GBT Observing Schedule for June 2004

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BB187	Black, G. Campbell, D. B.	NRAO Headquarters Cornell University		Interferometric Radar Observations of Asteroid (25143) Itokawa [G. Black]	S	O	13	2.00
BU027	Ulvestad, J. Neff, S. G. Teng, S.	NRAO GSFC University of Maryland		Monitoring Young Supernovae in Arp 299 [J. Ulvestad]	SX	V	27 28	10.00
GB049	Bartel, N. Rupen, M. P. Bietenholz, M. F. Beasley, T.A. Graham, D.A. Altunin, V. Venturi, T. Umana, G. Cannon, W. Conway, J. E.	York University NRAO - NM York University Caltech Owens Valley Radio Obs MPIfR JPL Instituto di Radioastronomia Istituto di Radioastronomia, C York University Onsala Space Observatory		SN1993J: The center of the shell and its structural and spectral evolution [N. Bartel]	CL	V	6 7	12.00
GBT02A-017	Balser, D.S.	NRAO - Green Bank		The Galactic Evolution of 4He: The dy/dz Relation [D.S. Balser]	X	SDP	10 11 12 13 25 26 27 28	52.00
GBT02A-041	Rood, R. T. Bania, T. M. Balser, D.S.	University of Virginia Boston University NRAO - Green Bank		Stalking the Cosmic 3-Helium Abundance [R. T. Rood]	X	SDP	20 21 22 23 24 25 26 27	77.00
GBT02A-046	Braatz, J. A. Henkel, C. Wilson, A. S.	NRAO Max-Planck-Institut fur Radioa University of Maryland		Monitoring a Maser Disk in Mrk 1419 [J. A. Braatz]	K	S	14 15 17 18	7.00
GBT02A-069	Fisher, R.	NRAO Green Bank Facility		Galaxy Survey of HI emission [R. Fisher]	L	SP	1 3 6 20	10.00
GBT02B-005	Yusef-Zadeh, F. Roberts, D.A. Maddalena, R.	Northwestern University North Western University NRAO-Green Bank		Search for Positronium Recombination Maser Line Emission Toward the Galactic center [F. Yusef-Zadeh]	LX	S	20	4.00
GBT03B-013	Yun, M. Schneider, S. E. Brinks, E. Bravo-Alfaro, H.	University of Massachusetts University of Massachusetts INAOE Universidad de Guanajuato, Mexico		An Unbiased HI Survey of the Coma Cluster and Beyond [M. Yun]	L	S	1 8 9	5.25
GBT03B-015	Ransom, S. Stairs, I. Kaspi, V. Hessels, J. W. T. Backer, D. C.	McGill University University of British Columbia McGill University McGill University University of California, Berkeley		Timing the Pulsars in the Globular Cluster M30 [S. Ransom]	LS	B	6	3.50
GBT03C-031	Jacoby, B. Anderson, S. Kulkarni, S. R. Kaplan, D.L. Backer, D. C.	Caltech Astronomy Caltech Physics Caltech Caltech University of California, Berkeley	A. Minter	Timing the pulsars in M62, NGC 6544, and NGC 6624 and Search for Ultra-fast pulsars [B. Jacoby]	L8	BS	29 30	7.00

Gregorian Bands: Q=40-50GHz, K=18-26.5GHz, U=12.4-15.4GHz, X=8.2-10.0GHz, C=3.95-5.85GHz, S=1.73-2.6GHz, L=1.15-1.73GHz

Prime Focus Bands: 3=0.29-0.395GHz, 4=0.385-0.520GHz, 6=0.51-0.69GHz, 8=0.68-0.92GHz, A=0.91-1.23GHz

* [ ] indicates secondary project; ( ) indicates primary project

Back Ends: 2=S2 recorder, B=BCPM, C=cGBPP, D=Digital Continuum Receiver, O-user supplied, P=Spectral Processor, S=Spectrometer, V=VLBA recorder

