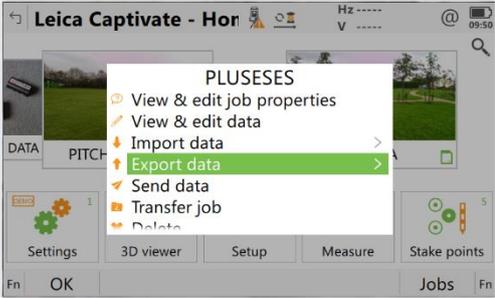
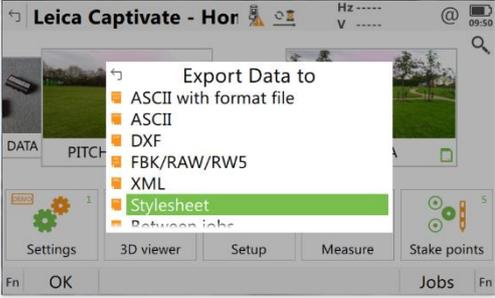
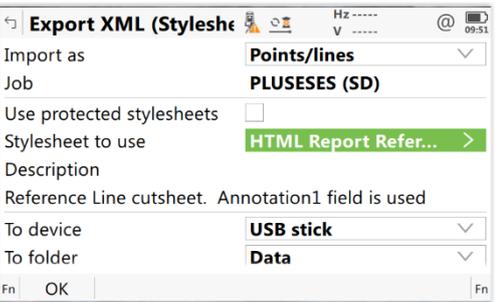


Leica Captivate Stylesheet Report

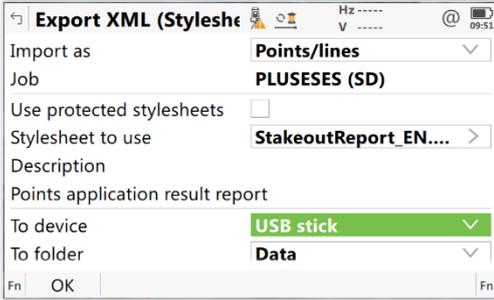
Various stylesheets exist, each giving a different report. I am going to export a simple setting out report on a list of points staked out.

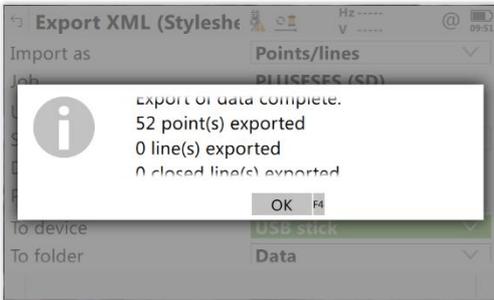
<p>1</p>		<p>As for the other exports, tap the job you wish to download and select Export data.</p>
<p>2</p>		<p>Select Stylesheet.</p>
<p>3</p>		<p>Stylesheets work much as Format files used to. You need to select the stylesheet that matches the report you are going to export.</p> <p>Tap the Stylesheet to use dropdown list and....</p>

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4		<p>.... Select the stylesheet you want. I am going for a Stakeout Report (points).</p> <p>Check the download destination To device and either press F1 or tap OK.</p>
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5		<p>A message will appear confirming the successful export.</p> <p>Press F4 of tap OK to return to Home screen.</p>
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Let's have a look at the report that has been generated. The file will be in the **Data** folder of whatever device you exported to and will have a .HTML file extension. This means it will open in your default Internet browser. I have noticed that on certain browsers, (MS Internet Explorer is one) parts of the report will be blocked. Look out for a message offering to "Allow blocked content" at the bottom of the screen.

Instrument						
Name:	TPS_2					
Model:	TS16 1" R1000					
Serial number:	3010230					
Stakeout points report						
Point ID	Date/Time	Measured X (m)	Measured Y (m)	Measured Z (m)	Position Error (m)	Height Error (m)
Pt_1Peg-	2018-04-19 09:32:24.53	126.347	244.012	10.346	0.002	0.046
Pt_2Peg-	2018-04-19 09:32:56.37	125.370	244.209	10.359	0.008	0.059
Pt_3Peg-	2018-04-19 09:33:47.04	125.161	243.239	10.346	0.004	0.046
Pt_4Peg-	2018-04-19 09:34:15.39	124.190	243.440	10.353	0.005	0.053
Pt_5Peg-	2018-04-19 09:34:57.26	123.990	242.464	10.288	0.007	-0.012
Pt_6Peg-	2018-04-19 09:35:19.39	124.964	242.253	10.297	0.006	-0.003
Pt_7Peg-	2018-04-19 09:35:51.67	124.757	241.285	10.315	0.005	0.015
Pt_8Peg-	2018-04-19 09:36:33.24	125.727	241.074	10.313	0.010	0.013
Pt_9Peg-	2018-04-19 09:37:23.76	125.936	242.053	10.323	0.005	0.023
Pt_10Peg-	2018-04-19 09:38:18.07	126.917	241.853	10.284	0.003	-0.016
Pt_11Peg-	2018-04-19 09:38:48.13	127.127	242.821	10.257	0.011	-0.043
Pt_12Peg-	2018-04-19 09:39:21.49	126.145	243.043	10.349	0.009	0.049

This is an extract of the points I set out. This will only work if you store your points during the setting out. I would always recommend that you do this; how else can you prove it wasn't your mistake if one or more of the points are knocked or tampered with? You can see that the residuals are colour coded. Green for better than 10mm

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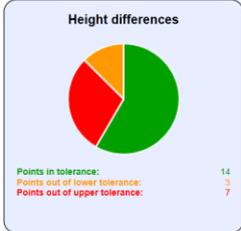
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(the accuracy set by this stylesheet) and red for over 10mm. the height errors have additional colours to show whether they are 20mm above or below the design height.

