

GBT Observing Schedule for March 2010

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BB240	Bower, G. C. Bolatto, A. Ford, E. Kalas, P.	UC Berkeley University of California at Berkeley University of Amsterdam Calif.-Berkeley	Frank Ghigo	RIPL: Radio Interferometric PLANet Search [G. C. Bower]	X	5	2 15 19 27 28	42.50
BL169	Loinard, L. Dzib, S. Gomez, L. Mioduszewski, A. Deller, A. Torres, R.M. Rodriguez, L. F.	Instituto de Astronomia (UNAM, Morelia, Mexico) UNAM UNAM NRAO - SOC Swinburne Uni Bonn Instituto de Astronomia, UNAM	Frank Ghigo	The distance to Monoceros: one of the nearest high-mass star-forming regions [L. Loinard]	X	5	28	5.50
BM321	Melis, C. Reid, M. J. Stauffer, J. Mioduszewski, A. Bower, G. C.	Calif.-SD Center for Astrophysics Caltech NRAO - SOC UC Berkeley	Frank Ghigo	Towards a VLBA Resolution of the Pleiades Distance Controversy [C. Melis]	X	5	12	10.50
BM326	Miller-Jones, J. Jonker, P.G. Maccarone, T. Nelemans, G.	NRAO CfA U Southampton Radboud Universiteit Nijmegen	Jules Harnett	Resolving the jets in the X-ray binary SWIFT J1753.5-0127 [J. Miller-Jones]	X	5	30	8.50
BN041	Nakai, N. Yamauchi, A. Ishihara, Y. Diamond, P. J.	Tsukuba University Nobeyama Radio Observatory Nobeyama Radio Observatory MERLIN/VLBI National Facility	Jules Harnett	Determination of the distance to an AGN IC2560 by observing a water maser disk [N. Nakai]	K	5	26 27	7.50
GB070	Bartel, N. Bietenholz, M. F. Rupen, M. P. Beasley, A.J. Graham, D.A. Venturi, T. Umana, G. Cannon, W. Conway, J. E.	York University York University NRAO - SOC Caltech Owens Valley Radio Obs MPIfR Istituto di Radioastronomia Istituto di Radioastronomia, C York University Onsala Space Observatory		SN1993J: Late-time evolution at 18 cm [N. Bartel]	L	V	4 5	24.50
GBT07A-051	Hollis, J. M. Remijan, A. Jewell, P. R. Lovas, F. J.	NASA/GSFC National Radio Astronomy Observatory NRAO-CV Nat'l Instit. of Standards and Technology	Tony Remijan	A GBT Legacy Survey of Prebiotic Molecules Toward SgrB2(N-LMH) and TMC-1 [A. Remijan]	KB	S	27 31	6.25
GBT08A-092	Greaves, J. Hales, A. Matthews, B.	St Andrews Herzberg Institute	Brian Mason	Super-sized dust and exo-Earth formation [J. Greaves]	B	K	17	3.00

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GBT08C-026	Wilner, D. Hales, A. Mason, B.S.	Center for Astrophysics NRAO-GB	Brian Mason	3.3 mm MUSTANG Imaging of the Vega Debris Disk [A. Hales]	M		8 31	6.50
GBT09B-006	Camilo, F. Ransom, S. Chatterjee, S. Ray, P.S. Lorimer, D.	Columbia NRAO-CV Center for Astrophysics NRL WVU	Scott Ransom	Three newly discovered pulsars [F. Camilo]	S	U	11	1.25
GBT09B-029	Kramer, M. Stairs, I. McLaughlin, M. Ferdman, R. Camilo, F. Lyne, A. G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Freire, P. Perera, B.	Jodrell Bank UBC WVU Obs. de Paris Columbia Manchester U ATNF Istituto di Astrofisica Istituto di Astrofisica Istituto di Astrofisica NAIC UWV	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	L	YB	20 21	5.50
GBT09B-031	Lynch, R. Ransom, S. Lorimer, D. McLaughlin, M. Stairs, I. Kaspi, V. Cordes, J. M. Champion, D. Archibald, A. Kondratiev, V. Boyles, J. Hessels, J. W. T. McPhee, C. Roberts, M. Kasian, L. van Leeuwen, J. Deneva, J.	UVA NRAO-CV WVU WVU UBC McGill NAIC and Cornell MPIfR McGill NFRA WVU U Amsterdam UBC Eureka Scientific University of British Columbia UC Berkeley Cornell	Scott Ransom	Timing the New GBT 350 MHz Drift Scan Pulsars [R. Lynch]	8	U	19 20	4.75
GBT09B-041	Demorest, P. Nice, D. Stairs, I. Ransom, S. Ferdman, R. Lommen, A. Backer, D. C. Gonzalez, M.	NRAO-CV Bryn Mawr College UBC NRAO-CV Obs. de Paris Franklin and Marshall College UC Berkeley	Scott Ransom	Detecting nHz Gravitational Radiation using a Pulsar Timing Array [P. Demorest]	L8	YU	19 20 22 23	17.00

