

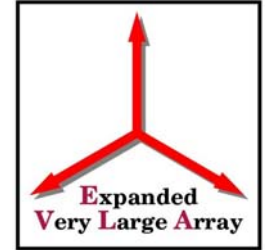
Background Information

P.Napier

- Purpose of review
- Management chart
- Project status and schedule



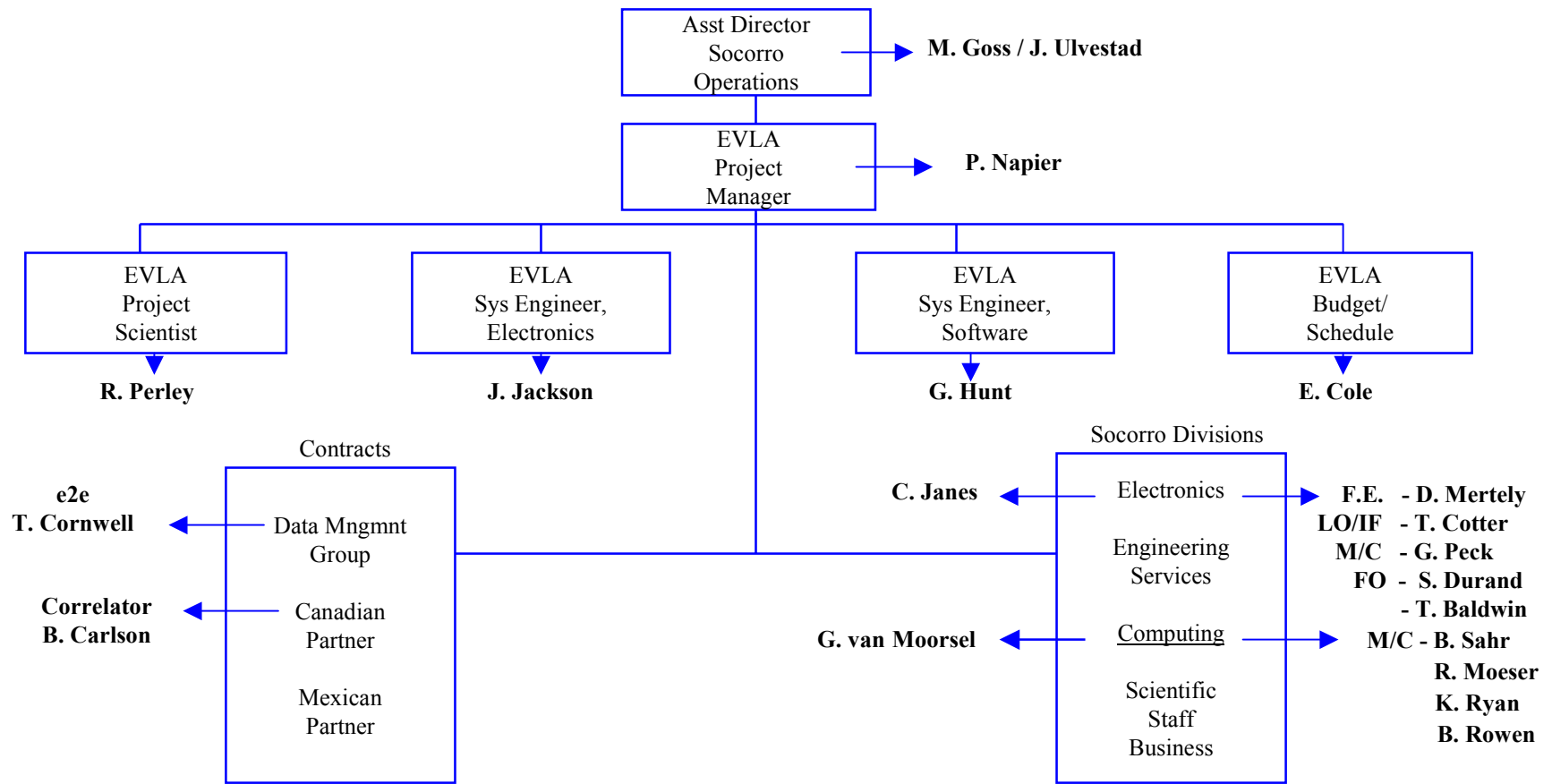
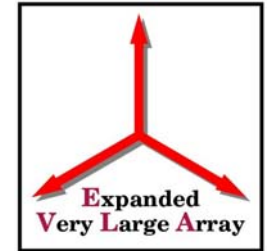
Purpose of Review



- 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.

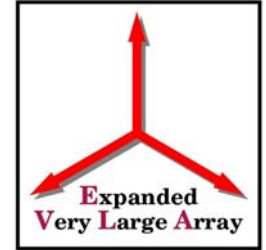


EVLA MANAGEMENT CHART





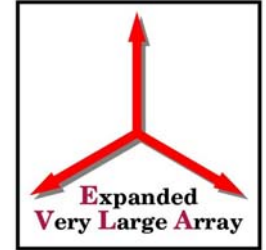
Project Status



- 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



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- **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**