APPENDICES

A: Financial information

Expenditure budget 2000-2001	$1,000s
Operation of the Narrabri (Paul Wild) Observatory[1]	2,862
Operation of the Parkes Observatory[2]	1,989
Research support Marsfield (ATNF contribution)[3]	1,999
Engineering and development	2,484
Office of Director	575
Astrophysics program	1,421
Computing	799
National Facility support	1,026
Major repairs and maintenance	290
Executive Special Project	420
MNRF project	1,907
Square Kilometre Array	380
Corporate repairs and maintenance	160
TOTAL	**16,312**

Revenue budget 2000-2001	
Direct appropriation	12,362
Research and services revenue	809
MNRF project	1,255
Other external revenue[4]	300
Corporate repairs and maintenance	160
TOTAL[4]	**14,886**

Notes:

1. Includes the operation of the Observatory's Visitors Centre and the Mopra Observatory.
2. Includes the operation of the Observatory's Visitors Centre.
3. The ATNF shares its Sydney headquarters with CSIRO Telecommunications and Industrial Physics.
4. The revenue shortfall was funded from ATNF reserves.

B: Staff list, 1 July 2001

ATNF staff

Sydney

J E Archer (Administration)
J M H Barends (Astrophysics/Computing PA)
R J Bolton (Receivers)
M A Bowen (Receivers)
M L Bromley (National Facility Support)
J W Brooks (Assistant Director, & Engineering Manager)
W N Brouw (Astrophysics/Computing)
M R Calabretta (Computing)
G J Carrad (Receivers)
J L Caswell (Astrophysics)
J M Chapman (Head, National Facility Support)
R R Chekkala (Electronics)
A P Chipendale (SKA)
E R Davis (Electronics)
E de Blok (Bolton Fellow, Astrophysics)
V Drazenovic (National Facility Support)
A R Dunning (Receivers)
R D Ekers (ATNF Director)
R H Ferris (Electronics)
G J Gay (Receivers)
T J Getts (LBA)
R G Gough (Receivers)
D S Gunawan (ATNF/CSIRO Postdoctoral Fellow)
G R Graves (Receivers)
E Hakvoort (Receivers)
P J Hall (Head, SKA Program)
P J Howson (Divisional Secretary)
S A Jackson (Receivers)
E P Kachwalla (National Facility Support)
H P Kanoniuk (Receivers)
L Kedziora-Chudczer (AAO/ATNF Postdoctoral Fellow, Astrophysics)
M J Kesteven (Astrophysics/Enineering Research)
N E B Killeen (Head, Computing)
B S Koribalski (Astrophysics)
M R Leach (Electronics)
J M J Lie (Receivers)
P A Lilie (Receivers)
S M Little (Administration)
M Macquarding (Computing)
S Magri (Electronics)
R N Manchester (Astrophysics)
G A Manefield (Engineering PA)
V J McIntyre (Computing)
G G Moorey (overseas)
R P Norris (Acting Director)
E G Pacey (Director's PA)
D P Rayner (Astrophysics)
L J Reilly (Receivers)
P P Roberts (Electronics)
R J Sault (Computing/SKA)
H L Sim (National Facility Support PR)
M W Sinclair (Head, Receivers)
L G Staveley-Smith (Head, Astrophysics)
M Storey (SKA site Studies/PASA)
P B Sykes (Receivers)
B M Thomas (Engineering Research)
A K Tzioumis (Astrophysics/LBA)
M Walker (ATNF/USyd Research Fellow, Astrophysics)
G War (ATNF/USyd Postdoctoral Fellow)
B Wilson (Administration)
W E Wilson (Head, Electronics)
T H Wong (Bolton Fellow, Astrophysics)
A M Wright (National Facility Support)

Staff shared with CSIRO Telecommunications and Industrial Physics

Administration

S F Clark
O A D'Amico
C Duffy
C D Hodges
K J Lambert
S O'Toole
C K Spence
B Wrbik

Engineering services

M A Bourne

P Bonvino
G R Cook
P Cooper
B A Egan
W Finch
G Hughes
T M Huynh
O Iannello
M J McDonald
R A Moncay
B F Parsons (Assistant Engineering Manager)
P A Sharp
J R Uden
B Wilcockson (Assistant Engineering Manager)
M R Wright

Library

A Joos
C M van der Leeuw

Narrabri

R P Behrendt (Electronics)
R J Beresford (Electronics)
D P Brodrick (Computing)
D J C Brooke (Electronics)
D J Campbell (Antennas & Site Services)
S J Cunningham (Computing)
A F Day (Electronics)
O P Dowd (Antennas & Site Services)
C F Forbes (Lodge)
K Forbes (Administration)
J Giovannis (Computing)
T M Gordon (Antennas & Site Services)
M E Guest (Lodge)
C Harvey (Electronics)
S M James (Electronics)
J Houldsworth (PA)
B D Johnson (Antennas & Site Services)
T J Kennedy (Visitors Centre)
C W Leven (Antennas & Site Services)
J C McFee (Electronics)
M F McFee (Administration)
D McConnell (Officer-in-Charge)
B W Reddall (Electronics)
M H Rees (Lodge)
A G Ryan (Antennas & Site Services)
R Subrahmanyan (Electronics)
G J Sunderland (Antennas & Site Services)
S Tingay (Bolton Fellow)
R M Wark (Operations)
J C Wieringa (Library)
M H Wieringa (Computing)
C A Wilson (Lodge)

Parkes

J K Cole (Lodge)
J M Crocker (Site Services)
G T Freeman (Administration)
J Hockings (Visitors Centre)
S Hoyle (Computing)
A J Hunt (Electronics/Servo)
S A Ingram (Lodge/Site Services)
R T Lees (Site Services)
S L Mader (Operations)
M P McColl (RF systems)
B A Preisig (Electronics/Servo)
K F Reeves (Site Services)
J E Reynolds (Officer-in-Charge)
J M Sarkissian (Operations)
M R Smith (RF systems)
G Spratt (Computing)
E R Troup (overseas)
B Turner (Site Services)
R R Twardy (Visitors Centre)

Canberra

J F Bell (ARC Fellow, Astrophysics)
D L Jauncey (Astrophysics)
J E J Lovell (ATNF/CTIP Postdoctoral Fellow)

C: Committee membership

ATNF Steering Committee 2001

Chairman

Prof R D Cannon, Anglo-Australian Observatory

Secretary

Mrs E Pacey, ATNF

Members

Ex-Officio

Prof R D Ekers, Director, ATNF

Prof B Boyle, Director, Anglo-Australian Observatory

Dr W King, Chief, CSIRO Telecommunications and Industrial Physics

Dr R L Sandland, Deputy Chief Executive, CSIRO

Prof P McCulloch, Director, Mt Pleasant and Ceduna Radio Observatories, University of Tasmania

