GBT Observing Schedule for May 2006

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BF088	Fish, V.L.	NRAO New Mexico Facilities		Multifrequency Hydroxyl Maser Observations of G11.90 0.14 [V.L. Fish]	L	V	27	4.50
BF089	Forbrich, J. Massi, M. Ros, E. Menten, K. M.	MPIfR MPIfR MPIfR Max-Planck-Institut Fur Radioa		Selected Protostars for the High Sensitivity Array [J. Forbrich]	X	V	24	4.00
GBT04C-031	Kondratko, P.T. Greenhill, L. J. Moran, J. M. Lovell, J.E.J. Kuiper, T. B. H. Jauncey, D. L.	Harvard University CfA CfA ATNFc/o COSSA JPL ATNF		Monitoring of Five NGC4258-like Water Megamasers Discovered with the GBT and the DSN [P.T. Kondratko]	K	S	(23 25 28 29 30 31)	(33.00)
GBT04C-043	Ransom, S. Freire, P. Gupta, Y.	NRAO - CV Arecibo Observatory National Centre for Radio Astrophysics		Timing the Eccentric Millisecond Pulsar Binary in Globular Cluster NGC 1851 [S. Ransom]	8	G	[31]	[2.00]
GBT04C-050	Lane, W.M. Fisher, R. Kanekar, N. Darling, J.	Naval Research Lab NRAO Green Bank Facility NRAO-AOC Colorado at Boulder, University of		Measurement of Variable Redshifted 21cm Absorption [W.M. Lane]	A	P	13 [24 26]	1.50 [3.00]
GBT05B-032	Thorsett, S. Stairs, I. Arzoumanian, Z.	University of California, Santa Cruz University of British Columbia NASA/GSFC		Timing the millisecond pulsar B1620-26 with the GBT [S. Thorsett]	L	PG	[1]	[1.00]
GBT05B-034	Stairs, I. Camilo, F. Kramer, M. Faulkner, A. McLaughlin, M. Lyne, A. G. Hobbs, G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Ferdman, R. Ramachandran, R. Backer, D. C. Demorest, P. Nice, D.	University of British Columbia Columbia Astrophysics Laboratory Jodrell Bank Jodrell Bank Observatory Jodrell Bank Observatory NRAL Australia Telescope National Facility (ATNF) Australia Telescope Osservatorio di Cagliari Osservatorio di Cagliari Istituto Nazionale di Astrofisica University of British Columbia UC Berkeley (Astronomy) University of California, Berkeley UC Berkeley (Physics) Princeton University		Timing Binary and Millisecond Pulsars from the Parkes Multibeam Survey [I. Stairs]	L	BOG	[1 7 13 14 30]	[19.00]
GBT05B-042	Kramer, M. Stairs, I. Camilo, F. McLaughlin, M.	Jodrell Bank University of British Columbia Columbia Astrophysics Laboratory Jodrell Bank Observatory		Timing and General Relativity in the Double Pulsar System [M. Kramer]	L8	BOG	3 5 7 8 [6 8]	28.00 [8.00]

