

Options

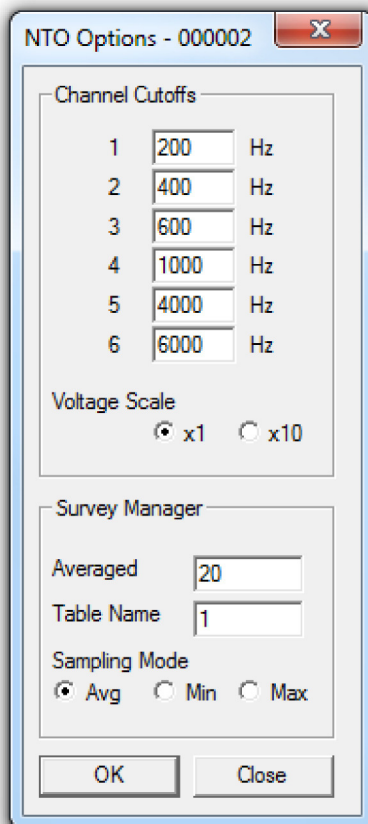
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The frequency cutoffs applied in software to the FFT spectrum are configurable from the options window and saved to tools.ini. The high pass filter eliminates noise frequencies below the frequency cutoff values, so the 200 Hz cutoff rejects frequencies below 200 Hz.

When a cutoff is changed the monitors and outputs will update to reflect this. The outputs are set in the survey table once the first station is recorded so it is recommended to create a new survey table, by setting a new **Table Name**, if changing the cutoffs mid survey.

Note: The cutoff frequencies must be in the range 0 to 12800 Hz and in ascending order.



- Voltage Scale** This multiplies the signal by the specified factor; x1, x10. This is reflected in the final noise level that is recorded in mV.
- Averaged** Defines the number of half second samples to average over when recording a station, limited from 1 to 7200 samples. A sample is an FFT spectrum accumulated over half a second, i.e. 2 samples equate to 1 second, 7200 samples equate to 1 hour.
- Table Name** Defines the survey table name, accepts up to 9 alpha numeric characters.
- Sample Mode** Defines the whether the averaged FFT spectrum averages each frequency bin amplitude over the sampling duration, or holds onto the minimum or maximum amplitude. The max setting is useful for capturing intermittent events.

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