Astronomers

Dr E Sadler, University of Sydney

Dr M Bailes, Swinburne University of Technology

International advisers

Prof Kwok-yung (Fred) Lo, Director, Institute of Astronomy and Astrophysics, Academia Sinica (Taiwan)

Prof K M Menten, Director, Max Planck Insitute for Radio Astronomy, Bonn, Germany

Dr R Williams, Director, Space Telescope Science Insititute, USA

Industry

Dr R H Frater, Vice President Innovation, Res Med, North Ryde

Dr S Rotheram, Managing Director, Networks Cable & Wireless Optus, Australia

MNRF Technical Advisory Committee

Dr S Guilloteau, Institut de Radio Astronomie Millimetrique (France)

Dr P Napier, National Radio Astronomy Observatory (USA)

Dr R Padman, Mullard Radio Astronomy Observatory (UK)

Dr A Young, CSIRO Telecommunications and Industrial Physics (Australia)

Dr N Whyborn, Space Research Organization Netherlands (Netherlands)

Australia Telescope Users Committee 2001

Chairman

Dr A Green, University of Sydney

Secretary

Mr V McIntyre, ATNF

Members

Dr Ramesh Balasubrahmanyan, University of New South Wales
Dr D Barnes, University of Swinburne
Ms H Bignall[#], University of Adelaide
Dr J Chapman, ATNF
Dr E Corbett, Anglo-Australian Observatory
Dr S Ellingsen, University of Tasmania
Ms T Getts[#*], Macquarie University
Dr B Gibson*, University of Swinburne
Dr C Jackson, RSAA, Australian National University
Dr D Jauncey, ATNF
Dr C Lineweaver, University of New South Wales
Mr D Mitchell[#*], ADFA
Mr E Muller[#], University of Wollongong
Dr R Sood, University of Western Sydney
Dr M Walker, University of Sydney
Dr T Wong*, ATNF
Dr M Zwaan*, University of Melbourne

*** New member in 2001**

[#] Student member

Australia Telescope Time Assignment Committee 2001

Chairman

Prof R D Ekers, Director, ATNF (present for March 2001 meeting only)

Acting Chair

Dr R Manchester, ATNF (Acting Chair from May 2001)

Secretary

Dr J Chapman, ATNF

Members

Prof R Norris, ATNF (Acting Director from May 2001)
Dr D McConnell*, Office-in-Charge, Narrabri Observatory, ATNF
Dr J Reynolds*, Officer-in-Charge, Parkes Observatory, ATNF
Dr M Wardle, University of Sydney
Dr R Balasubrahmanyan, University of New South Wales
Dr M Sevenster, RSAA, Australian National University (to March 2001)
Dr M Drinkwater, University of Melbourne (to July 2001)
Dr S Ryder, Anglo-Australian Observatory (from July 2001)
Dr B Schmidt, RSAA, Australian National University (from November 2001)

*** non-voting members**

D: Observing programs

Observations made with the Australia Telescope Compact Array January to December 2001

Observers	Affiliations	Program Title	Number	Hours
McConnell, Sault, Subrahmanyan, Tingay, Reynolds, Wark, Wieringa, Brodrick	ATNF, ATNF, ATNF, ATNF, ATNF, ATNF ATNF, ATNF	ATCA calibrators	C007	135.5
Manchester, Gaensler, Staveley-Smith, Tzioumis, Wheaton, Kesteven, Reynolds	ANTF, MIT, ATNF, ATNF, USyd, ATNF, ATNF	SNR 1987A	C015	72
Fender	UAm	Observations of GRB J1550-564	CX026	10
Sadler	USyd	Tests for large L-band survey	CX027	10
Subrahmanyan	ATNF	AMiBA tests	CX028	1
Harnett	UTS	Magnetic fields in NGC 6215 & NGC 6221	CX029	3
Tingay, Rayner	ATNF, ATNF	Farady rotation measurement of PKS 1718-649	CX030	6
Fender	UAm	X-ray transient	CX031	6
Fender	UAm	X-ray transient 4U 1608	CX032	6
Ryder, Staveley-Smith, Schlegel	JAC, ATNF, SAO	The 1978 supernova in NGC 1313	C184	13
Duncan, White	ATNF, UMar	High-spatial resolution observations of Eta Carinae	C186	13
Duncan, White	ATNF, UMar	The radio properties of the luminous blue variable WRA 751	C312	13
Oosterloo, Morganti, Sadler	NFRA, IRA, USyd	HI in elliptical galaxies	C530	61
Rayner, Ojha, Sault, Norris	UTas, ATNF, ATNF, ATNF	Circular polarization of GPS sources	C561	48
Hopkins, Chan, Cram, Afonso, Mobasher,	UPitt, USyd, USyd, ImCol, ImCol,	The ATCA Phoenix large area ultra-deep survey	C572	64
Dickey, McClure-Griffiths, Green, Wieringa, Haynes, Gaensler	UMinn, UMinn, USyd, ATNF, ATNF, MIT	The southern Galactic plane survey	C596	26.5
Kedziora-Chudczer, Jauncey, Wieringa, Reynolds, Tzioumis, Nicolson, others	ATNF, ATNF, ATNF, ATNF, ATNF, HartRAO	Monitoring observations of PKS 0405-385 (cont)	C611	46
Frail, Kulkarni, Berger, Galama, Wieringa, Wark, Subrahmanyan, McConnell,	NRAO, Caltech, Caltech, Caltech, ATNF, ATNF, ATNF, ATNF	The radio afterglows from gamma-ray bursts	C651	NAPA
Huynh, Jackson, Norris, Ekers, Sault, Wieringa	RSAA, RSAA, ATNF, ATNF, ATNF, ATNF	Probing star formation and AGN in the HDF-S	C727	303.5
Rayner, Sault, Norris, Ojha	UTas, ATNF, ATNF, ATNF	Circular polarization of PKS 1934-638 at 3 cm	C745	24
Stappers, Gaensler, Getts	UAm, MIT, ATNF	Radio emission from SAX J1808.4-3658	C751	NAPA
Corbel, Fender, Nowak, Wilms, Tzioumis	UAm, JILA, AITub, ATNF	NAPA observations of GX 339-4 in the very high state	C767	12
Chapman, Dougherty, Leitherer, Koribalski, Williams, Moffatt, Setia-Gunawan	ATNF, DRAO, STScI, ATNF ROE, UMont, ATNF	The radio light curve of Gamma Velorum	C787	51