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	Lyne, A. G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Freire, P. Joshi, B. Ferdman, R.	NRAL Australia Telescope Osservatorio di Cagliari Osservatorio di Cagliari Istituto Nazionale di Astrofisica Arecibo Observatory National Centre for Radio Astrophysics (India) University of British Columbia						
GBT05C-019	Robishaw, T. Heiles, C. E.	University of California at Berkeley University of California		The Galactic Arachnid in the Ursa Major Loop [T. Robishaw]	L	P	[8 9 10 11]	[11.00]
GBT05C-023	Camilo, F. Ransom, S. Gaensler, B.M. Slane, P.O. Lorimer, D. Manchester, D.R. N.	Columbia Astrophysics Laboratory NRAO - CV CFA CfA Jodrell Bank Observatory Australia Telescope		PSR J1833-1034, the Very Young Pulsar in the SNR G21.5-0.9 [F. Camilo]	8	GB	[6 8]	[2.00]
GBT05C-037	Kanekar, N. Carilli, C. L. Langston, G. I. Stocke, J. T. Menten, K. M. Rocha, G.	NRAO-AOC NRAO - Socorro NRAO-GB University of Colorado Max-Planck-Institut Fur Radioa University of Cambridge		Measuring changes in fundamental constants with redshifted OH lines [N. Kanekar]	A	S	13 15 24 26 [16 18 23 25]	6.00 [6.00]
GBT05C-042	Ransom, S. Freire, P. Hessels, J. W. T. Begin, S. Stairs, I. Camilo, F. Kaspi, V.	NRAO - CV Arecibo Observatory McGill University University of British Columbia University of British Columbia Columbia Astrophysics Laboratory McGill University		Timing the Binary and Millisecond Pulsars in NGC6440 and NGC6441 [S. Ransom]	S	GY	[9 10 11 12]	[14.00]
GBT05C-043	Kanekar, N. Carilli, C. L. Stocke, J. T.	NRAO-AOC NRAO - Socorro University of Colorado		A blind GBT survey for redshifted molecular absorption [N. Kanekar]	Q	S	(23 24 25 27 28)	(8.00)
GBT05C-046	Stairs, I. Lorimer, D.	University of British Columbia Jodrell Bank Observatory		Timing of a Relativistic Binary and other Pulsars from the Arecibo PALFA Survey [I. Stairs]	L	YG	[9 11]	[8.00]
GBT05C-065	Braatz, J. A. Gugliucci, N.	NRAO - CV University of Virginia		Measuring the Extragalactic Distance Scale: A Target of Opportunity [J. A. Braatz]	K	S	(1 6 23 25)	(4.00)
GBT05C-066	Remijan, A. Snyder, L. E. Friedel, D.	National Radio Astronomy Observatory University of Illinois University of Illinois at Urbana-Champaign		Comet 73/P Schwassmann-Wachmann: Molecular Complexity in Short Period Comets [A. Remijan]	UK	S	(29 31)	(16.00)

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GBT06A-007	Possenti, A. McLaughlin, M. Burgay, M. Turolla, R. Popov, S. Zane, S.	Osservatorio di Cagliari Jodrell Bank Observatory Istituto Nazionale di Astrofisica University of Padua Sternberg Astronomical Institute, Moscow MSSL		Searching bursting radio emission from X-ray Dim Isolated Neutron Stars (XDINSs) [A. Possenti]	S8	GB	26 27 29 [28 29 30 31]	27.00 [36.00]
GBT06A-009	Condon, J. J. Braatz, J. A. Lo, F.K. Y.	NRAO-CV NRAO - CV NRAO-CV		H_0 and Dark Energy [J. J. Condon]	K	S	(23 25)	(14.00)
GBT06A-011	Blanton, M. Geha, M. West, A.A.	New York University Carnegie Observatories California at Berkeley, University of		HI Content and Dynamics of Dwarf Disk Galaxies [M. Blanton]	L	S	(16 18 19 20 21 22)	(38.00)
GBT06A-014	Tarchi, A. Henkel, C. Brunthaler, A. Braatz, J. A.	Istituto di Radioastronomia Max-Planck-Institut fur Radioa MPIfR NRAO - CV		H2O vs Continuum in the Megamaser 3C403: Reverberation Mapping of the Nucleus [J. A. Braatz]	K	S	(6 8)	(4.00)
GBT06A-018	McMullin, J. Balser, D.S.	NRAO-SOC NRAO - Green Bank		Isotopic Abundances in Planetary Nebulae [D.S. Balser]	Q	S	(1 3 8 10 19 20 21 22 24 26 29 31)	(31.50)
GBT06A-019	Osten, R.A.	NRAO-CV		Wideband Dynamic Spectroscopy of Coherent Radio Bursts on Active M Dwarfs [R.A. Osten]	S	G	31	5.00
GBT06A-020	Wiesenfeld, L. Morris, M. R. Requena-Torres, M.A. Ceccarelli, C. Faure, A. Valiron, P.	Universite Joseph Fourier, Grenoble UCLA Consejo Superior de Investigaciones (CSIC) Observatoire de Grenoble Observatoire de Grenoble Laboratoire d'Astrophysique, Univ. J. Fourier, Grenoble		Cyanopolyynes in a low mass protostar [L. Wiesenfeld]	X	S	(23 24 25 26)	(8.00)
GBT06A-022	Braatz, J. A. Gugliucci, N. Frail, D. A. Markwardt, C. Tueller, J. Gehrels, N.	NRAO - CV University of Virginia NRAO-SOC NASA/GSFC NASA/GSFC NASA		Water Vapor Megamasers in an X-Ray Selected Sample of AGNs [J. A. Braatz]	K	S	(20 21 22)	(10.25)
GBT06A-026	Kanekar, N. Ellison, S.E. York, B	NRAO-AOC University of Victoria University of Victoria		A search for 21cm absorption towards MgII absorbers in the redshift desert [N. Kanekar]	8	P	7 [1 6 8] (9 11)	4.25 [11.50] (5.00)
GBT06A-027	Masters, K. Huchra, J. Macri, L.	Harvard-Smithsonian Center for Astrophysics Center for Astrophysics		Mapping Matter in the Nearby Universe with 2MASS [K. Masters]	L	S	6 [1 2 4 5 6 7 8 9 11 13 16 18]	2.25 [29.75]

