

# GBT Observing Schedule for August 2006

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BF088	Fish, V.L.	NRAO New Mexico Facilities		Multifrequency Hydroxyl Maser Observations of G11.90 0.14 [V.L. Fish]	L	V	29	4.50
BK127	Knudsen, K.K. Walter, F. Momjian, E. Carilli, C. L. Yun, M.	Max-Planck-Institute for Astronomy, Heidelberg MPIfA Arecibo Observatory (Puerto Rico) NRAO - Socorro University of Massachusetts		Resolving the AGN and the starburst in an intensely starforming quasar	L	V	13	7.00
BU031	Ulvestad, J. Neff, S. G.	NRAO - Socorro GSFC		A Search for Young Supernovae in the Antennae Galaxies [J. Ulvestad]	S	V	6	5.00
GBT02A-053	Heiles, C. E. Roshi, A.D. Robishaw, T. Fisher, R.	University of California Raman Research Institute University of California at Berkeley NRAO Green Bank Facility		Magnetic fields in Photodissociation regions from Zeeman splitting of Carbon Recombination Lines [C. E. Heiles]	LS	SP	7 12 13	11.50
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	31	0.50
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	7 8	7.00
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	8 9	4.00
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	7	3.00
GBT06A-013	Braatz, J. A. Lo, F.K. Y.	NRAO - CV NRAO-CV	Jim Braatz	Finding Signatures of a Maser Disk in a Quasar at z=0.66 [J. A. Braatz]	U	S	6	3.00
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	6 7	2.00
GBT06A-046	Langston, G. I. Turner, B.	NRAO-GB NRAO-CV	Glen Langston	A search for the Largest Interstellar Molecule, HC <sub>13</sub> N [G. I. Langston]	U	S	4	4.75

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

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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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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	9 10	7.50
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	4 5	15.25
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	15	4.25
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	31	3.00
GBT06A-072	Kaspi, V. Champion, David Hessels, J. W. T.	McGill University McGill University McGill University	Scott Ransom	ToO GBT Observations of AXP 4U 0142+61 [V. Kaspi]	S	G	12	3.00
GBT06B-009	Helmboldt, J.	New Mexico, University of	Larry Morgan	The Efficiency of the Star Formation Episodes That Lead to K+A Galaxies [J. Helmboldt]	L	S	14 16 20 [17 18 19]	19.75 [40.50]
GBT06B-011	Champion, David McLaughlin, M. Lorimer, D.	McGill University WVU West Virginia University	Scott Ransom	High precision timing a double neutron star system [David Champion]	3	G	25 26	12.00
GBT06B-012	Magnani, L. Douglas, K.A. Wennerstrom, E. Chastain, Raymond Onello, J.	University of Georgia University of California, Berkeley University of Georgia University of Georgia SUNY	Ron Maddalena	OH Observations of the Envelope of MBM 40 [L. Magnani]	L	S	1 2 3 4	12.00
GBT06B-013	Foster, Tyler Kerton, C.R.	NRC Iowa State Univ	Dana Balsler	CTB 102: The Largest HII Region in the Galaxy? [Tyler Foster]	C	S	2 3 4 15 17	25.75

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	Arvidsson, Kim	Iowa State University						
GBT06B-014	Freire, P. Ransom, S. Gupta, Y.	Arecibo Observatory NRAO - CV National Centre for Radio Astrophysics	Scott Ransom	Continued timing of the eccentric binary system in the globular cluster NGC 1851 [S. Ransom]	S	G	11	4.50
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 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	20	4.50
GBT06B-019	Minter, A.	NRAO - Green Bank	Toney Minter	Obtaining A Complete Sample Of Pulsar OH Absorption With The GBT [A. Minter]	L	M	20 26 [28 30]	10.00 [12.00]
GBT06B-020	O'Neil, K. Davies, J. Auld, R. Martin, B. Boselli, A. Bothun, G. D. Brosch, N. Brinks, E. Cantinells, Barbara Disney, M. J. de Blok, E. Gavazzi, G. Giovannelli, R. Haynes, M. P. Henning, T. Hoffman, G. L. Irwin, J. Karachentsev, I.D. Kilborn, V.A. Koribalski, B. Linder, S.M. Minchin, R.F. Momjian, E. Putman, M. Rosenberg, J.L. Sabatini, Sabina Schneider, S. E.	NRAO - GB Cardiff University University of Cardiff ESO Observatoire de Paris University of Oregon Tel Aviv University INAOE NAIC University College, Cardiff University of Cardiff Universita di Milano Cornell University Cornell University University of New Mexico Lafayette College Queen's University SAO Swinburne Univeristy of Technology Australia Telescope National F Cardiff NAIC Arecibo Observatory (Puerto Rico) University of Michigan Center for Astrophysics, Harvard Osservatorio Astronomico di Roma	Karen O'Neil	HI in Galaxies and Environments [K. O'Neil]	L	S	6 9 10	15.25