Corbett, Norris, Appleton, Dopita, Struck, Kewley, Zezas	AAO, ATNF, UIow, RSAA, UIow, CfA, CfA	ATCA imaging of COLA galaxies with compact radio cores	C793	26
Fender, Norris, Sault, Pooley, Rayner	UAm, ATNF, ATNF, MRAO, UTas	Circular polarization of radio-bright X-ray transients (NAPA)	C857	NAPA
Mohan, Dwarakanath, Walker	RRI, RRI, USyd	HI 21-cm absorption study towards the Galactic centre	C863	30
Kregel, de Blok, van der Kruit, Freeman	KI, ATNF, KI, RSSA	HI structure and kinematics of edge-on spiral galaxies	C869	102
Edwards, Lovell, Reynolds, Tzioumis, Jauncey	ISA, ATNF, ATNF, ATNF, ATNF	Imaging and monitoring the gravitational lens B1152+199	C878	6
Gentile, Klein, Kalberla, Salucci, Borriello,	UBonn, UBonn, SISSA, UBonn, SISSA	The dark matter distribution in disk galaxies	C885	82.5
Kardasheve, Slee, Stathakis, Pavlenko, Tsarevsky,	ASC, ATNF, AAO, CAO ATNF	Search for new Galactic microquasars among ROSAT sources	C886	33
Leahy, Killeen	JBO, ATNF	Pinning down the physics of FRII radio galaxies	C888	12
O'Brien, Bosma, Freeman	RSAA, Obs. de Marseille, RSAA	Probing the dark matter halos of thin edge-on galaxies	C894	30
Subrahmanyan	ATNF	Recurrent activity in the giant radio galaxy 0707-359	C899	51
Subrahmanyan, Tingay	ATNF, ATNF	Evolution in morphologies of radio galaxies	C900	52.5
Prandoni, Gregorini, Parma, Vettolani, Ruiter, Wieringa, Ekers	IRA-CNR, IRA-CNR, NCR, NCR, OABol, ATNF, ATNF	The nature of the faint radio population	C909	109.5
Tingay, Slee, Sadler	ATNF, ATNF, USyd	ATCA imaging of Pictor A at 1.4, 2,5 and 4.8 GHz	C911	84
Fender, Spencer, Tzioumis, Wu, Johnston, van der Klis	UAm, ATNF, USyd AAO, UAm	Cir X-1: relativistic jet – cloud interaction	C917	54
McIntyre, Chu, Meixner, Dickey, Staveley-Smith, Milne, Sault, Dickel, Klein, Plante	ATNF, UIl, UIl, UMinn, ATNF, ATNF, ATNF, UIl, UBonn, UIL	A 5- and 8.6-GHz survey of the LMC with the ATCA	C918	142.5
Han, Liang, Chen	BAO, UBr, BAO	Radio sources of the strongest linear polarization	C922	84
Liang, Hunstead, Birkinshaw	UBr, USyd, UBr	Measuring the magnetic field in the hottest cluster of galaxies	C923	51
Vreeswijk, Fender, Garrett, Strom, Rol, Kaper, Tingay	UAm, UAm, JIVE, UAm, UAm, UAm, ATNF	Probing the star-formation rate in the host of GRB 990712	C924	24.5
Romani, Johnston, Roberts, Doherty	UStan, USyd, UMcGill, USyd	HI observations of the rabbit	C926	39
Bignall, Jauncey, Tzioumis, Rayner, Lovell, Kedziora-Chudczer, Macquart, McCulloch, Nicolson, Tingay	UAd, ATNF, ATNF, ATNF, ATNF, ATNF, USyd, UTas, HartRAO, ATNF	The micro-arcsec structure and polarization of flat spectrum radio sources	C927	365.5
Burton, Brooks, Rathborne	UNSW, ESO, UNSW	Interface regions in molecular clouds	C928	85.5
Ott, Papderos, Fritz, Noeske, Fricke, Izotov, Guseva, Thuan, Klein	RAIUB, UStern, UStern, UStern, AOK, AOK, UVir, UVir	HI envelopes of young blue compact dwarf galaxies	C929	73
De Brueck, van Breugel, Rocca-Volmerange, Sadler, Vries	IAP, LNLL, IAP, USyd, LLNL	High redshift radio galaxies in the southern hemisphere	C931	42

Corbel, Fender, Tomsick, Kaaret	CEA Saclay, UAm, CASS/UCSD, CfA/SAO	NAPA observations of soft X-ray transients in the low – hard state	C932	NAPA
Ryder, Koribalski, Staveley-Smith	AAO, ATNF, ATNF	Mapping the diffuse gas around NGC 2442	C933	50
Ryan, Webster, Staveley-Smith	UMelb, UMelb, ATNF	Column density distribution function of the local universe from HI emission	C934	169.5
Pavlov, Manchester	Penn State, ATNF	Proper motion of the nearest pulsar	C935	13
Manchester	ATNF	Search for nebula emission around PSR J1357-6435	C936	13
Johnston, Romani, Roberts, Green, Gaensler	USyd, UStan, UMcGill, USyd, MIT	G312.4-0.4: the radio counterpart to 3EG 1410-6147	C937	26
Sault, Macquart, Kedziora-Chudczer, Rayner	ATNF, USyd, ATNF, ATNF	The nature of pmnj1326-5256	C938	42.5
Brogan, Green, Goss	NRAO, USyd, NRAO	OH 1720-MHz maser search in LMC supernova remnants	C939	78
Dubner, Green, Reynoso, Giacani, Johnston, Goss	IAFE, USyd, IAFE, IAFE, USyd, NRAO	The interstellar medium towards peculiar neutron stars	C940	39
Sault, Hall, Carrad, Jackson	ATNF, ATNF, ATNF, ATNF	Water vapour radiometer tests	C941	39.5
Koribalski, Staveley-Smith, Ryder, Ryan-Weber	ATNF, ATNF, AAO, UMelb	The HIPASS bright galaxy catalogue	C942	248
Caswell	ATNF	22-GHz test observations for masers and UC HII regions	C943	28
Dodson, Subrahmanyan, Ellingsen, Minier	UTas, ATNF, UTas, OSO	A search for ammonia at the site of methanol masers	C944	17.5
Greenwood, Ellingsen, Dodson	UTas, UTas, UTas	The spatial scale of anomalous 1720-MHz emission	C945	54
Dodson, McConnell, Deshpande, Golap, Lewis	UTas, ATNF, RRI, NRAO, UTas	Imaging the Vela compact PWN at C-band	C946	90
Lovell, Winn, Jauncey, Edwards	ATNF, MIT, ATNF, ISAS	Imaging a new gravitational lens candidate	C947	14
Wong	ATNF	Dense molecular gas in the LMC and in NGC 6334	C949	55
Sadler, Oosterloo, Morganti, Barnes, de Blok, Koribalski, Staveley-Smith	USyd, NFRA, NFRA, Swinb, ATNF, ATNF, ATNF	An unbiased study of the HI properties of early-type galaxies	C950	52
Koribalski, Wong, mm science team	ATNF, ATNF, ATNF	3-mm observing techniques with ATCA	C951	153.5
Caswell	ATNF	Search for 1720-MHz OH masers in star -formation regions	C952	31
Cram, Chan, Mobahser, Killeen, Sadler, Jackson	USyd, USyd, STScI, ATNF, USyd, ANU	Radio continuum observations of star-forming galaxies and AGN in the 2dF redshift surveys	C953	96
Berger	Caltech	Multi-frequency monitoring of the brown dwarf LP944-20	C954	26
Hunstead, Cotter	USyd, MRAO	The extraordinary radio galaxy B1221-43	C956	12
Gaensler, Baganoff, Dickey, McClure-Griffiths, Lazio, Kassim, LaRosa, Green	MIT, MIT, UMin, UMin, NRL, NRL, Keenesaw State Uni, USyd	Polarization and magnetic fields near the Galactic centre	C957	24.5
Johnson, Pisano, Kobulnicky, Indebetouw	UWis, UWis, UCol	A survey for ultradense HII regions	C958	37