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GBT09B-061	Heatherly, S. Rosen, R.	NRAO-GB NRAO-GB		Maintenance Observing with the GBT [S. Heatherly]	38	U	4	5.75
GBT09C-002	Gupta, N. Srianand, R. Petitjean, P. Petitjean, P.	Tata Institute of Fundamental Research Inter-University Centre for As Institut d'Astrophysique Institut d'Astrophysique	Jules Harnett	Search for 21cm absorption at 0.6<z<1.0 using optimally selected MgII absorbers. [N. Gupta]	8	P	11 12 13 15 21 22	20.25
GBT09C-013	Nordhaus, M. Evans II, N.J. Rosolowsky, E. Cyganowski, C. Bally, J. Aguirre, J. Drosback, M. Glenn, J. Williams, J. P. Bradley, E.T. Ginsburg, A.	U Texas University of Texas at Austin UBC U Wisconsin Madison U Colorado U Penn IfA Manoa U Colorado	Daniel Perera	NH3 in Dense Cloud Cores Selected from the 1.1 mm Continuum BGPS [M. Nordhaus]	K	S	6 9 27	8.00
GBT09C-014	Camilo, F. Ransom, S. Gaensler, B.M. Lorimer, D.	Columbia NRAO-CV CFA WVU	Scott Ransom	The energetic pulsar J1747-2809 in the supernova remnant G0.9+0.1 [F. Camilo]	S	U	25	1.75
GBT09C-031	Thi, W. Dent, W. R. F. Sibthorpe, B. Mason, B.S. Dicker, S. Greaves, J. Woitke, P. Rice, K. Phillips, N. Devlin, M.J. Korngut, P. Cotton, B.W. D.	Royal Observatory NRAO-GB UPenn St Andrews UPenn UPenn NRAO-CV	Brian Mason	Investigating grain growth in disks around TTauri stars with Mustang/GBT [W. Thi]	M		7	4.25
GBT09C-050	Sajina, A. Partridge, R. B. Devlin, M.J. Korngut, P. Dicker, S. Evans, T.	University of British Columbia Haverford College UPenn UPenn UPenn	Brian Mason	90 GHz Flux Densities of Radio Source that Dominate the Confusion in SZ Surveys [A. Sajina]	M		6	3.25
GBT09C-051	Braatz, J. A. Condon, J. J. Reid, M. J. Henkel, C. Lo, F.K. Y.	NRAO - CV NRAO-CV Center for Astrophysics MPIfR NRAO-CV	Jim Braatz	The Megamaser Cosmology Project: Year 3 [J. A. Braatz]	K	S	6 7 19	17.50

