

National Radio Astronomy Observatory  
 Charlottesville, Virginia

September 8, 1982

To: Dial-up Data Users of the NRAO Charlottesville Computer Facilities

From: Gene Runion *S.R.*

COG Memo No. 28

Subject: Dial-up Modems

The following is the current list of phone numbers and the type of modem attached to each line:

PHONE NUMBER	COMPUTER - CH.	MODEM COMPATIBILITY		TERMINAL PARAMETERS			LOCAL/ REMOTE ECHO
		ORIGINATE/ ANSWER	BELL/ RACAL-VADIC	BAUD	DATA BITS	PARITY	
296-0300*	IBM-028	ANS.	VADIC	1200	7	EVEN/SPACE <sup>1</sup>	LOCAL
296-0301*	IBM-031	ANS./ORIG.	BELL/VADIC	1200	7	EVEN/SPACE <sup>1</sup>	LOCAL
296-0303	IBM-025	ANS.	BELL/VADIC	300	7	EVEN/SPACE <sup>1</sup>	LOCAL
296-0304	VAX-TTA2	ANS.	BELL/VADIC	300	7	EVEN	REMOTE
296-0305 <sup>@</sup>	VAX-TTA1	ANS.	VADIC	1200	7	SPACE	REMOTE
296-0306 <sup>@</sup>	VAX-TTC5	ANS./ORIG.	BELL/VADIC	1200	7	SPACE	REMOTE

\* in a hunt group

@ in a hunt group

<sup>1</sup> Pandora Users - Even or space parity is acceptable.  
 CMS Users - Space parity only.

Telephone numbers 296-0300 and 296-0301 are in a hunt group, and telephone numbers 296-0305 and 296-0306 are also in a hunt group. The numbers in a hunt group is a user convenience feature of the phone system. If a person calls, for example, 296-0300, and that line is busy, the phone system will automatically ring 296-0301. If both numbers are busy, then a busy signal is returned to the caller. Please note that if 296-0301 is called and that line is busy, the phone system will not ring 296-0300.

(continued)



Calling procedure for 1200 baud users of the IBM:

1. Set your terminal parameters.
2. Determine if your modem is Racal-Vadic compatible or Bell 212 compatible.
  - a. If your modem is Racal-Vadic compatible, then dial 296-0300. You will be connected to 296-0300 or 296-0301, whichever line is free.
  - b. If your modem is only Bell 212 compatible, then you must dial 296-0301.

Calling procedure for 1200 baud users of the VAX:

1. Set your terminal parameters.
2. Determine if your modem is Racal-Vadic compatible or Bell 212 compatible.
  - a. If your modem is Racal-Vadic compatible, then dial 296-0304. You will be connected to 296-0304 or 296-0305.
  - b. If your modem is only Bell 212 compatible, then you must dial 296-0305.

Calling procedure for 300 baud users of the IBM/VAX:

1. Set your terminal parameters.
2. Dial the appropriate number.