GBT Observing Schedule for September 2006

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BU031	Ulvestad, J. Neff, S. G.	NRAO - Socorro GSFC		A Search for Young Supernovae in the Antennae Galaxies [J. Ulvestad]	S	V	16 30	10.00
GBT02A-054	Stairs, I. Lyne, A. G. Kramer, M. Athanasiadis, D.	University of British Columbia NRAL Jodrell Bank Nuffield Radio Astronomy Laboratories	Scott Ransom	High-resolution Studies of a Precessing Pulsar [I. Stairs]	L	BY	11	5.50
GBT04C-031	Kondratko, P.T. Greenhill, L. J. Moran, J. M. Lovell, J.E.J. Kuiper, T. B. H. Jauncey, D. L.	Harvard University CfA CfA ATNFc/o COSSA JPL ATNF	Jim Braatz	Monitoring of Five NGC4258-like Water Megamasers Discovered with the GBT and the DSN [P.T. Kondratko]	K	S	21 26	12.75
GBT05B-011	Minter, A.	NRAO - Green Bank	Toney 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	1 7 8	11.00
GBT05B-018	Kanekar, N. Chengalur, J. Ellison, S.E.	NRAO-AOC NCRA (TIFR) University of Victoria	Toney Minter	Do the fundamental constants change with time ? [N. Kanekar]	4	P	17	2.50
GBT05C-001	Campbell, B. Campbell, D. B. Carter, L.	Smithsonian Institute Cornell University Smithsonian Institution	Frank Ghigo	Radar Mapping of the Moon at 70-cm Wavelength Using Arecibo and the GBT [B. Campbell]	4	X	12 13	5.75
GBT05C-037	Kanekar, N. Carilli, C. L. Langston, G. I. Stocke, J. T. Menten, K. M. Rocha, G.	NRAO-AOC NRAO - Socorro NRAO-GB University of Colorado Max-Planck-Institut Fur Radioa University of Cambridge	Glen Langston	Measuring changes in fundamental constants with redshifted OH lines [N. Kanekar]	A	S	18 19 20 23 24 26 27 28 29 30	69.00
GBT05C-042	Ransom, S. Freire, P. Hessels, J. W. T. Begin, S. Stairs, I. Camilo, F. Kaspi, V.	NRAO - CV Arecibo Observatory Universiteit van Amsterdam University of British Columbia University of British Columbia Columbia Astrophysics Laboratory McGill University	Scott Ransom	Timing the Binary and Millisecond Pulsars in NGC6440 and NGC6441 [S. Ransom]	S8	GY	2 4	16.00
GBT05C-046	Stairs, I. Lorimer, D.	University of British Columbia West Virginia University	Scott Ransom	Timing of a Relativistic Binary and other Pulsars from the Arecibo PALFA Survey [I. Stairs]	L	YG	5	4.00
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 Colorado at Boulder, University of	Frank Ghigo	Search for 21cm Absorption toward Radio Loud, Extremely Optically Faint Sources [R. Jorgenson]	4	S	16 17	6.75

