

# 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
GBT04B-014	Kondratko, P.T. Greenhill, L. J. Moran, J. M. Braatz, J. A.	Harvard University Harvard-Smithsonian CfA NRAO		Anchoring the Extragalactic Distance Scale [P.T. Kondratko]	KU	S	(2 4 6 9)	(66.00)
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		Monitoring of Five NGC4258-like Water Megamasers Discovered with the GBT and the DSN [P.T. Kondratko]	K	S	(1 3 5 7)	(50.00)
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 17]	[2.00]
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 17]	[15.00]
GBT05A-015	Kondratko, P.T. Greenhill, L. J. Braatz, J. A. Moran, J. M.	Harvard University Harvard-Smithsonian NRAO CfA	J. A. Braatz	Search for Extragalactic Water Maser Emission with the GBT: Independent Measurement of the Hubble Constant [P.T. Kondratko]	K	S	(5 7)	(11.00)
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	11 [8 10]	3.50 [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	(12 14)	(8.00)

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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	11 12 13 14 (8 9 10 11 12)	16.00 (16.50)
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 INAF-Osservatorio di Cagliari 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 INAF-Osservatorio di Cagliari 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
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.	University of Minnesota University of Tasmania	R. Maddalena	Extended OH Emission Maps of HISA Clouds [D. Kavars]	L	S	16 [13 14 18 19 20]	3.00 [73.25]

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	Skillman, E. Strasser, S.T.	University of Minnesota University of Minnesota					21 22 23 24 25 26 28 29 30 31 (15 16)	(3.50)
GBT05C-005	Yun, M. Borthakur, Sanchayeeta 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	6 [1 2 3 4 5 6 7 8 9 10]	4.50 [99.50]
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	(2 11 12 13 14 15 16 17)	(24.50)
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)	(37.50)
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	(15 17 18 19 20 21 26 29 31)	(59.25)
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	[1 3]	[14.00]
GBT05C-022	Braatz, J. A. Henkel, C.	NRAO Max-Planck-Institut fur Radioa	J. A. Braatz	The Accretion Disks and Supermassive Black Holes in NGC 2273 and NGC 4051 [J. A. Braatz]	K	S	(8 10)	(8.00)
GBT05C-023	Camilo, F. Ransom, S. Gaensler, B.M. Slane, P.O.	Columbia Astrophysics Laboratory NRAO CFA CfA	S. Ransom	PSR J1833-1034, the Very Young Pulsar in the SNR G21.5-0.9 [F. Camilo]	8S3	GB	16 [1 2 3 9]	3.00 [7.00]

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	Lorimer, D. Manchester, D.R. N.	University of Manchester Australia Telescope						
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	[19 21]	[8.00]
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	16	7.50
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 10 26 28]	[16.00]
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	22 23 24 25 26 27 28 29 30 31	11.00
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]	[16.00]
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 3 4 5 6 7 26 28)	(34.50)
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	29 30 [14 15 16 17 18]	5.75 [17.00]
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.	Universitat de Valencia University of Valencia Universidad de Valencia Instituto de Astrofisica de An IAA University of Granada MPIfR		Monitoring The Different Expansions Of Sn1993j At 6 And 18cm	C	V	22	11.00

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	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.	MERLIN/VLBI National Facility Center for Astrophysics JPL JIVE Istituto di Radioastronomia Istituto di Radioastronomia CN Caltech Naval Research Lab NRAO-SOC Haystack Observatory						
Comm	Balser			HF Comm	QB	DSP	(1 3 7 8 9 10 11 12 13 17 18 19 20 25 26 27 28 29)	(119.25)
Maint	NRAO staff			Maintenance			13 18 25 [4 5 6 7] (12 21 28)	25.50 [34.00] (10.50)
Not Sched	NRAO staff						(8 9 11 13 15 16 17 22 23 24 27 30 31)	(39.75)
Setup	NRAO staff			Observation setup	CKU3S4L8	VSGOCDPBX Y4	6 11 12 13 14 16 22 23 24 25 26 27 28 29 30 31 [1 2 3 4 6 7 8 9 10 12 13 14 15 16 17 18 19 20 21 22 23 25 26 27 28 29 30 31] (1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 25 26 28 29 30 31)	23.75 [27.00] (25.00)
Tests	NRAO staff			M&C Integ	L	DSP	[4 5 6 7]	[14.00]
Tests	Robshaw			Poln Tests	L	DSP	11 12 14 19 20 21 23 24	45.00
Tests	NRAO staff			RCO 340 MHz	3	DSP	14	2.00
Tests	NRAO staff			RCO 800 MHz	8	DSP	18	2.00

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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	NRAO staff			VLBI tests	L	4	19 20	2.00
Total Hrs	Astronomy	447.25	301.00					
	Setup	48.75	27.00					
	Commissioning	119.25						
	Maintenance	36.00	34.00					
	Un-assigned	39.75						
	Tests	54.00						

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