GBT Observing Schedule for February 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 7 13 14 19 28	36.75
BG170	Giovannini, G. Feretti, L. Giroletti, M. Cotton, B.W. D. Perez-Torres, M. A.	Istituto di Radioastronomia Istituto di Radioastronomia Bologna NRAO-CV IAA		Jet and Counter-Jet emission in NGC 315 [G. Giovannini]	QX	5	3	6.50
BR125	Robishaw, T. Heiles, C. E. Sarma, A. Bower, G. C. Quataert, E.	University of California at Berkeley University of California Depaul U UC Berkeley University of California at Berkeley		The New Extragalactic Magnetometer: Zeeman Splitting in OH Megamasers [T. Robishaw]	L	5	10	10.25
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	6	4.50
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	23	5.50
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	1 17 18 23 26 27 29	45.75
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	8	3.00
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	2 11 16 24 25	32.25
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	14	4.50

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

* [ ] indicates secondary project; ( ) indicates primary project

Back Ends: 2=S2 recorder, B=BCPM, C=cGBPP, D=Digital Continuum Receiver, O-user supplied, P=Spectral Processor, S=Spectrometer, V=VLBA recorder

GBT Observing Schedule for February 2008

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
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]	BKX	S	2 8 11 16 19 24	28.25
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	1 2 3 7 8 11 12 15 19 20 28 29	71.25
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]	8S	YR	1 16 29	11.50
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	4	8.00
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	23	8.75
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	5.50

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

* [ ] indicates secondary project; ( ) indicates primary project

Back Ends: 2=S2 recorder, B=BCPM, C=cGBPP, D=Digital Continuum Receiver, O-user supplied, P=Spectral Processor, S=Spectrometer, V=VLBA recorder

GBT Observing Schedule for February 2008

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
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) 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	Scott Ransom	Timing Binary and Millisecond Pulsars from the Parkes Multibeam Survey [R. Ferdman]	L	Y	8 9 10	11.75
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]	3	G	17	6.00
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]	S8	BG	8 21 23	4.75
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]	3	S	13	1.50
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]	L	G	13	4.50
GBT07C-094	Ostro, S. Black, G. Benner, L.A.M. Nolan, M	JPL UVA Jet Propulsion Laboratory Arecibo Observatory	Frank Ghigo	Radar Imaging of Asteroid 2007 TU24 During Its 1.4-Lunar-Distance Approach [G. Black]	S	X	2 3	5.50

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

* [ ] indicates secondary project; ( ) indicates primary project

Back Ends: 2=S2 recorder, B=BCPM, C=cGBPP, D=Digital Continuum Receiver, O-user supplied, P=Spectral Processor, S=Spectrometer, V=VLBA recorder

GBT Observing Schedule for February 2008

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
	Carter, L.	Smithsonian Institution						
GBT08A-003	Curran, S. Darling, J. Tzanavaris, P. Bignell, R.C. Webb, J.	University of New South Wales Colorado at Boulder, University of National Observatory of Athens (Institute of Astronomy and Astrophysic NRAO - GB University of New South Wales	Carl Bignell	The Metallicity-21-cm Line Strength Relation in Damped Ly-alpha Absorbers [S. Curran]	3	S	12 18	11.50
GBT08A-011	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	4 5	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	1 15 18 22 29	34.00
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]	3	G	13 18	14.00
GBT08A-032	Matthews, L.D. Reid, M. J. Le Bertre, T. Libert, Y. Gerard, E.	CfA Center for Astrophysics Paris, Observatoire de Paris, Observatoire de Observatoire de Paris	Jules Harnett	GBT Mapping of the Extended Circumstellar HI Envelope of X Her [L.D. Matthews]	L	S	19 21 25 26 27	27.75
GBT08A-034	Rood, R. T. Bania, T. M. Balser, D.S. Anderson, L.	University of Virginia Boston University NRAO - Green Bank	Dana Balser	The Abundance Gradient in the Milky Way [R. T. Rood]	X	SD	3 4 5 6 7 8 9 20 21 22	54.50
GBT08A-056	Dicker, S. Devlin, M.J. Mason, B.S. Korngut, P. Olmi, L. Martin, P.G. Aguirre, J.	University of Pennsylvania Rutgers Univ. and Univ. of Pennsylvania NRAO Green Bank Facility CNR-Roma University of Toronto	Brian Mason	Observations with MUSTANG on the GBT at 3.3mm [S. Dicker]	P	O	7 8 10 14 15 16 17 24	24.25
GBT08A-057	Donovan, J. Hibbard, J. E. van Gorkom, J.H.	Columbia University NRAO-CV Columbia University	Jules Harnett	A Continuing Search for Wet Mergers in a Dry Sample [J. Donovan]	L	P	10 13 17 18 22 24	21.25

