

ST-400A

VISUAL LOCATING SYSTEM

Self-contained Submersible to 7,300m

Adjustable flash rate and intensity

Visible up to four nautical miles



NOVATECH - PROVEN THROUGHOUT THE OCEANS

The ST-400A is a self-contained submersible Xenon Flasher designed to assist in the location and recovery of underwater assets and oceanographic equipment. It may be submerged for long periods in ocean depths to 7300 meters (24,000 feet).

The activation of the ST-400A is completely automatic, when submerged below 10 meters it is OFF and at the surface it is ON at night only. At the surface, the ST-400A "double burst" flashes for approximately 7 days and visual range is up to 3 miles.

MetOcean

21 Thornhill Drive
Dartmouth, Nova Scotia B3B 1R9
CANADA

Tel: +1 902 468-2505

Fax: +1 902 468-4442

www.metocean.com

novatech@metocean.com

NOVATECH ST-400A

VISUAL LOCATING SYSTEM

Features

Self-contained submersible xenon flasher

- Submersible to 7,300m
- Adjustable flash rate and intensity
- Visible up to four nautical miles
- Pressure-activated on/off switch with manual override
- Automatic daylight-off feature

Technical Specifications

Physical

Size (pressure case)	18.5 x 1.7" (47 x 4.3 cm)
Weight (with batteries)	In water 2.2 lb. (1 kg) In air 3.7 lb. (1.7 kg)
Exterior Construction	Hard anodized aluminum

Power

On/Off Control	Pressure-activated switch turns flasher on at surface, off at depths below approx. 33' (10 m) Manual override by rotating knob
Daylight Off Switch	Turns flasher on @ 55 LUX Turns flasher off @ 65 LUX
Batteries	4 "C" cell alkaline
Battery Life at 4°C	7 days, on at night & off during day (factory setting)
Flash Tube	Replaceable Rated for 20 x 10 ⁶ flashes
Flash Rate	Adjustable 10/min. to 40/min ±5% over 3 to 6 volt battery life (factory set at 20/min.)
Visible Range	Adjustable 2 to 4 nautical mile range (0.2 to 0.6 watt-seconds) ±5% over 3 to 6 volt battery life (factory set at 3 nmi range)
Effective Intensity	Adjustable 6 to 35 candelas (factory set at 20 candelas)

Environmental Elements

Operating Temperatures	-40° to +140°F (-40° to +60°C)
Ocean Depth Rating	Approx. 24,000' (7,300 m)

Options

Mercury Tilt Switch MS740	Automatically turns flasher on in upright position, off when inverted
---------------------------	---



Data collection and communication experts

21 Thornhill Drive - Dartmouth, Nova Scotia B3B 1R9 - CANADA / Tel : +1 902 468 2505 / Fax : +1 902 468 4442
www.metocean.com / novatech@metocean.com