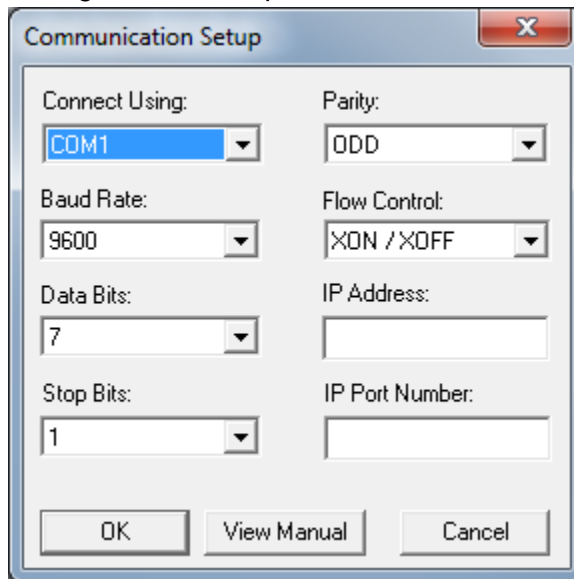
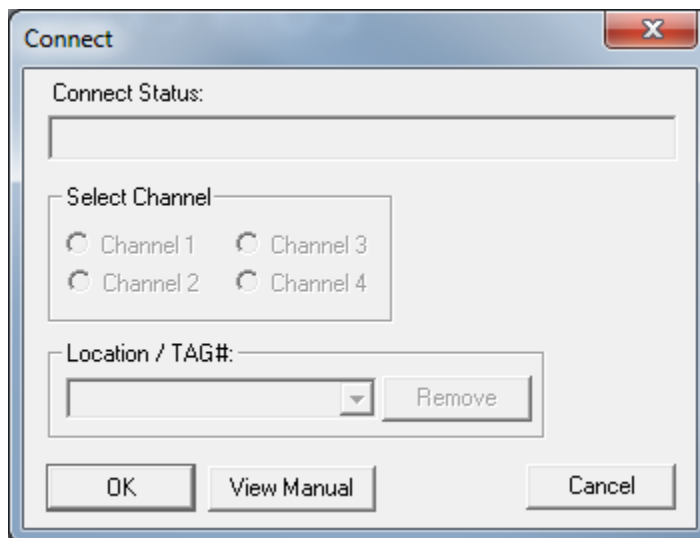


## Establishing connection between SiWare and the transmitter

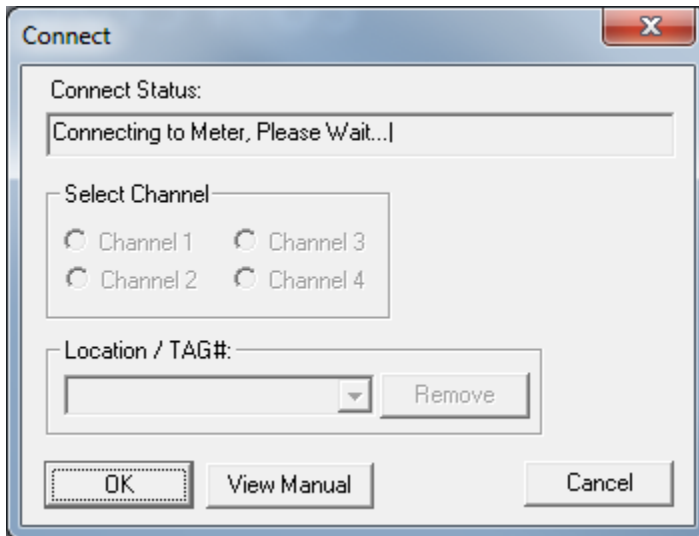
1. Ensure that the settings in SiWare (in "Setup -> Communications") correspond to the settings in the Clamp-On transmitter.



