

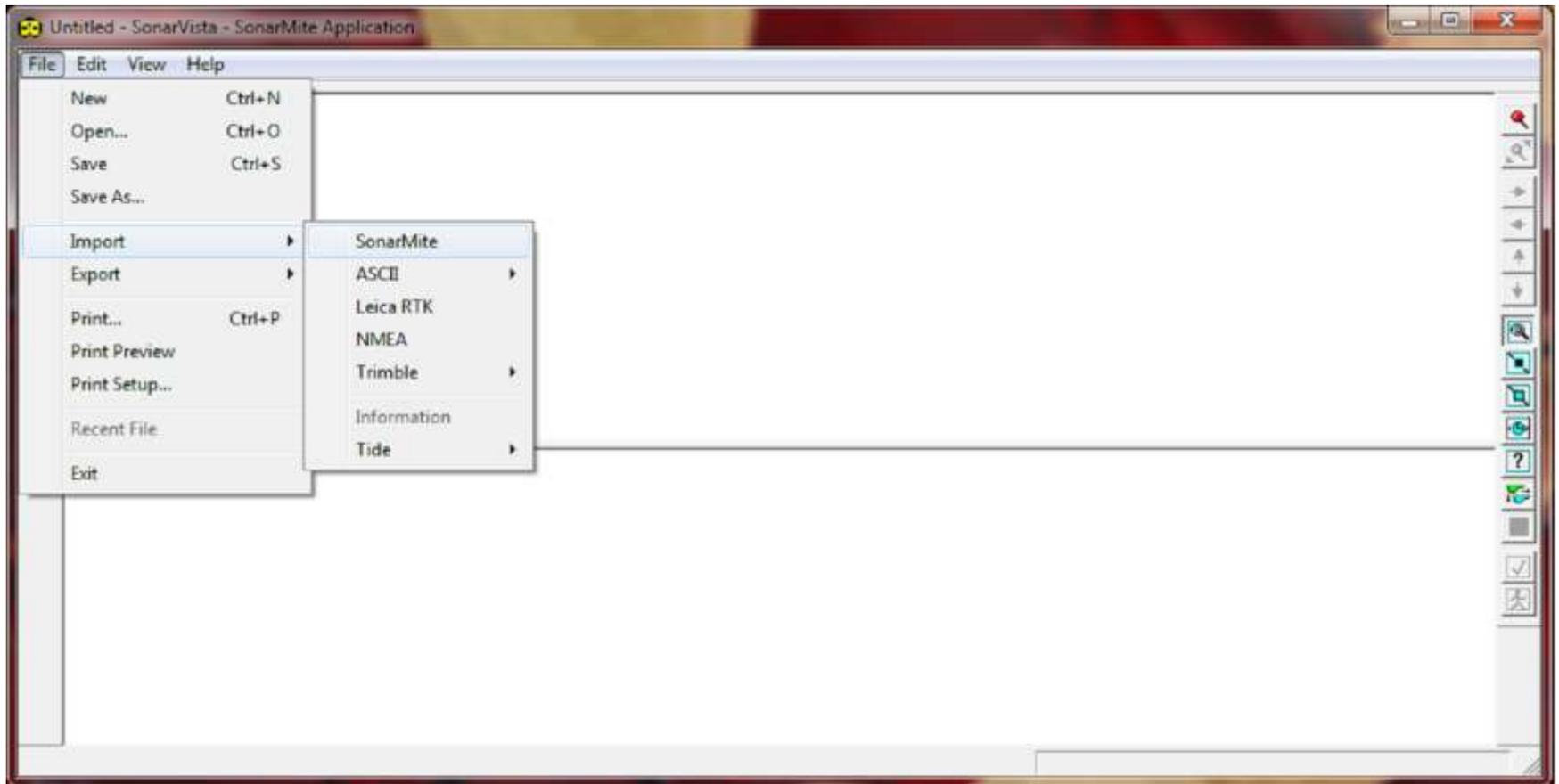
Importing, Cleaning & Exporting Data with Sonarvista

