

National Radio Astronomy Observatory

12-M Telescope Meeting No. 3

April 28, 1981, 1400 EST

1. Actions Since Meeting No. 2: Since meeting No. 2, HH had discussed the NRAO plans at the NSF and with AUI. At the scientific staff meeting on April 22, M. S. Roberts announced that we intend to carry through the planned improvements to be 36-foot telescope.
2. Present: M. Balister, J. W. Findlay, J. R. Fisher, M. A. Gordon, W. G. Horne, H. Hvatum, L. King, G. R. Peery, P. Rhodes, D. Ross, D. Webb, W-Y. Wong
3. H. Hvatum: Suggested that the project could be funded with perhaps \$260k in the present year and the balance in 1982. This should permit starts on both the surface and the reflector structure.

He hopes T. Riffe will oversee the business matters, using Dale Webb as assistant. It is possible that we may be allowed to buy the surface from ESSCO as a sole source vendor. This would make our task much simpler.
4. The Surface: WGH has asked ESSCO for details of surface panels, sizes, mounting hardware, etc. WGH and JWF will together prepare a specification and description of what we would intend to purchase. They will also prepare a measurement plan and method for ESSCO to use in their panel testing. Such a plan will be prepared in conjunction with ESSCO.
5. The Back-up Structure: WGH and Lee King have a design in work. W. Wong has also prepared a design. Both these need to be considered-- particularly with respect to the electronic needs.
6. Pre-assembly: The possibility of working at Green Bank was raised--JRF will consider this further. JWF has looked at the warehouse--it is large enough but, of course, well-occupied with various equipment and supplies.
7. PERT: A first-shot PERT chart was discussed. HH hoped that we might contract with ESSCO by the end of May. The PERT (see Memo No. 21) suggests completion by July, 1982, but testing may be delayed by the Tucson monsoon.
8. Dish Size: Memo No. 22 by Dewey Ross had only just arrived and would be discussed next week.
9. Next Meeting: HH (Memo No. 20) has scheduled weekly meetings every Tuesday at 1300 EDT till further notice.