

GBT Observing Schedule for July 2004

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
GBT01A-078	Stairs, I. Kaspi, V.	University of British Columbia McGill University		A 20 cm Search for Pulsars in Globular Clusters [I. Stairs]	L	SGB	6 7 8 9	21.00
GBT02A-046	Braatz, J. A. Henkel, C. Wilson, A. S.	NRAO Max-Planck-Institut fur Radioa University of Maryland		Monitoring a Maser Disk in Mrk 1419 [J. A. Braatz]	K	S	11	3.00
GBT02A-069	Fisher, R.	NRAO Green Bank Facility		Galaxy Survey of HI emission [R. Fisher]	L	SP	3 27	5.75
GBT03B-013	Yun, M. Schneider, S. E. Brinks, E. Bravo-Alfaro, H.	University of Massachusetts University of Massachusetts INAOE Universidad de Guanajuato, Mexico	G. I. Langston	An Unbiased HI Survey of the Coma Cluster and Beyond [M. Yun]	L	S	18	3.00
GBT03B-015	Ransom, S. Stairs, I. Kaspi, V. Hessels, J. W. T. Backer, D. C.	McGill University University of British Columbia McGill University McGill University University of California, Berkeley		Timing the Pulsars in the Globular Cluster M30 [S. Ransom]	LS	B	3	3.75
GBT03B-042	Dyer, K.	NRAO-SO	R. Maddalena	Continuum Reobservations of Galactic SNRs [K. Dyer]	LC	PS	26 31	5.00
GBT03C-031	Jacoby, B. Anderson, S. Kulkarni, S. R. Kaplan, D.L. Backer, D. C.	Caltech Astronomy Caltech Physics Caltech Caltech University of California, Berkeley	A. Minter	Timing the pulsars in M62, NGC 6544, and NGC 6624 and Search for Ultra-fast pulsars [B. Jacoby]	L8	BGS	20 21 22 23	21.00
GBT04A-003	Curran, S. Whiting, M. Webb, J. Murphy, M. T. Pihlstroem, Y Wiklind, T. Francis, P.	University of New South Wales University of New South Wales University of New South Wales University of New South Wales NRAO New Mexico Facilities Space Telescope Science Institute Australian National University		Highly Redshifted HI and OH Absorption in Red Quasars [S. Curran]	8	SP	15 17	12.50
GBT04A-029	Ransom, S. Camilo, F. Stairs, I. Kaspi, V. Kaplan, D.L.	McGill University Columbia Astrophysics Laboratory University of British Columbia McGill University Caltech		S-band Pulsar Observations of Terzan5 and Liller1 [S. Ransom]	S	G	17 18 19 20	19.00
GBT04A-030	Stairs, I. Thorsett, S. Arzoumanian, Z. Ferdman, R.	University of British Columbia University of California, Santa Cruz NASA/GSFC University of British Columbia		High-Precision Timing of Binary Pulsars at the GBT [I. Stairs]	L	PG	2	3.50

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

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GBT04A-035	Stairs, I. Faulkner, A. Kramer, M. Lyne, A. G. Manchester, D.R. N. Hobbs, G. Possenti, A. Lorimer, D. Kaplan, D.L. Camilo, F.	University of British Columbia Nuffield Radio Astronomy Laboratories NRAL NRAL Australia Telescope Australia Telescope National Facility (ATNF) Osservatorio di Cagliari University of Manchester Caltech Columbia Astrophysics Laboratory		Scintillation Velocities for Two Relativistic Binary Pulsars [I. Stairs]	LS	G	2 3	3.00
GBT04A-045	Roberts, M. Hessels, J. W. T. Ransom, S. Kaspi, V. Tam, C.R. Livingstone, M. Backer, D. C. Crawford, F. Kaplan, D.L.	McGill University (Physics Dept) McGill University McGill University McGill University McGill McGill University of California, Berkeley Haverford College Caltech		Timing of Three Binary Pulsars Discovered in a Survey of Mid-Latitude EGRET Error Boxes [M. Roberts]	L8	BG	12	3.00
GBT04A-046	Akos, D. Harrison, N.	Stanford University Stanford University		Global Positioning System Satellite Anomaly Investigation Using the Robert C. Byrd Green Bank Telescope [D. Akos]	L	O	15 16	12.00
GBT04A-047	Ransom, S. Kaspi, V. Kaplan, D.L. Roberts, M.	McGill University McGill University Caltech McGill University (Physics Dept)		A Search for Radio Pulsars around the Massive Black Hole at the Center of the Galaxy [S. Ransom]	C	G	16 17	8.00
GBT04B-001	Goldsmith, P. F. Li, D. Tang, Y.	Cornell University Harvard-Smithsonian Center for Astrophysics Cornell University		GBT Observations of Narrow HI Absorption as a Probe of Molecular Cloud Evolution [P. F. Goldsmith]	L	S	3 4 5	30.50
GBT04B-005	Robishaw, T. Heiles, C. E.	University of California at Berkeley University of California		Probing the Magnetic Field in M31 with the Zeeman Effect [T. Robishaw]	L	P	6 7 8 9 10 11 12 13 14	53.00
GBT04B-007	Law, C. Yusef-Zadeh, F. Maddalena, R. Cotton, B.W. D. Roberts, D.A.	Northwestern University Northwestern University NRAO-Green Bank NRAO-CV North Western University	R. Maddalena	A Study of the Galactic Center Lobe [C. Law]	C	P	26 27 31	4.00
GBT04B-011	Rickett, B. J. McLaughlin, M. Coles, W. A. Lyne, A. G.	UCSD University of Manchester University of California, San NRAL		Scintillation studies of the J0737-3039 binary system [B. J. Rickett]	SC	SG	16 17 18 23	13.50

