

# GBT Observing Schedule for December 2009

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	R IPL: Radio Interferometric PLANet Search [G. C. Bower]	X	5	(5 12 13 16 19 26 27)	(59.50)
BB261	Braatz, J. A. Condon, J. J. Greenhill, L. J. Henkel, C. Lo, F.K. Y. Reid, M. J. Kuo, C-Y. Zaw, I. Tilak, A. Hao, L. Lah, P.	NRAO - CV NRAO-CV CfA MPIfR NRAO-CV Center for Astrophysics UVA NYU CfA Cornell Dept. of Astronomy	Jim Braatz	The Megamaser Cosmology Project: Year 2 [J. A. Braatz]	K	5	28 29 (6 7 21 22 23)	12.00 (39.00)
GBT08C-035	Braatz, J. A. Condon, J. J. Greenhill, L. J. Henkel, C. Lo, F.K. Y. Reid, M. J. Kuo, C-Y. Zaw, I. Tilak, A. Hao, L. Lah, P. Impellizzeri, C.M.V.	NRAO - CV NRAO-CV CfA MPIfR NRAO-CV Center for Astrophysics UVA NYU CfA Cornell Dept. of Astronomy NRAO	Jim Braatz	The Megamaser Cosmology Project: Year 2 [J. A. Braatz]	K	S	11 12 13 14 16	38.00
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	17	5.50
GBT09B-031	Lynch, R.	UVA	Scott Ransom	Timing the New GBT 350 MHz Drift Scan Pulsars [R.	8	U	18	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

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	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.	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		Lynch]				
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]	L8	YU	20 21	17.00
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	23	1.75
GBT09C-063	Jensen, E.		Toney Minter	Faraday Rotation of MESSENGER CF During Superior Conjunction [E. Jensen]	X	P	10	5.25
GBT09C-065	Andersson, B-G. Heiles, C. E.	JPL University of California	Toney Minter	Validating the Chandrasekhar-Fermi method with H I Zeeman data [B-G. Andersson]	L	S	28 29 30 31	26.25
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	13 15 17 18 20 21	16.00
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	11 16 23	9.00
Shutdown	NRAO staff			Christmas Holiday			24 25 26	36.00
Maint	NRAO staff			Maintenance			3 4 9 15 17 22 24 26 30	60.50

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Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
Tests	Harris			BZ tests	B	Z	24	4.00
Tests	Ransom			GUPPI	S		5 26	9.50
Tests	Hunter			HOLO	X		19 20	6.00
Tests	Hunter			Mustang OOF	M		2 10 24	12.00
Tests	Mason			Mustang	M		6 7 8 26 27	12.00
Tests	Hunter			Quadrant detector	X		17	2.50
Tests	Minter			RCO	83		15 22 31	4.50
Tests	Minter			Scal	L		18 19	3.00
Tests	Hunter			Servo	X		19	4.00
Total Hrs	Shutdown	36.00						
	Astronomy	235.00						
	Maintenance	60.50						
	Un-assigned							
	Tests	57.50						

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