

# GBT Observing Schedule for July 2006

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BU031	Ulvestad, J. Neff, S. G.	NRAO - Socorro GSFC		A Search for Young Supernovae in the Antennae Galaxies [J. Ulvestad]	S	V	15 30	10.00
GBT02A-053	Heiles, C. E. Roshi, A.D. Robishaw, T. Fisher, R.	University of California Raman Research Institute University of California at Berkeley NRAO Green Bank Facility		Magnetic fields in Photodissociation regions from Zeeman splitting of Carbon Recombination Lines [C. E. Heiles]	LSC	SP	1 2 3 4 5 7 13 14 [10 11 12 13 14 16 17]	50.50 [24.50]
GBT05B-034	Stairs, I. Camilo, F. Kramer, M. Faulkner, A. McLaughlin, M. Lyne, A. G. Hobbs, G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Ferdman, R. Ramachandran, R. Backer, D. C. Demorest, P. Nice, D.	University of British Columbia Columbia Astrophysics Laboratory Jodrell Bank Jodrell Bank Observatory WVU NRAL Australia Telescope National Facility (ATNF) Australia Telescope Osservatorio di Cagliari Osservatorio di Cagliari Istituto Nazionale di Astrofisica University of British Columbia UC Berkeley (Astronomy) University of California, Berkeley UC Berkeley (Physics) Princeton University	Scott Ransom	Timing Binary and Millisecond Pulsars from the Parkes Multibeam Survey [I. Stairs]	L	BOG	23	1.50
GBT05B-042	Kramer, M. Stairs, I. Camilo, F. McLaughlin, M. Lyne, A. G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Freire, P. Joshi, B. Ferdman, R.	Jodrell Bank University of British Columbia Columbia Astrophysics Laboratory WVU NRAL Australia Telescope Osservatorio di Cagliari Osservatorio di Cagliari Istituto Nazionale di Astrofisica Arecibo Observatory National Centre for Radio Astrophysics (India) University of British Columbia	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	L8	BOG	[21 23]	[10.00]
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	31	0.50
GBT05C-042	Ransom, S. Freire, P. Hessels, J. W. T.	NRAO - CV Arecibo Observatory McGill University	Scott Ransom	Timing the Binary and Millisecond Pulsars in NGC6440 and NGC6441 [S. Ransom]	S	GY	3 4	7.00

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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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	Begin, S. Stairs, I. Camilo, F. Kaspi, V.	University of British Columbia University of British Columbia Columbia Astrophysics Laboratory McGill University						
GBT05C-046	Stairs, I. Lorimer, D.	University of British Columbia West Virginia University	Scott Ransom	Timing of a Relativistic Binary and other Pulsars from the Arecibo PALFA Survey [I. Stairs]	L	YG	8	4.00
GBT05C-057	Jorgenson, R. Wolfe, A. M. Prochaska, J. Darling, J.	University of California at San Diego University of California-San D University of California Colorado at Boulder, University of	Frank Ghigo	Search for 21cm Absorption toward Radio Loud, Extremely Optically Faint Sources [R. Jorgenson]	3	S	8	4.25
GBT06A-014	Tarchi, A. Henkel, C. Brunthaler, A. Braatz, J. A.	Istituto di Radioastronomia 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	5	3.25
GBT06A-046	Langston, G. I. Turner, B.	NRAO-GB NRAO-CV	Glen Langston	A search for the Largest Interstellar Molecule, HC <sub>13</sub> N [G. I. Langston]	U	S	2 3 4 18 19 20 [14 16]	25.50 [15.00]
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]	L8	YR	1 2 3	15.00
GBT06A-070	Camilo, F. Ransom, S. Halpern, J. P. Helfand, D. J.	Columbia Astrophysics Laboratory NRAO - CV Columbia University Columbia University	Scott Ransom	A new radio transient [F. Camilo]	CUSX8	BGM	19 20	4.00
GBT06A-071	Camilo, F. Minter, A. Ransom, S. Zimmerman, N. Helfand, D. J. Halpern, J. P. Reynolds, J. E.	Columbia Astrophysics Laboratory NRAO - Green Bank NRAO - CV Columbia University Columbia University Columbia University Australia Telescope National F		Constraining the distance to the magnetar XTE J1810-197 via HI absorption [F. Camilo]	L	MG	21 22	8.00
GBT06A-072	Kaspi, V. Champion, David Hessels, J. W. T.	McGill University McGill University McGill University		ToO GBT Observations of AXP 4U 0142+61 [V. Kaspi]	S	G	15	2.50
GBT06B-006	Gottlieb, C. A. Bruenken, S.	Harvard University Harvard-Smithsonian Center for	Ron Maddalena	Search for Four C5H2 Carbene Molecules in Space [C. A. Gottlieb]	UX	S	(13 14 16 17 21 23)	(70.00)

