

Logger Changes October 2012 to Sept 17th 2013

1. Added Screen help line in Levelling once F/S is taken.
2. I see I had left some print statements in the Horizontal alignment when calculating. Removed them
3. Horizontal Alignment gave divide by zero error if no transition in, but transition out. Problem located and corrected.
4. When placing co-ordinates, if you selected to edit the co-ordinate and try to store Logger crashed. I had made change in April 2012 to allow an extra field to be carried while placing but did not see this section in placing that should have been updated as well. Corrected and checked.
5. Setting out Road edges showed LHS as + if had a CL Offset defined. Value shown was correct just sign wrong.
6. Removed the "-" separator on the screen when in Road edge setting out. Confusing users who think it's a minus sign.
7. In Refline / Strings changed the Dz heading to reflect height difference as Difference between Place/Checked Z and Design Z. Was the other way round.
8. Added option in Pipes setout menu to also store place/checked points (CYXZ) to reduced tache file so that the fieldbook results can be easily uploaded to PC.
9. Some users mentioned that when doing large tache surveys, data storage seemed to slow down once they got to about 200 points. I see I had previously closed the file after storing each shot. In older versions that did not have the problem, the file was left open. I have reverted back to the older version and removed the line that closes the file after each shot is taken. Tested and seems to be better now and so far no errors.
10. Removed Warning message that came up each time road widenings were encountered. Seems there are many users now with data that contains many road width changes and the message was annoying.
11. Removed display line in the horizontal alignment calcs as was displaying element info and maybe misleading.
12. Added Nikon Nivo instruments to the menu.
13. Changed decimal display for move left/right in setting out to reflect no decimals selected.
14. Added option in Place/Setout to store to YXZ to reduce tache file as well. Speeds up office work.
15. Added Option in Place/Setout for user to alter point name when storing to fieldbook as well. Proves useful for land surveyors when wanting to place a beacon, and then they actually find it. Allows them to rename on the fly.
16. When looking for points using the / or space bar, user had option to scroll through list or press L to look. If no point was found or selected in many cases Logger would crash. Problem would arise in any routine where user used this option. Problem located corrected tested and seems to be fine now.
17. When doing Profile Levels/Layer Checks if you entered a bench Mark Logger was not checking immediately to see if it existed. Only after entering offsets and thicknesses etc did it check and at that stage if you needed to change to another file (control) for example, it was too late, and you had to go back to the start and change file and re-enter all the offsets and tolerances again. Corrected. Now Logger checks immediately for the existence of the point .
18. Also in Profiles routine changed it so that if you escaped from defining offsets Logger will now take you back to the layer thickness definitions. Up to now was impossible to escape back up the list without crashing the system.
19. If user setout profiles and had a travel defined, and then went immediately to do layerchecks the level reports were out by the value of the travel. Problem caused when travel was set to a global variable. Now forced to zero each time you come into the routine.
20. Added option in Layerworks checks to define a set off parameters for Thickness, D90 and DMax values as some users have different definition sets for their jobs. Once defined they can be called back and used at any stage. Just saves having to remember all these settings.
21. Added option in Erase Job to delete the layerworks Tolerance check file

22. Noticed that Logger would not allow users to view edit Horizontal Alignment points. I see I had remarked that whole section out as hit a memory issue. Moved routine to another module and working again.
23. 1. Corrected error when saving to Fieldbook that occurred only when users used the beacon editing option. It also caused other routines like "Profile Poles" to crash. Error would only have only occurred in version issued between 10th March and 21st April 2013.
24. If user chose to create "Layerworks Tolerance Check File" and exited it went straight to setting out profiles. Corrected and now loops back to correct input screen.
25. Problem when doing layerworks checks with level. Sometimes if you chose to swop jobs to get a bench mark from another file Logger would get into a loop. Problem located and corrected.

May 2013

26. Changed default download drive to M. Internal drive of the Psion. Was set to C:. Now with new downloading option data needs to be stored into Internal drive before being downloaded.
27. Added option when doing Tolerance Checks to save data as both Logger Format and export to Road Maker XX1 format. This is a huge change and now saves users a lot of office time editing.
28. Added option to Delete XX1 file from Job
29. Added option to delete Tolerance check file from job.

July 2013

30. Problem when doing levelling Logger was not displaying starting point's elevation. Problem found and corrected.
31. Offset Polar option added to Polar. Requested by Land Surveyors doing sectional Title work where they use this function often

September 2013

32. Noticed that when doing FIX the observed point's names were not being stored in the fieldbook. Problem came in with change I made in April 2013 to allow users to change the name of the placed beacons after placing. Problem located, corrected and tested. Seems fine now.
33. When using Fix and you setup at a **Known Point**, the elevation being used was **NOT** that of the **Known Point** but the Z calculated from the points you were checking to. That's assuming you took distances and verticals as checks. Corrected.
34. Downloading Coordinates using the new Serial Download option was not allowing user to download CSV or TAB delimited file formats only Space Delimited. Corrected.