

# GBT Observing Schedule for October 2007

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BB240	Bower, G. C. Bolatto, A. Ford, E. Kalas, P.	UC Berkeley University of California at Berkeley University of Amsterdam Calif.-Berkeley		R IPL: Radio Interferometric PLANet Search [G. C. Bower]	X	5	4 8 (27 28 30)	17.00 (16.75)
GB060	Bach, U. Kirchbaum, T.P. Middelberg, E. Alef, W. Witzel, A. Zensus, J. A.	Osservatoria Astronomico di Torino MPIfR ATNF Max-Planck-Institut Fur Radioa Max-Planck-Institut fur Radioa MPIfR		Measuring the counter-jet speed in Cygnus A [U. Bach]	Q	5	23 24	16.50
GBT05A-029	VandenBout, P. A. Solomon, P. Maddalena, R.	NRAO-CV SUNY at Stony Brook NRAO-Green Bank		Search for Cold Molecular Gas at High Redshift [P. A. VandenBout]	B	SD	10	8.00
GBT05C-003	VandenBout, P. A. Solomon, P. Maddalena, R. Carilli, C. L.	NRAO-CV SUNY at Stony Brook NRAO-Green Bank NRAO - Socorro	Ron Maddalena	Search for Dense Molecular Gas at High Redshift [P. A. VandenBout]	B	S	1 3 10 20 (30 31)	13.00 (9.25)
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]	Q	PS	16	11.00
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]	B	D	21 (28 29)	6.50 (7.25)
GBT06A-049	Readhead, A. C. S. Weintraub, L. Mason, B.S. Pearson, T. J. Shepherd, M. C.	Caltech California Institute of Technology NRAO Green Bank Facility Caltech Caltech	Brian Mason	Definitive Detection of Excess Arcminute Scale CMB Anisotropies [L. Weintraub]	B	K	16	5.50
GBT06C-045	Champion, D. Kaspi, V. Hessels, J. W. T. Woods, P. Thompson, C.	McGill University McGill University Universiteit van Amsterdam Space Science Research Center Canadian Institute for Theoretical Astrophysics	Scott Ransom	A Search for Radio Emission from Magnetars after Outburst [D. Champion]	S	G	6	2.00
GBT07A-029	Crutcher, R. M. Troland, T. H. Hakobian, N.	University of Illinois University of Kentucky University of Illinois	Toney Minter	A Definitive Test of Star Formation Theory [R. M. Crutcher]	L	P	2 4 5 6 7 8 9 11 12 [31]	69.75 [8.00]
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	S	10 13 16	8.25

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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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GBT07A-051	Hollis, J. M. Remijan, A. Jewell, P. R. Lovas, F. J.	NASA/GSFC National Radio Astronomy Observatory NRAO-CV Nat'l Instit. of Standards and Technology	Larry Morgan	A GBT Legacy Survey of Prebiotic Molecules Toward SgrB2(N-LMH) and TMC-1 [J. M. Hollis]	LSCXUKBQ8	S	5 13 19 22 26	12.00
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]	X	S	15	8.00
GBT07A-066	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 [J. A. Braatz]	K	S	(29)	(20.00)
GBT07A-087	Demorest, P. Jacoby, B.A. Ferdman, R. Backer, D. C. Stairs, I. Nice, D. Lommen, A. Ransom, S. Bailes, M. Cognard, I	UC Berkeley (Physics) Naval Research Lab University of British Columbia University of California, Berkeley University of British Columbia Princeton University Franklin and Marshall College NRAO - CV Swinburne University of Technology CNRS-Orleans	Scott Ransom	Detecting nHz Gravitational Radiation using a Pulsar Timing Array [P. Demorest]	L8	RY	1 27 28 [29]	23.50 [7.50]
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	22	1.00
GBT07A-094	Ransom, S. Hessels, J. W. T. Stairs, I. Freire, P. Camilo, F. Kaspi, V.	NRAO - CV Universiteit van Amsterdam University of British Columbia Arecibo Observatory Columbia Astrophysics Laboratory McGill University	Scott Ransom	Continued Timing of the 33 Millisecond and Binary Pulsars in Terzan 5 [S. Ransom]	S	G	6	8.00
GBT07A-100	Thaddeus, P. Gupta, H. Gottlieb, C. A. McCarthy, M. Bruenken, S.	Center for Astrophysics Harvard-Smithsonian Center for Astrophysics Harvard University Harvard-Smithsonian Center for	Frank Ghigo	Search for the anions C4H- and C8H- in TMC-1 and additional observations of C6H- [C. A. Gottlieb]	KUX	S	20 (31)	8.00 (9.25)

