GBT Observing Schedule for December 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	1 3 4 6 11 13 20 29	59.50
BB242	Braatz, J. A. Greenhill, L. J. Condon, J. J. Reid, M. J. Henkel, C. Lo, F.K. Y.	NRAO - CV CfA NRAO-CV Center for Astrophysics Max-Planck-Institut fur Radioa NRAO-CV	Jim Braatz	The Megamaser Cosmology Project [L. J. Greenhill]	K	V	11 12	12.00
BB264	Busch, M.W. Kulkarni, S.R. Ostro, S. Benner, L.A.M. Giorgini, J.D. Nolan, M	Caltech JPL Jet Propulsion Laboratory Jet Propulsion Laboratory Arecibo Observatory		Radar-VLBI Observations of Near-Earth Asteroids 4179 Toutatis and 2008 EV5 [M.W. Busch]	S	X	23 24	5.00
GBT05A-040	Baker, A.C. Harris, A. Genzel, R.	University of Maryland University of Maryland University of California, Berkeley	Dana Balser	CO(1-0) Observations of Four Submillimeter Galaxies [A.C. Baker]	B	S	2 6	14.00
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	27	4.25
GBT05C-035	Baker, A.C. Lutz, D. Harris, A. Tacconi, L. J. Valiante, E.	University of Maryland Max-Planck-Institut fur extraterrestrische Physik University of Maryland MPE MPE Garching	Dana Balser	Very Good CO Detections of Submillimeter Galaxies With Pretty Good Redshifts [A.C. Baker]	B	S	2 12	5.50
GBT06C-033	Harris, A. Baker, A.C. Jewell, P. R. Zonak, S.	University of Maryland University of Maryland NRAO-CV University of Maryland	Karen O'Neil	A CO(1-0) Survey of Dusty Galaxies with Elusive Redshifts [A. Harris]	B	Z	13	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	26	4.75
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	Ron Maddalena	A GBT Legacy Survey of Prebiotic Molecules Toward SgrB2(N-LMH) and TMC-1 [J. M. Hollis]	LQB	S	10 14 18 21	20.25

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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	3 5 7 13 14 18 22 29	37.75
GBT07A-086	Bregman, J. N. Irwin, M.J.	University of Michigan Institute of Astronomy	Jim Braatz	The Detection of the Missing Baryons with the NVII Line [J. N. Bregman]	KQ	S	9 13 14 17 18	15.75
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 Bryn Mawr College 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	20 22 27	22.50
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	23	5.50
GBT07C-051	Balser, D.S. Goss, W. M.	NRAO - Green Bank NRAO-SOC	Dana Balser	Pilot Project to Survey Galaxies for Young Nuclear Star Clusters [D.S. Balser]	Q	S	28	5.00
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	7 10 11 12 14 15 24 26 31	48.75
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	20	1.50
GBT08A-037	Edel, S. Ludovici, D. Lorimer, D. McLaughlin, M. Kondratiev, V. Ridley, J.	West Virginia University WVU West Virginia University	Scott Ransom	Radio monitoring of magnetars [D. Lorimer]	S	G	10	5.75
GBT08B-014	Kanekar, N. Chengalur, J. Ghosh, T.	NRAO-AOC NCRA (TIFR) Arecibo Obseratory	Ron Maddalena	Probing changes in fundamental constants with conjugate satellite OH lines [N. Kanekar]	L	S	17 21 24 28 31	18.25

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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]	S	G	22	1.00
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	1 3 8	6.50
GBT08B-025	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	17	5.50
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	12 21	10.75
GBT08B-045	Boyles, J. Ransom, S. Lorimer, D. McLaughlin, M. Kondratiev, V. Stairs, I. McPhee, C. Archibald, A. Kaspi, V. Hessels, J. W. T.	West Virginia University NRAO - CV West Virginia University WVU West Virginia University University of British Columbia McGill University Universiteit van Amsterdam	Scott Ransom	Extending phase connection on new drift-scan pulsars [J. Boyles]	8	G	24 26	2.50

