

# GBT Observing Schedule for November 2003

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BG141	Greenhill, L. J. Braatz, J. A.	Harvard-Smithsonian NRAO	F. D. Ghigo	Does the Water Maser in NGC1386 Trace an Accretion Disk? [L. J. Greenhill]	K	V	1 2	5.50
BU027	Ulvestad, J. Neff, S. G. Teng, S.	NRAO GSFC University of Maryland	G. I. Langston	Monitoring Young Supernovae in Arp 299 [J. Ulvestad]	SX	V	29	10.00
GBT02A-031	Lockman, F. J.	NRAO-GB		Galactic HI Mapping of X-Ray, UV, and Optical Deep Fields [F. J. Lockman]	L	SP	[2 3]	[9.00]
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	(12 15)	(6.00)
GBT02A-063	Claussen, M. J. Wootten, H. A. Marvel, K. Wilking, B. A.	NRAO-SOC NRAO-CV American Astronomical Society University of Missouri	R. Maddalena A. Minter	Water Maser Monitoring of Low and Intermediate Mass Young Stellar Objects [M. J. Claussen]	K	S	(4 5 6 9 14 17 18 24)	(19.00)
GBT02A-069	Fisher, R.	NRAO Green Bank Facility		Galaxy Survey of HI emission [R. Fisher]	L	SP	1 26 [2 3]	4.50 [5.00]
GBT02C-020	Henkel, C. Balsler, D. Desmurs, J. F. Braatz, J. A.	Max-Planck-Institut fur Radioa NRAO - Green Bank Observatorio Astronomico Nacio NRAO	J. A. Braatz	A 6 GHz Survey of Extra-galactic OH Megamasers [C. Henkel]	C	S	[3 8 16]	[31.00]
GBT02C-045	Kondratko, P.T. Greenhill, L. J. Moran, J. M.	Harvard University Harvard-Smithsonian CfA	J. A. Braatz A. Minter K. O'	Probing the AGN Environment in Moderate Velocity Active Galactic Nuclei (H2O) [P.T. Kondratko]	K	S	(2 3 7 8 12 14 15 16)	(87.00)
GBT02C-048	Kondratko, P.T. Greenhill, L. J. Moran, J. M. Herrnstein, J. Garcia Miro, Cristina	Harvard University Harvard-Smithsonian CfA Renaissance Technology Madrid Deep Space Communication Complex, Spain	A. Minter K. O'Neil	A Search for Very-High-Redshift Water Maser Emission [P.T. Kondratko]	CXU	S	(9 10 13 16 17 19 20)	(44.50)
GBT02C-058	Stairs, I. Xilouris, K. Kramer, M. Backer, D. C. Cognard, I	University of British Columbia University of Virginia NRAL University of California, Berkeley CNRS-Orleans	F. D. Ghigo	Characterizing the Polarization Changes in an Intermediate-Mass Pulsar [I. Stairs]	8L	BC	15 18 21 23 25 28 30	26.25
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	1 (2 4)	3.00 (15.00)
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	Y. Kovalev Jr.	Search for extreme Faraday rotation in AGN [N. S. Kardashev]	LX	SPO	22	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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GBT03A-014	Lockman, F. J.	NRAO-GB		Halo HI Clouds: Distribution and Properties [F. J. Lockman]	L	PD	[2]	[10.00]
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	28	3.00
GBT03A-023	Stairs, I. Thorsett, S. Arzoumanian, Z.	University of British Columbia University of California, Santa Cruz NASA/GSFC		Timing Binary Pulsars at the GBT [I. Stairs]	L	P	[21 24]	[10.50]
GBT03A-024	Cordes, J. M. Bhat, R. McLaughlin, M.	NAIC and Cornell University MIT Haystack Observatory University of Manchester	K. O'Neil	Dual Station Observations Aimed at Developing RFI Mitigation Procedures [J. M. Cordes]	4L	S	3 4 5	15.00
GBT03B-001	Eisner, J.A. Greenhill, L. J. Claussen, M. J.	Caltech Astronomy Harvard-Smithsonian NRAO-SOC	J. A. Braatz	Water Masers Around Herbig Ae/Be Stars [J.A. Eisner]	K	S	(13 14 17 18)	(23.25)
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	[20 24]	[8.00]
GBT03B-026	Roberts, M. Hessels, J. W. T. Ransom, S. Kaspi, V. Tam, R. Livingstone, Maggie Backer, D. C. Crawford, F.	McGill University (Physics Dept) McGill University McGill University McGill University McGill McGill University of California, Berkeley Haverford College	F. D. Ghigo	Timing of a Millisecond Pulsar Discovered in a Survey of Mid-Latitude EGRET Error Boxes [M. Roberts]	L8	B	23	1.00
GBT03B-030	Benjamin, R. Lockman, F. J.	University of Wisconsin at Madison (Physics) NRAO-GB	F. J. Lockman	High Velocity Clouds Interacting with the Milky Way? [R. Benjamin]	L	P	[18 19 22 23 24 25 26 29 30]	[73.25]
GBT03C-023	Li, D. Goldsmith, P. F. Troland, T. H. Heiles, C. E.	Harvard-Smithsonian Center for Astrophysics Cornell University University of Kentucky University of California	G. I. Langston	HI Narrow Self-Absorption: A New Tracer for Measuring The Magnetic Field in Dense Molecular Clouds [D. Li]	L	S	29 30	10.75
GBT03C-031	Jacoby, B. Anderson, Stuart Kulkarni, S. R. Kaplan, D. Backer, D. C.	Caltech Astronomy Caltech Physics Caltech Caltech University of California, Berkeley	K. O'Neil	Timing the pulsars in M62, NGC 6544, and NGC 6624 and Search for Ultra-fast pulsars [B. Jacoby]	L8	BS	22	7.00

