

Notes from SOUL Lien List Presentation

January 02, 2024

Notes from feedback received during the [SOUL Lien List presentation](#) given on 21dec2023:

1. Al will take the lead for compiling a 'list of potential minor upgrades' (CR_DX_LUCI_127)
2. Regarding L_01B - Firmware fix
 - a. Al will ping Enrico about the new firmware Microgate has developed.
3. Regarding L_01B - Zero slope workaround (“Gopt rewrite”)
 - a. Turning on Gopt rewrite is required (i.e., it is not the default behavior)
 - b. But most (all?) AO operators enable it at the beginning of the night.
 - c. So far it is not known if the workaround has actually prevented a ZS event (i.e., a case where the Gopt value had been corrupted but the rewrite avoided a ZS fault)
 - d. As of this writing, no ZS problems have been reported since we started using the workaround.
 - e. This lien will stay closed, but possibly the related IT should remain open.
4. Regarding L_01C - Negative Intensity
 - a. Alessandro will be establishing a test set-up on the mountain.
5. Regarding L_05 - Perform flux calibration on sky
 - a. This lien can be closed (done 30dec2023).
6. Regarding CR_DX_LBTI_098 - Bin4 delay
 - a. This is a big deal and should move up in priority.
 - b. It's complete for some focal stations, but not all.
 - c. We (LBT) need information from the SOUL team on how to do that.