

GBT Observing Schedule for July 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	6 7 8 9 15 16 20 21 31	42.50
GBT07A-051	Hollis, J. M. Remijan, A. Jewell, P. R. Lovas, F. J.	NASA/GSFC National Radio Astronomy Observatory NRAO-CV Nat'l Instit. of Standards and Technology	Tony Remijan	A GBT Legacy Survey of Prebiotic Molecules Toward SgrB2(N-LMH) and TMC-1 [A. Remijan]	Q	S	1 2 3 4 5	9.75
GBT07C-082	Aguirre, J. Spekkens, K.M.M. Mason, B.S.	U Penn Cornell University NRAO-GB	Brian Mason	Searching for Dark Matter Annihilations in Draco [J. Aguirre]	L	S	13 14	2.00
GBT09A-085	Aguirre, J. Spekkens, K.M.M. Mason, B.S.	U Penn Cornell University NRAO-GB	Brian Mason	Searching for Dark Matter Annihilations in Nearby Dwarf Spheroidals [J. Aguirre]	L	SD	13 16	7.00
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	12 13 18 19	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	4 21	3.50
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 Nearside of the Moon [B. Campbell]	S4	X	10 11 12	11.00
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	1 2	4.50
GBT09C-057	Ransom, S. Lorimer, D. McLaughlin, M.	NRAO-CV WVU WVU	Scott Ransom	A 350-MHz Pulsar Survey of the Northern Celestial Cap [S. Ransom]	3	U	3 5 6 7 8 27 28 29 30 31	49.50

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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	Stairs, I. Kaspi, V. Roberts, M. Lynch, R. van Leeuwen, J. van Leeuwen, J. Kondratiev, V. Boyles, J. Hessels, J. W. T. Archibald, A. Jenet, F.	UBC McGill Eureka Scientific UVA UC Berkeley UC Berkeley NFRA WVU U Amsterdam McGill						
GBT09C-086	Arzoumanian, Z. Ransom, S.	USRA 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
GBT10A-005	Kanekar, N.	NCRA	Frank Ghigo	Probing changes in the proton-electron mass ratio with radio molecular lines [N. Kanekar]	Q	S	2 3 6	9.00
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	23 24	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	10	1.00
GBT10A-070	Kannappan, S. Wei, L. Pisano, D.J.	UNC Maryland WVU	Daniel Perera	Relating Gas Fractions to Galaxy Mass Scales and Dynamics for a Broad Sample [L. Wei]	L	S	11	7.00
GBT10A-079	Mangum, J. G. Fraye, D.T.	NRAO Charlottesville NRAO-GB	Dave Frayer	NRAO 2010 CV/GB Summer Student Observing Project [J. G. Mangum]	LSCXU	S	4 5	22.00
GBT10A-082	Heatherly, S. Rosen, R.	NRAO-GB NRAO-GB		Educational Projects on the GBT 2010 [S. Heatherly]	38	U	19 28 29	13.50
GBT10B-003	Curran, S. Whiting, M. Webb, J. Bignell, R.C.	University of New South Wales Australia Telescope National Facility University of New South Wales NRAO - GB	Daniel Perera	Atomic and Molecular Gas in the Most Distant Galaxies [S. Curran]	3	S	6	2.00
GBT10B-006	Alves, F. Girart, J. M.	IEEC IEEC - Barcelona	Frank Ghigo	Testing the effects of the magnetic field in the evolution of starless cores [F. Alves]	L	P	14 15 16 17 18 19 20 22 23 24 25 28 29 30 31	48.50
GBT10B-008	Kanekar, N.	NCRA	Daniel Perera	A search for redshifted HI-21cm absorption in strong	8	P	18	3.75