2. Go to menu: "Connection -> Connect".

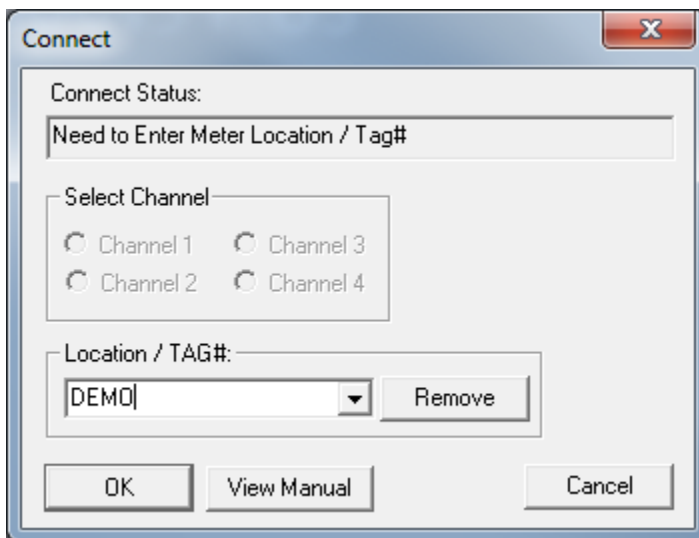


3. Press OK.



SiWare will now establish connection to the transmitter (takes 30 seconds or more).

