

GBT Observing Schedule for September 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 8 19 26 27	34.00
BL176	Loinard, L. Dzib, S. Gomez, Y. Mioduszewski, A. Deller, A. Torres, R.M. Rodriguez, L. F.	Instituto de Astronomia (UNAM, Morelia, Mexico) UNAM Instituto de Astronomia, UNAM NRAO - SOC Swinburne Uni Bonn Instituto de Astronomia, UNAM	Frank Ghigo	The distance to Monceros: one of the nearest high-mass star-forming regions [L. Loinard]	X	V	13 20 26	28.50
GBT09B-023	Ray, P.S. Camilo, F. Ransom, S. Roberts, M.	NRL Columbia NRAO-CV Eureka Scientific	Scott Ransom	Search for Radio Pulsations from Gamma-Ray Pulsars Discovered with Fermi [P.S. Ray]	38	U	25	1.00
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]	8L	YU	22 24	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	20	1.50
GBT09C-037	Urquhart, J. Morgan, L. Hoare, M.G. Figura, C.	University of Leeds St Mary's University University of Leeds	Jim Braatz	The RMS survey: probing the environments of young massive stars [J. Urquhart]	K	S	24 25	8.50
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	21	3.00
GBT09C-057	Ransom, S. Lorimer, D. McLaughlin, M. Stairs, I.	NRAO-CV WVU WVU UBC	Scott Ransom	A 350-MHz Pulsar Survey of the Northern Celestial Cap [S. Ransom]	3	U	1 2 3 5 6 8	38.50

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

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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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	Kaspi, V. Roberts, M. Lynch, R. van Leeuwen, J. van Leeuwen, J. Kondratiev, V. Boyles, J. Hessels, J. W. T. Archibald, A. Jenet, F.	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]	LS	U	22 23 30	8.00
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	21	5.25
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	4 5 6 9	13.00
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	6 7	1.00
GBT10B-001	Ruf, C. Renno, N.O. Simoes, F.	U Michigan U Michigan GSFC	Ron Maddalena	Observing Schumann Resonance Spectra on Jupiter and Venus [C. Ruf]	X	O	28 29	11.00
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	1 2 3 9	17.00
GBT10B-008	Kanekar, N. Prochaska, J. Chengalur, J.	NCRA UC Santa Cruz TIFR	Daniel Perera	A search for redshifted HI-21cm absorption in strong MgII/FeII absorbers. [N. Kanekar]	8	P	12 27 28 29	25.25
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	9	7.50
GBT10B-018	Lynch, R. Archibald, A. Boyles, J.	UVA McGill WVU	Scott Ransom	Long-term Monitoring of Key Drift Scan Pulsars [R. Lynch]	8	YU	14 20 22	2.75

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	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.	MPfIR NAIC and Cornell Cornell U Amsterdam University of British Columbia McGill NFRA UC Berkeley WVU WVU UBC NRAO-CV Eureka Scientific UBC						
GBT10B-019	Ginsburg, A. Battersby, C. Zeiger, B. Darling, J. Bally, J.	U Colorado U Colorado U Colorado U Colorado U Colorado	Ron Maddalena	Densitometry of young star-forming complexes throughout the Galaxy [A. Ginsburg]	U	S	10 15 16 17 18 19 20	37.25
GBT10B-022	Wootten, H. A. Gerin, M. Lis, D. C. Roueff, E.	NRAO-CV Obs de Paris Caltech Obs de Paris	Jim Braatz	GBT Survey of 15N Ammonia in Dense Cores [H. A. Wootten]	K	S	11	2.00
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	11 14 16	10.50
GBT10B-027	Lee, M. Stanimirovic, S. Dickey, J. M. Douglas, K.A. Knee, L.B.G. Gibson, S. Di Francesco, J. Plume, R.	Wisconsin U Wisconsin U Tasmania U Calgary NRAO U Calgary NRC-CNRC U Calgary	Jules Harnett	OH Observations of the Perseus Molecular Cloud [M. Lee]	L	S	30	10.50
GBT10B-033	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]	8	Y	18	5.50

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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	1	0.25
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 21cm Intensity Mapping [E. Suarez]	8	S	10 11 12 14 15 16 17 18 19 20 21	104.50
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	1 2 3 4	12.25
GBT10B-042	Langston, G. I.	NRAO-GB	Glen Langston	Temperature of TMC-CP from a Fit to Molecular Line HC_5N and HC_7N Intensities [G. I. Langston]	K	S	11	2.00
GBT10B-044	Breton, R. van Kerkwijk, M.H. Kaplan, D.L.	U Toronto U Toronto MIT	Scott Ransom	The neutron stars that didn't shine: A GBT pulsar search of 'empty' SN remnants [R. Breton]	8	U	10 11 12 13 14 15 16 20 22	46.50
GBT10B-051	Kondratiev, V. McLaughlin, M. Bilous, A. Ransom, S. Mickaliger, M	NFRA WVU NRAO-CV		A Simultaneous Radio/Fermi Follow-up of the Crab Pulsar [V. Kondratiev]	LX	U	28 29	14.00
GBT10C-035	Minter, A.	NRAO - Green Bank	Toney Minter	Investigating the small-scale structure of HI [A. Minter]	L	M	5 6 7 8 23 25 26 27	56.00
GBT10C-044	Ludovici, D. Pisano, D.J.	WVU	Jules Harnett	Searching for HI in the loose group LGG 140 [D. Ludovici]	L	S	22 23 24 25	40.25
GBT10C-053	Roberts, M. Camilo, F. Ransom, S. Hessels, J. W. T. McLaughlin, M. Aliu, E.	Eureka Scientific Columbia NRAO-CV U Amsterdam WVU	Scott Ransom	Searching for Highly Scattered Pulsars in Very Low Latitude Fermi Sources [M. Roberts]	S	U	3 4 5 6 7 8 27 29	29.50
GLST021284	Camilo, F. Ransom, S.	Columbia NRAO-CV	Scott Ransom	GREEN BANK TELESCOPE TIMING OF KEY FERMI PULSARS [F. Camilo]	8S3	UG	16 20	5.25

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Maint	NRAO staff			Maintenance			1 2 7 9 13 15 16 21 23 30	75.75
Tests	Ku			GainCal	U		18 19	6.00
Tests	NRAO staff			KFPA deep integration	F		6	9.00
Tests	NRAO staff			KFPA recommissioning	F		2 3	4.75
Tests	NRAO staff			Ka/CCB checkout	B		21 22 24	3.75
Tests	X			RFI Checkout	X8LS		4 10 11 13 15 26 27 28	9.00
Tests	Q			Receiver Checkout	Q8KB		7 10 21 24	7.75
Tests	1			TGBT09C_528	Q		8 9	5.00
Total Hrs	Astronomy Maintenance Un-assigned Tests	599.00 75.75 45.25						

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