

July 2 - STW 80

Ⓟ J 1990

DATE	PROJECT	$\lambda$ (cm)	FREQ	CAL (K)	FEEDS VERTEX	BACK END	COMPUTER PROGRAMS	REMARKS
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JULY

Mon 2 INSTALL Q BAND  
Parkes Staff

Tue 3 SiO MASERS 0.7 43.122- 1 HE Correlator SPECTRA  
 Wed 4 43.821 Rot. feed 4 x 10.0 MHz SPOT  
 Thu 5 GHz platform bands offset ZPOT  
 Fri 6 Hall, Wright, Troup 9 MHz  
 Sat 7 Wark (ATNF), Nyman,  
 Sun 8 LeBetre (SEST)  
 Mon 9

Tue 10 AT RECEIVER SYSTEM CHECKS  
 Wed 11  
 Thu 12 Parkes Staff

Fri 13 OH/IR STARS & 18 1610-1670 5-10 18cm 1 HE Correlator SPECTRA  
 Sat 14 GALACTIC CENTRE MHz hybrid for 2 IF's x 512 ch SPOT  
 Sun 15 DISTANCE 2 circ. pols bw 0.2, 0.5, SLAP  
 1.0 MHz S  
Chapman, Caswell, Killeen,  
Harnett (ATNF), TeLintel (AAO)

Mon 16 SOFTWARE UPGRADE  
 Tue 17  
Parkes Staff

DATE	PROJECT	$\lambda$ (cm)	FREQ	CAL (K)	FEEDS VERTEX	BACK END	COMPUTER PROGRAMS	REMARKS
<u>JULY</u>								
Wed 18	<b>PTI: CORES OF ELLIPTICAL GALAXIES</b>  <u>Slee, Ekers (ATNF)</u> <u>Sadler (AAO), Reynolds (MSSSO)</u>  <u>DSS-43</u>	13	2290 MHz	10	S-band rcp	PTI	PTI	<u>TIMES (AEST)</u>  1600-0016 <sup>(18th)</sup> <sub>(19)</sub>
Thu 19	<b>VARIABILITY IN</b>	75	408 MHz	10	Disk dual	Cont.		
Fri 20	<b>SELECTED REGIONS</b>  <u>Price (UNM)</u>				pol.			
Sat 21	<b>INSTALL S-BAND/COOL 640 MHz Rx</b>  <u>Parkes Staff</u>							
Sun 22	<b>PTI: ACTIVE GALACTIC CORES</b>  <u>Norris et al</u>  <u>DSS-43</u>	13	2290 MHz	10	S-band RCP	PTI	PTI	<u>TIMES (AEST)</u>  0600-2000
Mon 23	<b>GPS &amp; GLONAS</b>	20	1.4-1.47	>100	Broadband	correlator	SPECTRA	Ephemeris
Tue 24	<b>interference at 1667 MHz</b>  <u>Robinson, Cooke, Whiteoak</u>		GHz 1.610-1.614 GHz 1.660-1.670 GHz		20cm feed	10 MHz BW 512 ch. Spectrum analyser Polaroid camera		provided by John Galt, Penticton.

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JULY

Wed 25	PULSAR TIMING FOR	20	1.3-1.8	10	pulsed cal	JB filters	Own	
Thu 26	GRO COLLABORATION	50	660 MHz	0.3	at vertex for 50 cm	J. Lim filters Digitizer		
	<u>Manchester et al</u>							
Fri 27	PTI: CORES OF ELLIPTICAL GALAXIES AT HIGH FREQUENCIES	2.5	12.18 GHz		12 GHz dual pol.	PTI	PTI	<u>TIMES (AEST)</u> 0955-1700
	<u>Slee, Norris, Ekers (ATNF)</u> <u>Sadler (AAO), Reynolds (MSSSO)</u> <u>DSS-43</u>							

Sat 28	PTI/VLBI OBS OF	2.5	12GHz	3	12GHz feed	VLBI/PTI	VLBI/PTI	<u>TIMES (AEST)</u>
Sun 29	METHANOL MASERS				dual pol.			28th 1130-2000 29th 1230-2015
	<u>Norris, et al</u>							
	<u>DSS-43</u>							

Mon 30 SHARED TIME The following 2 groups will share the time from July 30 to August 7, according  
Tue 31 to the sidereal times indicated. The H1 gas observation takes priority.

