

GBT Observing Schedule for September 2007

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
GBT05A-029	VandenBout, P. A. Solomon, P. Maddalena, R.	NRAO-CV SUNY at Stony Brook NRAO-Green Bank		Search for Cold Molecular Gas at High Redshift [P. A. VandenBout]	B	SD	(26 28 29)	(24.00)
GBT06A-026	Kanekar, N. Ellison, S.E. York, B	NRAO-AOC University of Victoria University of Victoria	Toney Minter	A search for 21cm absorption towards MgII absorbers in the redshift desert [N. Kanekar]	6	P	[14]	[5.00]
GBT06B-037	Weisberg, J. M. Johnston, S. Koribalski, B. Minter, A. Stanimirovic, S.	Carleton College Australia Telescope National Facility (ATNF) Australia Telescope National F NRAO - Green Bank Wisconsin	Toney Minter	Probing the Small-Scale Structure of Molecular Gas with Pulsar B1641-45 [J. M. Weisberg]	L	M	[1 2 3 4 5 6 7 8 9 10 11 12]	[18.00]
GBT07A-001	Bolatto, A. Darling, J.	University of California at Berkeley Colorado at Boulder, University of	Frank Ghigo	A Search for HI Absorbers in a Sample of Gravitationally Lensed Systems [A. Bolatto]	6	S	[15 17]	[7.00]
GBT07A-015	Mangum, J. G. Menten, K. M. Henkel, C. Darling, J.	NRAO Charlottesville Max-Planck-Institut Fur Radioa Max-Planck-Institut fur Radioa Colorado at Boulder, University of	Frank Ghigo	Formaldehyde Densitometry of External Galaxies [J. G. Mangum]	U	S	(25 26 27 28)	(12.00)
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	Larry Morgan	A GBT Legacy Survey of Prebiotic Molecules Toward SgrB2(N-LMH) and TMC-1 [J. M. Hollis]	XUKQ	S	(25 26 27 28 29)	(31.25)
GBT07A-060	Deneva, J. Cordes, J. M. Lazio, T.J.W.	Cornell University NAIC and Cornell University Naval Research Laboratory	Scott Ransom	S-band Drift Search for Transients and Pulsars in the Inner Galaxy [J. Deneva]	S	G	[1 2 3 4 5 6 13]	[17.25]
GBT07A-087	Demorest, P. Jacoby, B.A. Ferdman, R. Backer, D. C. Stairs, I. Nice, D. Lommen, A. Ransom, S. Bailes, M. Cognard, I	UC Berkeley (Physics) Naval Research Lab University of British Columbia University of California, Berkeley University of British Columbia Princeton University Franklin and Marshall College NRAO - CV Swinburne University of Technology CNRS-Orleans	Toney Minter	Detecting nHz Gravitational Radiation using a Pulsar Timing Array [P. Demorest]	8L	YR	[26 28 29]	[22.50]
GBT07A-089	Camilo, F. Ransom, S. Lorimer, D.	Columbia Astrophysics Laboratory NRAO - CV West Virginia University	Scott Ransom	PSR J1833-1034, the Very Young Pulsar in the SNR G21.5-0.9 [F. Camilo]	8	B	[1 2 3 4 5 6 7 8 9 10 12 13 26 28]	[14.00]
GBT07B-002	Campbell, B. Carter, L.	Smithsonian Institute Smithsonian Institution	Frank Ghigo	Radar Studies of the Moon's Geologic History and Resource Potential [B. Campbell]	S4	X	7 8 9 10 11	18.00

