

GBT Observing Schedule for April 2003

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BB155	Ball, G. H. Moran, J. M. Greenhill, L. J.	Harvard-Smithsonian CfA CfA Harvard-Smithsonian	F. D. Ghigo	H2O Maser in M51 - Phased reference observations of M51 AGN [G. H. Ball]	K	V	11 12	14.00
BC132	Carilli, C. L. Petric, A.	NRAO Columbia University	F. D. Ghigo	Testing the AGN vs. AGN+starburst hypotheses in the highest redshift FIR luminous QSOs. [C. L. Carilli]	L	V	15 16 18 19	14.00
BP103	Perez-Torres, M. Mantovani, F. Marcaide, J. M. Guirado, J. C. Alberdi, A. Lara, L. Ros, E. Panagia, N. Shapiro, I. I. Sramek, R. A. Stockdale, C. Weiler, K. W. Van Dyk, S. Lundqvist, P.	Istituto di Radioastronomia Istituto di Radioastronomia Universitat de Valencia Universidad de Valencia Instituto de Astrofisica de An Instituto de Astrofisica de An MPIfR Space Telescope Science Instit Center for Astrophysics NRAO-SOC University of Oklahoma Naval Research Lab IPAC/Caltech Stockhom University	F. D. Ghigo	sn2001gd in NGC5033 [M. Perez-Torres]	X	V	7 8	8.00
GBT01A-014	Braatz, J. A. Greenhill, L. J.	NRAO Harvard-Smithsonian	J. A. Braatz	Detecting High-Velocity Masers to Reveal Nuclear Disks in Nearby AGNs [J. A. Braatz]	K	S	(1 3 8 28)	(25.00)
GBT02A-012	Minter, A. Balsler, D.	NRAO - Green Bank NRAO - Green Bank	D. Balsler	Probing HI Structure On Sub-A.U. - A.U. Scales: Hydrodynamical or MHD Turbulence? [A. Minter]	L	P	11	2.50
GBT02A-030	Nord, Michael Lazio, T. J. Kassim, N. E.	Naval Research Laboratory Naval Research Laboratory NRL	G. I. Langston	Imaging the Galactic Center at 330 MHz. [Michael Nord]	3	P	[29 30]	[16.00]
GBT02A-031	Lockman, F. J.	NRAO-GB	F. J. Lockman	Galactic HI Mapping of X-Ray, UV, and Optical Deep Fields [F. J. Lockman]	L	SP	[2 3 4 5 11 12 13 14 25 27 28 29 30]	[126.50]
GBT02A-046	Braatz, J. A. Henkel, C. Wilson, A. S.	NRAO Max-Planck-Institut fur Radioa University of Maryland	J. A. Braatz	Monitoring a Maser Disk in Mrk 1419 [J. A. Braatz]	K	S	(26 27 28)	(9.00)
GBT02A-062	Camilo, F. Halpern, J. P. Stairs, I. Backer, D. C. Arzoumanian, Z.	Columbia Astrophysics Laboratory Columbia University University of British Columbia University of California, Berkeley NASA/GSFC	A. Minter	Studying PSR J2229+6114: an Energetic Gamma-ray Emitting Young Pulsar [F. Camilo]	L	B	24	2.50
GBT02A-063	Claussen, M. J. Wootten, H. A. Marvel, K. Wilking, B. A.	NRAO-SOC NRAO-CV American Astronomical Society University of Missouri	G. I. Langston	Water Maser Monitoring of Low and Intermediate Mass Young Stellar Objects [M. J. Claussen]	K	S	(30)	(10.50)

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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GBT02A-069	Fisher, R.	NRAO Green Bank Facility	R. Fisher	Galaxy Survey of HI emission [R. Fisher]	L	SP	[9 10 11 16 18 19 26 27]	[39.50]
GBT02B-002	Curran, Steve Pihlstrom, Y Murphy, M. Webb, J.	University of New South Wales NRAO New Mexico Facilities University of New South Wales University of New South Wales	R. Maddalena	A search for highly redshifted molecular lines in damped Lyman-alpha absorbers (HCO) [Steve Curran]	K	S	(3 4 5 6 7)	(85.50)
GBT02B-003	Sahai, R. Claussen, M. J.	Jet Propulsion Laboratory NRAO-SOC	G. I. Langston	A Water Maser Survey in Planetary and Proto-planetary Nebulae (H2O) [R. Sahai]	K	S	(29)	(8.00)
GBT02B-010	Henkel, C. Braatz, J. A. Carilli, C. L. Lubowich, D. A. Millar, T.	Max-Planck-Institut fur Radioa NRAO NRAO American Institute of Physics UMIST	J. A. Braatz	The Kinetic Temperature of a Molecular Cloud at z=0.9 (NH3) [C. Henkel]	U	S	(24)	(5.50)
GBT02B-018	Braatz, J. A. Henkel, C. Greenhill, L. J. Moran, J. M. Wilson, A. S.	NRAO Max-Planck-Institut fur Radioa Harvard-Smithsonian CfA University of Maryland	J. A. Braatz	Using High-Velocity Masers to Trace AGN Accretion Disks (H2O) [J. A. Braatz]	K	S	(27)	(19.00)
GBT02B-019	Stairs, I. Ransom, S. Kaspi, V. Hessels, J. Backer, D. C. Lorimer, D.	University of British Columbia McGill University McGill University McGill University University of California, Berkeley University of Manchester	A. Minter	Timing of Newly Discovered Globular Cluster Pulsars [I. Stairs]	L8	B	26	8.00
GBT02B-021	Chandler, A. Jacoby, B. Anderson, Stuart Kulkarni, S. R. Prince, T. A. Backer, D. C.	Caltech Physics Caltech Astronomy Caltech Physics Caltech Caltech University of California, Berkeley	A. Minter	Timing the Six Millisecond Pulsars in M62 [B. Jacoby]	L	B	25	6.00
GBT02C-007	Dickey, J. M. Kavars, D. Lockman, F. J. Martin, P.G. McClure-Griffiths, N. Rothwell, T. Stil, Jeron Taylor, R.	University of Minnesota University of Minnesota NRAO-GB University of Toronto CSIRO University of Toronto University of Calgary University of Calgary	F. J. Lockman	A Quick GBT HI Survey of the Inner Galactic Plane [J. M. Dickey]	L	SPD	[13 14 28]	[12.00]
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	2 [3 15 26]	6.00 [18.50]
GBT02C-034	Camilo, F. Stairs, I.	Columbia Astrophysics Laboratory	A. Minter	Timing observations of the young pulsar in supernova remnant 3C58 [F. Camilo]	8L	B	24	4.00

