

Interoffice

12 METER MILLIMETER WAVE TELESCOPE

MEMO No. 58

National Radio Astronomy Observatory

Charlottesville, Virginia

July 21, 1981

To: 12-m Project Group

From: H. Hvatum

Subject: 12-m Telescope Meeting No. 11

Since there are no official minutes of the June 30 meeting, I hereby release my private, uncensored notes.

Attachment

①

810630

12m meeting (in CV) 0900

Lee K, John Ralston, John Payne, Bill Horne, H.H., Buck P  
John WF.

Suggested agenda:

- (1) BUS { WYW  
VLA  
ESSLO
- (2) Surface panels
- (3) Schedule, manpower
- (4) Other

Notes:

- (1) Meet on phone 1300
- (2) Sandw. for lunch:
- (3) Travel plans to morrow
- (4) Next of to f meetings

BUS:

- Must design and build a true support structure for the BUS in GB in order to check on the thermal behavior of the "whole" system.
- Must ~~to~~ consider what has to be done to replicate accurately the panel position ~~into~~ from GB presson to Tucson final assy.
- Lee will design the support bracket for the test assy.
- Buck will look at, and prepare the warehouse for the test assy
- Lee will do (1) Gravitational analysis of Bill's concept and (2) A thermal analysis

②

Plan only cost

- Decision: Go ahead with Home/King design  
All members agree to this decision.

Surface panels

- Negotiating team will visit Essco July 14
- (Accept panels  $\leq 35\mu\text{m}$  reject panels  $> 45\mu\text{m}$   $35\mu\text{m} < \text{run} < 45\mu\text{m}$  gray panel and fiddle around.) No agreed to only use  $> 45\mu\text{m}$  = reject. We are ~~now~~ talking about their ~~measure~~ way of calculating runs
- John R. do reference jig design, starting now.

Manpower

- John R, Don St, Tonitt almost full time until fall. Sid Smith about 1/2 time
- Need 3 (4) draftsmen in CV starting August 1 for one month. Buck will take care of this.

(3)

510630

12m meeting cont.

- Need four (4) men to assemble BUS in Green Bank. (Stan Sullivan from Teesm could be one of them)
- Paul R should be in GB when we test assemble and measure
- Two men to help in putting on panels

Other

- Meeting ended 1430 EDT!
- Agreed to cancel meetings 810707 and 810714 and to hold meetings every other week thereafter. (I discussed this with Bill Home and JWF only.)