

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	(7 9 15 16 17 20 22 31)	(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	(11 12 13 14 15 16 26 27 28 29)	(75.00)
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	10 11 12 13 14	37.50
GBT09A-003	Freire, P. Ransom, S. Lynch, R.	MPIfR NRAO-CV UVA	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 NRAO-CV Center for Astrophysics NRL WVU	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.	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]	L	YB	20 21	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

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	Freire, P. Perera, B.							
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	19	4.50
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	18 20	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	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	2 3 9 10	6.00
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	23 24 25 31	14.50
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	8 9 14 15	8.00
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	(7)	(4.00)

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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	8 11 19	9.00
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	Ransom			GUPPI	S		1 21	8.00
Tests	Ghigo			GainCal	L		23 24	10.00
Tests	Hunter			HOLO	Q		2	6.00
Tests	Langston			KFPA	K		6	6.00
Tests	Langston			KFPA IF	K	Z	12	4.00
Tests	Langston			KFPA Line obs	K	Z	10	4.00
Tests	Langston			KFPA P/F	K	Z	8	4.00
Tests	Langston			KFPA mapping	K		9	6.50
Tests	Hunter			Mustang OOF	M		4	4.00
Tests	Hunter			OOF	Q		18	4.00
Tests	Hunter			Quadrant detector	X		17 18	2.00
Tests	Minter			RCO	83QPF2		5 21 26	4.50
Tests	Minter			Scal	L		16	3.00
Tests	Hunter			Servo	X		1 19 20	8.00
Total Hrs	Astronomy Maintenance Un-assigned Tests	246.50 51.00 74.00						

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