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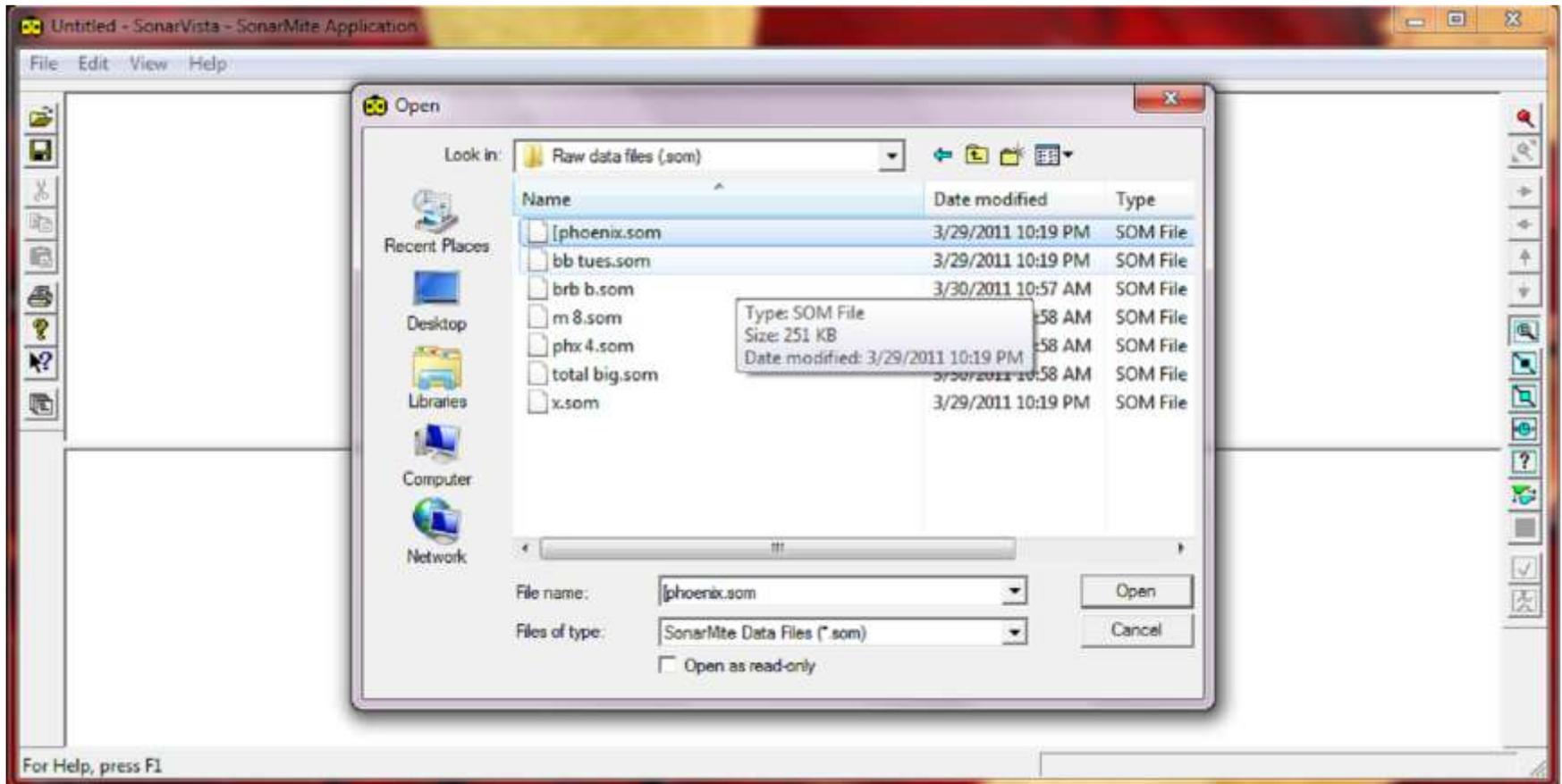
Importing Your Data

“File” → “Import” → “Sonarmite”



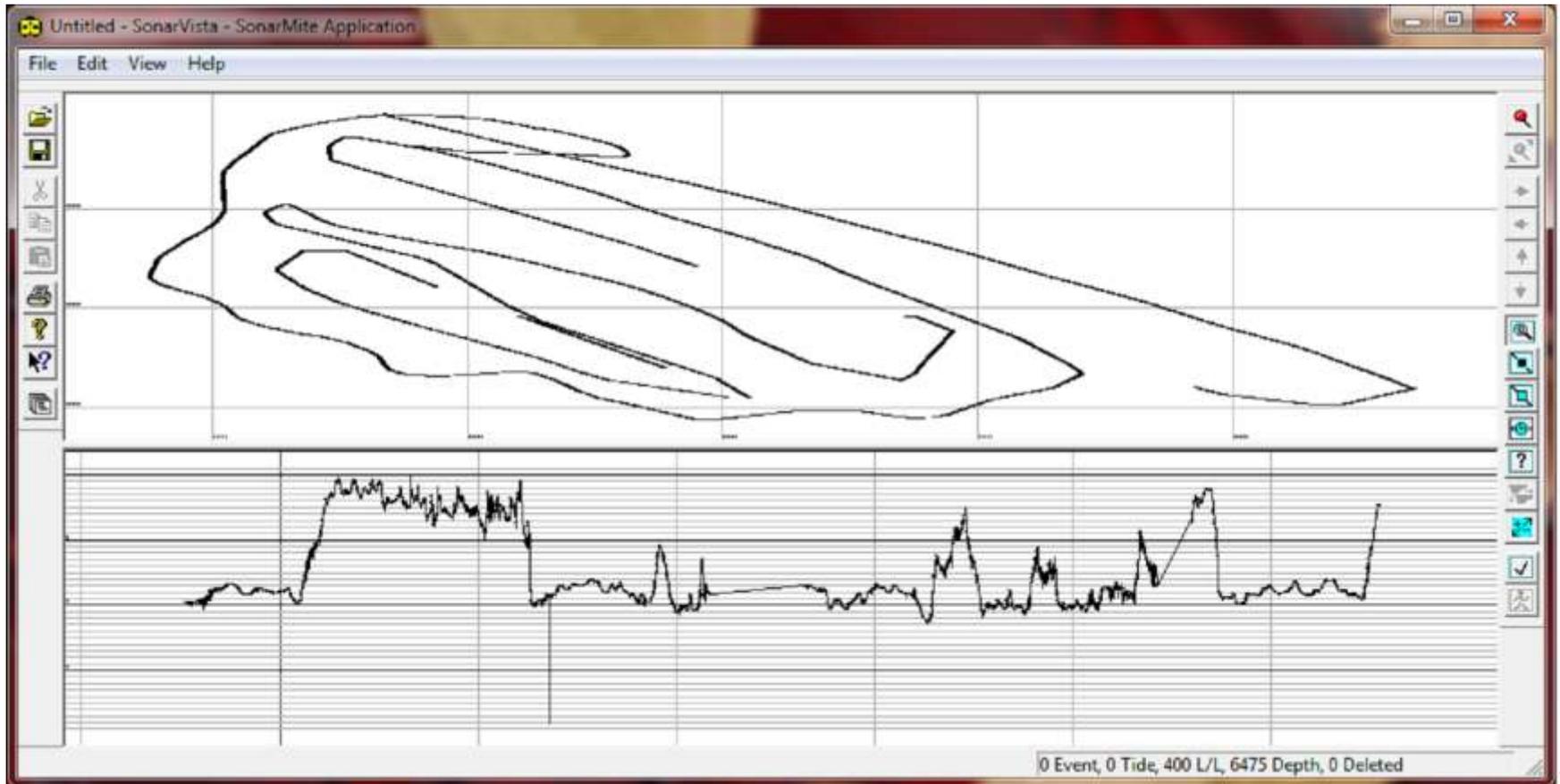
Importing Cont.

