

# GBT Observing Schedule for March 2006

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BB184	Braatz, J. A. Greenhill, L. J. Henkel, C. Moran, J. M. Wilson, A. S.	NRAO - CV CfA Max-Planck-Institut fur Radioa CfA University of Maryland		Imaging Accretion Disks and Measuring Distances to Galaxies [J. A. Braatz]	K	V	25 26	10.00
BB217	Boyce, E. Winn, J. Myers, S. Rusin, D. Hewitt, J. N. Keeton, C.	MIT CfA NRAO -SOC Univer of Penn Massachusetts Institute of Tec Rutgers University		Observations of Gravitational Lens Central Images	C	V	15 16	4.25
BH139	Hough, D. H. Aars, C.	Trinity University Angelo U		HSA Imaging of the Faint Nucleus in the FR-II Radio Galaxy 3C441 [D. H. Hough]	X	V	26	3.00
GBT04A-038	Mason, B.S. Readhead, A. C. S. Reeves Diaz, R. Bustos, R. Pearson, T. J. Myers, S. Shepherd, M. C.	NRAO Green Bank Facility Caltech Universidad de Concepcion Universidad de Concepcion Caltech NRAO -SOC Caltech		GBT Observations of Radio Sources in CBI Intrinsic Anisotropy Fields [B.S. Mason]	B	OD	(20 22)	(17.50)
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	(20 21 22 23)	(8.00)
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]	3	G	12	1.00
GBT05A-020	Shirley, Y.L. Li, Zhi-Yun	University of Arizona University of Virginia		The Chemical and Dynamical State of Purportedly Nascent Pre-protostellar Cores in Lynds 1521 [Y.L. Shirley]	K	S	(12 17)	(5.25)
GBT05A-033	Stairs, I. Camilo, F. Kramer, M. Faulkner, A. McLaughlin, M. Lorimer, D. Lyne, A. G. Hobbs, G. Manchester, D.R. N. Possenti, A.	University of British Columbia Columbia Astrophysics Laboratory Jodrell Bank Jodrell Bank Observatory Jodrell Bank Observatory Jodrell Bank Observatory NRAL Australia Telescope National Facility (ATNF) Australia Telescope Osservatorio di Cagliari		Shapiro Delay in the PSR J1802-2124 System [I. Stairs]	L	OG	16 17	16.00

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

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	D'Amico, N. Burgay, M. Ferdman, R. Ramachandran, R. Backer, D. C. Demorest, P. Nice, D.	Osservatorio di Cagliari Istituto Nazionale di Astrofisica University of British Columbia UC Berkeley (Astronomy) University of California, Berkeley UC Berkeley (Physics) Princeton University						
GBT05B-023	Juett, Adrienne Ransom, S. Chakrabarty, Deepto	University of Virginia NRAO - CV Massachusetts Institute of Technology (Astrophysics)		A Search for Radio Pulsations from the Accreting Millisecond X-ray Pulsar SAX J1808.4-3658 [Adrienne Juett]	SC	GS	1	5.50
GBT05B-042	Kramer, M. Stairs, I. Camilo, F. McLaughlin, M. Lyne, A. G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Freire, P. Joshi, B. Ferdman, R.	Jodrell Bank University of British Columbia Columbia Astrophysics Laboratory Jodrell Bank Observatory 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		Timing and General Relativity in the Double Pulsar System [M. Kramer]	L8	BOG	[4 6]	[11.00]
GBT05B-044	McLaughlin, M. Possenti, A. Stairs, I. Kramer, M. Lyne, A. G. Lyutikov, M. Burgay, M. Manchester, D.R. N. Freire, P. Camilo, F.	Jodrell Bank Observatory Osservatorio di Cagliari University of British Columbia Jodrell Bank NRAL McGill University Istituto Nazionale di Astrofisica Australia Telescope Arecibo Observatory Columbia Astrophysics Laboratory		Studying the Interactions in the J0737-3039 System [M. McLaughlin]	3	BYG	10	6.00
GBT05C-020	Remijan, A. Hollis, J. M. Lovas, F. J. Jewell, P. R. Snyder, L. E.	National Radio Astronomy Observatory NASA/GSFC Nat'l Instit. of Standards and Technology NRAO-GB University of Illinois		Confirmation Of Interstellar Methyltriacetylene (CH <sub>3</sub> C <sub>6</sub> H) Toward Tmc-1 [A. Remijan]	K	S	1 5	18.00
GBT05C-023	Camilo, F. Ransom, S. Gaensler, B.M. Slane, P.O.	Columbia Astrophysics Laboratory NRAO - CV CFA CfA		PSR J1833-1034, the Very Young Pulsar in the SNR G21.5-0.9 [F. Camilo]	83	GB	4 12	4.75

