

EVLA M&C System Milestones, as of 08/29/2001

05/01/2001	Official start of project
11/2/2001	Correlator Conceptual Design Review (CoDR)
12/3/2001	EVLA System PDR (Preliminary Design Review)
02/01/2002	M&C Software PDR (project start + 39 weeks)
Aug 2002	Begin installation of fiber optic cable. No Antennas connected.
01/02/2003	M&C Software CDR (Critical Design Review) (project start + 86 weeks)
01/02/2003	Test & Development Support for Enhanced Antennas Ready (project start + 86 weeks)
Apr 2003	Testing of 1st Enhanced Antenna (EVLA Antenna) to begin. The testbed will be an antenna, pad, and computer hookup with a full network connection.
Jul 2003	Begin interferometry tests using an EVLA Antenna and a VLA antenna
Oct 2003	Freeze Electronics design work. Begin production.
Mar 2004	Start Installation of new IF/LO/FO system on antennas at the rate of 7 antennas/yr. Full M&C capabilities available.
04/08/2004	Full Support for EVLA Antennas (project start + 151 weeks)
Note. Currently there is a mismatch between the Mar 2004 date for full M&C capabilities and the date of 04/08/2004 for full support of EVLA antennas.	
Q2, 2004	Correlator "user manual" to be available. The user manual is meant to document the correlator boards to a level sufficient for initial development of device driver code.
Q3, 2004	Correlator PDR
Q2, 2005	Begin work on correlator room at VLA site
Q3, 2005	Prototype 3 baseline correlator available at VLA. This equipment will remain at the VLA site. Software for the test correlator must be ready by this date.
Q4, 2005	Correlator CDR
Dec 2005	Correlator chip production to begin
Q2, 2006	Begin outfitting correlator room at the VLA site.
Q4, 2006	System integration & testing of the correlator in Penticton. As the system integration and testing proceeds, it is possible that delivery of correlator boards may begin, allowing installation of some functional fraction of the correlator at the VLA site. This milestone must be tracked w.r.t. preparation of test software for that portion of the correlator installed at the site.

Q4, 2006 M&C system ready for archive. (This date requires further thought & refinement.)

Dec 2006 Earliest possible start of tests, at the VLA site, of a partially complete correlator.

Q2, 2007 Earliest possible date for observing/science to be done with partial EVLA correlator. Correlator software capable of observing must track this date.

Q4, 2007 Begin installation of full WIDAR correlator at the VLA site.

Q4, 2007 Begin system integration & testing of full EVLA correlator at the VLA site.

Q1, 2008 Full EVLA correlator available for test observing using EVLA antennas.

Mar 2008 Last VLA antenna converted to EVLA antenna.

Q1, 2009 EVLA correlator fully on-line. Begin full operational testing.

Q4, 2009 New correlator fully operational. Old correlator shutdown.

May 2010 Last new receiver installed.