

# GBT Observing Schedule for July 2005

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BB191	Barvainis, R. E. Ulvestad, J. Birkinshaw, M. Lehar, J.	National Science Foundation NRAO University of Bristol CombinatoRx		Are Radio-Quiet Quasars Superluminal? [R. E. Barvainis]	C	V	22	4.00
BF084	Forbrich, J. Massi, M. Ros, E. Menten, K. M.	MPIfR MPIfR MPIfR Max-Planck-Institut Fur Radioa		Selected Protostars for the High Sensitivity Array [J. Forbrich]	X	V	3 28	7.00
BM223	Maccarone, T. Briskin, W.F. Miller-Jones, J. Jonker, P.G.	NRAO - Soc  CfA		High Sensivity Array Observations of M 15: Searching for Emission From Intermediate Mass Black Hole Candidates [T. Maccarone]	C	V	24	2.00
BU027	Ulvestad, J. Neff, S. G. Teng, S.	NRAO GSFC University of Maryland		Monitoring Young Supernovae in Arp 299 [J. Ulvestad]	SX	V	17	10.00
GBT04A-046	Akos, D. Harrison, N.	Stanford University Stanford University		Global Positioning System Satellite Anomaly Investigation Using the Robert C. Byrd Green Bank Telescope [D. Akos]	L	O	26 27	8.50
GBT04B-011	Rickett, B. J. McLaughlin, M. Coles, W. A. Lyne, A. G. Stairs, I. Camilo, F. Freire, P.	UCSD University of Manchester University of California, San NRAL University of British Columbia Columbia Astrophysics Laboratory Arecibo Observatory	A. Minter	Scintillation studies of the J0737-3039 binary system [B. J. Rickett]	SC	G	9	5.00
GBT04B-026	Kramer, M. Stairs, I. Camilo, F. McLaughlin, M. Lorimer, D. Lyne, A. G. Manchester, D.R. N. Possenti, A. D'Amico, N.	NRAL University of British Columbia Columbia Astrophysics Laboratory University of Manchester University of Manchester NRAL Australia Telescope Osservatorio di Cagliari Osservatorio di Cagliari Osservatorio di Bologna	K. O'Neil	Timing the First Double Pulsar System [M. Kramer]	L8	OG	24	5.00

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

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	Burgay, M. Freire, P. Joshi, B. Ferdman, R.	Arecibo Observatory National Centre for Radio Astrophysics (India) University of British Columbia						
GBT04B-029	Stairs, I. Camilo, F. Kramer, M. Faulkner, A. McLaughlin, M. Lorimer, D. Lyne, A. G. Hobbs, G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Ferdman, R. Ramachandran, R. Backer, D. C. Demorest, P. Nice, D.	University of British Columbia Columbia Astrophysics Laboratory NRAL Nuffield Radio Astronomy Laboratories University of Manchester University of Manchester NRAL Australia Telescope National Facility (ATNF) Australia Telescope Osservatorio di Cagliari Osservatorio di Cagliari Osservatorio di Bologna University of British Columbia UC Berkeley (Astronomy) University of California, Berkeley UC Berkeley (Physics) Princeton University	K. O'Neil	Timing New Binary and Millisecond Pulsars from the Parkes Multibeam Survey [I. Stairs]	L	BCOG	18 25	4.00
GBT04C-008	Pidopryhora, Y. Shields, J. Lockman, F. J.	Ohio University Ohio University NRAO-GB		Mapping the Galactic Halo HI: Evidence of Outflow from the Galactic Plane? [Y. Pidopryhora]	L	P	19 21 22 23	14.00
GBT04C-031	Kondratko, P.T. Greenhill, L. J. Moran, J. M. Lovell, J.E.J. Kuiper, T. B. H. Jauncey, D. L.	Harvard University Harvard-Smithsonian CfA ATNFc/o COSSA JPL ATNF	J. A. Braatz	Monitoring of Five NGC4258-like Water Megamasers Discovered with the GBT and the DSN [P.T. Kondratko]	K	S	2 3 (17)	7.75 (7.25)
GBT04C-043	Ransom, S. Freire, P. Gupta, Y.	NRAO Arecibo Observatory National Centre for Radio Astrophysics	S. Ransom	Timing the Eccentric Millisecond Pulsar Binary in Globular Cluster NGC 1851 [S. Ransom]	3	G	15	1.00
GBT05A-011	Ransom, S. Camilo, F. Stairs, I. Kaspi, V.	NRAO Columbia Astrophysics Laboratory University of British Columbia _McGill University	S. Ransom	Timing of the Binary and Millisecond Pulsars in Terzan5 [S. Ransom]	S8	GO	1 2 27 28	15.00

