

# GBT Observing Schedule for January 2005

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BK121	Kouveliotou, C. Garrett, M. Gaensler, B.M. Wijers, R. McLaughlin, M. Fender, R.P.	MSFC/NASA JIVE CFA  University of Manchester University of Amsterdam		Multi-epoch VLBA observations of SGR 1806--20 [C. Kouveliotou]	L	V	5 6 10	11.00
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
GBT02A-008	Roberts, M. S. Maddalena, R. Haynes, M. P. Hogg, D. E.	NRAO-CV NRAO-Green Bank Cornell University NRAO-CV	R. Maddalena	A Study of the Hydrogen Reservoir Surrounding Galaxies [M. S. Roberts]	L	S	16 17 20 21	18.75
GBT02A-069	Fisher, R.	NRAO Green Bank Facility		Galaxy Survey of HI emission [R. Fisher]	L	SP	1 12 14 19	17.00
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 21 22 (25 27)	24.00 (6.00)
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	19.00
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)
GBT03C-031	Jacoby, B. Anderson, S. Kulkarni, S. R. Kaplan, D.L. Backer, D. C.	Caltech Astronomy Caltech Physics Caltech Caltech University of California, Berkeley	A. Minter	Timing the pulsars in M62, NGC 6544, and NGC 6624 and Search for Ultra-fast pulsars [B. Jacoby]	L8S	BS	7	7.00
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	5 6 9 10	44.50
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	6.00
GBT04B-011	Rickett, B. J. McLaughlin, M.	UCSD University of Manchester		Scintillation studies of the J0737-3039 binary system [B. J. Rickett]	SC	G	3 4	6.50

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

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	Coles, W. A. Lyne, A. G. Stairs, I. Camilo, F. Freire, Paulo	University of California, San NRAL University of British Columbia Columbia Astrophysics Laboratory Arecibo Observatory						
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 (22 23 24 25 27 28 29 30 31)	12.50 (47.00)
GBT04B-026	Kramer, M. Stairs, I. 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.	NRAL University of British Columbia 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		Timing the First Double Pulsar System [M. Kramer]	L8	OG	2 3	6.50
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	7 8 9	14.25
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,	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		Timing New Binary and Millisecond Pulsars from the Parkes Multibeam Survey [I. Stairs]	L	BCOG	3 17	9.00

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	R. Backer, D. C. Demorest, P. Nice, D.	University of British Columbia UC Berkeley (Astronomy) University of California, Berkeley UC Berkeley (Physics) Princeton University						
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	3 4 5 [23 26 28 29 31]	6.50 [29.25]
GBT04C-013	Jacoby, B. Bailes, M. Ord, S. Kulkarni, S. R. Hotan, H. van Straten, W.	Caltech Astronomy Swinburne University of Technology Swinburne University of Technology Caltech Swinburne University of Technology Astron		Precision Pulsar Timing [B. Jacoby]	8L	R	4 5 9	8.00
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 [22 23 24 25 26 27 28]	30.00 [35.75]
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	8.00
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 17 18	27.00
GBT04C-036	Ramachandran, R. Deshpande, A.A. Cordes, J. M. Backer, D. C. Freire, Paulo	UC Berkeley (Astronomy) Arecibo Observatory NAIC and Cornell University University of California, Berkeley Arecibo Observatory Cornell University		Searching for young pulsars in the Cygnus Super Bubble region [R. Ramachandran]	S	G	2 3 8 13 14	19.50

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	Vlemmings, W. Demorest, P. Deneva, Julia	UC Berkeley (Physics) Cornell University						
GBT04C-039	Bower, G. C. Ramachandran, R. Muno, M. P. Baganoff, F. K.	UC Berkeley UC Berkeley (Astronomy) UC Los Angeles MIT		Searching for Radio Pulsations from X-ray Sources with Radio Counterparts in the Galactic Center [G. C. Bower]	X	G	12 23	5.50
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-049	Kovalev, Jr., Y. Tyulbashev, S.	NRAO Green Bank Facility Pushino Radio Astronomical Observatory of Astro Space Center, Lebedev		GBT Broad-Band Spectrometric Measurements of Large Faraday Rotations in AGN [Y. Kovalev Jr.]	CS	S	20 [28 29 30 31]	4.50 [13.50]
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]
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]	UKA	S	18 19 20 22 29 31	33.00
GBT04C-055	Hewitt, J. Yusef-Zadeh, F. Braatz, J. A. Palmer, P.	Northwestern University Northwestern University NRAO University of Chicago		A Search for OH(4765 MHz) Maser Emission Associated with Supernova Remnant Masers using the GBT [J. Hewitt]	C	S	[25 27]	[4.00]
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 18 30 [25 27]	11.50 [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	6	3.00
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)

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GBT05A-016	Donovan, J. Camilo, F.	Columbia University Columbia Astrophysics Laboratory		Deep Searches for Young Pulsars in ``Shell'' Supernova Remnants [J. Donovan]	8	BG	13	7.00
GBT05A-034	Hibbard, J. E. Corbin, Michael Vacca, W.	NRAO-CV Arizona State University SOFIA-USRA		Ultracompact Blue Dwarfs: Galaxy Formation in the Local Universe? [J. E. Hibbard]	L	S	19 20	6.00
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	4.00
Comm	Q band - Prestage			Comm	QB	DSP	15 16	14.00
Comm	Mason			Comm Ka	B	DSP	2 9	12.00
Comm	NRAO staff			Comm Ka band	B	DSP	17 (29 31)	5.50 (12.00)
Maint	NRAO staff			Maintenance			4 5 13 14 20 21 27 [26 28]	56.50 [17.00]
Not Sched	NRAO staff						(25 27 28 30)	(11.50)
Setup	NRAO staff			Observation setup	LSXUK8CA	VSPBGDOCR	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 29 30 31 [22 23 24 25 26 27 28 29 30 31] (22 24 25 26 27 28 30)	61.00 [19.00] (17.00)
Tests	NRAO staff			M&C Integ	L	DSP	4	5.00
Tests	Mason Cotton			PCO 4C15	CX	D	7	5.25
Tests	NRAO staff			PCO GG57	SX	ODSP	11 12 13	8.00

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Tests	NRAO staff			PTCS	BKQ	DSP	17 25 26 (29 30 31)	19.75 (9.00)
Tests	NRAO staff			RCO*A PF2	A	DSP	28	2.50
Tests	Mason			Test	LDSP		6	4.00
Tests	NRAO staff			Training	B	DSP	19	2.00
Total Hrs	Astronomy	489.50	105.50					
	Setup	78.00	19.00					
	Commissioning	43.50						
	Maintenance	56.50	17.00					
	Un-assigned	21.00						
	Tests	55.50						

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