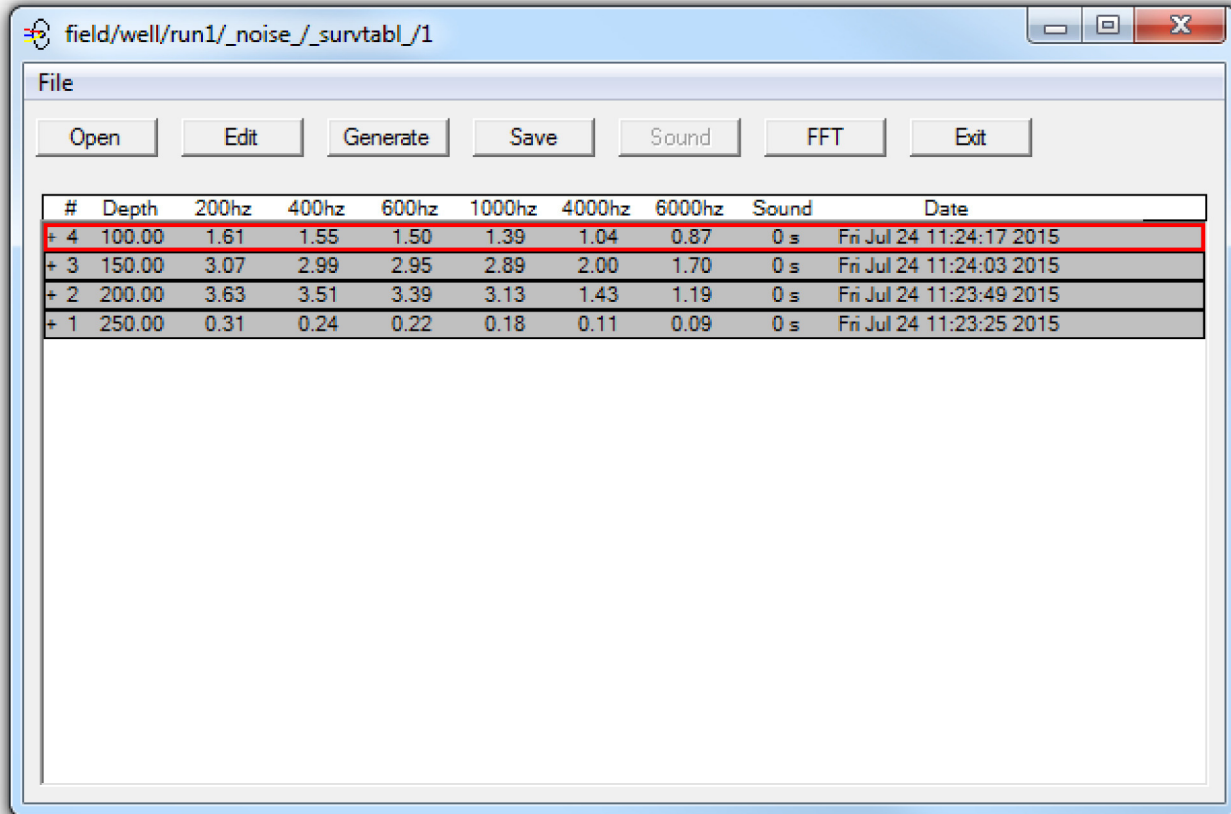


NTO Stationary Survey

Tools » NTO »



To run a stationary noise log, open the **NTO Control** window. **Record Station** will take n samples, average the results (or take the minimum or maximum depending on sampling mode) and record them as a depth station in a survey table. **Survey Manager** will display the stations in a tabular format, as each station is recorded the results are entered into the survey table.



The screenshot shows a window titled "field/well/run1/_noise/_survtbl/_1" with a "File" menu. The menu contains buttons for "Open", "Edit", "Generate", "Save", "Sound", "FFT", and "Exit". Below the menu is a table with the following data:

#	Depth	200hz	400hz	600hz	1000hz	4000hz	6000hz	Sound	Date
+ 4	100.00	1.61	1.55	1.50	1.39	1.04	0.87	0 s	Fri Jul 24 11:24:17 2015
+ 3	150.00	3.07	2.99	2.95	2.89	2.00	1.70	0 s	Fri Jul 24 11:24:03 2015
+ 2	200.00	3.63	3.51	3.39	3.13	1.43	1.19	0 s	Fri Jul 24 11:23:49 2015
+ 1	250.00	0.31	0.24	0.22	0.18	0.11	0.09	0 s	Fri Jul 24 11:23:25 2015

After all stations have been recorded the survey can be output as log curves and/or tabular results. If there are station that need to be excluded from the final results this may be achieved by selecting the particular station in the survey table (by clicking anywhere in its line) and clicking the **Disabled** check box. It is also possible to add a **Comment** and edit the **Depth**.

