

Appendices

A: Financial information

Expenditure (actual) 2001-2002¹ **A\$1,000s**

Operation of the Narrabri (Paul Wild) Observatory ²	2,897
Operation of the Parkes Observatory ³	2,497
Research support Marsfield (ATNF contribution) ⁴	2,119
Engineering and development	3,790
Office of Director	708
Astrophysics program	1,558
Computing	990
National Facility support	892
MNRF-1997	1,066
MNRF-2001	329
Square Kilometre Array	359
Corporate repairs and maintenance	103
TOTAL	17,308

Revenue (actual) 2001-2002

Direct appropriation ⁵	12,959
Research and services revenue	1,338
Other external revenue	299
Asset replacement reserve draw down	1,308
Corporate repairs and maintenance	160
TOTAL⁶	16,064

Notes:

- 1. Expenditure includes capital but excludes depreciation.**
- 2. Includes the operation of the observatory's Visitors Centre and the Mopra Observatory.**
- 3. Includes the operation of the observatory's Visitors Centre.**
- 4. The ATNF shares its Sydney headquarters with CSIRO Telecommunications and Industrial Physics.**
- 5. Excludes A\$4.8M depreciation appropriation.**
- 6. The shortfall in revenue is funded from ATNF reserves which include MNRF-1997 deferred revenue.**

B: Staff list, 2002

ATNF staff

January to December

Sydney

T Adams (Electronics)
J Archer (Administration)
P Axtens (Receivers)
J Barends (Astrophysics/Computing PA)
R Beresford (SKA)
R Bolton (Receivers)
M Bowen (Receivers)
M Bromley (National Facility Support)
J Brooks (Assistant Director, & Engineering Manager)
W Brouw (Astrophysics/Computing)
M Calabretta (Computing)
G Carrad (Receivers)
J Caswell (Astrophysics)
A Chandra (Computing)
J Chapman (Head, National Facility Support)
R Chekkala (Electronics)
A Chippendale (SKA)
D Craig (Electronics)
E Davis (Electronics)
E de Blok (Bolton Fellow, Astrophysics)
V Drazenovic (National Facility Support)
A Dunning (Receivers)
J Ekers (Office of Director)
R Ekers (ATNF Director)
T Elton (Electronics)
R Ferris (Electronics)
G Gay (Receivers/overseas)
T Getts (LBA)
R Gough (Receivers)
G Graves (Receivers)
E Hakvoort (Receivers)
P Hall (Head, SKA Program)
G Hobbs (Bolton Fellow/Astrophysics)
P Howson (Divisional Secretary)
S Jackson (Receivers)
P Jones (Computing/LBA)
E Kachwalla (National Facility Support)
H Kanoniuk (Receivers)
L Kedziora-Chudczer (AAO/ATNF Postdoctoral Fellow, Astrophysics)
M Kesteven (Astrophysics/Engineering Research)
N Killeen (seconded to CTIP)
B Koribalski (Astrophysics)
M Leach (Electronics)

J Lie (Receivers)
S Little (Administration)
M Macquarding (Computing)
S Magri (Electronics)
I Manchester (Electronics)
R Manchester (Astrophysics)
G Manefield (Engineering PA)
A McConnell (LBA)
D McConnell (Head, Computing)
N McClure-Griffiths (Bolton Fellow/Astrophysics)
V McIntyre (Computing)
G Moorey (Receivers)
R Norris (Acting Director)
R Ojha (Astrophysics)
W Orchiston (National Facility Support)
J Ott (Bolton Fellow/Astrophysics)
S O'Toole (Administration)
E Pacey (Director's PA)
C Phillips (Bolton Fellow/Astrophysics)
D Pisano (Bolton Fellow/Astrophysics)
G Powell (Receivers)
L Reilly (Receivers)
P Roberts (Electronics)
N Rolph (Administration)
S Saunders (Electronics)
H Sim (National Facility Support)
L Staveley-Smith (Head, Astrophysics)
M Storey (SKA site Studies/PASA)
P Sykes (Receivers)
B Thomas (Engineering Research)
A Tzioumis (Astrophysics/LBA)
M Walker (ATNF/USyd Research Fellow)
G Warr (ATNF/USyd Postdoctoral Fellow, SKA)
B Wilson (Administration)
W Wilson (Head, Electronics)
T Wong (Bolton Fellow, Astrophysics)
A Wright (National Facility Support)

Staff shared with CSIRO Telecommunications and Industrial Physics

Administration

S Clark
O D'Amico
C Duffy
C Hodges
K Lambert
B Wrbik

Engineering services

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

Library

A	Joos
C	van der Leeuw

Narrabri

D	Aboltin (Electronics)
R	Behrendt (Electronics)
D	Brodrick (Computing)
D	Brooke (Electronics)
D	Campbell (Antennas & Site Services)
S	Cunningham (Computing)
E	Darcey (Antennas & Site Services)
A	Day (Electronics)
O	Dowd (Antennas & Site Services)
K	Forbes (Administration)
J	Gates (Antennas & Site Services)
C	Gay (Administration)
J	Giovannis (Computing)
T	Gordon (Antennas & Site Services)
M	Guest (Lodge)
M	Hill (Electronics)
B	Hiscock (Electronics)
J	Houldsworth (General Services)
B	Johnson (Antennas & Site Services)
T	Kennedy (Visitors Centre)
C	Leven (Antennas & Site Services)
J	McFee (Electronics)
M	McFee (General Services)
S	Munting (Electronics)
C	Murphy (Antennas & Site Services)
M	Oestreich (Electronics)
B	Reddall (Electronics)
M	Rees (Lodge)
A	Reynolds (Administration)

D	Rowe-McDonald (General Services)
A	Ryan (Electronics)
R	Sault (Officer-in-Charge)
L	Saripalli (Astrophysics)
J	Stump (Library)
R	Subrahmanyam (Operations)
G	Sunderland (Antennas & Site Services)
J	Stump (Library)
S	Tingay (Bolton Fellow)
E	Troup (Computing)
R	Wark (Operations)
V	Wheaton (General Services)
J	Wieringa (Library)
M	Wieringa (Computing)
C	Wilson (Lodge)

Parkes

L	Ball (Deputy Officer-in-Charge/HR Manager)
D	Cathin (RF systems)
J	Cole (Lodge)
J	Crocker (Site Services)
B	Dawson (RF Systems)
R	Eslich (Site Services)
G	Freeman (Administration)
M	Grimshaw (Visitors Centre)
J	Hockings (PA/Visitors Centre)
S	Hoyle (Computing)
A	Hunt (Electronics/Servo)
S	Ingram (Lodge/Site Services)
R	Lees (Site Services)
S	Mader (Operations)
L	Milgate (Visitors Centre)
L	Munday (Administration)
B	Preisig (Electronics/Servo)
L	Price (Visitors Centre)
K	Reeves (Site Services)
J	Reynolds (Officer-in-Charge)
T	Ruckley (Research Support)
J	Sarkissian (Operations)
M	Smith (RF systems)
G	Spratt (Computing)
B	Turner (Site Services)
S	Turner (Site Services)
R	Twardy (Visitors Centre)
K	Unger (Visitors Centre)
R	Walker (Visitors Centre)

Canberra

F	Briggs ANU/ATNF (Astrophysics/SKA)
D	Jauncey (Astrophysics)
J	Lovell (Astrophysics/Tidbinbilla)

C: Committee membership

ATNF Steering Committee 2002

Chairman

Prof B J Boyle, Anglo-Australian Observatory

Deputy Chairman

Prof R D Cannon, Anglo-Australian Observatory

Secretary

Mrs A Barends, ATNF

Members

Ex-Officio

Prof R D Ekers, Director, ATNF

Dr W King, Chief, CSIRO Telecommunications and Industrial Physics

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

Dr R L Sandland, Deputy Chief Executive, CSIRO

Astronomers

Dr E Sadler, University of Sydney

Dr M Bailes, Swinburne University of Technology

International advisers

Dr N Kaifu, Director General, National Astronomical Observatory of Japan, Tokyo, Japan

