

SOP FOR HIGH TIME VISIBILITY MODE WITH GSB

IMPORNTANT :

This Mode is only works with TRIAL version OF GSB.
DasConsole of TRIAL can be used to run this mode.

PROCEDURE :

1. From astro8 as a observer give following command
`ifr_gui trial`
2. Click GSB_CONFIG from GUI, and select following settings combinations :

`GSB_LTA = 4,`
`GSB_ACQ_BW = 16,`
`GSB_CHAN_MAX= 256,`
`GSB_STOKES = Total_Intensity,`
`GSB_BEAM_1 = OFF,`
`GSB_BEAM_2 = OFF,`
3. Start acq on gsbm1 machine (1st window) and wait till it says "READY FOR INIT".
4. Start sequentially sockcmd (gsbm1), HT-GATHER (gsbm2), (second and third windows respectively from ifr-dasconsole).
5. Wait till HT-GATHER says "READY FOR INIT".
6. Start gsb-sockcmd (gsbm2) and collect (gsbm2) machines (4th and 5th windows from ifr-dasconsole).
7. Start "gsbdassrv" from online machine terminal.
8. Init das chain with "cmode = 12" from user0 terminal.
`allant;cmode = 12; tpa(11)= 15; initndas '/temp2/data/gsb.hdr'`
9. Wait till acq gets the GPS pulse and HT-GATHER Starts data acquisition blocks.
10. Init project from user0 terminal.
`allant;subar 4;prjobs 'GMRT';prjtitle 'TEST';initprj(15,'TEST')`
11. In to a last record window (ifr-dasconsole) use following format to record data :
`TEST /mnt/gsbifrddata2/gsbuser/20Nov11/test_125ms.lta`
`TEST /mnt/gsbifrddata2/gsbuser/20Nov11/test_1s.lta 8`
12. Use regular commands to start and stop das scans as per requirement.
13. Log-in to gsbm2 as gsbuser to check lta data. The commands like `ltahdr`, `tax` and `dasmon.pl` are working.

NOTE :

While running tax please monitor for "Buffer Loss / Missing Blocks" at gsbsockcmd,collect, and record programs on gsbm2.