Sarripalli, Hunstead, Subrahmanyan, Storchi-Bergmann	ATNF, USyd, ATNF, IAG	Recurrent nuclear activity in radio galaxies	C959	98.5
Rosenberg, Putman, Stocke, Shull, Ryan-Weber	CASA, CASA, CASA, CASA, UMelb	An HI study of the Lyman alpha absorber/galaxy connection	C960	42
McClure-Griffiths, Dickey, Gaensler, Green	UMinn, UMinn, MIT, USyd	Studies of Galactic chimneys: high resolution	C961	68
Kanekar, Subrahmanyan, Chengalur	NCRA, ATNF, NCRA	HI 21-cm absorption from the Galactic WNM	C962	28
Ryan, Webster, Staveley-Smith	UMelb, UMelb, ATNF	Local Lyman-alpha absorption systems: Association with galaxies	C963	25
Kilborn, Staveley-Smith, Disney, Minchin, Grossi, Boyce	JBOO, ATNF, UCardiff, UCardiff, UCardiff, UBr	Structure of the most massive HI galaxies	C965	72
Zwaan, Drinkwater	UMelb, UMelb	The HI content of high z galaxies and the evolution of omega-HI	C966	47
Johnson, Indebetouw, Kobulnicky, Churfchwell, Conti	UCol, UCol, UWisc, UWisc, UCol	Ultracompact HII regions in the Magellanic Clouds	C967	48
Cannon, McClure-Griffiths, Skillman	UMinn, UMinn, UMinn	The multiphase dynamics of NGC 625	C968	72
Dodson, Ellingsen, Cragg, Godfrey	UTas, UTas, Monash, Monash	Multi-transitional observations of OH masers	C969	51.5
Minchin, Disney, Knezek, Kilborn, Freeman, Gallagher, Grossi, Davies, Boyce	UW, UW, KPNO, JBO, RSAA, UWis, UW, UW, UBr	The evolution of extreme gas-rich galaxies	C970	74.5
Subrahmanyan, Hunstead, Klamer	ATNF, USyd, USyd	WATs in a compact group	C972	25
Beasley, Staveley-Smith, Claussen	Caltech, ATNF, NRAO	A water maser survey of the Magellanic Clouds	C973	36
Benaglia, Romero, Pollock, Koribalski	IAR, IAR, CSCLtd, ATNF	Search for non thermal emission towards the stellar system WACK 2134	C976	12
Saripalli, Hunstead, Subrahmanyan	ATNF, USyd, ATNF	SUMSS giant radio galaxy candidates	C977	48
Setia-Gunawan, Chapman, Duncan, Koribalski, White	ATNF, ATNF, ATNF, ATNF, UMar	Millimetre observations of massive stars	C978	36
Horellou, Koribalski	OSO, ATNF	HI in the gigantic interacting galaxy NGC 6872	C979	37
Budding, Slee, Carter, Mengel	CITNZ, ATNF, UQld, UQld	Orbital phase dependent radio emission from CC Eri	C980	2.5
Manchester, Staveley-Smith, Wheaton, Gaensler, Kesteven	ATNF, ATNF, USyd, MIT, ATNF	SNR 1987A at 12 mm	C981	36
Rayner, Norris, Koribalski, Curran	ATNF, ATNF, ATNF, UNSW	Shocked gas in NGC 253	C982	9
Balasubrahmanyam, Burton, Wong, Storey	UNSW, UNSW, ATNF, UNSW	Imaging the hot molecular core – I17470-2853	C983	24
Staveley-Smith, Saunders, Sadler, Norris, Drake	ATNF, AAO, USyd, ATNF, RSAA	The molecular content of ultraluminous infrared galaxies	C984	25.5
Butler, Sault	NRAO, ATNF	Observation of Venus	C985	12
Sault, Staveley-Smith, McConnell, Ojha, Ryan-Weber	ATNF, ATNF, ATNF, ATNF, UMelb	ATNF synthesis imaging workshop practical sessions	C986	11
Macquart, Ekers, Subrahmanyan, Sault	USyd, ATNF, ATNF, ATNF	Variability in Sgr A* at millimetre wavelengths	C987	12
Sridharan, Bourke, Balasubrahmanyam, Zhang	CfA, CfA, UNSW, CfA	A systematic study of isolated high-mass protostars	C988	30

Brocksopp, Fender, Tingay	ULivJM, UAm, ATNF	NAPA radio jets in recurrent X-ray transients	C989	NAPA
Punsly, Tingay	BoeingSS, ATNF	Estimates of the kinetic luminosity for five southern hemisphere quasars	C990	25.5
Lovell, Winn, Gaensler, Tingay, Wieringa, Kedziora-Chudczer, Ojha, Reynolds, Tzioumis	ATNF, CfA, CfA, ATNF, ATNF, ATNF, ANTF, ATNF, ATNF	Flux monitoring of gravitionally lensed quasars	C991	51
Becker, Schaudel, Filipovic, Jones, Weisskopf, Aschenbach	MPE, MPE, UWS, UWS, MSFC, SFC, MPE	A radio follow-up of X-ray selected SNR candidates	C992	20
Leahy, Killeen	JBO, ATNF	A bow shock around PKS 1637-77?	C994	13
Hunstead, Rose, Christiansen, Liang	USyd, UCSU USCU, UBr	The merging double cluster A3125/A3128	C995	41
Wright, van Dishoeck, Wong	ADFA, LO, ATNF	Observations of pre-planetary disks at 3 mm	C996	21
Camilo, Gaensler, Manchester, Possenti, Stairs, Lyne	UClmba, CfA, ATNF, OABol, NRAO, UMan	A pulsar bow-shock nebula in SNR G284.3-1.8	C997	25
De Breuck, Sadler, Hunstead, van Breugel	IAP, USyd, USyd, IGPP	High redshift radio galaxies from the SUMSS	C1000	40
Ryan-Weber, Webster, Staveley-Smith	UMelb, UMelb, ATNF	NGC 1533 – morphological evolution caught in the act	C1003	12
Buttery, Cotter, Hunstead, Sadler	MRAO, MRAO, USyd, USyd	Cluster searches with SUMSS	C1004	13
Dahlem, Ehle	ESO, ESA	HI observations of galaxies with radio halos	C1005	75
Ryder, Zurita, Beckman	AAO, IAC, IAC	The origin of the diffuse ionized gas in NGC 1313	C1007	36
Vergani, Dettmar, Klein	RAIUB, Ruhr-University, UBonn	The case of IC 4745	C1008	12

