ELSS Pod Capture System (Nets)

Emergency Life Support Stores Container Capture System

The FET Perry® Emergency Life Support Stores (ELSS) container Capture System is individually designed to suit the escape tower / escape hatches of navy submarines throughout the world.

The Capture System allows the safe receipt of ELSS pods by a distressed submarine (DISSUB). In the event that a submarine becomes stranded on the seabed, ELSS containers are posted into the submarine's hatches, by a diver or ROV (remotely operated vehicle) to deliver life preserving stores to the crew until a full rescue can be mounted.

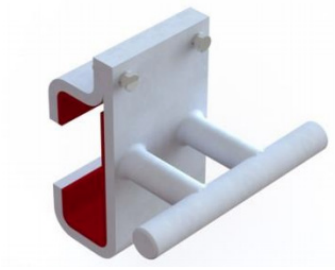
The Capture System is comprised of four main components. The Support Ring Assembly, Capture Net and Rope Anchor Brackets. Each system is also supplied with two off Rope Bags for easy storage.

The ELSS Pod Capture System has been designed in accordance with ANEP/MNEP-85. A system load test is performed, and the system is certified to allow the receipt of a fully flooded ELSS pod. The support ring assembly and capture net frame are made from marine grade stainless steel.

Support Ring Assembly

Capture Net

Rope Anchor Bracket



Storage Bag

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Specifications

Interface:	Typical Kilo Class Submarine
Maximum ELSS Pod Length:	1043 mm Including Handle
Maximum ELSS Pod Diameter:	350 mm
Safe Working Load:	189kg – each rope is capable of taking full load in the event of failure of the other rope
Installation Tools:	2 off 10mm across flat spanners for initial installation of rope anchor brackets
Operational Tools:	None (if rope anchors are permanently installed)
Materials:	Marine Grade Stainless Steel Polyurethane Outer Fabric Polyester Webbing and Rope

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