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	Spekkens, K. van Driel, W.	University of Massachusetts Cornell University DAEC, Observatoire de Meudon						
GBT06B-021	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	Frank Ghigo	Mapping Matter in the Nearby Universe with 2MASS [K. Masters]	L	S	1 4 5 6 8 10 11 16 17	35.50
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	(28 30)	(12.00)
GBT06B-025	McLaughlin, M. Lorimer, D. Kramer, M. Stairs, I. Lyne, A. G.	WVU West Virginia University Jodrell Bank University of British Columbia NRAL	Scott Ransom	Low Frequency Observations of RRAT Sources [M. McLaughlin]	3	YGB	24 25	10.50
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]	XC	G	6 12 13 14 23 24	16.00
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	1.25
GBT06B-030	Martin, P.G. Boothroyd, A. Viero, M. Miville-Deschenes, M. Lockman, F. J.	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	1 2 3	7.50
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 15	3.50

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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]	83	G	15 22 23 24 25 26 27 28 29 30 31	70.25
GBT06B-034	van Gorkom, J. H. Carollo, C. Lilly, S. J. Norberg, P	Columbia University  ETH	Frank Ghigo	Galaxy evolution in groups: HI properties of 80 2dfGRS-selected groups [J. H. van Gorkom]	L	S	11 12 13 14 15 18 19 20	34.25
GBT06B-040	Kanekar, N. Frail, D. A. Macquart, J.P. van Straten, W.	NRAO-AOC NRAO-SOC NRAO - Soc Astron	Scott Ransom	A Targeted High Frequency Search for Pulsars at the Galactic Center [N. Kanekar]	U	G	10 11	8.00
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	19 20 21	12.50
GBT06B-052	Yun, M. Tripp, T. York, D. Bowen, D. V.	University of Massachusetts University of Massachusetts University of Chicago Princeton University	Toney Minter	21cm HI Absorption and Emission in a Nearby Galaxy [M. Yun]	L	S	5 6	3.25
GBT06B-053	Yun, M. Borthakur, S. Verdes-Montenegro, L.	University of Massachusetts University of Massachusetts Istituto de Astrofisica de An	Toney Minter	Completing the GBT Survey of Cold Diffuse Intragroup Medium in HCGs [M. Yun]	L	S	26	3.00
GBT06C-010	Schulte-Ladbeck, R. E. Rosenberg, J.L. Koenig, B. Cherinka, B.	University of Pittsburgh Center for Astrophysics, Harvard University of Pittsburgh University of Pittsburgh	Toney Minter	The connection between galaxies and Damped Lyman Alpha systems [R. E. Schulte-Ladbeck]	L	S	27	8.00
Calibratio	Balsler			Calibration/Pointing	XUK	DSP	(17 18 19)	(41.50)

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Maint	NRAO staff			Maintenance	38		1 2 3 7 8 9 10 14 15 16 17 21 22 23 24 28 29 30 31	199.50
Not Sched	NRAO staff						(5)	(0.08)
Setup	NRAO staff		Scott Ransom Toney Minter Ji	Observation setup	LS8KUCX3	VSPGBYRM	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 29 31 [17 18 28 30] (28 30)	42.42 [2.00] (1.00)
Tests	Madalena			GO Tests			4	0.25
Tests	NRAO staff			Gen Tests	L	DSP	21 22	15.50
Tests	Heatherly			Governor's School	L	SDP	5 8	10.25
Tests	Morgan		Larry Morgan	PCO 6B15	K	S	12	3.50
Tests	Ford Weadon			PTCS Tests	LS	DSP	16	4.00
Tests	NRAO staff			RCO*3 340 MHz	3	DSP	21	1.50
Tests	NRAO staff			RCO*8 800 MHz	8	DSP	31	2.00
Tests	Brandt			Soft Tests			25 26 27	8.00
Total Hrs	Astronomy Setup Calibration Maintenance Un-assigned Tests	414.50 43.42 41.50 199.50 0.08 45.00	52.50 2.00					

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