

Relocation and Recovery of Autonomous Systems



Falmouth Scientific, Inc. has presented two new products to assist in the relocation and recovery of autonomous underwater systems and assets: the SAF-553 Stand-Alone Flasher and the ELPF-553 Flash-Pinger. These are small, lightweight, battery-powered, intelligent devices that can be mounted directly on AUVs, gliders or other underwater equipment for recovery after their mission

duration has elapsed.

Multiple user-programmable settings allow for selection of delay, timing, flashing, and frequency options which enable use in a variety of different applications.

The Stand-Alone Flasher uses high-power, high colour-temperature LEDs for optical flashing, and the Flash-Pinger adds a pinger transmitter for acoustic tracking below the water surface. Several housing types are available to meet different depth requirements from 100m down to 1,000m. Ultra-low power electronics and water turn-on sense circuitry extend battery life for use on long-duration missions. The Flasher measures 4.8" tall and 1.4" wide, and weighs 180g including its three alkaline AAA batteries (substitute lithium AAAs for even longer life). The Flash-Pinger is only slightly larger at 5.9" tall and just under 2" wide.