

The Long Wavelength Array 1+Pre-SRR Technical Meeting

September 21, 2007

8:30 a.m. – 2:30 p.m.

UNM's Science & Technology Park North

801 University Blvd. SE, Rotunda Room

Albuquerque, NM

Agenda

The purpose of this meeting is to discuss the LWA1+ subproject, which should produce at least one station in ~18 months, with the possible addition of two more (perhaps partially populated) stations. We will focus on the details of the requirements, the technical design, and the path by which we work toward the proverbial 'stake in the ground'. We encourage constructive discussion during the presentations. There will be a working lunch served during the Technical Work presentations.

0830 Scientific Requirements (Tracy Clarke, NRL/Interferometrics; Clint Janes, UNM)

It should be noted that the requirements for LWA1+ are not a simple subset of those for the LWA as a whole, because they give more emphasis to stand-alone station operation. We will discuss the status of the process to determine and document these requirements.

0930 System Architecture Review (Steve Ellingson, VT)

We will present the current status of the technical design for the station.

1000 System Engineering Processes (Janes)

We will discuss the procedures by which we will be executing the project.

1030 Status of UT-ARL Technical Work (David Munton, ARL)

1130 Working Lunch

1135 Status of NRL Technical Work (Paul Ray, NRL)

1230 Status of VT Technical Work (Ellingson)

It should be noted that, because the LWA Program funds only began flowing in the last few months, the work to be presented in these talks was largely done before that support was available.

1330 Path to SRR/PDR (Ellingson)

We will discuss the immediate milestones that we must reach, and the actions that need to take place to reach them.

1400 From Stations to a System (Greg Taylor, UNM)

Although the focus of this meeting is the LWA1+ subproject, we will close the meeting with a discussion of how this work fits in to the larger context of the LWA Project.

1430 Meeting Ends