Dr K M Menten, Director, Max Plank Institute for Radioastronomy, Bonn, Germany

Dr R E Williams, Directors Space Telescope Science Institute, 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 Organisation Netherlands (The Netherlands)

Australia Telescope Users Committee 2002

Chair

Dr A Green, University of Sydney (Chair until April 2002)

Dr C Jackson, Research School of Astronomy & Astrophysics, Australian National University

Secretary

Mr V McIntyre, ATNF

Members

Dr D Barnes, University of Melbourne

Dr F Briggs*, Research School of Astronomy & Astrophysics, Australian National University

Dr E Corbett, Anglo-Australian Observatory (until April 2002)

Dr S Ellingsen, University of Tasmania

Ms T Getts#, University of Sydney (until April 2002)

Dr B Gibson, Swinburne University

Dr M Hunt*, University of NSW

Dr S Johnston*, University of Sydney

Mr D Lewis#, University of Tasmania

Dr N McClure-Griffiths*, ATNF

Mr M Meyer#, University of Melbourne

Mr D Mitchell#, University of Sydney

Dr S Tingay*, ATNF

Dr T Wong*, ATNF

Dr M Walker, University of Sydney (until April 2002)

Dr T Wong, ATNF

Dr M Zwaan, University of Melbourne

* **New member in 2002**

Student member

Australia Telescope Time Assignment Committee 2002

Chairman

Prof R Ekers, Director, ATNF (Chairman until July 2002)

Prof B Schmidt, RSAA, Australian National University (Chairman from November 2002)

Acting Chair

Dr R Manchester, ATNF (Acting Chairman for meetings held in March 2002 and July 2002)

Secretary

Dr J Chapman*, ATNF

Members

Dr R Balasubrahmanyam, University of New South Wales (to March 2002)

Dr A Melatos, University of Melbourne (from November 2002)

Prof R Norris, ATNF (Acting Director to March 2002)

Dr J Reynolds*, Officer-in-Charge, Parkes Observatory, ATNF

Dr S Ryder, Anglo-Australian Observatory

Dr R Sault*, Officer-in-Charge, Narrabri Observatory, ATNF

Dr B Schmidt, RSAA, Australian National University

Prof J Storey, University of New South Wales (from November 2002)

Dr L Staveley-Smith, ATNF (from November 2002)

Dr M Wardle, University of Sydney (to July 2002)

* non-voting members

D: Observing programs

Observations made with the Australia Telescope Compact Array January to December 2002

Observers	Affiliations	Program Title	Number	Hours
Manchester, Gaensler, Staveley-Smith, Tzioumis, Wheaton, Kesteven, Reynolds	ATNF, MIT, ATNF, ATNF USyd, ATNF, ATNF	SNR 1987A	C015	103.5
Ryder, Staveley-Smith, Schlegel	AAO, ATNF, SAO	The 1978 supernova in NGC 1313	C184	25
Duncan, White	ATNF, UMar	High-spatial-resolution observations of Eta Carina	C186	26
Reynolds	ATNF	Absolute flux density calibration of the ATCA	C393	11.5
Oosterloo, Morganti, Sadler, van der Hulst	NFRA, NFRA, USyd, KI	HI in elliptical galaxies	C530	52
Drake, McGregor, Dopita	RSAA, RSAA, RSAA	Intermediate radio-loud IRAS galaxies	C539	62.5
McClure-Griffiths, Dickey, Taylor, Gaensler, Haverkorn, Green	ATNF, UMin, UCal, CfA, CfA, USyd	The southern Galactic plane survey: phase II	C596	276
Kedziora-Chudczer, Jauncey, Wieringa, Reynolds, Tzioumis, Nicolson	ATNF, ATNF, ATNF, ATNF, ATNF, HartRAO	Monitoring observations of PKS 0405-385 (cont)	C611	15.5
Filipovic, Pietsch, Haberl, Pannuti, Staveley-Smith, Wolleben	ATNF, MPE, MPE, MIT, ATNF, MPIfR	Supernova remnants (SNRs) in the Magellanic Clouds	C634	27.5
Frail, Kulkarni, Berger, Price, Schmidt, Wieringa, Wark, Subrahmanyan	NRAO, Caltech, Caltech, RSAA, RSAA, ATNF, ATNF, ATNF	Radio afterglows from gamma ray bursts	C651	NAPA
Clark, Dougherty, Waters, Goodwin, Chapman	UCL, NRC/DRAO, UAm, UCardiff, ATNF	Mass-loss rates of the WR stars in the massive cluster Wd1	C652	24
Stappers, Gaensler, Getts	NFRA, CfA, ATNF	Continuum radio emission from accretion powered MSPs	C751	NAPA
Corbel, Fender, Nowak, Wilms, Tzioumis	CEA, UAm, JILA, AITub, ATNF	NAPA observations of GX 339-4 in unusual X-ray states	C767	NAPA
de Blok, Zwaan, Briggs, Freeman	ATNF, UMelb, KI, RSAA	An extended high-resolution HI survey of the Cen A Group	C779	113
Beaulieu, Freeman, Bureau, Carignan, Meurer	UVIC, RSAA, CLMBA, UMont, JHU	Triaxial halos and the outer HI disks of spiral galaxies	C819	12
Ellingsen	UTas	Measuring the polarisation of 6.7 GHz methanol masers	C834	11.5
Roy, Rao, Subrahmanyan	TIFR, TIFR, ATNF	Magnetic field in the Galactic Centre: RM observation of extragalactic sources	C846	10.5
Fender, Sault, Pooley, Spencer, McCormick	UAm, ATNF, MRAO, NRAL, NRAL	NAPA circular polarisation of radio-bright x-ray transients	C857	NAPA
Umana, Tringilio, Cerrigone	CNR, CNR, UCatania	The radio properties of a very young PN	C858	23.5
Lovell, Marshall, Jauncey, Tingay, Murphy, Preston, Schwartz, Perlman	ATNF, MIT, ATNF, ATNF, JPL, JPL, CfA, UMar	Radio, X-ray and optical emission from quasar jets	C890	111.5
O'Brien, Freeman, Bosma, Staveley-Smith, Kalnajs	ATNF/RSAA, RSAA, OMs, ATNF, RSAA	The shape of dark matter halos in edge-on late-type galaxies	C894	98
Caswell	ATNF	Rise and fall of an OH maser flare	C906	16
McIntyre, Staveley-Smith, Milne, Sault, Dickel, Chu, Meixner, Dickey, Klein, Plante	ATNF, ATNF, ATNF, ATNF, UIL, UIL, UIL, UMin, RAIUB, NCSA/UIIL	A 5- and 8.6-GHz Survey of the LMC with the ATCA	C918	239

