GBT Observing Schedule for December 2003

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BU027	Ulvestad, J. Neff, S. G. Teng, S.	NRAO GSFC University of Maryland		Monitoring Young Supernovae in Arp 299 [J. Ulvestad]	SX	V	29	10.00
GBT01A-061	Lane, W. Briggs, F. H. Chengalur, J. Kanekar, N. Kassim, N. E.	Naval Research Lab ANU NCRA (TIFR) Kapteyn Astronomical Institute NRL	G. I. Langston	A blind search for redshifted HI 21cm Absorption [W. Lane]	8	SP	15 16	14.00
GBT02A-025	Hollis, J. M. Jewell, P. R. Lovas, F. J. Mollendal, H.	NASA/GSFC NRAO-GB National Institute of Standards and Technology University of Oslo, Dept. of Chemistry, Oslo, Norw		A Search for the Next Interstellar Aldehyde Sugar: Glyceraldehyde [J. M. Hollis]	UK	S	(28)	(10.00)
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	(15 18)	(9.75)
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	F. D. Ghigo	Studying PSR J2229+6114: an Energetic Gamma-ray Emitting Young Pulsar [F. Camilo]	L6	B	2 3	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	R. Maddalena A. Minter	Water Maser Monitoring of Low and Intermediate Mass Young Stellar Objects [M. J. Claussen]	K	S	13 14 (28 31)	4.50 (8.00)
GBT02A-065	Greenhill, L. J. Kondratko, P.T. Braatz, J. A. Moran, J. M.	Harvard-Smithsonian Harvard University NRAO CfA	K. O'Neil J. A. Braatz	Detection of AGN in Apparently "Normal" Galaxies [L. J. Greenhill]	K	S	9 10 (13 14 19 20 21 22)	14.25 (61.50)
GBT02A-069	Fisher, R.	NRAO Green Bank Facility		Galaxy Survey of HI emission [R. Fisher]	L	SP	10 11	4.25
GBT02C-020	Henkel, C. Balser, 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	4 5 6	19.50
GBT02C-045	Kondratko, P.T. Greenhill, L. J. Moran, J. M.	Harvard University Harvard-Smithsonian CfA	K. O'Neil	Probing the AGN Environment in Moderate Velocity Active Galactic Nuclei (H2O) [P.T. Kondratko]	K	S	7 (14)	10.00 (3.00)
GBT02C-048	Kondratko, P.T. Greenhill, L. J. Moran, J. M.	Harvard University Harvard-Smithsonian CfA	K. O'Neil	A Search for Very-High-Redshift Water Maser Emission [P.T. Kondratko]	CXU	S	6 7 8 12 13 (14)	33.75 (8.00)

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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

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	Herrnstein, J. Garcia Miro, C.	Renaissance Technology Madrid Deep Space Communication Complex, Spain						
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	[21]	[1.25]
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	(17)	(4.50)
GBT03A-015	Lane, W. Kanekar, N. Ellison, S.E. Chengalur, J.	Naval Research Lab Kapteyn Astronomical Institute European Southern Observatory NCRA (TIFR)	G. I. Langston	A Search for 21cm Absorption in High Redshift Damped Lyman-Alpha Absorbers [W. Lane]	8	P	[15 18]	[9.75]
GBT03A-016	Stairs, I. Manchester, D.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	[19 22]	[4.50]
GBT03A-025	Becker, W Lorimer, D. McLaughlin, M. Kramer, M. Camilo, F. Arzoumanian, Z. Weisskopf, M. Kanbach, G.	Max Planck Institut fuer extraterrestrische Physik University of Manchester University of Manchester NRAL Columbia Astrophysics Laboratory NASA/GSFC Marshall Space Flight Center Max Planck Institut fuer extraterrestrische Physik	G. I. Langston	A GBT search for the young neutron star in Gamma Cygni [W Becker]	8	BDS	27	18.00
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	G. I. Langston	Timing the Pulsars in the Globular Cluster M30 [S. Ransom]	LS	B	[19 22]	[8.00]
GBT03B-016	Walsh, A. Myers, P. C. Zhang, Q. Di Francesco, J. Bourke, T. Wilner, D.	Harvard-Smithsonian Center for Astrophysics Center for Astrophysics Harvard-Smithsonian Center for Astrophysics National Research Council Canada Center for Astrophysics Center for Astrophysics	K. O'Neil	A Complete Picture of Cluster Formation in NGC 1333 [A. Walsh]	K	S	(16 17 18 20 21 23 24)	(33.75)