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GBT05C-065	Braatz, J. A. Gugliucci, N.	NRAO - CV University of Virginia	Jim Braatz	Measuring the Extragalactic Distance Scale: A Target of Opportunity [J. A. Braatz]	U	S	9	1.00
GBT06A-004	Reach, W. T. Palla, F. Riccardo, V. Morris, P.	IPAC, Caltech Osservatorio Astrofisico di Ar Arcetri IPAC/Caltech	Toney Minter	Water Masers from Protostars in IC 1396A [W. T. Reach]	K	S	27	3.00
GBT06A-030	Campbell, D. B. Campbell, B. Carter, L. Ghent, R. Margot, J.L. Stacy, N.	Cornell University Smithsonian Institute Smithsonian Institution Smithsonian Institution Cornell University Defence Science and Technology Organization, Australia	Frank Ghigo	Lunar surface studies via S-Band radar imagery and interferometry [D. B. Campbell]	S	X	14 15 16	7.75
GBT06A-040	McKinnon, M.	NRAO-SOC	Toney Minter	Spectroscopy of Bright, Northern Pulsars at 1.67 and 22.2 GHz [M. McKinnon]	L	MDSP	12 13 15	14.50
GBT06A-046	Langston, G. I. Turner, B.	NRAO-GB NRAO-CV	Glen Langston	A search for the Largest Interstellar Molecule, HC_13N [G. I. Langston]	XU	S	5 6 9 10 16 17	29.75
GBT06A-054	Demorest, P. Backer, D. C. Ferdman, R. Stairs, I. Nice, D. Jacoby, B.A. Bailes, M. Ord, S.	UC Berkeley (Physics) University of California, Berkeley University of British Columbia University of British Columbia Princeton University Naval Research Lab Swinburne University of Technology Swinburne University of Technology	Scott Ransom	Long-term Precision Timing of Millisecond Pulsars [P. Demorest]	L8	YR	1 3	14.50
GBT06A-068	Shirley, Y.L. Myers, P. C.	University of Arizona Center for Astrophysics	Toney Minter	The Kinematical and Chemical Structure of Pre-protostellar Cores [Y.L. Shirley]	K	S	20	6.00
GBT06A-070	Camilo, F. Ransom, S. Halpern, J. P. Helfand, D. J.	Columbia Astrophysics Laboratory NRAO - CV Columbia University Columbia University	Scott Ransom	A new radio transient [F. Camilo]	CUSX8	BGM	10	8.25
GBT06A-071	Camilo, F. Minter, A. Ransom, S. Zimmerman, N. Helfand, D. J. Halpern, J. P. Reynolds, J. E.	Columbia Astrophysics Laboratory NRAO - Green Bank NRAO - CV Columbia University Columbia University Columbia University Australia Telescope National F	Scott Ransom	Constraining the distance to the magnetar XTE J1810-197 via HI absorption [F. Camilo]	L	MG	1 2 3 4 24	18.00
GBT06A-072	Kaspi, V. Champion, David Hessels, J. W. T.	McGill University McGill University Universiteit van Amsterdam	Scott Ransom	ToO GBT Observations of AXP 4U 0142+61 [V. Kaspi]	S	G	10	3.25

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GBT06B-003	McKinnon, M.	NRAO-SOC	Toney Minter	A Search for Pulsed Maser Emission in PSR-SNR Associations at 1720 MHz [M. McKinnon]	L	M	13 14 16	17.75
GBT06B-015	Morgan, L. Urquhart, J. Thompson, M.	National Radio Astronomy Observatory (NRAO) University of Leeds The University Of Hertfordshire	Larry Morgan	NH3 and CCS Mapping of Triggered Star Formation Regions [L. Morgan]	K	S	20 21 22	12.50
GBT06B-018	Kramer, M. Stairs, I. McLaughlin, M. Ferdman, R. Camilo, F. Lyne, A. G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Freire, P.	Jodrell Bank University of British Columbia WVU University of British Columbia Columbia Astrophysics Laboratory NRAL 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	GBY	20	5.50
GBT06B-019	Minter, A.	NRAO - Green Bank	Toney Minter	Obtaining A Complete Sample Of Pulsar OH Absorption With The GBT [A. Minter]	L	M	3 13 15 30	10.25
GBT06B-024	Mangum, J. G. Di Francesco, J. Freed, K.	NRAO Charlottesville National Research Council Canada Metro State College of Denver	Frank Ghigo	CCS Chronometry of Dense Cores [J. G. Mangum]	K	S	7 21 25 26	28.25
GBT06B-026	Deneva, J. Cordes, J. M. Lazio, T. J. Bhat, R. Chatterjee, S. Ransom, S. Bower, G. C. Vlemmings, W. Demorest, P. Backer, D. C.	Cornell University NAIC and Cornell University Naval Research Laboratory Swinburne University Center for Astrophysics NRAO - CV UC Berkeley Jodrell UC Berkeley (Physics) University of California, Berkeley	Scott Ransom	Searching for Pulsars and Transient Sources in the Galactic Center [J. Deneva]	X	G	6	1.00
GBT06B-027	Bergin, E. A. Ragan, S.	Michigan at Ann Arbor, University of	Toney Minter	Ammonia in Massive Pre-stellar Cores [S. Ragan]	K	S	6 7 8 9 10 11 12 14 15 16	52.50
GBT06B-028	Stairs, I. Thorsett, S. Arzoumanian, Z.	University of British Columbia University of California, Santa Cruz NASA/GSFC	Scott Ransom	Timing the Planet Pulsar in M4 [I. Stairs]	L	BY	5	0.50
GBT06B-030	Martin, P.G. Boothroyd, A. Viero, M. Miville-Deschenes, M.	University of Toronto University of Toronto University of Toronto IAS Univ. Paris-Sud NRAO-GB	Jay Lockman	Characterizing Dust Evolution in Intermediate Velocity Clouds [P.G. Martin]	L	S	17 18	11.75

