GBT Observing Schedule for February 2007

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BB227	Braatz, J. A.	NRAO - CV		Measuring the Extragalactic Distance Scale [J. A. Braatz]	K	V	10 11	12.50
BC162	Cimo, G. Dickey, J. M.	MPIFR University of Tasmania		Two Dimensional Time Delay Measurement of Intra-Day Variable Sources [G. Cimo]	CX	V	23	4.50
BG162	Granot, J. Ramirez-Ruiz, E. Taylor, G.B. Stockdale, C.J. Van Dyk, S.D. Weiler, K. W. Sramek, R. A. Panagia, N. Kelley, M.T.	KIPAC/Stanford IAS, Princeton Univ. of New Mexico Marquette U Caltech Naval Research Lab NRAO-SOC Space Telescope Science Instit Marquette U		Measuring the Proper Motion and Expansion Velocity of SN2001em	X	5	4	10.50
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	5	1	9.50
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	13	9.50
GBT03C-028	Walter, F. Carilli, C. L. Lo, F.K. Y. Bertoldi, F. Cox, P. Fan, X. Strauss, M. Menten, K. M.	MPIfA NRAO - Socorro NRAO-CV U Bonn IAS/Instit. d'Astrophys. Spatiale Arizona State University Princeton University Max-Planck-Institut Fur Radioa	Dana Balser	The Molecular Gas Content in z>6 Quasars: Probing the End of Cosmic Reionization [F. Walter]	Q	S	(3 4 11 12 13 14 15 16 17 18)	(55.50)
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]	KU	S	(27 28)	(11.50)
GBT05C-017	Roshi, A.D. Balser, D.S. Jeyakumar, S.	Raman Research Institute NRAO - Green Bank Raman Research Institute	Dana Balser	Direct Measurement of the Expansion of UCHII Regions [D.S. Balser]	B	S	(24 26)	(12.00)
GBT05C-027	Mangum, J. G.	NRAO Charlottesville	Dana Balser	An Exact Identification of High Densities in Molecular	QUB	S	(17 19)	(10.00)

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	Wootten, H. A.	NRAO-CV		Clouds [J. G. Mangum]				
GBT05C-043	Kanekar, N. Carilli, C. L. Stocke, J. T.	NRAO-AOC NRAO - Socorro University of Colorado	Dana Balser	A blind GBT survey for redshifted molecular absorption [N. Kanekar]	Q	S	(6 7 8 9 11 17 19 20 21 22 23)	(36.00)
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	[7 9]	[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]	8L	YR	2 25 [3 5 24 26]	16.00 [32.00]
GBT06A-056	Kondratko, P.T. Greenhill, L. J. Moran, J. M.	Harvard University CfA CfA	Jim Braatz	Are there Unrecognized NGC4258-like Systems Among Known Water Masers in AGN? [P.T. Kondratko]	K	S	(15 17 19 24 26)	(33.00)
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 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]	8	GBY	[17 19]	[11.00]
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]	K	S	(1 2)	(15.00)
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 12]	[3.00]
GBT06B-032	Begin, S. Freire, P.	University of British Columbia Arecibo Observatory	Scott Ransom	Timing of the Binary and Millisecond Pulsars in M28 [S. Begin]	S	G	[10 12]	[8.00]

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	Ransom, S. Stairs, I. Hessels, J. W. T. Kaspi, V. Camilo, F.	NRAO - CV University of British Columbia Universiteit van Amsterdam McGill University Columbia Astrophysics Laboratory						
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	[10 12]	[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. 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	18 [14 16]	8.50 [9.00]
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	(10 11 12 17 19 20 22 25 27 28)	(29.25)
GBT06C-020	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	(4 7 9 11)	(16.00)
GBT06C-028	Matthews, B. Wootten, H. A. Bergin, E. A. Crapsi, A. Hogerheijde, H. Jorgensen, J.	Herzberg Institute NRAO-CV Michigan at Ann Arbor, University of Leiden Observatory Leiden, University of Harvard-Smithsonian Center for Astrophysics	Ron Maddalena	The Kinetic Temperature of the Class 0 Source Barnard 1c [B. Matthews]	K	S	(6 8)	(16.00)

