

October 20, 2009

Attendees: GB: J.Lockman, S. White, G. Langston, A. Shelton, G. Anderson, R. Norrod, M.Whitehead, D. Frasier, T. Minter, M. Bloss

NTC: M. Morgan, E. Bryerton, J. Masters

Purpose: To determine a plan and request for commissioning the trimester 10A.

S. White reported that hardware testing and dewar construction is progressing with testing scheduled to commence by the end of November, or first of December. The plan is to perform software M&C testing, stability tests, spurious measurements, noise temperature measurements, and calibration tests.

The January telescope time is for general engineering tests, balance, signal path checks, and general sanity checks during the observing time. Maintenance can be used for software tests.

Discussion:

After some discussion the tasks and their order are: (Glen will generate a plan and assign estimated times for each task, circulate the document, then make the request.)

1. Pointing and Focus with all beams.
 - a. Sidelobe tests and measurement with continuum
 - b. Weather not a major factor
 - c. This will presumably consume the first night followed by a chance to evaluate.
 - d. Observing a strong line for sanity checks is advisable.
 - e. System temperature tests
 - f. Comparison with K4 receiver recommended
 - g. Plate scale checks.
2. Calibration
 - a. Eight hours
 - b. Good weather
 - c. 3C286 a candidate.
3. Spectral Baseline
 - a. If things progress well early, there may be time to perform initial checks the first observation.
 - b. No continuum
 - c. Taurus a good candidate
 - d. This requires good weather
 - e. Earlier in February is better to allow for problem solving.
4. Software Tests.
 - a. These need to be performed during early commissioning when the receiver is installed. Maintenance time can be used for these tests.
 - b.

5. Wideband Spectrometer Mode Testing
6. Action items
 - a. Roger will generate a beam offset table
 - b. Glen will generate a test plan.
 - c. Glen will make the commissioning time requests