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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	Campbell, D. B. Ghent, R.	Cornell University Smithsonian Institution						
GBT07B-005	Montgomery, S. Burrows, D. Rombach, C. Birney, C.	Clarion University Of Pennsylvania Pennsylvania State University Clarion University of Pennsylvania Clarion University of Pennsylvania	Frank Ghigo	Location and Kinematics of Two Diffuse Clouds at High Galactic Latitude [S. Montgomery]	L	S	[19 21 22 24]	[18.00]
GBT07B-006	Camilo, F. Ransom, S. Halpern, J. P. Reynolds, J. E. Helfand, D. J.	Columbia Astrophysics Laboratory NRAO - CV Columbia University Australia Telescope National F Columbia University	Toney Minter	Studying the magnetar XTE J1810-197 [F. Camilo]	S	B	15 17 19 21 22 24 25 26 27 28 29 30 [1 2 3 4 5 6 7 8 9 10 11 12 13] (14 16 18 20 23)	9.00 [9.75] (3.75)
GBT07B-007	Kanekar, N. Ellison, S.E. Prochaska, J.	NRAO-AOC University of Victoria University of California	D.J. Pisano	A search for 21cm absorption in strong MgII absorbers in the redshift desert [N. Kanekar]	68	P	[15 17 18 20 25 27]	[28.00]
GBT07B-008	Kanekar, N. Ellison, S.E. York, B	NRAO-AOC University of Victoria University of Victoria	Frank Ghigo	The nature of damped Lyman-alpha systems, as traced by their spin temperatures [N. Kanekar]	34	P	[1 2 3 4 7 8 9 10 11 12]	[73.25]
GBT07B-010	Lorimer, D. McLaughlin, M. Camilo, F. Freire, P. Reynolds, S. P.	West Virginia University WVU Columbia Astrophysics Laboratory Arecibo Observatory North Carolina State Universit	Scott Ransom	A deep search for radio pulsations from the X-ray point source in SNR G15.9+0.2 [D. Lorimer]	S	S	[16 17 23 24]	[19.00]
GBT07B-011	Lorimer, D. Ransom, S. McLaughlin, M. Kondratiev, V. Stairs, I.	West Virginia University NRAO - CV WVU West Virginia University University of British Columbia	Toney Minter	A 350-MHz GBT search of the globular cluster M30 [D. Lorimer]	3	S	[2 3]	[8.00]
GBT07B-014	Burgay, M. Bandiera, R. Bocchino, F. Possenti, A.	Istituto Nazionale di Astrofisica Istituto Nazionale di Astrofisica Palermo, University of Istituto Nazionale di Astrofisica	Scott Ransom	A deep pulsar search in the candidate Pulsar Wind Nebula in DA 530 [M. Burgay]	S	G	[18 19 20 21]	[15.50]
GBT07B-018	Buyle, P. Ferrarese, L. Gentile, G. Ott, J.	Ghent, University of HIA New Mexico, University of National Radio Astronomy Observatory	Larry Morgan	Gas streams around the supermassive black hole in the Andromeda Galaxy [P. Buyle]	K	S	(15 17)	(12.00)
GBT07B-019	Matthews, L.D. Reid, M. J. Libert, Y. Le Bertre, T. Gerard, E.	CfA Center for Astrophysics Paris, Observatoire de Paris, Observatoire de Observatoire de Paris	Frank Ghigo	GBT HI Mapping of the Extended Circumstellar Envelope of X Her [L.D. Matthews]	L	S	[12 14 15 16 17 19 21 22 23 24]	[45.75]

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GBT07B-020	Stairs, I. Thorsett, S. Arzoumanian, Z.	University of British Columbia University of California, Santa Cruz NASA/GSFC	Scott Ransom	The Pulsar Triple System in M4 [I. Stairs]	L	B	[18 20]	[2.50]
GBT07B-023	Hughes, D. H. Wagg, J. Aretxaga, I. Yun, M. Wilson, G. Perera, T. Austerman, J. Gaztanaga, E. Lowenthal, J. D. Fazio, G. G. Appleton, P. N. Dunlop, J.S. Scott, K. Huang, J. Ivison, R. J. Smail, I. Stevens, J.A.	Instituto Nacional de Astrofisica [INAOE] NRAO - Soc Instituto Nacional de Astrofisica, Optica y Electr University of Massachusetts UMass UMass UMass Instituto Nacional de Astrofisica, Optica y Electr Smith College CfA IPAC Institute for Astronomy, University of Edinburgh UMass CfA Edinburgh, University of University of Durham University of Hertfordshire	D.J. Pisano	Tracing accelerated galaxy formation in a protocluster at z~3.8 [J. Wagg]	K	S	(18 19 20 21 22 24 25 26 27 28 29)	(59.00)
GBT07B-024	Cordiner, M. Millar, T. Ni Chuimin, R. Walsh, C.	Queen's University Belfast Queen's University Belfast The University of Manchester Queen's University Belfast	Paul Ruffle	A search for molecular anions in nearby PDRs [M. Cordiner]	K	S	(18 19 20 21 22 24)	(58.00)
GBT07B-025	Ransom, S. Stairs, I. Freire, P. Hessels, J. W. T.	NRAO - CV University of British Columbia Arecibo Observatory Universiteit van Amsterdam	Toney Minter	Continued Timing of the Millisecond Pulsars in M28, NGC6440 and NGC6441 [S. Ransom]	S	G	[22 24]	[17.00]
GBT07B-026	Darling, J. Wiklind, T. Zeiger, B.	Colorado at Boulder, University of Space Telescope Science Institute University of Colorado	D.J. Pisano	Formaldehyde Absorption in the Gravitational Lens PKS 1830-211 [J. Darling]	US	S	(19 21)	(12.50)
GBT07B-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.	Jodrell Bank University of British Columbia WVU University of British Columbia Columbia Astrophysics Laboratory Manchester, University of Australia Telescope Istituto Nazionale di Astrofisica Osservatorio di Cagliari Istituto Nazionale di Astrofisica Arecibo Observatory	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	L	GYB	[26 28]	[10.50]