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	Jarrett, T.H. Crook, A.	National Optical Astronomy Observatory (NOAO) Caltech MIT						
GBT06A-030	Campbell, D. B. Campbell, B. Carter, L. Ghent, R. Margot, J.L. Stacy, N.	Cornell University Smithsonian Institute Smithsonian Institution Smithsonian Institution Cornell University Defence Science and Technology Organization, Australia		Lunar surface studies via S-Band radar imagery and interferometry [D. B. Campbell]	S	X	1	1.25
GBT06A-032	Braatz, J. A. Lo, F.K. Y. Jewell, P. R.	NRAO - CV NRAO-CV NRAO-GB		A Search for the First SiO Megamaser [J. A. Braatz]	Q	S	(1 7 14)	(9.25)
GBT06A-038	Troland, T. H. Lockman, F. J. Robishaw, T. Benjamin, R.A.	University of Kentucky NRAO-GB University of California at Berkeley University of Wisconsin-Whitewater		Magnetic Fields in the Galactic Halo via the HI Zeeman Effect [T. H. Troland]	L	P	[1 21 23 25]	[17.75]
GBT06A-039	Camilo, F. Gaensler, B.M. Lorimer, D. Ransom, S.	Columbia Astrophysics Laboratory CFA Jodrell Bank Observatory NRAO - CV		Deep Searches of Three Pulsar Wind Nebulae [F. Camilo]	S	G	[16 18]	[12.00]
GBT06A-046	Langston, G. I. Turner, B.	NRAO-GB NRAO-CV		A search for the Largest Interstellar Molecule, HC_13N [G. I. Langston]	U	S	6 [3 5 12 13 14 17 19 20 21 22 23 24 25 29 30 31]	2.75 [65.08]
GBT06A-047	Requena-Torres, M.A. Martin-Pintado, J. Martin, S. Morris, M. R. Rodriguez-Franco, A.	Consejo Superior de Investigaciones (CSIC) Consejo Superior de Investigaciones (CSIC) Instituto de RadioAstronomica Milimetrica (IRAM) UCLA DAMIR-IEM-CSIC		Complex Molecules in the Galactic Center molecular clouds [M.A. Requena-Torres]	KU	S	17 (1 3 5 6 12 13 14 15)	4.50 (27.00)
GBT06A-049	Readhead, A. C. S. Weintraub, L. Mason, B.S. Pearson, T. J. Shepherd, M. C.	Caltech California Institute of Technology NRAO Green Bank Facility Caltech Caltech		Definitive Detection of Excess Arcminute Scale CMB Anisotropies [L. Weintraub]	B	O	(2 3 4 5 7 8 10 12 13 14)	(33.00)
GBT06A-050	Begin, S. Freire, P. Ransom, S. Stairs, I.	University of British Columbia Arecibo Observatory NRAO - CV University of British Columbia		Timing of the Binary and Millisecond Pulsars in M28, NGC6624 and NGC6522 [S. Begin]	S	G	17	1.50

