

# GBT Observing Schedule for February 2005

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BB202	Bower, G. C. Anderson, J.	UC Berkeley Rice University		Trigonometric Parallax of a Radio Star in the Pleiades [G. C. Bower]	X	V	6 7	8.00
BD103	Desmurs, J. F. Soria-Ruiz, R. Bujarrabal, V. Alcolea, J. Colomer, F.	Observatorio Astronomico Nacio Observatorio Astronomico Nacio Observatorio Astronomico Nacio Observatorio Astronomico Nacio		High dynamic range map of SiO maser emission in IRC+10011 [J. F. Desmurs]	Q	V	13	6.25
BU030	Ulvestad, J. Johnson, K. Neff, S. G.	NRAO University of Virginia GSFC		A Search for Young Supernovae in Super Star Clusters [J. Ulvestad]	C	V	26 27	10.00
GB053	Bartel, N. Bietenholz, M. F.	York University York University		The expansion, structure, and distance of SN 1979C [N. Bartel]	L	V	24 25	8.50
GBT01A-005	Turner, B. Langston, G. I.	NRAO-CV NRAO-GB		A High-resolution Spectral Survey Of Tmc-1 At Q-band [B. Turner]	Q	S	1 2 3	13.00
GBT03B-018	Shirley, Y.L. Wootten, H. A.	NRAO New Mexico Facilities NRAO-CV		Probing Hydrocarbon Chemistry with C4H and C4D towards IRAS 16293-2422 [Y.L. Shirley]	Q	S	(16 17 18 19 20 21 22 23)	(15.00)
GBT03C-028	Walter, F. Carilli, C. L. Lo, F.K. Y. Bertoldi, F. Cox, P. Fan, X. Strauss, M. Menten, K. M.	MPIfA NRAO NRAO-CV Radioastronomical Institute, University of Bonn IAS/Institut. d'Astrophys. Spatiale Arizona State University Princeton University Max-Planck-Institut Fur Radioa	G. I. Langston	The Molecular Gas Content in z>6 Quasars: Probing the End of Cosmic Reionization [F. Walter]	Q	S	(26 27 28)	(16.25)
GBT04A-001	Vanden Bout, P. A. Solomon, P. Carilli, C. L.	NRAO-CV SUNY at Stony Brook NRAO		Q-Band CO Observations [P. A. Vanden Bout]	Q	S	(17 19 23 25)	(21.50)
GBT04A-018	Robishaw, T. Heiles, C. E. Goldsmith, P. F.	University of California at Berkeley University of California Cornell University		CCS: The Molecular Magnetometer of Choice [T. Robishaw]	X	P	[22 24] (23 25 26 28)	[4.00] (49.75)
GBT04A-035	Stairs, I. Faulkner, A. Kramer, M. Lyne, A. G. Manchester, D.R. N. Hobbs, G. Possenti, A. Lorimer, D. Kaplan, D.L.	University of British Columbia Nuffield Radio Astronomy Laboratories NRAL NRAL Australia Telescope Australia Telescope National Facility (ATNF) Osservatorio di Cagliari University of Manchester		Scintillation Velocities for Two Relativistic Binary Pulsars [I. Stairs]	LS	G	21	3.00

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.	Massachusetts Institute of Technology (Astrophysics) Columbia Astrophysics Laboratory						
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	13 14	5.75
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	5 6	5.00
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	5	2.75

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GBT04C-006	Vanden Bout, P. A. Solomon, P. Maddalena, R.	NRAO-CV SUNY at Stony Brook NRAO-Green Bank		Q-Band Search for High Redshift Carbon Monoxide Line Emission [P. A. Vanden Bout]	Q	SD	2 5 6 12 13 (15 16 17 18)	20.50 (19.00)
GBT04C-012	Donovan, J. Camilo, F.	Columbia University Columbia Astrophysics Laboratory		Deep Searches for Young Pulsars in ``Shell'' Supernova Remnants [J. Donovan]	8	BG	7	1.00
GBT04C-028	Chandler, C. Brogan, C.L. Shirley, Y.L. Indebetouw, R.	NRAO-Socorro JCMT NRAO New Mexico Facilities University of Wisconsin at Madison (Astronomy)		A search for CCS in massive protostellar candidates and infrared dark clouds [C. Chandler]	K	S	6 (19)	6.00 (6.00)
GBT04C-037	Shirley, Y.L. Wootten, H. A. Shepherd, D.	NRAO New Mexico Facilities NRAO-CV NRAO-Socorro		GBT & VLA Ammonia Thermometry Towards Low-mass Star-forming Cores [Y.L. Shirley]	K	S	5 11 15	22.75
GBT04C-041	Braatz, J. A. Henkel, C.	NRAO Max-Planck-Institut fur Radioa	J. A. Braatz	Monitoring Extragalactic H2O Masers Discovered with the GBT [J. A. Braatz]	K	S	3	5.00
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	14	6.00
GBT05A-002	Fish, V.L.	NRAO New Mexico Facilities		A Search for Interstellar OD in Massive Star-Forming Regions [V.L. Fish]	L	S	[15 16 17 18]	[16.00]
GBT05A-003	Campbell, B. Carter, L. Campbell, D. B.	Smithsonian Institute Smithsonian Institution Cornell University		Radar Mapping of the Moon at 70-cm Wavelength Using Arecibo and the GBT [B. Campbell]	4	O	17 18 19	9.50
GBT05A-004	Kavars, D. Dickey, J. M. Skillman, E.	University of Minnesota Univ. of Minnesota University of Minnesota		OH Observations of HI Self-Absorption Clouds [D. Kavars]	L	S	[20 21 22 23 24 25 26 28]	[37.50]
GBT05A-010	Robishaw, T. Heiles, C. E.	University of California at Berkeley University of California		Constraining the Magnetic Field in the Taurus Molecular Cloud [T. Robishaw]	L	P	21 27 [21 22 23 24 25 26 27 28]	14.75 [42.50]
GBT05A-011	Ransom, S. Camilo, F. Stairs, I. Kaspi, V. Hessels, J. W. T. Freire, Paulo	NRAO Columbia Astrophysics Laboratory University of British Columbia McGill University McGill University Arecibo Observatory		Timing of the Binary and Millisecond Pulsars in Terzan5 [S. Ransom]	S8	GO	13	6.00
GBT05A-012	Morgan, L. Urquhart, J. Thompson, M.	University of Kent University of Kent Radio Astronomy Group	R. Maddalena	Ammonia Observations of Bright Rimmed Clouds [L. Morgan]	K	S	11 12	16.25