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	Lockman, F. J.							
GBT06B-032	Begin, S. Freire, P. Ransom, S. Stairs, I. Hessels, J. W. T. Kaspi, V. Camilo, F.	University of British Columbia Arecibo Observatory NRAO - CV University of British Columbia Universiteit van Amsterdam McGill University Columbia Astrophysics Laboratory	Scott Ransom	Timing of the Binary and Millisecond Pulsars in M28 [S. Begin]	S	G	8	3.50
GBT06B-033	Hessels, J. W. T. Ransom, S. Kaspi, V. Champion, David Roberts, M.	Universiteit van Amsterdam NRAO - CV McGill University McGill University Eureka Scientific, Inc.	Scott Ransom	Completing a 350-MHz Survey of the Galactic Plane for Pulsars and Transients [J. W. T. Hessels]	8	G	11	1.00
GBT06B-035	Kent, B. Giovanelli, R. Haynes, M. P. Lockman, F. J.	Cornell University Cornell University Cornell University NRAO-GB	Frank Ghigo	ALFALFA HI Clouds: Milky Way HVCs or Virgo Cluster Harassment Remnants? [B. Kent]	L	S	2	6.00
GBT06B-042	Kanekar, N. Ellison, S.E. York, B	NRAO-AOC University of Victoria University of Victoria	Larry Morgan	The nature of damped Lyman-alpha systems, as traced by their spin temperature. [N. Kanekar]	4	P	12	1.75
GBT06B-044	Ferdman, R. Stairs, I. Backer, D. C. Burgay, M. Camilo, F. D'Amico, N. Demorest, P. Faulkner, A. Hobbs, G. Kramer, M. Lorimer, D. Lyne, A. G. Manchester, D.R. N. McLaughlin, M. Nice, D. Possenti, A.	University of British Columbia University of British Columbia University of California, Berkeley Istituto Nazionale di Astrofisica Columbia Astrophysics Laboratory Osservatorio di Cagliari UC Berkeley (Physics) Jodrell Bank Observatory Australia Telescope National Facility (ATNF) Jodrell Bank West Virginia University NRAL Australia Telescope WVU Princeton University Istituto Nazionale di Astrofisica	Scott Ransom	Timing Binary and Millisecond Pulsars from the Parkes Multibeam Survey [R. Ferdman]	L	YGB	16 22	4.25
GBT06B-047	Schiminovich, D. Johnson, B. Basu-Zych, A. Hoopes, C. Heckman, T. M. Treyer, M.	Columbia University Columbia University Columbia University Johns Hopkins University John Hopkins	Toney Minter	HI Observations of Local analogs of Lyman Break Galaxies [D. Schiminovich]	LA	SP	23 25 27 29	38.75
GBT06B-054	Darling, J.	Colorado at Boulder, University of	Frank Ghigo	HI Absorption in a Radio-Loud Spiral Galaxy [J. Darling]	L	S	10	2.50

