

National Radio Astronomy Observatory

12-meter Telescope Meeting No. 5

May 19, 1981

1. Present:

CV - H. Hvařum, T. Riffe, M. Balister, L. King, W-Y. Wong
GB - J. Findlay, R. Fisher, J. Payne, G. Peery, T. Hamed
TU - M. Gordon, D. Ross, P. Rhodes, D. Webb
SO - W. Horne

2. Memo Review (HH)

Nos. 31 and 32 - OK

On No. 33 - Payne optics

WGH - ESSCO focal length is 200". JMP in No. 33 has used both $f = 5.08$ m (which after about 5 minutes discussion was agreed as being equal to 200 inches) and $f/D = 0.4200$. This was noted.

3. Surface Procurement (TRR)

Letter requesting expression of interest ready to go today.

WGH - Take out the mean ϵ_1 from the RMS.

JWF - It is correct to have it in since it represents a uniform displacement of the plate parallel to OZ. Equally, that whole section of the paper is clearly an example, not a requirement.

MAG - We inspect the plates? - Yes.

Is the \$150,000 our estimate? - Yes, but may be changed to \$160,000 (packing crates, etc.).

TRR - Can the letter go? - Yes, except for some doubts from MAG which the recorder missed.

TRR & WGH - What is missing from the budget? - Support items for GB pre-assembly, the measuring template and inspection travel costs. These may be ~\$14k.

TRR - \$14k is in the noise at present.

HH & TRR - Contract date should be in time for ESSCO (mid-June) but cannot be (TRR) till August. This is a problem.

WGH - Don't write to E-Systems or Toronto Iron.

4. The Measuring System

JWF has now described it fully to JMP, J. Ralston and others. It will be written up within a few days and circulated.

5. The BUS - WGH

Sketches have been made and circulated. Details of panels, etc., have not yet arrived from ESSCO. WEH has examined the support bolt problem and it looks OK. ESSCO mounts will also be looked at. WYW has a structure also in work which he will write up before mid-June.

6. Building Changes at KPNO

Will be managed by Tucson; may take about 3 weeks to do.

7. PERT

HH is updating. MAG repeated his request that PERT shows somewhere the manpower needs.