

GBT Observing Schedule for January 2005

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	1 2	10.00
GBT02C-017	Bolatto, A. Balsler, D.S. Wright, M. C. H	University of California at Berkeley NRAO - Green Bank University of California at Berkeley		Probing the Physical State of High Redshift Galaxies (CO) [A. Bolatto]	U	S	(18 19 20 21 22 23 24)	(48.00)
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	(11 12 13 14)	(38.50)
GBT02C-054	Braatz, J. A. Henkel, C. Wilson, A. S. Greenhill, L. J. Moran, J. M.	NRAO Max-Planck-Institut fur Radioa University of Maryland Harvard-Smithsonian CfA		Measuring Nuclear Disks in NGC 1386 and IC 2560 (H2O) [J. A. Braatz]	K	S	(25 26 27 28)	(14.00)
GBT04A-005	Barvainis, R. E. Antonucci, R. J.	National Science Foundation UCSB		Search for Water Megamasers from Type 2 Quasars at z = 0.44 - 0.83 [R. E. Barvainis]	U	S	(3 4 5 6 7 8 9 10)	(94.00)
GBT04A-029	Ransom, S. Camilo, F. Stairs, I. Kaspi, V. Kaplan, D.L.	NRAO Columbia Astrophysics Laboratory University of British Columbia McGill University Caltech		S-band Pulsar Observations of Terzan5 and Liller1 [S. Ransom]	S	G	[8 10]	[12.00]
GBT04A-030	Stairs, I. Thorsett, S. Arzoumanian, Z. Ferdman, R.	University of British Columbia University of California, Santa Cruz NASA/GSFC University of British Columbia		High-Precision Timing of Binary Pulsars at the GBT [I. Stairs]	L	PG	[2]	[2.00]
GBT04B-011	Rickett, B. J. McLaughlin, M. Coles, W. A. Lyne, A. G. Stairs, I. Camilo, F. Freire, Paulo	UCSD University of Manchester University of California, San NRAL University of British Columbia Columbia Astrophysics Laboratory Arecibo Observatory		Scintillation studies of the J0737-3039 binary system [B. J. Rickett]	SC	G	[3 4 5 6]	[13.25]
GBT04B-014	Kondratko, P.T. Greenhill, L. J. Moran, J. M. Braatz, J. A.	Harvard University Harvard-Smithsonian CfA NRAO		Anchoring the Extragalactic Distance Scale [P.T. Kondratko]	KU	S	(1 2 3 22 23 28 29 30 31)	(78.00)
GBT04B-026	Kramer, M. Stairs, I.	NRAL University of British Columbia		Timing the First Double Pulsar System [M. Kramer]	L8	OG	[1 2 3]	[10.00]

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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	Camilo, F. McLaughlin, M. Lorimer, D. Lyne, A. G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Freire, Paulo Joshi, B. Ferdman, R.	Columbia Astrophysics Laboratory University of Manchester University of Manchester NRAL Australia Telescope Osservatorio di Cagliari Osservatorio di Cagliari Osservatorio di Bologna Arecibo Observatory National Centre for Radio Astrophysics (India) University of British Columbia						
GBT04B-028	Ransom, S. Kaspi, V. Backer, D. C. Ramachandran, R. Demorest, P. Arons, J.	NRAO McGill University University of California, Berkeley UC Berkeley (Astronomy) UC Berkeley (Physics) UC Berkeley (Astronomy)		Multi-Epoch Multi-Frequency Scintillation Velocity Measurements of the Double-Pulsar Binary J0737-3039 [S. Ransom]	8L	BG	8 9 [7 8 9 10]	7.00 [14.50]
GBT04B-029	Stairs, I. Camilo, F. Kramer, M. Faulkner, A. McLaughlin, M. Lorimer, D. Lyne, A. G. Hobbs, G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Ferdman, R. Ramachandran, R. Backer, D. C. Demorest, P. Nice, D.	University of British Columbia Columbia Astrophysics Laboratory NRAL Nuffield Radio Astronomy Laboratories University of Manchester University of Manchester NRAL Australia Telescope National Facility (ATNF) Australia Telescope Osservatorio di Cagliari Osservatorio di Cagliari Osservatorio di Bologna University of British Columbia UC Berkeley (Astronomy) University of California, Berkeley UC Berkeley (Physics) Princeton University		Timing New Binary and Millisecond Pulsars from the Parkes Multibeam Survey [I. Stairs]	L	BCOG	[1 2 3 15 17]	[19.00]
GBT04C-008	Pidopryhora, Y. Shields, J. Lockman, F. J.	Ohio University Ohio University NRAO-GB		Mapping the Galactic Halo HI: Evidence of Outflow from the Galactic Plane? [Y. Pidopryhora]	L	P	[1 3 4 5 6 7 8 9 10 11 12 13 15 16 17 18 19 20 21 23 25 26 28 29 31]	[94.50]
GBT04C-013	Jacoby, B. Bailes, M.	Caltech Astronomy Swinburne University of		Precision Pulsar Timing [B. Jacoby]	8L	R	9 [4 5 6 7]	2.00 [12.00]

