

GBT Observing Schedule for January 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	2 3 9 16 17 23 31	42.50
GBT09A-003	Freire, P. Ransom, S. Lynch, R.	Arecibo Observatory NRAO - CV Virginia, University of	Scott Ransom	Timing the pulsars in M62, NGC 6544 and NGC 6624 [P. Freire]	S	UG	4	3.00
GBT09B-006	Camilo, F. Ransom, S. Chatterjee, S. Ray, P.S. Lorimer, D.	Columbia Astrophysics Laboratory NRAO - CV Center for Astrophysics Naval Research Lab West Virginia University	Scott Ransom	Three newly discovered pulsars [F. Camilo]	S	U	10	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 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	YB	20 21	5.58
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.	Virginia, University of NRAO - CV West Virginia University WVU University of British Columbia McGill University NAIC and Cornell University McGill University West Virginia University West Virginia University ASTRON	Scott Ransom	Timing the New GBT 350 MHz Drift Scan Pulsars [R. Lynch]	8	U	19	4.50
GBT09B-041	Demorest, P. Nice, D. Stairs, I. Ransom, S.	UC Berkeley (Physics) Bryn Mawr College University of British Columbia NRAO - CV	Scott Ransom	Detecting nHz Gravitational Radiation using a Pulsar Timing Array [P. Demorest]	L8	YU	18 20	17.00

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

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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	Ferdman, R. Lommen, A. Backer, D. C. Gonzalez, M.	University of British Columbia Franklin and Marshall College University of California, Berkeley						
GBT09C-014	Camilo, F. Ransom, S. Gaensler, B.M. Lorimer, D.	Columbia Astrophysics Laboratory NRAO - CV CFA West Virginia University	Scott Ransom	The energetic pulsar J1747-2809 in the supernova remnant G0.9+0.1 [F. Camilo]	S	U	24	1.75
GBT09C-019	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	1 2 3 4	6.00
GBT09C-086	Arzoumanian, Z. Ransom, S.	NASA/GSFC NRAO - CV	Scott Ransom	Followup of the GBT's discovery of a 24 ms pulsar in SNR G76.9+1.0 [Z. Arzoumanian]	S	U	10	4.00
GLST021284	Camilo, F. Ransom, S. Roberts, M. McLaughlin, M.	Columbia Astrophysics Laboratory NRAO - CV Eureka Scientific, Inc. WVU		GREEN BANK TELESCOPE TIMING OF KEY FERMI PULSARS [F. Camilo]	S8	UG	8 11 20	9.00
Comm	NRAO staff			KFPA tests			6	6.00
Comm	NRAO staff			RCO Q	Q		21	1.50
Comm	NRAO staff			RCO*3	PF1*3		26	1.50
Comm	NRAO staff			RCO*8	PF1*8		5	1.50
Maint	NRAO staff			Maintenance KFPA down			21	8.50
Maint	NRAO staff			Maintenance KFPA up			6	8.50
Maint	NRAO staff			Maintenance			5 13 26 27	34.00
Tests	Ford & Ransom			GUPPI			1 21	8.00
Tests	Ghigo			GainCal			23 24	10.00
Tests	NRAO staff			HOLO			2	6.00
Tests	White & Langston			KFPA IF	B	Z	13	4.00
Tests	White & Langston			KFPA Line obs	B	Z	10	4.00
Tests	White & Langston			KFPA P/F	B	Z	8	4.00

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Tests	NRAO staff			KFPA mapping			9	7.50
Tests	Mason			Mustang OOF	M		4	4.00
Tests	Hunter			OOF			18	4.00
Tests	Hunter			Quadrant detector			17 18	2.00
Tests	Maddalena			Scal			16	3.00
Tests	NRAO staff			Servo			1 19 20	8.00
Total Hrs	Astronomy	94.58						
	Commissioning	10.50						
	Maintenance	51.00						
	Un-assigned							
	Tests	64.50						

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