

GBT Observing Schedule for July 2008

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		RIPL: Radio Interferometric PLANet Search [G. C. Bower]	X	5	2 3 7 8 14 15 19 23 24	43.00
BB253	Bietenholz, M. F. Bartel, N. Fesen, R. A. Milisavljevic, D.	York University York University Dartmouth College		An Image of a #75-Year Old Supernova Remnant in NGC 4449 [M. F. Bietenholz]	L	5	19	13.00
BI035	Imai, H. Deguchi, S. Nakashima, J. Diamond, P. J.	Kagoshima Univ Nobeyama Radio Observatory ASIAA MERLIN/VLBI National Facility		Proper motions of the W43A SiO masers [H. Imai]	Q	5	20 21	6.50
BM267	Mutel, R. L. Guedel, M. Peterson, W.	University of Iowa Paul Scherrer Institute		Time-Lapse Imaging of Algol's Radio Magnetosphere [R. L. Mutel]	U	5	4 12 27	37.50
GBT04A-003	Curran, S. Whiting, M. Webb, J. Murphy, M. T. Pihlstrom, Y. Wiklund, T. Francis, P.	University of New South Wales Australia Telescope National Facility University of New South Wales Cambridge, University of UNM Space Telescope Science Institute Australian National University	Carl Bignell	Highly Redshifted HI and OH Absorption in Red Quasars [S. Curran]	8	SP	17	1.50
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	4 5	4.25
GBT05C-027	Mangum, J. G. Wootten, H. A.	NRAO Charlottesville NRAO-CV	Dana Balser	An Exact Identification of High Densities in Molecular Clouds [J. G. Mangum]	Q	S	1 2	2.25
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	1.00
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]	U	S	3	5.00
GBT07A-087	Demorest, P. Jacoby, B.A. Ferdman, R. Backer, D. C. Stairs, I. Nice, D. Lommen, A. Ransom, S. Bailes, M.	UC Berkeley (Physics) Naval Research Lab University of British Columbia University of California, Berkeley University of British Columbia Bryn Mawr College Franklin and Marshall College NRAO - CV Swinburne University of	Scott Ransom	Detecting nHz Gravitational Radiation using a Pulsar Timing Array [P. Demorest]	L8	RY	25 26	15.00

Gregorian Bands: Q=40-50GHz, K=18-26.5GHz, U=12.4-15.4GHz, X=8.2-10.0GHz, C=3.95-5.85GHz, S=1.73-2.6GHz, L=1.15-1.73GHz

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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	Cognard, I	Technology CNRS-Orleans						
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	25	5.25
GBT07C-013	Kanekar, N. Chengalur, J.	NRAO-AOC NCRA (TIFR)	Frank Ghigo	Conjugate OH lines in the z ~ 0.886 gravitational lens towards 1830-21 [N. Kanekar]	8	S	18 19 27 28	12.50
GBT07C-018	Kanekar, N. Carilli, C. L. Stocke, J. T.	NRAO-AOC NRAO - Socorro University of Colorado	Jim Braatz	A blind GBT Q-band survey for redshifted molecular absorption [N. Kanekar]	Q	S	2 25	10.25
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	30	1.00
GBT07C-054	Meier, D.S. Kanekar, N.	National Radio Astronomy Observatory NRAO-AOC	D.J. Pisano	A K _a and Q band Spectral line Survey of Molecular Gas at z = 0.685 [D.S. Meier]	Q	S	28	4.00
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]	L8	BG	20 25 26	11.75
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	16 17 18 28 29 30	32.00
GBT07C-084	Kasian, L. Stairs, I.	University of British Columbia University of British Columbia	Scott Ransom	GBT Timing of a Young Highly Relativistic Binary Pulsar [L. Kasian]	L	G	15 16	4.50