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	Stairs, I. Camilo, F. Freire, Paulo	University of British Columbia Columbia Astrophysics Laboratory Arecibo Observatory						
GBT04B-018	Jacoby, B. Bailes, M. Ord, S. Kulkarni, S. R. Hotan, H. van Straten, Willem	Caltech Astronomy Swinburne University of Technology Swinburne University of Technology Caltech Swinburne University of Technology Astron		Precision Pulsar Timing [B. Jacoby]	L	2O	25 26 29 30 31	38.00
GBT04B-024	Yun, M. Kim, S. Heyer, M. Lowenthal, J. D.	University of Massachusetts University of Massachusetts University of Massachusetts Smith College		HI Survey of the Spitzer First Look Survey Galaxies [M. Yun]	L	S	18 19 20 22 23 24	30.25
GBT04B-026	Kramer, M. Stairs, I. Camilo, F. McLaughlin, M. Lorimer, D. Lyne, A. G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Freire, Paulo Joshi, B. Ferdman, R.	NRAL University of British Columbia Columbia Astrophysics Laboratory University of Manchester University of Manchester NRAL Australia Telescope Osservatorio di Cagliari Osservatorio di Cagliari Osservatorio di Bologna Arecibo Observatory National Centre for Radio Astrophysics (India) University of British Columbia		Timing the First Double Pulsar System [M. Kramer]	L8	OG	24	6.25
GBT04B-028	Ransom, S. Kaspi, V. Backer, D. C. Ramachandran, R. Demorest, P. Arons, J.	McGill University McGill University University of California, Berkeley UC Berkeley (Astronomy) UC Berkeley (Physics) UC Berkeley (Astronomy)		Multi-Epoch Multi-Frequency Scintillation Velocity Measurements of the Double-Pulsar Binary J0737-3039 [S. Ransom]	8L	BG	10 11 25	20.25
GBT04B-029	Stairs, I. Camilo, F. Kramer, M. Faulkner, A. McLaughlin, M. Lorimer, D. Lyne, A. G. Hobbs, G.	University of British Columbia Columbia Astrophysics Laboratory NRAL Nuffield Radio Astronomy Laboratories University of Manchester University of Manchester		Timing New Binary and Millisecond Pulsars from the Parkes Multibeam Survey [I. Stairs]	L	BCOG	1 2	9.00

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	Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Ferdman, R. Ramachandran, R. Backer, D. C. Demorest, P. Nice, D.	NRAL Australia Telescope National Facility (ATNF) Australia Telescope Osservatorio di Cagliari Osservatorio di Cagliari Osservatorio di Bologna University of British Columbia UC Berkeley (Astronomy) University of California, Berkeley UC Berkeley (Physics) Princeton University						
GBT04B-035	Camilo, F. McLaughlin, M. Lorimer, D. Stairs, I. Possenti, A. Kramer, M. Manchester, D.R. N. Joshi, B. Freire, Paulo Lyne, A. G. Burgay, M. D'Amico, N.	Columbia Astrophysics Laboratory University of Manchester University of Manchester University of British Columbia Osservatorio di Cagliari NRAL Australia Telescope National Centre for Radio Astrophysics (India) Arecibo Observatory NRAL Osservatorio di Bologna Osservatorio di Cagliari		Spectral and Temporal Studies of the Two Pulsars in the J0737-3039 System [F. Camilo]	3LSC	GBC	2 3 4 5	28.00
GBT04B-036	Demorest, P. Backer, D. C. Ferdman, R. Stairs, I. Nice, D. Ramachandran, R.	UC Berkeley (Physics) University of California, Berkeley University of British Columbia University of British Columbia Princeton University UC Berkeley (Astronomy)		Precision Timing of Binary and Millisecond Pulsars [P. Demorest]	L8	COG	27 28 29 30 31	33.00
Maint	NRAO staff			Maint	L		16	4.00
Maint	NRAO staff			Maintenance			1 6 7 8 9 12 13 14 15 19 20 21 22 26 27 28 29	204.00
Setup	NRAO staff			Observation setup	LKSC83	SGBPO2C	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 30 31	64.00
Tests	Ghigo			API tests	LSCUK	DSP	2 9 14 16 17 18 21	27.25

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Tests	Shelton Balser			API/PTCS tests	LCSKUQ	DSP	24 25	16.75
Tests	NRAO staff			CV Students	LCSKU	DSP	10 11	5.50
Tests	Constantikes			PTCS	LCSKUQ	DSP	1 23 25 28	21.00
Tests	Balser Shelton			PTCS/API	LCSKUQ	DSP	13	4.00
Tests	NRAO staff			RCO*3 340 MHz	3	DSP	2	2.00
Tests	NRAO staff			RCO*8 800 MHz	8	DSP	7	1.50
Tests	NRAO staff			Summer Students	LCSKU	DSP	5	4.75
Total Hrs	Astronomy Setup Maintenance Un-assigned Tests	389.25 64.00 208.00 82.75						

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