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Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
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 5 6 7 8 9)	(17.50)
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	(2 6 8)	(15.00)
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 CI absorbers in the redshift desert [N. Kanekar]	8	P	[6 8]	[9.00]
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	[4 11 14 16 18]	[24.00]
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	(3 5 6 7 8)	(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]	S	G	[17 19]	[18.00]
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]	L8	S	[10 12 14 16 17 19]	[47.00]
GBT07A-010	Mutel, R. L.	University of Iowa	Toney Minter	A Search for Narrow-Band Stellar Radio Bursts	L8S	S	[24 26 27 28]	[36.00]

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	Jaeger, T.	Iowa, University of		Associated With CMI Emission [R. L. Mutel]				
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]	UC	S	[1 3 5 7 9 28] (1 3 5 10 11 12 13 18 20 22 25 27 28)	[29.00] (55.50)
GBT07A-016	Donovan, J. van Gorkom, J. H. Hibbard, J. E. van Dokkum, P.	Columbia University Columbia University NRAO-CV Yale University	Frank Ghigo	How "Dry" Are Dry Mergers? [J. Donovan]	L	S	[5 6 7 8 9]	[25.75]
GBT07A-020	Schnee, S. Goodman, A. A. Caselli, P.	California Institute of Technology Center for Astrophysics Harvard-Smithsonian Center for Astrophysics	Jim Braatz	The Relationship Between Gas And Dust in the Starless Core TMC-1C [S. Schnee]	K	S	(7 9 11 12 13 14 15 16)	(39.25)
GBT07A-030	Mason, B.S. Finkbeiner, D. Robishaw, T.	NRAO Green Bank Facility Princeton University (Astrophysics) University of California at Berkeley	Brian Mason	A Search for Polarized, Anomalous Microwave Emission from Lynds 1622 - copy [B.S. Mason]	X	S	(18 20 21 22 23 25 28)	(51.00)
GBT07A-031	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: Accelerations in Maser Disks [J. A. Braatz]	K	S	(20 22)	(12.00)
GBT07A-034	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 Masers in SDSS and 2MRS AGNs [J. A. Braatz]	K	S	(13 27 28)	(3.00)
GBT07A-036	Chin, Y. Lemme, C. Kaiser, R.I.	Tamkang University Tamkang University University of Hawaii, Chemistry Department	Jim Braatz	Confirmation of Interstellar Benzonitrile (C6H5CN) -- A Key Tracer of Benzene [Y. Chin]	C	S	[20 22]	[12.50]
GBT07A-039	Fisher, R. Courtois, H. Tully, R.B.	NRAO Green Bank Facility Institute for Astronomy Institute for Astronomy	Frank Ghigo	Bulk Motions of Filaments in the Local Unverse [R. Fisher]	L	S	[24 26 27 28]	[18.75]
GBT07A-042	Tarchi, A. Braatz, J. A. Henkel, C. Brunthaler, A. Menten, K. M.	Istituto Nazionale di Astrofisica NRAO - CV Max-Planck-Institut fur Radioa MPIfR Max-Planck-Institut Fur Radioa	Jim Braatz	H2O versus continuum in the nucleus of the megamaser galaxy 3C403 [A. Tarchi]	K	S	(3 5)	(5.50)

