

GBT Observing Schedule for October 2006

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
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	(3 5 7 9)	(35.50)
GBT05C-023	Camilo, F. Ransom, S. Gaensler, B.M. Slane, P.O. Lorimer, D. Manchester, D.R. N.	Columbia Astrophysics Laboratory NRAO - CV CfA CfA West Virginia University Australia Telescope	Scott Ransom	PSR J1833-1034, the Very Young Pulsar in the SNR G21.5-0.9 [F. Camilo]	8	GB	13	1.00
GBT05C-037	Kanekar, N. Carilli, C. L. Langston, G. I. Stoeke, 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	[2]	[7.00]
GBT05C-042	Ransom, S. Freire, P. Hessels, J. W. T. Begin, S. Stairs, I. Camilo, F. Kaspi, V.	NRAO - CV Arecibo Observatory McGill University 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]	S	GY	2	8.00
GBT06A-004	Reach, W. T. Palla, F. Riccardo, V. Morris, P.	IPAC, Caltech Osservatorio Astrofisico di Arcetri IPAC/Caltech	Toney Minter	Water Masers from Protostars in IC 1396A [W. T. Reach]	K	S	(3 4 5 6)	(7.00)
GBT06A-014	Tarchi, A. Henkel, C. Brunthaler, A. Braatz, J. A.	Istituto di Radioastronomia Max-Planck-Institut fur Radioa MPIfR NRAO - CV	Jim Braatz	H2O vs Continuum in the Megamaser 3C403: Reverberation Mapping of the Nucleus [J. A. Braatz]	K	S	(3 5)	(5.00)
GBT06A-053	Ransom, S. Hessels, J. W. T. Stairs, I. Freire, P. Kaspi, V. Camilo, F.	NRAO - CV McGill University University of British Columbia Arecibo Observatory McGill University Columbia Astrophysics Laboratory	Scott Ransom	Continued Timing of the Binary and Millisecond Pulsars in Terzan 5 [S. Ransom]	S	G	[7 9]	[17.00]
GBT06A-054	Demorest, P. Backer, D. C. Ferdman, R. Stairs, I.	UC Berkeley (Physics) University of California, Berkeley University of British Columbia University of British Columbia	Scott Ransom	Long-term Precision Timing of Millisecond Pulsars [P. Demorest]	L8	YR	1 [25 27 28 30] (3 5)	7.50 [32.00] (16.00)

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	Nice, D. Jacoby, B.A. Bailes, M. Ord, S.	Princeton University Naval Research Lab Swinburne University of Technology Swinburne University of Technology						
GBT06A-065	Friesen, R. Di Francesco, J. Johnstone, D. Shirley, Y.L.	Victoria, University of National Research Council Canada NRC-HIA University of Arizona	Toney Minter	Probing the initial conditions of star formation in Ophiuchus [R. Friesen]	K	S	(14 16 24 25 26 27 28 30)	(30.25)
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	(2)	(7.00)
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 Osservatorio di Cagliari Osservatorio di Cagliari Istituto Nazionale di Astrofisica Arecibo Observatory	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	8	GBY	[21 23]	[11.00]
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	[14 16]	[3.00]
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 McGill University McGill University Columbia Astrophysics Laboratory	Scott Ransom	Timing of the Binary and Millisecond Pulsars in M28 [S. Begin]	S	G	[14 16]	[9.00]
GBT06B-033	Hessels, J. W. T. Ransom, S. Kaspi, V. Champion, David Roberts, M.	McGill University 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	16	1.25
GBT06B-037	Weisberg, J. M. Johnston, S. Koribalski, B. Minter, A.	Carleton College Australia Telescope National Facility (ATNF) Australia Telescope National F	Toney Minter	Probing the Small-Scale Structure of Molecular Gas with Pulsar B1641-45 [J. M. Weisberg]	L	M	11 16 17 18 19	8.75

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	Stanimirovic, S.	NRAO - Green Bank UC Berkeley (Astronomy)						
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	[18 20]	[4.50]
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 Osservatorio di Cagliari	Scott Ransom	Timing Binary and Millisecond Pulsars from the Parkes Multibeam Survey [R. Ferdman]	L	YGB	15 23	13.00
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]	L	S	1	10.50
GBT06C-006	Vlemmings, W. Chapman, J. M.	Jodrell ATNF	Frank Ghigo	Searching for Water-Fountains [W. Vlemmings]	K	S	(14 16 17 19)	(16.00)
GBT06C-008	Srianand, R. Gupta, Neeraj Petitjean, P. Saikia, D. J. Boisse, P. Ledoux, C.	Inter-University Centre for As Tata Institute of Fundamental Research Institut d'Astrophysique Tata Institute of Fundamental Research Institut d'Astrophysique de Paris European Southern Observatory	Toney Minter	Search for 21-cm and OH absorption in the DLAs towards Q 0405-443 (CTS 247) [Neeraj Gupta]	4	P	[18 20]	[8.00]
GBT06C-011	Curran, S. Whiting, M. Longmore, S. Webb, J. Bignell, R.C.	University of New South Wales Australia Telescope National Facility University of New South Wales University of New South Wales NRAO - GB	Carl Bignell	A Pure Molecular Cloud at z~0.13? [S. Curran]	L	S	[20 21 22 23]	[16.00]

