

GBT Observing Schedule for May 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	5 6 16 20 27 28	34.00
BB282	Biggs, A. Ivison, R. J. Weiss, A.	ESO ROE MPIfR	Jules Harnett	Observing the relationship between AGN and star formation at high redshift [A. Biggs]	L	5	17 18	11.25
CH11300893	Heinke, C Sivakoff, G.R. Lynch, R. Ransom, S. Sarazin, C. L. Ivanova, N	University of Virginia UVA NRAO-CV University of Virginia	Scott Ransom	Binary Formation in the Sparse Galactic Globular Cluster NGC 3021 [G.R. Sivakoff]	S	U	12	1.25
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]	BQK	S	4 5 7 10 15	19.50
GBT08A-048	Araya, E. Hofner, P. Hoffman, I.M. Goss, W. M. Linz, H. Kurtz, S.	New Mexico Tech New Mexico Tech St. Paul's School NRAO-SOC TLS Tautenburg/MPIA UNAM	Jim Braatz	Correlated Variability of Astrophysical Masers I: monitoring of NGC7538 IRS1 [E. Araya]	C	S	7	1.50
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	8	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]	L8	YB	8 11 21 22	29.25
GBT09B-031	Lynch, R.	UVA	Scott Ransom	Timing the New GBT 350 MHz Drift Scan Pulsars [R.	8	U	18 19 22 23	7.50

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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	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.	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		Lynch]				
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	20 21 23 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	24	1.75
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	9	0.50
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	6 9 10	18.25
GBT09C-057	Ransom, S. Lorimer, D. McLaughlin, M. Stairs, I. Kaspi, V. Roberts, M.	NRAO-CV WVU WVU UBC McGill Eureka Scientific	Scott Ransom	A 350-MHz Pulsar Survey of the Northern Celestial Cap [S. Ransom]	3	U	9 11 12 14 15 16 17 25 26 27 28 29 30	85.25

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GBT09C-058	Ransom, S. Freire, P. Stairs, I. Hessels, J. W. T. Lynch, R.	NRAO-CV NAIC UBC U Amsterdam UVA	Scott Ransom	Long Term Timing of 55 Recycled Pulsars in Bulge Globular Clusters [S. Ransom]	LS	U	1 8 19 20	21.00
GBT10A-001	Reach, W. T. Rho, J. Cortial, Marin Dickinson, Clive	IPAC, Caltech Caltech IPAC Laboratoire Astrophysique de Toulouse	Frank Ghigo	Microwave emission from supernova remnants [W. T. Reach]	B	DK	6	3.75
GBT10A-005	Kanekar, N.	NCRA	Frank Ghigo	Probing changes in the proton-electron mass ratio with radio molecular lines [N. Kanekar]	UB	S	5 7 21 26	27.25
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	22 23	5.75
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	11	1.00
GBT10A-029	Sakai, N. Shiino, T. Sakai, T. Hirota, T. Yamamoto, S.	U Tokyo U Tokyo NAOJ NAOJ-VERA U Tokyo	Jim Braatz	New Carbon-Chain Rich Sources in Lupus [N. Sakai]	BK	S	6 7 9 26 27 30 31	19.00
GBT10A-039	Johnson, K. Kepley, A. Pisano, D.J. Balsler, D.S. Rabidoux, K.	UVA UVA WVU NRAO - Green Bank WVU	Dana Balsler	Survey for Radio Recombinations Lines in Nearby Star-Forming Galaxies [K. Johnson]	Q	S	10 11	3.00
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	1 2	16.25
GBT10A-049	Rosen, R.	NRAO-GB	Rachel Rosen	Confirmation and Follow-up Observations of New Pulsars	38	U	14 15	4.50

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	McLaughlin, M. Lorimer, D. Heatherly, S.	WVU WVU NRAO-GB		Discovered by the PSC [R. Rosen]				
GBT10A-059	Courtois, H. Tully, R.B. Fisher, R. Makarov, D. Karachentsev, I.D. Mitronova, S.	Institute for Astronomy Institute for Astronomy NRAO-CV Special AO Special AO Special AO	Ron Maddalena	Bulk motions of filaments in the Local Universe - Flat Galaxies Catalog [H. Courtois]	L	S	3 7 8 9 11 12 13 15 16 19 22 23 24 25 26 27 28 29 30 31	131.75
GBT10A-060	Lazio, T.J.W. McLaughlin, M. Ransom, S. Cordes, J. M.	NRL WVU NRAO-CV NAIC and Cornell	Scott Ransom	Direct Detection of Local Group Baryons: Giant Pulses from Extragalactic Pulsars [T.J.W. Lazio]	3	U	14 16 17 18 26 31	25.75
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	3	1.00
GBT10A-065	Murphy, E. Condon, J. J. Schinnerer, E. Turner, J. L. Beck, R. Mason, B.S. Meier, D.S. Armus, L.	IPAC NRAO-CV MPIA UCLA MPIfR NRAO-GB NMIMT SSC/IPAC	Brian Mason	Measuring Star Formation Activity and Anomalous Dust Emission in Nearby Galaxies [E. Murphy]	B	K	3 4 10	11.00
GBT10A-066	Braatz, J. A. Kuo, C-Y. Cassidy, T.	NRAO - CV UVA UVA	Jim Braatz	Water Masers in the Saturnian System [C-Y. Kuo]	K	S	4 5	6.00
GBT10A-068	Appleton, P. N. Darling, J. Cluver, M. Frayer, D.T. Boulanger, F. Guillard, P. Ogle, P.	Caltech U Colorado Caltech NRAO-GB Institut d'Astrophysique Orsay U Caltech	Dave Frayer	Searching for H2O Masers in Shocked H2-Luminous systems [P. N. Appleton]	K	S	10	2.75
GBT10A-078	Blagrove, K. Boothroyd, A. Lockman, F. J. Martin, P.G. Miville-Deschenes, M.	University of Toronto NRAO-GB University of Toronto Orsay		Re-observation of Galactic HI in the ELIAS N1 Field [F. J. Lockman]	L	S	14	3.00
GBT10A-080	Demorest, P. Pennucci, T. Ransom, S.	NRAO-CV UVA NRAO-CV	Scott Ransom	Confirming the Mass of the Pulsar J1614-2230 [P. Demorest]	L	S	13 14	4.00

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	Hessels, J. W. T. Roberts, M.	U Amsterdam Eureka Scientific						
GBT10A-100	Drake, F. D.	SETI Institute	Karen O'Neil	Re-observe stars for cosmic signals [K. O'Neil]	L	S	18	1.25
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	27 28 29 30 31	21.00
GBT10B-014	Fraye, 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. Fraye]	L	S	1 2 3 13 15 16 17 18 19 20 21 22 24 25	103.50
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	28 29 30 31	20.75
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]	CSX	S	1 2	3.75
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	13 16 19 26	10.75
Maint	NRAO staff			Maintenance			3 4 6 13 18 25	41.25
Tests	NRAO staff			AutoPeakFocus Tests	L		23	3.25
Tests	pointing inclinometers			PTCS	LXH		1 27	9.75
Tests	X			RFI Checkout	XUC38LS		2 4 5 6 18 22 25	8.00

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Tests	Ku			Receiver Checkout	U3Q8		4 6 18 25	5.75
Total Hrs	Astronomy	676.00						
	Maintenance	41.25						
	Un-assigned							
	Tests	26.75						

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