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	Kuo, C-Y. Impellizzeri, C.M.V. Hao, L.	UVA NRAO Cornell Dept. of Astronomy						
GBT09C-057	Ransom, S. Lorimer, D. McLaughlin, M. Stairs, I. Kaspi, V. Roberts, M. Lynch, R. van Leeuwen, J. van Leeuwen, J. Kondratiev, V. Boyles, J. Hessels, J. W. T. Archibald, A. Jenet, F.	NRAO-CV WVU WVU UBC McGill Eureka Scientific UVA UC Berkeley UC Berkeley NFRA WVU U Amsterdam McGill	Scott Ransom	A 350-MHz Pulsar Survey of the Northern Celestial Cap [S. Ransom]	3	U	1 2 3 4 8 11 23 24 29 30	61.50
GBT09C-059	Korngut, P. Mason, B.S. Dicker, S. Devlin, M.J. Cotton, B.W. D. Sun, M. Mroczkowski, A.	UPenn NRAO-GB UPenn UPenn NRAO-CV UVA UPenn	Brian Mason	High Resolution MUSTANG Imaging of the SZE in X ray Luminous Galaxy Clusters [P. Korngut]	M		7 8	6.75
GBT09C-092	Zeiger, B. Darling, J.	U Colorado U Colorado		Water and OH Masers in the Atmosphere of an Extrasolar Planet [B. Zeiger]	L	S	3	2.00
GBT09C-093	Heatherly, S. Rosen, R.	NRAO-GB NRAO-GB	Rachel Rosen	Maintenance Observing with the GBT [S. Heatherly]	38	UY	6 12 13	3.75
GBT10A-001	Reach, W. T. Rho, J. Cortial, Marin Dickinson, Clive	IPAC, Caltech Caltech IPAC Laboratoire Astrophysique de Toulouse	Frank Ghigo	Microwave emission from supernova remnants [W. T. Reach]	B	DK	17 18	10.25
GBT10A-009	Mangum, J. G. Darling, J. Menten, K. M. Henkel, C.	NRAO Charlottesville U Colorado MPIfR MPIfR	Frank Ghigo	Kinetic Temperature in Starburst Galaxies [J. G. Mangum]	K	S	1 2	7.00
GBT10A-012	Joncas, G. Liszt, H. Robitaille, J. Lockman, F. J. Miville-Deschenes, M. Martin, P.G.	Universite Laval NRAO-CV Laval NRAO-GB Orsay University of Toronto	Jay Lockman	Establishing a scenario of molecule formation from high Galactic latitude sites [G. Joncas]	L	S	20 21 22 26	17.75

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GBT10A-014	Greenhill, L. J. Briggs, F. H. Goddi, C. Hagiwara, Y. Harris, R. Horiuchi, S. Masters, K. Moran, J. M. Soni, A. Tilak, A. Zaw, I.	CfA ANU Istituto Nazionale di Astrofisica NAOJ CfA CDSCC University of Portsmouth CfA ANU CfA NYU	Daniel Perera	H2O Maser Survey of Early-Type Galaxies [L. J. Greenhill]	K	S	24	3.00
GBT10A-016	Jackson, M. Hunter, D. A.	Lowell Lowell	Daniel Perera	Searching for a Connection Between NGC 1569 and the IC 342 Galaxy Group [M. Jackson]	L	S	8 10 16 25	12.50
GBT10A-022	Miller, J. McLaughlin, M. Boyles, J. Keane, E. Lyne, A. G. Kramer, M. Lorimer, D.	WVU WVU WVU Manchester U Manchester U Jodrell Bank WVU	Scott Ransom	Continued Timing of Rotating Radio Transients [J. Miller]	8	U	12	5.00
GBT10A-023	Lorimer, D. Camilo, F. McLaughlin, M.	WVU Columbia WVU	Scott Ransom	Timing seven new pulsars found in a deep Parkes multibeam survey [D. Lorimer]	S	U	13 22 29 31	3.25
GBT10A-027	Gomez, J. L. Rizzo, R. Suarez, O. Miranda, L. F. Guerrero, M. Palau, A. Ramos-Larios, G.	IAA CSIC-INTA UNice IAA IAA LAEFF UdG	Daniel Perera	A search for water masers in optically obscured post-AGBs and planetary nebulae	K	S	1 2 3 7 21	13.25
GBT10A-028	Crawford, F. Lorimer, D. McLaughlin, M. Faulkner, A. Kramer, M. Lyne, A. G. Stairs, I. Camilo, F. Burgay, M. Possenti, A. D'Amico, N. Freire, P.	FandM WVU WVU Manchester U Jodrell Bank Manchester U UBC Columbia Istituto di Astrofisica Istituto di Astrofisica Istituto di Astrofisica NAIC	Scott Ransom	The Enigmatic Binary PSR J1723-28: A Baby Millisecond Pulsar? [F. Crawford]	S	U	6 27	2.75
GBT10A-029	Sakai, N. Shiino, T. Sakai, T.	U Tokyo U Tokyo NAOJ	Jim Braatz	New Carbon-Chain Rich Sources in Lupus [N. Sakai]	K	S	6	0.50