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GBT06C-012	Curran, S. Whiting, M. Webb, J. Bignell, R.C.	University of New South Wales Australia Telescope National Facility University of New South Wales NRAO - GB	Carl Bignell	A Wide-Band Search of the Source of the Obscuration of Reddened Quasars [S. Curran]	8L	S	[11 13 17 19]	[17.00]
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]	S8CX	BG	21 22 [28 30]	14.25 [3.00]
GBT06C-018	Stairs, I. Lorimer, D.	University of British Columbia West Virginia University	Scott Ransom	Continued timing of a highly relativistic binary pulsar system [D. Lorimer]	L	YG	4 6 8 [10 12]	25.50 [17.00]
GBT06C-021	Rosolowsky, E. Schnee, S. Arce, H.G. Caselli, P. Goodman, A. A. Johnstone, D. Kaufmann, J. Kirk, Helen Myers, P. C. Pineda, Jaime	Harvard-Smithsonian Center for Astrophysics Harvard-Smithsonian Center for Astrophysics Am. Museum of Natural History Harvard-Smithsonian Center for Astrophysics Center for Astrophysics NRC-HIA Max Planck Insituit fuer Radioastronomie University of Victoria Center for Astrophysics Harvard-Smithsonian Center for Astrophysics	Ron Maddalena	A COMPLETE Census of Dense Cores in Perseus [E. Rosolowsky]	K	S	(2 3 4 5 6 7 8 9 13 14 15 16 28 29 31)	(72.50)
GBT06C-023	Campbell, B. Campbell, D. B. Carter, L. Thompson, T. Ghent, R.	Smithsonian Institute Cornell University Smithsonian Institution JPL Smithsonian Institution	Frank Ghigo	High-Resolution Radar Studies of the Moon's Mega-Regolith [B. Campbell]	S4	X	16 17 18 19	12.75
GBT06C-027	Brisken, W.F. Macquart, J.P.	NRAO - SOC NRAO - Soc	Frank Ghigo	The impulse response of the universe [W.F. Brisken]	K	O	(28 30)	(12.50)
GBT06C-028	Matthews, B. Wootten, H. A. Bergin, E. A. Crapsi, A. Hogerheijde, H. Jorgensen, Jes	Herzberg Institute NRAO-CV Michigan at Ann Arbor, University of Leiden Observatory Leiden, University of Harvard-Smithsonian Center for Astrophysics	Ron Maddalena	The Kinetic Temperature of the Class 0 Source Barnard 1c [B. Matthews]	K	S	(17 18 19 20)	(14.00)
GBT06C-032	Martin, P.G. Lockman, F. J.	University of Toronto NRAO-GB	Jay Lockman	The Galactic foreground at the North Ecliptic Pole [P.G. Martin]	L	S	[3 4 5 6 7 8 9 10 11 12 13 14 15]	[211.50]

