

# GBT Observing Schedule for November 2006

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BM251	Miller, N. Wrobel, J. Ho, L. C.	JHU NRAO-SOC Carnegie Observatories		High Sensitivity Array Observations of the Intermediate-Mass Black Hole in J170902+641728 [N. Miller]	L	V	2	8.50
GBT02A-054	Stairs, I. Lyne, A. G. Kramer, M. Athanasiadis, D.	University of British Columbia NRAL Jodrell Bank Nuffield Radio Astronomy Laboratories	Scott Ransom	High-resolution Studies of a Precessing Pulsar [I. Stairs]	L	BY	8	6.00
GBT05B-011	Minter, A.	NRAO - Green Bank	Toney Minter	Using Pulsar HI Absorption to Determine the Distance to the Local Spiral Arm in the Second Quadrant of the Galaxy [A. Minter]	L	P	9	5.00
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 West Virginia University Australia Telescope	Scott Ransom	PSR J1833-1034, the Very Young Pulsar in the SNR G21.5-0.9 [F. Camilo]	8	GB	15	1.00
GBT05C-051	Braatz, J. A. Gugliucci, N.	NRAO - CV University of Virginia	Jim Braatz	A Snapshot Survey for H2O Megamasers in Nearby, Luminous Galaxies [J. A. Braatz]	K	S	2 3 (26 27)	5.00 (7.50)
GBT06A-004	Reach, W. T. Palla, F. Riccardo, V. Morris, P.	IPAC, Caltech Osservatorio Astrofisico di Arcetri IPAC/Caltech	Toney Minter	Water Masers from Protostars in IC 1396A [W. T. Reach]	K	S	(18 20)	(7.00)
GBT06A-014	Tarchi, A. Henkel, C. Brunthaler, A. Braatz, J. A.	Istituto Nazionale di Astrofisica Max-Planck-Institut fur Radioa MPIfR NRAO - CV	Jim Braatz	H2O vs Continuum in the Megamaser 3C403: Reverberation Mapping of the Nucleus [J. A. Braatz]	K	S	3	2.50
GBT06A-026	Kanekar, N. Ellison, S.E. York, B.	NRAO-AOC University of Victoria University of Victoria	Toney Minter	A search for 21cm absorption towards MgII absorbers in the redshift desert [N. Kanekar]	6	P	2 5 6 7	9.50
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	Scott Ransom	Long-term Precision Timing of Millisecond Pulsars [P. Demorest]	L	YR	25	8.00
GBT06A-056	Kondratko, P.T. Greenhill, L. J.	Harvard University CfA	Jim Braatz	Are there Unrecognized NGC4258-like Systems Among Known Water Masers in AGN? [P.T. Kondratko]	K	S	14 15	6.25

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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

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	Moran, J. M.	CfA						
GBT06A-065	Friesen, R. Di Francesco, J. Johnstone, D. Shirley, Y.L.	Victoria, University of National Research Council Canada NRC-HIA University of Arizona	Toney Minter	Probing the initial conditions of star formation in Ophiuchus [R. Friesen]	K	S	3	4.75
GBT06B-011	Champion, David McLaughlin, M. Lorimer, D.	McGill University WVU West Virginia University	Scott Ransom	High precision timing a double neutron star system [David Champion]	3	G	24	12.00
GBT06B-014	Freire, P. Ransom, S. Gupta, Y.	Arecibo Observatory NRAO - CV National Centre for Radio Astrophysics	Scott Ransom	Continued timing of the eccentric binary system in the globular cluster NGC 1851 [S. Ransom]	3	G	20 21 22 24 25 26 27	20.83
GBT06B-018	Kramer, M. Stairs, I. McLaughlin, M. Ferdman, R. Camilo, F. Lyne, A. G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Freire, P.	Jodrell Bank University of British Columbia WVU University of British Columbia Columbia Astrophysics Laboratory NRAL Australia Telescope Istituto Nazionale di Astrofisica Osservatorio di Cagliari Istituto Nazionale di Astrofisica Arecibo Observatory	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	83	GBY	11 12 13 15 16 17 25	48.75
GBT06B-019	Minter, A.	NRAO - Green Bank	Toney Minter	Obtaining A Complete Sample Of Pulsar OH Absorption With The GBT [A. Minter]	L	M	[19 27 28 30]	[17.25]
GBT06B-032	Begin, S. Freire, P. Ransom, S. Stairs, I. Hessels, J. W. T. Kaspi, V. Camilo, F.	University of British Columbia Arecibo Observatory NRAO - CV University of British Columbia Universiteit van Amsterdam McGill University Columbia Astrophysics Laboratory	Scott Ransom	Timing of the Binary and Millisecond Pulsars in M28 [S. Begin]	S	G	12	4.50
GBT06B-033	Hessels, J. W. T. Ransom, S. Kaspi, V. Champion, David Roberts, M.	Universiteit van Amsterdam NRAO - CV McGill University McGill University Eureka Scientific, Inc.	Scott Ransom	Completing a 350-MHz Survey of the Galactic Plane for Pulsars and Transients [J. W. T. Hessels]	8	G	12	1.25
GBT06B-042	Kanekar, N. Ellison, S.E. York, B.	NRAO-AOC University of Victoria University of Victoria	Larry Morgan	The nature of damped Lyman-alpha systems, as traced by their spin temperature. [N. Kanekar]	3	P	24 26 27 [21 22 25 26 27 28 29 30]	6.50 [25.00]
GBT06B-043	Pagani, L. Herbst, E.	Ohio State University Observatoire de Bordeaux	Larry Morgan	Depletion of heavy molecules in pre-stellar cores [L. Pagani]	K	S	4	7.50