<u>AUGUST</u>	H1 GAS IN OPHICHUS REGION	21	1420 MHz	5	Wideband 20 cm.	Correlator	SPECTRA	<u>SIDEREAL TIMES</u>
Wed 1								12h-21h
Thu 2	<u>Sato, Koganei (TU)</u>							
Fri 3	<u>Whiteoak, Otrupcek (ATNF)</u>							
Sat 4								
Sun 5	DWARF GALAXIES IN	21	1350-1450	5	wideband	Correlator	SPECTRA	<u>SIDEREAL TIMES</u>
Mon 6	SCULPTOR GROUP		MHz		20 cm	2 x 512 ch	S	
Tue 7						10 MHz bw	SPOT	21h-12h
	<u>Freeman, Quinn (MSSSO),</u> <u>Carignan (UM)</u>							

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AUGUST

Wed 8 INSTALL X-BAND FEED/POINTING

Parkes Staff

Thu 9	MAPPING GALACTIC	3.6	8500	40	X-band	Bonn pol.	SCAN	
Fri 10	CENTRE AT 8.4 GHz		+ 200		circ pol		DEKKO	Scan must work in
Sat 11			MHz		Lin. vert. rad.			L, B, coords.
Sun 12	Reich, (MPI), Haynes							
Mon 13	Junkes, Stewart (ATNF)							

Tue 14	POLARIZATION MAPPING	3.6	8.5 GHz	50	X-band	Bonn pol.	SCAN	
Wed 15	OF CENTAURUS A				circ. pol		DEKKO	
Thu 16					Lin. vert. rad			
Fri 17	Haynes, Harnett,							
Sat 18	Jauncey, Junkes (ATNF)							
Sun 19	Price (UM)							

Mon 20 K-BAND INSTALLATION  
Tue 21 AND POINTING  
Wed 22

Parkes Staff

Thu 23	MOLECULAR DISK	1.3	23.69-	10	K-band twin beam	Correlator	SPECTRA		
Fri 24	DC303.6+0.9		23.73				SPOT		
Sat 25			GHz				S		
Sun 26	Wang (YO), Otrupcek (ATNF)								

*Whitehead after breakfast. Will help Johnson et al. Sunday & Monday*

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AUGUST

Mon 27	AMMONIA OBS. OF	1.3	23.7 GHz	10	K-band twin	Correlator	SPECTRA	Require high level assistance.
Tue 28	BOK GLOBULES				beam		SPOT	
Wed 29								
Thu 30	Hyland, Robinson (ADFA)							
Fri 31	McGregor (MSSSO)							

SEPT

Sat 1								
Sun 2								

Mon 3	INSTALL AT RX <u>Parkes Staff</u>							<i>hooked up. 860 MHz 50 cm.</i>
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Tue 4	OH/IR STARS &	18	1610-1670	5-10	18cm 1 HE	Correlator	SPECTRA	Chapman, Caswell, Killeen, Harnett (ATNF), TeLintel (AAO)
Wed 5	GALACTIC CENTRE DISTANCE		MHz		hybrid for 2 circ. pols	2 IF's x 512 ch bw 0.2, 0.5, 1.0 MHz	SPOT SLAP S	

Thu 6	FLARE STARS	20	1.3-1.8	50	wideband	96 ch. filter	FASTFLARES	Room temp. H-OH Rx in offset pan 1.35-1.75 GHz
Fri 7			GHz		20 cm circ.	bank. Quad hybrid		
Sat 8	<u>Lim, et al</u>				pol.	noise source &		
Sun 9						noise source driver		

*{2400}*

Eman David

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SEPT

Mon 10 SETUP 20/50 CM SYSTEMS

Parkes Staff

✓ Tue 11	PULSAR TIMING FOR	20	1.3-1.8	10	pulsed cal.	JB filters	Own	
Wed 12	GRO COLLABORATION	50	660 MHz	0.3	at vertex for 50 cm	J. Lim filters Digitizer		
	<u>Manchester et al</u>							

Thu 13	50 CM PULSAR SURVEY	50	660 MHz		pulsed cal at vertex	JB filters Digitizer	Own	
Fri 14								
Sat 15	<u>Manchester, Stavelly-Smith (ATNF)</u>							
Sun 16	<u>Lyne (JB), D'Amico (UP)</u>							
Mon 17								

*Mebold et al*

Tue 18	OH SURVEY IRAS	18	1610-1730	5-10	Hybrid for 2	Correlator	SPECTRA	
Wed 19	SOURCES		MHz		circ pols	2 IF's 512 ch ea	SPOT	
Thu 20						1, 2, & 4 MHz bw.		
Fri 21	<u>TeLintel (AAO), et al</u>							
Sat 22								
Sun 23								

*TeLintel et al*

Mon 24	H1 EMISSION SPECTRA	21	1420 +- 10	5	20 cm	Correlator	SPECTRA	
Tue 25	MAGELLANIC STREAM &		MHz		wideband		S	
Wed 26	CLOUDS				H-OH		SLAP	
	<u>Mebold, (UB), Kalberla</u>							
	<u>Haynes (ATNF)</u>							

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SEPT

*MAL*

Thu 27	POLARISATION IN SNR MILNE 56	6	4.5 GHz	40	5 GHz circ. pol.	Bonn Pol.	SCAN DEKKO	2 x 100 MHz band pass filters
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Milne

Fri 28	OH/IR STARS & GALACTIC CENTRE DISTANCE	18	1610-1670 MHz	5-10	18cm 1 HE hybrid for 2 circ. pols	Correlator 2 IF's x 512 ch bw 0.2, 0.5, 1.0 MHz	SPECTRA
Sat 29							SPOT
Sun 30							SLAP S

Chapman, Caswell, Killeen,  
Harnett (ATNF), TeLintel (AAO)