Observations made with the Parkes Telescope January to December 2001

Observers	Affiliations	Program Title	Number	Hours
Kaspi, Manchester, Bailes	UMcGill, ATNF, Swinb	Long-term monitoring of PSR J0045-7319	P138	36.25
Bailes, Ord, van Straten, Manchester, Sarkissian, Anderson, Kulkarni	Swinb, Swinb, Swinb, ANTF, ATNF, Caltech, Caltech	Precision pulsar timing	P140	713.25
Freeman	RSAA	Northern extension of HIPASS	P248	505
Manchester, Lewis, Sarkissian, Kaspi, Bailes	ATNF, UTas, ATNF, UMcGill, Swinb	Timing of young pulsars	P262	132.25
Lyne, Kramer, Manchester, Camilo, Stairs, Hobbs, D'Amico, Possenti, Kaspi, Joshi	JBOO, JBOO, ANTF, UClmba, NRAO, UMan, OABol, OABol, UMcGill, UMan	Pulsar multibeam survey	P268	726
Kramer, Manchester, Lyne	MIT, ATNF, JBOO	A deep pulsar survey of the Magellanic Clouds	P269	177.75
Manchester, Camilo, Lyne, Kramer, Hobbs, Stairs, Kaspi, D'Amico, Possenti	ATNF, UCol, JBO, JBO, UMan, NRAO, UMcGill, OABol, OABol	Timing of multibeam pulsar survey discoveries	P276	268.25
Lyne, Kramer, Camilo, Freire, Manchester, Lorimer, D'Amico	JBO, JBO, JBO, JBO, ATNF, NAIC, UBol	Timing and searching for millisecond pulsars in 47 Tucanae	P282	152.5

Manchester, Kaspi, Fan, Crawford	ATNF, UMcGill, UHK, LMCorp	Timing and vonfirmation of new Magellanic Cloud pulsars	P294	30.5
D'Amico, Lyne, Manchester, Sarkissian, Possenti, Fici, Camilo, Ransom	UBol , JBO, ATNF, ATNF, UBol, CINECA, JBO, Harvard	Search for and timing of pulsars in globular clusters	P303	462
Lyne, Stairs, Kramer, Manchester	JBO, JBO, JBO, ATNF	Magnetospheric changes in PSR B1828-11	P340	12
Stairs, Manchester, Lyne, Kramer, Kaspi, Camilo	JBO, ATNF, JBO, JBO, McGill, UClmba	Periastron studies of PSR 1740-3052	P341	58.5
Koribaslki, Staveley-Smith, Putman, Kilborn, Gibson	ATNF, ATNF, RSAA, UMelb, Swinb	Protogalaxies, high-velocity clouds or Magellanic debris?	P349	116
Forbes, Mundell, Barnes, Terlevich, McKay	Swinb, LivJMU, Swinb, UBr, LivJMU	Formation and evolution of galaxies in groups – the role of HI	P352	119.75
Staveley-Smith, Koribalski, Henning, Kraan-Kortweg, Sadler, Schroeder, Stewart, Price, Green	ATNF, ATNF, UNM, UGuan, USyd, Nice, ULeic, UNM, USyd	A northern extension to the ZOA survey	P357	290.25
Kaspi, Roberts, Romani, Johnston	UMcGill, UMcGill, UStan, USyd	Deep pulse searches of three pulsar wind nebula candidates	P358	29.5
Jacoby, Bailes, Ord, Kaplan, Kulkarni, Anderson	Caltech, Swinb, Swinb, Caltech, Caltech, Caltech	A search for radio pulsations from isolated neutron stars	P359	34.75
Jacoby, Bailes, Ord, Kulkarni, Anderson	Caltech, Swinb, Swinb, Caltech, Caltech	A high-latitude millisecond pulsar survey	P360	339.5
van Straten, Bailes, Ord	Swinb, Swinb, Swinb	Studies of a relativistic binary pulsar	P361	53
Johnston, Kramer, van Starten, Bailes	USyd, JBO, Swinb, Swinb	Bumps and giants in the Vela pulsar	P362	6.25
Caswell	ATNF	Maser spectra at 6 and 12 GHz	P363	95.25
Danziger, Staveley-Smith, Salucci	OAT, ATNF, SISSA	Tully-Fisher HI widths of spirals containing type Ia supernovae	P364	151.5
Johnston, Romani	USyd, UStan	A search for giant pulses	P365	50
Joshi, Lyne, Manchester, D'Amico, Burgay, Kramer, Possenti	JBO, JBO, ATNF, UBol, UBol, JBO, UBol	Parkes multibeam high-latitude pulsar survey	P366	509.25
Briggs, Barnes, de Blok, Freeman, Gibson, Koribalski, Staveley-Smith, Zwaan, Reynolds	KI, UMelb, ATNF, RSAA, RSAA, ATNF, ATNF, KI, ATNF	Pilot for HIPARK: a 'Parked Parkes' very deep HI strip	P367	132
Furuya, Testi, Cesaroni, Kitamura	OAAI, OAAI, OAAI, ISAS	Multi-epoch H_2O maser survey towards southern YSOs	P368	23
Gwinn, Schwartz	UCSB, UCSB	AU-scale structure of HI via doppler gradients and scintillation	P369	27
Gurovich, de Blok, Freeman, Staveley-Smith	RSAA, RSAA, ATNF, RSAA, ATNF	Investigating the baryonic Tully-Fisher relationship	P370	29.25
Th van Loon, Zijlstra, Oliveira, Stanimirovic	IoA, UMIST, ESTEC/ESA Arecibo	Water maser survey in 30 Doradus: mapping violent star formation	P371	90
Rosenberg, Putman, Stocke, Shull	CASA, CASA, CASA, CASA	An HI study of the Lyman alpha absorber/galaxy connection	P372	34.75
McClure-Griffiths, Dickey, Gaensler, Green	UMin, UMin, MIT, USyd	Studies of Galactic chimneys: high sensitivity	P374	54.25
Ryan, Webster, Staveley-Smith	UMelb, UMelb, ATNF	Narrow band observations for local HI column density distribution function	P375	67.5

