

Speed of sound

Air 340 m/second

WATER 1500 m/second

TEMPERATURE $1^{\circ}\text{C} = 4.0 \text{ m/s}$

HIGHER TEMP ↑ SPEED

SALINITY / DENSITY ↑ ↑ SPEED

PRESSURE ↑ ↑ SPEED

TEMP. $1^{\circ}\text{C} = 4.0 \text{ m/s}$ INCREASE

SALINITY | PPT increase 1.4 m/s \uparrow

Pressure | km = 17 m/s \uparrow