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

* [ ] indicates secondary project; ( ) indicates primary project

Back Ends: 2=S2 recorder, B=BCPM, C=cGBPP, D=Digital Continuum Receiver, O-user supplied, P=Spectral Processor, S=Spectrometer, V=VLBA recorder

GBT Observing Schedule for February 2008

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
GBT08A-065	Black, G. Campbell, D. B. Carter, L.	UVA Cornell University Smithsonian Institution	Frank Ghigo	Surface Properties of Titan [G. Black]	S	X	9 10 11 12 13 18 19 20 21 22 23	32.50
GBT08A-066	Bally, J. Aguirre, J. Bradley, T. Cyganowski, C. Drosback, M. Evans II, N.J. Ginsburg, A. Harvey, P. M. Keto, E. Nordhaus, M. Rosolowsky, E. Glenn, J. Williams, J. P.	University of Colorado Wisconsin at Madison, University of University of Texas at Austin University of Texas Center for Astrophysics Harvard-Smithsonian Center for Astrophysics Institute for Astronomy	Larry Morgan	NH3 Survey of Galactic Plane Cloud Cores Selected at 1.1 mm with Bolocam [J. Bally]	K	S	14 15 16	14.00
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	4 5 6	11.00
GBT08A-073	Kanekar, N. Marthi, V.	NRAO-AOC	Paul Ruffle	A deep search for associated HI 21cm absorption in red quasars [N. Kanekar]	L	S	9 10 11	4.75
GBT08A-076	Kanekar, N. Ellison, S.E. York, B	NRAO-AOC University of Victoria University of Victoria	Paul Ruffle	The nature of damped Lyman-alpha systems, as traced by their spin temperatures [N. Kanekar]	3	P	13 15	3.50
GBT08A-077	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	5 10 13 19	3.00
GBT08A-083	Goncalves, D. Martin, P.G. Lockman, F. J.	University of Toronto NRAO-GB	Jay Lockman	The North Celestial Pole Loop [D. Goncalves]	L	S	11 18 19 22 23	7.25
GBT08A-086	Nicholson, P. Black, G. French, R. Campbell, D. B. Nolan, M	Cornell University UVA Cornell University Arecibo Observatory	Frank Ghigo	S-band radar mapping of Saturn's rings [P. Nicholson]	S	X	23 24 25 26 27 28	15.50
Maint	NRAO staff			Maintenance	38		5 6 12 20 21 26	50.00
Tests	Hunter			HALFP	B	D	28 29	4.00

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

* [ ] indicates secondary project; ( ) indicates primary project

Back Ends: 2=S2 recorder, B=BCPM, C=cGBPP, D=Digital Continuum Receiver, O-user supplied, P=Spectral Processor, S=Spectrometer, V=VLBA recorder

GBT Observing Schedule for February 2008

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
Tests	Shelton			M&C Integ	L	DSP	5 6	6.25
Tests	Shelton			M&C Reg	LQ	DSP	9	6.00
Tests	Pisano			Nod tests	Q	SD	21	1.50
Tests	Hunter			OOF dt	B		16 19	6.75
Tests	Hunter			OOF nt	KQX	O	20	4.50
Tests	NRAO staff			RCO Zpec	B	Z	11 22	7.00
Tests	NRAO staff			RCO*3 340MHz	3	DSP	12	1.00
Tests	NRAO staff			RCO*8 800MHz	8	DSP	20	1.50
Tests	Weedon			Servo tests			28	1.75
Tests	NRAO staff			Un-assigned Tests	B	S	25	1.25
Tests	Hunter			Tilt nt	X	O	17	4.50
Total Hrs	Astronomy Maintenance Un-assigned Tests	600.00 50.00 46.00						

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

* [ ] indicates secondary project; ( ) indicates primary project

Back Ends: 2=S2 recorder, B=BCPM, C=cGBPP, D=Digital Continuum Receiver, O-user supplied, P=Spectral Processor, S=Spectrometer, V=VLBA recorder