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	Lynch, R. Cordes, J. M. Roberts, M. Kasian, L. van Leeuwen, J. Deneva, J. Champion, D.	Virginia, University of NAIC and Cornell University Eureka Scientific, Inc. University of British Columbia University of British Columbia Cornell University McGill University						
GBT08C-008	Gupta, N. Srianand, R. Petitjean, P. Noterdaeme, P.	Tata Institute of Fundamental Research Inter-University Centre for As Institut d'Astrophysique European Southern Observatory	Jules Harnett	Search for HI 21cm absorption in a complete sample of DLAs at z>2. [N. Gupta]	4	P	4	3.00
GBT08C-009	Smail, I. Genzel, R. Ivison, R. J. Hainline, L. Blain, A. W. Tacconi, L. J. Bertoldi, F. Greve, T.R. Neri, R. Chapman, S.C. Harris, A. Baker, A.C. Cox, P. Omont, A.	University of Durham University of California, Berkeley Edinburgh, University of Caltech (Physics, Maths and Astronomy) Caltech Astronomy MPE U Bonn Caltech (Physics, Maths and Astronomy) IRAM U of Cambridge University of Maryland University of Maryland IAS/Instit. d'Astrophys. Spatiale Inst. d'Astrophysique de Paris	Frank Ghigo	A Combined GBT/PdBI CO Survey of Submm Galaxies [I. Smail]	B	Z	2 4 5 6	15.75
GBT08C-010	Courtois, H. Tully, R.B. Fisher, R. Bonhomme, N.	Institute for Astronomy Institute for Astronomy NRAO Green Bank Facility	Toney Minter	Bulk motions of filaments in the Local Universe - Large Proposal - 08C [H. Courtois]	L	S	1 7 15 27 31	17.50
GBT08C-014	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]	S	G	10 27	1.50
GBT08C-023	Camilo, F. Ransom, S. Roberts, M. McLaughlin, M. Arzoumanian, Z. Freire, P. Romani, R. W. Halpern, J. P. Ray, P.S.	Columbia Astrophysics Laboratory NRAO - CV Eureka Scientific, Inc. WVU NASA/GSFC Arecibo Observatory Stanford University Columbia University Naval Research Lab	Scott Ransom	GLAST timing at GBT: six key radio-faint pulsars [F. Camilo]	S8	G	1 10 27	13.00

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GBT08C-031	Margot, J.L. Campbell, D. B. Slade, M.	Cornell University Cornell University JPL	Frank Ghigo	Venus spin dynamics [J.L. Margot]	X	X	1	1.75
GBT08C-039	Pisano, D.J. Maddalena, R.	NRAO-GB NRAO-Green Bank	D.J. Pisano	Searching for diffuse gas around isolated galaxies [D.J. Pisano]	L	S	7 8	7.50
GBT08C-059	Barriault, L. Joncas, G. Martin, P.G. Lockman, F. J.	Universite Laval University of Toronto NRAO-GB	Jay Lockman	GBT OH Observations at high galactic latitudes [L. Barriault]	L	S	1 2 4 5 6 7 8 15 16	48.25
GBT08C-064	Kondratiev, V. Lyutikov, M. McLaughlin, M. Finley, J. Roberts, M.	West Virginia University McGill University WVU Purdue University Eureka Scientific, Inc.	Scott Ransom	Crab giant radio pulses: are they coincident with gamma-rays? [V. Kondratiev]	X	O	24 29	5.50
GBT08C-072	Mason, B.S. Compiegne, M. Martin, P.G. Dicker, S. Korngut, P. Devlin, M.J. Cotton, B.W. D.	NRAO Green Bank Facility University of Toronto University of Pennsylvania Rutgers Univ. and Univ. of Pennsylvania NRAO-CV	Brian Mason	Centimeter Wave Continuum Observations of Star Forming Regions in Orion [B.S. Mason]	XK	D	27	2.00
GBT08C-073	Harris, A. Baker, A.C. Zonak, S. Sharon, C.	University of Maryland University of Maryland University of Maryland	Toney Minter	A CO(1-0) Survey of Dusty Galaxies at High Redshift [A. Harris]	B	Z	3 5 6 8 28 29	22.50
GBT08C-084	Camilo, F. Halpern, J. P. Ransom, S. Gotthelf, E.V.	Columbia Astrophysics Laboratory Columbia University NRAO - CV University of Columbia	Scott Ransom	New pulsar identifications of TeV gamma-ray sources [F. Camilo]	S	G	28 31	15.25
GBT08C-086	Kasian, L. Stairs, I. Kramer, M. Lorimer, D. Ransom, S. Freire, P.	University of British Columbia University of British Columbia Jodrell Bank West Virginia University NRAO - CV Arecibo Observatory	Scott Ransom	Continued GBT timing of a highly relativistic binary pulsar [L. Kasian]	L	GY	8	2.25
GBT08C-088	Pineda, J. Rosolowsky, E. Foster, J. Arce, H.G. Caselli, P. Myers, P. C. Goodman, A. A.	Harvard-Smithsonian Center for Astrophysics Harvard-Smithsonian Center for Astrophysics Am. Museum of Natural History Harvard-Smithsonian Center for Astrophysics	Jules Harnett	The COMPLETE GBT Ammonia Mapping of Perseus - v2.0 [J. Pineda]	K	S	21 22	7.00