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GBT07A-048	Rudnick, L. Brown, S.	University of Minnesota University of Minnesota	Toney Minter	New Populations of Extended Polarization Sources [L. Rudnick]	L	S	[7 9]	[5.50]
GBT07A-063	Kepley, A. Wilcots, E. Muehle, S. Robishaw, T. Heiles, C. E. Zweibel, E.	University of Wisconsin at Madison (Astronomy) University of Wisconsin Toronto, University of University of California at Berkeley University of California University of Wisconsin at Madison (Astronomy)	Toney Minter	Magnetic Fields in Irregular Galaxies [A. Kepley]	LCX	S	[20 21 22 23] (27)	[27.00] (9.50)
GBT07A-074	Hewitt, J. Yusef-Zadeh, F.	Northwestern University Northwestern University	Ron Maddalena	Follow-Up of Radio Recomb Lines Associated with Supernova Remnants [J. Hewitt]	X	S	(2 6 8)	(10.00)
GBT07A-080	McLaughlin, M. Lorimer, D. Lyne, A. G. Manchester, D.R. N. Stairs, I. Kramer, M. Camilo, F. Possenti, A. Burgay, M. Cordes, J. M. Hill, M.	WVU West Virginia University NRAL Australia Telescope University of British Columbia Jodrell Bank Columbia Astrophysics Laboratory Istituto Nazionale di Astrofisica Istituto Nazionale di Astrofisica NAIC and Cornell University West Virginia University	Scott Ransom	Continued Radio Timing Observations of RRAT Sources [M. McLaughlin]	3	O	22	1.00
GBT07A-089	Camilo, F. Ransom, S. Lorimer, D.	Columbia Astrophysics Laboratory NRAO - CV West Virginia University	Scott Ransom	PSR J1833-1034, the Very Young Pulsar in the SNR G21.5-0.9 [F. Camilo]	8	B	[10 12]	[5.00]
GBT07A-098	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]	S8CX	B	1 14 15 16 20 21 22 24 25 26 27 28 [2 3 4 5 11] (3 5 10 12 17 19)	17.00 [5.00] (6.00)
GBT07A-102	Greenhill, L. J. Tan, J. Humphreys, E.M.L. Chandler, C. Matthews, L.D. Goddi, C. Reid, M. J.	CfA Florida, University of Harvard-Smithsonian Center for Astrophysics NRAO-Socorro CfA Istituto Nazionale di Astrofisica Center for Astrophysics	Toney Minter	Searching For A Predicted Very High Velocity Outflow From A Massive YSO [L. J. Greenhill]	Q	S	(3 5)	(8.00)
GBT07A-104	Martin, P.G. Chou, R. Damjanov, I.	University of Toronto Univ. Toronto Univ. Toronto	Jay Lockman	The Spider's Web from Ursa Major to Polaris [P.G. Martin]	L	S	[1 2 3 4 5 6 8 10 11 12 13 15 18 20 21 22 23 25]	[124.75]

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	Lockman, F. J. Miville-Deschenes, M.	NRAO-GB IAS Univ. Paris-Sud						
Comm	NRAO staff			Ka Comm	B	DSP	(17 19)	(12.00)
Maint	NRAO staff			Install 340 MHz	3		(22)	(3.00)
Maint	NRAO staff			Install 800 MHz	8		23	3.00
Maint	NRAO staff			Maintenance			15 [2 6 8 20 22 27] (7 9 14 16 28)	8.50 [46.50] (20.00)
Not Sched	NRAO staff						(16 23)	(1.50)
Tests	NRAO staff			M&C Install			14	4.00
Tests	NRAO staff			M&C Integ			7 [3 5]	4.00 [12.00]
Tests	NRAO staff			M&C Reg tests	L	DSP	9	6.00
Tests	NRAO staff			Pointing	X	DSP	(10 12 24 26)	(32.00)
Tests	NRAO staff			RCO*3 340 MHz	3	DSP	22	1.50
Tests	NRAO staff			RCO*8 800MHz	8	DSP	23	1.50
Tests	Ford			Servo tests			21 [24 26]	3.50 [8.00]
Tests	NRAO staff			Tests of BB241	S	G5	[2]	[3.50]
Total Hrs	Astronomy Commissioning Maintenance Un-assigned Tests	571.50 12.00 34.50 1.50 52.50	469.75 46.50 23.50					

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