Ord, Bailes	Swinb, Swinb	Swinburne pulsar spectra studies and drifting sub-pulse investigation	P376	65.5
van Driel, Arnaboldi, Combes, Sparke	OPM, Obs. di Capodimonte, DEMIRM, UWisc	An HI survey of southern polar ring galaxies	P378	98.5
Soboley, Ellingsen, Cragg, Godfrey	USU, UTas, Monash, Monash	Class II methanol masers at 23.1 GHz	P379	63.25
Rickett, Johnston, Tomlinson	UCSD, USyd, UCSD	Observations for two ISS projects on southern pulsars	P381	52.25
Rickett, Johnston, Stinebring	UCSD, USyd, ObCol	Observations of "arcs" in interstellar scintillation	P382	37
Caswell	ATNF	Spectra of 1720-MHz OH masers in star-formation regions	P383	12.25
Pisano, Gibson, Barnes, Staveley-Smith, Freeman	UWis, Swinb, Swinb, ATNF, ANU	An HI study of loose groups	P384	64
Kilborn, Disney, Minchin, Grossi, Mader, Boyce	UMan, UCardiff, UCardiff, UCardiff, ATNF, UBr	Narrow-band follow-up of HIPASS galaxies	P386	48.25
Zwaan, Webster, Drinkwater, Meyer, Ryan-Weber	UMelb, UMelb, UMelb, UMelb, UMelb	Completeness and reliability of HIPASS	P387	79.5
Stevens, Webster, Staveley-Smith, Barnes	UMelb, UMelb, ATNF, Swinb	Galaxy interactions and evolution in the group environment	P388	32.25
Meyer, Webster	UMelb, UMelb	Narrow band observations of HIPASS edge-on spirals	P389	82.5
Camilo, Helfand, Gotthelf, Mirabal, Halpern	UClmba, UClmba, UClmba, UClmba	Searching for a pulsar in SNR G16.73+0.08	P390	8.5

Observations made with the Mopra Telescope January to December 2001

Observers	Affiliations	Program Title	Number	Days
Muller, Staveley-Smith, Haynes, Zealey	UWol, ATNF, ATNF, UWol	Mapping and search for CO molecules in the western Magellanic Bridge	M101	3.5
Wright, Maldoni, Boonman, Dishoeck	ADFA, ADFA, LO, LO	The gas and dust content of YSOs	M104	8
Durouchoux, Sood, O'Neill, Rodreiguez, Ahmedi	CEA, ADFA, ADFA, CEA, ADFA	Millimetre observations of Galactic jets and microquasars	M106	8
Smith, Schultz	Rice University, UNSW	Line emission from the black hole GRS 1758-258	M107	1
Balasubrahmanyan, Nicastro, Cortiglioni, Carretti, Poppi	UNSW, IFCAI-CNR, ITeSRE-CNR, ITeSRE-CNR, IRA-CNR	A 22-GHz continuum galactic plane survey	M108	7
Ishihara, Nakai, Sato, Hall	NRO, NRO, NRO, ATNF	Search for water maser emission in new southern AGN	M109	7
Migenes, Coziol, Boas, Hickel, Reynolds	UGan, UGuan, CRAAE, INPE, ATNF	A new search for megamasers in warm infrared galaxies	M110	2

VLBI Observations
January to December 2001

Observers	Affiliations	Program Title	Number	Hours
Bignall	UAd	IDV 1257-326	VX006	12
Beasley, Claussen, Ellingsen, Reynolds, Tzioumis	NRAO, NRAO, UTas, ATNF, ATNF	Measuring the mass of the Galaxy II	V135	72
Drake, McGregor, Norris, Bignall	RSAA, RSAA, ATNF, UAd	Intermediate radio-loud IRAS galaxies	V143	44
Tingay, Sahai, Preston	ATNF, JPL, JPL	Resolving the radio structure of HE2-90	V144	12
Caswell, Reynolds	ATNF, ATNF	LBA maps of OH masers at 6030 and 6035 MHz in star-formation regions	V145	12
Kardashev, Budding, Ojha, Slee, Tingay, Tsarevsky	ASC, CIT, ATNF, ATNF, ATNF, ATNF	A search for new Galactic microquasars among ROSAT sources	V146	36
Ojha, Tingay, Wardle, Cheung, Urry, Sambruna, Scarpa, Tavecchio, Maraschi, Pesce	ANTF, ATNF, Brandeis University, Brandeis University, STScI, George Mason Uni, ESO, OAiB, OAiB, Eureka Scientific	LBA imaging of the kpc-scale X-ray jet in PKS 0637-752	V147	18
Dodson, Ellingsen, Ojha	UTas, UTas, ATNF	The polarization of methanol maser disks	V148	30
Edwards, Tingay, Lovell, Reynolds, Tzioumis, Ojha, Dodson, Nicolson, Quick	ISAS, ATNF ATNF, ATNF, ATNF, ATNF, UTas, HartRAO, HartRAO	Parsec-scale structure of southern EGRET sources	V151	24

E: Affiliations

AAO	Anglo-Australian Observatory, Australia
AAT	Anglo-Australian Telescope, Australia
ADFA	Australian Defence Force Academy, Australia
AIPr	Astronomical Institute Prague, Czech Republic
AITub	Insititute of Astronomy, University of Tubingen, Germany
ANU	Australia National University, Australia
AO	Arecibo Observatory, USA
AOK	Astronomical Observatory Kiev, Ukraine
AOUpp	Astronomiska Observatoreit, Uppsala, Sweden
ArO	Armagh Observatory, UK
ASC	Astrospace Centre, Russia
ASCR	Academy of Sciences of Czech Republic, Czech Republic
ASIAA	Academia Sinica, IAA, Taiwan
ATNF	Australia Telescope National Facility, Australia
BAO	Beijing Astronomical Observatory, China
BIMA	Berkeley-Illinois-Maryland Association, USA
Caltech	California Institute of Technology, USA
CAO	Cagliari Astronomical Observatory, Italy
CASA	CASA, University of Colorado, USA
CDSSC	Canberra Deep Space Communications Complex, Australia
CEA	Centre d'Etudes d'Astrophysique, Saclay, France
CfA	Center for Astrophysics, Harvard University, USA
CITNZ	Central Institute of Technology, New Zealand
CO	Carter Observatory, New Zealand
Cornell	Cornell University, USA
COSSA	CSIRO Office of Space Science & Applications, Australia
CRALOL	CRAL Observatoire de Lyon, France
CSR	Center for Space Research, USA
CTIP	CSIRO Telecommunications & Industrial Physics, Australia
DEMIRM	Département d'Etudes de la Matière interstellaire en InfraRouge et Millimétrique l'Observatoire de Paris, France
DRAO	Dominion Radio Astrophysical Observatory, Canada
ESO	European Southern Observatory, Germany
ESTEC	ESTEC Astrophysics Division, The Netherlands
GBT	Green Bank Telescope, USA
GMU	George Mason University, USA
Gray Data	Gray Data Consulting, USA
GSFC	Goddard Space Flight Center, USA
HartRAO	Hartebeesthoek Radio Astronomical Observatory, South Africa
Harvard	Harvard University, USA
HatCreek	Hat Creek Radio Observatory, USA
IAC	Instituto de Astrofisica de Canarias, Spain
IAFE	Instituto d'Astronomia y Fisica del Espacio, Argentina
IAG	Instituto Astronomico e Geofisico, Brazil
IAP	Institute d'Astrophysique Paris, France
IAR	Instituto Argentino de Radioastronomica, Argentina
IASp	Institut d'Astrophysique Spatiale, France
IFCTR	Instituto de Fisica Cosmica - CNR, Italy
ImCol	Imperial College London, UK
INPE	Instituto Nacional de Pesquisas Espaciais, Brazil
IoA	Institute of Astronomy, UK
IPAC	IPAC, Caltech, USA
IRA-CNR	Institute of Radio Astronomy, CNR, Bologna, Italy
ISA	ISAS, JAPAN, Japan
ISU	Iowa State University, USA
JAC	Joint Astronomy Centre, Hilo, USA