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	Ord, S. Kulkarni, S. R. Hotan, H. van Straten, W.	Technology Swinburne University of Technology Caltech Swinburne University of Technology Astron						
GBT04C-015	Cotton, B.W. D. Bridle, A. H. Fomalont, E. B. Laing, R. A.	NRAO-CV NRAO-CV NRAO-CV ESO		Continuum imaging of the very extended FRI radio sources 3C31, NGC315, NGC6251 [B.W. D. Cotton]	CX	D	15 16	18.00
GBT04C-018	Bolatto, A. Darling, J.	University of California at Berkeley Carnegie Institution of Washington (Headquartes)		A Search for Cosmological HI Absorption Systems Toward Radio Selected Flat-Spectrum Sources [A. Bolatto]	A	S	[29 30 31]	[12.00]
GBT04C-019	Kang, J. Koo, B-C. Salter, C. J.	Seoul National University Seoul National University Arecibo Observatory		Faint HI 21-cm Emission Line Wings at Forbidden Velocities [J. Kang]	L	S	[21 22 23 24 25 26 27 28]	[92.00]
GBT04C-029	Dyer, K. Walter, F. Rupen, M. P. Cornwell, T. J.	NRAO-SO NRAO New Mexico Facilities NRAO - NM NRAO-SOC		Crossing The Critical Junction:Star Formation Between 1 and 10,000 GHz [K. Dyer]	CU	D	(11 13)	(16.00)
GBT04C-031	Kondratko, P.T. Greenhill, L. J. Moran, J. M. Lovell, J.E.J. Kuiper, T. B. H. Jauncey, D. L.	Harvard University Harvard-Smithsonian CfA ATNFc/o COSSA JPL ATNF		Monitoring of Five NGC4258-like Water Megamasers Discovered with the GBT and the DSN [P.T. Kondratko]	K	S	(14 15 16 17 18 19 20)	(50.50)
GBT04C-036	Ramachandran, R. Deshpande, A.A. Cordes, J. M. Backer, D. C. Freire, Paulo Vlemmings, W. Demorest, P. Deneva, Julia	UC Berkeley (Astronomy) Arecibo Observatory NAIC and Cornell University University of California, Berkeley Arecibo Observatory Cornell University UC Berkeley (Physics) Cornell University		Searching for young pulsars in the Cygnus Super Bubble region [R. Ramachandran]	S	G	[1 3 5 8 9 10 11 12 13 14 17]	[46.25]
GBT04C-041	Braatz, J. A. Henkel, C.	NRAO Max-Planck-Institut fur Radioa		Monitoring Extragalactic H2O Masers Discovered with the GBT [J. A. Braatz]	K	S	(26 28)	(6.00)
GBT04C-050	Lane, W.M. Fisher, R. Kanekar, N. Darling, J.	Naval Research Lab NRAO Green Bank Facility Kapteyn Astronomical Institute Carnegie Institution of Washington (Headquartes)		Measurement of Variable Redshifted 21cm Absorption [W.M. Lane]	A	P	[29 31]	[3.00]