4. Enter a TAG.

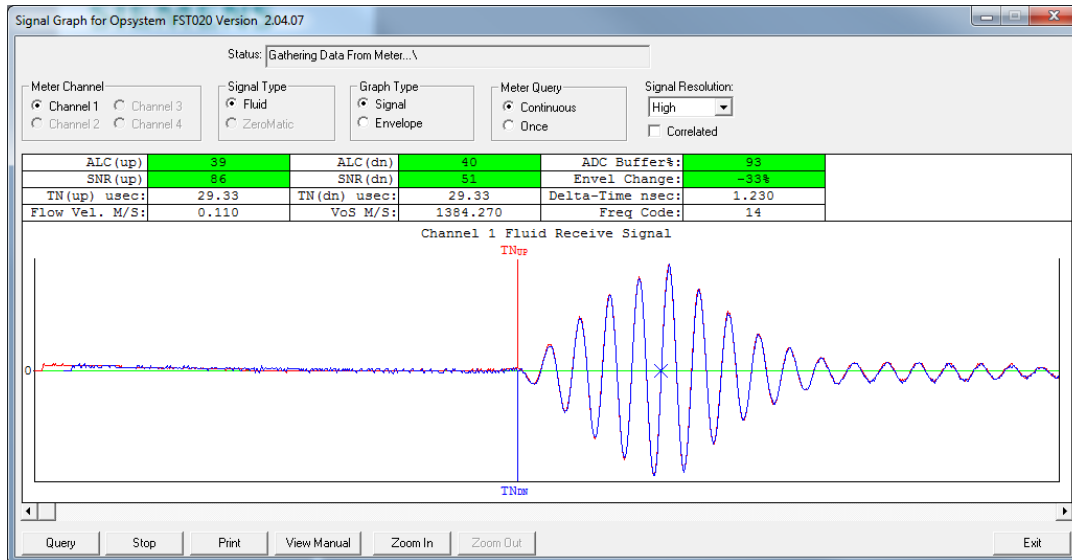


5. Press OK. Connection is now properly established.

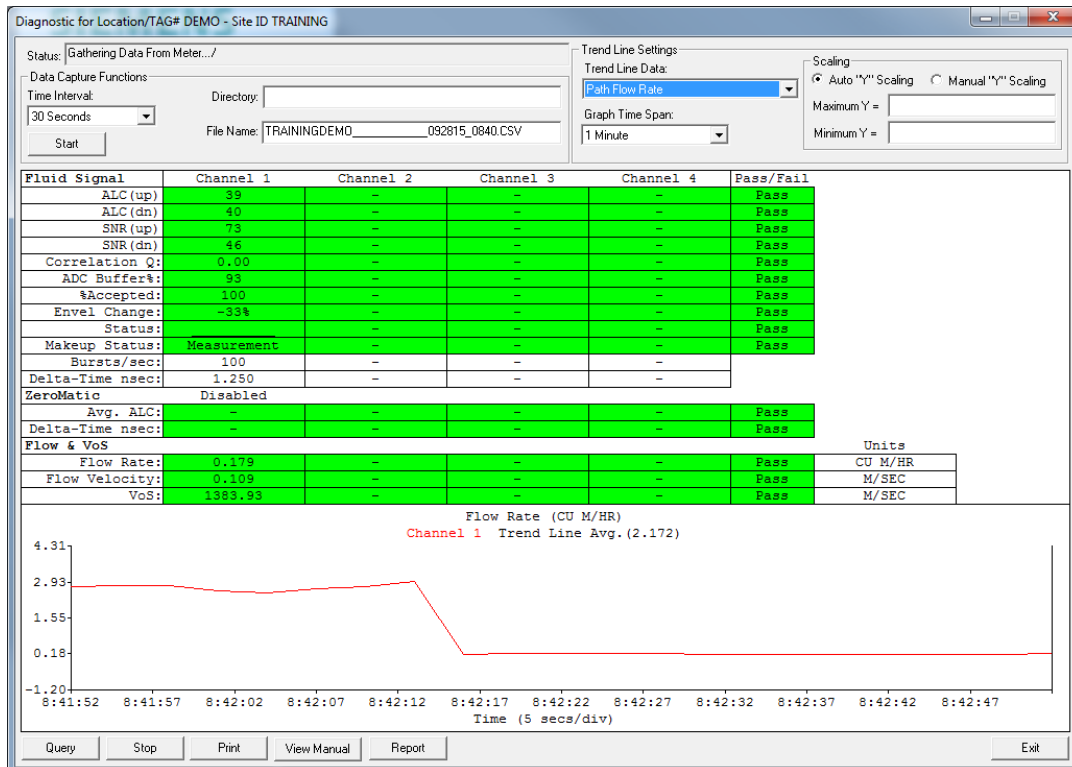
## Viewing the ultrasonic waveform and diagnostic data

The ultrasonic waveform can be viewed in “Graphs -> Signal Graph”.

It can either be printed (click “Print”) or stored electronically as a screen shot (press <Alt> and <Print Screen> in Windows).