Edit Noise Survey Station

Station Type: Noise Survey

Station #: 4, is shown as 1

Comment: [Empty]

Depth: 100.00 ft

Disabled

200 hz	1.61	mV
400 hz	1.55	mV
600 hz	1.50	mV
1000 hz	1.39	mV
4000 hz	1.04	mV
6000 hz	0.87	mV

OK

Cancel

The **Generate** button in Survey Manager is for outputting a depth log.

Dataset indicates what the resulting merged and interpolated log will be called. If a logarithmic display of the data is required then the **Logarithmic interpolation** check box must be checked. In this case the log presentation used must specify a logarithmic grid and logarithmic curve.

Generate Depth Log:

Destination

Database: C:\Sondex\Sondex Warrior\Data\ntodemo.db

Dataset: field/well/run1/_dlog1_

Format: NOISE

Logarithmic interpolation

Auto Merge

[Empty List Box]

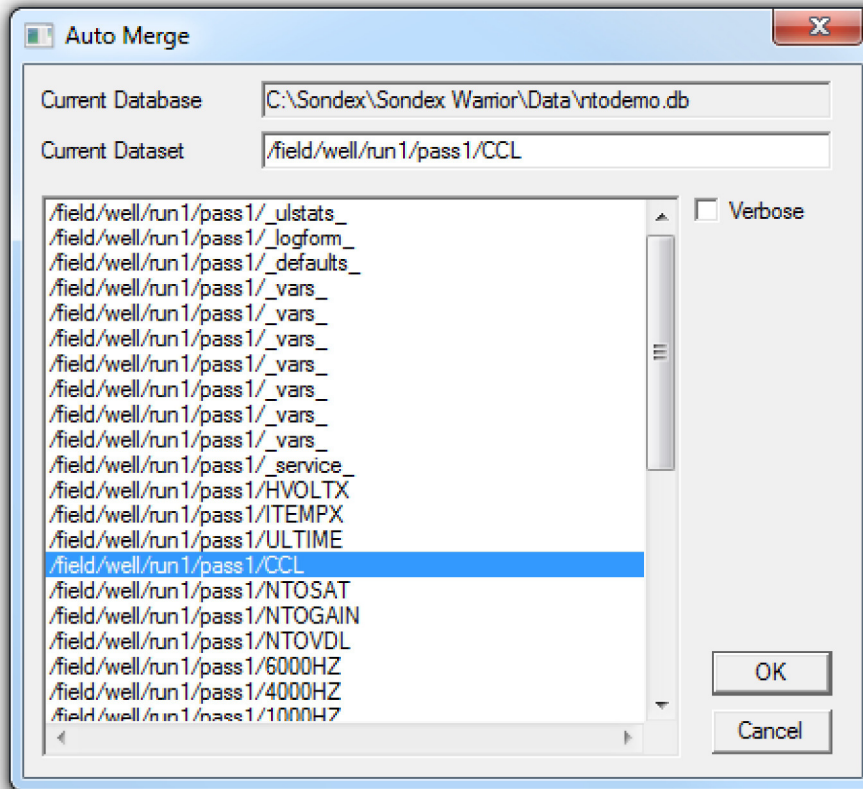
Add

Remove

OK

Cancel

Note that other curves, e.g. CCL, may easily be merged with the noise curves using the **Auto Merge** feature. Clicking the **Add** button displays a list of other curves present in the current database. At present it is not possible to merge curves from other databases by this method. Aliasing may be used to achieve this if required.



Double-click on the curve(s) to be merged with the noise data. To generate the merged presentation click on the **OK** button and merged log will be displayed on the screen.

Note: A merged presentation may be generated at any time in order to monitor the progress of the survey, e.g. after each depth station if required.

For final presentation a tabular output of the survey table may be added when assembling the final plot using **Plot Job Editor**.

Copyright © 2015 Sondex Wireline Ltd. All Rights Reserved.