Bignall, Jauncey, Rayner, Lovell, Kedziora-Chudczer, Macquart, McCulloch, Nicolson, Tingay, Tzioumis, Dodson	UAd/ATNF, ATNF, ATNF, ATNF, ATNF, USyd, UTas, Hart, RAO, ATNF, ATNF, UTas	Microarcsecond structure and polarisation of flat spectrum radio sources	C927	186
Corbel, Fender, Tomisck, Kaaret, Tzioumis	CEA, UAm, CASA/UCSD, CfA/SAO, ATNF	NAPA observations of soft x-ray transients in the low-hard state	C932	NAPA
Reynoso, Green, Dubner, Giacani, Johnston, Goss	USyd, USyd, IAFE, IAFE, USyd, NRAO	The interstellar medium towards peculiar neutron stars	C940	36
Sadler, Oosterloo, Morganti, Barnes, de Blok, Koribalski, Staveley-Smith, van der Hulst, Ekers	USyd, NFRA, NFRA, Swinb, ATNF, ATNF, ATNF, KI, ATNF	An unbiased study of the HI properties of early-type galaxies	C950	42
Caswell	ATNF	Search for 1720 MHz OH masers in star formation regions	C952	35.5
Rosenberg, Putman, Stocke, Shull, Ryan-Weber	CASA, CASA, CASA, CASA, UMelb	An HI study of the Lyman alpha absorber/galaxy connection	C960	44.5
McClure-Griffiths, Dickey, Gaensler, Green	ATNF, UMinn, CfA, USyd	Studies of Galactic chimneys: high resolution	C961	97
Zwaan, Drinkwater	UMelb, UMelb	The HI content of high Z galaxies and the evolution of omega-HI	C966	60.5
Indebetouw, Johnson, Churchwell	UWis, UWis, UWis	Ultracompact HII regions in the Magellanic Clouds	C967	36
Disney, Minchin, Knezek, Kilborn, Freeman, Gallagher, Grossi, Davies, Boyce, de Blok, Garcia	UCardiff, UCardiff, KPNO, JB, RSAA, UWis, UCardiff, UCardiff, UBr, ATNF, UCardiff	The evolution of extreme gas-rich galaxies	C970	12
Beasley, Staveley-Smith, Claussen, Marvel, Boboltz	CaltechOv, ATNF, NRAO, AAS, USNO	Water masers in the Magellanic Clouds	C973	74
Brocksopp, Clark	LivJMU, UCL	Radio jets in supergiant x-ray binary systems	C974	23
Saripalli, Hunstead, Subrahmanyam	ATNF, USyd, ATNF	SUMSS giant radio galaxy candidates	C977	24
Setia Gunawan, Chapman, Duncan, Koribalski, White, Cheung	ATNF, ATNF, ATNF, ATNF, UMar, UAd	Millimetre observations of Eta Carina	C978	8
Horellou, Koribalski	OSO, ATNF	HI in the gigantic interacting galaxy NGC 6872	C979	26
Manchester, Staveley-Smith, Gaensler, Kesteven, Tzioumis	CfA, ATNF, ATNF, ATNF, ATNF,	SNR 1987A at 12mm	C981	43
Brocksopp, Corbel, Fender, Tingay	LivJMU, CEA, UAm, ATNF	Radio jets in recurrent x-ray transients	C989	NAPA
Becker, Schaudel Filipovic, Jones, Weisskopf, Aschenbach	MPE, MPE, UWS, UWS, MSFC, MPE	A radio follow-up of x-ray selected SNR candidates	C992	25
Bourke, Wilner, Wright, Wong, Dishoeck	CfA, CfA, ADEA, ATNF, LO	Observations of pre-planetary disks at 3mm	C996	43
Buttery, Cotter, Hunstead, Sadler	CL, CL, USyd, USyd	Cluster searches with SUMSS	C1004	72
Dahlem, Ehle, Ryder, Haynes	ESO, ESA, AAO, UTas	HI observations of galaxies with radio halos	C1005	13
Padovani, Landt, Perlman, Tzioumis, Bignall	STScI, STScI, UMar, ATNF, UAd	ATCA observations of the jet of MH 2136-428	C1009	13
Bignall, Padovani, Landt, Perlman, Tzioumis	UAd, STScI, STScI, UMar, ATNF	ATCA imaging of a faint sample of BL Lacertae objects	C1010	27.5
Dubner, Giacani, Dickel, Reynoso, Green	IAFE, IAFE, UIL, USyd, USyd	Study of the HI in the environs of the SNR G315.1-2.3	C1011	12.5
Sault, McClure-Griffiths, plus 9 students	ATNF, ATNF	Vacation student Narrabri observing session	C1012	36
Kedziora-Chudczer, Sault, Macquart, Rickett	AAO/ATNF, ATNF, KI, UCSD	Intraday variability of radio sources at 22 GHz	C1013	50.5
Wilcots, Pisano, Zabludoff, van Gorkom, Mulchaey	UWis, ATNF, UArzna, UCLmba, CarO	Evolution of the HI content of poor groups of galaxies	C1015	97.5

Pisano, Wilcots	ATNF, UWis	A survey of the extended HI environment of ESO 39-2	C1016	39
Thompson, Morgan, Urquhart, White, Miao	UKC, UKC, UKC, UKC, UKC	A 20 cm imaging survey of bright-rimmed clouds	C1017	26.5
Berger, Kulkarni, Frail	Caltech, Caltech, NRAO	GRB host galaxies: A new perspective into cosmic star formation	C1018	67.5
Macquart, Sault, Morris, Bafanoff	KI, ATNF, UCLA, MIT	Connected millimetre and X-ray variability in Sgr A*	C1019	70
Gruppioni, Zotti, Prandoni, Sault, Ricci	IAP, IAP, IRA, ATNF, SISSA	18.5 GHz polarisation observations of southern Kuhr sources	C1023	48
Sung, Staveley-Smith, Freeman, Rhee, McIntyre	RSAA, ATNF, RSAA, UYonsei, ATNF	HI environment and kinematics of blue compact dwarf galaxies	C1024	24.5
Boomsma, Oosterloo, van der Hulst, Sancisi	KI, NFRA, KI, OAB/KI	Galactic fountain HI in NGC 253, part III	C1025	48
Temporin, Staveley-Smith, Weinberger	IAI, ATNF, IAI	HI content of the compact galaxy group CG J1720-67.8	C1026	24
McKay, Mundell, Forbes, Barnes, Ponman	LivJMU, LivJMU, Swinb, Swinb, UBir	Formation and evolution of galaxies in groups - The role of HI	C1027	51
Liu, Barlow, Yates	UCL, UCL, UCL	3cm continuum and line maps of NGC 7009 and NGC 6153	C1028	48
de Blok, Davies	ATNF, UCardiff	Enigmatic gas-rich galaxies in nearby groups	C1030	38
Mitchell, Sault	ATNF, ATNF	S2 observations of GLOBALSTAR satellite interference	C1032	4
Dodson	UTas	Imaging the PSR1706-44 pulsar wind nebula	C1033	36
Tingay, de Kool	ATNF, RSAA	Determining the spectral variability and polarisation characteristics of PKS 1718-649	C1034	38.5
Koekemoer, Mobasher, Dickinson, Webster, Norris, Cram, The GOODS Collaboration	STScI, STScI, STScI, UMelb, ATNF, USyd	Ultra-deep radio imaging of the Chandra Deep Field South	C1035	178.5
Perez, Fux, Freeman, Kalnajs	RSAA, RSAA, RSAA, RSAA	The dynamics of the ring galaxy NGC1291	C1036	27
Wayth, Webster, Trott	UMelb, UMelb, UMelb	Observing candidate gravitationally lensed radio lobes	C1037	52.5
Venturi, Dallacasa, Bardelli, Morganti, Hunstead, Tzioumis	IRA-CNR, IRA-CNR, OAB, NFRA, USyd, ATNF	Search for HI emission in the merging complex A3558	C1038	24
Bernardi, Carretti, Cortiglioni, Poppi, Sironi, Sault, Kesteven	IRA-CNR, IRA-CNR, IRA-CNR, IRA-CNR, UMiLa, ATNF, ATNF	Observations of galactic polarisation at 6 and 20cm	C1039	75
Poppi, Carretti, Cortiglioni, Bernardi, Sault, Kesteven, Vinyajkin, Krotikov, Nicastro	IRA-CNR, ISAF-CNR, ISAF-CNR, ISAF-CNR, ATNF, ATNF, NIRFI, NIRFI, ISAF-CNR	Polarised emission from the Moon	C1040	25
Possenti, Burgay, D'Amico, Manchester, Wilson, Johnston	OABol, OABol, CAO, ATNF, ATNF, USyd	Multifrequency contemporary observations of the eclipsing millisecond pulsar J1740-5340	C1043	24.5
Camilo, Gaensler, Manchester	UCLmba, CfA, ATNF	A new 5000-yr-old pulsar: the "Mouse" counterpart?	C1044	13
Koribalski, van der, Hulst, Johnston	ATNF, KI, USyd	HI gas near the giant radio galaxy Centaurus A	C1045	47
Warren, Koribalski, Jerjen, Staveley-Smith	RSAA/ATNF, ATNF, RSAA, ATNF	The nature of nearby high HI mass-to-light ratio field galaxies	C1046	139
Wong, Lindqvist, Olofsson, Schoier	ATNF, OSO, StO, LO	Imaging the detached shell around R Sculptoris	C1048	53.5
Ekers, Dopita, Jackson, Kedziora-Chudczer, Kesteven, Ricci, Sadler, Staveley-Smith, Subrahmanyam, Walker, Wilson, de Zotti	ATNF, RSAA, RSAA, ATNF, ATNF, SISSA, USyd, ATNF, ATNF, ATNF, ATNF, OAP	A pilot 20 GHz survey	C1049	220.5

