

# GBT Observing Schedule for June 2003

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BB169	Bartel, N. Bietenholz, M. F. Rupen, M. P.	York University York University NRAO - NM	G. I. Langston	SN 1986J - the search for a pulsar nebula For Grad Students [N. Bartel]	UX	V	21 22	24.00
GB046	Bartel, N. Rupen, M. P. Bietenholz, M. F. Beasley, A. Graham, D. Altunin, V. Venturi, T. Umana, G. Cannon, W. Conway, J. E.	York University NRAO - NM York University Caltech Owens Valley Radio Obs MPIfR JPL Istituto di Radioastronomia Istituto di Radioastronomia, C York University Onsala Space Observatory	F. D. Ghigo	SN1993J and the center of M81( two for one: Morphological and spectral evolution ) [N. Bartel]	C	V	1 2	9.75
GBT02A-014	Fisher, R. Tully, R.B.	NRAO Green Bank Facility Institute for Astronomy	R. Fisher	Squelched Galaxies and Dark Halos [R. Fisher]	L	SP	1	4.00
GBT02A-015	Fisher, R. Tully, R.B.	NRAO Green Bank Facility Institute for Astronomy		Comparison of SNIa and Luminosity-Linewidth Distance Scale Zero-points [R. Fisher]	L	SP	20 21	10.50
GBT02A-028	Braatz, J. A. Langston, G. I. McMullin, J. Garwood, R.	NRAO NRAO-GB NRAO-CV NRAO-CV	J. A. Braatz	Exploring the Radio Spectrum of Orion A and W51 [J. A. Braatz]	8LSCXU	S	27	8.00
GBT02A-038	Thilker, D. Braun, R. Walterbos, R. Corbelli, E. Lockman, F. J. Murphy, E. M.	Johns Hopkins University NFRA New Mexico State University Osservatorio Astrofisico Arcet NRAO-GB University of Virginia	F. J. Lockman	Probing the ultra-low NH environment and outer disks of M31 and M33 [D. Thilker]	L	S	14	2.00
GBT02A-069	Fisher, R.	NRAO Green Bank Facility		Galaxy Survey of HI emission [R. Fisher]	L	SP	[2]	[4.50]
GBT02B-006	Yusef-Zadeh, F. Roberts, D.A. Maddalena, R.	Northwestern University North Western University NRAO-Green Bank	R. Maddalena	A Survey of Supernova Remnant Masers at OH (1720, 1665/67 MHz) [F. Yusef-Zadeh]	L	S	22 23 24 28 29	24.00
GBT02C-019	Yusef-Zadeh, F. Cotton, W. D. Maddalena, R. Roberts, D.A. Law, Casey	Northwestern University NRAO-CV NRAO-Green Bank North Western University Northwestern University	R. Maddalena	A Multi-frequency Radio Continuum Observations of the Galactic Center Region [F. Yusef-Zadeh]	C	DP	24 25 26 27 28	28.00
GBT02C-023	Lockman, F. J.	NRAO-GB	F. J. Lockman	A Study of the HI Clouds in the Galactic Halo [F. J. Lockman]	L	SPD	1	7.75
GBT02C-034	Camilo, F. Stairs, I. Lorimer, D. Backer, D. C.	Columbia Astrophysics Laboratory University of British Columbia University of Manchester	G. I. Langston	Timing observations of the young pulsar in supernova remnant 3C58 [F. Camilo]	8L	B	20	4.00