Select file to import

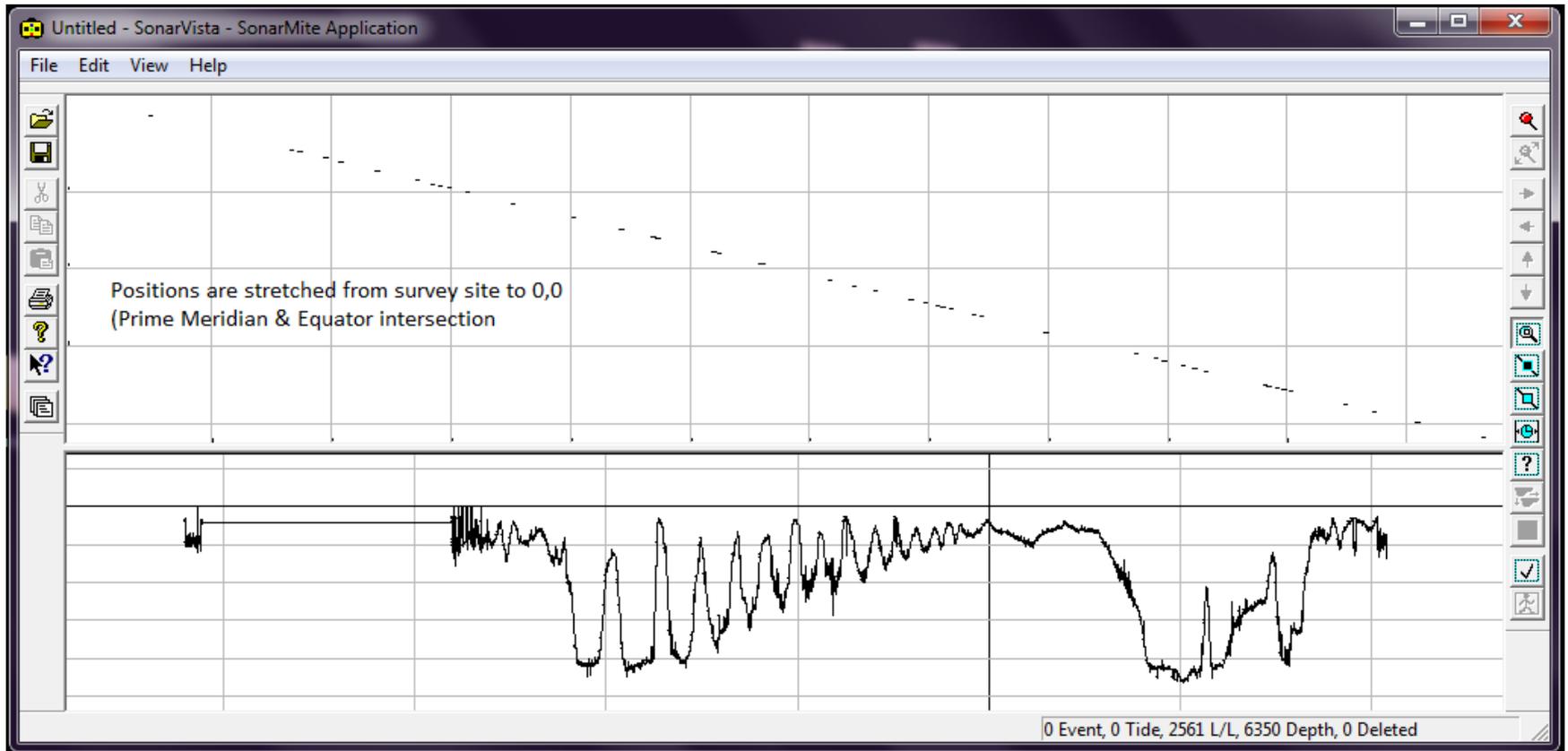


Importing Cont.

