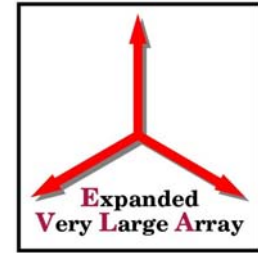


WHAT IT TAKES TO RUN DIGITIZERS OUTSIDE OF ANTENNAS

(I THINK)



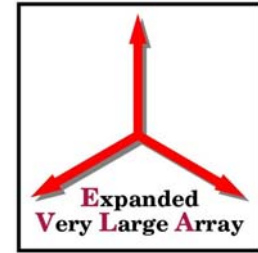
BASIC REQUIREMENTS



- Clocks and timing derived from same reference used by correlator.
 - Power and cooling.
-



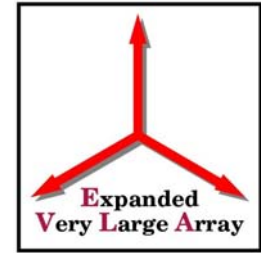
DTS COMPONENTS



-
- Full DTS modules.
 - Subrack with cooling.
 - 48v power.
-



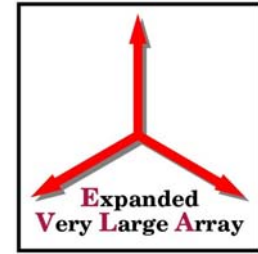
OTHER ANTENNA MODULES



-
- Power supply.
 - L300 for 2048 and 4096 MHz clocks
 - L305 for 128MHz and time code, 512 MHz for L300.
 - L304 (maybe).
-



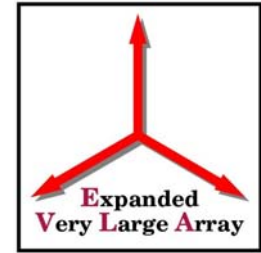
CONTROL BLDG MODULES



-
- L350 Master reference for correlator timing and clock, reference for L305.
 - L353 (maybe).
 - Deformatters.
-



OTHER



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- Cables.
 - Bins, Rack.
 - Noise source(s). Uncorrelated or correlated signals?
 - Software.
 - Time to identify, configure, test, ship and set up all of this.
-