioning (HCU/3/6) main lock	1
	Chamber Conditioning (HCU3/4) entry lock	2
	Chamber Communications	
	Chamber Comms Box	2
	Sound Powered Phone c/w call generator	2
	Camera Static Low Light	2
	Chamber fitted equipment	
	Caisson Guage 0-320m	2
	Fire Extinguisher Hy-Fex 7.5 Ltr	2
	Interlocked Toilet & Hand Basin, Stainless Steel	1
	Sanitary Holding Tank	1



	Shower	1
	Bedding (fireproof)	9
	Mattresses (Fire Proof)	9
	Temp/Humidity Guage	2
6	DDC 2 (6 Man Twin Lock Chamber)	
	Viewports	3
	Mechanical Outfitting Materials (Valves, pipework, Fittings)	1
	Electrical Outfitting Materilas (Cable, Cable Tray, Connectors)	1
	Chamber Gas System	
	PPO 2 Analysers	2
	Bibs Scotts Twin Hose	11
	Bibs, BPR Divex VM-1402-38A-XX	2
	Chamber Electrical System	
	Inernal Cable tray Wiring etc	1
	Electrical Penetrators	4
	Scrubber Emergency (UTS Unit)	3
	Roof Lights LP 20 c/w 1mtr pigtail	5
	Bunk Lights LP 20 c/w 1mtr pigtail, switched	6
	Chamber Enviromental Control Unit	
	Chamber Conditioning (HCU 3/6)	1
	Chamber Conditioning Unit HCU 3/4	1
	Plumbing, Pipework, Valves	1
	Chamber Communications	
	Chamber Comms Box	2
	Sound Powered Phone c/w call generator	2
	Camera Static Low Light	2
	Chamber fitted equipment	
	Bunks, Seats	7
	Caisson Guage 0-220 msw (need 0-320m)	2
	Fire Extinguisher Hy-Fex 7.5 Ltr	2
	Toilet & Hand Basin, Stainless Steel	1
	Sanitary Holding Tank	1
	Shower	1
	Bedding (fireproof)	6
	Mattresses (Fire Proof)	6
	Temp/Humidity Guage	2
7	12 Man Single Lock HRC	
	Viewports	2
	Mechanical Outfit Materials (Valves, Fittings, Tubing etc..)	1
	Electrical Outfit Materials (Cable, connectors etc..)	1
	Chamber Gas System	
	9 x G Size Onboard Gas Bottles (200 Bar) (300 Bar ?)	12
	PPO 2 Analysers	2
	Bibs Scotts Twin Hose	13
	Bibs, BPR Divex VM-1402-38A-XX	2
	Chamber Electrical System	
	Emergency Battery 72 Hours Operations	1



	Inernal Cable tray Wiring etc	1
	Electrical Penetrators	4
	Scrubber Emergency CES BH500	3
	Roof Lights LP 20 c/w 1mtr pigtail	3
	Bunk Lights LP 20 c/w 1mtr pigtail, switched	3
	Chamber Enviromental Control Unit	
	Chamber Cooling unit and HCU3/6 Conditioning unit	1
	Chamber Communications	
	Chamber Comms Box	2
	Sound Powered Phone c/w call generator	2
	Camera Static Low Light	2
	Strobe, radar reflector & EPIRB	1
	Chamber fitted equipment	
	Saftey harness etc	12
	Caisson Guage 0-320m	2
	Fire Extinguisher Hy-Fex 7.5 Ltr	2
	Rally style Seating	12
	Temp/Humidity Guage	2
	Lung Powered Scrubbers	13
	Survival Suits, (Thin Bear Suit)	13
	Dedicated Lifting & towing Gear	1
9	Dive Control	
	Mechanical outfit including panel frames	1
	Electrical outfit including LIMS, DP Alarms, Transformers for SDC)	1
	Dive Control Gas Panels....	
	Depth gauges	5
	3 Diver Control Panel Complete,	1
	O2 analysers	3
	C02 analysers	3
	Dive Control Communications....	
	Air radios	1
	Heliox Unscramblers	2
	VHF Radio & Arial/Transciever	1
	TV Monitors	3
	Video/DVD Recorders	2
	Diver Video System	1
	Deck Video System	2
	19 Inch Electrical Rack	1
	Black Box recorder	1
	Dive Control fitted equipment...	
	Supervisors Smoke Mask with comms	1
	High/Low Hot Water Alarms	1
	Push Button Knife Switch, Welding/Cutting	1
10	Saturation Control	
	Fabricate Container	1
	Mechanical outfit including panel frames	1
	Electrical outfit including transformers, swithc panels and cabling	1



	Saturation Control Gas Panels.....	1
	Chamber Gas Control Panel (DDC 1)	1
	Chamber Gas Control Panels (DDC 2)	1
	HRC/Chamber 3 Gas Control Panel (HRC/DDC 3)	1
	Bell Trunking Gas Control Panel	1
	Gas Distribution & Mixing Panel	1
	O2 Chamber Analyser	3
	CO2 Chamber Analyser	3
	Saturation Control Electrical Panels.....	
	Chamber TV Monitor Rack	5
	Chamber Communications Panel	3
	Hyperbaric First Aid Kit	1
	Oxy Viva	1
	B.A Masks	2
	Head Sets With Mike	3
	Diver Entertainment System	1
11	Environment Control Machinery and Gas Recovery System	
	Dyfog Water Deluge System - Lloyds Approved	1
	Main Electrical Distribution Board IP56	1
	Electrical outfitting materials	1
	3 Diver Hot Water Unit, Electric	2
	CMU 02 plus Life support units	3
	CEC-02 Environmental Life Support Controller Package	5
	PWS-01 Kinergetics Potable Water Skid	1
	Gasmizer 3 Divers Reclaim (Airdriven)	1
	Gas Transfer panels for onboard gas storage	4
	Corblin Refurbished Gas Transfer Compressors	2
	Haskel Gas Booster Package	1
12	HRC Support Container	
	10' Air Conditioned c/w Lifting Points + Slings	1
	Air Conditioner	1
	HRC Control Panel	1
	Communication Radio/Panel	1
	TV Monitors x 2	2
	Emergency HRC Umbilical	1
	O2 Analyser- Analox	1
	CO2 Analyser - Analox	1
	Environmental Control System	1
13	Divers Apparel / Equipment	
	70m divers excursion umbilical (spare) c/w Jupiter TV Connector	1
	Hat Mounted Video Camera	1
	Survival suit & L/P Scrubber	1
	Hot water suits c/w boots, gloves, Various Sizes	15
	Ultrajewel 601 -reclaim helmet	1
	KMB 28B Bandmask	1
	Bibs Scott Twin Hose	2



BIBS Scott Single Hose	2
O2 Analysers Analox	2
Bailout Cylinder & Backpac	2
1st Stage Reg & Bailout Whip (Posieden)	<u>3</u>
Dive Harness	<u>3</u>
A.R vest	4
System Charging whips	6
O2 Cleaning Bath, Multi Metres, Meggers, Tong Testers.	Lot
System Plant & Equipment Tool Chest,	1
Regulators for Deck Quads	4