



# Wildlife tags "PULSAR" for marine animals

## Functionality

Combined with an Argos satellite transmitter and state-of-the-art battery-safe technology the tags "PULSAR" are an effective wildlife tracking solution for large marine mammals such as beluga whales, seals, dolphins. The animal locations are based on Argos doppler effect. The user tracks the animal via the Internet on regular basis.

## Communication

Satellite system Argos

## Specification

### Signal

Carrier frequency	401.650 ± 0.03 MHz
Output power	700 mW
Modulation	Manchester encoded phase modulated with 1.1 modulation depth and 400 Hz bitrate

Transmission period 1 min

Position data Argos doppler effect

## Operation

Environment temperature	-40 to +60°C
Storage temperature	-10 to +10°C
Lifetime	12 months at least

## Construction

Power source	lithium batteries
Activation switch	removable magnet
Case	one-piece, hermetic, impact-resistant assembly
Antenna	flexible
Weight	up to 350 grams

