

GBT Observing Schedule for January 2007

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BB229	Brunthaler, A. Reid, M. J. Henkel, C. Menten, K. M. Bower, G. C. Falcke, H.	MPIfR Center for Astrophysics Max-Planck-Institut fur Radioa Max-Planck-Institut Fur Radioa UC Berkeley ASTRON		Measuring the orbits of M81 and M82 [A. Brunthaler]	K	5	27 28	12.50
BG169	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		Mapping the Accretion disks in the IC2560 and NGC3393 AGN: Implications for Ho [L. J. Greenhill]	K	5V	23 24 30 31	23.00
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	17 19	8.00
GBT02A-054	Stairs, I. Lyne, A. G. Kramer, M. Athanasiadis, D.	University of British Columbia Manchester, University of Jodrell Bank Nuffield Radio Astronomy Laboratories	Scott Ransom	High-resolution Studies of a Precessing Pulsar [I. Stairs]	L	BY	27	6.00
GBT04A-027	Mason, B.S. Bustos, R. Myers, S.T. 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	4	7.25
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	1	3.50
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	10	1.50
GBT05C-026	Devlin, T. Devlin, M.J. Mason, B.S.	Rutgers University Rutgers Univ. and Univ. of Pennsylvania NRAO Green Bank Facility	Brian Mason	Polarization of 30 GHz emission from extra-galactic sources [T. Devlin]	X	P	3 19	9.50

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GBT05C-027	Mangum, J. G. Wootten, H. A.	NRAO Charlottesville NRAO-CV	Dana Balsler	An Exact Identification of High Densities in Molecular Clouds [J. G. Mangum]	QB	S	20 23 26 29	34.00
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	Glen Langston	Measuring changes in fundamental constants with redshifted OH lines [N. Kanekar]	A	S	29	4.50
GBT06A-004	Reach, W. T. Palla, F. Riccardo, V. Morris, P.	IPAC, Caltech Osservatorio Astrofisico di Ar Arcetri IPAC/Caltech	Toney Minter	Water Masers from Protostars in IC 1396A [W. T. Reach]	K	S	24	4.00
GBT06A-013	Braatz, J. A. Lo, F.K. Y.	NRAO - CV NRAO-CV	Jim Braatz	Finding Signatures of a Maser Disk in a Quasar at z=0.66 [J. A. Braatz]	U	S	3	4.00
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	2 3 4 6 8 9	25.75
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	1	8.00
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 Manchester, University of 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]	8	GBY	12 13	5.50
GBT06B-019	Minter, A.	NRAO - Green Bank	Toney Minter	Obtaining A Complete Sample Of Pulsar OH Absorption With The GBT [A. Minter]	L	M	2 4 5	9.50

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GBT06B-024	Mangum, J. G. Di Francesco, J. Freed, K.	NRAO Charlottesville National Research Council Canada Metro State College of Denver	Frank Ghigo	CCS Chronometry of Dense Cores [J. G. Mangum]	B	S	31	6.00
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	13	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	13	1.25
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	10 11 13 14 15 17 22 23 25	52.25
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	23 29	9.00
GBT06B-037	Weisberg, J. M. Johnston, S. Koribalski, B. Minter, A. Stanimirovic, S.	Carleton College Australia Telescope National Facility (ATNF) Australia Telescope National F NRAO - Green Bank Wisconsin	Toney Minter	Probing the Small-Scale Structure of Molecular Gas with Pulsar B1641-45 [J. M. Weisberg]	L	M	4 5 6 7 8	8.75
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]	4	P	3 4 5 6 7 8	21.75
GBT06B-044	Ferdman, R. Stairs, I. Backer, D. C. Burgay, M. Camilo, F. D'Amico, N. Demorest, P. Faulkner, A. Hobbs, G.	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) University of Manchester Australia Telescope National	Scott Ransom	Timing Binary and Millisecond Pulsars from the Parkes Multibeam Survey [R. Ferdman]	L	YGB	13 20	4.50

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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 (CH ₃ NCO) [A. Remijan]	K	S	11	6.00
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-C ₆ H ₄) and Phenyl (C ₆ H ₅) toward CRL 618 [A. Remijan]	Q	S	28	9.00
GBT06C-008	Srianand, R. Gupta, N. Petitjean, P. Saikia, D. J. Boisse, P. Ledoux, C.	Inter-University Centre for As Tata Institute of Fundamental Research Institut d'Astrophysique Tata Institute of Fundamental Research Institut d'Astrophysique de Paris European Southern Observatory	Toney Minter	Search for 21-cm and OH absorption in the DLAs towards Q 0405-443 (CTS 247) [N. Gupta]	4	P	4 5 7	9.50
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]	4L8A	S	5 6 7 8 10 11 16 17 18 21 22	44.50
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]	4	S	5 6 7 8	12.00
GBT06C-016	Camilo, F. Ransom, S. Halpern, J. P. Reynolds, J. E.	Columbia Astrophysics Laboratory NRAO - CV Columbia University Australia Telescope National F	Scott Ransom	Studying the magnetar XTE J1810-197 [F. Camilo]	S8CL	BG	6 10 11 14 15 19 20 21 26 28 29	19.75

