

# GBT Observing Schedule for November 2005

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BT075	Tarchi, A. Brunthaler, A. Henkel, C. Menten, K. M. Moscadelli, L. Chiaberge, M.	Istituto di Radioastronomia MPIfR Max-Planck-Institut fur Radioa Max-Planck-Institut Fur Radioa Stazione Astronomica di Caglia IRA - Bologna		3C403: Is the water maser in an FRII associated with an accretion disk or is due to a jet interaction? [A. Tarchi]	K	V	25	12.00
BW083	Winn, J. Haarsma, D. Shapiro, I. I. Lehar, J.	CfA Calvin College Center for Astrophysics CombinatoRx		The central component of Q0957+561 [J. Winn]	K	V	23	12.00
GB057	Brisken, W.F. Coles, W. A. Macquart, J.P. Rickett, B. J. Tingay, S. West, C.	NRAO - SOC University of California, San NRAO - Soc UCSD Swiburne Swiburne		Resolving scintillation arcs with VLBI	3	5	12	6.00
GBT03C-012	Braatz, J. A. Henkel, C.	NRAO Max-Planck-Institut fur Radioa	J. A. Braatz	Follow-Up Observations of Extragalactic H2O Masers Discovered with the GBT [J. A. Braatz]	K	S	12	2.00
GBT04B-026	Kramer, M. Stairs, I. Camilo, F. McLaughlin, M. Lorimer, D. Lyne, A. G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Freire, P. Joshi, B. Ferdman, R.	NRAL University of British Columbia Columbia Astrophysics Laboratory University of Manchester 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	K. O'Neil	Timing the First Double Pulsar System [M. Kramer]	8	OG	21 22 23 26 27	32.00
GBT04C-029	Dyer, K. Walter, F. Rupen, M. P. Cornwell, T. J.	NRAO-SO MPIfA NRAO - SOC NRAO-SOC		Crossing The Critical Junction: Star Formation Between 1 and 10,000 GHz [K. Dyer]	CU	D	[28 30] (28 30)	[7.50] (9.50)
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	9	3.00
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]	S	GO	4 [28 30]	7.50 [15.00]

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	Hessels, J. W. T. Freire, P.	McGill University Arecibo Observatory						
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 Istituto Nazionale di Astrofisica 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	19 20	16.00
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]	SL8	COG	5 7 19 20 21	13.75
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	22 23 26	9.25
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)	S. Ransom	Timing Binary and Millisecond Pulsars from the Parkes Multibeam Survey [I. Stairs]	L	BOG	27	1.50

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		Princeton University						
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	[28 30]	[10.00]
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	6 8 9 15 21 22	17.25
GBT05C-007	Remijan, A. Stork, Wilmer Meier, D. L. Hollis, J. M. Jewell, P. R. Lovas, F. J.	NASA/Goddard Parkland College University of Illinois at Urbana-Champaign NASA/GSFC NRAO-GB Nat'l Instit. of Standards and Technology	P. R. Jewell	A Search For Interstellar Cyanoformaldehyde (CNCHO) [A. Remijan]	X	S	10 12	15.50
GBT05C-008	Maccarone, T. Stappers, B. Kundu, A. Zepf, S. Piro, A. Bildsten, L. Kaplan, D.L.	University of Amsterdam University of Amsterdam Michigan State University Michigan State University University of California Santa Barbara Kavli Institute for Theoretical Physics Massachusetts Institute of Technology (Astrophysics)	S. Ransom	Searching for pulsars in dwarf spheroidal galaxies [T. Maccarone]	3	O	13 14	6.00
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	21 [28 29 30]	3.00 [19.50]

