

# GBT Observing Schedule for February 2010

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	Frank Ghigo	RIPL: Radio Interferometric PLANet Search [G. C. Bower]	X	5	10 (1 7 8 9 14 15 26)	4.50 (46.00)
BB278	Braatz, J. A. Condon, J. J. Reid, M. J. Henkel, C. Lo, F.K. Y. Kuo, C-Y. Impellizzeri, C.M.V. Hao, L.	NRAO - CV NRAO-CV Center for Astrophysics MPIfR NRAO-CV UVA NRAO Cornell Dept. of Astronomy	Jim Braatz	The Megamaser Cosmology Project: Year 3 [J. A. Braatz]	K	5	12 15 (11 12 13 14 19)	12.25 (50.00)
GBT09B-006	Camilo, F. Ransom, S. Chatterjee, S. Ray, P.S. Lorimer, D.	Columbia NRAO-CV Center for Astrophysics NRL WVU	Scott Ransom	Three newly discovered pulsars [F. Camilo]	S	U	11	1.25
GBT09B-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. Perera, B.	Jodrell Bank UBC WVU Obs. de Paris Columbia Manchester U ATNF Istituto di Astrofisica Istituto di Astrofisica Istituto di Astrofisica MPIfR	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	8	YB	15 16	5.50
GBT09B-031	Lynch, R. Ransom, S. Lorimer, D. McLaughlin, M. Stairs, I. Kaspi, V. Cordes, J. M. Champion, D. Archibald, A. Kondratiev, V. Boyles, J. Hessels, J. W. T. McPhee, C. Roberts, M. Kasian, L. van Leeuwen, J. Deneva, J.	UVA NRAO-CV WVU WVU UBC McGill University NAIC and Cornell ATNF West Virginia University WVU ASTRON Eureka Scientific University of British Columbia University of British Columbia Cornell	Scott Ransom	Timing the New GBT 350 MHz Drift Scan Pulsars [R. Lynch]	8	U	17	4.75

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

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

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

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GBT09B-041	Demorest, P. Nice, D. Stairs, I. Ransom, S. Ferdman, R. Lommen, A. Backer, D. C. Gonzalez, M.	NRAO-CV Bryn Mawr College UBC NRAO-CV Obs. de Paris Franklin and Marshall College UC Berkeley	Scott Ransom	Detecting nHz Gravitational Radiation using a Pulsar Timing Array [P. Demorest]	8L	YU	17 18 19 20	17.00
GBT09C-008	Rood, R. T. Bania, T. M. Balser, D.S.	University of Virginia Boston University NRAO - Green Bank	Dana Balser	Constraining Galactic Chemical Evolution: 3-Helium Benchmark Abundances in S209 - copy [R. T. Rood]	X	DS	6	10.00
GBT09C-014	Camilo, F. Ransom, S. Gaensler, B.M. Lorimer, D.	Columbia NRAO-CV CFA WVU	Scott Ransom	The energetic pulsar J1747-2809 in the supernova remnant G0.9+0.1 [F. Camilo]	S	U	27	1.75
GBT09C-045	Campbell, B. Campbell, D. B. Carter, L. Nolan, M Ghent, R.	Smithsonian Institute Cornell University Smithsonian Institution Arecibo Observatory Smithsonian Institution	Frank Ghigo	Ongoing High-Resolution 12.6-cm Radar Mapping of the Nearsides of the Moon [B. Campbell]	S	X	20 21 22	10.75
GBT09C-051	Braatz, J. A. Condon, J. J. Reid, M. J. Henkel, C. Lo, F.K. Y. Kuo, C-Y. Impellizzeri, C.M.V. Hao, L.	NRAO - CV NRAO-CV Center for Astrophysics MPIfR NRAO-CV UVA NRAO Cornell Dept. of Astronomy	Jim Braatz	The Megamaser Cosmology Project: Year 3 [J. A. Braatz]	K	S	8 9 10 11 18 19 21 22	40.00
GBT09C-058	Ransom, S. Freire, P. Stairs, I. Hessels, J. W. T. Lynch, R.	NRAO-CV MPIfR UBC ASTRON UVA	Scott Ransom	Long Term Timing of 55 Recycled Pulsars in Bulge Globular Clusters [S. Ransom]	S	U	6 12	17.00
GBT09C-076	Kondratiev, V. Otte, N. Lyutikov, M.	West Virginia University McGill University	Scott Ransom	Crab Pulsar Giant Pulses: Is Correlation Between Radio and VHE Bands Real? [V. Kondratiev]	X	U	1 2 3 4	8.00
GBT09C-092	Zeiger, B. Darling, J.	University of Colorado U ColoradoBoulder		Water and OH Masers in the Atmosphere of an Extrasolar Planet [B. Zeiger]	L	S	4	2.00
GBT10A-023	Lorimer, D. Camilo, F. McLaughlin, M.	WVU Columbia WVU	Scott Ransom	Timing seven new pulsars found in a deep Parkes multibeam survey [D. Lorimer]	S	U	9	1.50
GBT10A-028	Crawford, F.	FandM	Scott Ransom	The Enigmatic Binary PSR J1723-28: A Baby Millisecond	S	U	19 20 21 23	5.00

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GBT10A-049	Rosen, R. McLaughlin, M. Lorimer, D. Heatherly, S.	NRAO-GB WVU WVU NRAO-GB	Rachel Rosen	Confirmation and Follow-up Observations of New Pulsars Discovered by the PSC [R. Rosen]	38	U	5 8 20 23	6.00
GBT10A-061	Ransom, S. Ray, P.S. Camilo, F. Roberts, M.	NRAO-CV NRL Columbia Eureka Scientific		Timing of a 3.1ms pulsar discovered in a Fermi LAT unidentified gamma-ray source [S. Ransom]	3LS8	U	1 7 9 11	10.00
GLST021284	Camilo, F. Ransom, S. Roberts, M. McLaughlin, M.	Columbia NRAO-CV Eureka Scientific WVU	Scott Ransom	GREEN BANK TELESCOPE TIMING OF KEY FERMI PULSARS [F. Camilo]	S8	UG	4 17 21	9.00
Maint	NRAO staff			Maintenance			3 5 10 16 18 25	51.00
Tests	800			TRCO			11 18 25	4.50
Total Hrs	Astronomy Maintenance Un-assigned Tests	262.25 51.00  4.50						

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