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	Helfand, D. J.	Columbia University						
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	1 3 4 6 12 17 18 22	24.75
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]	L	YG	5	4.50
GBT06C-026	Dickinson, Clive Casassus, Simon Reach, W. T. Paladini, R. Banday, Anthony Pearson, T. J. Cleary, Kieran Bernard, J.P.	Jet Propulsion Laboratory Chile, Universidad de IPAC, Caltech California Institute of Technology Max Planck Institute for Astronomy, Garching Caltech Jet Propulsion Laboratory CESR, Toulouse	Larry Morgan	The spinning dust grains of LDN1622 [Clive Dickinson]	CU	DS	9 10 11 13 14 15	23.75
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	1 7 8	9.50
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	18	4.00
GBT06C-037	Lada, C. J. Muench, A. Rathborne, J. Alves, J. Roman-Zuniga, Carlos	Smithsonian Astrophysical Obse Harvard-Smithsonian Center for Astrophysics Boston University Cala Alto Observatory Harvard-Smithsonian CfA	Frank Ghigo	Probing the Origin of Dense Cores and the Stellar IMF [C. J. Lada]	K	S	31	3.00
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	19 26	9.50
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	20	7.25

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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]	4	P	4 7	3.00
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	16	4.00
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	9	5.50
GBT06C-058	Fuller, G. A. Helmich, F. Plume, R.	UMIST SRON University of Calgary	Larry Morgan	A Centimeter Spectral Survey of the SLS Sources [G. A. Fuller]	XKU	S	6 8 10 11 14 15 17 18 19	38.75
GBT06C-106	Wootten, H. A. Langston, G. I. Butler, B.	NRAO-CV NRAO-GB NRAO-Soc		Observing NH3 and OH in COmet C/2006 P1 McNaught [G. I. Langston]	KL	S	18	6.00
GBT07A-001	Bolatto, A. Darling, J.	University of California at Berkeley Colorado at Boulder, University of	Frank Ghigo	A Search for HI Absorbers in a Sample of Gravitationally Lensed Systems [A. Bolatto]	A	S	24 25 30	16.75
GBT07A-003	Fish, V.L.	NRAO New Mexico Facilities	Frank Ghigo	Probing circumstellar envelopes with isotopomers [V.L. Fish]	S	S	27 28	9.00
GBT07A-009	Pisano, D.J.	NRAO-GB	D.J. Pisano	HI Emission from Gravitationally Lensed Galaxies at z~0.5 [D.J. Pisano]	A	P	21 25 26	18.50
GBT07A-015	Mangum, J. G. Menten, K. M. Henkel, C. Darling, J.	NRAO Charlottesville Max-Planck-Institut Fur Radioa Max-Planck-Institut fur Radioa Colorado at Boulder, University of	Frank Ghigo	Formaldehyde Densitometry of External Galaxies [J. G. Mangum]	U	S	16	4.00
GBT07A-036	Chin, Y. Lemme, C. Kaiser, R.I.	Tamkang University Tamkang University University of Hawaii, Chemistry Department	Jim Braatz	Confirmation of Interstellar Benzotrinitile (C6H5CN) -- A Key Tracer of Benzene [Y. Chin]	C	S	12 13 15 21	19.25
GBT07A-074	Hewitt, J.	Northwestern University	Ron Maddalena	Follow-Up of Radio Recomb Lines Associated with	XC	S	3 4 14 15 21 31	24.50

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	Yusef-Zadeh, F.	Northwestern University		Supernova Remnants [J. Hewitt]				
GBT07A-104	Martin, P.G. Chou, R. Damjanov, I. Lockman, F. J. Miville-Deschenes, M.	University of Toronto Univ. Toronto Univ. Toronto NRAO-GB IAS Univ. Paris-Sud	Jay Lockman	The Spider's Web from Ursa Major to Polaris [P.G. Martin]	L	S	17 20 22 24 27 30	24.00
Maint	NRAO staff			Install 800	8		8	3.00
Maint	NRAO staff			Maintenance			2 3 9 12 17 24 25	41.25
Maint	NRAO staff			Maintenance/Install PF2	A		16	8.50
Maint	NRAO staff			Maintenance/Install 800 MHz	8		30	8.50
Tests	Maddalena			Ka band tests	B	DSP	27	6.00
Tests	Clark			M&C Tests			1 2	4.50
Tests	NRAO staff			PTCS	X	DSP	11 12	10.00
Tests	NRAO staff			PTCS/Pointing	X	DSP	29	8.00
Tests	NRAO staff			RCO*4 450 MHz	4	DSP	2	1.50
Tests	NRAO staff			RCO*8 800 MHz	8	DSP	9	0.75
Tests	NRAO staff			RCO*8 PF1	8	DSP	30	1.00
Tests	NRAO staff			RCO*A PF2	A	DSP	16	1.50
Tests	Ghigo			RFI FS tests	8L	DSP	1	6.00
Tests	Ford			Servo Tests			5 9	6.50
Tests	Ransom			Spigot Tests	S	GS	25	2.25
Total Hrs	Astronomy Maintenance Un-assigned Tests	634.75 61.25 48.00						

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