The slightly odd Point ID is down to the setting used during the setting out. Press **Fn** and then press **F1/Settings** next time you are in the program and have a look.

You will also find the **Quality Control** settings there as well.

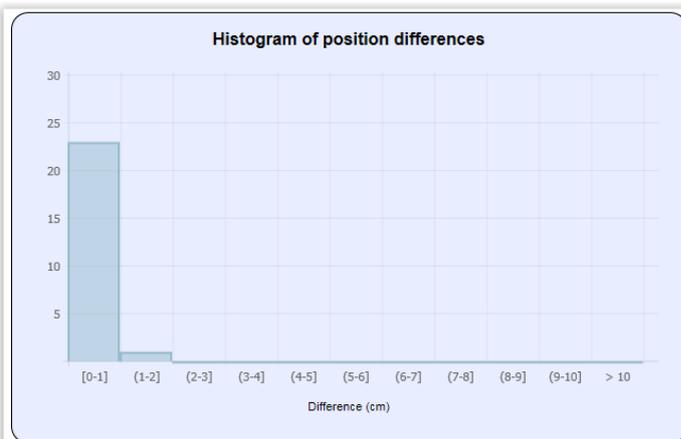
Points statistics	
Total stakeout points:	24
Total time spend:	000:37:27
Points per minute:	0.6
Tolerances	
Position tolerance:	0.010 m
Lower height tolerance:	-0.020 m
Upper height tolerance:	0.020 m
Statistics charts	
 <p>Positions differences</p> <p>Points in tolerance: 23 Points out of tolerance: 1</p>	 <p>Height differences</p> <p>Points in tolerance: 14 Points out of lower tolerance: 3 Points out of upper tolerance: 7</p>

This is the next section of report. The Points per minute is slightly unfair as it seems start the timer from the moment the instrument is switched on! Tolerances are set for the stylesheet and will overwrite any set on the instrument. The following charts refer to the tolerances shown here.

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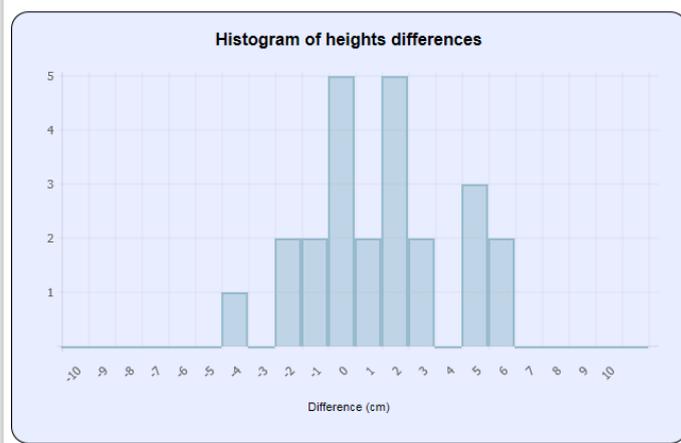
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I'm not sure why the units used here are centimetres!

A very useful graph that allows you very quickly to see the spread of your errors.

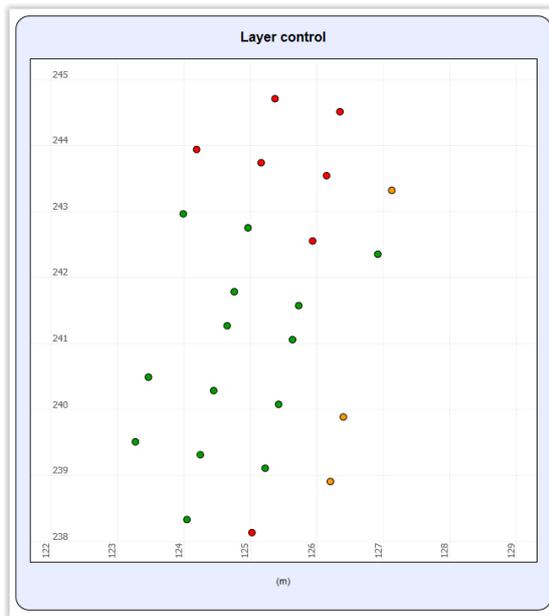


I wasn't really setting out in 3D but you can see that most of the residuals were within +/- 20mm.

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The last section of the report is a graphical representation of the points set out.

You can see the two large plus shapes on my lawn!

Colours refer back to the earlier sections of the report.

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