Caswell, McClure-Griffiths, Cheung	ATNF, ATNF, UAd	SNR G292.2-0.5: A faint young supernova remnant	C1052	9
McClure-Griffiths, Dickey, Gaensler	ATNF, UMin, CfA	Galactic HI polarimetry	C1053	74.5
Koribalski	ATNF	HCO+ emission and absorption in Centaurus A	C1054	27.5
Cheung, McClure-Griffiths	UAd, ATNF	Supernova remnants from the Southern Galactic Plane Survey	C1055	14
Slee, Drake, Budding, Orchiston	ATNF, GSFC, CO, ATNF/AAO	Verification of the Parkes list of active stars	C1056	43
Wilson, Kesteven, Leach, Roberts, et al	ATNF, ATNF, ATNF, ATNF	Installation and initial testing of 3.5 GHz analogue correlator/interferometer	C1057	39
Caswell	ATNF	Recombination lines to distinguish SFR from SNR	C1058	16.5
Duncan, Koribalski	ATNF, ATNF	High-dynamic-range imaging of the circumstellar nebulae of four Wolf-Rayet stars	C1059	35
Bignall, Jauncey, Lovell, Tzioumis, Kedziora-Chudczer, Macquart	UAd, ATNF, ANTF, ATNF, ATNF, KI	Measurement of the ISM velocity towards the IDV PKS 1257-326	C1060	10
Curran, Wong, Webb, Murphy, Pihlstrom	UNSW, ATNF, UNSW, UNSW, NRAO	Highly redshifted molecular lines in damped Lyman alpha absorbers	C1061	16.5
Burgasser, Putman	UCLA, CASA	Radio emission in cool dwarf stars and brown dwarfs	C1062	83.5
Curran, Staveley-Smith, Rantakyro, Murphy, Webb	UNSW, ATNF, ESO, UNSW, UNSW	Millimetre fluxes of QSOs illuminating damped Lyman alpha absorbers	C1063	28
Dwarakanath, Subrahmanyan, Mohan, Srinivasan	RRI, ATNF, RRI, RRI	OH absorption towards the Galactic Centre	C1064	12
Ryder, Sadler, Subrahmanyan, Weiler, Stathakis	AAO, USyd, ATNF, NRL, AAO	The radio-luminous supernova 2001ig	C1066	104.3
Baes, de Blok, Dejonghe, Davies	SOGB, ATNF, SOGB, UCardiff	The mass distribution and dynamical history of disk galaxies	C1069	70
Fender, Spencer, Tzioumis, Wu, Johnston, van der Klis, Jonker	UAm, JB, ATNF, UCL, USyd, UAm, IoA	The ultrarelativistic jet of Cir X-1	C1073	87.5
Gaensler, Hendrick, Manchester, Reynolds, Borkowski	CfA, NCSU, ATNF, NCSU, NCSU	A new pulsar-powered supernova remnant in the LMC	C1074	39
Martin, Koribalski, Mader	UHawaii, ATNF, ATNF	Radio emission from our nearest L-dwarf neighbour (NAPA)	C1075	23
Price, Salvo, Schmidt, Kulkarni, Frail, Subrahmanyan	RSAA, RSAA, RSAA, Caltech, NRAO, ATNF	What makes a gamma-ray burst? : A search for GRB signatures in supernovae	C1076	NAPA
Hunt, Jones, Wong, Burton, Minier, Godfrey, Cragg	UNSW, UWS, ATNF, UNSW, UNSW, Monash, Monash	Biomolecules in the interstellar medium	C1077	41.5
Lazendic, Whiteoak, Slane, Wardle, Green	CfA, ATNF, CfA, USyd, USyd	Methanol maser search toward 1720-MHz OH sites in SNRs	C1078	13.5
Jones, Hunt-Cunnigham	ATNF, UNSW	Star formation in molecular cloud G291.3-0.7	C1079	12
Jones, Hunt-Cunnigham	ATNF, UNSW	Kinematics of G291.3-0.7: Cloud-cloud collision or outflow	C1080	12
Minier, Ellingsen, Burton, Wong, Hill	UNSW, UTas, UNSW, ATNF, UNSW	Dust emission from protostellar clusters	C1081	16
Purcell, Minier, Burton, Hunt, Balasubramanyam, Wong, Hill	UNSW, UNSW, UNSW, UNSW, UNSW, ATNF, UNSW	High resolution observations of hot molecular cores	C1082	27.5
Sadler, Jackson, Cannon, Couch, Deeley	USyd, RSAA, AAO, UNSW, UNSW	PKS0019-338 and the AGN-starburst connection	C1083	12
Hunt, Whiteoak	UNSW, ATNF	SiO, CH ₃ OH and HC ₃ N in G1.6-0.025	C1084	30

