**HTI92-WB hydrophone for glider (OSUGlider1)**

**Specifications (5/20/2014) Rev 2**

Model # : HTI-92-WB

Max pressure rating : 2,000 m

Sensitivity         : -165 dB re 1µPa/V (with internal pre-amplification)

Frequency response : 1-st order high pass at 20-Hz and no low pass filter at higher end

Power consumption   : < ~1.5mA total  
Supply Volt         : +3.3V  
Elect noise level         : 10 dB lower than the sea state 0 noise level for all freq  
Calibration : calibrated within +/- 1dB in freq range of 20 Hz to 150 kHz  
Connector : Impulse connector 6-pin IE55-1206-CCP (straight)

Pin 1 : Negative signal output

Pin 2 : Positive signal output

Pin 3 : +3.3V DC

Pin 4 : Ground - 3.3V DC return (Ground+ Shield)

Pin 5 : NC

Pin 6 : NC

Cable length : 55”

No of units required : 2

Calibration : one of the units to be calibrated to full bandwidth by USRD

Contact: Haru Matsumoto

[Haru.matsumoto@oregonstate.edu](mailto:Haru.matsumoto@oregonstate.edu)

CIMRS, Oregon State University, (PMEL/NOAA)

2115 SE OSU Dr. Newport, OR 973675

Phone 541-867-0272