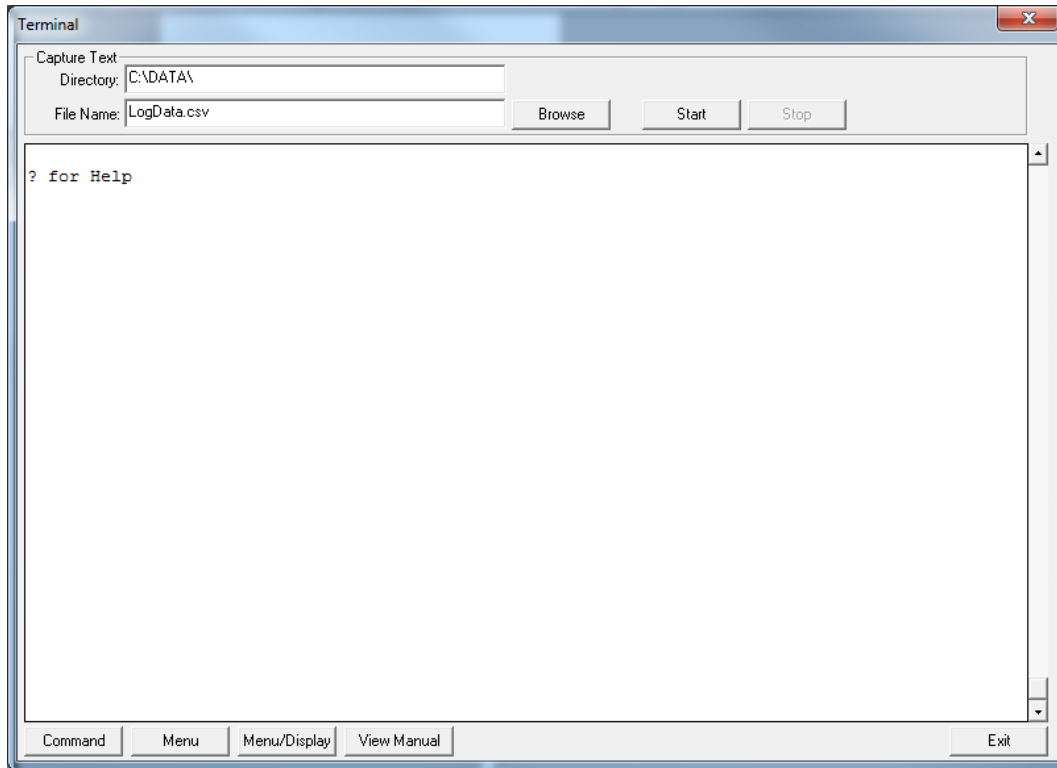


The diagnostic data can be viewed in “Diagnostic -> Meter Diagnostic”.