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	Hirota, T. Yamamoto, S.	NAOJ-VERA U Tokyo						
GBT10A-030	Di Francesco, J. Megeath, S. T. Osorio, M. Maret, S. Allen, T. Fischer, W. Poteet, C.	NRC-CNRC U Toledo IAA UJF Grenoble U Toledo U Toledo U Toledo	Jim Braatz	The Role of Environment in the Formation of Orion Protostars [J. Di Francesco]	K	S	27	1.00
GBT10A-039	Johnson, K. Kepley, A. Pisano, D.J. Balsler, D.S. Rabidoux, K.	UVA UVA WVU NRAO - Green Bank WVU	Dana Balsler	Survey for Radio Recombinations Lines in Nearby Star-Forming Galaxies [K. Johnson]	B	K	24 25	2.00
GBT10A-041	Birkinshaw, M. Lancaster, K. Maughan, B. Alareedh, A. Kus, A. J. Wilkinson, P. N.	U Bristol U Bristol U Bristol U Bristol Torun Center for Astronomy U Manchester	Ron Maddalena	The problem of source contamination in the OCRA SZ sample [K. Lancaster]	B	K	16 17 18 31	14.25
GBT10A-042	Castangia, P. Tarchi, A. Panessa, F	INAF INAF INAF	Daniel Perera	A search for 22 GHz water masers in recently identified INTEGRAL AGN [P. Castangia]	K	S	5 6 28	13.50
GBT10A-043	Free, N. Shields, J. Lockman, F. J.	Ohio U Ohio U NRAO-GB	Jay Lockman	M33 And Its Association with Local Group Gas [F. J. Lockman]	L	S	1 2 3 10 11 13 14 15 24 26 29	55.50
GBT10A-048	Langston, G. I. Woolard, K.	NRAO-GB UVA	Glen Langston	Structure of H C3 N and H C5N in TMC-CP [G. I. Langston]	K	S	7 18 31	9.75
GBT10A-049	Rosen, R. McLaughlin, M. Lorimer, D. Heatherly, S.	NRAO-GB WVU WVU NRAO-GB	Rachel Rosen	Confirmation and Follow-up Observations of New Pulsars Discovered by the PSC [R. Rosen]	38	U	10	2.50
GBT10A-050	Walker, L. Johnson, K. Privon, G. Whelan, D.	UVA UVA UVA UVA	Daniel Perera	HI MASSES OF COMPACT GROUPS OF GALAXIES [L. Walker]	L	S	10 13 18 19	16.00
GBT10A-052	Rosen, R. Demorest, P. Clemens, C. Wyman, K.	NRAO-GB NRAO-CV UNC Wesleyan	Rachel Rosen	Observational Tests for Non-radial Oscillations in Radio Pulsars [R. Rosen]	8	U	13	4.00
GBT10A-056	Mroczkowski, A. Kornigut, P.	UPenn UPenn	Brian Mason	Detailed cluster physics from the resolved SZ effect imaged with Mustang [A. Mroczkowski]	M		8 9 31	11.25

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	Mason, B.S. Dicker, S. Devlin, M.J. Cotton, B.W. D. Sun, M. Reese, E.	NRAO-GB UPenn UPenn NRAO-CV UVA UPenn						
GBT10A-058	Ries, P. Mason, B.S. Hunter, T.	UVA NRAO-GB NRAO-CV	Brian Mason	A Study of TNO Analogues at 3.3mm in search of deviations from unity emissivity [P. Ries]	M		2 3	2.50
GBT10A-059	Courtois, H. Tully, R.B. Fisher, R. Makarov, D. Karachentsev, I.D. Mitronova, S.	Institute for Astronomy Institute for Astronomy NRAO-CV Special AO Special AO Special AO	Ron Maddalena	Bulk motions of filaments in the Local Universe - Flat Galaxies Catalog [H. Courtois]	L	S	2 10 11 13 14 15 16 17 22 30	50.50
GBT10A-060	Lazio, T.J.W. McLaughlin, M. Ransom, S. Cordes, J. M.	NRL WVU NRAO-CV NAIC and Cornell	Scott Ransom	Direct Detection of Local Group Baryons: Giant Pulses from Extragalactic Pulsars [T.J.W. Lazio]	3	U	28 29	6.75
GBT10A-061	Ransom, S. Ray, P.S. Camilo, F. Roberts, M.	NRAO-CV NRL Columbia Eureka Scientific		Timing of a 3.1ms pulsar discovered in a Fermi LAT unidentified gamma-ray source [S. Ransom]	L	U	7	1.00
GBT10A-062	Kang, J. Koo, B-C. Salter, C. J. Kotthes, R.	Seoul University Seoul University Arecibo Observatory DRAO	Daniel Perera	HI 21-cm Emission-line Observations of Supernova Remnant HB21 [J. Kang]	L	S	24	6.00
GBT10A-064	Pisano, D.J. Rabidoux, K.	WVU WVU	Brian Mason	Mapping the thermal emission in local Luminous Compact Blue Galaxies [D.J. Pisano]	MB	K	9 16 18 30 31	4.75
GBT10A-065	Murphy, E. Condon, J. J. Schinnerer, E. Turner, J. L. Beck, R. Mason, B.S. Meier, D.S. Armus, L.	IPAC NRAO-CV MPIA UCLA MPIfR NRAO-GB NMIMT SSC/IPAC	Brian Mason	Measuring Star Formation Activity and Anomalous Dust Emission in Nearby Galaxies [E. Murphy]	B	K	19 21 25	14.50
GBT10A-067	Wang, K. Zhang, Q. Liu, H. Caselli, P. Jimenez-Serra, I. Tan, J. Fontani, F.	CfA CfA CfA U Leeds U Leeds U Florida Obs. Geneve	Jim Braatz	Turbulence Dissipation and Fragmentation in the Early Phase of Cluster Formation [K. Wang]	K	S	1	4.00

