

# GBT Observing Schedule for May 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	4 6 (2 3 5 8 9 15 16 23 26 28 29 30 31)	0.50 (84.75)
GBT08A-048	Araya, E. Hofner, P. Hoffman, I.M. Goss, W. M. Linz, H. Kurtz, S.	New Mexico Tech New Mexico Tech St. Paul's School NRAO-SOC TLS Tautenburg/MPIA UNAM	Jim Braatz	Correlated Variability of Astrophysical Masers I: monitoring of NGC7538 IRS1 [E. Araya]	CUK	S	3	1.50
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. 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]	8L	YB	21 22 24	24.75
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	21 22	4.75
GBT09B-041	Demorest, P.	NRAO-CV	Scott Ransom	Detecting nHz Gravitational Radiation using a Pulsar	L8	YU	20 21 23 24	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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	Nice, D. Stairs, I. Ransom, S. Ferdman, R. Lommen, A. Backer, D. C. Gonzalez, M.	Bryn Mawr College UBC NRAO-CV Obs. de Paris Franklin and Marshall College UC Berkeley		Timing Array [P. Demorest]				
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-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	5 (3 4)	2.50 (17.50)
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	9 13	17.00
GBT10A-023	Lorimer, D. Camilo, F. McLaughlin, M.	WVU Columbia WVU		Timing seven new pulsars found in a deep Parkes multibeam survey [D. Lorimer]	S	U	11	1.00
GBT10A-049	Rosen, R. McLaughlin, M. Lorimer, D. Heatherly, S.	NRAO-GB WVU WVU NRAO-GB		Confirmation and Follow-up Observations of New Pulsars Discovered by the PSC [R. Rosen]	38	U	11	2.00
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]	L	U	10	1.00
GBT10A-066	Braatz, J. A. Kuo, C-Y. Cassidy, T.	NRAO - CV UVA UVA		Water Masers in the Saturnian System [C-Y. Kuo]	K	S	10 11 14 15	18.00
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	14 16 28	9.00
Comm	Minter			Turret RxTests	LSXUKBQ	S	20	3.00

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Comm	Shelton			Turret software	LSXUKBQ	S	20	3.00
Shutdown	NRAO staff			Turret motor upgrade			17 18 19 20	70.00
Maint	NRAO staff			Maintenance			4 6 11 25	34.00
Tests	Ghigo			Gaincal	Q	S	6 7 8 9	7.67
Tests	Hunter			HOLO	B	B	6	6.00
Tests	Hunter			PTCS Pntng	B	B	1 2 11 12	16.00
Tests	Hunter			PTCS TrackMaps	Q	S	13 14	6.00
Tests	Minter			Shutdown	L		17	1.00
Tests	Minter			Startup	L		20	2.00
Tests	Ghigo			TcalScal	KBQ	S	24	3.00
Total Hrs	Shutdown	70.00						
	Astronomy	204.25						
	Commissioning	6.00						
	Maintenance	34.00						
	Un-assigned							
	Tests	41.67						

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