Background Information
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• Purpose of review
• Management chart
• Project status and schedule
Purpose of Review

- For overall system, hardware and software:
  (1) Are the top level performance requirements for the system and subsystems 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?

- For Fiber Optics Subsystem: same questions.
  In addition, CDR for fiber selection.

- Detailed PDRs for other subsystems planned over next 2 months.
Project Status

• Construction approval by National Science Board on 15 Nov., 2001. Funding expected at $ 5+ M/yr.
• All areas of the project currently in requirements definition, design and prototyping phase. Transition phase compatibility a significant design driver.
• PDRs for all subsystems by Mar 2002
Project Schedule

- Install prototype EVLA system on EVLA Test Antenna(s) Q2 2003
- Start EVLA electronics production Q4 2003
- Start retrofitting 7 antennas/year with new electronics 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