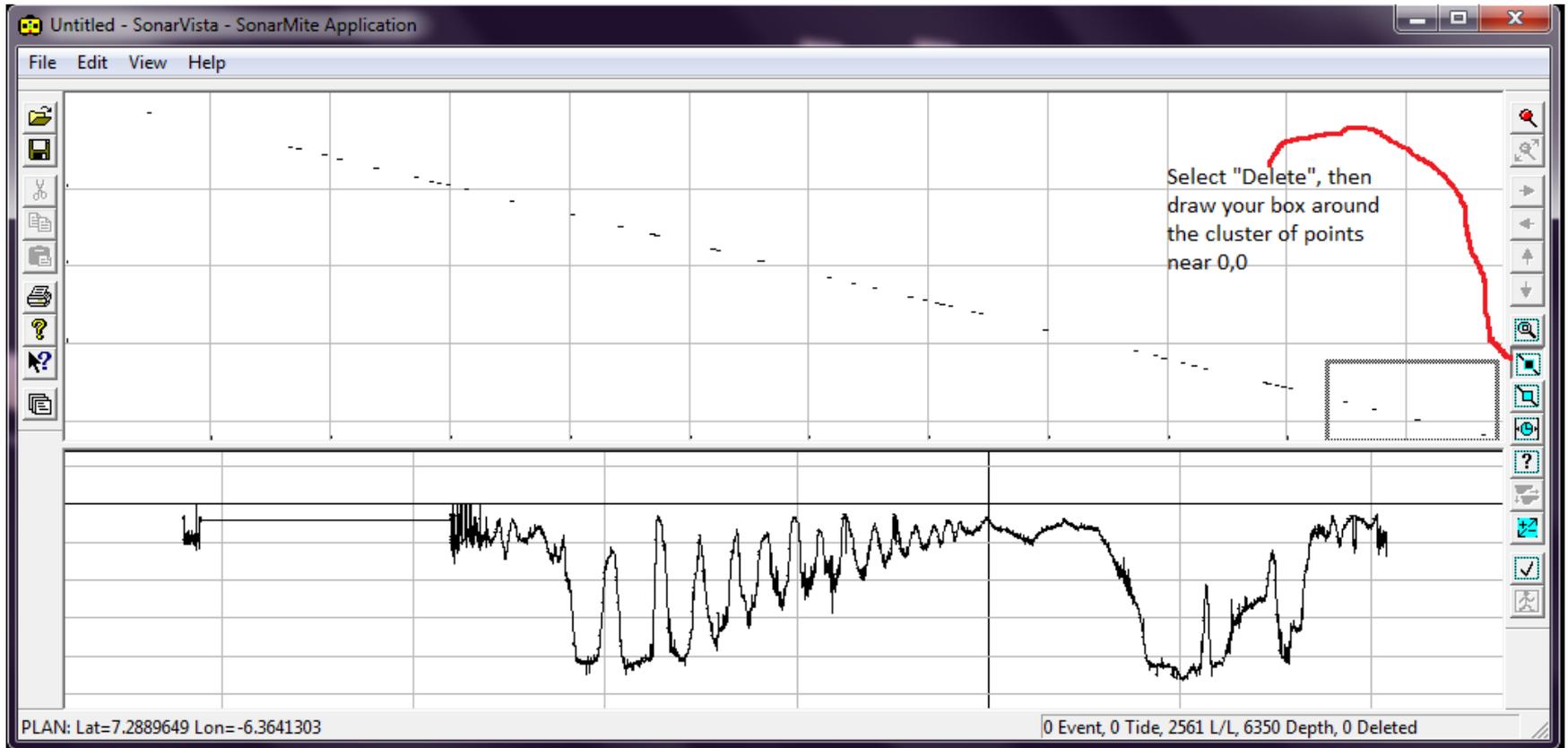
You should now see Tracklines and Echogram



