Bell Tapping Code Card

**Description:**
The bell emergency communications card depicts the knocking codes applicable for communication between the crew of a lost bell and the rescue team. This would typically be installed on the inside and outside of the bell.

**Specifications:**
- Width: 150mm
- Height: 110mm

**Order Detail:**
Bell Tapping Code Card: D-BE-001

Unconscious Diver Recovery Hoist

**Description:**
The hoist is typically used in the emergency recovery of a diver into the bell. The hoist assembly includes a 10mm rope on a triple block pulley, a bow shackle and a spring snap hook. The rope length can be cut to suit the client’s requirement. This product is CE certified under EN 13157 (Machinery Directive) and can be used in conjunction with fall protection when used for human suspension in accordance with LOLER Regulation 5.

**Specifications:**
- Work Length: 30m
- Thickness: 10mm
- SWL: 200kg

**Order Detail:**
Unconscious Diver Recovery Hoist: D-BE-002

Bell Battery Pack

**Description:**
The pack is designed to fit into the 50 Litre cylinder bracket space. It can be easily integrated and can meet the demands of many of today’s modern bell requirements. It is fitted with shunt protection, reverse polarity and short circuit diode protection. The battery pack includes, a battery bank and battery charger built into a certified external pressure vessel.

**Specifications:**
- Length: 1792mm
- Dia.: 256mm
- Max External Depth Rating: 300msw
- Temp Range: 0°C - 52°C
- Voltage Supply: 220/110VAC
- Voltage Output: 24VDC
- Capacity: 75Amp hrs

**Order Detail:**
Bell Battery Pack - ABS: D-BE-003
Bell Battery Pack - DNV: D-BE-004
Bell Battery Pack - General Spares: D-BE-003-01
Bell Battery Pack - Battery Replacement Set: D-BE-003-02
Umbilical Cutter

Description:
The umbilical cutter is an emergency device used to sever the umbilical. It consists of a blade in a Stainless Steel housing which is actuated from within the bell by means of a hydraulic hand-pump. It is designed to easily cut through a fully pressurised umbilical fitted with a Kellem’s grip. All controls are mounted inside the bell. The umbilical cutter is fitted with a safety pin designed to resist an 80 bar back-pressure on the hydraulic system. This ensures that should any water or gas pressure be trapped in the hydraulic system, the umbilical will not be inadvertently cut. 108mm / 125mm Diameter cutting aperture sizes are available.

Specifications:
Temp Range: 0°C - 52°C
Max Working Pressure: 310 bar

Order Detail:
<table>
<thead>
<tr>
<th>Umbilical Cutter - 108mm:</th>
<th>D-BE-005</th>
</tr>
</thead>
<tbody>
<tr>
<td>Umbilical Cutter - 125mm:</td>
<td>D-BE-006</td>
</tr>
</tbody>
</table>

Oil Filled Junction Box

Description:
The oil-filled junction box is an A316 Stainless Steel box with a Polycarbonate cover. It houses all the electrical connections from the main umbilical and splits it to the different communications, lights, equipment, etc. It is equipped with an oil pressure compensator, a drain valve located at the bottom and filling valve.

Specifications:
Inside
Length: 780mm
Width: 380mm
Depth: 180mm
Outside
Length: 1040mm
Width: 510mm
Depth: 210mm
Max External Pressure Differential: 0.3 bar

Order Detail:
<table>
<thead>
<tr>
<th>Oil Filled Junction Box - DNV. Two boxes mounted together: 1085L x 630W x 280D (overall)</th>
<th>D-BE-007</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil Filled Junction Box - ABS: 1040L x 510W x 210D</td>
<td>D-BE-008</td>
</tr>
<tr>
<td>Spare Gasket for DNV Junction Box:</td>
<td>D-BE-007-01</td>
</tr>
<tr>
<td>Spare Gasket for ABS Junction Box:</td>
<td>D-BE-008-01</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bell equipment</th>
<th>Catalogue No.</th>
<th>Oil filled junction box</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bell equipment</td>
<td>Product D BE 007</td>
<td>Oil filled junction box - 40x40</td>
</tr>
<tr>
<td>Bell equipment</td>
<td>Product D BE 008</td>
<td>Oil filled junction box - 70x30</td>
</tr>
<tr>
<td>Bell equipment</td>
<td>Spares D BE 007</td>
<td>Spare Gasket for 40x40</td>
</tr>
<tr>
<td>Bell equipment</td>
<td>Spares D BE 008</td>
<td>Spare Gasket for 70x30</td>
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</tr>
<tr>
<td>Bell equipment</td>
<td>Product</td>
<td>Oil filled junction box - ABS</td>
</tr>
</tbody>
</table>

1) Signal Junction Box (415 x 360) – see HYD-007178
2) Power Junction Box (465 x 366) – see HYD-007162
Bell Hot Stab

**Description:**
In the event of a bell separation the hot stab unit is an emergency device installed on the side of the bell that allows the interfacing of a secondary / emergency umbilical cord to the bell, thus maintaining life support while a rescue is underway. The unit has 2 modules, one for electric interfacing and the other for liquids and gases. During normal operation, the units on the bell are fitted with blanking plugs which seal off the system.

**Specifications:**
- Hot Water Port: 1/2" NPT
- Gas Supply Port: 1/2" NPT & 1/4" NPT
- Electric Supply: power & audio

**Order Detail:**
Bell Hot Stab - External ROV Plug: D-BE-009

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Hydra 500 Carbon Dioxide Scrubber

**Description:**
With a high reliability and simple design, the Hydra 500 gives you a neat, easily cleanable and compact scrubber. The size enables it to fit through most medical locks and equipment locks.

**Specification:**
- Length: ± 260mm
- Width: ± 250mm
- Height: ± 270mm
- Weight: ± 5.2kg
- Operating Depth: up to 300msw
- Gas Flow: 420Ltr/min (actual)
- Canister Capacity: 4.5Ltr
- Power Requirements: 12/24VDC (current draw = 1Amp at depth)
- Electrical Connector: MCIL3F
- Locking Sleeves: DLSA-F

**Order Detail:**
Hydra 500 Carbon Dioxide Scrubber 24 VDC: D-HE-34

For Spares Refer to Hyperbaric Equipment

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Hydra 501 Bell Heater

**Description:**
The Hydra 501 bell heater is a reliable and inexpensive bell heating / cooling solution.

**Specification:**
- Length: ± 520mm
- Width: ± 310mm
- Height: ± 280mm
- Weight: ± 12.7kg
- Operating Depth: up to 300msw
- Gas Flow: 420Ltr/min (actual)
- Heating Capacity: 2.5kW
- Power Requirements: 12/24VDC (current draw = 1Amp at surface)
- Electrical Connector: MCIL3F
- Locking Sleeves: DLSA-F
- Connection Size: 3/4" NPT female fitting

**Order Detail:**
Hydra 501 Bell Heater: D-HE-36

For Spares Refer to Hyperbaric Equipment