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	Bacmann, A.							
GBT06B-044	Ferdman, R. Stairs, I. Backer, D. C. Burgay, M. Camilo, F. D'Amico, N. Demorest, P. Faulkner, A. Hobbs, G. Kramer, M. Lorimer, D. Lyne, A. G. Manchester, D.R. N. McLaughlin, M. Nice, D. Possenti, A.	University of British Columbia University of British Columbia University of California, Berkeley Istituto Nazionale di Astrofisica Columbia Astrophysics Laboratory Osservatorio di Cagliari UC Berkeley (Physics) Jodrell Bank Observatory Australia Telescope National Facility (ATNF) Jodrell Bank West Virginia University NRAL Australia Telescope WVU Princeton University Istituto Nazionale di Astrofisica	Scott Ransom	Timing Binary and Millisecond Pulsars from the Parkes Multibeam Survey [R. Ferdman]	L	YGB	12 14	4.50
GBT06B-055	Kanekar, N. Chengalur, J.	NRAO-AOC NCRA (TIFR)	Toney Minter	Confirming a new HI 21cm absorber at intermediate redshift [N. Kanekar]	8	S	17	3.50
GBT06C-003	Remijan, A. Hollis, J. M. Lovas, F. J. Jewell, P. R.	National Radio Astronomy Observatory NASA/GSFC Nat'l Instit. of Standards and Technology NRAO-CV	Larry Morgan	Additional Transitions of Interstellar Methyl Isocyanate (CH3NCO) [A. Remijan]	K	S	9 (21)	2.25 (6.50)
GBT06C-004	Remijan, A. McMahon, R. J. Widicus Weaver, S. McCall, B.	National Radio Astronomy Observatory Dept. of Chemistry, University of Wisconsin, Madison Illinois at Urbana-Champaign, University of University of Illinois	Larry Morgan	A Search for o-Benzynes (o-C6H4) and Phenyl (C6H5) toward CRL 618 [A. Remijan]	K	S	(18 19 21)	(18.00)
GBT06C-011	Curran, S. Whiting, M. Longmore, S. Webb, J. Bignell, R.C.	University of New South Wales Australia Telescope National Facility University of New South Wales University of New South Wales NRAO - GB	Carl Bignell	A Pure Molecular Cloud at z~0.13? [S. Curran]	L	S	7 8 10	20.50
GBT06C-012	Curran, S. Whiting, M. Webb, J. Bignell, R.C.	University of New South Wales Australia Telescope National Facility University of New South Wales NRAO - GB	Carl Bignell	A Wide-Band Search of the Source of the Obscuration of Reddened Quasars [S. Curran]	6L	S	6 8 11	16.00