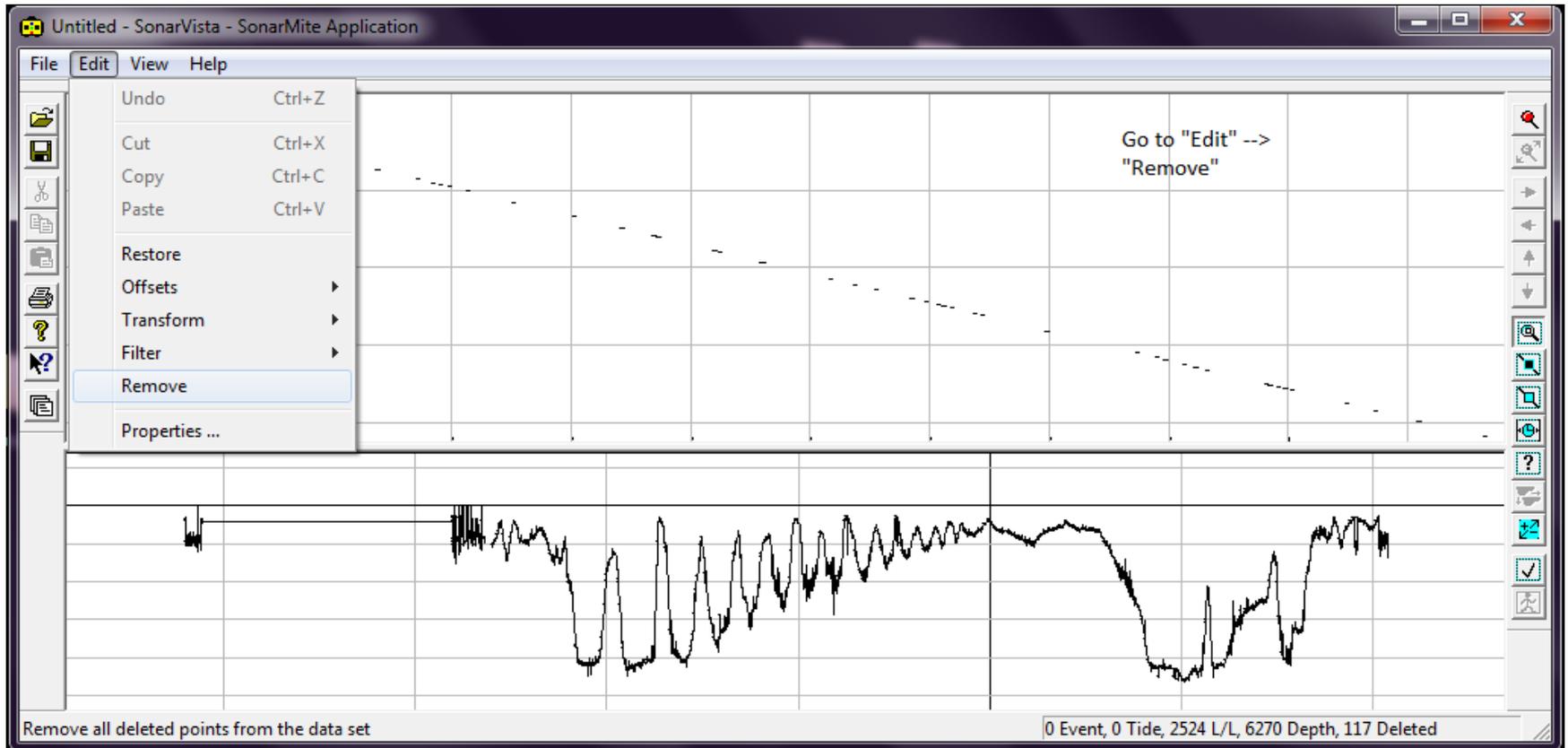
Fixing Stretched GPS positions



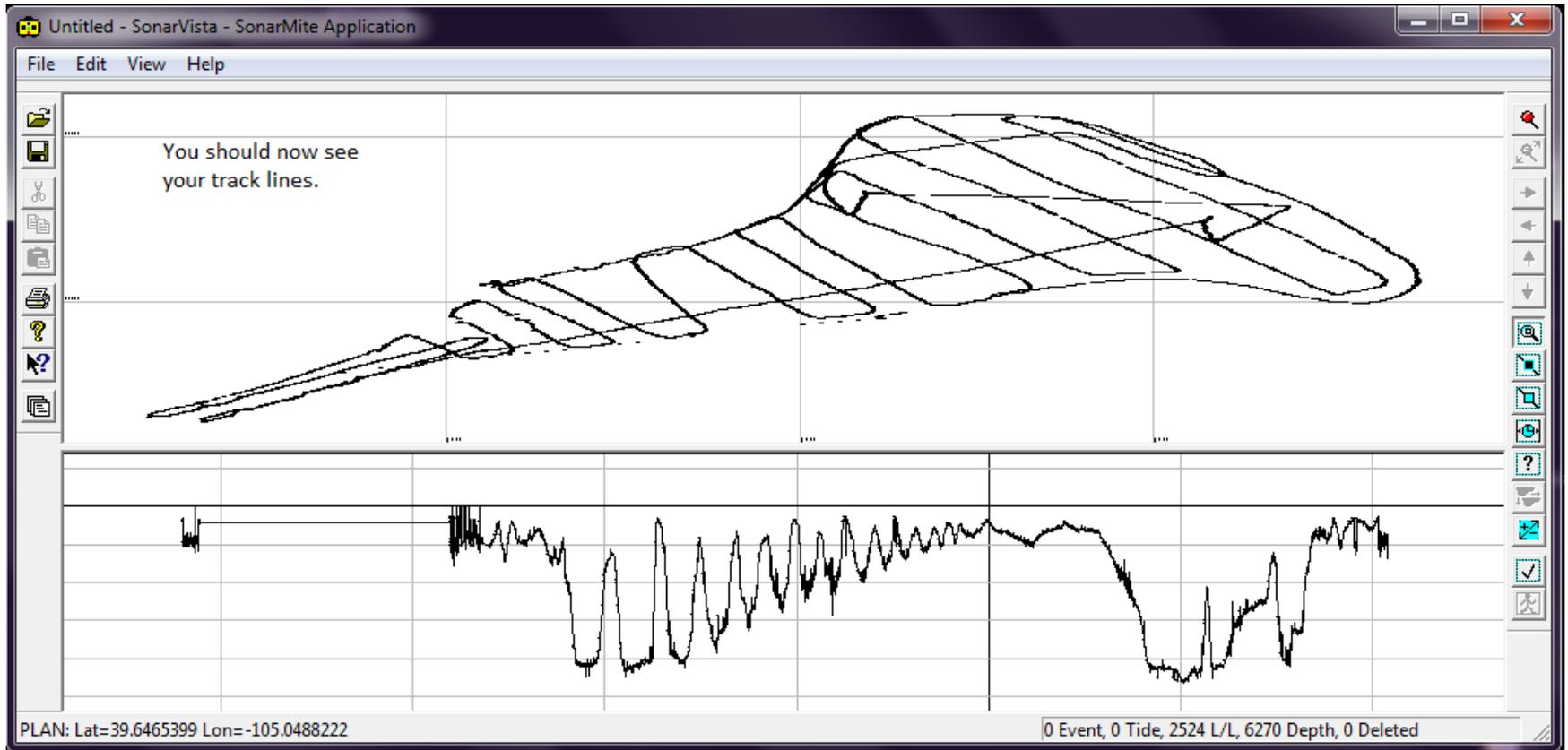
Stretched Positions Cont.