JBO	Jodrell Bank Observatory, UK
JHU	John Hopkins University, USA
JILA	JILA, University of Colorado, USA
JPL	Jet Propulsion Laboratory, USA
KI	Kapteyn Institute, Netherlands
KPNO	Kitt Peak National Observatory, USA
LivJMU	Liverpool John Moores University, UK
LLNL	Lawrence Livermore National Laboratory, USA
LO	Leiden Observatory, The Netherlands
LSW	Landessternwahrte Heidelberg, Germany
MSFC	Marshall Space Flight Center, USA
MERLIN	Multi-element Radio Linked Interferometry Network, UK
MIT	Massachusetts Institute of Technology, USA
Monash	Monash University, Australia
MPE	Max Planck Inst. für Extraterrestrische Physik, Germany
MPIfA	Max Planck Inst. für Astrophysik, Germany
MPIfR	Max Planck Inst. für Radioastronomie, Germany
MRAO	Mullard Radio Astronomical Observatory, UK
NAIC	National Astronomy and Ionosphere Centre, USA
NAOJ	National Astronomical Observatory, Japan
NASA-RC	NASA Ames Research Center, USA
NFRA	Netherlands Foundation for Research in Astronomy, The Netherlands
NOAO	National Optical Astronomical Observatory, USA
NRAO	National Radio Astronomy Observatory, USA
NRL	Naval Research Laboratories, USA
NRO	Nobeyama Radio Observatory, Japan
NWU	Northwestern University, USA
OAAI	Osservatorio Astrofisico di Arcetri, Italy
OABol	Osservatorio Astronomico di Bologna, Italy
OARome	Osservatorio Astronomico di Roma, Italy
OAT	Osservatorio Astronomico di Trieste, Italy
OCat	Osservatorio Astronomico di Catania, Italy
OHP	Observatoire de Haute Provence, France
OMs	Observatorire de Marseille, France
ON	Observatorio Nacional, Brazil
Open	Open University, UK
OPM	Observatoire de Paris, Meudon, France
OSO	Onsala Space Observatory, Sweden
PLab	Phillips Lab, USA
PMO	Purple Mountain Observatory, China
PUCC	Pontificia Universidad Catolica de Chile, Chile
Queens	Queens University, Canada
RAIUB	Radio Astronomy Institute, University of Bonn, Germany
RMC	Royal Military College, Canada
ROB	Royal Observatory of Belgium, Belgium
ROE	Royal Observatory Edinburgh, Scotland
RRI	Raman Research Institute, India
RSAA	Research School of Astronomy & Astrophysics, Australia
SETI	SETI Institute, USA
ShO	Shangai Observatory, China
SISSA	Scuola Internazionale Superiore di Studi Avanzati, Trieste, Italy
StO	Stockholm Observatory, Sweden
STScI	Space Telescope Science Institute, USA
Swinb	Swinburne University of Technology, Australia
TGU	Tokyo Gakugei University, Japan
TIFR	Tata Institute for Radio Astronomy, India
UAd	University of Adelaide, Australia
UAl	University of Alabama, USA
UAm	University of Amsterdam, The Netherlands
UBir	University of Birmingham, UK
UBonn	University of Bonn, Germany
UBos	Boston University, USA

UBr	University of Bristol, UK
UC	University of Colorado, USA
UCal	University of Calgary, Canada
UCB	University of California, Berkeley, USA
UCardiff	Universiy of Cardiff, UK
UCha	University of Champagne-Urbana, USA
UChi	University of Chile, Chile
UChig	University of Chicago, USA
UCL	University College London, UK
UClmba	Columbia University, USA
UCLO	University of California Lick Observatory, USA
UCSB	University of California, Santa Barbara, USA
UCSC	University of California, Santa Cruz, USA
UCSD	University of California, San Diego, USA
UDur	University of Durham, England
UEdin	University of Edinburgh, UK
UEot	Eotvos Lorand University, Hungary
UGuan	University de Guanajuato, Mexico
UHel	University of Helsinki, Finland
UHerts	University of Hertfordshire, UK
UHilo	University of Hilo, USA
UHK	University of Hong Kong, PR China
UIL	University of Illinois, USA
UIow	Iowa State University, USA
UKok	Kokugakuin University, Japan
UKST	United Kingdom Schmidt Telescope, Australia
UKT	Kyushu Tokai University, Japan
UKyoto	University of Kyoto, Japan
ULeeds	University of Leeds, UK
ULeic	University of Leicester, UK
UMac	Macquarie University, Australia
UMan	University of Manchester, UK
UMar	University of Maryland, USA
UMaur	University of Mauritius, Mauritius
UMcGill	McGill University, Canada
UMelb	University of Melbourne, Australia
UMinn	University of Minnesota, USA
UMIST	University of Manchester, Insitute of Science and Technology, UK
UMont	University of Montreal, Canada
UNag	Nagoya University, Japan
UNAM	Universidad Nacional Automa de Mexico, Mexico
UNM	University of New Mexico, USA
UNSW	University of New South Wales, Australia
UOx	University of Oxford, Oxford
UPenn	Pennsylvania State University, USA
UPitt	University of Pittsburgh, USA
UQld	University of Queensland, Australia
URh	University of Rhodes, Sotuh Africa
URuh	Ruhr-Universitaet, Germany
USMF	Santa Maria Federal University, Brazil
USNA	US Naval Academy, USA
USNO	US Naval Observatory, USA
USouth	Southampton University, UK
UStan	Stanford University, USA
UStern	Sternwarte University, Germany
USU	Ural State University, Russia
USuss	University of Sussex, UK
USyd	University of Sydney, Australia
UTas	University of Tasmania, Australia
UTex	University of Texas, USA
UTor	University of Toronto, Canada
UTS	University of Technology, Sydney, Australia
UVir	University of Virginia, USA
UW	University of Wales, UK
UWA	University of Western Australia, Australia
UWash	University of Washington, USA
UWis	University of Wisconsin, USA
UWol	University of Wollongong, Australia
UWS	University of Western Sydney, Australia
Yale	Yale University, USA
YU	Yunnan Observatory, China

F: ATNF media releases, 2001

Titanic collision seen in distant universe	06 February
Aussie astronomy technology is star material	30 March
"Tadpole hunters" may net forming planets	23 May
Big telescope opportunities for South Australia	05 June
Giant "eyeball" brings mega-telescope closer	28 June
"The Dish" tests Einstein's warped space	12 July
"The Dish" turns 40 today	31 October
New Australia Telescope "eyes" look at exploded star	15 November
CSIRO – TRW alliance explores speedy semiconductors	18 December

ATNF media releases can be found on the Web through
http://www.atnf.csiro.au/news

G: 2001 publications

Papers using ATNF data, published in refereed journals

Papers which include ATNF authors are indicated by an asterisk.