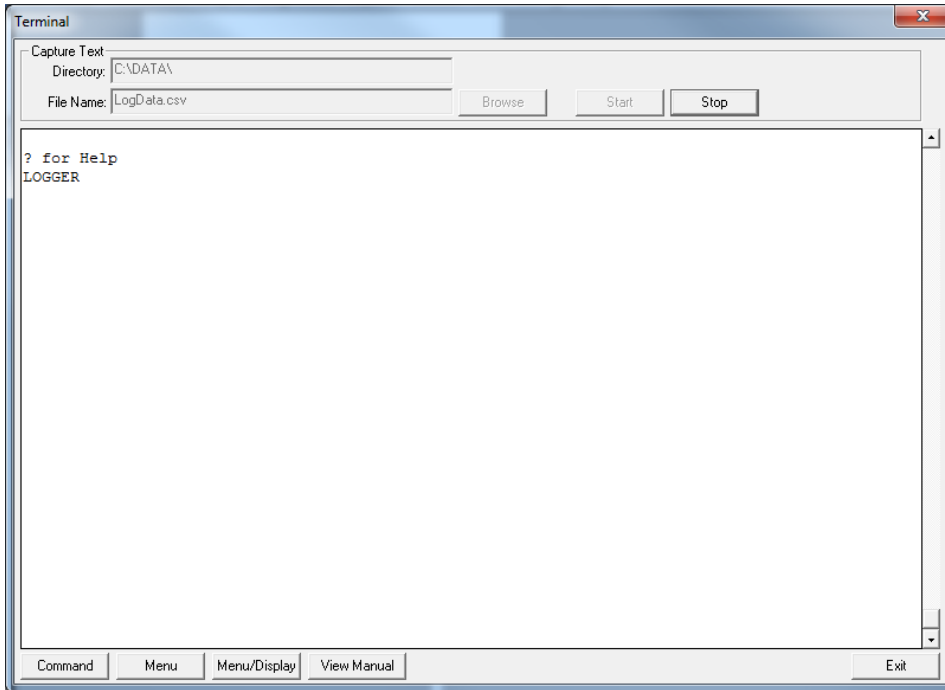
## Extracting datalogger data

1. Go to "Utilities -> Terminal".
2. Specify a file name for the logged data.

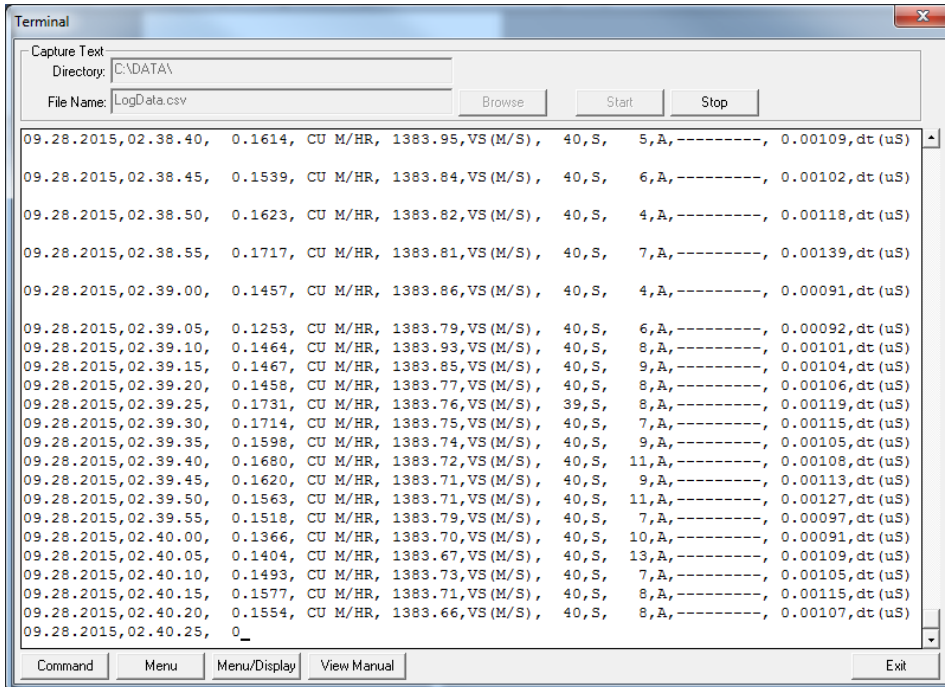


3. Press START.

4. Write "LOGGER" in the command field and press <Enter>.



Data will now flow through the Terminal window.



5. Wait for EOT and press "Stop" to close the file.

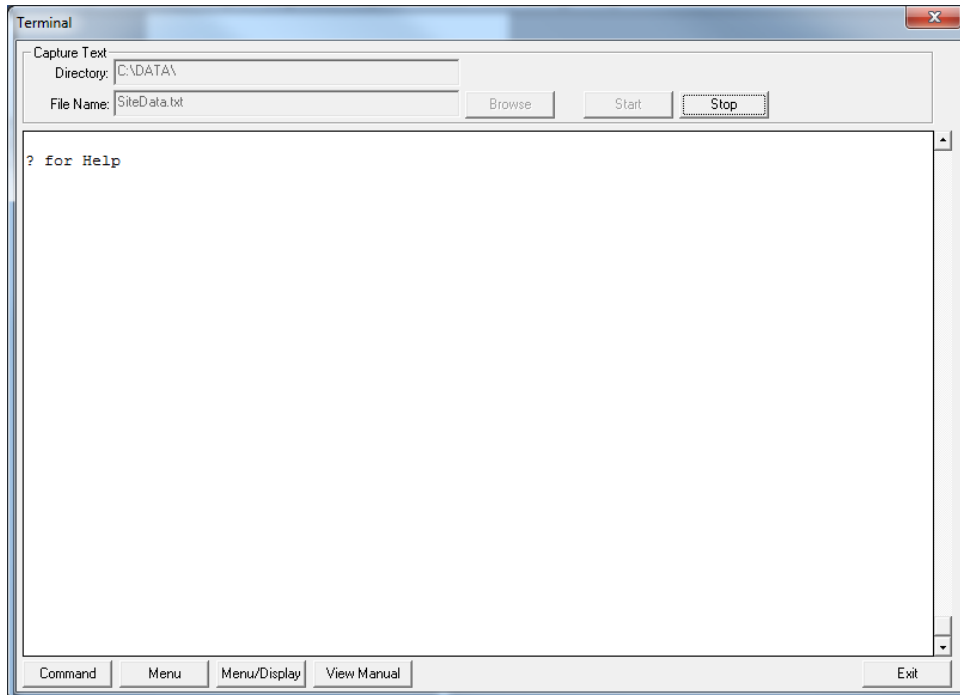
6. Open/import the file with Excel.