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	Bernard, J.P. Miville-Deschenes, M.	CESR, Toulouse IAS Univ. Paris-Sud					16 17 18 19 21 22 23 24 25 26	
GBT06C-035	Braatz, J. A. Condon, J. J. Greenhill, L. J. Henkel, C. Reid, M. J. Lo, F.K. Y. Hao, Lei	NRAO - CV NRAO-CV CfA Max-Planck-Institut fur Radioa Center for Astrophysics NRAO-CV Cornell Dept. of Astronomy	Jim Braatz	The Megamaser Cosmology Project: A Survey for H2O Maser Disks in SDSS AGNs [J. A. Braatz]	K	S	(4 6 8 14 15 16 18 19 21 22 23 24 26 28 29 30)	(61.00)
GBT06C-036	Cyganowski, C. Churchwell, E. B. Indebetouw, R. Watson, C. Whitney, B.	Wisconsin at Madison, University of University of Wisconsin University of Virginia Manchester College Space Science Institute	Toney Minter	Radio mapping of infrared interstellar bubbles [C. Cyganowski]	K	DS	(9 10 11 12 24 25 26 27 28 30)	(37.00)
GBT06C-037	Lada, C. J. Muench, A. Rathborne, J. Alves, J. Roman-Zuniga, Carlos	Smithsonian Astrophysical Obse Harvard-Smithsonian Center for Astrophysics Boston University Cala Alto Observatory Harvard-Smithsonian CfA	Frank Ghigo	Probing the Origin of Dense Cores and the Stellar IMF [C. J. Lada]	K	S	(7 9 10 11 12 13 18 24 25 26 27 29 31)	(40.00)
GBT06C-038	Lockman, F. J. Pidopryhora, Y.	NRAO-GB Ohio University	Jay Lockman	GBT Mapping of HI Clouds in the Disk-Halo Interface [F. J. Lockman]	L	S	[3]	[5.50]
GBT06C-039	Braatz, J. A. Condon, J. J. Greenhill, L. J. Henkel, C. Reid, M. J. Lo, F.K. Y.	NRAO - CV NRAO-CV CfA Max-Planck-Institut fur Radioa Center for Astrophysics NRAO-CV	Jim Braatz	The Megamaser Cosmology Project: Circumnuclear Disk Accelerations [J. A. Braatz]	K	S	(3 5 28 30)	(16.00)
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]	846	P	16 18 19 [3 5 11 13 14 15 16 25 27 31]	8.75 [34.75]
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	1 [2 3 4 5 6 7 8 9 10 11 12 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30]	5.50 [135.00]
GBT06C-051	Greenhill, L. J. Braatz, J. A. Henkel, C.	CfA NRAO - CV Max-Planck-Institut fur Radioa	Jim Braatz	Monitoring 2 NGC4258-like Masers: Measurement of Distances / Constraint of LCDM [L. J. Greenhill]	K	S	(8 14 15)	(13.00)

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	Kuiper, T. B. H. Jauncey, D. L. Lovell, J.E.J. Madejski, G. M. Moran, J. M. Peck, A.B. Wilson, A. S.	JPL ATNF ATNFC/o COSSA Stanford SLAC CfA Center for Astrophysics University of Maryland						
GBT06C-053	Zwaan, M.A. Perox, C. Liske, J. Murphy, M. T. Zych, B. Bouche, N. Curran, S.	European Southern Observatory (ESO) European Southern Observatory (ESO) European Southern Observatory (ESO) European Southern Observatory (ESO) Cambridge, University of Cambridge, University of Max-Planck-Institut for extraterrestrische Physik University of New South Wales	Toney Minter	A search for molecules in Call absorbers [M.A. Zwaan]	8	P	[11 13]	[14.00]
GBT06C-055	Zwaan, M.A. Perox, C. Liske, J. Murphy, M. T. Zych, B. Bouche, N. Curran, S.	European Southern Observatory (ESO) European Southern Observatory (ESO) European Southern Observatory (ESO) European Southern Observatory (ESO) Cambridge, University of Cambridge, University of Max-Planck-Institut for extraterrestrische Physik University of New South Wales	Larry Morgan	HI 21-cm absorption in MgII absorbers [M.A. Zwaan]	6	P	[31]	[7.00]
Comm	NRAO staff			HF Comm	QB	DSP	(4 6 10 12 17 19 21 23 24 25 26 27 31)	(103.50)
Maint	NRAO staff			Install PF1	8		2	5.50
Maint	NRAO staff			Install 450	4	DSP	17	4.75
Maint	NRAO staff			Maintenance	86		20 31 [3 5 24 26] (4 6 10 12 25 27)	17.00 [34.00] (35.50)
Maint	NRAO staff			Penn Array Backup			(11 13)	(16.00)
Not Sched	NRAO staff						(4 7 14 15 16 18 20 21 22 23 24 29 30)	(44.00)

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Setup	NRAO staff		Larry Morgan	Observation setup	L	S	1	0.50
Tests	NRAO staff			Pointing	X	DSP	(11 13)	(16.00)
Tests	NRAO staff			RCO*4 450	4	DSP	17	2.50
Tests	NRAO staff			RCO*6 600MHz	6	DSP	(31)	(1.50)
Tests	NRAO staff			RCO*8 800	8	DSP	20	2.00
Tests	NRAO staff			RCO*800	8	DSP	2	1.50
Tests	Minter			SP tests	S	PSD	20	1.00
Total Hrs	Astronomy Setup Commissioning Maintenance Un-assigned Tests	499.50 0.50 103.50 78.75 44.00 24.50	552.25 34.00					

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