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GBT06C-013	Curran, S. Tzanavaris, P. Murphy, M. T. Webb, J. Bignell, R.C.	University of New South Wales National Observatory of Athens (Institute of Astronomy and Astrophysic Cambridge, University of University of New South Wales NRAO - GB	Carl Bignell	The Nature of High Redshift Intervening Absorption Systems [S. Curran]	3	S	[28 29 30]	[15.00]
GBT06C-016	Camilo, F. Ransom, S. Halpern, J. P. Reynolds, J. E. Helfand, D. J.	Columbia Astrophysics Laboratory NRAO - CV Columbia University Australia Telescope National F Columbia University	Scott Ransom	Studying the magnetar XTE J1810-197 [F. Camilo]	S8XC3	BG	6 18 19 22 27	20.75
GBT06C-018	Stairs, I. Lorimer, D.	University of British Columbia West Virginia University	Scott Ransom	Continued timing of a highly relativistic binary pulsar system [D. Lorimer]	LS	YG	6	4.50
GBT06C-021	Rosolowsky, E. Schnee, S. Arce, H.G. Caselli, P. Goodman, A. A. Johnstone, D. Kaufmann, J. Kirk, Helen Myers, P. C. Pineda, Jaime	Harvard-Smithsonian Center for Astrophysics California Institute of Technology Am. Museum of Natural History Harvard-Smithsonian Center for Astrophysics Center for Astrophysics NRC-HIA Max Planck Insituit fuer Radioastronomie University of Victoria Center for Astrophysics Harvard-Smithsonian Center for Astrophysics	Ron Maddalena	A COMPLETE Census of Dense Cores in Perseus [E. Rosolowsky]	K	S	2 3 4 5 9 10	30.25
GBT06C-032	Martin, P.G. Lockman, F. J. Bernard, J.P. Miville-Deschenes, M.	University of Toronto NRAO-GB CESR, Toulouse IAS Univ. Paris-Sud	Jay Lockman	The Galactic foreground at the North Ecliptic Pole [P.G. Martin]	L	S	8 10 11 12 13 [21 22 24 25 26 27 28 30]	18.00 [36.00]
GBT06C-035	Braatz, J. A. Condon, J. J. Greenhill, L. J. Henkel, C. Reid, M. J. Lo, F.K. Y. Hao, Lei	NRAO - CV NRAO-CV CfA Max-Planck-Institut fur Radioa Center for Astrophysics NRAO-CV Cornell Dept. of Astronomy	Jim Braatz	The Megamaser Cosmology Project: A Survey for H2O Maser Disks in SDSS AGNs [J. A. Braatz]	K	S	3 4 5 10 13 14 (18 19 21 22 26)	35.25 (30.75)
GBT06C-037	Lada, C. J. Muench, A. Rathborne, J. Alves, J. Roman-Zuniga,	Smithsonian Astrophysical Obse Harvard-Smithsonian Center for Astrophysics Boston University Cala Alto Observatory	Frank Ghigo	Probing the Origin of Dense Cores and the Stellar IMF [C. J. Lada]	K	S	5 (22 26)	6.25 (11.50)

