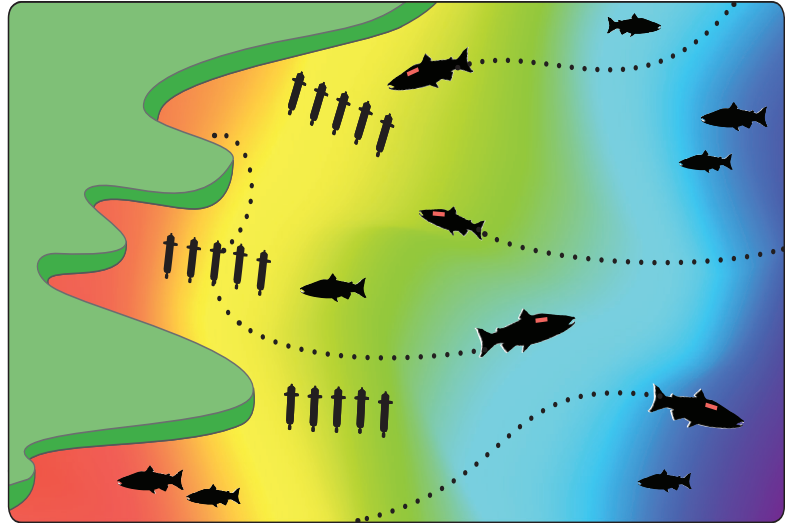


# Acoustic Data Storage Tag (ADST)

ADST transmits data and also stores sensor data so you can get depth and temperature data from your fish even when they are outside your array

The ADST is a dual purpose tag that both transmits data acoustically and stores essential sensor data internally, providing you with valuable information on behaviour even when your tagged fish are outside of your receiver array. When an ADST is recovered, you have access to all of the sensor data taken throughout the life of the tag.

Since data storage tags are often recaptured through commercial fisheries, the ADST features a bright orange casing to increase the likelihood of recovery. It can also be ordered with the option of positive buoyancy.



## Sensor Specifications

Temperature Sensor		
Range	Accuracy	Resolution
-5 to 35 °C	±0.5 °C	0.15 °C
-4 to 20 °C	±0.5 °C	0.1 °C
0 to 40 °C	±0.5 °C	0.15 °C
10 to 40 °C	±0.5 °C	0.12 °C

Pressure Sensor (at room temperature)		
Max Depth	Accuracy	Resolution
17 m	±0.5 m	0.075 m
34 m	±0.5 m	0.15 m
68 m	±1.0 m	0.3 m
136 m	±1.0 m	0.6 m
204 m	±1.0 m	0.9 m
290 m	±2.0 m	1.28 m

## Benefits

- » Eliminates the need to double tag
- » Available in 9 mm and 13 mm diameter
- » Memory capacity stores more than 500,000 sensor samples
- » Data retention of greater than 10 years
- » Compatible with all Vemco 69 kHz receivers
- » Independently configure sensor sampling and acoustic transmission rates for each sensor
- » Positively buoyant option available
- » Bright orange case to increase visibility and likelihood of recovery



## Pair With

The Acoustic Data Storage Tag (ADST) is used as a system with: all Vemco 69 kHz receivers

- » VR2Tx Transponding Receiver
- » VR2AR Transponding Receiver and Acoustic Release
- » VR2W-69 kHz Receiver
- » VR4-UWM (Underwater Modem)
- » VMT (Vemco Mobile Transceiver)



## PRODUCT SPECIFICATIONS

ADST Family	Diameter	Length (mm)	Weight in Air (g)	Power Output (dB re 1 uPa @ 1m)
ADST (V9TP)	9 mm	43	6.0	146 - 151
ADST (V9TP with Float Option)	13 mm	65	8.5	146 - 151
ADST (V13TP)	13 mm	43	11.5	149 - 154
ADST (V13TP with Float Option)	16 mm	75	14.2	149 - 154

ADST (V9TP) Projected Battery Life (Days)				
	T&P DST Delay	Ping Delays (s)		
		60	120	180
High Power	120	112	201	280
Low Power	120	289	468	600

ADST (V13TP) Projected Battery Life (Days)				
	T&P DST Delay	Ping Delays (s)		
		60	120	180
High Power	120	244	432	593
Low Power	120	730	730	730

15 second DST delay will fill memory log in 45 days.  
120 second DST delay will fill memory log in 360 days.

**Ready to Get Started? [Contact us](#) today.**

### About Innovasea

Innovasea designs the world's most technologically advanced aquatic solutions for fish tracking and builds them to withstand the toughest conditions. It's all driven by a commitment to make our ocean and freshwater ecosystems sustainable for future generations. Today. Tomorrow. For life.