Waugh, Webster, Drinkwater, Ekers, Nulsen	UMelb, UMelb, UMelb, ATNF, UWol	Galaxy evolution in the Fornax cluster	C1085	22
Balasubramanyam, Schultz, Subramanyan	RRI, UNSW, ATNF	Imaging the disks around two young stellar objects	C1086	19
Corbel, Fender, Tzioumis, Mitchell, Kaaret, Tomsick, Miller, Wijnands	CEA, UAm, ATNF, ATNF, CfA, UCSD, MIT, MIT	The jet/ISM interactions around the black hole CTEJ1550-564	C1087	117
Hoare, Lumsden, King, Oudmaijer, Burton	ULeeds, ULeeds, ULeeds, ULeeds, UNSW	Massive star formation in the Galaxy: Red MSX sources	C1088	24
Waters, van den Ancker, Dougherty, Tzioumis	UAm, CfA, DRAO, ATNF	Resolving the dusty disks in southern Herbig Ae/Be systems	C1089	37
Hannikainen, Kuulkers, Sault, Wu	UHel, ESA, ATNF, MSSL/UCL	Catching the next outburst of 4U 1630-47	C1090	NAPA
Church, Balucinska-Church, Hannikainen, Spencer	UBir, UBir, USouth, JB	Studying the possible outflow in the LMXB X1624-490	C1091	8.5
Harnett, Beck, Peart, Ehle, Haynes	UTS, MPIfR, UTas, ESA, UTas	Magnetic fields in central regions of barred galaxies	C1092	52
Thompson, Urquhart, White	UKC, UKC, UKC	Bright-rimmed clouds: tracing their ionised rims	C1093	36
Hunt, Whiteoak	UNSW, ATNF	The molecular Lords of Rings in the Nucleus of NGC 4945	C1094	13.5
Johnston	USyd	Radio pulsations from isolated neutron stars?	C1097	22
Reynoso, Green	USyd, USyd	An HI study of G318.9+0.4	C1098	11
Bains, Redman, Bryce, Meaburn, Gledhill	UHerts, UCL, JB, JB, UHerts	Radio observations of the 'Ant Nebula', Mz 3	C1101	36
Punsly, Clarke, Colbert, Tingay	Boeing, NRAO, JHU, ATNF	The kpc scale morphology of IXO 37 - a possible intermediate mass black hole	C1102	12
Buta, Ryder, Meyer	UAL, AAO, UMelb	HI in the leading arm spiral galaxy NGC 4622	C1103	48
Minier, Burton, Purcell, Ellingsen, Cragg, Sobolev, Wong	UNSW, UNSW, UNSW, UTas, Monash, USU, ATNF	Multi-transition observations of methanol masers	C1104	8
Manthey, Huttemeister, Aalto	URuhr, URuhr, OSO	Large scale HI distribution of moderate luminosity mergers	C1105	73
Oosterloo, Sadler, Morganti, Ferguson, Jerjen	NFRA, USyd, NFRA, KI, RSAA	Unravelling the nature of HIPASS J0352-6602	C1106	66.5
Barnes, Pisano, Gibson, Staveley-Smith	UMelb, ATNF, Swinb, ATNF	Intragroup HI in the Local Group analogue for LGG 93	C1107	48
Curran, Wong, Webb, Murphy, Kanekar	UNSW, ATNF, UNSW, UNSW, NCRA	Molecular absorption lines in high redshift quasars	C1108	12.5
McConnell, Subrahmanyan, Carretti, Cotiglion, Poppi	ATNF, ATNF, ISAF-CNR, ISAF-CNR, IAR-CNR	Sky polarisation at 5GHz	C1109	25
Kondratko, Greenhill, Lovell, Jauncey, Kuiper, Moran	CfA, CfA, ATNF, ATNF, JPL, CfA	Follow-up continuum imaging of southern H ₂ O masers detected with the DSN	C1110	24
Pihlstrom, Vermeulen, van Langevelde	NRAO, NFRA, JIVE	Search for excited OH in NGC1052 and Centaurus A	C1111	24.5
Faundez, Bronfman, Garay, Brooks	UChi, UChi, UChi, ESO (Chile)	The ionised content of massive star forming regions	C1112	12
McClure-Griffiths, Benjamin, Putman, Ekers, Johnston-Hollit	ATNF, UWis, CASA, ATNF, UAd/ATNF	Magnetic fields in high velocity clouds	C1115	12
Beasley, Claussen	CaltechOv, NRAO	A search for water masers in Carina	C1116	11
Whiteoak, Hunt, Wong, Lazendic	ATNF, UNSW, ATNF, USyd/ATNF	Imaging the HCO ⁺ molecular cloud associated with N113	C1118	13
Ryder	AAO	SN2001ig	CX033	62.5

Tingay, McClure-Griffiths	ATNF, ATNF	Henz-90	CX034	6
Deacon, Chapman	USyd/ATNF, ATNF	22.235 GHz maser observations of post-AGB Stars	CX036	12
Lewis	UTas	PSR 1055-52	CX038	8.5
Boyle	AAO	Gravitational lens candidate	CX039	12
Hannikainen	UHel	X-ray XTE J1450-603	CX040	10
Harnett	UTS	Radio observations of NGC 986	CX1001	12

Observations made with the Parkes radio telescope January to December 2002

Observers	Affiliations	Program Title	Number	Days
Kaspi, Manchester	UMcGill, ATNF	Long-term monitoring of PSR J0045-7319	P138	1.08
Bailes, van Straten, Ord, Knight, Hotan, Manchester, Sarkissian, Anderson, Kulkarni	Swinb, Swinb, Swinb, Swinb, Swinb, ATNF, ATNF, Caltech, Caltech	Precision pulsar timing	P140	33.5
Han, Manchester, Lyne, Hoyle	NAO(Beij), ATNF, JB, ATNF	Polarisation and Farady rotation of southern pulsars	P236	9.69
Manchester, Lewis, Sarkissian, Kaspi, Bailes	ATNF, UTas, ATNF, UMcGill, Swinb	Timing of young pulsars	P262	3.03
Knight, Ord, van Straten, Kulkarni, Bailes, Edwards, Stapper	Swinb, Swinb, Swinb, Caltech, Swinb, UAm, UAm	Baseband searching for ultrafast pulsars	P263	5.82
Lyne, Kramer, Manchester, Camilo, Stairs, Hobbs, D'Amico, Possenti, Kaspi, Joshi	JB, JB, ATNF, UClmba, NRAO, UMan, OABol, OABol, UMcGill, UMan	Pulsar multibeam survey	P268	15.4
Manchester, Camilo, Lyne, Kramer, Hobbs, Stairs, Kaspi, D'Amico, Possenti	ATNF, UClmba, JB, JB, UMan, NRAO, UMcGill, OABol, OABol	Timing of multibeam pulsar discoveries	P276	18.6
Camilo, Lyne, Kramer, Freire, Manchester, Lorimer, D'Amico	UClmba, JB, JB, JB, ATNF, NAIC, UBol	Timing and searching for pulsars in 47 Tucanae	P282	4.23
Manchester, Kaspi, Crawford, Lyne	ATNF, UMcGill, LMCorp, JB	Timing and confirmation of Magellanic Cloud pulsars	P294	10.4
D'Amico, Lyne, Manchester, Sarkissian, Possenti, Camilo	UBol, JB, ATNF, ATNF, UBol, UClmba	Search and timing of pulsars in globular clusters	P303	14.3
Lyne, Stairs, Athanasiadis, Kramer, Manchester	JB, JB, JB, JB, ATNF	Magnetospheric changes in PSR B1828-11	P340	1.06
Crawford, Pivovarov, Kaspi, Manchester	Haverford, MIT, UMcGill, ATNF	Timing of pulsars discovered in a search of SNRs	P342	0.54
McKay, Mundell, Forbes, Barnes	LivJMU, LivJMU, LivJMU, Swinb	Formation and evolution of galaxies in groups - the role of HII	P352	10.6
Staveley-Smith, Koribalski, Henning, Kraan-Kortweg, Harnett, Sadler, Schroeder, Stewart, Price, Green	ATNF, ATNF, UM, UGuan, UTS, USyd, Nice, ULeic, UNM, USyd	A bulge extension to the ZOA survey	P357	7.65
Jacoby, Bailes, Ord, Kulkarni, Anderson	Caltech, Swinb, Swinb, Caltech, Caltech	A high-latitude millisecond pulsar survey	P360	14.1
Ord, Bailes, van Straten, Hotan	Swinb, Swinb, Swinb, Swinb	Studies of a relativistic binary pulsar	P361	2.1
Burgay, McLaughlin, Joshi, Lyne, Kramer, Pearce, D'Amico, Possenti, Manchester, Camilo	UBol, UMan, JB, JB, JB, JB, UBol, UBol, ATNF, UClmba	Parkes multibeam high-latitude survey	P366	10.3
Furuya, Testi, Cesaroni, Kitamura	OAAI, OAAI, OAAI, ISAS	Multi-epoch H ₂ O maser survey towards southern YSOs (II)	P368	1.25

