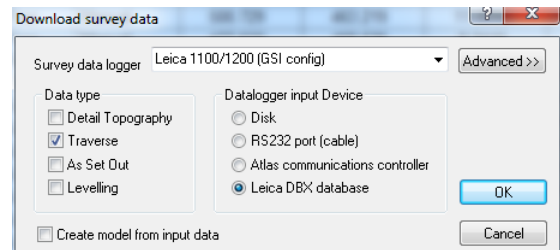


Technical note

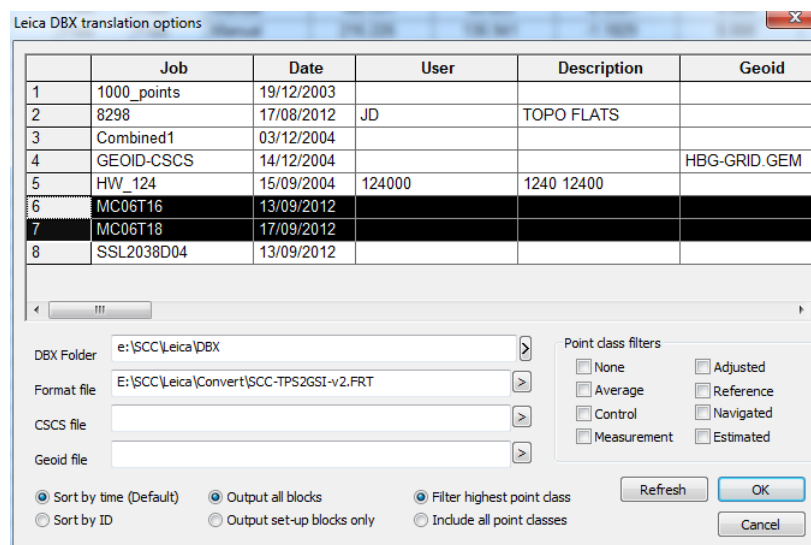
From: Shane MacLaughlin
Date: 10/1/2012
Re: Processing Leica DBX and leveling data in SCC 10.1.3

This memo covers additions made to SCC processing to support download and processing of Leica DBX data, and Leica leveling data in GSI format. The stages for downloading TPS data from DBX are as follows;

- Copy all the DBX data into your DBX folder, where the default is C:\SCC\Leica\DBX
- File / Download Survey, selecting the Leica/1200 format from DBX as shown



- Select your jobs, note multiple jobs can be selected by dragging the mouse or



using CTRL or shift keys. Ensure the correct format files is selected, e.g. SCC-TPS2GSI-v2.FRT

- Use your GSIconfig file for the download as you would for processing a GSI file exported from the instrument or LGO
- For GPS data, use the SCC-GPSXYZ-v1.FRT format file and the GPS X,Y,Z interface in SCC. Note that you can also use you own FRT files that correspond to any other supported SCC import formats.

To download and process leveling data, do the following;

- Create a new blank project
- **File / Download**, selecting the 1100/1200 GSI config logger, disk as the source, and traverse as the data type
- Pick leveling GSI file, and use your normal GSIconfig file as previously
- Select **View / Layout / Reduced levels only**

	At Stn.	To Stn.	Obs. Type	-Ht Diff.	-Err.	-Hor Dist.	-Err.	-PPM.	Remark	-rHt-	-rD-
1	U52/03	C152/101	Ht. Diff only	0.1503	0.0000	0.000	0.0000	0.0000		0.0000	0.0000
2	C152/101	C152/102	Ht. Diff only	-0.4036	0.0000	0.000	0.0000	0.0000		0.0000	0.0000
3	C152/102	CP01	Ht. Diff only	-0.7229	0.0000	0.000	0.0000	0.0000		0.0000	0.0000
4	CP01	U52/01	Ht. Diff only	-0.3918	0.0000	0.000	0.0000	0.0000		0.0000	0.0000
5	U52/01	CP02	Ht. Diff only	-1.2022	0.0000	0.000	0.0000	0.0000		0.0000	0.0000
6	CP02	C147/02	Ht. Diff only	0.3789	0.0000	0.000	0.0000	0.0000		0.0000	0.0000
7	C147/02	U52/01	Ht. Diff only	0.8247	0.0000	0.000	0.0000	0.0000		0.0000	0.0000
8	U52/01	C152/102	Ht. Diff only	1.1151	0.0000	0.000	0.0000	0.0000		0.0000	0.0000
9	C152/102	C152/101	Ht. Diff only	0.4038	0.0000	0.000	0.0000	0.0000		0.0000	0.0000
10	C152/101	U52/03	Ht. Diff only	-0.1504	0.0000	0.000	0.0000	0.0000		0.0000	0.0000

- Select **Edit / Adjust**, picking a level adjustment only

Note that you could also use File / Append a traverse to add these height differences as extra observations onto an existing total station traverse.