

# GBT Observing Schedule for May 2003

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BM186	Momjian, E. Romney, J. D. Carilli, C. L. Troland, T. H.	NRAO - NM NRAO-SOC NRAO University of Kentucky	G. I. Langston	OH Megamaser emission and low frequency continuum observations of IRAS 17208-0014 [E. Momjian]	L	V	24 25	10.00
BR085	Reid, M. J. Carilli, C. L. Menten, K. M. Wilner, D.	Center for Astrophysics NRAO Max-Planck-Institut Fur Radioa Center for Astrophysics	F. D. Ghigo	Measuring the Temperature of the Microwave Background Radiation Field at z = 0.9 [M. J. Reid]	UK	V	3 4	16.00
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	(6 7 14 15)	(20.00)
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	24 25 26 27 31	36.75
GBT02A-015	Fisher, R. Tully, R.B.	NRAO Green Bank Facility Institute for Astronomy	R. Fisher	Comparison of SNIa and Luminosity-Linewidth Distance Scale Zero-points [R. Fisher]	L	SP	9 10 11 12 16	33.50
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	[1]	[8.00]
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	[1 2 11]	[29.00]
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	(1)	(3.00)
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	(1)	(8.00)
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	F. D. Ghigo	Timing of Newly Discovered Globular Cluster Pulsars [I. Stairs]	L8	B	11	8.00
GBT02C-005	Liszt, H. Holdaway, M.	NRAO-CV NRAO-TUC	R. Maddalena	L-band continuum mapping of the galactic center [H. Liszt]	L	D	[2]	[8.00]
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	27	6.00

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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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]	3L	DP	5 6	13.00
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	12 13 26 30 31 [7]	27.00 [8.00]
GBT02C-033	Liszt, H. Gerin, M. Lucas, R.	NRAO-CV Ecole Normale Superieure IRAM (Grenoble)	R. Maddalena	Search for C4H absorption in diffuse clouds at 19 GHz [H. Liszt]	K	S	(2)	(19.00)
GBT02C-034	Camilo, F. Stairs, I. Lorimer, D. Backer, D. C. Ransom, S.	Columbia Astrophysics Laboratory University of British Columbia University of Manchester University of California, Berkeley McGill University	F. D. Ghigo	Timing observations of the young pulsar in supernova remnant 3C58 [F. Camilo]	8L	B	16	4.00
GBT02C-059	Wannier, P. G. Vastel, C. Brogan, C.L.	JPL Caltech Submillimeter Observatory NRAO New Mexico Facilities	F. D. Ghigo	HI spin temperature determination towards W49N and W31C [P. G. Wannier]	L	S	16	6.75
GBT02C-063	Fuller, G. A. Edris, K. Cohen, J.	UMIST UMIST Nuffield Radio Astronomy Labor	F. D. Ghigo	A Search for OH Maser Emission from High Mass Protostellar Objects [G. A. Fuller]	L	S	17 18 19 20 21 22	56.00
GBT03A-001	Petrie, P Turner, B. Dunbar, R. C.	Australian National University NRAO-CV Case Western Reserve University	G. I. Langston	A Search For MgNC In Tmc [P Petrie]	K	SP	(3 4)	(16.00)
GBT03A-016	Stairs, I. Manchester, R. N. Lyne, A. G.	University of British Columbia Australia Telescope NRAL	F. D. Ghigo	The Physics of a Massive Pulsar System [I. Stairs]	L	BP	15	2.25
GBT03A-019	Swift, J Welch, W. J. Di Francesco, J.	UC Berkeley (Astronomy) University of California National Research Council Canada	G. I. Langston	Possible Pre-stellar Core in L1551 [J Swift]	K	S	(9 10 11)	(24.00)
GBT03A-023	Stairs, I. Thorsett, S. Arzoumanian, Z.	University of British Columbia University of California, Santa Cruz NASA/GSFC	F. D. Ghigo	Timing Binary Pulsars at the GBT [I. Stairs]	L	P	13 14	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	27	2.25

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GBT03B-037	Ransom, S. Ray, P.S. Kaspi, V. Dib, R.	McGill University Naval Research Lab McGill University	A. Minter	XTE J1807-294 Target of Opportunity [S. Ransom]	S	B	29	8.00
GBT03B-038	Beaulieu, S. Freeman, K. Lockman, F. J.	Universite Laval Australian National University NRAO-GB	F. J. Lockman	Observations of HI in Two Dwarf Spheroidal Galaxies [S. Beaulieu]	L	P	12	1.00
GBT03B-039	Magnani, L.	University of Georgia	R. Maddalena	HI emission from region around Molecular Cloud MBM40 [L. Magnani]	L	P	22 23	5.50
GP036	Paragi, Z. Wardle, J. F. C. Homan, D. Vermeulen, R. Schilizzi, R. T. Fejes, I. Spencer, R. E. Stirling, A.	FOMI Satellite Geodetic Observ Brandeis University NRAO - CV Stichting ASTRON JIVE Geodetic Observatory NRAL NRAL	F. D. Ghigo	Testing the low-energy content of SS433 jets: CP observations at 1.6 GHz using a global VLBI array [Z. Paragi]	L	V	29 30	10.50
Comm	Maddalena			Holography	SUXC	DSP	2 3 17 18 19 31	30.25
Comm	Ghigo			Obs checkout	KLCSUX	SPD	3 4 5 8 12 16 17 18 25 (1 2)	41.75 (4.00)
Comm	O'Neil			Spectrometer checkout	XCSLU	SPD	8 9 23 24 26 30	59.00
Maint	NRAO staff			Maintenance			1 5 6 7 8 12 13 14 15 19 20 21 22 27 28 29	133.50
Setup	NRAO staff			Observation setup	KLU83XS	SVPBDO	3 4 5 6 9 10 11 12 13 15 16 17 18 19 20 21 22 24 25 26 27 28 29 30 31 (1 2 3 4 6 9 10 11 14 15)	36.75 (10.00)
Tests	Norrod Fisher Balsler			Baseline tests	LCSK	DSP	5 15 22	19.00
Tests	Madalena			Holography	U	DSP	7	7.50
Tests	NRAO staff			PTCS tests	LSCXU	DSP	13 14 20 21 27 28 29	48.75
Tests	Minter			Regression tests	LSCXU	DSP	28	6.50

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Tests	Brandt			Spectrometer tests		S	[3 4]	[18.00]
Total Hrs	Astronomy	341.50	53.00					
	Setup	46.75						
	Commissioning	135.00						
	Maintenance	133.50						
	Un-assigned	5.50						
	Tests	81.75	18.00					

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