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GBT04A-045	Roberts, M. Hessels, J. W. T. Ransom, S. Kaspi, V. Tam, C.R. Livingstone, M. Backer, D. C. Crawford, F. Kaplan, D.L.	McGill University (Physics Dept) McGill University McGill University McGill University McGill McGill University of California, Berkeley Haverford College Caltech		Timing of Three Binary Pulsars Discovered in a Survey of Mid-Latitude EGRET Error Boxes [M. Roberts]	L8	BG	5 6	1.75
GBT04B-007	Law, C. Yusef-Zadeh, F. Maddalena, R. Cotton, B.W. D. Roberts, D.A.	Northwestern University Northwestern University NRAO-Green Bank NRAO-CV North Western University		A Study of the Galactic Center Lobe [C. Law]	XC	P	13 14 15 16 17 18 19	36.34
GBT04B-015	Campbell, D. B. Margot, J.L. Carter, L. Campbell, B.	Cornell University Cornell University Cornell University Smithsonian Institute		Mapping the Topography of Maxwell Montes on Venus [D. B. Campbell]	S	O	12 13	8.00
GBT04B-017	Lovell, A. Schloerb, F. P. Howell, E.	Agnes Scott College University of Massachusetts Arecibo Observatory		OH Observations of Long-Period Comets [A. Lovell]	L	P	10 11 12 13	26.50
GBT04B-019	Cecil, G. N. Christiansen, W. A. Hawthorn, J.	University of North Carolina University of North Carolina Anglo-Australian Observatory		Mapping the Milky Way's Superwind Bubbles [G. N. Cecil]	UCS	D	2 3 4 7 8	21.50
GBT04B-025	Butler, B. Wootten, H. A. Palmer, P.	NRAO-Soc NRAO-CV University of Chicago		Observing NH3 and OH in Comets Q4 NEAT and T7 LINEAR [B. Butler]	K	S	1	0.50
GBT04B-029	Stairs, I. Camilo, F. Kramer, M. Faulkner, A. McLaughlin, M. Lorimer, D. Lyne, A. G. Hobbs, G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Ferdman, R. Ramachandran, R. Backer, D. C.	University of British Columbia Columbia Astrophysics Laboratory NRAL Nuffield Radio Astronomy Laboratories University of Manchester University of Manchester NRAL Australia Telescope National Facility (ATNF) Australia Telescope Osservatorio di Cagliari Osservatorio di Cagliari Osservatorio di Bologna University of British Columbia UC Berkeley (Astronomy)		Timing New Binary and Millisecond Pulsars from the Parkes Multibeam Survey [I. Stairs]	L	BCOG	7	4.00

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	Demorest, P. Nice, D.	University of California, Berkeley UC Berkeley (Physics) Princeton University						
GBT04B-035	Camilo, F. McLaughlin, M. Lorimer, D. Stairs, I. Possenti, A. Kramer, M. Manchester, D.R. N. Joshi, B. Freire, Paulo Lyne, A. G. Burgay, M. D'Amico, N.	Columbia Astrophysics Laboratory University of Manchester University of Manchester University of British Columbia Osservatorio di Cagliari NRAL Australia Telescope National Centre for Radio Astrophysics (India) Arecibo Observatory NRAL Osservatorio di Bologna Osservatorio di Cagliari		Spectral and Temporal Studies of the Two Pulsars in the J0737-3039 System [F. Camilo]	XLCSU	GBC	19 20	15.00
GM051	Mack, K.-H. Snellen, I.A.G. Vermeulen, R. Schilizzi, R. T. Klockner, H.R.	ASTRON RO, Edinburgh Stichting ASTRON JIVE Kapteyn Institute		VLBI HI-absorption observations of a complete sample [K.-H. Mack]	L	V	1 2	15.00
GV017	Kanekar, N. Vermeulen, R. Chengalur, J. Ghosh, T.	Kapteyn Astronomical Institute Stichting ASTRON NCRA (TIFR) Arecibo Obseratory		The physics of an OH megamaser at z # 0.25 [N. Kanekar]	L	V	9 10	14.00
Calibratio	NRAO staff			PTCS Ptg			11 12 13	12.75
Calibratio	Ghigo Kovalev			System Cal	LCSKUQ	DSP	10 11	6.75
Maint	NRAO staff			Maintenance			1 2 3 4 7 8 9 14 15 16 17 18 21 22 23 24 28 29 30	220.00
Setup	NRAO staff			Observation setup	SXCLK83U	OVSDPBGC	1 2 3 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	50.50
Tests	Clark			API Tests	LCSXKU	DSP	8	3.00
Tests	Ghigo			API tests	L	DSP	2 3 7 15 16 17 18	19.75

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Tests	Backer			GASP tests	L	DSP	28 29 30	6.50
Tests	Langston			Ku Band Tests	L	DSP	9	5.00
Tests	Fleming			M&C Install			30	4.00
Tests	Fleming			M&C Integ	LSCKU	DSP	19	4.00
Tests	Braatz			M&C Reg	LCSKU	DSP	28 29	12.00
Tests	Balser			PTCS	LSCXKUQ	DSP	16 19 30	9.83
Tests	NRAO staff			PTCS tests	CKUQSX	DSP	4 5 6	33.25
Total Hrs	Astronomy	332.34						
	Setup	50.50						
	Calibration	19.50						
	Maintenance	220.00						
	Un-assigned							
	Tests	97.33						

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