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	Freire, P.							
GBT07B-031	Majewski, S.R. Claussen, M.J. Goss, W. M.	University of Virginia NRAO-SOC NRAO-SOC	Larry Morgan	Proper Motions of the Sagittarius Tidal Stream and the Shape of the Halo [M.J. Claussen]	K	S	(15 16 17 22 23)	(64.25)
GBT07B-032	Roberts, M. Ransom, S. Dougherty, S. M. Ray, P.S. Arzoumanian, Z. McSwain, G. Grundstrom, E.	Eureka Scientific, Inc. NRAO - CV DRAO Naval Research Lab NASA/GSFC Yale University Georgia State University	Toney Minter	A High Frequency Search for Pulsations from LSI+61 303 [M. Roberts]	XSC	G	[16 23]	[23.00]
GBT07B-034	Ferdman, R. Stairs, I. Kramer, M. McLaughlin, M. Faulkner, A. Backer, D. C. Demorest, P. Nice, D. Burgay, M. Camilo, F. D'Amico, N. Hobbs, G. Lorimer, D. Lyne, A. G. Manchester, D.R. N. Possenti, A.	University of British Columbia University of British Columbia Jodrell Bank WVU University of Manchester University of California, Berkeley UC Berkeley (Physics) Princeton University Istituto Nazionale di Astrofisica Columbia Astrophysics Laboratory Osservatorio di Cagliari Australia Telescope National Facility (ATNF) West Virginia University Manchester, University of Australia Telescope Istituto Nazionale di Astrofisica	Scott Ransom	Timing Binary and Millisecond Pulsars from the Parkes Multibeam Survey [R. Ferdman]	L	Y	[15 17 18 20]	[21.50]
GBT07B-037	Yusef-Zadeh, F. Braatz, J. A.	Northwestern University NRAO - CV	Jim Braatz	A Search for High Velocity Masers in the Galactic Center Molecular Ring [J. A. Braatz]	KQ	S	(18 20)	(10.00)
Maint	NRAO staff			Install 800 MHz	8	DSP	17	4.00
Maint	NRAO staff			Maintenance	46		5 13 [4 6 18 19 20 21 25 27]	17.00 [68.00]
Not Sched	NRAO staff						(15 16 18 19 20 21 22 23 24 25 26 27 28 29 30)	(92.50)
Tests	NRAO staff			M&CReg tests	LCXU	DSP	[25 26 27 28 29]	[30.00]
Tests	NRAO staff		Toney Minter	PCO 7A102	Q	DSP	(15 17)	(4.00)
Tests	NRAO staff			RCO Ka	B	DSP	(22 24)	(16.00)

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Tests	NRAO staff			RCO*4 450 MHz	4	DSP	5	2.00
Tests	NRAO staff			RCO*6 600 MHz	6	DSP	13	2.00
Tests	NRAO staff			RCO*8 800 MHz	8	DSP	17	2.00
Tests	NRAO staff			Track Checkout			(1 2 3 4 5 6 7 8 9 10 11 12 13 14)	(296.25)
Total Hrs	Astronomy Maintenance Un-assigned Tests	313.75 21.00 92.50 322.25	375.50 68.00					

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