

# GBT Observing Schedule for October 2005

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
GB052	Bartel, N. Bietenholz, M. F. Rupen, M. P.	York University York University NRAO - NM		The expansion of the shell of SN1986J with a neutron star or black hole in its center	C	V	24 25	12.00
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	1 (17)	13.00 (10.00)
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. Hessels, J. W. T. Freire, P.	NRAO Columbia Astrophysics Laboratory University of British Columbia McGill University McGill University Arecibo Observatory	S. Ransom	Timing of the Binary and Millisecond Pulsars in Terzan5 [S. Ransom]	S	GO	15	7.50
GBT05A-024	Campbell, D. B. Campbell, B. Carter, L. Margot, J.L. Stacy, N.	Cornell University Smithsonian Institute Smithsonian Institution Cornell University Defence Science and Technology Organization, Australia	F. D. Ghigo	S-Band Radar Mapping of the Lunar Polar Regions [D. B. Campbell]	S	O	22 23 24	8.25
GBT05A-041	Demorest, P. Backer, D. C. Ferdman, R. Stairs, I. Nice, D. Ramachandran, R.	UC Berkeley (Physics) University of California, Berkeley University of British Columbia University of British Columbia Princeton University UC Berkeley (Astronomy)	S. Ransom	Precision Timing of Binary and Millisecond Pulsars [P. Demorest]	L8	COG	8 11	7.00
GBT05B-002	Taylor, G.B. Romani, R. W. Peck, A.B. Zavala, R.	UNM Stanford University CfA USNO	J. A. Braatz	Searching for Water Masers in the Black Hole Binary System 0402+379 [G.B. Taylor]	K	DS	14	4.00
GBT05B-007	Minter, A.	NRAO - Green Bank	A. Minter	Does Pulsar Scattering Arise in Photo-dissociation Regions of Molecular Clouds? [A. Minter]	L	P	8 10	3.00
GBT05B-008	Hollis, J. M. Jewell, P. R. Lovas, F. J. Shevlin, Phil McKee, Mike Remijan, A.	NASA/GSFC NRAO-GB National Institute of Standards and Technology National Science Foundation Auburn University NASA/Goddard	P. R. Jewell	Searching for the Missing Link in Sugar Polymerization [J. M. Hollis]	CK	SD	9 10 11 12 13 14	27.50

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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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GBT05B-032	Thorsett, S. Stairs, I. Arzoumanian, Z.	University of California, Santa Cruz University of British Columbia NASA/GSFC	S. Ransom	Timing the millisecond pulsar B1620-26 with the GBT [S. Thorsett]	L	PG	29	1.00
GBT05B-034	Stairs, I. Camilo, F. Kramer, M. Faulkner, A. McLaughlin, M. 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 NRAL Australia Telescope National Facility (ATNF) Australia Telescope Osservatorio di Cagliari Osservatorio di Cagliari Istituto Nazionale di Astrofisica University of British Columbia UC Berkeley (Astronomy) University of California, Berkeley UC Berkeley (Physics) Princeton University	S. Ransom	Timing Binary and Millisecond Pulsars from the Parkes Multibeam Survey [I. Stairs]	L	BOG	27 29	10.75
GBT05B-042	Kramer, M. Stairs, I. Camilo, F. McLaughlin, M. Lyne, A. G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Freire, P. Joshi, B. Ferdman, R.	NRAL University of British Columbia Columbia Astrophysics Laboratory University of Manchester NRAL Australia Telescope Osservatorio di Cagliari Osservatorio di Cagliari Istituto Nazionale di Astrofisica Arecibo Observatory National Centre for Radio Astrophysics (India) University of British Columbia	S. Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	L8	BOG	30	6.00
GBT05B-061	Claussen, M. J. Healy, K. Bond, H. Starrfield, S.	NRAO-SOC Arizona State University STScI Arizona State		High Velocity Silicon Monoxide Masers in V838 Monocerotis [M. J. Claussen]	Q	S	(17)	(2.50)
GBT05C-001	Campbell, B. Campbell, D. B. Carter, L.	Smithsonian Institute Cornell University Smithsonian Institution	F. D. Ghigo	Radar Mapping of the Moon at 70-cm Wavelength Using Arecibo and the GBT [B. Campbell]	4	X	26 27 28	9.75
GBT05C-002	Kavars, D. Dickey, J. M. Skillman, E. Strasser, S.T.	University of Minnesota University of Tasmania University of Minnesota University of Minnesota	R. Maddalena	Extended OH Emission Maps of HISA Clouds [D. Kavars]	L	S	16 [17 18 19 20 21 22 23 24 25 26 28 29 30 31]	3.00 [83.25]