AFONSO, J., MOBASHER, B., CHAN, B. & CRAM, L. "Discovery of an extremely red galaxy at z=0.65 with dusty star formation and nuclear activity". ApJ, 559, L101-L104 (2001).

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As of December 2001

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Boris Babic (University of Queensland)	Mass distributions in rich clusters of galaxies
Hayley Bignall (University of Adelaide)	Multiwavelength studies of blazars
Antoine Bouchard (University of Montreal)	Search for HI in dwarf spheroidal galaxies
Christian Bruens (University of Bonn)	Interaction of the Magellanic Stream and other HVCs with the Galactic Halo
Catherine Drake (Australian National University)	Intermediate radio-loud IRAS galaxies
Tracy Getts (Macquarie University)	Dynamical study of southern interacting galaxies
Scott Gordon (University of Queensland)	Star-formation in interacting galaxies: a multiwavelength study
Sebastian Gurovich (Australia National University)	Investigating the Baryonic Tully-Fisher relationship
Maria Hunt (University of Western Sydney)	Molecular spectral line observations of southern molecular clouds
Minh Huynh (Australian National University)	Constraining the star-formation history of galaxies in the Hubble Deep Field South region with sensitive radio data
Melanie Johnston-Hollitt (University of Adelaide)	Examining magnetic fields through Faraday rotation measures
Sebastian Juraszek (University of Sydney)	Nearby galaxies in the Zone of Avoidance
Jasmina Lazendic (University of Sydney)	Interstellar chemistry in shocked molecular gas around supernova remnants
David Legge (University of Tasmania)	Accurate astrometry of southern radio pulsars
Dion Lewis (University of Tasmania)	Timing of young pulsars
Daniel Mitchell (University of Sydney)	Interference mitigation in radio astronomy
Erik Muller (University of Wollongong)	The kinematics and structure of the Magellanic Bridge
Jess O'Brien (Australian National University)	Probing the shape of dark halos of thin edge-on disk galaxies
Paul Roberts (University of Sydney)	High-speed digitisers for radio astronomy
Emma Ryan-Weber (University of Melbourne)	Column density distribution function of the local Universe
Daniel Sheppard (University of Manchester)	A multibeam survey for pulsars over the southern part of the Galactic plane
Bradley Warren (Australian National University)	The nature of nearby high HI mass-to-light radio field galaxies
Meryl Waugh (University of Melbourne)	Galaxy populations, dynamics and evolution of the Fornax Cluster
Vivienne Wheaton (University of Sydney)	Hydrodynamical models and an investigation into radio emission from SN 1987A in the Large Magellanic Cloud
Matthew Young (University of Western Australia)	An investigation of pulsar dynamics using improved methods of time series analysis

I: Glossary and abbreviations

3-mm band	The 85 – 115 GHz band of radio frequencies.
AAO	Anglo-Australian Observatory.
AAT	Anglo-Australian Telescope.
ACA	Australian Communications Authority.
ACC	Antenna Control Computer.
AGN	Active Galactic Nuclei.
AMiBA	Array for Microwave Background Anisotropy.
AIPS	Astronomical Image Processing System.
aips++	An object-oriented data processing system for radio telescopes, which is being constructed by an international consortium of leading radio astronomy observatories.
ALMA	Atacama Large Millimetre Array.
APT	Asia-Pacific Telescope.
AT	Australia Telescope.
ATCA	Australia Telescope Compact Array.
ATNF	Australia Telescope National Facility.
ATOMS	Australia Telescope Observatory Management System.
AT Steering Committee	A committee of leading Australian and overseas technical and scientific experts who provide policy advice to the Director of the ATNF, and are appointed by the Minister for Science.
ATUC	Australia Telescope User Committee.
BIMA	Berkeley-Illinois-Maryland Association.
COSPAR	Committee on Space Research.
CPSR	Caltech-Parkes-Swinburne Recorder.
CSIRO	Commonwealth Scientific and Industrial Research Organization.
CTIP	CSIRO Telecommunications and Industrial Physics – a Division of CSIRO partly co-located with the ATNF.
DASI	Degree Angular Scale Interferometer.
DSN	Deep Space Network.
EEO	Equal Employment Opportunity.
GaAs	Gallium Arsenide.
GRB	Gamma-ray Burst.
HALCA	Highly Advanced Laboratory for Communications and Astrophysics. The Japanese VLBI satellite, previously called VSOP.
HBT	Heterojunction Bipolar Transistor.
HEMT	High Electron Mobility Transistor.
HIPASS	HI Parkes All Sky Survey.

HVC	High-Velocity Cloud.
IAU	International Astronomical Union.
IDV	Intra-Day Variability.
IMS	Interference Monitoring System.
InP	Indium Phosphide.
ISM	Interstellar Medium.
IT	Information Technology.
ITU	International Telecommunication Union.
IUCAF	Inter-Union Commission for the Allocation of Frequencies.
JIVE	Joint Institute for VLBI in Europe.
LBA	Long Baseline Array, used for Australian VLBI observations.
LO	Local Oscillator.
LOFAR	Low Frequency Array.
MIRIAD	Multichannel Image Reconstruction Image Analysis and Display. A data-processing package for synthesis data, developed by Bob Sault, ATNF.
MMIC	Monolithic Microwave Integrated Circuit.
MNRF	Major National Research Facilities.
NASA	National Aeronautics and Space Administration. The US space agency.
OCC	Observatory Computer Committee.
OECD	Organization for Economic Cooperation and Development.
OIC	Officer-in-Charge.
RAFCAP	Radio Astronomy Frequency Committee in the Asia Pacific Region.
RFI	Radio Frequency Interference.
SEST	Swedish-ESO Submillimetre Telescope (Chile).
SKA	Square Kilometre Array.
TAC	Time Assignment Committee.
TCS	Telescope Control System.
URSI	International Union of Radio Science.
USNO	United States Naval Observatory.
VLA	Very Large Array.
VLBI	Very Long Baseline Interferometry.
VSOP	VLBI Space Observatory Program.
WRC	World Radiocommunication Conference.
ZOA	Zone of Avoidance.