

ECHOMAX

Model EMA031

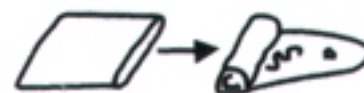
SOLAS TYPE APPROVED INFLATABLE RADAR REFLECTOR

Certified as complying with Schedule 4, Part 4, Paragraph 1.1.14 of the Merchant Shipping (life-saving appliances Regulations 1986) and hence chapter 111, Regulation 38.5.1.14 of the 1983 Amendments to the International Convention for Safety of Life At Sea (SOLAS) 1974. Suitable for stowage in liferaft emergency packs up to 36m above sea level as required by IMO Specification annexed to UK Merchant Shipping Notice M.1485, 1991, published by the Department of Transport, Marine Directorate. Certificate no. QQ-TAN-04/03-01

ASSEMBLY INSTRUCTIONS

- 1 Remove unit from stowage bag and unwrap
- 2 Remove plug from non return valve
- 3 Using the liferaft inflator apply enough air pressure through non return valve to allow the internal balloon to fully inflate and panels to straighten out.
- 4 Replace hinged plug.
- 5 Assemble the 3 rods and push through the 2 plastic mouldings on the balloon.
- 6 Fit rod into moulding (if fitted) in floor of Liferaft or pass rod through vent sleeve and attach to aerial pocket. Secure safety lanyard to internal handlines.
- 7 It may be necessary to release air pressure if the balloon is subjected to continued high temperatures.

IN STORM CONDITIONS IF THERE IS SUFFICIENT SPACE THE UNIT SHOULD BE DEPLOYED IN THE APEX OF THE LIFERAFT OR DEFLATED



RCS of Echomax inflatable B reflector

Maximum RCS = 25.6m²
Average RCS over +/-3 degs heel = 4.1m²

Measured at QinetiQ Funtington 6th July 2012