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		Astrophysics Harvard-Smithsonian Center for Astrophysics						
GBT07B-025	Ransom, S. Stairs, I. Freire, P. Hessels, J. W. T.	NRAO - CV University of British Columbia Arecibo Observatory Universiteit van Amsterdam	Scott Ransom	Continued Timing of the Millisecond Pulsars in M28, NGC6440 and NGC6441 [S. Ransom]	S	G	10 12 (31)	9.25 (8.50)
GBT07B-029	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	GYB	27 [29]	5.25 [5.25]
GBT07B-034	Ferdman, R. Stairs, I. Kramer, M. McLaughlin, M. Faulkner, A. Backer, D. C. Demorest, P. Nice, D. Burgay, M. Camilo, F. D'Amico, N. Hobbs, G. Lorimer, D. Lyne, A. G. Manchester, D.R. N. Possenti, A.	University of British Columbia University of British Columbia Jodrell Bank WVU University of Manchester University of California, Berkeley UC Berkeley (Physics) Princeton University Istituto Nazionale di Astrofisica Columbia Astrophysics Laboratory Osservatorio di Cagliari Australia Telescope National Facility (ATNF) West Virginia University Manchester, University of Australia Telescope Istituto Nazionale di Astrofisica	Scott Ransom	Timing Binary and Millisecond Pulsars from the Parkes Multibeam Survey [R. Ferdman]	L	Y	7 11 14 15	13.50
GBT07B-036	Mangum, J. G. Ott, J. Darling, J.	NRAO Charlottesville National Radio Astronomy Observatory Colorado at Boulder, University of	D.J. Pisano	Cyanoacetylene Densitometry of External Galaxies [J. G. Mangum]	OKXBQ	S	17 18 21 (28)	4.00 (1.50)
GBT07B-037	Yusef-Zadeh, F. Braatz, J. A.	Northwestern University NRAO - CV	Jim Braatz	A Search for High Velocity Masers in the Galactic Center Molecular Ring [J. A. Braatz]	KQ	S	(30)	(4.75)
GBT07B-040	Pisano, D.J. Maddalena, R. McCarty, A.	NRAO-GB NRAO-Green Bank		Comparing GBT and VLA HI fluxes of isolated galaxies [D.J. Pisano]	L	S	26	3.00

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GBT07C-020	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]	SXC	G	2 11 16 22 28	7.75
GBT07C-029	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)	Toney Minter	Magnetic Fields in Irregular Galaxies [A. Kepley]	X	S	3 7 11 21	25.75
GBT07C-033	Hessels, J. W. T. Ransom, S. Weltevrede, P. Kaspi, V. Stappers, B. Champion, D. Roberts, M.	Universiteit van Amsterdam NRAO - CV  McGill University Netherlands Foundation for Research in Astronomy McGill University Eureka Scientific, Inc.	Scott Ransom	Follow-up Studies of Recent GBT Pulsar Discoveries [J. W. T. Hessels]	8	G	2 3 4 12 24 31	6.50
GBT07C-036	Shirley, Y.L. McCarthy, M. Thaddeus, P.	University of Arizona Harvard-Smithsonian Center for Astrophysics Center for Astrophysics	Paul Ruffle	Probing Starless Core Chemical Evolution with Multiply Deuterated Molecules [Y.L. Shirley]	K	S	3 11 14	21.50
GBT07C-044	McLaughlin, M. Lorimer, D. Boyles, J. Cordes, J. M. Lyne, A. G. Kramer, M.	WVU West Virginia University West Virginia University NAIC and Cornell University Manchester, University of Jodrell Bank	Scott Ransom	Continued Radio Timing Observations of RRAT Sources [M. McLaughlin]	8	G	5 6 7 8 9 12	9.00
GBT07C-045	Brown, S. Rudnick, L.	University of Minnesota University of Minnesota	Toney Minter	Probing Magnetic Fields on the Largest Scales [S. Brown]	L	S	6 7 10 13 14 17 18 22 23 24 25 26 [28]	68.25 [5.50]
GBT07C-060	Camilo, F. Ransom, S. Roberts, M. McLaughlin, M. Arzoumanian, Z. Freire, P. Lorimer, D. Ray, P. S. Romani, R. W. Halpern, J. P.	Columbia Astrophysics Laboratory NRAO - CV Eureka Scientific, Inc. WVU NASA/GSFC Arecibo Observatory West Virginia University Naval Research Lab Stanford University Columbia University	Scott Ransom	GLAST timing at GBT: six key radio-faint pulsars [F. Camilo]	8S	BG	2 20 [31]	7.50 [1.50]
GBT07C-062	Ransom, S.	NRAO - CV	Scott Ransom	Terrestrial-mass planets around pulsar NGC6440C? [S.]	S	G	13 15 17 22 25	12.00

