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	(7 9)	(26.00)
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-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]	S	GY	2	8.00
GBT06A-014	Tarchi, A. Henkel, C. Brunthaler, A. Braatz, J. A.	Istituto Nazionale di Astrofisica 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	2.50
GBT06A-053	Ransom, S. Hessels, J. W. T. Stairs, I. Freire, P. Kaspi, V. Camilo, F.	NRAO - CV Universiteit van Amsterdam 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. 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 5 [25 27 28 30]	15.50 [32.00]
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)

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

* [ ] indicates secondary project; ( ) indicates primary project

Back Ends: 2=S2 recorder, B=BCPM, C=cGBPP, D=Digital Continuum Receiver, O-user supplied, P=Spectral Processor, S=Spectrometer, V=VLBA recorder

GBT Observing Schedule for October 2006

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
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 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]	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 Universiteit van Amsterdam 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.	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	16	1.25
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	11 16 17 18 19	8.75
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.	University of British Columbia University of British Columbia University of California, Berkeley Istituto Nazionale di Astrofisica	Scott Ransom	Timing Binary and Millisecond Pulsars from the Parkes Multibeam Survey [R. Ferdman]	L	YGB	15 23	13.00

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

* [ ] indicates secondary project; ( ) indicates primary project

Back Ends: 2=S2 recorder, B=BCPM, C=cGBPP, D=Digital Continuum Receiver, O-user supplied, P=Spectral Processor, S=Spectrometer, V=VLBA recorder

GBT Observing Schedule for October 2006

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
	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.	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						
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, N. 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) [N. 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]
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]	L8	S	22 [17 19]	4.00 [14.00]
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]

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

* [ ] indicates secondary project; ( ) indicates primary project

Back Ends: 2=S2 recorder, B=BCPM, C=cGBPP, D=Digital Continuum Receiver, O-user supplied, P=Spectral Processor, S=Spectrometer, V=VLBA recorder

GBT Observing Schedule for October 2006

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
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]	26.50 [19.00]
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 California Institute of Technology 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 (6 7 8 9 13 14 15 16 28 29 31)	5.50 (64.75)
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, J.	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)	(16.50)
GBT06C-032	Martin, P.G. Lockman, F. J. Bernard, J.P. Miville-Deschenes, M.	University of Toronto NRAO-GB CESR, Toulouse IAS Univ. Paris-Sud	Jay Lockman	The Galactic foreground at the North Ecliptic Pole [P.G. Martin]	L	S	3 4 5 6 15 22 [7 8 9 10 11 12 13 14 15 16 17 18 19 21 22 23 24 25 26 27 28 29 30]	29.50 [167.75]
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	(8 14 15 16 18 19 21 22 23 24 26 28 29 30)	(56.00)

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

* [ ] indicates secondary project; ( ) indicates primary project

Back Ends: 2=S2 recorder, B=BCPM, C=cGBPP, D=Digital Continuum Receiver, O-user supplied, P=Spectral Processor, S=Spectrometer, V=VLBA recorder

GBT Observing Schedule for October 2006

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
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-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	5 (28 30)	2.00 (12.00)
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	3 16 18 19 [11 13 14 15 16 25 27 31]	10.50 [33.75]
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 5 21 22 [6 7 8 9 10 11 12 14 15 16 17 18 19 20 23 24 25 26 27 28 29 30]	19.50 [111.25]
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	(8 14 15)	(13.00)
GBT06C-053	Zwaan, M.A. Peroux, C. Liske, J. Murphy, M. T. Zych, B. Bouche, N.	European Southern Observatory (ESO) European Southern Observatory (ESO) European Southern Observatory (ESO)	Toney Minter	A search for molecules in CaII absorbers [M.A. Zwaan]	8	P	[11 13]	[14.00]

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

* [ ] indicates secondary project; ( ) indicates primary project

Back Ends: 2=S2 recorder, B=BCPM, C=cGBPP, D=Digital Continuum Receiver, O-user supplied, P=Spectral Processor, S=Spectrometer, V=VLBA recorder

GBT Observing Schedule for October 2006

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
	Curran, S.	Cambridge, University of Cambridge, University of Max-Planck-Institut for extraterrestrische Physik University of New South Wales						
GBT06C-055	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 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	KQB	SDP	3 4 (10 12 17 19 21 23 24 25 26 27 31)	11.25 (88.00)
Maint	NRAO staff			Install 450	4	DSP	17	4.75
Maint	NRAO staff			Install PF1	8		2	5.50
Maint	NRAO staff			Maintenance	86		3 6 20 31 [24 26] (10 12 25 27)	29.50 [17.00] (27.50)
Maint	NRAO staff			Penn Array Backup			(11 13)	(16.00)
Not Sched	NRAO staff						(16 20 22 23 24 29 30)	(22.75)
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
Tests	Ransom		Jim Braatz	Spigot tests	S	G	6	2.50

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

* [ ] indicates secondary project; ( ) indicates primary project

Back Ends: 2=S2 recorder, B=BCPM, C=cGBPP, D=Digital Continuum Receiver, O-user supplied, P=Spectral Processor, S=Spectrometer, V=VLBA recorder

GBT Observing Schedule for October 2006

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
Total Hrs	Astronomy	516.00	470.25					
	Commissioning	99.25						
	Maintenance	83.25	17.00					
	Un-assigned	22.75						
	Tests	27.00						

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

* [ ] indicates secondary project; ( ) indicates primary project

Back Ends: 2=S2 recorder, B=BCPM, C=cGBPP, D=Digital Continuum Receiver, O-user supplied, P=Spectral Processor, S=Spectrometer, V=VLBA recorder