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	Lorimer, D. Manchester, D.R. N.	Jodrell Bank Observatory Australia Telescope						
GBT05C-026	Devlin, T. Devlin, M.J. Mason, B.S.	Rutgers University Rutgers Univ. and Univ. of Pennsylvania NRAO Green Bank Facility		Polarization of 30 GHz emission from extra-galactic sources [T. Devlin]	XQ	P	(28 29 30 31)	(11.00)
GBT05C-032	Shirley, Y.L. Mangum, J. G.	University of Arizona NRAO Charlottesville		Tracing Protostellar Mass During Star Formation with 7mm and 9mm Continuum [J. G. Mangum]	BQ	D	(6 8 31)	(36.00)
GBT05C-041	Agueros, M. Camilo, F. Anderson, S. B.	Columbia Astrophysics Laboratory University of Washington		Detecting Pulsar Companions to Two Very Low-Mass White Dwarfs [M. Agueros]	8	G	8	2.75
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	7	7.00
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	12	3.75
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	5 (24 26)	1.00 (2.00)
GBT06A-001	Fish, V.L.	NRAO New Mexico Facilities		SiH: The Hiding Hydride [V.L. Fish]	C	S	2	4.00
GBT06A-009	Condon, J. J. Braatz, J. A. Lo, F.K. Y.	NRAO-CV NRAO - CV NRAO-CV		H <sub>0</sub> and Dark Energy [J. J. Condon]	K	S	(11 12 18 19)	(21.75)
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	[28 30]	[14.00]
GBT06A-014	Tarchi, A. Henkel, C. Brunthaler, A. Braatz, J. A.	Istituto di Radioastronomia Max-Planck-Institut fur Radioa MPIfR NRAO - CV		H <sub>2</sub> O vs Continuum in the Megamaser 3C403: Reverberation Mapping of the Nucleus [J. A. Braatz]	K	S	(7 9)	(4.00)
GBT06A-018	McMullin, J. Balsler, D.S.	NRAO-SOC NRAO - Green Bank		Isotopic Abundances in Planetary Nebulae [D.S. Balsler]	Q	S	5 (13 15 26)	6.00 (12.50)
GBT06A-027	Masters, K. Huchra, J. Macri, L. Jarrett, T.H.	Harvard-Smithsonian Center for Astrophysics Center for Astrophysics National Optical Astronomy		Mapping Matter in the Nearby Universe with 2MASS [K. Masters]	L	S	3 [7 9 11 12 13 14 15 16 17 18 19 20 22 27 31]	5.50 [67.50]

