

National Radio Astronomy Observatory

12-m Telescope Meeting No. 13

August 4, 1981

1. Present: CV - H. Hvatum, J. Findlay, W-Y. Wong
L. King, J. Lagoyda, J. Marymor
GB - G. Peery, R. Moore, A. Steinemann,
S. Smith, J. Ralston, D. Madron, D. Stone
TUC - M. Gordon, J. Payne, T. Hamed, D. Ross
SOC - W. Horne

2. Memos checked (HH)

Nos. 55, 56, 58, 59, 60 and 61 are all OK.

No. 57 (The Statement of Work) was agreed. It has gone to ESSCO and to NSF.

Note: After the meeting HH checked with NSF--the ESSCO contract is approved and a letter is on its way to us.

3. Manpower

WGH's memo No. 62 and JWF's verbal report on a meeting at GB on July 22 were discussed. The following seems to be OK:

From GB we can get four of the five men of the telescope mechanic/rigger type--probably two from F. Crews and two from Al Steinemann. Tucson will plan to send one (S. Sullivan). WGH's time estimate for BUS assembly is about four weeks. JWF now suggests that the same crew continues work and places all surface panels on the BUS. (This should be done in about two weeks.)

The crew would then reduce to two, plus JWF, plus one engineer for the setting of the surface. This may need six weeks. (The PERT shows eight, but I was planning then to emplace and set panels, two at a time.) The full crew returns for disassembly, packing, and shipping. Manpower at Tucson has not yet been planned.

Supervision

D. Madron was suggested as a BUS assembly supervisor (with WGH as a back-up). HH will integrate with GB's tasks for the U.S. Navy.

JWF/WGH together will work on the panel attachment method and the required metrology.

4. BUS (L. King)

Design work goes ahead. One draftsman already at work. Lee King has first figures on weights, moments of inertia, gravity deflexions, and results of some thermal analysis. These he is putting into Memo No. 63, so they are not listed here.

5. Electronics

There is a need for good information exchange between Tucson and Lee King. Tucson has made a model of the center of the BUS (photographs were looked at). It might be wise to make a model in CV as soon as possible.

6. Surface Measuring (JWF)

First designs for the reference jig are being made and a template design is starting. D. Schiebel has built an interface to pass data from a 9825A via 9-track tape to the 360, and W-Y. Wong will try this out.

7. Administration (HH, J. Lagoyda)

Accounts are being set up. HH is reworking a budget.

JWF/pj