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GBT05C-005	Yun, M. Borthakur, S. Verdes-Montenegro, L.	University of Massachusetts University of Massachusetts Instituto de Astrofisica de An	K. O'Neil	What Happens to the Stripped HI in Compact Groups? [M. Yun]	L	S	2 3 4 5 6 7 8	76.00
GBT05C-009	Joncas, G. Bariault, L. Boothroyd, A. Landecker, T. L. Lockman, F. J. Martin, P.G. Miville-Deschenes, M. Taylor, A. R.	Universite Laval Universite Laval University of Toronto DRAO NRAO-GB University of Toronto IAS Univ. Paris-Sud University of Calgary	F. J. Lockman	GBT HI Observations of the DRAO Deep Field: Determining Foregrounds for Planck [F. J. Lockman]	L	P	[26 27 28 29]	[26.25]
GBT05C-012	Henkel, C. Braatz, J. A. Ott, J. Mauersberger, R. Menten, K. M.	Max-Planck-Institut fur Radioa NRAO ATNF IRAM Max-Planck-Institut Fur Radioa	J. A. Braatz	Ammonia as a Temperature Probe in Nearby AGNs [J. A. Braatz]	K	S	13 14 (16 17)	5.00 (5.00)
GBT05C-014	Devine, K. Chandler, C. Brogan, C.L. Shirley, Y.L. Indebetouw, R. Churchwell, E. B.	University of Wisconsin at Madison NRAO-Socorro JCMT University of Virginia University of Wisconsin	R. Maddalena	Ammonia and CCS Observations of GLIMPSE Infrared Dark Clouds [C. Chandler]	K	S	(18 19 20 21 22 23 25 30 31)	(39.50)
GBT05C-015	Henkel, C. Braatz, J. A. Ott, J. Menten, K. M.	Max-Planck-Institut fur Radioa NRAO ATNF Max-Planck-Institut Fur Radioa	J. A. Braatz	Ammonia in Ultraluminous Infrared Galaxies [J. A. Braatz]	K	S	(17 18 19 20 21 26 29 31)	(34.75)
GBT05C-021	Miville-Deschenes, M. Boulanger, F. Lockman, F. J. Boothroyd, A. Martin, P.G.	IAS Univ. Paris-Sud Institut d'Astrophysique Spatiale NRAO-GB University of Toronto University of Toronto	F. J. Lockman	Characterizing Dust in High Velocity Clouds [F. J. Lockman]	L	P	3 6 7	15.00
GBT05C-023	Camilo, F. Ransom, S. Gaensler, B.M. Slane, P.O. Lorimer, D. Manchester, D.R. N.	Columbia Astrophysics Laboratory NRAO CFA CfA University of Manchester Australia Telescope	S. Ransom	PSR J1833-1034, the Very Young Pulsar in the SNR G21.5-0.9 [F. Camilo]	S83	GB	2 3 16	6.50
GBT05C-025	Camilo, F. Gaensler, B.M. Lorimer, D.	Columbia Astrophysics Laboratory CFA University of Manchester	S. Ransom	Deep Searches of Six Pulsar Wind Nebulae [F. Camilo]	S	G	9	4.50

