



SEAMAP
A MIND Technology Business

SEAMAP INTEGRATED TAILBUOY

**TOTAL SOLUTION FOR POSITIONING AND TRACKING TOWED EQUIPMENT
IN A MARINE ENVIRONMENT**

The Integrated Tailbuoy provides a complete solution.

- Configured for immediate use in the field
- Towed by towing bridle and supplied shackles
- Robust marine grade foam-filled glass reinforced polyester flotation
- Waterproof IP 68 rated electronic enclosure
- Innovative power solution provided by totally encapsulated high capacity batteries which greatly reduces risk of explosive gas build up by the exclusion of all internal airspace.

The Seamap Integrated Tailbuoy consists of a Polyolefin hull to provide flotation, a towing bridle to attach to the tow cable, a waterproof connector to connect to a source of power and telemetry wires, a BuoyLink GPS receiver, a marine rechargeable battery and a navigation hazard strobe light. All electrical components are encased in the Seamap Tailbuoy Charger 3G (P/N 02-58-3002) Acetal housing.

The Tailbuoy is attached to the tail of the streamer and towed from the front by means of a towing bridle which is attached on either side, with shackles supplied.

The Tailbuoy electrical system is connected to the streamer using a single connector which routes power and telemetry lines to the Tailbuoy Charger 3G.

The Tailbuoy Charger 3G houses the power and telemetry electronics, provides battery charging capabilities and supplies power to the BuoyLink GPS unit and flashing beacon.

The Flashing Marker Beacon is a marine type Tron Marker Beacon mounted on the starboard side antenna frame mast and connected to the Seamap Tailbuoy Charger 3G that provides power using a waterproof cable.

Benefits of totally encapsulating high capacity batteries involve complete protection against water intrusion, as well as greatly reduced risk of explosive gas build up by exclusion of airspace. Battery venting is facilitated by proprietary ventilation system through the base of the encapsulant. They are internally fused for increased safety in case of inadvertent short circuit.

Seamap supports the Partnerplast 800L, 900L and 1050L Tailbuoy's. Contact Seamap to discuss options.



Seamap Tailbuoy Charger 3G



Seamap BuoyLink 4DX

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Specifications:

Tailbuoy Charger (TBC) 3G	Separate Brochure For Full Specs
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Light	
Model	Tron ML-300
Supply	12Vdc - 24Vdc

Electrical Enclosure	
Material	Delrin (Acetal)
Rating	IP 68

Towing Bridle	
Material	316 Stainless Steel (ML-10-316SS)
Length	1.5M per leg (x2)
Shackle	"D" 12mm 316SS

Battery	
Weight	38Kg
Dimensions	276mm (L), 196mm (W), 220mm (H)
Voltage	12V
Capacity	55Ah
Ventilation	Bottom Vented
Material	2175 Epoxy Encapsulant
Colour	High Visibility Yellow

Buoylink	Separate Brochure For Full Specs
Telemetry	Options for Hardwire and Radio Telemetry Contact Seamap for Details

Ordering Information:

Part Number	Description
01-58-0008	Integrated Tailbuoy (PPT), w/Water Gen
01-58-0007	Integrated Tailbuoy (PPT), Standard
02-58-0020	Tailbuoy, 12V Optima Battery, Waterproof, AGM1104F
02-58-3002	Tailbuoy Charger (TBC) 3G, Streamer, w/Gen and Solar (F)
02-58-0023	Tailbuoy, Navigation Light w/AG Style Pigtail Cable
03-00-0046	Radar Reflector, Plastimo Type 25586
02-58-0027	Underwater Generator, 24V, AGM 4-pin
Cables and Brackets Subject to Configuration	

Seamap (U.K.) Ltd.

Unit 34, The Maltings, Charlton Estate
Shepton Mallet, Somerset, BA4 5QE, U.K.
Tel: +44 [0] 1749 342223
Fax: +44 [0] 1749 347588
Email: seamapsales@mind-technology.com

MIND Technology

2002 Timberloch Place, Suite 400
The Woodlands, TX 77380
United States of America
Tel: +1 281-353-4475

Seamap Pte Ltd.

51 Changi North Crescent
Singapore 499626
Tel: +65 6545 1054
Fax: +65 6545 0585

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