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	McCarthy, M. Gupta, H. Thaddeus, P.	Astrophysics Harvard-Smithsonian Center for Astrophysics Harvard-Smithsonian Center for Astrophysics Center for Astrophysics						
GBT06B-012	Magnani, L. Douglas, K.A. Wennerstrom, E. Chastain, Raymond Onello, J.	University of Georgia University of California, Berkeley University of Georgia University of Georgia SUNY	Ron Maddalena	OH Observations of the Envelope of MBM 40 [L. Magnani]	L	S	[20 21 22 23 24 25 26 27 28 29 30 31]	[32.00]
GBT06B-013	Foster, Tyler Kerton, C.R. Arvidsson, Kim	NRC Iowa State Univ Iowa State University	Dana Balsler	CTB 102: The Largest HII Region in the Galaxy? [Tyler Foster]	C	S	31	5.50
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	6 7 8	8.75
GBT06B-016	Bruenken, S. Brown, R. Godfrey, P.D. Thaddeus, P.	Harvard-Smithsonian Center for Astrophysics Monash University Monash University Center for Astrophysics	Frank Ghigo	A Search for the Nucleobase Uracil towards Sagittarius B2 [S. Bruenken]	U	S	(20 21 22 23 24 25 26 27 28 29 30 31)	(32.00)
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 Osservatorio di Cagliari Osservatorio di Cagliari Istituto Nazionale di Astrofisica Arecibo Observatory	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	3	GBY	8	5.00
GBT06B-019	Minter, A.	NRAO - Green Bank	Toney Minter	Obtaining A Complete Sample Of Pulsar OH Absorption With The GBT [A. Minter]	L	M	21 23 24 26 28 29 30 [25 27]	19.00 [10.50]
GBT06B-020	O'Neil, K. Davies, J. Auld, R. Martin, B. Boselli, A. Bothun, G. D.	NRAO - GB Cardiff University University of Cardiff ESO Observatoire de Paris University of Oregon	Karen O'Neil	HI in Galaxies and Environments [K. O'Neil]	L	S	28 29 30 [21 23]	30.00 [9.00]

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	Brosch, N. Brinks, E. Cantinells, Barbara Disney, M. J. de Blok, E. Gavazzi, G. Giovannelli, R. Haynes, M. P. Henning, T. Hoffman, G. L. Irwin, J. Karachentsev, I.D. Kilborn, V.A. Koribalski, B. Linder, S.M. Minchin, R.F. Morjjan, E. Putman, M. Rosenberg, J.L. Sabatini, Sabina Schneider, S. E. Spekkens, K. van Driel, W.	Tel Aviv University INAOE NAIC University College, Cardiff University of Cardiff Universita di Milano Cornell University Cornell University University of New Mexico Lafayette College Queen's University SAO Swinburne Univeristy of Technology Australia Telescope National F Cardiff NAIC Arecibo Observatory (Puerto Rico) University of Michigan Center for Astrophysics, Harvard Osservatorio Astronomico di Roma University of Massachusetts Cornell University DAEC, Observatoire de Meudon							
GBT06B-021	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	Frank Ghigo	Mapping Matter in the Nearby Universe with 2MASS [K. Masters]	L	S	31	1.00	
GBT06B-025	McLaughlin, M. Lorimer, D. Kramer, M. Stairs, I. Lyne, A. G.	WVU West Virginia University Jodrell Bank University of British Columbia NRAL	Scott Ransom	Low Frequency Observations of RRAT Sources [M. McLaughlin]	3	YGB	7 [9 10 11 12]	2.00 [14.00]	
GBT06B-026	Deneva, J. Cordes, J. M. Lazio, T. J. Bhat, R. Chatterjee, S. Ransom, S. Bower, G. C. Vlemmings, W. Demorest, P. Backer, D. C.	Cornell University NAIC and Cornell University Naval Research Laboratory Swinburne University Center for Astrophysics NRAO - CV UC Berkeley Jodrell UC Berkeley (Physics) University of California, Berkeley	Scott Ransom	Searching for Pulsars and Transient Sources in the Galactic Center [J. Deneva]	XC	G	18 19 25 26 (9 10 11 12)	14.00 (14.00)	