Gurovich, de Blok, Freeman, Staveley-Smith, Jerjen	RSAA, ATNF, RSAA, ATNF, RSAA	Investigating the Baryonic Tully-Fisher law with a HIPASS sample	P370	4.85
Rosenberg, Putman, Stocke, Shull	CASA, CASA, CASA, CASA	An HI study of the Lyman alpha absorber/galaxy connection	P372	2.23
Caswell	ATNF	Spectra of 1720-MHz OH masers in SFRs	P383	1.06
Zwaan, Webster, Drinkwater, Meyer, Ryan-Weber, HIPASS team	UMelb, UMelb, UMelb, UMelb, UMelb	Completeness & reliability of HIPASS	P387	18.3
Meyer, Webster	UMelb, UMelb	Narrow band observations of HIPASS edge-on spirals	P389	9.53
Curran, Webb, Murphy, Flambaum, Kanekar	UNSW, UNSW, UNSW, UNSW, NCRA	A search for HI in damped Lyman alpha absorbers	P391	4.11
McClure-Griffiths, Sault	ATNF, ATNF	Vacation student Parkes observing session	P392	1.54
Manchester	ATNF	Intrinsic polarisation of the Vela pulsar	P393	0.59
McLaughlin, Kramer, Lyne, Lorimer, Kaspi, Tam, Manchester	JB, JB, JB, JB, UMcGill, UMcGill, ATNF	A search for radio emission from magnetars	P394	2.95
Camilo, Manchester, Sarkissian	UCLmba, ATNF, ATNF	Timing two young and energetic pulsars	P395	3.82
Camilo, Arzoumanian, Gaensler, Lorimer, Manchester	UCLmba, GSFC, CfA, UMan, ATNF	Deep searches for young and “radio-quiet” pulsars	P396	11.8
Johnston, Ball, Rickett, Walker	USyd, ATNF, UCSD, ATNF/USyd	Monitoring scintillation in southern pulsars	P398	3.37
Pisano, Gibson, Barnes, Staveley-Smith, Freeman	ATNF, Swinb, Swinb, ATNF, RSAA	An HI study of loose groups	P399	10.2
Kramer, Lyne, Stairs, Kaspi, Manchester, Camilo	JB, JB, NRAO (GB), McGill, ATNF, UCLmba	Geodetic precession in PSR J1141-6545	P400	1.17
Roberts, Kaspi, Tam	UMcGill, UMcGill, UMcGill	A pulsar search for four Egret sources in the Galactic halo	P401	0.21
Stootman	UWS	High resolution profiles of OH lines	P402	3.85
Possenti, Burgay, D’Amico, Manchester, Wilson, Johnston	UBol, UBol, UBol, ATNF, ATNF, USyd	Multifrequency observations fo the eclipsing millisecond pulsar J1740-5340	P404	0.96
Stairs, Kramer, Lyne, Manchester	NRAO (GB), JB, JB, ATNF	A search for a pulsar companion to a main-sequence star	P405	0.5
Roberts, Kaspi, Tam, Ransom, Crawford	UMcGill, UMcGill, UMcGill, UMcGill, Haverford	A search for pulsars in mid-latitude EGRET error boxes	P406	7.06
Burderi, Di Salvo, Burgay, Possenti, D’Amico, Manchester	UAm, UAm, UBol, UBol, CAO, ATNF	Why no radio pulsation from SAX J1808.4-3658 so far?	P407	0.83
Anderson, Staveley-Smith, Filipovic	ATNF, ATNF, ATNF	Galactic HI imaging of southern hemisphere regions	P408	1.6
McClure-Griffiths, Gaensler, Haverkorn, Dickey, Green	ATNF, CfA, ULeid, UMinn, USyd	Diffuse polarisation from the Galactic plane: single dish observations	P409	1.14
Castelletti, Dubner, Mader	IAFE, IAFE, ATNF	Single dish observations of SN1006 at 20cm	P410	0.3
Roberts, Ransom, Kaspi	UMcGill, UMcGill, UMcGill	A possible sub-millisecond gamma-ray pulsar	P413	0.23
Deacon, Green, Chapman	USyd, USyd, ATNF	The origin of planetary nebulae morphology	P414	2.14
Kramer, Lyne, Wang, Manchester, Stairs, Camilo, Joshi, Hobbs, Possenti, Lorimer	JB, JB, UAO, ATNF, NRAO, UCLmba, JB, UMan, UBol, JB	More members of a new class of pulsars	P417	3
Ransom, Kaspi, Manchester	UMcGill, UMcGill, ATNF	A deep 20-cm search for pulsations from Supernova 1987A	P419	1.56
Johnston, Nicastro, Ord	USyd, CNR-IFCAI, Swinb	Interstellar scintillation studies of radio pulsars	P420	3.41

Caswell	ATNF	Search for 13 GHz OH masers in star formation regions	P421	1.08
Barnes, Staveley-Smith	UMelb, ATNF	Wombat II: a mini Malin I	P423	0.17

Observations made with the Mopra radio telescope January to December 2002

Observers	Affiliations	Program Title	Number	Days
Walsh, Myers, Burton, Barnes	CfA, CfA, UNSW, UNSW	Do stars form by stationary collapse or moving accretion?	M116	2
Ellingsen, Cragg, Godfrey, Minier	UTas, Monash, Monash, UNSW	Bright class II methanol masers	M117	12.92
Ladd, Fuller	UBuck, UMIST	The evolution of dense cores forming the youngest protostars in Ophiuchus	M118	7.71
Jiang, Balasubramanyam, Omont	NAO(Beij), RRI, IAP	Search for SiO maser stars in an ISO GAL field - m18.63+00.35	M119	2.96
Hoare, Lumsden, King, Oudmaijer, Burton	ULeeds, ULeeds, ULeeds, ULeeds, UNSW	Massive star formation in the Galaxy: red MSX sources	M121	10.67
Hirabayashi, Edwards, Lovell, Tzioumis, Tingay, et al.	ISAS, ISAS, ATNF, ATNF, ATNF	Continued use of Mopra for VSOP survey observations	M122	19

VLBI observations January to December 2002

Observers	Affiliations	Program Title	Number	Hours
Dodson, Reynolds, Legge, Lewis	UTas, ATNF, UTas, UTas	PSR proper motions from observations with the LBA	V088	44
Ojha, Reynolds, Fey, Johnston, Tzioumis, Jauncey, McCulloch, Dodson, et al.	ATNF, ATNF, USNO, USNO, ATNF, ATNF, UTas, UTas	Astrometry/imaging of southern hemisphere ICRF sources	V131	203
Corbett, Norris, Dopita, et al.	AAO, ATNF, RSAA	LBA imaging of two bright Cola galaxies (part A)	V133	14
Beasley, Claussen, Ellingsen, Reynolds, Tzioumis	CaltechOV, NRAO, UTas, ATNF, ATNF	Measuring the mass of the Galaxy - II	V135	24
Greenhill, Moran, Norris, et al.	CfA, CfA, ATNF	Tracking the acceleration of H ₂ O masers in Circinus	V137	20
Drake, McGregor, Norris	RSAA, RSAA, ATNF	Intermediate radio-loud IRAS Galaxies	V143	22
Tingay, Ojha, Tzioumis	ATNF, ATNF, ATNF	Wide-field imaging of NGC 7552 with the LBA	V150	12
Huynh, Norris, Jackson Ojha	RSAA, ATNF, RSAA, ATNF	Phase referenced observations of galaxies in the Hubble Deep Field South	V153	14
Kewley, Corbett, Norris, Dopita, Smith	CfA, AAO, ATNF, RSAA, CfA	Do mergers stop monsters?	V155	30
Dodson, Johnston, Reynolds, Lewis	UTas, USyd, ATNF, UTas	Distance and proper motion of PSR B1259-63	V156	44
Tingay, Tzioumis, Reynolds, Jauncey	ATNF, ATNF, ATNF, ATNF	Core activity and proper motions in GPS galaxies PKS 1718-649 and PKS 1934-638	V160	14
Morganti, Oosterloo, Tzioumis, Reynolds, Tingay, et al.	NFRA, NFRA, ATNF, ATNF, ATNF	HI absorption around the young radio galaxy PKS 1549-79	V161	24
Tingay	ATNF	Wide field, high resolution imaging of jet interaction regions	V165	24