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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	(27 29)	(9.50)
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 Arizona University of Virginia University of Wisconsin	R. Maddalena	Ammonia and CCS Observations of GLIMPSE Infrared Dark Clouds [C. Chandler]	K	S	2 17 18	11.50
GBT05C-020	Remijan, A. Hollis, J. M. Lovas, F. J. Jewell, P. R. Snyder, L. E.	NASA/Goddard NASA/GSFC Nat'l Instit. of Standards and Technology NRAO-GB University of Illinois	P. R. Jewell	Confirmation Of Interstellar Methyltriacetylene (CH <sub>3</sub> C <sub>6</sub> H) Toward Tmc-1 [A. Remijan]	K	S	10 11 12 13	20.00
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	(28 30)	(8.00)
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]	8S	GB	18	3.50
GBT05C-031	Kepley, A. Wilcots, E. Robishaw, T. Heiles, C. E. Zweibel, E.	University of Wisconsin at Madison (Astronomy) University of Wisconsin University of California at Berkeley University of California University of Wisconsin at Madison (Astronomy)	A. Minter	Magnetic Fields in Dwarf Irregular Galaxies: NGC 4214 [A. Kepley]	CXL	P	14 16 17 18	29.75
GBT05C-034	Kameno, S. Nakai, N. Sawada-Satoh, S. Sato, N. Yoshikawa, Ryo	NAO Tsukuba University Academia Sinica Institute of Astronomy and Astrophysics Nobeyama Radio Observatory University of Tokyo	K. O'Neil	Water maser tomography through molecular torus of NGC 1052 [S. Kameno]	K	S	3 17 (27 29)	2.00 (2.00)
GBT05C-042	Ransom, S. Freire, P. Hessels, J. W. T. Begin, S. Stairs, I.	NRAO Arecibo Observatory McGill University University of British Columbia University of British Columbia	S. Ransom	Timing the Binary and Millisecond Pulsars in NGC6440 and NGC6441 [S. Ransom]	S8	GY	5 7 9 11 13 16 21 26	54.50

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GBT05C-043	Kanekar, N. Carilli, C. L. Stocke, J. T.	NRAO-AOC NRAO - Socorro University of Colorado	D.S. Balse	A blind GBT survey for redshifted molecular absorption [N. Kanekar]	Q	S	11 12 17 18 19 20 (27 28 29 30)	25.50 (6.00)
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	9	5.00
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	14 (28 30)	5.00 (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]	LS	S	1 2 3 4 5 6 7 8 9 10 15 16	21.00
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	[27 29]	[14.50]
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	2 3 10 13 20	20.50
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]	6	S	5 6 7	14.50
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	L	V	6	12.00

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GV017	Kanekar, N. Vermeulen, R. Chengalur, J. Ghosh, T.	NRAO-AOC Stichting ASTRON NCRA (TIFR) Arecibo Observatory		The physics of an OH megamaser at z # 0.25 [N. Kanekar]	L	V	3	14.00
Comm	NRAO staff			HF Comm	QB	DSP	1 3 4 5 7 8 11 17 (28 29 30)	49.50 (31.00)
Shutdown	NRAO staff			Thanksgiving Shutdown			23 24 25	36.00
Maint	NRAO staff			Install C band	C		10	3.50
Maint	NRAO staff			Install 800 MHz	8		14	2.00
Maint	NRAO staff			Maintenance			1 4 8 15 18 22 [29]	42.50 [8.50]
Maint	NRAO staff			Shutdn			23	1.00
Maint	NRAO staff			Start up			25	3.00
Setup	NRAO staff			Observation setup	K38CUSLXQ6 VSOGDCPBY		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 27 [27 28 29 30] (27 28 29 30)	43.25 [5.00] (6.00)
Tests	Minter			Astrid tests	L	DSP	19	1.50
Tests	NRAO staff			M&C Integ	L	DSP	8 9 10 16	13.50
Tests	Braatz			M&C Reg tests			14 15	12.50
Tests	Brandt			M&C Tests	L	DSP	16 17 19	7.25
Tests	NRAO staff			M&C tests			1 2	8.50
Tests	Minter			PCO 5C31	SL	SPD	2 11	3.00
Tests	Robishaw			Poln Tests	X	DSP	(26 27)	(10.50)
Tests	NRAO staff			RCO*3 350MHz	3	DSP	11	2.00

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Tests	NRAO staff			RCO*8 800 MHz	8	DSP	14	1.50
Tests	Robishaw			Script tests	X	DSP	[26 27]	[10.50]
Tests	Ghigo			VLBI tests	S	V	2	2.00
Total Hrs	Shutdown	36.00						
	Astronomy	438.50	66.50					
	Setup	49.25	5.00					
	Commissioning	80.50						
	Maintenance	52.00	8.50					
	Un-assigned							
	Tests	64.75						

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