

# 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	19 (2 13 15 26 27 28 29)	8.50 (59.50)
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	(30 31)	(12.50)
BL169	Loinard, L. Dzib, S. Gomez, L. Mioduszewski, A. Deller, A. Torres, R.M. Rodriguez, L. F.	Instituto de Astronomia (UNAM, Morelia, Mexico) UNAM UNAM NRAO - SOC Swinburne Uni Bonn 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
BM321	Melis, C. Reid, M. J. Stauffer, J. Mioduszewski, A. Bower, G. C.	Calif.-SD Center for Astrophysics Caltech NRAO - SOC UC Berkeley	Frank Ghigo	Towards a VLBA Resolution of the Pleiades Distance Controversy [C. Melis]	X	5	12	10.50
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.	NAIC NRAO-CV	Scott Ransom	Timing the pulsars in M62, NGC 6544 and NGC 6624 [P. Freire]	S	UG	1	3.00

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

# GBT Observing Schedule for March 2010

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
	Lynch, R.	UVA						
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 NAIC UWV	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 NAIC and Cornell MPIfR McGill NFRA WVU U Amsterdam UBC Eureka Scientific University of British Columbia UC Berkeley 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.	Columbia NRAO-CV	Scott Ransom	The energetic pulsar J1747-2809 in the supernova remnant G0.9+0.1 [F. Camilo]	S	U	25	1.75

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

# GBT Observing Schedule for March 2010

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
	Gaensler, B.M. Lorimer, D.	CFA WVU						
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	13 14 15 (8 9 10 11)	12.00 (28.00)
GBT09C-092	Zeiger, B. Darling, J.	U Colorado U Colorado		Water and OH Masers in the Atmosphere of an Extrasolar Planet [B. Zeiger]	K	S	3	2.00
GBT10A-009	Mangum, J. G. Darling, J. Menten, K. M. Henkel, C.	NRAO Charlottesville U Colorado MPIfR MPIfR	Frank Ghigo	Kinetic Temperature in Starburst Galaxies [J. G. Mangum]	K	S	1	3.00
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 Istituto di Astrofisica Istituto di Astrofisica Istituto di Astrofisica NAIC	Scott Ransom	The Enigmatic Binary PSR J1723-28: A Baby Millisecond Pulsar? [F. Crawford]	S	U	6 27	2.50
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.	UVA 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

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

# GBT Observing Schedule for March 2010

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
	Roberts, M. Hessels, J. W. T. Demorest, P.	Eureka Scientific U Amsterdam NRAO-CV						
GH009	Hallinan, G. Golden, A. Doyle, J.G. Antonova, A. Bourke, S. Briskin, W.F. Butler, C. Harding, Leon	National University of Ireland Armagh Observatory  JIVE NRAO - SOC Armagh Observatory National University of Ireland Galway		Establishing the radio active component of two tight binary ultracool dwarfs [G. Hallinan]	XC	5	21 22	11.00
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	4 16 20	9.00
GV020	Vlemmings, W. Kramer, M. Freire, P. van Langevelde, H.J.	Argelander-Institut fuer Astronomie Jodrell Bank NAIC 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	279.75 59.50  25.50						

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

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