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	Ransom, S.	NRAO						
GBT05C-030	Blundell, K. Lockman, F. J.	University of Oxford NRAO-GB	F. J. Lockman	HI Observations near SS433/W50 [F. J. Lockman]	L	P	9 [19 21]	2.50 [8.00]
GBT05C-037	Kanekar, N. Carilli, C. L. Langston, G. I. Stocke, J. T. Menten, K. M. Rocha, G.	NRAO-AOC NRAO NRAO-GB University of Colorado Max-Planck-Institut Fur Radioa University of Cambridge	G. I. Langston	Measuring changes in fundamental constants with redshifted OH lines [N. Kanekar]	8	S	8 9 10	13.50
GBT05C-044	Zweibel, E. Crutcher, R. M. Churchwell, E. B. Watson, D.	University of Wisconsin at Madison (Astronomy) University of Illinois University of Wisconsin University of Wisconsin at Madison	R. Maddalena	Physical Conditions in Dark Filaments Discovered by GLIMPSE [R. M. Crutcher]	L	S	(21 23)	(4.00)
GBT05C-045	Ransom, S. Hessels, J. W. T. Roberts, M. Kaspi, V.	NRAO McGill University McGill University (Physics Dept) McGill University	S. Ransom	A 350-MHz Survey of the Northern Galactic Plane for Pulsars (continued) [S. Ransom]	3	G	15 16 [17 18 19 20 21]	12.50 [33.50]
GBT05C-046	Stairs, I. Lorimer, D.	University of British Columbia University of Manchester	S. Ransom	Timing of a Relativistic Binary and other Pulsars from the Arecibo PALFA Survey [I. Stairs]	L	YG	8 [26 28]	4.00 [8.00]
GBT05C-049	Stinebring, D. R. Minter, A. Ransom, S.	Oberlin College NRAO - Green Bank NRAO	A. Minter	Follow-on scintillation observations of two pulsars [D. R. Stinebring]	L	S	9 10 11 12 13 22 23 24 25 26 27 28 29 30 31	35.00
GBT05C-050	Cameron, P. Kulkarni, S. R. Kaplan, D.L.	Caltech Astronomy Caltech Massachusetts Institute of Technology (Astrophysics)	S. Ransom	A Search for the Pulsar in G70.7+1.2 [P. Cameron]	S	G	10 11 12	13.00
GBT05C-051	Braatz, J. A. Gugliucci, N.	NRAO University of Virginia	J. A. Braatz	A Snapshot Survey for H2O Megamasers in Nearby, Luminous Galaxies [J. A. Braatz]	K	S	1 2 4 16 (26 28)	21.00 (9.00)
GBT05C-056	Freire, P. Ransom, S. Stairs, I. Hessels, J. W. T. Kaspi, V. Camilo, F. Begin, S.	Arecibo Observatory NRAO University of British Columbia McGill University McGill University Columbia Astrophysics Laboratory University of British Columbia	S. Ransom	A GBT S-band Globular Cluster Survey: Phase B [P. Freire]	S	G	6 7	14.00
GBT05C-057	Jorgenson, R. Wolfe, A. M. Prochaska, J. Darling, J.	University of California at San Diego University of California-San D University of California Carnegie Institution of Washington (Headquartes)	F. D. Ghigo	Search for 21cm Absorption toward Radio Loud, Extremely Optically Faint Sources [R. Jorgenson]	38	S	14 15 16 29 30	17.75

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GL028	Lonsdale, C. J. Diamond, P. J. Lonsdale, C. J. Smith, H. E.	Haystack Observatory MERLIN/VLBI National Facility Caltech IPAC UCSD		Tracing Ultraluminous Infrared Galaxy Starbursts with Radio Supernovae	L	4	29 30 31	11.50
GM057	Marcaide, J. M. Marti-Vidal, I. Guirado, J. C. Alberdi, A. Perez-Torres, M. A. Lara, L. Ros, E. Diamond, P. J. Shapiro, I. I. Preston, R. A. Schilizzi, R. T. Mantovani, F. Trigilio, C. Van Dyk, S.D. Weiler, K. W. Sramek, R. A. Whitney, A. R.	Universitat de Valencia University of Valencia Universidad de Valencia Instituto de Astrofisica de An IAA University of Granada MPIfR MERLIN/VLBI National Facility Center for Astrophysics JPL JIVE Istituto di Radioastronomia Istituto di Radioastronomia CN Caltech Naval Research Lab NRAO-SOC Haystack Observatory		Monitoring The Different Expansions Of Sn1993j At 6 And 18cm	C	V	22	11.00
Comm	Balser			HF Comm	Q	DSP	1 12 13 (17 18 19 20 25 26 27 28 29)	12.00 (57.75)
Maint	NRAO staff			Maintenance			4 5 12 13 18 25 (21 28)	46.00 (7.00)
Not Sched	NRAO staff						(22 23 24 27 30 31)	(20.25)
Setup	NRAO staff			Observation setup	CK3S4L8Q	VSGOCDPBX Y4	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 22 23 24 25 26 27 28 29 30 31 [17 18 19 20 21 22 23 25 26 27 28 29 30 31] (16 17 18 19 20 21 22 23 25 26 28 29 30 31)	45.75 [13.00] (11.00)
Tests	Ghigo			Astrid tests	L	DSP	12	2.50
Tests	NRAO staff			M&C Integ	L	DSP	4 5	6.00

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Tests	Robishaw			Poln Tests	L	DSP	11 12 14 19 20 21 23 24	45.00
Tests	NRAO staff			RCO 340 MHz	3	DSP	13	1.50
Tests	NRAO staff			RCO*4 450 MHz	4	DSP	25	1.50
Tests	NRAO staff			RCO*8 800 MHz	8	DSP	29	1.50
Tests	Ransom			Spigot tests	8	G	13	2.00
Tests	NRAO staff			VLBI tests	L	4	19 20	2.00
Total Hrs	Astronomy	481.25		159.00				
	Setup	56.75		13.00				
	Commissioning	69.75						
	Maintenance	53.00						
	Un-assigned	22.25						
	Tests	62.00						

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