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GBT10A-069	Pennucci, T. Ransom, S. Roberts, M. Hessels, J. W. T. Demorest, P.	UVA NRAO-CV Eureka Scientific U Amsterdam NRAO-CV	Scott Ransom	Measuring the Mass of PSR J1614-2230 with the Relativistic Shapiro Delay [S. Ransom]	L	U	10 11 12 13 14 15 16 17 18	21.25
GBT10A-077	Fraye, D.T. Fraye, D.T. Negueruela, I. Dye, S. Serjeant, S. Omont, A. Eales, S. Dunne, L. Maddalena, R.	NRAO-GB NRAO-GB Strasbourg Imperial College Imperial College Inst. d'Astrophysique de Paris Cardiff University Cardiff University NRAO-Green Bank		CO(1-0) Observations of the Brightest H-ATLAS Lensed Submm Galaxies [D.T. Frayer]	B	Z	24	3.25
GBT10A-078	Blagrove, K. Boothroyd, A. Lockman, F. J. Martin, P.G. Miville-Deschenes, M.	University of Toronto NRAO-GB University of Toronto Orsay		Re-observation of Galactic HI in the ELIAS N1 Field [F. J. Lockman]	L	S	21 25 26 28 29	13.00
GH009	Hallinan, G. Golden, A. Doyle, J.G. Antonova, A. Bourke, S. Brisken, W.F. Butler, C. Harding, Leon	National University of Ireland Armagh Observatory JIVE NRAO - SOC Armagh Observatory National University of Ireland Galway		Establishing the radio active component of two tight binary ultracool dwarfs [G. Hallinan]	CX	5	21 22	11.00
GLST021284	Camilo, F. Ransom, S. Roberts, M. McLaughlin, M.	Columbia NRAO-CV Eureka Scientific WVU	Scott Ransom	GREEN BANK TELESCOPE TIMING OF KEY FERMI PULSARS [F. Camilo]	S38	UG	4 14 20	10.00
GV020	Vlemmings, W. Kramer, M. Freire, P. van Langevelde, H.J.	Argelander-Institut fuer Astronomie Jodrell Bank NAIC JIVE		Millisecond pulsar proper motions: VLBI mapping of the Globular Cluster M15 [W. Vlemmings]	L	5	7	6.50
Maint	NRAO staff			Maintenance			3 9 11 12 16 23 25 31	59.50
Tests	Software Tests			KFPA	LF		22	4.00
Tests	NRAO staff			KFPA Followup Tests	F		27 28	4.50

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Tests	Focus Script Check			KFPA Point	K		12	2.00
Tests	NRAO staff			Ka Zpectrometer Tests	B		24	0.50
Tests	NRAO staff			Ka/CCB checkout	B		9	1.50
Tests	NRAO staff			Ka/Spectrometer	B		9	3.50
Tests	NRAO staff			Ka/Zpec tests	B		18 19	5.50
Tests	OOF zernike			PTCS	MQK		3 4 17 30	13.00
Tests	800			RFI Checkout	8XCL3		17 19 20 23	4.75
Tests	Ka			Receiver Checkout	B8C3M		9 11 19 23 25	5.75
Tests	NRAO staff			Scal Measurements	K		9 10	1.50
Total Hrs	Astronomy	638.00						
	Maintenance	59.50						
	Un-assigned							
	Tests	46.50						

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

Back Ends: 2=S2 recorder, B=BCPM, C=cGBPP, D=Digital Continuum Receiver, O=user supplied, P=Spectral Processor, S=Spectrometer, V=VLBA recorder

* [] indicates secondary project; () indicates primary project