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	Crook, A.	Observatory (NOAO) Caltech MIT						
GBT06A-028	Hewitt, J. Yusef-Zadeh, F.	Northwestern University Northwestern University		Mapping Radio Recombination Line Emission Toward SNRs W28 and W44 [J. Hewitt]	C	S	2	4.00
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	8	3.75
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	(13 14 16 17 18 19 20 24 25 26 27 29)	(38.75)
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	3 7 9 11 [7 9 10 12 13 14 15 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31]	9.75 [128.00]
GBT06A-040	McKinnon, M.	NRAO-SOC		Spectroscopy of Bright, Northern Pulsars at 1.67 and 22.2 GHz [M. McKinnon]	LK	M	[31] (28 29 30 31)	[3.50] (37.00)
GBT06A-042	Sahai, R. Claussen, M. J. Morris, M. R. Sanchez-Contreras, C.	Jet Propulsion Laboratory NRAO-SOC UCLA California Institute of Technology		A Mysterious Outflow Source --- Protostar, Dying Star, or Something Else ? [M. J. Claussen]	K	S	(4 6)	(14.00)
GBT06A-044	Darling, J. Stocke, J. T. Willett, K.	Colorado at Boulder, University of University of Colorado University of Colorado at Boulder		Intrinsic HI and OH Absorption in Compact Radio Sources at High Redshift [J. Darling]	3	S	11 12	11.00
GBT06A-046	Langston, G. I. Turner, B.	NRAO-GB NRAO-CV		A search for the Largest Interstellar Molecule, HC <sub>13</sub> N [G. I. Langston]	U	S	[25 27]	[5.00]
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	5 (7 9 10 12 13 14 15 19 20 21 22 23 24 25 26 27)	5.50 (97.75)
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	22	1.50

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GBT06A-051	Agueros, M. Camilo, F. Silvestri, N. Anderson, S. B. Kleinmann, S. G. Liebert, J.	Columbia Astrophysics Laboratory University of Washington University of Washington Subaru Telescope, NAOJ University of Arizona		Detecting Pulsar Companions to Very Low-Mass White Dwarfs [M. Agueros]	8	G	2 3	9.00
GBT06A-053	Ransom, S. Hessels, J. W. T. Stairs, I. Freire, P. Kaspi, V. Camilo, F.	NRAO - CV McGill University University of British Columbia Arecibo Observatory McGill University Columbia Astrophysics Laboratory		Continued Timing of the Binary and Millisecond Pulsars in Terzan 5 [S. Ransom]	S	G	9 10 11 14 20 [25 27]	37.50 [15.00]
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	4 [6 8]	7.50 [15.00]
GBT06A-060	West, A.A. Willman, Beth	California at Berkeley, University of New York University		A Search for HI Associated with New Milky Way Companions [A.A. West]	L	S	1	4.00
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	1 2 4 [4 6 7 9 11 14 16 17 18 19 20 22 25 27 29 31]	13.00 [78.25]
GBT06A-068	Shirley, Y.L. Myers, P. C.	University of Arizona Center for Astrophysics		The Kinematical and Chemical Structure of Pre-protostellar Cores [Y.L. Shirley]	K	S	(13 14 15 16 18 19 21 22 23 24 25 27 29 31)	(102.00)
GM062	Orienti, M. Morganti, R. Dallacasa, D. Oosterloo, T.	Bologna NFRA/ASTRON Isst. Radioastronomia NFRA/ASTRON		What causes the very broad HI absorption in radio galaxies? [R. Morganti]	L	V	2 3	12.50
Comm	NRAO staff			HF Comm	PBQ	D	(21 23 28 30)	(27.00)
Maint	NRAO staff			Install 340	3	D	10	4.00
Maint	NRAO staff			Install 800	8	DSP	(13)	(3.50)

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Maint	NRAO staff			Maintenance			[6 8 13 15 21 23 28 30] (17 24 31)	[68.00] (12.00)
Setup	NRAO staff			Observation setup	KCXB3LS8QU	VODSGBYPX MKR	1 2 3 4 5 7 8 9 10 11 12 14 15 16 17 20 22 25 26 [4 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 25 26 27 28 29 30 31] (4 6 7 8 9 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31)	23.50 [32.50] (31.50)
Tests	NRAO staff			M&C Integ			29 [20 21 22 23]	5.00 [20.00]
Tests	NRAO staff			M&C Reg	L	DSP	[24 26]	[25.00]
Tests	Minter			PCO 6A40	K	G	(14 15 16)	(7.75)
Tests	NRAO staff			RCO*3 340	3	DSP	10	2.75
Tests	NRAO staff			RCO*8 800	8	DSP	[13 15]	[4.00]
Total Hrs	Astronomy	625.00		337.25				
	Setup	55.00		32.50				
	Commissioning	27.00						
	Maintenance	19.50		68.00				
	Un-assigned	2.00						
	Tests	15.50						

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