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GBT03B-026	Roberts, M. Hessels, J. W. T. Ransom, S. Kaspi, V. Tam, C.R. Livingstone, M. Backer, D. C. Crawford, F.	McGill University (Physics Dept) McGill University McGill University McGill University McGill McGill University of California, Berkeley Haverford College		Timing of a Millisecond Pulsar Discovered in a Survey of Mid-Latitude EGRET Error Boxes [M. Roberts]	L8	B	14	1.00
GBT03C-009	Darling, J.	Carnegie Institution of Washington (Headquartes)	K. O'Neil A. Minter	A Direct Measurement of Fine Structure "Constant" Evolution from OH and HI Absorption Lines [J. Darling]	L8	S	15 [13 14 16 17 18 19 20]	1.25 [82.75]
GBT03C-014	Lovell, A. Schloerb, F. P. Howell, E.	Agnes Scott College University of Massachusetts Arecibo Observatory	R. Maddalena	OH Observations of Comet 2P/Encke [A. Lovell]	L	S	1 5 6	25.50
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 K. O'Neil	HI Narrow Self-Absorption: A New Tracer for Measuring The Magnetic Field in Dense Molecular Clouds [D. Li]	L	P	1 2 3	11.75
GBT03C-031	Jacoby, B. Anderson, S. 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	15	7.00
GBT03C-038	Kovalev, Jr., Y. Tyulbashev, Sergey	NRAO Green Bank Facility Pushino Radio Astronomical Observatory of Astro Space Center, Lebedev		Test of spectrometric measurements of large FRM with the GBT [Y. Kovalev Jr.]	CS	S	28	6.00
GBT03C-041	Ransom, S. Ramachandran, R. Kaspi, V. Demorest, P. Backer, D. C. Arons, J.	McGill University UC Berkeley (Astronomy) McGill University UC Berkeley (Physics) University of California, Berkeley UC Berkeley (Astronomy)	G. I. Langston	RRS Observations of the Double Binary Pulsar J0737-3039 [S. Ransom]	LS8	B	11 31 [18 19 21 22 23 24 26 27 28 29 30 31]	6.25 [46.25]
Comm	O'Neil			Q band Comm	Q	S	12	8.50
Comm	Ghigo			Q band comm	Q	S	(24 26 27 30 31)	(45.50)
Shutdown	NRAO staff			Christmas Shutdown			24 25 26	36.00
Maint	NRAO staff			Maintenance			2 3 4 8 9 10 11 16 17 18 23 30	116.00

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							31	
Maint	NRAO staff			Shutdown preparation			24	2.00
Maint	NRAO staff			Startup			26	3.00
Setup	NRAO staff			Observation setup	SX8UKL6C	VSPBCD	1 2 3 4 5 6 7 8 9 10 12 13 14 15 27 28 29 31 [14 15 16 17 18 19 21 22 23 26 27 29 30 31] (13 14 15 16 17 18 19 20 21 23 27 28 31)	26.00 [19.00] (16.00)
Tests	Norrod			Baseline tests	KUX	S	1	3.50
Tests	Fisher Norrod			Baselines	X	S	11	4.00
Tests	Minter			M&C Reg tests	LCUSXK	DSP	21 [18 22]	4.25 [11.00]
Tests	Balser			PCO 2A41	X	S	4 5 7	21.25
Tests	Prestage			PTCS Tests	LCUXKU	DSP	11 12 (18 19 22 23 29 30)	11.50 (69.50)
Tests	Ghigo			RCO K & Q	KQ	S	7	5.00
Tests	Maddalena O'Neil			RCO K and Q bands	KQ	S	8 9	15.25
Tests	Braatz			RCO K band	K	S	1 2 3	19.00
Tests	?			RCO*4	4	PD	31	3.25
Tests	Ghigo			RCO*6	6	BDPS	2	3.50
Tests	Langston			RCO*8 MHz	8	D	10	3.00
Tests	O'Neil			Spigot tests	L8	BGS	[21]	[5.25]
Total Hrs	Shutdown Astronomy Setup Commissioning	36.00 328.00 42.00 54.00	152.50 19.00					

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	Maintenance	121.00						
	Un-assigned							
	Tests	163.00						

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