The screenshot shows a Microsoft Excel window titled "LogData.csv - Microsoft Excel". The ribbon includes "File", "Home", "Insert", "Page Layout", "Formulas", "Data", "Review", "View", "Macro", "PDF-XChange 2012", and "Team". The "Home" ribbon is active, showing options for "Clipboard", "Font", "Alignment", "Number", "Styles", "Cells", and "Editing". The active cell is C26. The spreadsheet contains the following data:

	A	B	C	D
1	LOGGHER			
2	09.28.2015,02.38, 0.1616, CU M/HR, 1418.52,VS(M/S), 40,S, 9,A,-----, 0.00123,dt(uS)			
3	09.28.2015,02.38.10, 0.1597, CU M/HR, 1383.96,VS(M/S), 40,S, 10,A,-----, 0.00128,dt(uS)			
4	09.28.2015,02.38.15, 0.1746, CU M/HR, 1384.02,VS(M/S), 40,S, 9,A,-----, 0.00116,dt(uS)			
5	09.28.2015,02.38.20, 0.1718, CU M/HR, 1384.01,VS(M/S), 40,S, 8,A,-----, 0.00119,dt(uS)			
6	09.28.2015,02.38.25, 0.1674, CU M/HR, 1383.95,VS(M/S), 40,S, 7,A,-----, 0.00112,dt(uS)			
7	09.28.2015,02.38.30, 0.1536, CU M/HR, 1383.86,VS(M/S), 40,S, 6,A,-----, 0.00109,dt(uS)			
8	09.28.2015,02.38.35, 0.1698, CU M/HR, 1383.92,VS(M/S), 40,S, 5,A,-----, 0.00118,dt(uS)			
9	09.28.2015,02.38.40, 0.1614, CU M/HR, 1383.95,VS(M/S), 40,S, 5,A,-----, 0.00109,dt(uS)			
10	09.28.2015,02.38.45, 0.1539, CU M/HR, 1383.84,VS(M/S), 40,S, 6,A,-----, 0.00102,dt(uS)			
11	09.28.2015,02.38.50, 0.1623, CU M/HR, 1383.82,VS(M/S), 40,S, 4,A,-----, 0.00118,dt(uS)			
12	09.28.2015,02.38.55, 0.1717, CU M/HR, 1383.81,VS(M/S), 40,S, 7,A,-----, 0.00139,dt(uS)			
13	09.28.2015,02.39.00, 0.1457, CU M/HR, 1383.86,VS(M/S), 40,S, 4,A,-----, 0.00091,dt(uS)			
14	09.28.2015,02.39.05, 0.1253, CU M/HR, 1383.79,VS(M/S), 40,S, 6,A,-----, 0.00092,dt(uS)			
15	09.28.2015,02.39.10, 0.1464, CU M/HR, 1383.93,VS(M/S), 40,S, 8,A,-----, 0.00101,dt(uS)			
16	09.28.2015,02.39.15, 0.1467, CU M/HR, 1383.85,VS(M/S), 40,S, 9,A,-----, 0.00104,dt(uS)			
17	09.28.2015,02.39.20, 0.1458, CU M/HR, 1383.77,VS(M/S), 40,S, 8,A,-----, 0.00106,dt(uS)			
18	09.28.2015,02.39.25, 0.1731, CU M/HR, 1383.76,VS(M/S), 39,S, 8,A,-----, 0.00119,dt(uS)			
19	09.28.2015,02.39.30, 0.1714, CU M/HR, 1383.75,VS(M/S), 40,S, 7,A,-----, 0.00115,dt(uS)			
20	09.28.2015,02.39.35, 0.1598, CU M/HR, 1383.74,VS(M/S), 40,S, 9,A,-----, 0.00105,dt(uS)			
21	09.28.2015,02.39.40, 0.1680, CU M/HR, 1383.72,VS(M/S), 40,S, 11,A,-----, 0.00108,dt(uS)			
22	09.28.2015,02.39.45, 0.1620, CU M/HR, 1383.71,VS(M/S), 40,S, 9,A,-----, 0.00113,dt(uS)			
23	09.28.2015,02.39.50, 0.1563, CU M/HR, 1383.71,VS(M/S), 40,S, 11,A,-----, 0.00127,dt(uS)			
24	09.28.2015,02.39.55, 0.1518, CU M/HR, 1383.79,VS(M/S), 40,S, 7,A,-----, 0.00097,dt(uS)			
25	09.28.2015,02.40.00, 0.1366, CU M/HR, 1383.70,VS(M/S), 40,S, 10,A,-----, 0.00091,dt(uS)			
26	09.28.2015,02.40.05, 0.1404, CU M/HR, 1383.67,VS(M/S), 40,S, 13,A,-----, 0.00109,dt(uS)			
27	09.28.2015,02.40.10, 0.1493, CU M/HR, 1383.73,VS(M/S), 40,S, 7,A,-----, 0.00105,dt(uS)			
28	09.28.2015,02.40.15, 0.1577, CU M/HR, 1383.71,VS(M/S), 40,S, 8,A,-----, 0.00115,dt(uS)			
29	09.28.2015,02.40.20, 0.1554, CU M/HR, 1383.66,VS(M/S), 40,S, 8,A,-----, 0.00107,dt(uS)			
30	09.28.2015,02.40.25, 0.1550, CU M/HR, 1383.65,VS(M/S), 40,S, 6,A,-----, 0.00099,dt(uS)			
31	09.28.2015,02.40.30, 0.1439, CU M/HR, 1383.64,VS(M/S), 40,S, 7,A,-----, 0.00104,dt(uS)			
32	09.28.2015,02.40.35, 0.1412, CU M/HR, 1383.63,VS(M/S), 40,S, 11,A,-----, 0.00108,dt(uS)			
33	09.28.2015,02.40.40, 0.1696, CU M/HR, 1383.62,VS(M/S), 40,S, 8,A,-----, 0.00118,dt(uS)			

