Explanation to excel sheet:

Each datafile contain the measurements recorded with two hydrophones and one particle motion sensor. It was aligned like this so that hydrophone and PM measurements was measured at 3 depths simoultaneously:

A picture containing text

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Since we needed to measure the particle motion for all three depths, the sensor was moved from the bottom, to the center and then to the top.

The excel-sheet from Erwin explains where each sensor was for the different measured files.

Table

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The first column shows the position of the sensors.

The second comumn shows the measured 3D grid (seen from above) with coordinates from 1-3 and A- C.Where **C** is at 1.5 m to the side of the source axis, **B** is at the source axis, and **A** is at 1.5 m to the other side of the source axis.

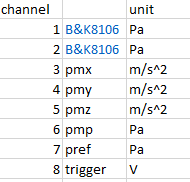
**1** is at horizontal distance 2.8 m from the source, **2** is at 4.2 m horizontal distance from the source and **3** is at 5.7 m distance from the source. The numbers in column 2 refers to the data file number.

The datafiles are matlab files with data scructs for 8 channels:

Y is vertical

X is horizontal on the source axis, positive away from the source

Z is horizontal perpendicular to source axis



For example for coordinate (2,C) the at 1 m depth and 4.2 m horizontal distance from the source the particle acceleration measurements can be found in file 28 for 4 m depth, in file 88 for 2.5 m depth and in file 127 for 1.1 m depth.

There are 15 files named like this:

Table

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Meas1\_12 is when the particle motion sensor was at point 12 marked in the excel sheet (at 4 m depth and