

# GBT Observing Schedule for December 2006

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BB209	Boyce, E. Hewitt, J. N. Myers, S.	MIT Massachusetts Institute of Tec NRAO -SOC		Observations of Gravitational Lens Central Images [E. Boyce]	C	V	3	3.00
BB227	Braatz, J. A.	NRAO - CV		Measuring the Extragalactic Distance Scale [J. A. Braatz]	K	V	9 10	12.50
BB228	Bietenholz, M. F. Bartel, N. Rupen, M. P.	York University York University NRAO - SOC		The Evolution of the Central Source in SN 1986J [M. F. Bietenholz]	XK	V	3 4 10 11	31.00
BB231	Braatz, J. A. Greenhill, L. J. Condon, J. J. Reid, M. J. Henkel, C. Lo, F.K. Y.	NRAO - CV CfA NRAO-CV Center for Astrophysics Max-Planck-Institut fur Radioa NRAO-CV		The Megamaser Cosmology Project: Measuring Distances to NGC6323 and Mrk 1419 [J. A. Braatz]	K	V	22 23 26 27 28 29 30	42.00
BB233	Bietenholz, M. F. Bartel, N.	York University York University		Does the Ursa Minor Dwarf Spheroidal Host an Intermediate-Mass Black Hole? [M. F. Bietenholz]	C	V	11	8.50
BB234	Boyce, E. Winn, J. Myers, S.	MIT CfA NRAO -SOC		Investigating the Third Radio Source in B2319+051 [E. Boyce]	C	V	21	11.00
BM253	Momjian, E. Knudsen, K.K. Carilli, C. L. Wang, W.-H.	Arecibo Observatory (Puerto Rico) Max-Planck-Institute for Astronomy, Heidelberg NRAO - Socorro U of Hawaii		Resolving the Compact Radio Emission of the Luminous Submillimeter Galaxy GOODS 850-3 at z=1.8 [E. Momjian]	L	V	9	7.50
GBT01A-005	Turner, B. Langston, G. I.	NRAO-CV NRAO-GB	Frank Ghigo	A High-resolution Spectral Survey Of Tmc-1 At Q-band [G. I. Langston]	Q	S	(26 27 28)	(7.00)
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	Brian Mason	Determining the High Frequency Properties of mJy radio sources [B.S. Mason]	B	OD	(11 13 15 17 24)	(16.75)
GBT04A-040	Myers, S. Mason, B.S. McMullin, J. Leitch, E.M.	NRAO -SOC NRAO Green Bank Facility NRAO-SOC University of Chicago		Anomalous Microwave Emission from Spinning Dust Grains? [S. Myers]	XUB	DO	(16 17 18 19 20 22 23 24 29 31)	(86.25)
GBT04B-014	Kondratko, P.T. Greenhill, L. J. Moran, J. M. Braatz, J. A.	Harvard University CfA CfA NRAO - CV	Jim Braatz	Anchoring the Extragalactic Distance Scale [P.T. Kondratko]	K	S	(2 4)	(18.50)

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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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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	17	1.00
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	(2 4 30)	(9.00)
GBT06A-015	Bottinelli, S. Ceccarelli, C. Hollis, J. M. Remijan, A. Williams, J. P.	Observatoire de Grenoble NASA/GSFC National Radio Astronomy Observatory Institute for Astronomy	Dana Balsler	The hot corinos of solar-type protostars [S. Bottinelli]	Q	S	(27 28 29 30 31)	(27.50)
GBT06A-053	Ransom, S. Hessels, J. W. T. Stairs, I. Freire, P. Kaspi, V. Camilo, F.	NRAO - CV Universiteit van Amsterdam University of British Columbia Arecibo Observatory McGill University Columbia Astrophysics Laboratory	Scott Ransom	Continued Timing of the Binary and Millisecond Pulsars in Terzan 5 [S. Ransom]	S	G	[2 4]	[17.00]
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	Scott Ransom	Long-term Precision Timing of Millisecond Pulsars [P. Demorest]	8	YR	3 31	17.00
GBT06B-015	Morgan, L. Urquhart, J. Thompson, M.	National Radio Astronomy Observatory (NRAO) University of Leeds The University Of Hertfordshire	Larry Morgan	NH3 and CCS Mapping of Triggered Star Formation Regions [L. Morgan]	K	S	(9 11 12 13 14 15)	(26.50)
GBT06B-018	Kramer, M. Stairs, I. McLaughlin, M. Ferdman, R. Camilo, F. Lyne, A. G. Manchester, D.R. N. Possenti, A.	Jodrell Bank University of British Columbia WVU University of British Columbia Columbia Astrophysics Laboratory NRAL Australia Telescope Istituto Nazionale di Astrofisica Osservatorio di Cagliari	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	8	GBY	[16 18]	[10.00]

