

SUBMARINE RESCUE EQUIPMENT

The OceanWorks' system is the only fully integrated self-contained Emergency Life Support System (ELSS) package deployed by any Navy



- "Fly Away" Self-contained Skid Unit
- Heave compensated Winch
- Pod Carousels – stable on 30° slopes
- 4 carousels – 20 pods
- Stern or Over-the-Side launch
- Deployed from vessel of opportunity in "live boat" mode through use of acoustic positioning and release system



- 100% self-contained with its own power & hydraulic supply
- Launch and recovery in sea state 5
- 2 man operation
- Total weight 13 tonnes



Hardsuit™ or ROV deployed

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SUBMARINE RESCUE EQUIPMENT ELSS Pod System



- Dimensions in accordance with STANAG 1391
- Alternate configuration to USN P-9290 requirements and dimensions
- Forged aluminum construction



ELSS – Launch and Recovery System

- 20' ISO dimensions include crane winch, 4 carousels, 20 transfer pods and diesel HPU
- Completely self-contained – no ship services required
- Air transportable
- Rapid "live boat" deployment
- Operates independently of other rescue assets



- Pod carousel for reliable deployment on uneven and sloping floor beds
- Capacity – 5 pods
- Acoustic multi-beacon positioning
- Strobe
- Acoustic Release
- Weight fully loaded: 2300 lbs (1045 kg)



Acoustic Release



Winch System

- Closed loop hydraulic system with bi-direction motor
- 1070 metres of wire rope
- Winch drum can be moved 90° for either stern or side deployments
- Constant tension, high speed response



- Hydraulic Power Unit
- 1.9L Turbo Diesel engine
- 170L fuel tank (20 hrs operation)
- 50 HPU, 150 L Hydraulic tank



Acoustic Positioning



Remote LARS Control Panel

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