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	Hessels, J. W. T. Freire, P.	McGill University Arecibo Observatory						
GBT05A-013	Robishaw, T. Heiles, C. E.	University of California at Berkeley University of California	R. Maddalena	Threading the Magnetic Slinky: Mapping the Zeeman Effect in the Eridanus/Orion Region [T. Robishaw]	L	P	22 23	14.25
GBT05A-014	Bailes, M. Ord, S. Jacoby, B. Kulkarni, S. R. Camilo, F. Hotan, H. Edwards, Russell	Swinburne University of Technology Swinburne University of Technology Caltech Astronomy Caltech Columbia Astrophysics Laboratory Swinburne University of Technology Australia Telescope National Facility	S. Ransom	A High Sensitivity Millisecond Pulsar Survey [M. Bailes]	3	O	15	19.50
GBT05A-033	Stairs, I. Camilo, F. Kramer, M. Faulkner, A. McLaughlin, M. Lorimer, D. Lyne, A. G. Hobbs, G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Ferdman, R. Ramachandran, R. Backer, D. C. Demorest, P. Nice, D.	University of British Columbia Columbia Astrophysics Laboratory NRAL Nuffield Radio Astronomy Laboratories University of Manchester University of Manchester NRAL Australia Telescope National Facility (ATNF) Australia Telescope Osservatorio di Cagliari Osservatorio di Cagliari Osservatorio di Bologna University of British Columbia UC Berkeley (Astronomy) University of California, Berkeley UC Berkeley (Physics) Princeton University	S. Ransom	Shapiro Delay in the PSR J1802-2124 System [I. Stairs]	L	OG	12 13 14	16.00
GBT05A-036	Ransom, S. Hessels, J. W. T. Kaspi, V. Roberts, M.	NRAO McGill University McGill University McGill University (Physics Dept)	S. Ransom	A 350-MHz Survey of the Northern Galactic Plane for Pulsars [S. Ransom]	3	G	16	23.50
GBT05A-041	Demorest, P. Backer, D. C.	UC Berkeley (Physics) University of California, Berkeley	S. Ransom	Precision Timing of Binary and Millisecond Pulsars [P. Demorest]	L8	COG	23	7.00