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	Carlos	Harvard-Smithsonian CfA						
GBT06C-038	Lockman, F. J. Pidopryhora, Y.	NRAO-GB Ohio University	Jay Lockman	GBT Mapping of HI Clouds in the Disk-Halo Interface [F. J. Lockman]	L	S	[18 20]	[5.50]
GBT06C-039	Braatz, J. A. Condon, J. J. Greenhill, L. J. Henkel, C. Reid, M. J. Lo, F.K. Y.	NRAO - CV NRAO-CV CfA Max-Planck-Institut fur Radioa Center for Astrophysics NRAO-CV	Jim Braatz	The Megamaser Cosmology Project: Circumnuclear Disk Accelerations [J. A. Braatz]	K	S	3 (28 30)	2.00 (18.00)
GBT06C-045	Champion, David Kaspi, V. Hessels, J. W. T. Woods, P. Thompson, C.	McGill University McGill University Universiteit van Amsterdam Space Science Research Center Canadian Institute for Theoretical Astrophysics	Scott Ransom	A Search for Radio Emission from Magnetars after Outburst [David Champion]	S	G	9 13 17 [18 20 26]	11.00 [16.25]
GBT06C-048	Kanekar, N. Ellison, S.E. Prochaska, J. York, B	NRAO-AOC University of Victoria University of California University of Victoria	Toney Minter	HI 21cm absorption in strong MgII and CI absorbers in the redshift desert [N. Kanekar]	6	P	1	8.00
GBT06C-049	Masters, K. Huchra, J. Crook, A. Macri, L. Jarrett, T.H.	Harvard-Smithsonian Center for Astrophysics Center for Astrophysics MIT National Optical Astronomy Observatory (NOAO) Caltech	Larry Morgan	Mapping Matter in the Nearby Universe with 2MASS [K. Masters]	L	S	12 14 15 16 27 [18 19 21 22 26]	18.25 [31.75]
GBT06C-051	Greenhill, L. J. Braatz, J. A. Henkel, C. Kuiper, T. B. H. Jauncey, D. L. Lovell, J.E.J. Madejski, G. M. Moran, J. M. Peck, A.B. Wilson, A. S.	CfA NRAO - CV Max-Planck-Institut fur Radioa JPL ATNF ATNFc/o COSSA Stanford SLAC CfA Center for Astrophysics University of Maryland	Jim Braatz	Monitoring 2 NGC4258-like Masers: Measurement of Distances / Constraint of LCDM [L. J. Greenhill]	K	S	10 15	3.75
GBT06C-052	Ransom, S. Begin, S. Hessels, J. W. T. Stairs, I. Freire, P. Camilo, F. Kaspi, V.	NRAO - CV University of British Columbia Universiteit van Amsterdam University of British Columbia Arecibo Observatory Columbia Astrophysics Laboratory McGill University	Scott Ransom	Continued Timing of the Binary and Millisecond Pulsars in NGC6440 and NGC6441 [S. Ransom]	S	G	11	8.50

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GBT06C-055	Zwaan, M.A. Peroux, C. Liske, J. Murphy, M. T. Zych, B. Bouche, N. Curran, S.	European Southern Observatory (ESO) European Southern Observatory (ESO) European Southern Observatory (ESO) Cambridge, University of Cambridge, University of Max-Planck-Institut for extraterrestrische Physik University of New South Wales	Larry Morgan	HI 21-cm absorption in MgII absorbers [M.A. Zwaan]	6	P	1 2 6 7	25.75
GBT06C-103	Kanekar, N. Chengalur, J.	NRAO-AOC NCRA (TIFR)	Toney Minter	Confirming a new HI 21cm absorber in the redshift desert [N. Kanekar]	6	P	2 5	4.00
GBT06C-104	Chapman, S. Blain, A. W. Lo, F.K. Y.	U of Cambridge Caltech Astronomy NRAO-CV		HI in AndXII, a dSph galaxy falling in from a filament [S. Chapman]	L	S	[29]	[1.50]
GC028	Conway, J. E. Parra, R. Diamond, P. J. Lonsdale, C. J. Hurley, R. Thrall, H. Lonsdale, C. J. Smith, H. E.	Onsala Space Observatory OSO MERLIN/VLBI National Facility Haystack Observatory Manchester Caltech IPAC University of Calif - San Diego		Sensitive high frequency observations of the compact sources in Arp 220 [J. E. Conway]	X	5	28	11.50
Comm	NRAO staff			HF Comm			9 13 14 (18 20 29)	20.00 (24.00)
Shutdown	NRAO staff			Thanksgiving Shutdown			22 23 24	36.00
Maint	NRAO staff			Maintenance	83		1 7 8 14 15 16 20 29 30	60.50
Maint	NRAO staff			Rpr	Q		3	2.00
Maint	NRAO staff			Shut Off			22	1.00
Maint	NRAO staff			Startup			24	1.50
Not Sched	NRAO staff						(24)	(2.00)
Tests	Brandt			M&C Tests			6 [29]	4.75 [5.50]
Tests	NRAO staff			RCO*3 340 MHz			20	3.00

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Tests	NRAO staff			RCO*8 800 MHz	8	DSP	7	1.50
Tests	NRAO staff			Un-assigned Tests	SC	SGPD	[21 22]	[5.00]
Tests	NRAO staff			Z+CCB Tests	B	ZKD	(25 27 28 29 30)	(33.42)
Tests	NRAO staff			Zpect Tests	B	ZK	16 17	20.75
Total Hrs	Shutdown	36.00						
	Astronomy	511.58	148.25					
	Commissioning	44.00						
	Maintenance	65.00						
	Un-assigned	2.00						
	Tests	63.42	10.50					

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