



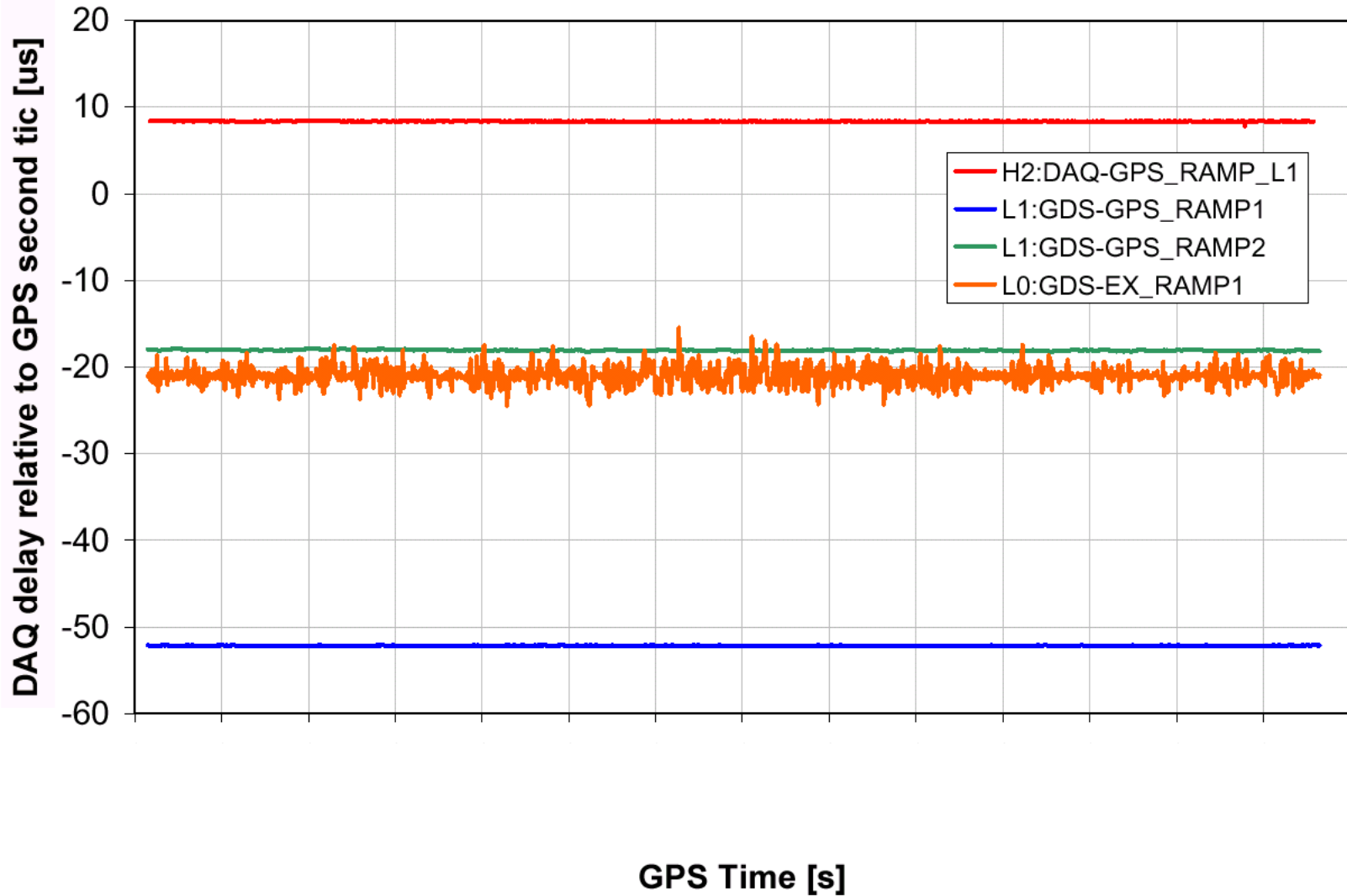
Timing Precision

LSC meeting, August 14, 2001
Daniel Sigg, Szabi Marka



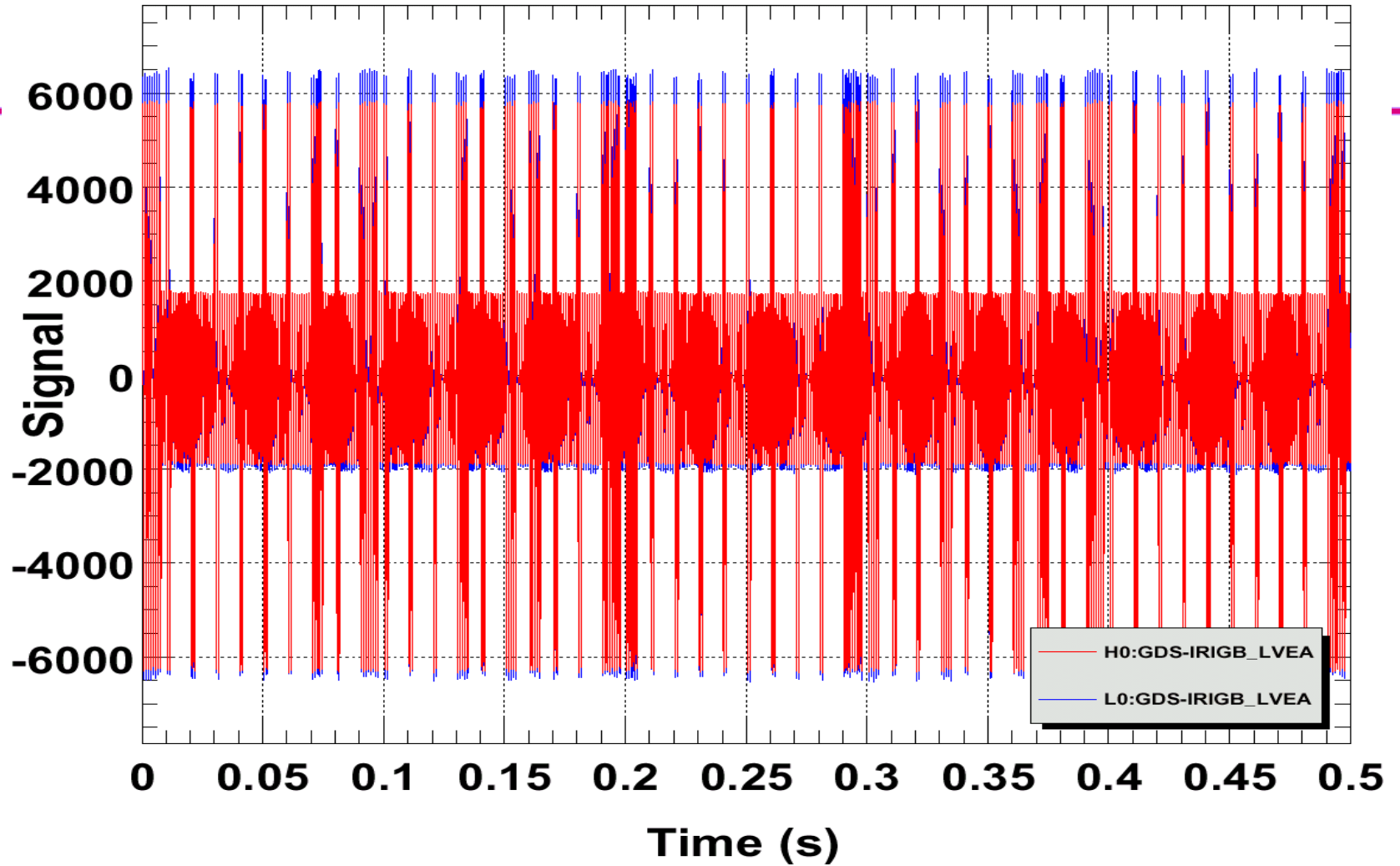
Ramp Signal

E5 DAQ Timing Shift Trend (Friday-Saturday morning)





IRIG-B



T0=10/03/2001 01:38:07 Avg=1



Precision/Accuracy

- ❑ Relative Accuracy:
 - Ramp: +/-100ns (data collection units)
 - IRIG-B: ~70 μ s (E5: between LLO and LHO)
- ❑ Absolute Precision:
 - Atomic clock?
 - Independent GPS?
- ❑ Next:
 - Timing boards
 - Include the LSC/ASC systems