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	Lorimer, D. Backer, D. C. Ransom, S.	University of British Columbia University of Manchester University of California, Berkeley McGill University						
GBT02C-061	Bourke, T. Myers, P. C. Tafalla, M. Wilner, D. Lee, C.W.	Center for Astrophysics Center for Astrophysics Observatorio Astronomica Nacional, Spain Center for Astrophysics Korea Astronomy Observatory	F. D. Ghigo	Discriminating models of infall-asymmetry in starless contracting cores (NH3) [T. Bourke]	K	S	(10 13 14 17 18 19)	(71.00)
GBT02C-062	Modjaz, M. Moran, J. M. Greenhill, L. J. Kondratko, P.T.	Harvard University CfA Harvard-Smithsonian Harvard University	F. D. Ghigo	Probing the Magnetic Field on Sub-Parsec Scales in the Accretion Disk of NGC 4258 (H2O Zeeman) [M. Modjaz]	K	S	(10 11 14 15)	(25.75)
GBT03A-001	Petrie, P. Turner, B. Dunbar, R. C.	Australian National University NRAO-CV Case Western Reserve University	G. I. Langston R. Maddalena	A Search For MgNC In Tmc [P Petrie]	K	SP	(9 11 12 25)	(33.50)
GBT03A-016	Stairs, I. Manchester, R. N. Lyne, A. G.	University of British Columbia Australia Telescope NRAL	A. Minter	The Physics of a Massive Pulsar System [I. Stairs]	L	BP	23	4.25
GBT03A-020	Martin, J. Hibbard, J. E. Hogg, D. E. O'Connell, R. W.	University of Virginia NRAO-CV NRAO-CV University of Virginia	K. O'Neil	HI in early type galaxies with Anomalous Light Profiles [J Martin]	L	SD	19 20 [5 6 7 19]	22.00 [40.50]
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 F. D. Ghigo	A Search for Radio Pulsations from the Nearby Isolated Neutron Star RX J1856.5-3754 [S. Ransom]	83	B	[4 5 13 14 17 18 19]	[49.00]
GBT03B-009	Stairs, I. Backer, D. C. Rajagopalan, R.	University of British Columbia University of California, Berkeley UC Berkeley (Astronomy)		A Drift-scan Pulsar Survey [I. Stairs]	8	B	[1]	[7.00]
GBT03B-040	O'Neil, K. Bothun, G. D.	NRAO - GB University of Oregon		A New Member of the Local Group? [K. O'Neil]	L	DSP	[26]	[5.00]
Comm	Langston			Obs checkout	LK	PS	[6 10]	[12.00]
Comm	Maddalena			Q band tests	Q	SD	(2 7 9)	(20.00)
Comm	O'Neil			Spectrometer checkouts	L	S	[7]	[5.50]
Comm	O'Neil			Spectrometer checkout	K	S	(25 26)	(15.00)
Maint	NRAO staff			Maintenance			1 2 3 7 8 9 10 14 15 16 17 21	162.50

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							22 23 24 28 29	
Setup	NRAO staff			Observation setup	KLXU8	VSPBD	2 7 11 15 18 19 23 24 25 26 [5 6] (1 3 8 9 10 11 12 13 14 17 18 19 24 25 26 27 28 29 30)	11.00 [2.00] (28.25)
Tests	Norrod			Baseline tests	L	DSP	[10 18]	[7.50]
Tests	Norrod			Baseline & RFI tests	L8	DSP	[25]	[5.00]
Tests	Minter			GO Tests	L	S	[9]	[3.50]
Tests	Minter			M&C Reg Tests	LCKS	DSP	16 17 22 23	18.75
Tests	Prestage			PTCS tests	CKXQU	DSP	15 17 18 20 21 22 (12 13 14 28 29 30)	37.50 (25.50)
Tests	Fisher Singhal			RFI Tests	L	P	1	6.50
Tests	NRAO staff			Software	LCK	DSP	17	4.00
Tests	O'Neil			Spectrometer checkouts	L	S	[8 9]	[14.50]
Tests	Ravichandra			Vibration tests	L8	P	[2 5 9]	[12.50]
Total Hrs	Astronomy	384.00		314.00				
	Setup	39.25		2.00				
	Commissioning	35.00		17.50				
	Maintenance	162.50						
	Un-assigned	7.00						
	Tests	92.25		4				

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