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	Kramer, M. Lorimer, D.	Jodrell Bank West Virginia University						
GBT08A-014	Lockman, F. J. Benjamin, R.A.	NRAO-GB University of Wisconsin-Whitewater	Jay Lockman	On the Trail of Smith's Cloud [F. J. Lockman]	L	S	5 6	14.50
GBT08A-020	Hessels, J. W. T. Ransom, S. Kaspi, V. Roberts, M. Champion, D. Stappers, B.	Universiteit van Amsterdam NRAO - CV McGill University Eureka Scientific, Inc. McGill University Netherlands Foundation for Research in Astronomy	Scott Ransom	Completing the GBT350 Pulsar and Transient Survey of the North Galactic Plane [J. W. T. Hessels]	8	G	30	1.50
GBT08A-021	Mangum, J. G. Darling, J. Menten, K. M. Henkel, C.	NRAO Charlottesville Colorado at Boulder, University of Max-Planck-Institut Fur Radioa Max-Planck-Institut fur Radioa	Jim Braatz	Formaldehyde Densitometry of IR-Bright Galaxies [J. G. Mangum]	U	S	1 18	15.75
GBT08A-033	Blanton, M.R. Geha, M. West, A.A. Kazin, E.	New York University Carnegie Observatories California at Berkeley, University of	Jules Harnett	Testing the cold dark matter mass function with dwarf disk galaxies [M.R. Blanton]	L	S	15	4.75
GBT08A-062	Darling, J. Macdonald, E.	Colorado at Boulder, University of	Jules Harnett	A "Blind" HI Absorption Pilot Survey of the Local Universe [J. Darling]	L	S	26 27	3.50
GBT08A-069	Margot, J.L. Peale, S. Slade, M.	Cornell University Dept. of Physics, U. of Calif., Santa Barbara JPL	Frank Ghigo	Spin state and interior of Mercury [J.L. Margot]	X	X	5 6 26 28	6.25
GBT08A-072	Courtois, H. Tully, R.B. Fisher, R. Zavodny, M. Bonhomme, N.	Institute for Astronomy Institute for Astronomy NRAO Green Bank Facility	Rick Fisher	Bulk motions of filaments in the Local Universe [H. Courtois]	L	S	7 9 13	6.00
GBT08A-073	Kanekar, N. Marthi, V.	NRAO-AOC	Jules Harnett	A deep search for associated HI 21cm absorption in red quasars [N. Kanekar]	8	S	17	0.75
GBT08A-075	Higdon, J. L. Koopmann, R. Higdon, S.J. Haynes, M. P. Giovannelli, R. Kent, B.	Cornell University Union College Cornell Cornell University Cornell University Cornell University	Jules Harnett	Mapping a 500 kpc HI Plume in the Virgo Cluster with the GBT [J. L. Higdon]	L	S	5 9 13 20 27 28 29	27.00
GBT08A-076	Kanekar, N. Ellison, S.E. York, B	NRAO-AOC University of Victoria University of Victoria	Jules Harnett	The nature of damped Lyman-alpha systems, as traced by their spin temperatures [N. Kanekar]	3	P	22	1.25

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GBT08A-082	Yun, M. Borthakur, S. Tripp, T. Bowen, D. V. York, D.	University of Massachusetts University of Massachusetts University of Massachusetts Princeton University University of Chicago	Jules Harnett	Probing Distribution and Physical Characteristics of HI Clouds in Galaxy Halos [M. Yun]	L	S	5 8	8.25
GBT08A-093	Heatherly, S.	NRAO-GB		GB Educational Observing [S. Heatherly]	83L	G	12 13 22 23	19.75
GBT08B-003	Masters, K. Huchra, J. Crook, A. Macri, L. Jarrett, T.H. Springob, C.	Harvard-Smithsonian Center for Astrophysics Center for Astrophysics MIT National Optical Astronomy Observatory (NOAO) Caltech Cornell University	Jules Harnett	Mapping Matter in the Nearby Universe with 2MASS [K. Masters]	L	S	1 4 5 6 8 9 10 11 13 14 23 24	54.00
GBT08B-006	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]	L	G	9 22 29	2.25
GBT08B-007	Ashby, M. Rosolowsky, E. Willner, S. P. Smith, H. A. Wang, Z. Chakrabarti, S. Fazio, G. G.	CfA Harvard-Smithsonian Center for Astrophysics Center for Astrophysics National Air & Space Museum CfA SNBNCBS, India CfA	Jules Harnett	Completing HI Mass Measurements for the Star Formation Reference Survey [M. Ashby]	L	S	11	6.75
GBT08B-009	Harnett, J. I. Beck, R. Kepley, A.	Max-Planck-Institut fur Radioa University of Wisconsin at Madison (Astronomy)	Jules Harnett	Magnetic fields and the interstellar medium in three large spiral galaxies [J. I. Harnett]	C	S	2 14 17	10.25
GBT08B-014	Kanekar, N. Chengalur, J. Ghosh, T.	NRAO-AOC NCRA (TIFR) Arecibo Observatory	Ron Maddalena	Probing changes in fundamental constants with conjugate satellite OH lines [N. Kanekar]	L	S	21 30 31	6.50
GBT08B-017	Deneva, J. Cordes, J. M. Lazio, T.J.W.	Cornell University NAIC and Cornell University Naval Research Laboratory	Scott Ransom	Spectrum Estimation and Timing of Two Highly Dispersed Pulsars Near SGR A* [J. Deneva]	LS	G	30	1.50
GBT08B-019	Ghosh, T. Salter, C. J. Catinella, B. Lebron, M. Lerner, M. Minchin, R.F. Monjjan, E. O'Neil, K.	Arecibo Observatory Arecibo Observatory Instituto de Astronomia Onsala Space Observatory NAIC Arecibo Observatory (Puerto Rico) NRAO - GB	Karen O'Neil	A GBT Cm-wave Search for Prebiotic & Other Molecules in Arp220-like Galaxies [T. Ghosh]	C	S	2 3 7 9 11 23 30	12.50