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	Hearty, Fred Stocke, J. T.	University of Colorado University of Colorado						
GBT06C-004	Remijan, A. McMahon, R. J. Widicus Weaver, S. McCall, B.	National Radio Astronomy Observatory Dept. of Chemistry, University of Wisconsin, Madison Illinois at Urbana-Champaign, University of University of Illinois	Larry Morgan	A Search for o-Benzyne (o-C6H4) and Phenyl (C6H5) toward CRL 618 [A. Remijan]	UK	S	4 9	14.50
GBT06C-016	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	Scott Ransom	Studying the magnetar XTE J1810-197 [F. Camilo]	S	BG	17	1.00
GBT06C-048	Kanekar, N. Ellison, S.E. Prochaska, J. York, B	NRAO-AOC University of Victoria University of California University of Victoria	Toney Minter	HI 21cm absorption in strong MgII and CI absorbers in the redshift desert [N. Kanekar]	8	P	1 2 3	22.00
GBT06C-049	Masters, K. Huchra, J. Crook, A. Macri, L. Jarrett, T.H.	Harvard-Smithsonian Center for Astrophysics Center for Astrophysics MIT National Optical Astronomy Observatory (NOAO) Caltech	Larry Morgan	Mapping Matter in the Nearby Universe with 2MASS [K. Masters]	L	S	5 11 17 18 28 29 30	30.25
GBT06C-051	Greenhill, L. J. Braatz, J. A. Henkel, C. Kuiper, T. B. H. Jauncey, D. L. Lovell, J.E.J. Madejski, G. M. Moran, J. M. Peck, A.B. Wilson, A. S.	CfA NRAO - CV Max-Planck-Institut fur Radioa JPL ATNF ATNFc/o COSSA Stanford SLAC CfA Center for Astrophysics University of Maryland	Jim Braatz	Monitoring 2 NGC4258-like Masers: Measurement of Distances / Constraint of LCDM [L. J. Greenhill]	K	S	4 9	9.25
GBT06C-053	Zwaan, M.A. Peroux, C. Liske, J. Murphy, M. T. Zych, B. Bouche, N. Curran, S.	European Southern Observatory (ESO) European Southern Observatory (ESO) European Southern Observatory (ESO) Cambridge, University of Cambridge, University of Max-Planck-Institut for extraterrestrische Physik	Toney Minter	A search for molecules in CaII absorbers [M.A. Zwaan]	A	P	20 22 28 29 30	10.00

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		University of New South Wales						
Comm	NRAO staff			HF Comm	PK	DSP	21 26	16.00
Calibratio	NRAO staff			SCAL	X	DSP	8	5.75
Maint	NRAO staff			Install 450 MHz	4		11	6.00
Maint	NRAO staff			Install PF2	A		18	4.50
Maint	NRAO staff			Maintenance			5 6 8 12 13 14 15 19 22 27 28	72.75
Setup	NRAO staff		Scott Ransom Jim Braatz Tone	Observation setup	KSL4A8XUC	DSPVBYXGMR	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	50.50
Tests	NRAO staff			M&C Integ			19 22 27	12.25
Tests	NRAO staff			M&C Reg Tests			24	7.00
Tests	NRAO staff			M&C Reg	K	DSP	25	6.50
Tests	NRAO staff			RCO*4 450MHz	4	DSP	11	2.25
Tests	NRAO staff			RCO*A PF2	A	DSP	18	2.50
Total Hrs	Astronomy Setup Commissioning Calibration Maintenance Un-assigned Tests	534.00 50.50 16.00 5.75 83.25 30.50						

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