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	Prochaska, J. Chengalur, J.	UC Santa Cruz TIFR		MgII/Fell absorbers. [N. Kanekar]				
GBT10B-010	Wagg, J. Kanekar, N.	ESO NCRA	Daniel Perera	The molecular gas content of Lyman Alpha emitters at z~6.5 [J. Wagg]	U	S	1 2 3 4 5 6 11	45.75
GBT10B-012	Rosolowsky, E. Pineda, J. Chen, M.	UBC CfA UBC	Daniel Perera	Are Dense Cores Pressure Confined? [E. Rosolowsky]	U	S	2 3 4	11.50
GBT10B-014	Frayer, D.T. Privon, G. Evans, A. Maddalena, R. Chan, B. Stierwalt, S. Armus, L. Appleton, P. N. Sanders, D. B. U, V. Surace, J. Mazzarella, J. M. Petric, A. Haan, S. Morganti, R.	NRAO-GB UVA NRAO NRAO-Green Bank Caltech Cornell SSC/IPAC Caltech IfA Manoa IfA Manoa Caltech Caltech IPAC Caltech NFRA/ASTRON	Dave Frayer	GBT HI Observations of the GOALS LIRG Sample [D.T. Frayer]	L	S	4 9 10 12 22 23 24 25 26 30	47.50
GBT10B-018	Lynch, R. Archibald, A. Boyles, J. Champion, D. Cordes, J. M. Deneva, J. Hessels, J. W. T. Kasian, L. Kaspi, V. Kondratiev, V. van Leeuwen, J. Lorimer, D. McLaughlin, M. McPhee, C. Ransom, S. Roberts, M. Stairs, I.	UVA McGill WVU MPIfR NAIC and Cornell Cornell U Amsterdam University of British Columbia McGill NFRA UC Berkeley WVU WVU UBC NRAO-CV Eureka Scientific UBC	Scott Ransom	Long-term Monitoring of Key Drift Scan Pulsars [R. Lynch]	8	YU	16 23	1.75
GBT10B-021	Lovell, A. Howell, E.	Agnes Scott College Arecibo Observatory	Frank Ghigo	OH Observations of Comets C/2009 R1 McNaught and 103P/Hartley 2 [A. Lovell]	L	P	10	7.25
GBT10B-026	Willett, K. Darling, J.	U Colorado U Colorado	Daniel Perera	A targeted search for OH megamasers in the COSMOS field [K. Willett]	8	S	17 20 23 24 25	28.00
GBT10B-033	Kramer, M. Stairs, I.	Jodrell Bank UBC	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	8	Y	23	5.50

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	McLaughlin, M. Ferdman, R. Camilo, F. Lyne, A. G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Freire, P. Perera, B.	WVU Obs. de Paris Columbia Manchester U ATNF Istituto di Astrofisica Istituto di Astrofisica Istituto di Astrofisica NAIC UWV						
GBT10B-035	Nidever, D. Besla, G. Nigra, L. Stanimirovic, S. Putman, M. Majewski, S.R. Burton, W. B. Ott, J.	UVA CfA U Wisconsin U Wisconsin U Michigan UVA UVA NRAO	Jules Harnett	Constraining the Milky Way Mass with the Magellanic Stream [D. Nidever]	L	S	8 11 12 13	20.25
GBT10B-036	Masui, K. Suarez, E. Peterson, J. Pen, U-L Chang, T-C Bandura, K. Fisher, J.	U Toronto Carnegie Mellon Carnegie Mellon U Toronto UT/CITA Carnegie Mellon NRAO	Jules Harnett	Study of Velocity Distortions Using 21 cm Intensity Mapping [E. Suarez]	8	S	14 15 17 18 20 21 22 24 25 26 27	77.00
GBT10B-037	Nigra, L. Stanimirovic, S. Gallagher III, J. S. Lockman, F. J. Nidever, D. Majewski, S.R.	U Wisconsin U Wisconsin U Wisconsin NRAO-GB UVA UVA	Jay Lockman	The Agents of Aging on the Magellanic Stream [L. Nigra]	L	S	21	2.50
GBT10B-038	Stairs, I. Thorsett, S. Arzoumanian, Z. Sigurdsson, S.	UBC UC Santa Cruz USRA Penn State	Scott Ransom	The Pulsar Triple System in M4 [I. Stairs]	L	UY	4	0.75
GBT10B-048	Remijan, A. Barham, A. Taylor, J. Jones, J.	National Radio Astronomy Observatory		Are the cis- and trans- Geometries of Methyl Formate in the Orion KL Region? [A. Remijan]	X	S	23	4.00
GBT10B-049	McLaughlin, M. Demorest, P. Lorimer, D. Lynch, R. Ransom, S.	WVU NRAO-CV WVU UVA NRAO-CV		bservations of J2007+27, a 25-ms pulsar found through distributed computing [M. McLaughlin]	8	U	21 22	3.00

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	Rosen, R.	NRAO-GB						
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]	S38	UG	9 10 20 22 27	9.75
Maint	NRAO staff			Maintenance			1 6 7 8 9 13 14 15 16 19 20 21 22 26 27 28 29	168.75
Tests	Software Tests			KFPA	LF		9	3.75
Tests	Shelton			M&C Int	L		19 22	6.00
Tests	Shelton			M&C Reg	L		26	6.00
Tests	pointing inclinometers			PTCS	LXBH		1 10 11 25	23.00
Tests	450			RFI Checkout	4SX8L		12 18 23	4.25
Tests	450			Receiver Checkout	483		9 13 27	3.75
Tests	1			TGBT09C_528	Q		3	1.50
Total Hrs	Astronomy Maintenance Un-assigned Tests	527.00 168.75 48.25						

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