Interoffice

National Radio Astronomy Observatory

Very Large Array

To: D. Heeschen, D. Hogg, J. Lancaster, A. R. Thompson, V. Herrero, L. D'Addario, R. Hjellming, P. Napier — August 26, 1976

From: B. Clark

Subject: VLA TEST OBSERVING

The observers for the test sessions in September are as follows:

August 30	B. Clark
September 7	L. D'Addario
September 13	P. Napier
September 20	R. Hjellming
September 27	D. Heeschen

Antennas 1 and 2 remain on stations CW5 (0.71 Km) and CW9 (1.95 Km) respectively. Early in September, antenna 3 will come on line at station CW7 (1.26 Km). By the end of the month, we may have antenna 4 operating at CW8 (1.59 Km). Antenna 5 will be at CW6 (0.97 Km) but not connected to the array.

BC:cb

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National Radio Astronomy Observatory

Very Large Array

September 13, 1976

To: E. Fomalont, K. Johnston, A. R. Thompson, D. Heeschen, D. Hogg, H. Hvatum, J. Lancaster, V. Herrero

From: B. Clark bgc

Subject: VLA Observing in October

The observers for October are as follows:

October 4	E. Fomalont
October 11	(no observing, waveguide tests)
October 18	K. Johnston (AJ-1)
October 26	A. R. Thompson

Antenna No. 1 will occupy station DW2 (0.045 Km) and Antenna No. 2 will be on CW9 (1.95 Km) all month. Antenna No. 3 is at CW7 (1.26 Km), but will probably be moved to DW3 (0.090 Km) during the month. Antenna No. 4 should start operating at CW8 (1.59 Km) early in October. Neither of these two antennas are operating yet, but are both expected early in October. Antenna No. 5 will be at CW6 (0.97 Km) but will probably not be connected to the array.

BC/drg

Interoffice

NATIONAL RADIO ASTRONOMY OBSERVATORY
VLA PROJECT
MAGDALENA, NEW MEXICO 87825

To: VLA Group Leaders

September 23, 1976

From: B. Clark, V. Herrero

Subject: SCHEDULING OBSERVING TIME

Starting in November, we shall occasionally schedule weekend observing sessions beginning 16:30 Thursday and ending 08:30 Monday. At least for the remainder of this year we will schedule no observing the following week, so that there will be an interval of slightly more than a week (08:30 Monday to 16:30 Monday) with no observing, for some of the more extended electronics installation and testing procedures.

Specifically, in November, we propose to observe:

Monday, November 1, 16:30 to Wednesday, November 3, 08:30

Monday, November 8, 16:30 to Wednesday, November 10, 08:30

Thursday, November 11, 16:30 to Monday, November 15, 08:30

Monday, November 22, 16:30 to Wednesday, November 24, 08:30

Monday, November 29, 16:30 to Wednesday, December 1, 08:30

Thursday, December 2, 16:30 to Monday, December 6, 08:30

There will be a tendency, but not a rule, that the long observing sessions will be devoted to astronomical measurements, and the short ones to system debugging and tests of the sort we have run to date. Also, even during astronomical measurements, we may detach two antennas for interferometer tests while the remainder continue observing.

The test sessions (and the two element tests during the astronomical sessions) will continue with a slightly different philosophy. The observer assigned the time, who will be, if possible, a VLA staff member, will be asked to be the test coordinator rather than the test designer. Those of you who need interferometer test data should get together with one of these observers and plan accordingly. Conflicts on planning large blocks of time may be mediated by us, but in the matter of rearrangements during observing necessitated by equipment failure, weather, or surprising results, the decision of the observer should be final.

BGC:cb

Distribution:

E. Callocia
D. Coombs
L. D'Addario
W. Dumke
E. Egler
R. Escoffier
E. Fomalont
R. Hjellming
W. Horne
J. Lancaster
R. Mitchell
P. Napier
L. Temple
A. R. Thompson
D. Weber
F. Wells

Interoffice

National Radio Astronomy Observatory

Socorro, New Mexico

To: R. Brown, L. D'Addario, R. Hjellming, N. Vandenberg, E. Fomalont, A. R. Thompson, D. Heeschen, D. Hogg, H. Hvatum, J. Lancaster, V. Herrero

October 12, 1976

From: B. Clark

Subject: VLA OBSERVING IN NOVEMBER

Unless otherwise noted, observations are interferometer tests, and the name is the test coordinator. All observations begin at 1630 MST on the first day named and end at 0830 on the second. Observers should allow about four hours of startup and test before the instrument is turned over to them.

November 1-3	Brown[1]	Proposal AB1
November 8-10	L. D'Addario	
November 12-15	Hjellming, Clark and Brown	Proposal AH2[1]
November 22-24	E. Fomalont[2]	
November 29 - December 1	B. Clark	

[1]Although these are primarily astronomy sessions, antennas 3 and 4 or 3 and 5 may be detached for system tests part of the time during the first forty hours if needed.

[2]Although this session is defended as a system test session, the interval 1800-2200 local sidereal time will be made available to R. Hjellming for preliminary observations pursuant to proposal AH-4 (Hjellming, Weisskopf and Novick), unless this would interfere with critical test observations.

