

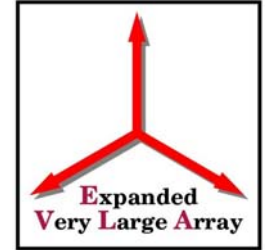
EVLA Correlator CoDR

P. Napier

Overall EVLA Project Plan



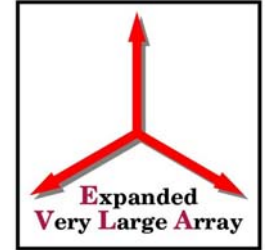
EVLA Project Status



-
- Project currently funded by NSF for planning work.
 - Expect construction approval by National Science Board on 14 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.
 - Key requirement for this correlator review is to ensure that the requirements are complete and understood.



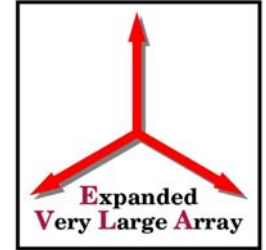
EVLA Schedule



-
- **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**
 - **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**



Correlator CoDR Review Committee



- Reviewers External to the EVLA Project:
 - B. Anderson, Jodrell Bank Observatory
 - R. Escoffier, ALMA project
 - F. Schwab, NRAO Scientific Staff
 - J. Webber, NRAO CDL
- Project Manager: P. Napier
- Project Scientist: R. Perley
- Systems Engineering: J. Jackson, G. Hunt
- Interfacing Subsystems:
 - M/C: B. Sahr
 - Fiber Optics: S. Durand
 - IF: T. Cotter
 - Data Management: T. Cornwell
 - Civil Engineering: G. Stanzione