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GD017	Diamond, P. J. Lonsdale, C. J. Lonsdale, C. J. Smith, H. E.	MERLIN/VLBI National Facility Haystack Observatory Caltech IPAC University of California, San	G. I. Langston	Monitoring the evolution of the compact emission of Arp220 [P. J. Diamond]	L	V	9	13.25
GT005	Taylor, G.B.	NRAO - Socorro	F. D. Ghigo	Late Time Observations of GRB 030329 [G.B. Taylor]	X	V	1	6.00
Shutdown	NRAO staff			Thanksgiving Shutdown			26 27 28	36.00
Maint	NRAO staff			Maintenance			4 5 6 11 12 13 18 19 20 25 26	95.75
Maint	NRAO staff			Shutdown preparation			26	1.00
Maint	NRAO staff			System startup			28	3.00
Not Sched	NRAO staff						23 (6 8 9 19 21 22 23 24 28 29 30)	3.00 (77.75)
Setup	NRAO staff			Observation setup	KSXLCU84	VSPBCO	1 3 4 5 9 15 18 21 22 23 25 28 29 30 [2 3 8 16 18 20 21 22 24 25 29 30] (2 4 5 6 7 8 9 12 13 14 15 16 17 18 19)	22.00 [16.50] (24.00)
Tests	Maddalena			PCO 2B16	K	S	(14 17 18)	(13.75)
Tests	Maddalena			PCO 2B5	X	S	1	6.00
Tests	Ghigo			PCO 2C38	4L	S	1	3.00
Tests	Minter			PCO*4 3C8	4L	S	5 [4]	5.25 [5.00]
Tests	Langston			PCO*8 2C2	8	S	[6 7 10 11]	[10.00]
Tests	Minter			PCO*8 3C8	8L	S	[7 10]	[8.00]
Tests	NRAO staff			PTCS Holography	H	DS	(15 16 25 26)	(18.25)
Tests	Prestage			PTCS Tests	CXLUK	DSP	[4 5 6 7 10 13 14 17 18] (6 7 10 11 20)	[63.00] (96.25)

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							21 24 25)	
Tests	Prestage			PTCS If Tests	CX	DSP	[14 15 17]	[26.00]
Tests	Minter			Regression Tests	LCUXK	DSP	11 12	11.25
Total Hrs	Shutdown	36.00						
	Astronomy	304.00	146.75					
	Setup	46.00	16.50					
	Maintenance	99.75						
	Un-assigned	80.75						
	Tests	153.75	112.00					

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