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	Hessels, J. W. T. Kaspi, V.	McGill University McGill University						
GBT06A-054	Demorest, P. Backer, D. C. Ferdman, R. Stairs, I. Nice, D. Jacoby, B.A. Bailes, M. Ord, S.	UC Berkeley (Physics) University of California, Berkeley University of British Columbia University of British Columbia Princeton University Naval Research Lab Swinburne University of Technology Swinburne University of Technology		Long-term Precision Timing of Millisecond Pulsars [P. Demorest]	8L	YR	[1 2 3 4 5]	[31.00]
GBT06A-056	Kondratko, P.T. Greenhill, L. J. Moran, J. M.	Harvard University CfA CfA		Are there Unrecognized NGC4258-like Systems Among Known Water Masers in AGN? [P.T. Kondratko]	K	S	(1 5 6 7 8 12 13 14 15 16 17 18 19)	(53.75)
GBT06A-061	Zwaan, M.A. Peroux, C. Liske, J. Murphy, M. T. Bouche, Nicolas Curran, S.	European Southern Observatory (ESO) European Southern Observatory (ESO) European Southern Observatory (ESO) Cambridge, University of Max-Planck-Institut for extraterrestrische Physik University of New South Wales		HI 21-cm absorption in MgII and CaII absorbers [M.A. Zwaan]	8A	S	13 14 [2 3 4 5 13 15 17]	11.00 [29.00]
GBT06A-063	Zwaan, M.A. Peroux, C. Liske, J. Murphy, M. T. Bouche, Nicolas Curran, S.	European Southern Observatory (ESO) European Southern Observatory (ESO) European Southern Observatory (ESO) Cambridge, University of Max-Planck-Institut for extraterrestrische Physik University of New South Wales		Where are the molecular absorption lines? [M.A. Zwaan]	L8A	S	10 [3 5 6 8 12 13 14 15 16 17 18 19] (2 4 9 11)	6.00 [29.00] (46.00)
GBT06A-065	Friesen, R. Di Francesco, J. Johnstone, D. Shirley, Y.L.	Victoria, University of National Research Council Canada NRC-HIA University of Arizona		Probing the initial conditions of star formation in Ophiuchus [R. Friesen]	K	S	(1 3 5 6 8 10 12)	(18.50)
GBT06A-066	Nidever, D. Majewski, S.R. Burton, W. B.	Virginia, University of University of Virginia		HI Mapping of the Extended Magellanic Stream [D. Nidever]	L	P	27 28	16.00
GBT06A-067	Lovell, A. Howell, E. Butler, B.	Agnes Scott College Arecibo Observatory NRAO-Soc		Observations of 73P/Schwassmann-Wachmann-3 at Close Approach to Earth [A. Lovell]	L	P	19 20 21 22	48.00

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	Schloerb, F. P.	University of Massachusetts						
GBT06A-070	Camilo, F. Ransom, S. Halpern, J. P. Helfand, D. J.	Columbia Astrophysics Laboratory NRAO - CV Columbia University Columbia University		Studying (transient) pulsed radio emission from a magnetar [F. Camilo]	CUSX8	GBM	(2 4 16 18)	(16.00)
Comm	NRAO staff			HF Comm	PBQ	DSPK	(16 18 23 25 30)	(31.00)
Maint	NRAO staff			Install PF2	A		12	4.00
Maint	NRAO staff			Install PF1	8		26	4.00
Maint	NRAO staff			Maintenance			[2 4 9 11 16 18 23 25] (3 5 17)	[68.00] (12.00)
Not Sched	NRAO staff						(1 3 5 12 17 19 24 28 29 30 31)	(35.00)
Setup	NRAO staff			Observation setup	LXK8ASQUBC	VSGPBOYXRDM	1 3 5 6 7 8 10 13 14 15 17 19 20 21 22 24 26 27 28 29 31 [1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 28 29 30 31] (1 2 3 4 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 30 31)	15.50 [40.50] (46.42)
Tests	NRAO staff			M&C Integ			10 17 [9 11]	9.25 [8.00]
Tests	NRAO staff			M&C Reg	L	DSP	15	11.00
Tests	Minter			NL & K band tests	K	DSP	(2 4)	(7.00)
Tests	NRAO staff			Pointing X band	X	DSP	(9 11)	(16.00)
Tests	NRAO staff			RCO*8 800	8	DSP	26	2.00
Tests	NRAO staff			RCO*A PF2	A	DSP	12	2.00

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Total Hrs	Astronomy	548.75	335.08					
	Setup	61.92	40.50					
	Commissioning	31.00						
	Maintenance	20.00	68.00					
	Un-assigned	35.00						
	Tests	47.25						

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