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	D'Amico, N. Burgay, M. Freire, P.	Istituto Nazionale di Astrofisica Arecibo Observatory						
GBT06B-028	Stairs, I. Thorsett, S. Arzoumanian, Z.	University of British Columbia University of California, Santa Cruz NASA/GSFC	Scott Ransom	Timing the Planet Pulsar in M4 [I. Stairs]	L	BY	10	2.75
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	9	4.00
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	9	1.75
GBT06B-034	van Gorkom, J. H. Carollo, C. Lilly, S. J. Norberg, P	Columbia University ETH	Frank Ghigo	Galaxy evolution in groups: HI properties of 80 2dfGRS-selected groups [J. H. van Gorkom]	L	S	[12 13 14 15]	[22.00]
GBT06B-036	Jackson, J. M. Chambers, E. T. Rathborne, J. Bania, T. M. Zhang, Q. Wang, Y. Simon, R.	Boston University Boston University Boston University Boston University Center for Astrophysics CfA Universitat zu Koln	Dana Balser	Pre-stellar evolution in Infrared Dark Cloud Cores [J. M. Jackson]	K	S	(5 6 7 8 12 13 14 15)	(33.00)
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	[1]	[2.50]
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.	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	Scott Ransom	Timing Binary and Millisecond Pulsars from the Parkes Multibeam Survey [R. Ferdman]	L	YGB	[13 15 16 18 20 22]	[26.00]

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	N. McLaughlin, M. Nice, D. Possenti, A.	Australia Telescope WVU Princeton University Istituto Nazionale di Astrofisica						
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	[1]	[5.50]
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]	8CSX	BG	17	5.50
GBT06C-017	Blanton, M. Christiansen, W. A. Cecil, G. N.	North Carolina, University of University of North Carolina University of North Carolina	Frank Ghigo	Mapping the Galactic Center Lobe [M. Blanton]	U	D	(31)	(3.00)
GBT06C-019	Yamamoto, S. Morita, M. Sakai, N. Sakai, T. Takano, S.	Nagoya University Department of Physics, The University of Tokyo Department of Physics, The University of Tokyo National Astronomical Observatory of Japan Nobeyama Radio Observatory	Larry Morgan	Testing the Production Pathways of CCS [S. Yamamoto]	K	S	(2 3 4 5 6 7 8 9 12 13 14 15)	(55.00)
GBT06C-025	Kepley, A. Wilcots, E. Robshaw, T. Heiles, C. E. Zweibel, E.	University of Wisconsin at Madison (Astronomy) University of Wisconsin University of California at Berkeley University of California University of Wisconsin at Madison (Astronomy)	Larry Morgan	Magnetic Fields in Irregular Galaxies: NGC 1156 and Holmberg II [A. Kepley]	XCL	S	[2 4 6 8 12 13 14 15] (2 4 5 6 7 8)	[20.00] (30.50)
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	[2 4 5 6 7 8 11 12 13 14 15 19 20 22]	[79.00]
GBT06C-035	Braatz, J. A. Condon, J. J. Greenhill, L. J. Henkel, C. Reid, M. J.	NRAO - CV NRAO-CV CfA Max-Planck-Institut fur Radioa Center for Astrophysics	Jim Braatz	The Megamaser Cosmology Project: A Survey for H2O Maser Disks in SDSS AGNs [J. A. Braatz]	K	S	(5 7 12 14 24)	(14.50)

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	Lo, F.K. Y. Hao, Lei	NRAO-CV Cornell Dept. of Astronomy						
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	10 23 26 [6 8 13 15 20 21 22 23 24 30 31]	9.50 [60.25]
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	(16 18 26 28)	(17.00)
GBT06C-042	Darling, J. Stocke, J. T. Butler, B.	Colorado at Boulder, University of University of Colorado NRAO-Soc	Frank Ghigo	Transit of Enceladus Across the Southern Radio Lobe of 3C228 [J. Darling]	L	S	16 17	6.00
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 Cl absorbers in the redshift desert [N. Kanekar]	8	P	[19 20 21 22]	[19.75]
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	[2 4 5 6 7 8 11 16 17 18 23]	[75.00]
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	(6 8 13 15)	(16.00)
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]	8S	G	24 26 29 30	20.50
GBT06C-102	Vlemmings, W. Chapman, J. M.	Jodrell ATNF	Frank Ghigo	The youngest water-fountain source OH17.7-2.0 ? [W. Vlemmings]	K	S	(16 18)	(6.50)

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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]	U	5	28	14.50
Comm	NRAO staff			HF Comm			(1 5 7 12 14)	(39.00)
Shutdown	NRAO staff			Christmas Shutdown			24 25 26	36.00
Maint	NRAO staff			Maintenance	8		1 19 27 [5 7 12 14] (6 8 13 15 20 22)	25.00 [34.00] (24.00)
Maint	NRAO staff			Shut Off			24	1.00
Maint	NRAO staff			Start Up			26	2.00
Not Sched	NRAO staff						(29)	(4.50)
Tests	Clark			M&C Tests			[1]	[5.00]
Tests	NRAO staff			PTCS	Q	DSP	(20 21 22)	(20.25)
Tests	NRAO staff			Pointing	X	DSP	(19 21)	(20.75)
Tests	NRAO staff			RCO*8 800	8	DSP	1	2.00
Tests	Ford			Servo Tests			[12 13 14 15 19 21]	[16.00]
Tests	NRAO staff			Z+CCB Tests	B	ZK	(1 2)	(9.00)
Total Hrs	Shutdown Astronomy Commissioning Maintenance Un-assigned Tests	36.00 565.00 39.00 52.00 4.50 52.00		337.00   34.00  21.0				

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