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GBT04C-054	Carilli, C. L. Langston, G. I. Rocha, G. Menten, K. M. Reid, M. J. Stocke, J. T.	NRAO NRAO-GB University of Cambridge Max-Planck-Institut Fur Radioa Center for Astrophysics University of Colorado		A search for molecular absorption in the lensing galaxy toward the red gravitational lens J0134-0931 [C. L. Carilli]	AUK	S	29 31 (18 19 20 21 22 23)	12.00 (33.00)
GBT04C-056	Demorest, P. Backer, D. C. Ferdman, R. Stairs, I. Nice, D. Ramachandran, R.	UC Berkeley (Physics) University of California, Berkeley University of British Columbia University of British Columbia Princeton University UC Berkeley (Astronomy)		Precision Timing of Binary and Millisecond Pulsars [P. Demorest]	L8	COG	(11 13 18 20)	(8.00)
GBT05A-005	Mason, B.S. Lockman, F. J.	NRAO Green Bank Facility NRAO-GB		Measuring the Hydrogen Column Density towards Abell 478 [B.S. Mason]	L	PD	[18 20]	[6.00]
GBT05A-015	Kondratko, P.T. Greenhill, L. J. Braatz, J. A. Moran, J. M.	Harvard University Harvard-Smithsonian NRAO CfA		Search for Extragalactic Water Maser Emission with the GBT: Independent Measurement of the Hubble Constant [P.T. Kondratko]	K	S	(26 28 30)	(19.00)
GG057	Gurvits, L. I. Pogrebenko, S.V. Avruch, I. M. Bignall, H. Campbell, R.M. Garrett, M. Lebreton, J.P. van t Klooster, C. Folkner, W.M. Preston, R. A. Romney, J. D. Bird, M.	Joint Institute for VLBI in Eu JIVE JIVE JIVE JIVE JIVE ESA-ESTEC Jet Propulsion Laboratory JPL NRAO-SOC U Bonn		VLBI and Doppler tracking of the Huygens Titan Probe [L. I. Gurvits]	S	V	14	6.00
Comm	Mason			Comm Ka	B	DSP	(2 9 10 13 14 15 16)	(29.00)
Comm	NRAO staff			Comm Ka band	B	DSP	(17 29 31)	(17.50)
Comm	NRAO staff			Comm Q Band	Q	DSP	(9)	(3.50)
Comm	NRAO staff			Comm Q band	Q	DSP	(22 24)	(12.50)
Calibratio	NRAO staff			System Calibration	QBKU	DSP	(11 12)	(9.00)
Maint	NRAO staff			Maintenance			[4 5 6 7 11 12 13 14 18 19 20 21 25 26 27 28]	[136.00]

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Not Sched	NRAO staff						(8 12 23 25 27 28 30)	(29.00)
Setup	NRAO staff			Observation setup	SXUKLC8A	VSGPOBCRD	1 8 9 14 15 16 29 31 [1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 23 25 26 27 28 29 31] (1 2 3 5 7 9 11 12 13 14 16 17 18 19 20 21 22 23 25 26 27 28 30)	8.00 [61.00] (41.50)
Tests	NRAO staff			M&C Integ	L	DSP	[4 6]	[10.00]
Tests	Braatz			M&C Reg			[2]	[8.50]
Tests	Mason Cotton			PCO 4C15	CX	D	7	2.00
Tests	NRAO staff			PCO GG57	SX	DSPO	12 [11 12 13]	2.00 [10.00]
Tests	NRAO staff			PCO Q band	Q	DSP	(16)	(7.50)
Tests	NRAO staff			PTCS	BKQ	DSP	(4 5 6 7 17 19 21 24 25 26 27 29 30 31)	(120.00)
Tests	NRAO staff			RCO*A PF2	A	DSP	28	2.50
Total Hrs	Astronomy	460.00	336.50					
	Setup	49.50	61.00					
	Commissioning	62.50						
	Calibration	9.00						
	Maintenance		136.00					
	Un-assigned	29.00						
	Tests	134.00						

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