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GBT08B-022	Anderson, L. Bania, T. M. Rood, R. T. Balsler, D.S.	Boston University University of Virginia NRAO - Green Bank	Dana Balsler	How many HII Regions are in the Milky Way? [L. Anderson]	X	DS	24 25	3.00
GBT08B-023	Ferdman, R. Stairs, I. Kramer, M. McLaughlin, M. Demorest, P. Nice, D. Burgay, M. Camilo, F. D'Amico, N. Hobbs, G. Lorimer, D. Lyne, A. G. Manchester, D.R. N. Possenti, A. Faulkner, A. Backer, D. C.	University of British Columbia University of British Columbia Jodrell Bank WVU UC Berkeley (Physics) Bryn Mawr College 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 University of Manchester University of California, Berkeley	Scott Ransom	Timing Binary Pulsars from the Parkes Multibeam Survey [R. Ferdman]	L	YB	5 6 7 10	4.25
GBT08B-027	Lovell, A. Howell, E.	Agnes Scott College Arecibo Observatory	Frank Ghigo	OH Observations of Long-Period Comet C/2007 W1 Boattini [A. Lovell]	L	P	11	7.00
GBT08B-030	Chynoweth, K. Langston, G. I. Holley-Bockelmann, K.	NRAO-GB	Glen Langston	A Search for HVC Analogs in the NGC 2403 Group [K. Chynoweth]	L	S	16 26	6.25
GBT08B-033	Boyles, J. Lorimer, D. McLaughlin, M. Ransom, S. Stairs, I. Hessels, J. W. T. Archibald, A. Cordes, J. M. Kondratiev, V. Kasian, L. Kaspi, V. Katz, J. Roberts, M. Deneva, J. Champion, D. van Leeuwen, J.	West Virginia University West Virginia University WVU NRAO - CV University of British Columbia Universiteit van Amsterdam NAIC and Cornell University West Virginia University University of British Columbia McGill University Virginia, University of Eureka Scientific, Inc. Cornell University McGill University University of British Columbia	Scott Ransom	Timing of new pulsars: Continuation of the GBT 350-MHz drift scan survey [J. Boyles]	8	G	1 3 7 14 24	11.50

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	McPhee, C.							
GBT08B-034	Minter, A. Lockman, F. J. Benjamin, R.A.	NRAO - Green Bank NRAO-GB University of Wisconsin-Whitewater	Toney Minter	The Magnetic Field in the HVC Smith's Cloud and the Galactic Halo [A. Minter]	L	S	3 4 5 9	9.50
GBT08B-035	Darling, J. Willett, K.	Colorado at Boulder, University of University of Colorado at Boulder	Frank Ghigo	A High Redshift OH Megamaser Survey [J. Darling]	8L	S	6 22 29	8.50
GBT08B-036	Chomiuk, L. Wilcots, E.	Univ. of Wisconsin University of Wisconsin	Jules Harnett	Probing Cosmic Ray Escape from Galaxies Using 20 cm Radio Continuum [L. Chomiuk]	L	S	10 11 12 20 26	21.50
GBT08B-038	Goncalves, D. Martin, P.G. Lockman, F. J.	University of Toronto NRAO-GB	Jay Lockman	The North Celestial Pole Loop [D. Goncalves]	L	S	1 31	4.00
GBT08B-039	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	Radio Timing and Spectra of New and Old RRATs [M. McLaughlin]	8	G	4 8 26 31	7.50
GBT08B-040	Langston, G. I.	NRAO-GB	Glen Langston	Structure of \$HC_3N\$ in TMC-CP [G. I. Langston]	X	S	18	4.25
GBT08B-041	Courtois, H. Tully, R.B. Fisher, R.	Institute for Astronomy Institute for Astronomy NRAO Green Bank Facility	Jules Harnett	Bulk motions of filaments in the Local Universe - 08B [H. Courtois]	L	S	7 13 14 21	20.75
GBT08B-044	McLaughlin, M. Kramer, M. Stairs, I. Ferdman, R. Camilo, F. Lyne, A. G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Freire, P.	WVU Jodrell Bank University of British Columbia 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		Bye Bye B: One Last Glimpse of the Double Pulsar [M. McLaughlin]	3	YGB	22	6.50
GLST011217	Tomsick, J.A. Corbel, S. Migliari, S. Pottschmidt, K. Wilms, J. Rodriguez, J. Pooley, G. G.	Calif.-San Diego CEA-Saclay Amsterdam Switzerland Mullard Radio Astronomy Observ	D.J. Pisano	Probing the High Energy Emission of Microquasars with Multi-wavelength observations [J.A. Tomsick]	CX	SD	16 21 22 31	9.00

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Maint	NRAO staff			Maintenance			1 2 3 7 8 9 10 14 15 16 17 21 23 24 28 29 30 31	180.50
Tests	NRAO staff			Calibration	L		10	2.00
Tests	NRAO staff			HALFP Nighttime	U		1	1.75
Tests	NRAO staff			HOLO Anytime	U		16	2.25
Tests	NRAO staff			Integration Testing 8.4	UBQL		22 25	11.00
Tests	NRAO staff			RCO L band	L	DSP	21	1.00
Tests	NRAO staff			RCO300	3		21	1.00
Tests	NRAO staff			RCO800	8		24	1.00
Tests	NRAO staff			Regression Testing 8.4	UCL		31	4.50
Tests	NRAO staff			Spigot Tests	3	S	23	1.00
Total Hrs	Astronomy Maintenance Un-assigned Tests	538.00 180.50 25.50						

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