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GBT06B-030	Martin, P.G. Boothroyd, A. Viero, M. Miville-Deschenes, M. Lockman, F. J.	University of Toronto University of Toronto University of Toronto IAS Univ. Paris-Sud NRAO-GB	Jay Lockman	Characterizing Dust Evolution in Intermediate Velocity Clouds [P.G. Martin]	L	S	5 6 10 11 17 18 19 20 22 23 25 26 27 28 29 31	56.25
GBT06B-031	Muno, M. P. Ransom, S. Figer, D.	UC Los Angeles NRAO - CV STScI	Scott Ransom	Searching for Pulsars in Massive Young Star Clusters [S. Ransom]	8	G	14 15	7.25
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 McGill University McGill University Columbia Astrophysics Laboratory	Scott Ransom	Timing of the Binary and Millisecond Pulsars in M28 [S. Begin]	S	G	15 16	3.00
GBT06B-033	Hessels, J. W. T. Ransom, S. Kaspi, V. Champion, David Roberts, M.	McGill University 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]	83	G	1 8 9 10 11 12 17	35.50
GBT06B-035	Kent, B. Giovannelli, R. Haynes, M. P. Lockman, F. J.	Cornell University Cornell University Cornell University NRAO-GB	Frank Ghigo	ALFALFA HI Clouds: Milky Way HVCs or Virgo Cluster Harassment Remnants? [B. Kent]	L	S	3 7 9 [13 14 16]	12.00 [7.00]
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 UC Berkeley (Astronomy)	Toney Minter	Probing the Small-Scale Structure of Molecular Gas with Pulsar B1641-45 [J. M. Weisberg]	L	M	4 5 6 7 8	6.42
GBT06B-038	Crutcher, R. M. Churchwell, E. B. Troland, T. H. Watson, D. Zweibel, E.	University of Illinois University of Wisconsin University of Kentucky University of Wisconsin at Madison University of Wisconsin at Madison (Astronomy)	Toney Minter	Magnetic Fields in GLIMPSE Dark Filaments [R. M. Crutcher]	L	P	17 18 19 20 24	20.25
GBT06B-040	Kanekar, N. Frail, D. A. Macquart, J.P. van Straten, W.	NRAO-AOC NRAO-SOC NRAO - Soc Astron	Scott Ransom	A Targeted High Frequency Search for Pulsars at the Galactic Center [N. Kanekar]	U	G	(10 11 12 13)	(10.50)
GBT06B-044	Ferdman, R. Stairs, I. Backer, D. C.	University of British Columbia University of British Columbia University of California, Berkeley	Scott Ransom	Timing Binary and Millisecond Pulsars from the Parkes Multibeam Survey [R. Ferdman]	L	YGB	1 17 18	7.00

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GBT06B-045	Hewitt, J. Yusef-Zadeh, F.	Northwestern University Northwestern University	Toney Minter	A Continued Search for Supernova Remnant Masers [J. Hewitt]	L	S	[13 16]	[8.00]
GBT06B-049	Margot, J.L. Peale, S. Jurgens, R. Slade, M.	Cornell University Dept. of Physics, U. of Calif., Santa Barbara JPL JPL	Frank Ghigo	High-precision measurements of the spin of Mercury [J.L. Margot]	X	X	2 12	4.00
GBT06B-050	Heroux, A.J. Martin, E. Minter, A. Thomas, Kristen Metha, K.	NRAO NRAO NRAO - Green Bank NRAO NRAO		Green Bank REU Student GBT Exploratory Time [A. Minter]	LK	S	6	8.50
GBT06B-053	Yun, M. Borthakur, S. Verdes-Montenegro, L.	University of Massachusetts University of Massachusetts Instituto de Astrofisica de An o, L.		Completing the GBT Survey of Cold Diffuse Intragroup Medium in HCGs [M. Yun]	L	S	21	2.00
Calibratio	NRAO staff			Pointing	XC		(22)	(11.00)
Calibratio	NRAO staff			SCAL	LCS	DSP	15	6.00
Maint	NRAO staff			Maintenance	38		5 6 10 11 12 13 17 18 19 20 24 25 26 27 31	144.75
Not Sched	NRAO staff						15	1.00
Setup	NRAO staff		Scott Ransom Frank Ghigo Jim	Observation setup	SL83KUCX	VSPBOGYDR MX	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 17 18 19 20 21 22 23 24 25 26 27 28 29 30	47.42 [14.00] (7.75)

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							31 [9 10 11 12 13 14 16 20 21 22 23 24 25 26 27 28 29 30] (9 10 11 12 13 16 20 21 22 23 24 26 27 28 29 30)	
Tests	NRAO staff			Az track tests			[22] (25 27)	[11.00] (11.50)
Tests	NRAO staff			RCO*3 340 MHz	3	DSP	5	2.00
Tests	NRAO staff			RCO*8 800 MHz	8	DSP	12	2.75
Total Hrs	Astronomy Setup Calibration Maintenance Un-assigned Tests	509.92 55.17 17.00 144.75 1.00 16.25	130.00 14.00					11.0

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