

# GBT Observing Schedule for February 2006

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
GBT01A-005	Turner, B. Langston, G. I.	NRAO-CV NRAO-GB		A High-resolution Spectral Survey Of Tmc-1 At Q-band [B. Turner G. I. Langston]	Q	S	6 13 (21 23)	8.50 (9.50)
GBT04A-006	Bregman, J. N. Irwin, M.J.	University of Michigan Institute of Astronomy		X-Ray Astronomy at Radio Wavelengths (Measuring 106 K Gas With the NVII Radio Line) [J. N. Bregman]	Q	S	(19 20 21 22 23 24)	(28.00)
GBT04A-027	Mason, B.S. Bustos, R. Myers, S. Pearson, T. J. Readhead, A. C. S. Martin, S. Reeves Diaz, R.	NRAO Green Bank Facility Universidad de Concepcion NRAO -SOC Caltech Caltech Caltech Astronomy Universidad de Concepcion		Determining the High Frequency Properties of mJy radio sources [B.S. Mason]	B	OD	6 8	13.00
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	1 2 8 (19 26)	14.00 (16.50)
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	1 8 9	21.00
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	11 17	5.25
GBT05A-011	Ransom, S. Camilo, F. Stairs, I. Kaspi, V. Hessels, J. W. T. Freire, P.	NRAO - CV Columbia Astrophysics Laboratory University of British Columbia McGill University McGill University Arecibo Observatory		Timing of the Binary and Millisecond Pulsars in Terzan5 [S. Ransom]	S	GO	3	7.25
GBT05A-041	Demorest, P. Backer, D. C. Ferdman, R. Stairs, I. Nice, D. Ramachandran, R.	UC Berkeley (Physics) University of California, Berkeley University of British Columbia University of British Columbia Princeton University UC Berkeley (Astronomy)		Precision Timing of Binary and Millisecond Pulsars [P. Demorest]	L8S	COG	3 4 5	10.75
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	[28]	[1.00]

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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	27 [28]	8.00 [1.50]
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	16 17	5.00
GBT05C-010	Chin, Y. Lemme, C. Kaiser, Ralf I.	German Cultural Center Taipei University of Hawaii, Chemistry Department		A Search for Interstellar Benzonitrile (C6H5CN) -- A Key Tracer of Benzene [Y. Chin]	KC	S	1 3 4	12.00
GBT05C-015	Henkel, C. Braatz, J. A. Ott, J. Menten, K. M.	Max-Planck-Institut fur Radioa NRAO - CV ATNF Max-Planck-Institut Fur Radioa		Ammonia in Ultraluminous Infrared Galaxies [J. A. Braatz]	K	S	2	5.00
GBT05C-018	Robishaw, T. Heiles, C. E. Quataert, E.	University of California at Berkeley University of California University of California at Berkeley		OH Megamasers in ULIRGs: The Mega-Obvious Place to Look for Zeeman Splitting! [T. Robishaw]	L	P	6 7	3.00
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	4 21	5.50
GBT05C-020	Remijan, A. Hollis, J. M. Lovas, F. J.	National Radio Astronomy Observatory NASA/GSFC		Confirmation Of Interstellar Methyltriacetylene (CH3C6H) Toward Tmc-1 [A. Remijan]	K	S	(27)	(10.00)

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	Jewell, P. R. Snyder, L. E.	Nat'l Instit. of Standards and Technology NRAO-GB University of Illinois						
GBT05C-022	Braatz, J. A. Henkel, C.	NRAO - CV Max-Planck-Institut fur Radioa		The Accretion Disks and Supermassive Black Holes in NGC 2273 and NGC 4051 [J. A. Braatz]	K	S	(28)	(4.00)
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	16	1.00
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	(23 25)	(6.00)
GBT05C-029	Thuan, T. X. Izotov, Y. Hibbard, J. E. Hunt, L.	University of Virginia Kiev Observatory NRAO-CV INAF-Istituto di Radioastronomia		The HI Content of Extremely Metal-deficient Blue Compact Dwarf Galaxies [J. E. Hibbard]	L	S	[28]	[2.00]
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	5	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 13	7.50
GBT05C-064	Macquart, J.P. Kanekar, N. Frail, D. A. Myers, P. C.	NRAO - Soc NRAO-AOC NRAO-SOC Center for Astrophysics		A Targeted High Frequency Search for Pulsars at the Galactic Center [N. Kanekar]	U	G	11 15	7.50
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	8 (28)	1.00 (1.00)
GBT06A-001	Fish, V.L.	NRAO New Mexico Facilities		SiH: The Hiding Hydride [V.L. Fish]	C	S	2 3 4 5 6 9 10 11 13 14 17 18 20 [19 20 21 22 23 24 28]	42.00 [27.50]
GBT06A-003	Clemens, C.	North Carolina, University of		Observational Tests for Non-radial Oscillations in Radio	L	BR	[25 26]	[8.00]

