GBT Observing Schedule for March 2007

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BB243	Black, G. Campbell, D. B.	UVA Cornell University		TOO - Interferometric Radar Observations of Asteroid 2006 VV2 [G. Black]	S	X	31	2.50
BB247	Busch, M.W. Benner, L.A.M. Ostro, S. Black, G. Kulkarni, S.R.	Jet Propulsion Laboratory JPL UVA Caltech		Radar Interferometric Imaging of Near-Earth Asteroid VV2 [M.W. Busch]	X	X	29 31	2.50
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 5)	(12.00)
GBT04A-001	VandenBout, P. A. Solomon, P. Carilli, C. L.	NRAO-CV SUNY at Stony Brook NRAO - Socorro	Ron Maddalena	Q-Band CO Observations [P. A. VandenBout]	Q	S	(10 12 14 16 20 21 22 23 24 26)	(45.00)
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	(1 2 3 5)	(15.50)
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	Jim Braatz	Monitoring of Five NGC4258-like Water Megamasers Discovered with the GBT and the DSN [P.T. Kondratko]	K	S	(6 8 10 12 25 27 29)	(47.00)
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	(21 23)	(7.00)
GBT05C-032	Shirley, Y.L. Mangum, J. G.	University of Arizona NRAO Charlottesville	Ron Maddalena	Tracing Protostellar Mass During Star Formation with 7mm and 9mm Continuum [J. G. Mangum]	BQ	D	(20 22 24 26 27 29 31)	(33.00)
GBT06A-017	Lim, J. Farrah, D. Dinh, V.T. Leon, S. Lonsdale, C. J.	Academia Sinica, IAA Department of Astronomy, Cornell University ASIAA Instituto de Astrofisica de Andalucia Caltech IPAC	Dana Balser	Molecular Gas in Infrared-Luminous Galaxies at Intermediate Redshifts [J. Lim]	Q	S	(6 8 10 11 12 13 14 15 16 17 18)	(72.00)
GBT06A-054	Demorest, P. Backer, D. C. Ferdman, R.	UC Berkeley (Physics) University of California, Berkeley University of British Columbia	Scott Ransom	Long-term Precision Timing of Millisecond Pulsars [P. Demorest]	L8	YR	24 25 [23 24 25 26]	8.00 [16.00]

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	Stairs, I. Nice, D. Jacoby, B.A. Bailes, M. Ord, S.	University of British Columbia Princeton University Naval Research Lab Swinburne University of Technology Swinburne University of Technology						
GBT06A-068	Shirley, Y.L. Myers, P. C.	University of Arizona Center for Astrophysics	Toney Minter	The Kinematical and Chemical Structure of Pre-protostellar Cores [Y.L. Shirley]	K	S	(24 26 27 29)	(24.00)
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	16 [17 18 20 22]	2.50 [15.00]
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]	L	GBY	[24 26]	[11.00]
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	[10 12]	[8.00]
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	[10 12]	[2.50]
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	31	1.75
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 11)	(17.00)

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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) University of Manchester Australia Telescope National Facility (ATNF) Jodrell Bank West Virginia University Manchester, University of 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	15 [20 22]	2.50 [4.00]
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	(19 25)	(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	(7 9)	(7.00)
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	[7 9]	[9.00]
GBT06C-029	Bhatnagar, S. Brogan, C.L. Langston, G. I. Golap, K.	NRAO New Mexico Facilities National Radio Astronomy Observatory NRAO-GB NRAO	Glen Langston	GBT 330 MHz Survey of the Inner Galactic Plane [S. Bhatnagar]	3	P	[17 18 21 23]	[29.00]
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	(27 29)	(7.00)
GBT06C-045	Champion, David Kaspi, V.	McGill University McGill University	Scott Ransom	A Search for Radio Emission from Magnetars after Outburst [David Champion]	S	G	[2]	[1.75]

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	Hessels, J. W. T. Woods, P. Thompson, C.	Universiteit van Amsterdam Space Science Research Center Canadian Institute for Theoretical Astrophysics						
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 4 5 6 7 8 9 10)	(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	[1 28 30]	[20.00]
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]	KUX	S	(10 12)	(10.00)
GBT07A-010	Mutel, R. L. Jaeger, T.	University of Iowa Iowa, University of	Toney Minter	A Search for Narrow-Band Stellar Radio Bursts Associated With CMI Emission [R. L. Mutel]	8S	S	[1 2]	[18.00]
GBT07A-012	Das, M. Braatz, J. A. Henkel, C. Menten, K. M.	Raman Research Institute NRAO - CV Max-Planck-Institut fur Radioa Max-Planck-Institut Fur Radioa	Larry Morgan	Searching for Water Masers in the AGN of Giant Low Surface Brightness Galaxies [J. A. Braatz]	K	S	(19 20 21 22 28 30)	(28.00)
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	[2 3 4 5 7 9 10 11 12 13 15] (1 2 3 4 5 6 8 11 13)	[75.25] (49.75)
GBT07A-019	Maccarone, T. Brisken, W.F. McLaughlin, M. Stappers, B.	U Southampton NRAO - SOC WVU Netherlands Foundation for Research in Astronomy	Scott Ransom	Searching for giant pulses from M82 pulsars [T. Maccarone]	3	G	[19 21]	[28.50]
GBT07A-021	Wolfe, A. M. Jorgenson, R. Heiles, C. E. Robishaw, T.	University of California-San D University of California at San Diego University of California University of California at Berkeley	Toney Minter	Detection of B Fields in Damped Lyman-alpha Sytems [A. M. Wolfe]	8	P	[31]	[17.75]