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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	1 2	19.00
GBT05A-016	Donovan, J. Camilo, F.	Columbia University Columbia Astrophysics Laboratory		Deep Searches for Young Pulsars in ``Shell'' Supernova Remnants [J. Donovan]	8	BG	7	10.00
GBT05A-021	Smits, D. De Witt, A.	University of South Africa University of South Africa		Shock-excited OH (1720 MHz) masers in Herbig-Haro Objects [D. Smits]	L	S	4 5 7	14.75
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	4 10	13.00
GBT05A-041	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]	LS8	COG	12 [26 28]	4.75 [10.00]
GBT05A-042	Baker, A.C. Mulchaey, J. S. Zabludoff, A. I. O'Neil, K.	University of Maryland Carnegie Institution of Washington (Carnegie Obs.) University of Arizona NRAO - GB	K. O'Neil	HI Observations of Isolated Ellipticals [A.C. Baker]	L	S	3 4 10 11 14	30.25
GBT05A-045	Roychowdhury, Suparna Mohan, R. Roshi, A.D.	Raman Research Institute Raman Institute Raman Research Institute	G. I. Langston	A search for HI 21-cm line emission towards cooling flow clusters with 12CO line emission [Suparna Roychowdhury]	L	S	9 14	11.25
GM059	Marcaide, J. M. Marti-Vidal, I. Guirado, J. C. Alberdi, A. Perez-Torres, M. Lara, L. Ros, E. Stockdale, C. Weiler, K. W. Sramek, R. A. Panagia, N. Van Dyk, S.D.	Universitat de Valencia University of Valencia Universidad de Valencia Instituto de Astrofisica de An Istituto di Radioastronomia University of Granada MPIfR NRL Naval Research Lab NRAO-SOC Space Telescope Science Instit Caltech		ToO Observations of SN2004et at 1.3 and 3.6cm [J. M. Marcaide]	X	V	20	12.00
Maint	NRAO staff			Maintenance			3 4 8 9 17 [16 18 22 23 24 25]	42.00 [50.50]

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Not Sched	NRAO staff						(15 19 26 27)	(9.75)
Setup	NRAO staff			Observation setup	XQCLS8K4	VSPGOBCD	1 2 3 4 5 6 7 9 10 11 12 13 14 15 17 18 19 20 21 24 26 27 [15 17 20 21 22 23 24 25 26 27 28] (15 16 17 18 19 20 22 23 25 26 27 28)	46.25 [22.00] (18.00)
Tests	Prestage			GFM tests	LSKQ	DSP	2	2.50
Tests	NRAO staff			GenTests	LCKQS	DSP	(16 18 20 21)	(33.00)
Tests	NRAO staff			M&C Integ	LCKQ	DSP	8 9 10 16	23.00
Tests	Braatz			M&C Reg Tests	LCKQ	DSP	14 15	11.00
Tests	NRAO staff			M&C Tests	L	DSP	6	2.25
Tests	NRAO staff			PTCS	BKQ	DSP	1 7 8 (21 22 23 24)	15.00 (48.00)
Tests	NRAO staff			RCO*8 450 MHz			[16]	[2.00]
Tests	Maddalena			S&X tests	SX	DSP	2	3.50
Tests	Lacasse			Spect Tests	L	S	14	2.00
Tests	Ghigo			Tests S2+M5	L	M5 & S2	5	3.25
Total Hrs	Astronomy	412.50	110.00					
	Setup	64.25	22.00					
	Maintenance	42.00	50.50					
	Un-assigned	9.75						
	Tests	143.50	2					

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