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	Rosen, Rachel Jacoby, B.A.	North Carolina, University of Naval Research Lab		Pulsars [C. Clemens]				
GBT06A-004	Reach, W. T. Palla, F. Riccardo, V. Morris, P.	Caltech Spitzer Science Center Osservatorio Astrofisico di Arcetri IPAC/Caltech		Water Masers from Protostars in IC 1396A [W. T. Reach]	K	S	(23 25)	(6.00)
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	5 6 7 12 15 (22 24)	25.25 (6.00)
GBT06A-013	Braatz, J. A. Lo, F.K. Y.	NRAO - CV NRAO-CV		Finding Signatures of a Maser Disk in a Quasar at z=0.66 [J. A. Braatz]	U	S	14 15	10.00
GBT06A-014	Tarchi, A. Henkel, C. Brunthaler, A. Braatz, J. A.	Istituto di Radioastronomia Max-Planck-Institut fur Radioastronomie MPIfR NRAO - CV		H <sub>2</sub> O vs Continuum in the Megamaser 3C403: Reverberation Mapping of the Nucleus [J. A. Braatz]	K	S	5	2.00
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	12	8.25
GBT06A-027	Masters, K. Huchra, J. Macri, L. Jarrett, T.H. Crook, A.	Harvard-Smithsonian Center for Astrophysics Center for Astrophysics National Optical Astronomy Observatory (NOAO) Caltech MIT		Mapping Matter in the Nearby Universe with 2MASS [K. Masters]	L	S	7 10 11 13 16 17 28	35.25
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	18 20 21 27	18.75
GBT06A-030	Campbell, D. B. Campbell, B. Carter, L. Ghent, R. Margot, J.L. Stacy, N.	Cornell University Smithsonian Institution 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	10 11 12 13	11.00
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	(28)	(3.00)

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GBT06A-043	Morgan, L. Urquhart, J. Thompson, M.	National Radio Astronomy Observatory (NRAO) University of Leeds The University Of Hertfordshire		OH Masers In Triggered Star Forming Regions [L. Morgan]	L	S	[22 24]	[2.00]
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	[22 24 25 26]	[8.00]
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	14 15 16 (19 22 23 24 25 26 27)	17.25 (54.25)
GBT06A-050	Begin, S. Freire, P. Ransom, S. Stairs, I. Hessels, J. W. T. Kaspi, V.	University of British Columbia Arecibo Observatory NRAO - CV University of British Columbia McGill University McGill University		Timing of the Binary and Millisecond Pulsars in M28, NGC6624 and NGC6522 [S. Begin]	S	G	11 15	3.50
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	[27 28]	[6.50]
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	3.00
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	18 [19 20 22 23 24 25 26]	6.00 [47.00]
GBT06A-062	Margot, J.L. Campbell, D. B. Jurgens, R. Slade, M.	Cornell University Cornell University JPL JPL		Venus spin dynamics [J.L. Margot]	X	X	7 9 12 14 19 23 25	15.75
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	3 4 9 16 18 20 24 26 [19 21 23 24 25 26 27 28]	33.50 [39.00]
GM060	McKean, J.P. Browne, I. W. A. Fassnacht, C. D. Koopmans, L. V. E. Porcas, R.	UC Davis NRAL UC, Davis University of Groningen MPIfR		The dark matter density prole of a moderate redshift group [J.P. McKean]	C	V	17	10.00

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Comm	NRAO staff			HF Comm	QB	DSP	15 (28)	2.00 (11.00)
Maint	NRAO staff			Maintenance			1 6 10 13 16 22 [28] (24)	37.50 [8.50] (4.00)
Setup	NRAO staff			Observation setup	QBK8SLXUC	SODGCPBYR XKV	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 28 [19 20 21 22 23 24 25 26 27 28] (19 21 22 23 24 25 26 27 28)	42.00 [17.50] (12.50)
Tests	O'Neil			Astrid Tests	L	DSP	4	3.50
Tests	NRAO staff			M&C Integ			8 9 15	17.50
Tests	NRAO staff			M&C Reg	LXS	DSP	10	8.50
Tests	NRAO staff			M&C tests	L	DSP	2	5.50
Total Hrs	Astronomy	528.00		142.50				
	Setup	54.50		17.50				
	Commissioning	13.00						
	Maintenance	41.50		8.50				
	Un-assigned							
	Tests	35.00						

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