

PSAT Series

(Pop-Off Satellite Archival Tag)



Gain valuable insights into the life cycle of your species.

Lotek pop-off satellite tags are compact, state of the art, reliable instruments for the collection, storage and retrieval of precision time stamped depth, temperature and light based geolocation.

Key Features

- The tag detaches itself at a user preprogrammed time, floats to the surface and transmits collected data via Argos.
- Available in 2 versions:
 1. A single point position only (the tag detaches itself from the animal, transmits to Argos satellites, which calculate its location).
 2. Tag logs external temperature, pressure and light levels. After it detaches itself and floats to the surface, it transmits highly compressed user defined data.
- To prepare data sets, it utilizes Lotek's Daylog memory management technique along with Lotek's Template Fit light based geolocation process; the use of these will result in the reception/recovery of a significantly higher portion of geolocation tracks over normal, raw data downloads.
- Optimized design that minimizes drag and tag oscillations, thus improving attachment longevity.
- Detachment based on corrosive link.
- Argos transmitter output power up to 0.5 Watt (user programmable)

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- Receivers
- Dataloggers
- Radio transmitters

- Acoustic transmitters
- Archival tags
- GPS systems

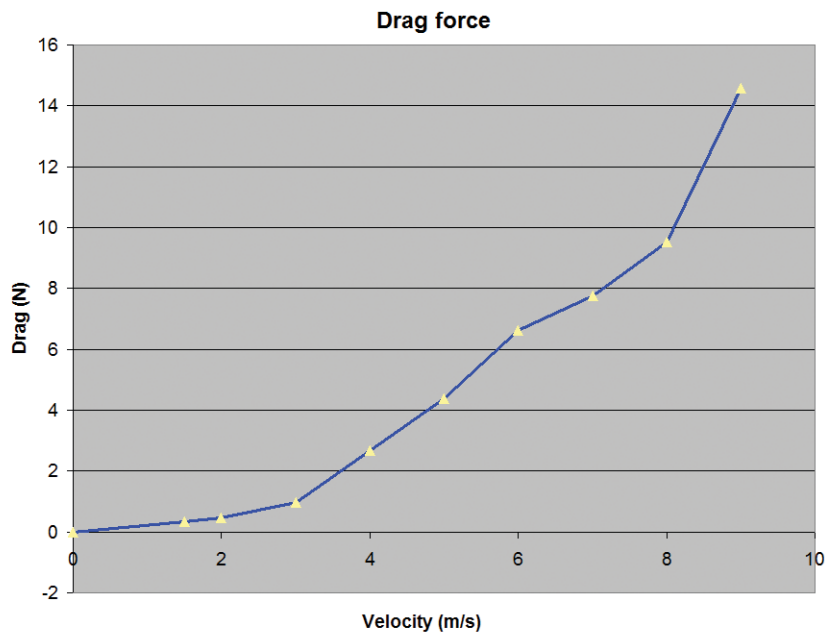
- Hydrophones
- Wireless hydrophones
- Physiological transmitters

- Depth transmitters
- Accessories
- Consulting

PSAT Series: Geolocation

Specifications

Length	153 mm
Tube (outside) diameter	19 mm
Max. diameter (collar)	40 mm
Weight in air	82 grams
Min. operating life	1 year
Depth rating	2000 m
Buoyancy	13 grams
Operating temperature	-5° to +35° C
Memory	128 Mbytes



NOTE: These specifications are subject to change.

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