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		Center for Astrophysics Center for Astrophysics						
GBT09A-007	Lockman, F. J. Burton, W. B.	NRAO-GB	Jay Lockman	Straightening Out the Galactic Warp [F. J. Lockman]	L	S	31	2.00
GBT09A-046	Chynoweth, K. Langston, G. I. Holley-Bockelmann, K.	NRAO-GB	Glen Langston	A Search for Faint Extended HI in Nearby Galaxy Groups - copy [K. Chynoweth]	L	S	26 27 29	6.50
GBT09A-066	Rea, N. Burgay, M. Torres, Diego. Hessels, J. W. T. Sierpowska-Batorsik, A. Possenti, A.	Istituto Nazionale di Astrofisica LLNL Universiteit van Amsterdam Istituto Nazionale di Astrofisica	Scott Ransom	Deep search for the radio pulsar powering the new TeV binary HESS J0632+057 [M. Burgay]	XS	G	19 20 22 23	16.00
GBT09A-072	Nigra, L. Gallagher III, J. S. Stanimirovic, S. Lockman, F. J. Nidever, D. Majewski, S.R.	University of Wisconsin Wisconsin NRAO-GB Virginia, University of University of Virginia	Jay Lockman	Diagnosing the Agents of Aging on the Magellanic Stream [L. Nigra F. J. Lockman]	L	S	17 18 19 22 23 26 27 30 31	42.75
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	Jim Braatz	Probing the High Energy Emission of Microquasars with Multi-wavelength observations [J.A. Tomsick]	X	SD	2 11 18 24	10.75
Comm	Maddalena			Q Band Comm	Q	DSP	9	6.00
Shutdown	NRAO staff			Christmas			24 25 26	36.00
Calibratio	Hunter			Gain Cal	X	DSP	7	4.00
Maint	NRAO staff			Maintenance	H		2 4 5 9 16 17 19 23 30	68.75
Maint	NRAO staff			Remove PF1	4		8	3.25
Maint	NRAO staff			SD			24	1.00
Maint	NRAO staff			SU			26	1.75

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Tests	NRAO staff			Holography	H		18 19 21 30	27.00
Tests	Shelton			M&C Reg	LKBX		9 10	7.75
Tests	Hunter			PTCS	QX	DSP	14	6.50
Tests	Langston			Q tests	Q	DSP	14	2.00
Tests	NRAO staff			RCO*8	8	DSP	16	1.00
Tests	Hunter			Servo	X		1	3.00
Tests	NRAO staff			Servo tests			9 15	10.00
Tests	NRAO staff			TRFI			16	0.50
Tests	NRAO staff			Un-assigned Tests	FK		24 28	4.50
Total Hrs	Shutdown	36.00						
	Astronomy	561.00						
	Commissioning	6.00						
	Calibration	4.00						
	Maintenance	74.75						
	Un-assigned Tests	62.25						

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