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	Ferdman, R. Stairs, I. Nice, D. Ramachandran, R.	University of British Columbia University of British Columbia Princeton University UC Berkeley (Astronomy)						
GBT05A-048	Camilo, F. Ransom, S. Gaensler, B.M. Lorimer, D. Manchester, D.R. N.	Columbia Astrophysics Laboratory NRAO CFA University of Manchester Australia Telescope		Exploratory Time Request: Have we detected the very young pulsar in SNR G21.5-0.9? [F. Camilo]	8	BG	6 23	4.00
GBT05A-054	Arzoumanian, Z.	NASA/GSFC		Exploratory Time Observations of the New Relativistic Binary Pulsar J1906+07 [Z. Arzoumanian]	8SC	GY	2 3 8 17	12.00
GBT05B-003	Lovell, A. Butler, B. Howell, E. Schloerb, F. P.	Agnes Scott College NRAO-Soc Arecibo Observatory University of Massachusetts		OH Observations of 9P/Tempel 1 during Deep Impact [A. Lovell]	L	P	4 5 6 7 8 9 10 11 12	64.00
GBT05B-007	Minter, A.	NRAO - Green Bank	A. Minter	Does Pulsar Scattering Arise in Photo-dissociation Regions of Molecular Clouds? [A. Minter]	L	P	30 31	8.00
GBT05B-011	Minter, A.	NRAO - Green Bank	A. Minter	Using Pulsar HI Absorption to Determine the Distance to the Local Spiral Arm in the Second Quadrant of the Galaxy [A. Minter]	L	P	2 4 7 9 10	47.50
GBT05B-013	Araya, E. Hofner, P. Goss, W. M. Kurtz, S. Olmi, L. Linz, H.	New Mexico Tech New Mexico Tech NRAO-SOC UNAM Istituto di Radioastronomia, Italy TLS Tautenburg/MPIA	F. D. Ghigo	Continuing the GBT Search for H2CO 6cm Emission [E. Araya]	C	S	17 18 19 20 21 22	21.75
GBT05B-019	Roberts, M. Hessels, J. W. T. Breton, Rene Ransom, S. Kaspi, V.	McGill University (Physics Dept) McGill University McGill University NRAO McGill University	S. Ransom	Examining the Intermittent Emission of PSR J1744-3922 [M. Roberts]	S	GB	14 15	5.50
GBT05B-021	Lim, J.	Academia Sinica, IAA	K. O'Neil	The Extended HI Envelope around the M51 Group [J. Lim]	L	S	2 3	10.50

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	Hsieh, Pei-Ying	National Taiwan University						
GBT05B-025	Blanton, Michael Geha, Marla West, A.A. Pizagno, J. Weinberg, D. H. Dalcanton, J. Garcia, D.	New York University Carnegie Observatories University of Washington Ohio State University Ohio State University University of Washington University of Wales Cardiff	K. O'Neil	HI content and dynamics of low luminosity galaxies [Michael Blanton]	L	S	29 30 31	41.00
GBT05B-029	Bietenholz, M. F. Bartel, N. Ransom, S.	York University York University NRAO	S. Ransom	A Search for a 20-year old Pulsar in SN 1986J [M. F. Bietenholz]	S	G	1	16.00
GBT05B-041	Greve, T.R. Borys, Colin Farrah, Duncan Pihlstrom, Y	Caltech (Physics, Maths and Astronomy) Caltech (Physics, Maths and Astronomy) IPAC, Caltech Caltech/NRAO	A. Minter	A search for OH gigamasers in two high-z HLIRGs [T.R. Greve]	8	S	3 4 5 6	18.00
GBT05B-046	Minter, A.	NRAO - Green Bank		NRAO GB Summer Student Project [A. Minter]	CLX	DSP	3	4.50
GBT05B-048	O'Neil, K.	NRAO - GB		NAIC/NRAO Workshop Projects [K. O'Neil]	CLX	DSPG	11 12 13 14	23.50
Maint	NRAO staff			Install PF2	A		29	4.00
Maint	NRAO staff			Maintenance			5 6 7 8 11 12 13 14 18 19 20 21 25 26 27 28	159.25
Not Sched	NRAO staff						18 20 23 24 25 26 27 28 29 30 31	59.25
Setup	NRAO staff			Observation setup	CXSL8K3	VOGBCPSY	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	30.00 (0.50)

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							21 22 23 24 25 (17)	
Tests	NRAO staff			GenTests	LCSU	DSP	8 (19 20 21)	2.25 (18.50)
Tests	Langston			Mapping tests	L	DSP	[17]	[7.75]
Tests	Ghigo			PCO 4A46	L	O	18 20 25 26	12.75
Tests	NRAO staff			RCO 350 MHz	3	DSP	14	2.50
Tests	NRAO staff			RCO 800 MHz	8	DSP	18	1.50
Tests	NRAO staff			RCO PF2	A	DSP	29	3.00
Total Hrs	Astronomy Setup Maintenance Un-assigned Tests	447.00 30.50 163.25 62.75 40.50						7.75

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