BG:cb

To: Dick, Peter, Larry

From: B. Clark

I propose to schedule the following seven experiments in November

Nov 1-3 Brown (NRAO) and Condon (VPI)
Neutral stellar objects

Nov 11-15 Hjellming (VLA), Clark (VLA), and Brown (NRAO)
Detailed spectra of stellar radio sources
(Coordinated with Green Bank interferometer).

Both probably 4 experiments call for 3 or
frequencies on at least one baseline.

Let me know ASAP if there is any
problem.

Johnston and Wade AJ-1

Preliminary astrometric observations.

Observations to evaluate the use of the VLA for radio source positions, 6 cm wavelength, as many antennas as possible.

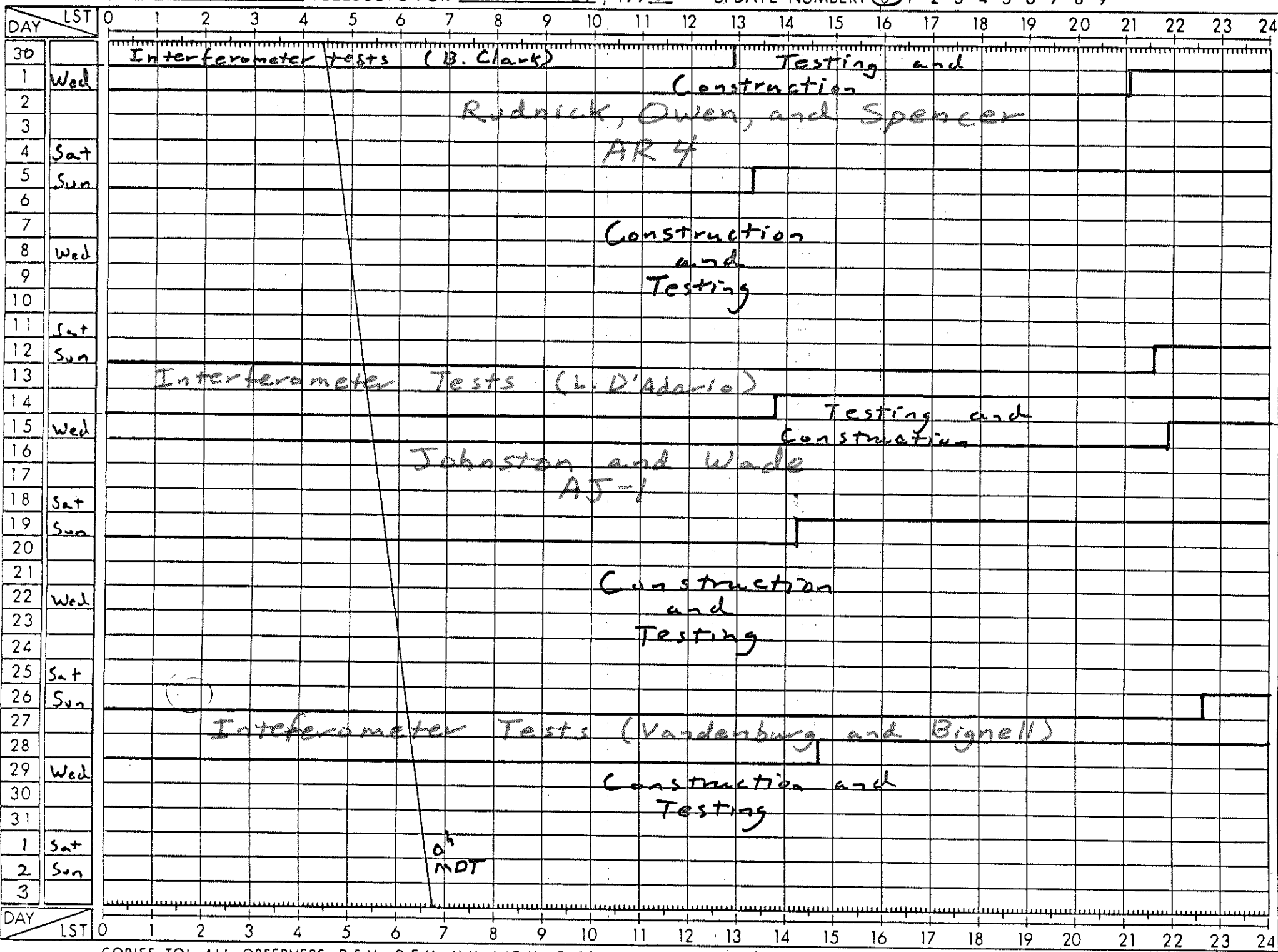
December Observing Programs

Rudnick, Owen, and Spencer AR-4

Nuclear Components in Extended Radio Galaxies

Observations of nuclear component fluxes at all four bands. The 5 km baseline is of primary interest — only there are the extended components completely resolved. 21 cm is not as important as the other wavelengths.

VLA TELESCOPE FOR December, 1976 UPDATE NUMBER: 0 1 2 3 4 5 6 7 8 9



COPIES TO: ALL OBSERVERS, D.S.H., D.E.H., H.H., W.E.H., ELECTRONICS DIVISION ( ), TELESCOPE OPERATIONS DIVISION ( ), BULLETIN BOARDS (CV ___, GB ___), COMPUTER DIVISION ( ), ENGINEERING DIVISION ( ), TELESCOPE ( ), CENTRAL SHOPS ( ).