E: Affiliations

		CfA	Center for Astrophysics, Harvard University, USA
AAO	Anglo-Australian Observatory, Australia	CITNZ	Central Institute of Technology, New Zealand
AAT	Anglo-Australian Telescope, Australia	CO	Carter Observatory, New Zealand
ADFA	Australian Defence Force Academy, Australia	Cornell	Cornell University, USA
AIPr	Astronomical Institute Prague, Czech Republic	COSSA	CSIRO Office of Space Science & Applications, Australia
AITub	Institute of Astronomy, University of Tübingen, Germany	CRALOL	CRAL Observatoire de Lyon, France
ANU	Australia National University, Australia	CSR	Center for Space Research, USA
AO	Arecibo Observatory, USA	CTIP	CSIRO Telecommunications & Industrial Physics, Australia
AOK	Astronomical Observatory Kiev, Ukraine	DEMIRM	Département d'Etudes de la Matière interstellaire en InfraRouge et Millimétrique l'Observatoire de Paris, France
AOUpp	Astronomiska Observatoriet, Uppsala, Sweden	DRAO	Dominion Radio Astrophysical Observatory, Canada
ArO	Armagh Observatory, UK	ESO	European Southern Observatory, Germany
ASC	Astrospace Centre, Russia	ESTEC	ESTEC Astrophysics Division, The Netherlands
ASCR	Academy of Sciences of Czech Republic, Czech Republic	GBT	Green Bank Telescope, USA
ASIAA	Academia Sinica, IAA, Taiwan	GMU	George Mason University, USA
ATNF	Australia Telescope National Facility, Australia	Gray Data	Gray Data Consulting, USA
BAO	Beijing Astronomical Observatory, China	GSFC	Goddard Space Flight Center, USA
BIMA	Berkeley-Illinois-Maryland Association, USA	HartRAO	Hartebeesthoek Radio Astronomical Observatory, South Africa
Caltech	California Institute of Technology, USA	Harvard	Harvard University, USA
CAO	Cagliari Astronomical Observatory, Italy	HatCreek	Hat Creek Radio Observatory, USA
CASA	CASA, University of Colorado, USA	IAC	Instituto de Astrofísica de Canarias, Spain
CDSSC	Canberra Deep Space Communications Complex, Australia	IAFE	Instituto d'Astronomia y Física del Espacio, Argentina
CEA	Centre d'Etudes d'Astrophysique, Saclay, France	IAG	Instituto Astronomico e Geofísico, Brazil

IAP	Institute d'Astrophysique Paris, France	Monash	Monash University, Australia
IAR	Instituto Argentino de Radioastronomica, Argentina	MPE	Max Planck Inst. für Extraterrestrische Physik, Germany
IASp	Institut d'Astrophysique Spatiale, France	MPIfA	Max Planck Inst. für Astrophysik, Germany
IFCTR	Instituto de Fisica Cosmica - CNR, Italy	MPIfR	Max Planck Inst. für Radioastronomie, Germany
ImCol	Imperial College London, UK	MRAO	Mullard Radio Astronomical Observatory, UK
INPE	Instituto Nacional de Pesquisas Espaciais, Brazil	NAIC	National Astronomy and Ionosphere Centre, USA
IoA	Institute of Astronomy, UK	NAOJ	National Astronomical Observatory, Japan
IPAC	IPAC, Caltech, USA	NASA-RC	NASA Ames Research Center, USA
IRA-CNR	Institute of Radio Astronomy, CNR, Bologna, Italy	NFRA	Netherlands Foundation for Research in Astronomy, The Netherlands
ISA	ISAS, Japan	NOAO	National Optical Astronomical Observatory, USA
ISU	Iowa State University, USA	NRAO	National Radio Astronomy Observatory, USA
JAC	Joint Astronomy Centre, Hilo, USA	NRL	Naval Research Laboratories, USA
JBO	Jodrell Bank Observatory, UK	NRO	Nobeyama Radio Observatory, Japan
JHU	John Hopkins University, USA	NWU	Northwestern University, USA
JILA	JILA, University of Colorado, USA	OAAI	Osservatorio Astrofisico di Arcetri, Italy
JPL	Jet Propulsion Laboratory, USA	OABol	Osservatorio Astronomico di Bologna, Italy
KI	Kapteyn Institute, Netherlands	OARome	Osservatorio Astronomico di Roma, Italy
KPNO	Kitt Peak National Observatory, USA	OAT	Osservatorio Astronomico di Trieste, Italy
LivJMU	Liverpool John Moores University, UK	OCat	Osservatorio Astronomico di Catania, Italy
LLNL	Lawrence Livermore National Laboratory, USA	OHP	Observatoire de Haute Provence, France
LO	Leiden Observatory, The Netherlands	OMs	Observatoire de Marseille, France
LSW	Landessternwahrte Heidelberg, Germany	ON	Observatorio Nacional, Brazil
MSFC	Marshall Space Flight Center, USA		
MERLIN	Multi-element Radio Linked Interferometry Network, UK		
MIT	Massachusetts Institute of Technology, USA		

Open	Open University, UK	UBr	University of Bristol, UK
OPM	Observatoire de Paris, Meudon, France	UC	University of Colorado, USA
OSO	Onsala Space Observatory, Sweden	UCal	University of Calgary, Canada
PLab	Phillips Lab, USA	UCB	University of California, Berkeley, USA
PMO	Purple Mountain Observatory, China	UCardiff	University of Cardiff, UK
PUCC	Pontificia Universidad Catolica de Chile, Chile	UCha	University of Champagne-Urbana, USA
Queens	Queens University, Canada	UChi	University of Chile, Chile
RAIUB	Radio Astronomy Institute, University of Bonn, Germany	UChig	University of Chicago, USA
RMC	Royal Military College, Canada	UCL	University College London, UK
ROB	Royal Observatory of Belgium, Belgium	UClmba	Columbia University, USA
ROE	Royal Observatory Edinburgh, Scotland	UCLO	University of California Lick Observatory, USA
RRI	Raman Research Institute, India	UCSB	University of California, Santa Barbara, USA
RSAA	Research School of Astronomy & Astrophysics, Australia	UCSC	University of California, Santa Cruz, USA
SETI	SETI Institute, USA	UCSD	University of California, San Diego, USA
ShO	Shanghai Observatory, China	UDur	University of Durham, England
SISSA	Scuola Internazionale Superiore di Studi Avanzati, Trieste, Italy	UEdin	University of Edinburgh, UK
StO	Stockholm Observatory, Sweden	UEot	Eotvos Lorand University, Hungary
STScI	Space Telescope Science Institute, USA	UGuan	University de Guanajuato, Mexico
Swinb	Swinburne University of Technology, Australia	UHel	University of Helsinki, Finland
TGU	Tokyo Gakugei University, Japan	UHerts	University of Hertfordshire, UK
TIFR	Tata Institute for Radio Astronomy, India	UHilo	University of Hilo, USA
UAd	University of Adelaide, Australia	UHK	University of Hong Kong, PR China
UAl	University of Alabama, USA	UIL	University of Illinois, USA
UAm	University of Amsterdam, The Netherlands	UIow	Iowa State University, USA
UBir	University of Birmingham, UK	UKok	Kokugakuin University, Japan
UBonn	University of Bonn, Germany	UKST	United Kingdom Schmidt Telescope, Australia
UBos	Boston University, USA	UKT	Kyushu Tokai University, Japan
		UKyoto	University of Kyoto, Japan

