

National Radio Astronomy Observatory

12-meter Telescope Meeting No. 15

September 1, 1981

1. Present: GB - G. Peery, J. Ralston, D. Madon, R. Moore, T. Hamed
CV - H. Hvatum, J. Findlay, W. Horne, L. King
TUC - M. Gordon, D. Ross, J. Payne
2. Memos
 - No. 69 - Project numbers. Commitment authorities for:
2911 through 2913 - B. Peery, R. Moore
2914 - M. Gordon
 - No. 70 - ESSCO Contract. No comment.
 - No. 71 - (JMP) - Selection mirror--generally OK. Needs a polished surface for laser alignment.

At first two existing receivers will be mounted on the telescope.
Later four will be mounted when they have been repackaged.
3. The Surface
 - (a) Surface panels - ESSCO going ahead.
 - (b) Reference jig - All OK.
 - (c) Interfaces at the dish center. JWF, WGH, etc., will discuss.
4. Tucson - The present structure has been well photographed and copies will go to CV and GB.
5. Back-up Structure LK and WGH - Hub almost complete. Whole structure will be done by end of next week.

WGH has made a draft copy of specifications. WGH will circulate this as a memo--anyone can comment. We will discuss at the next meeting.

MAG wants the quadrapod to go out to the edge of the dish to reduce the shadowing. Long discussion on this.

MAG will look at shadowing, but it may be too late to change design.
6. Electronics Interface - JMP is happy with optics and geometry working down to 30 GHz.
7. Schedule HH - Memo No. 61 - Looks OK. BUS is on time. Other items appear to be somewhat ahead.