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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	(2 3 4 5 7 9 10 11 12 13 15 17 18 19 20 21 22 23)	(96.50)
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	(26 27 28 29)	(11.00)
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	(1 2 19 20 21 22 23 24 26 31)	(35.75)
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	[1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16]	[78.50]
GBT07A-040	Weintraub, L. Mason, B.S. Readhead, A. C. S. Pearson, T. J.	California Institute of Technology NRAO Green Bank Facility Caltech Caltech	Brian Mason	Detecting the Origin of Arcminute Scale CMB Anisotropy [L. Weintraub]	B	K	(31)	(8.50)
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)
GBT07A-048	Rudnick, L. Brown, S.	University of Minnesota University of Minnesota	Toney Minter	New Populations of Extended Polarization Sources [L. Rudnick]	LS	S	[13 14 15 16 17 18 19 20 21 22]	[34.75]
GBT07A-050	Cyganowski, C. Churchwell, E. B. Watson, C. Indebetouw, R. Whitney, B.	Wisconsin at Madison, University of University of Wisconsin Manchester College University of Virginia Space Science Institute	Toney Minter	Kinematics of Ionized and Molecular Gas Associated with IR Dust Bubbles [C. Cyganowski]	K	SD	(1 2)	(5.75)
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	Toney Minter	Magnetic Fields in Irregular Galaxies [A. Kepley]	X	S	(1)	(9.50)

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		University of Wisconsin at Madison (Astronomy)						
GBT07A-072	Wei, L. Kannappan, S. Baker, A.C. Vogel, S. N.	Maryland, University of Univ. of Texas University of Maryland University of Maryland	Frank Ghigo	Gas Reservoirs in Blue-Sequence Early-Type Galaxies [L. Wei]	L	S	[3 4 5 6 7 8 9 10 11 12]	[80.00]
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 Manchester, University of 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	[17 18 20 22]	[6.00]
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]	[3.00]
GBT07A-093	Borthakur, S. Yun, M. Verdes-Montenegro, L.	University of Massachusetts University of Massachusetts Instituto de Astrofisica de An	Frank Ghigo	Diffuse Intragroup Medium: Evolution and Connection to Large Scale Structures [S. Borthakur]	L	S	[16 24 26 28 30]	[51.50]
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 2 4 6 8 11 13 15 17 18 19 25 31 [3 5 7 9 10 12 14 16 24 26 27 29] (3 5 10 12 14 16 21 23 24 26 27 28 29 30)	18.00 [12.00] (14.00)
GT007	Taylor, G.B. Rodriguez, C. Peck, A.B. Zavala, R.	Univ. of New Mexico Center for Astrophysics USNO		Weighing the Binary Black Hole System in 0402+379 [G.B. Taylor]	L	5	14	10.50
Maint	NRAO staff			Install 800	8		23	4.00
Maint	NRAO staff			Maintenance			[1 6 8 20 22 27 29] (2 7 9 14 16 28 30)	[58.50] (28.00)

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Maint	NRAO staff			Maintenance/Install 340MHz	3		15	8.50
Not Sched	NRAO staff						(11 16 17 18 21)	(14.00)
Tests	NRAO staff			M&C Install			28	4.00
Tests	NRAO staff			M&C Integ			[20 21 22 23]	[16.00]
Tests	NRAO staff			M&C Reg	LSX	DSP	25	6.00
Tests	NRAO staff			OOF	QBK	DSP	(19)	(8.00)
Tests	NRAO staff			Pointing	X	DSP	(7 9 28 30)	(31.00)
Tests	NRAO staff			RCO*3 340MHz	3	DSP	15	1.50
Tests	NRAO staff			RCO*8 800 MHz	8	DSP	23	1.50
Tests	Ford			Servo tests			[17 18]	[8.50]
Tests	NRAO staff			Tcals	XCSLU		(14 16)	(8.00)
Total Hrs	Astronomy	630.50	521.50					
	Maintenance	40.50	58.50					
	Un-assigned	14.00						
	Tests	60.00	24.50					

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