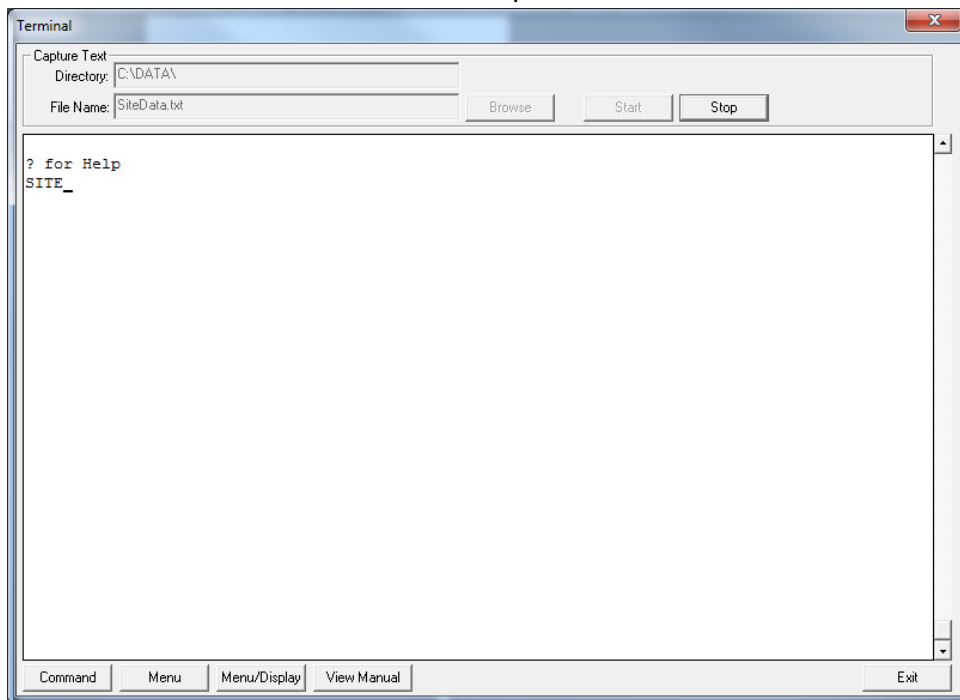
## Extracting transmitter settings

1. Specify a new file name for the transmitter setting data.

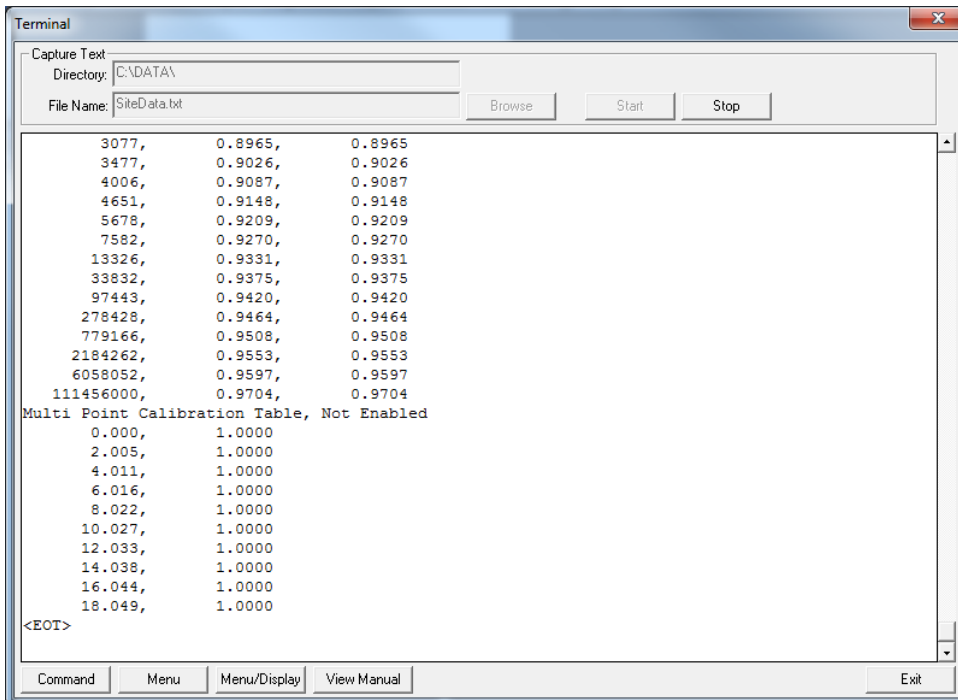
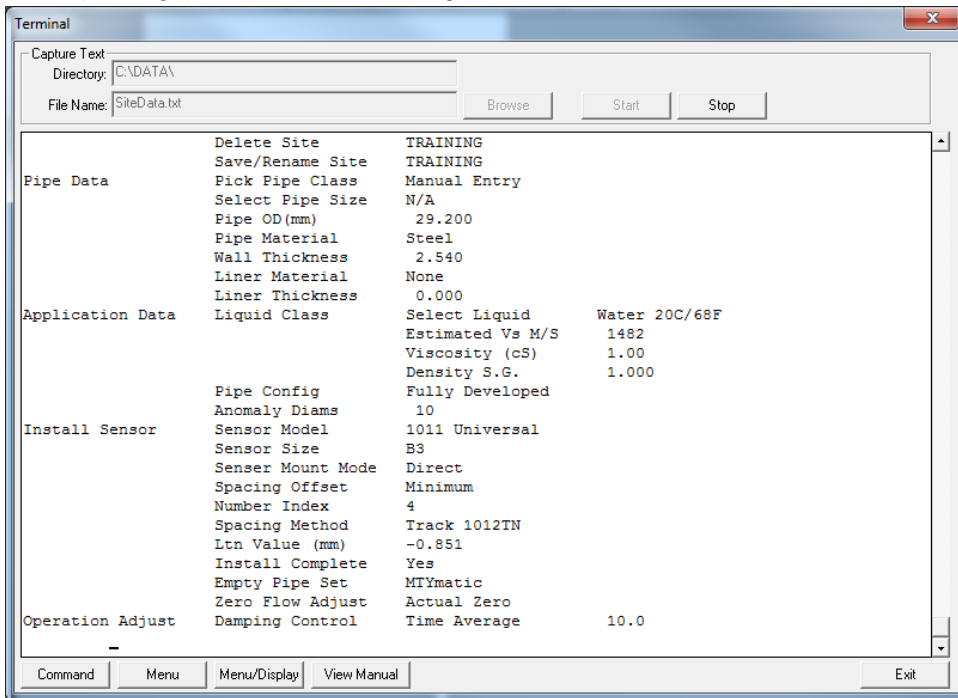


2. Press START.

3. Write "SITE" in the command field and press <Enter>.



Data (settings) will now flow through the Terminal window



4. Wait for EOT and press "Stop" to close the file.



5. Open/import the file with WordPad.