Stretched Positions Cont.



Stretched Positions Cont.



Cleaning Depths

- Use steps outlined in Fixing Stretched GPS Positions to clean bad data, with the help of the “Enquire” function found on slide 14

Entering Offsets

“Edit” → “Offsets” → “Positions OR Depths”



Changing Text Size

- Go to “Edit” → “Properties”

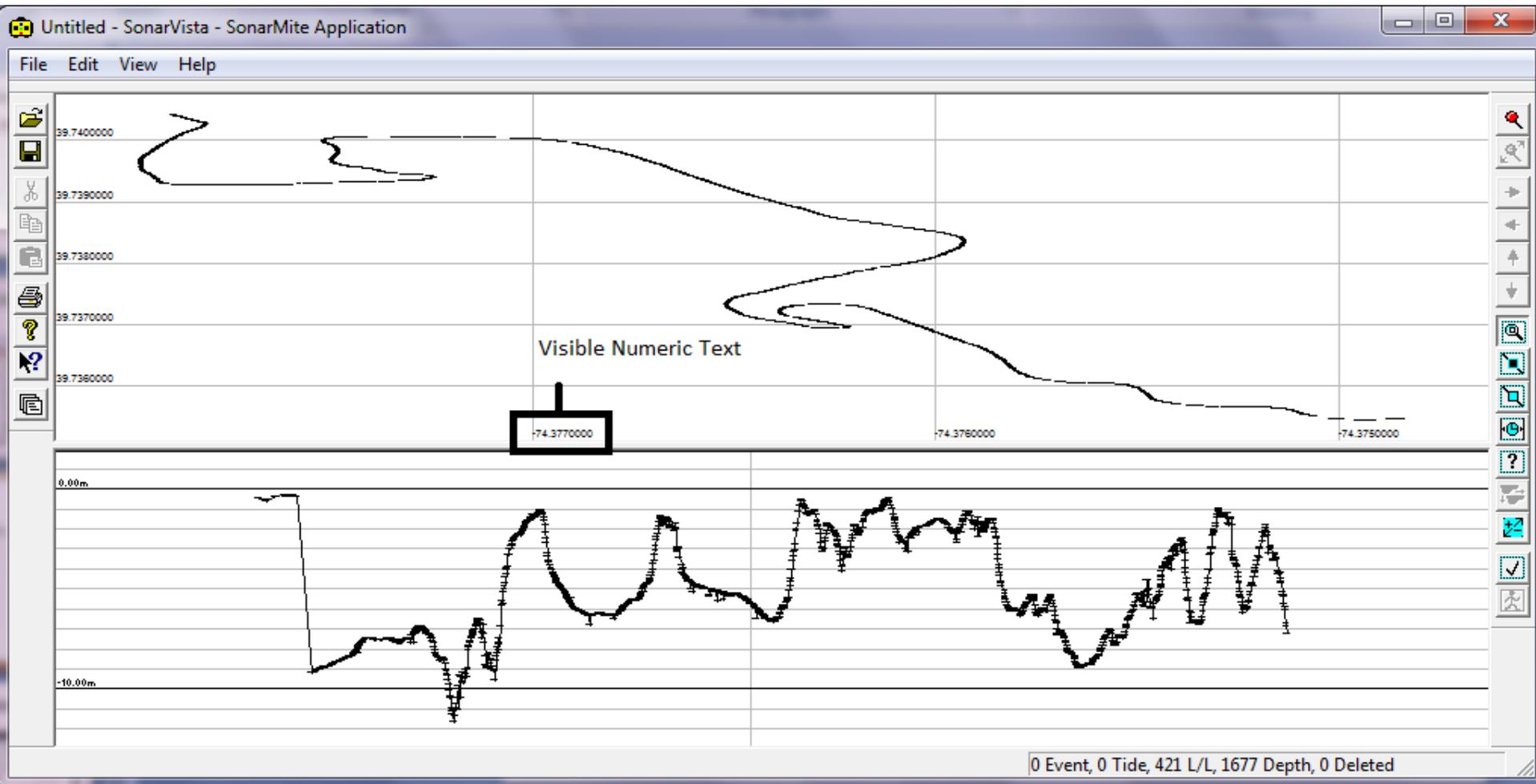
The screenshot shows the SonarMite Application interface. The main window displays a sonar scan with a depth profile and a tide profile. A dialog box titled "General Properties" is open in the center. The dialog box has a title bar with a question mark and a close button. It contains several sections:

- Colour Banding:** A list of categories with corresponding color swatches: Event (magenta), Position (red), Tide (yellow), Depth (cyan), and an empty box (blue). Below this are buttons for "Red/Yellow/Green", "Cyan/Blue/Magenta", and "Set Default RGB".
- Colour Scheme:** Radio buttons for "Point Type" (selected), "Elevation", and "Relative Quality".
- Display:** Checkboxes for "Position", "Tide", "Depth", and "Event", all of which are checked.
- Draw Text Size:** A spin box set to 5.
- Draw box size:** A spin box set to 3.
- Interp.Limit(secs):** A spin box set to 10.
- Animate:** A slider control.
- Buttons:** "OK" and "Cancel" buttons at the bottom.

The status bar at the bottom of the application window displays the text: "0 Event, 0 Tide, 421 L/L, 1677 Depth, 0 Deleted".

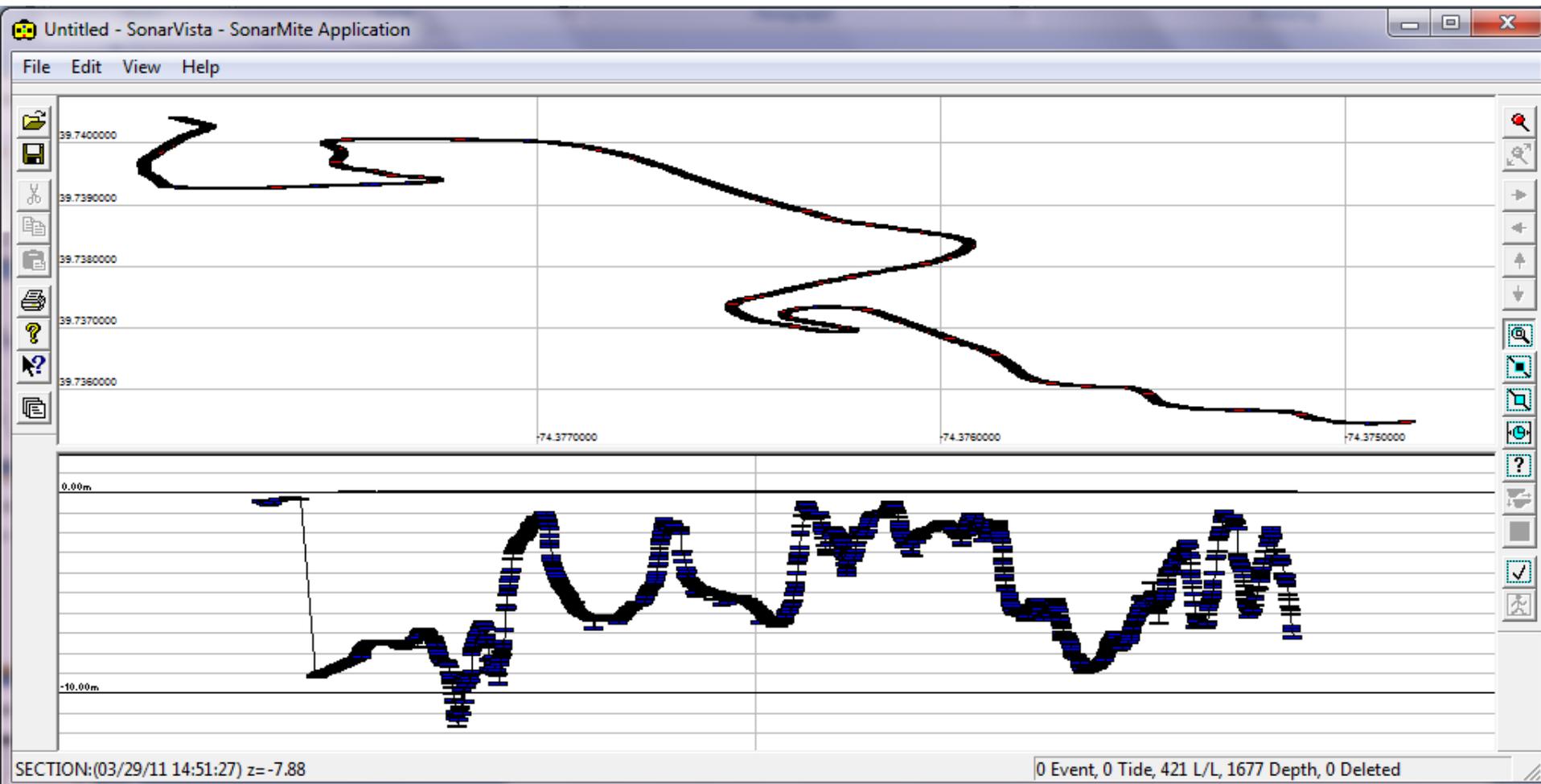
Text Size Cont.