ULeeds	University of Leeds, UK	USyd	University of Sydney, Australia
ULeic	University of Leicester, UK	UTas	University of Tasmania, Australia
UMac	Macquarie University, Australia	UTex	University of Texas, USA
UMan	University of Manchester, UK	UTor	University of Toronto, Canada
UMar	University of Maryland, USA	UTS	University of Technology, Sydney, Australia
UMaur	University of Mauritius, Mauritius	UVir	University of Virginia, USA
UMcGill	McGill University, Canada	UW	University of Wales, UK
UMelb	University of Melbourne, Australia	UWA	University of Western Australia, Australia
UMinn	University of Minnesota, USA	UWash	University of Washington, USA
UMIST	University of Manchester, Institute of Science and Technology, UK	UWis	University of Wisconsin, USA
UMont	University of Montreal, Canada	UWol	University of Wollongong, Australia
UNag	Nagoya University, Japan	UWS	University of Western Sydney, Australia
UNAM	Universidad Nacional Autonoma de Mexico, Mexico	Yale	Yale University, USA
UNM	University of New Mexico, USA	YU	Yunnan Observatory, China
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, South 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		

F: ATNF media releases, 2002

Astronomers find star stretched to bursting point	14 February
Gamma-ray burst mystery solved: exploding stars the culprit	16 May
Equipment built at “the dish” goes to China	17 May
Black holes’ fatal attraction triggers galaxies’ change of heart	02 August
CSIRO to help ease NASA’s “traffic jam”	06 September
Mini black holes may help explain massive ones	04 October
ATNF media releases can be found on the web at http://www.atnf.csiro.au/news	

G: 2002 publications

Papers using ATNF data, published in refereed journals

Papers which include ATNF authors are indicated by an asterisk.

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Theses of students co-supervised by the ATNF, 2002

Getts, T., “Dynamical study of southern interacting galaxies”, MSc thesis, Macquarie University

Hunt, M., “Molecular spectral line observations of southern molecular clouds”, PhD thesis, University of Western Sydney

Legge, D., “Accurate astrometry of southern radio pulsars”, PhD thesis, University of Sydney

Juraszek, S., “Nearby galaxies in the Zone of Avoidance”, PhD thesis, University of Sydney

Wheaton, V., “Hydrodynamical models and an investigation into radio emission from SNR 1987A in the Large Magellanic Cloud”, MSc thesis, University of Sydney

H:Postgraduate students co-supervised by the ATNF

As of December 2002

Name, project title and affiliation

Matthew Young, “An investigation of pulsar dynamics using improved methods of timed series analysis”, University of Western Australia

Scott Gordon, “Star formation in interacting galaxies: A multiwavelength study”, University of Queensland

Boris Babic, “Mass distributions in rich clusters of galaxies”, University of Queensland

Hayley Bignall, “Multiwavelength studies of blazars”, University of Adelaide

Melanie Johnston-Hollitt, “Examining magnetic fields through Faraday rotation measures”, University of Adelaide

Jasmina Lazendic, “Molecular diagnostics of supernova remnant shocks”, University of Sydney

Erik Muller, “The kinematics and structure of the Magellanic Bridge”, University of Wollongong

Paul Roberts, “Components for wide bandwidth signal processing in radio astronomy”, University of Sydney

Christian Bruens, “The gaseous arms of the Magellanic system and other high-velocity clouds”, University of Bonn, Germany

Emily Ryan-Weber, “Column density distruction function of the local Universe”, University of Melbourne

Antione Bouchard, “Search for HI in dwarf spheroidal galaxies”, University of Montreal, Canada

Dion Lewis, “Timing of young pulsars”, University of Tasmania

Daniel Mitchell, “Interference mitigation in radio astronomy”, University of Sydney

Minh Hyunh, “Constraining the star formation history of galaxies in the Hubble Deep Field South region with sensitive radio data”, Australian National University

Sebastian Gurovich, “Investigating the Bayonic Tully-Fisher relationship”, Australian National University

Jess O’Brien, “Probing the shape of dark halos of thin edge-on disk galaxies”, Australian National University

Bradley Warren, “The Nature of nearby high HI mass-to-light radio field galaxies”, Australian National University

Meryl Waugh, “Galaxy populations, dynamics and evolution of the Fornax cluster”, University of Melbourne

Rachel Deacon, “Planetary nebulae - origin of morphology”, University of Sydney

Aidan Hotan, “Pulsar observation and timing”, Swinburne University of Technology

Gianni Bernardi, “Diffuse Galactic synchrotron polarised radiation as foreground for CMB experiments”, University of Bologna/CNR, Italy

Haydon Knight, “Baseband searching for millisecond pulsars”, Swinburne University of Technology

Natasa Vranesevic, “Galactic distribution and evolution of pulsars”, University of Sydney

Roberto Ricci, “The high frequency Compact Array radio sky survey”, SISSA/ISAS, Italy

Aaron Chipendale, “High dynamic range imaging with many baseline synthesis interferometry”, University of Sydney

Catherine Drake, “Intermediate radio-loud IRAS galaxies”, Australian National University

I: Abbreviations

AAO	Anglo-Australian Observatory.
AAT	Anglo-Australian Telescope.
ACA	Australian Communications Authority.
AGB	Asymptotic Giant Branch.
ALFA	Arecibo L-band Feed Array.
AIPS	Astronomical Image Processing System.
ALMA	Atacama Large Millimetre Array.
AMiBA	Array for Microwave Background Anisotropy.
APT	Asia-Pacific Telescope.
ARC	Australian Research Council.
ASKACC	Australian SKA Consortium Committee.
ATCA	Australia Telescope Compact Array.
ATNF	Australia Telescope National Facility.
ATUC	Australia Telescope Users Committee.
BIMA	Berkeley-Illinois-Maryland Association.
COSPAR	Committee on Space Research.
CSG	Computer Services Group.
CPSR	Caltech-Parkes-Swinburne Recorder.
CSIRO	Commonwealth Scientific and Industrial Research Organisation.
CTIP	CSIRO Telecommunications and Industrial Physics – a Division of CSIRO partly co-located with the ATNF.
EEO	Equal Employment Opportunity.
FARADAY	Focal-plane Arrays for Radio Astronomy: Design, Access and Yield.
FITS	Flexible Image Transport System.
GaAs	Gallium Arsenide.
GRB	Gamma-ray Burst.
HEMT	High Electron Mobility Transistor.
HI	Neutral Hydrogen.
HIPASS	HI Parkes All Sky Survey.

IAU	International Astronomical Union.
ISM	Interstellar Medium.
IT	Information Technology.
ITU	International Telecommunications 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.
MMIC	Monolithic Microwave Integrated Circuit.
MNRF	Major National Research Facilities.
NASA	National Aeronautics and Space Administration. The US space agency.
OECD	Organisation for Economic Cooperation and Development.
OMT	Orthomode Transducer.
PPARC	Particle Physics and Astronomy Research Council.
RAFCAP	Radio Astronomy Frequency Committee in the Asia Pacific Region.
SEARFE	Students Exploring Australia's Radio Frequency Environment.
SEST	Swedish-ESO Submillimetre Telescope (Chile).
SGPS	Southern Galactic Plane Survey.
SIS	Semiconductor-Insulator-Semiconductor.
SKA	Square Kilometre Array.
SUMSS	Sydney University Molonglo Sky Survey.
TAC	Time Assignment Committee.
TCS	Telescope Control System.
URSI	International Union of Radio Science.
USNO	United States Naval Observatory.
VLBI	Very Long Baseline Interferometry.
VSOP	VLBI Space Observatory Program.
WMAP	Wilkinson Microwave Anisotropy Probe.
WRC	World Radiocommunication Conference.
ZOA	Zone of Avoidance.