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# Multiple RMT Net System

## Rectangular Midwater Trawl Net

The multiple rectangular midwater trawl [RMT 1+8M] net is an opening and closing net system which can sample at user selected depths. Control and monitoring can be performed either acoustically or via a conducting cable. Renowned worldwide for its reliability and ease of use, it holds an almost unique position in the oceanographic marketplace.



### Applications:

- Biomass Estimations
- Population Studies
- Fisheries
- Physiology
- Tasconomy

The multiple RMT net system consists of three pairs of nets combined within the same frame; each pair comprises an RTM1 (mesh size 0.33 mm, nominal mouth area 1.0 m<sup>2</sup>) and an RMT8 (mesh size 4.5 mm, nominal mouth area 8.0 m<sup>2</sup>).

This combination saves on deployment and recovery times in deep water. The mouths of the nets are mounted on bars which slide down fixed side wires. The bars are held in place by bridles which locate into a mechanical release gear. The release is operated by transmitting an acoustic signal from the ship. The signal is decoded by the net monitor which activates the release and the pairs of nets open and close sequentially.

## FOR FURTHER INFORMATION PLEASE CONTACT:

OSIL, Culkin House, C7/8 Endeavour Business Park, Penner Road, Havant, Hampshire PO9 1QN

T: +44 (0) 2392 488240 F: +44 (0) 2392 488241 E: [osil@osil.co.uk](mailto:osil@osil.co.uk) W: [www.osil.co.uk](http://www.osil.co.uk)



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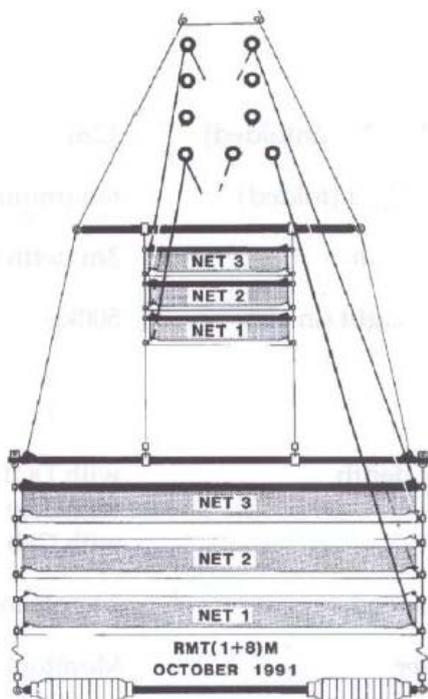
## Technical Specifications

### General

Overall height (unfolded)	12 m
Overall height (folded)	6 m (minimum 4 m)
Overall width	3 m (with clearance)
Overall weight (in air)	500 kg
Mesh sizes	RMT8 - 4.5 mm (1 mm on cod end) RMT1 - 0.33 mm
Working Depth	6000 m cable
Towing speed	2 knots to maintain nominal 1+8 m <sup>2</sup> mouth areas
Flowmeter	Monitors net speed and estimates volume filtered
Communication	The RMT is controlled via a (strain bearing) conducting cable.
Deployment	By crane and winch, or A-Frame (multiple winch system)

### Features:

Conducting Cable or Acoustic  
Multiple Nets  
Controlled Fishing  
Open Ocean Use

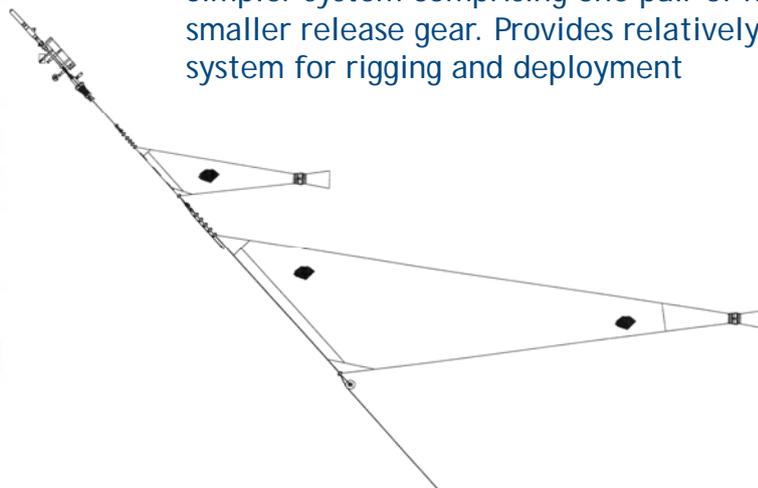


### Options:

Near bottom echo-sounder (NBES) allows fishing to within 10m of sea-bed.  
RS232 User specific External Sensors  
Spares kit

### Combination Nets:

Simpler system comprising one pair of nets and smaller release gear. Provides relatively easy system for rigging and deployment



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