

NTO

Tools »



The Ultrawire Noise Tool (NTO) software performs the special processing necessary for the NTO tool.

The following outputs are produced from a single NTO Warrior Sensor:

200hz	Frequency Cutoff 1
400hz	Frequency Cutoff 2
600hz	Frequency Cutoff 3
1000hz	Frequency Cutoff 4
4000hz	Frequency Cutoff 5
6000hz	Frequency Cutoff 6
NTOVDL	Frequency Spectrum
NTOGAIN	Gain
NTOSAT	Saturation Count

The frequency cutoffs are high pass filters, i.e. filters which eliminate sound below the named frequency. They are a simplified way at looking at the frequency spectrum. Note that the frequency cuts can be configured differently from the default ones shown.

The frequency spectrum represents the FFT (Fast Fourier Transform) of the downhole digitised sound, The frequency range is 0 to 12.7kHz, i.e. 128 x 100hz wide 16 bit frequency bins. NTOVDL is scaled 0 to 12700hz horizontally, and 0 to 100% full scale intensity.

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