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# EVLA Data Processing PDR

## Charge to Panel

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# PDR Guidelines

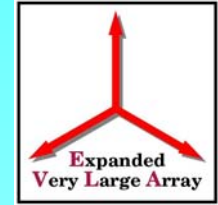


The purpose of the PDR of an EVLA Subsystem is principally to review 3 questions:

1. Are the top level performance requirements for the subsystem complete and adequate?
2. Have the correct design solutions been selected for study and development during the EVLA Design Phase? Are there important alternate solutions that are not being studied.
3. Has an adequate procurement plan been identified for the subsystem?



# EVLA Schedule



- **Start installation of fiber optics cables on Y** Q4 2002
- **Prototype EVLA system lab integration and test** Q1 2003
- **Install prototype EVLA system on EVLA Test Antenna** Q2 2003
- **Start EVLA electronics production** Q4 2003
- **Start retrofitting 7 antennas/year with new system** Q2 2004
- **Start observing in “transition” mode** Q2 2004
- **Test of prototype correlator on 3 or 4 antennas** Q4 2005
- **Start outfitting new correlator room** Q2 2006
- **Start tests of first correlator subset at VLA** Q4 2006
- **First “shared-risk” science with new correlator subset** Q2 2007
- **Last antenna retrofitted to EVLA design** Q1 2008
- **New correlator declared “operational”** Q1 2009
- **Last EVLA receiver installed** Q1 2010