

# GBT Observing Schedule for March 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 13 15 17 19 26 27 28 29)	(76.50)
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	(8 10)	(25.00)
BL169	Loinard, L. Dzib, S. Gomez, L. Mioduszewski, A. Deller, A. Torres, R.M. Rodriguez, L. F.	Instituto de Astronomia (UNAM, Morelia, Mexico)  UNAM NRAO - SOC Swinburne UNAM Instituto de Astronomia, UNAM	Frank Ghigo	The distance to Monoceros: one of the nearest high-mass star-forming regions [L. Loinard]	X	5	28	5.50
BM326	Miller-Jones, J. Jonker, P.G. Maccarone, T. Nelemans, G.	NRAO CfA U Southampton Radboud Universiteit Nijmegen	Jules Harnett	Resolving the jets in the X-ray binary SWIFT J1753.5-0127 [J. Miller-Jones]	X	5	30	8.50
BN041	Nakai, N. Yamauchi, A. Ishihara, Y. Diamond, P. J.	Tsukuba University Nobeyama Radio Observatory Nobeyama Radio Observatory MERLIN/VLBI National Facility	Jules Harnett	Determination of the distance to an AGN IC2560 by observing a water maser disk [N. Nakai]	K	5	24 25 26 27	15.00
GB070	Bartel, N. Bietenholz, M. F. Rupen, M. P. Beasley, A.J. Graham, D.A. Venturi, T. Umana, G. Cannon, W. Conway, J. E.	York University York University NRAO - SOC Caltech Owens Valley Radio Obs MPIfR Istituto di Radioastronomia Istituto di Radioastronomia, C York University Onsala Space Observatory		SN1993J: Late-time evolution at 18 cm [N. Bartel]	L	V	4 5	24.50
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	1	3.00
GBT09B-006	Camilo, F. Ransom, S. Chatterjee, S. Ray, P.S.	Columbia NRAO-CV Center for Astrophysics NRL	Scott Ransom	Three newly discovered pulsars [F. Camilo]	S	U	11	1.25

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

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	Lorimer, D.	WVU						
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]	L	YB	20 21	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	19 20	4.75
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	19 20 22 23	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	25	1.75
GBT09C-051	Braatz, J. A. Condon, J. J. Reid, M. J.	NRAO - CV NRAO-CV Center for Astrophysics	Jim Braatz	The Megamaser Cosmology Project: Year 3 [J. A. Braatz]	K	S	8 9 10 11 12 13 14 15	40.00

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	Henkel, C. Lo, F.K. Y. Kuo, C-Y. Impellizzeri, C.M.V. Hao, L.	MPIfR NRAO-CV UVA NRAO Cornell Dept. of Astronomy						
GBT09C-092	Zeiger, B. Darling, J.	University of Colorado U ColoradoBoulder		Water and OH Masers in the Atmosphere of an Extrasolar Planet [B. Zeiger]	K	S	3	2.00
GBT10A-022	Miller, J. McLaughlin, M. Boyles, J. Keane, E. Lyne, A. G. Kramer, M. Lorimer, D.	WVU WVU WVU Manchester U Manchester U Jodrell Bank WVU	Scott Ransom	Continued Timing of Rotating Radio Transients [J. Miller]	8	U	12	5.00
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	27	1.00
GBT10A-028	Crawford, F. Lorimer, D. McLaughlin, M. Faulkner, A. Kramer, M. Lyne, A. G. Stairs, I. Camilo, F. Burgay, M. Possenti, A. D'Amico, N. Freire, P.	FandM WVU WVU Manchester U Jodrell Bank Manchester U UBC Columbia Instituto di Astrofisica Instituto di Astrofisica Instituto di Astrofisica MPIfR	Scott Ransom	The Enigmatic Binary PSR J1723-28: A Baby Millisecond Pulsar? [F. Crawford]	S	U	6 27	2.50
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	7 9 23	5.00
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	7	1.00
GBT10A-069	Pennucci, T. Ransom, S. Roberts, M. Hessels, J. W. T. Demorest, P.	UVA NRAO-CV Eureka Scientific ASTRON NRAO-CV	Scott Ransom	Measuring the Mass of PSR J1614-2230 with the Relativistic Shapiro Delay [S. Ransom]	L	U	9 11 12 13 14 15 16 17 18	21.00
GH009	Hallinan, G. Golden, A.	National University of Ireland Armagh Observatory		Establishing the radio active component of two tight binary ultracool dwarfs [G. Hallinan]	XC	5	21 22	11.00

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	Doyle, J.G. Antonova, A. Bourke, S. Brisken, W.F. Butler, C. Harding, Leon	JIVE NRAO - SOC Armagh Observatory National University of Ireland Galway						
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 16 20	9.00
GV020	Vlemmings, W. Kramer, M. Freire, P. van Langevelde, H.J.	Argelander-Institut fuer Astronomie Jodrell Bank MPIfR JIVE		Millisecond pulsar proper motions: VLBI mapping of the Globular Cluster M15 [W. Vlemmings]	L	5	7	6.50
Maint	NRAO staff			Maintenance			3 9 11 16 23 25 31	59.50
Tests	Shelton			M&C Integ			16 19 29	12.00
Tests	Shelton			M&C Reg			22	6.00
Tests	Q			TRCO			3 11 23 25	7.50
Total Hrs	Astronomy Maintenance Un-assigned Tests	292.25 59.50  25.50						

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