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	Stairs, I. Freire, P. Hessels, J. W. T. Begin, S.	University of British Columbia Arecibo Observatory Universiteit van Amsterdam University of British Columbia		Ransom]			28 [30]	[2.00]
GBT07C-067	Courtois, H. Tully, R.B. Fisher, R. Zavodny, M.	Institute for Astronomy Institute for Astronomy NRAO Green Bank Facility	Rick Fisher	Bulk Motions of Filaments in the Local Universe [H. Courtois]	L	S	1 15 17 18 19 22	37.50
GBT07C-068	Lovell, A. Howell, E.	Agnes Scott College Arecibo Observatory	Toney Minter	OH Observations of Short- and Long-Period Comets [A. Lovell]	L	P	22 23 25	16.50
GBT07C-071	Hales, A. Casassus, S.	Chile, Universidad de	Brian Mason	The 1 cm continua of HAeBe stars [A. Hales]	B	K	7 14 16	8.00
GBT07C-082	Aguirre, J. Spekkens, K.M.M. Mason, B.S.	Cornell University NRAO Green Bank Facility	Brian Mason	Searching for Dark Matter Annihilations in Draco [J. Aguirre]	L	S	24 25 26 27 [27 28 29 30]	16.75 [27.50]
GBT07C-084	Kasian, L. Stairs, I. Kramer, M. Lorimer, D.	University of British Columbia University of British Columbia Jodrell Bank West Virginia University	Scott Ransom	GBT Timing of a Young Highly Relativistic Binary Pulsar [L. Kasian]	LS	G	17	4.50
GBT07C-085	Arzoumanian, Z.	NASA/GSFC	Scott Ransom	A Search for Pulsations from the Candidate Young Neutron Star in G76.9+1.0 [Z. Arzoumanian]	S	G	24 27 [29]	12.00 [6.00]
GBT07C-088	Lockman, F. J. Boothroyd, A. Martin, P.G.	NRAO-GB University of Toronto University of Toronto		Calibration Sources for GBT Stray Radiation Corrections [F. J. Lockman]	L	S	11 26	6.00
GC029	Chi, S. Garrett, M.A. Barthel, P. D.	JIVE Kapteyn Astronomical Institute		Deep, high-resolution observations of the Hubble Flanking Field region [S. Chi]	L	5	20	9.50
GL030	Lane, W.M. Kanekar, N. Briggs, F. H. Vermeulen, R.	Naval Research Lab NRAO-AOC ANU Stichting ASTRON		Deep, high-resolution observations of the Hubble Flanking Field region [W.M. Lane]	L	5	19	12.50
Comm	Balser			C band Comm	C	DSP	25 (30)	6.00 (5.00)
Comm	Maddalena			Ka Comm	B	DSP	3	1.50
Comm	NRAO staff			Ka+CCB Comm	B	K	2 9	10.00
Comm	NRAO staff			Ka+Zpec Comm	B	Z	8 9	11.00
Comm	Baker Harris			Zpect Comm	B	Z	13	2.50

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Maint	NRAO staff			Maintenance			2 5 9 15 18 24 [30 31]	50.50 [16.50]
Tests	NRAO staff			BD120 tests	C	5	(30)	(1.50)
Tests	NRAO staff			M&C Install	LCXU	DSP	3	4.00
Tests	NRAO staff			M&CReg tests	LCXU	DSP	1	11.00
Tests	Ghigo			Ptg	X	DSP	7	3.75
Tests	NRAO staff			RCO C band	CK	DSP	21	4.00
Tests	Lockman			SR tests			11	0.50
Tests	NRAO staff			Servo tests			10 23	8.25
Tests	NRAO staff			Un-assigned Tests			21	4.50
Tests	NRAO staff			Zpec tests	B	Z	5	0.50
Tests	NRAO staff			Zspectrometer tests	B	DSP	4	7.50
Total Hrs	Astronomy Commissioning Maintenance Un-assigned Tests	611.75 36.00 50.50 45.50	63.25 16.50					

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