- A text size of 13 looks like this



Changing Box Size

- Follow same steps as text size, a box size of 8 looks like this



Enquire on Data

1. Select "Enquire"

2. Draw box around depths you want to Enquire on, Point Info should come up

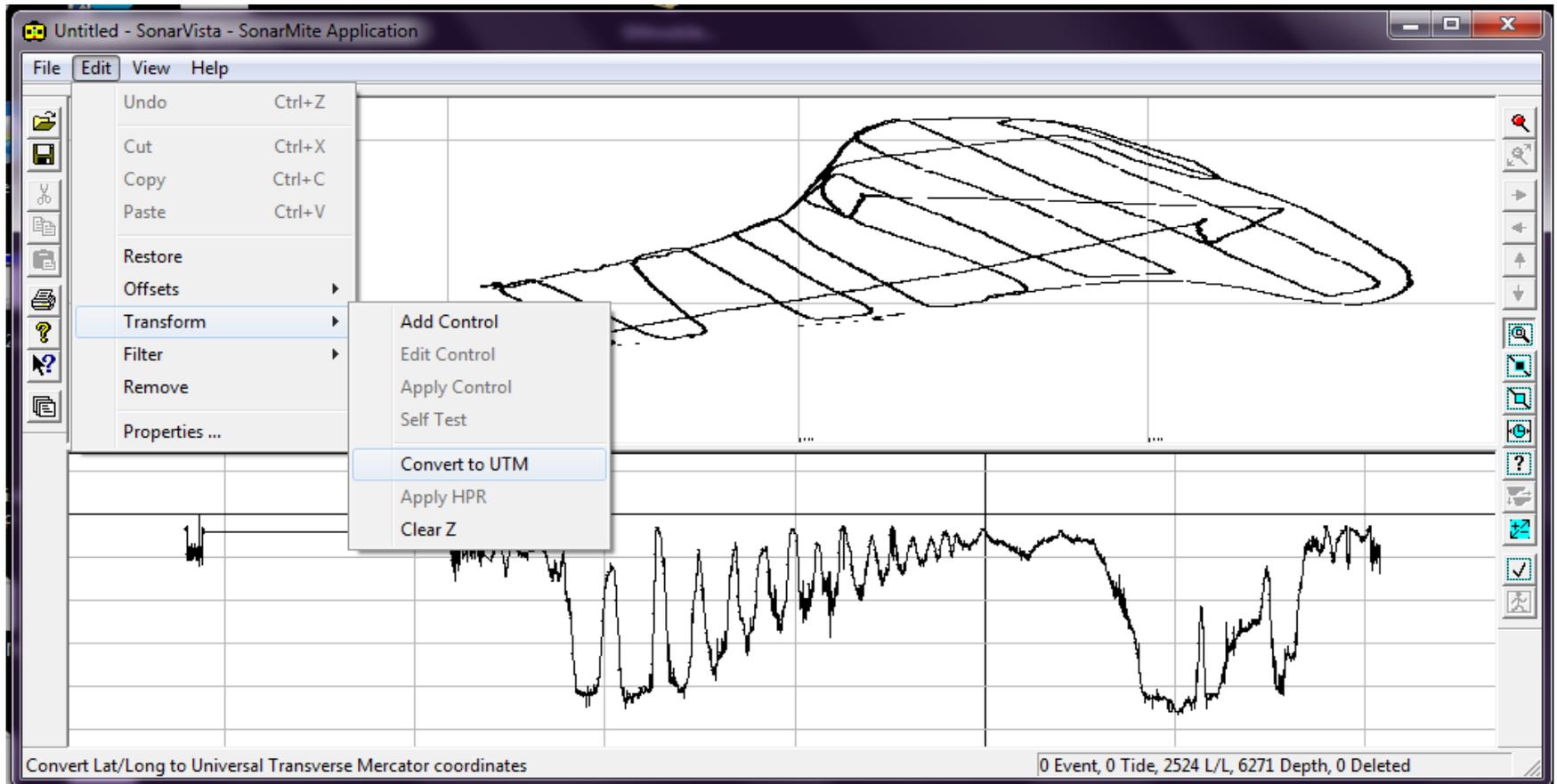
3. Check Quality of Sounding

Point ID	Latitude	Longitude	Depth (m)	Quality	Time	Other Data
L-105.0478720	39.6466669	0.00	0.00	0.00	22	2011 03 24 20 31 59.80
D-105.0478201	39.6466684	0.00	0.42	0.00	121	2011 03 24 20 31 59.90
D-105.0478201	39.6466684	0.00	0.43	0.00	125	2011 03 24 20 31 59.90
D-105.0478201	39.6466684	0.00	0.40	0.00	121	2011 03 24 20 31 59.90
D-105.0478201	39.6466684	0.00	0.40	0.00	122	2011 03 24 20 31 59.90
D-105.0478201	39.6466684	0.00	0.40	0.00	126	2011 03 24 20 31 59.90
D-105.0478201	39.6466684	0.00	0.40	0.00	126	2011 03 24 20 31 59.90
D-105.0478201	39.6466684	0.00	0.40	0.00	121	2011 03 24 20 31 59.90
D-105.0478201	39.6466684	0.00	0.37	0.00	124	2011 03 24 20 31 59.90
D-105.0478201	39.6466684	0.00	0.37	0.00	125	2011 03 24 20 31 59.90

SECTION:(03/24/11 20:30:09) z=0.79

0 Event, 0 Tide, 2524 L/L, 6270 Depth, 0 Deleted

Converting Positions to UTM



Exporting Cleaned Data

“File” → “Export” → Select the format you will need

