

GBT Observing Schedule for August 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 9 10 20 26 27	34.00
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	14 21	21.00
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	6	2.75
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	28	6.00
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	21 22	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	26	2.25
GBT09C-057	Ransom, S. Lorimer, D. McLaughlin, M. 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.	NRAO-CV WVU WVU UBC McGill Eureka Scientific UVA UC Berkeley UC Berkeley NFRA WVU U Amsterdam McGill	Scott Ransom	A 350-MHz Pulsar Survey of the Northern Celestial Cap [S. Ransom]	3	U	1 5 7 8 11 12 14 15 28 29 30 31	57.25
GBT09C-058	Ransom, S. Freire, P.	NRAO-CV NAIC	Scott Ransom	Long Term Timing of 55 Recycled Pulsars in Bulge Globular Clusters [S. Ransom]	S	U	10 11 14 15	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

* [] 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. Hessels, J. W. T. Lynch, R.	UBC U Amsterdam UVA						
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	5.00
GBT10A-043	Free, N. Shields, J. Lockman, F. J.	Ohio U Ohio U NRAO-GB	Jay Lockman	M33 And Its Association with Local Group Gas [F. J. Lockman]	L	S	4 5	7.25
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	8 9	1.00
GBT10A-082	Heatherly, S. Rosen, R.	NRAO-GB NRAO-GB		Educational Projects on the GBT 2010 [S. Heatherly]	LX	SD	8 9	12.25
GBT10A-083	Rosen, R. Heatherly, S.	NRAO-GB NRAO-GB		Maintenance Observing with the GBT [R. Rosen]	38	U	3 4 24 25 26	40.50
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	4 13 15 31	13.00
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	1 2 3	10.00
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	18	3.75
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	6 7 8	13.50
GBT10B-014	Fraye, D.T. Privon, G. Evans, A. Maddalena, R. Chan, B. Stierwalt, S. Armus, L. Appleton, P. N. Sanders, D. B.	NRAO-GB UVA NRAO NRAO-Green Bank Caltech Cornell SSC/IPAC Caltech IfA Manoa	Dave Frayer	GBT HI Observations of the GOALS LIRG Sample [D.T. Frayer]	L	S	4 6 7	8.75

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	U, V. Surace, J. Mazzarella, J. M. Petric, A. Haan, S. Morganti, R.	IfA Manoa Caltech Caltech IPAC Caltech NFRA/ASTRON						
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	15 16 17 18 20 22 23 26 27 29 30	66.50
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]	L	Y	22	5.50
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 2 3 5 6 7 8 12 13 20 21 28 29 31	94.00
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	18 19 20 22 23 24	39.25
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	10 11 13 14 15 16 17 30 31	28.25

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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	2 3 1	1.75
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	11 18 27	9.00
Maint	NRAO staff			Maintenance			2 3 4 5 9 10 11 12 16 17 18 19 23 24 25 26 30 31	188.75
Tests	Coherent Tests			GUPPI	S3		13	3.00
Tests	Holography			PTCS	HXB		7 14 21 22 23 28	24.00
Tests	342			RFI Checkout	3X8LU		2 9 13 16 17 21 26 27 29 30	10.25
Tests	800			Receiver Checkout	83		17 26	1.50
Total Hrs	Astronomy Maintenance Un-assigned Tests	516.50 188.75 38.75						

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