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

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	Ransom, S.	University of California, Berkeley McGill University						
GBT02C-065	Braatz, J. A. Henkel, C. Wilson, A. S.	NRAO Max-Planck-Institut fur Radioa University of Maryland	J. A. Braatz	A Search for Cosmologically Interesting H2O Megamasers [J. A. Braatz]	K	S	(2)	(3.50)
GBT03A-002	Kardashev, N. S. Soglasnov, V. Kovalev, Jr., Y. Langston, G. I.	Lebedev Physical Institute Astro Space Center NRAO Green Bank Facility NRAO-GB	G. I. Langston	Search for extreme Faraday rotation in AGN [N. S. Kardashev]	LX	SPO	22	1.50
GBT03A-013	Hunter, D. A. Wilcots, E.	Lowell Observatory University of Wisconsin	G. I. Langston	The HI Edges of Irregular Galaxies [D. A. Hunter]	L	S	28 29	28.50
GBT03A-016	Stairs, I. Manchester, R. N. Lyne, A. G.	University of British Columbia Australia Telescope NRAL	G. I. Langston	The Physics of a Massive Pulsar System [I. Stairs]	L	BP	20 21	2.25
GBT03A-021	Ransom, S. Kaspi, V. Roberts, M. Backer, D. C.	McGill University McGill University McGill University (Physics Dept) University of California, Berkeley	G. I. Langston	A Search for Radio Pulsations from the Nearby Isolated Neutron Star RX J1856.5-3754 [S. Ransom]	3	B	18 19	6.00
GBT03B-007	Giovanelli, R. Magnani, L. Maddalena, R. Springob, C. Spekkens, K. Masters, K. Haynes, M. P.	Cornell University University of Georgia NRAO-Green Bank Cornell University Cornell University Cornell University Cornell University	R. Maddalena	A Drift Scan HI Survey of the Virgo Cluster Region and Its Foreground [R. Giovanelli]	L	S	2 3 4 6 7 8 9 10 11 12 13 14 15 16	83.00
GBT03B-009	Stairs, I. Backer, D. C. Rajagopalan, R.	University of British Columbia University of California, Berkeley UC Berkeley (Astronomy)	G. I. Langston	A Drift-scan Pulsar Survey [I. Stairs]	8	B	3 4 5 6 7 8 9 10 11	72.00
GBT03B-015	Ransom, S. Stairs, I. Kaspi, V. Hessels, J. Backer, D. C.	McGill University University of British Columbia McGill University McGill University University of California, Berkeley	G. I. Langston	Timing the Pulsars in the Globular Cluster M30 [S. Ransom]	L8S	B	17	5.00
GBT03B-023	Margot, J.L. Peale, S. Slade, M.	Caltech (Geo. and Planetary) Dept. of Physics, U. of Calif., Santa Barbara JPL	F. D. Ghigo	Measurements of Mercury spin dynamics to characterize interior properties [J.L. Margot]	X	O	1	2.25
GBT03B-034	Langston, G. I. Walter, F.	NRAO-GB NRAO New Mexico Facilities	G. I. Langston	Dwarf Galaxies and High Velocity Clouds [G. I. Langston]	L	PS	12 13 14 15 16	43.50
GBT03B-035	Camilo, F. Halpern, J. P. Gotthelf, E.V.	Columbia Astrophysics Laboratory Columbia University	G. I. Langston	Searching for the pulsar in the Crab-like SNR G74.9+1.2 [F. Camilo]	L	B	19 20	16.00

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	Lorimer, D.	University of Columbia University of Manchester						
Comm	Braatz			Methonal obs	U	SP	25	3.50
Comm	O'Neil			Obs & Spec checkout	LSCXU	DSP	18	6.25
Comm	O'Neil			SDS	LCS	DSP	21 22 23	10.00
Shutdown	NRAO staff			Un-assigned Shutdown			7	11.00
Maint	NRAO staff			Maintenance			2 3 4 5 6 9 10 11 12 13 16 17 18 19 23 24 25 26 30	184.00
Setup	NRAO staff			Observation setup	XL3SCU8K	VSPDBO	1 14 17 18 19 20 21 22 23 24 25 26 27 28 29 (2)	23.75 (1.00)
Tests	Brandt			Antenna Trajectory tests	L	D	13	3.00
Tests	Norrod			Baseline tests	LCSXUK	DSP	16 25 30	16.50
Tests	Shelton			FA Retro tests			5 6	6.00
Tests	Prestage			FA Trilat tests			19	2.25
Tests	Maddalena			Holog	H	DSP	24 26	8.00
Tests	Minter			M&C Reg tests	LCSUX	DSP	29 30	11.00
Tests	NRAO staff			M&C Software			12	1.50
Tests	Langston			MIT RFI tests	8	DSP	17 23	5.50
Tests	Prestage			PTCS tests	LCSUX	DSP	17 18 27	20.00
Tests	CLark			Software tests	L	DSP	5 14 19 24 26 27	21.25
Total Hrs	Shutdown	11.00						
	Astronomy	385.50	4.50					
	Setup	24.75						
	Commissioning	19.75						
	Maintenance	184.00						

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	Un-assigned Tests	95.00						

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