GBT Observing Schedule for September 2009

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	4 7 18 25 26	34.00
BM306	Mioduszewski, A. Torres, R.M. Loinard, L.	NRAO - SOC UNAM Instituto de Astronomia (UNAM, Morelia, Mexico)	Frank Ghigo	Imaging the interacting young binary V773 Tau A/B [A. Mioduszewski]	X	5	27	6.50
BP157	Peterson, W. Mutel, R. L. Goss, W. M.	University of Iowa NRAO-SOC	Jules Harnett	Confirmation of Large Coronal Loops on an RS CVN Binary [W. Peterson]	U	5	14 15	10.50
GBT04A-003	Curran, S. Whiting, M. Webb, J. Murphy, M. T. Pihlstrom, Y. Wiklind, T. Francis, P.	University of New South Wales Australia Telescope National Facility University of New South Wales Cambridge, University of UNM Space Telescope Science Institute Australian National University	Carl Bignell	Highly Redshifted HI and OH Absorption in Red Quasars [S. Curran]	A	SP	28	2.75
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	Ron Maddalena	A GBT Legacy Survey of Prebiotic Molecules Toward SgrB2(N-LMH) and TMC-1 [A. Remijan]	C	S	12	6.00
GBT07C-016	Kanekar, N.	NRAO-AOC	Jim Braatz	Using NH3 lines to probe changes in fundamental constants [N. Kanekar]	U	S	6	3.75
GBT08A-004	Curran, S. Darling, J. Whiting, M. Bolatto, A. Webb, J. Bignell, R.C.	University of New South Wales Colorado at Boulder, University of Australia Telescope National Facility University of California at Berkeley University of New South Wales NRAO - GB	Carl Bignell	OH Absorption In the Lensing and Host Galaxies of J0414+0534 [S. Curran]	4	S	9 13 17	12.25
GBT08B-005	Campbell, B. Campbell, D. B. Carter, L. Ghent, R. Nolan, M	Smithsonian Institute Cornell University Smithsonian Institution Smithsonian Institution Arecibo Observatory	Frank Ghigo	High-Resolution 12.6-cm Radar Mapping of the Nearside of the Moon [B. Campbell]	S	X	12 13 14	11.00
GBT08B-026	Minter, A. Dennison, B. K. Dickens, L.	NRAO - Green Bank Virginia Polytechnic Institute	Toney Minter	The H 2p-2s fine-structure line toward HII Regions and Planetary Nebulae [A. Minter]	X	S	2	4.00

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

GBT Observing Schedule for September 2009

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
GBT08C-014	Camilo, F. Ransom, S. Halpern, J. P. Reynolds, J. E.	Columbia Astrophysics Laboratory NRAO - CV Columbia University Australia Telescope National F	Scott Ransom	Studying the magnetar XTE J1810-197 [F. Camilo]	SXC	G	7 22 29	4.50
GBT08C-023	Camilo, F. Ransom, S. Roberts, M. McLaughlin, M. Arzoumanian, Z. Freire, P. Romani, R. W. Halpern, J. P. Ray, P.S.	Columbia Astrophysics Laboratory NRAO - CV Eureka Scientific, Inc. WVU NASA/GSFC Arecibo Observatory Stanford University Columbia University Naval Research Lab	Scott Ransom	GLAST timing at GBT: six key radio-faint pulsars [F. Camilo]	S8	GB	5 6 18 19	9.25
GBT08C-049	Lynch, R. Ransom, S. Freire, P. Stairs, I.	Virginia, University of NRAO - CV Arecibo Observatory University of British Columbia	Scott Ransom	Timing of Newly Discovered MSPs in the Globular Cluster NGC6517 [R. Lynch]	S	U	10	6.00
GBT08C-065	Wolfe, A. M. Jorgenson, R. Robishaw, T. Heiles, C. E. Prochaska, J.	University of California-San D University of California at San Diego University of California at Berkeley University of California University of California	Toney Minter	Search for Zeeman Splitting at High Redshift [A. M. Wolfe]	4	P	10 12 13	13.25
GBT09A-002	Anderson, L. Bania, T. M. Balser, D.S. Rood, R. T.	Boston University NRAO - Green Bank University of Virginia	Dana Balser	Discovering Milky Way HII Regions [L. Anderson]	X	DS	8 9 14	4.50
GBT09A-004	Gupta, N. Srianand, R. Petitjean, P. Noterdaeme, P.	Tata Institute of Fundamental Research Inter-University Centre for As Institut d'Astrophysique European Southern Observatory	Jules Harnett	Search for HI 21cm absorption in a complete sample of DLAs at z>2. [N. Gupta]	3	P	6	7.00
GBT09A-025	Kanekar, N.	NRAO-AOC	Jules Harnett	The spin temperature of high redshift damped Lyman-alpha systems [N. Kanekar]	4	P	13	3.25
GBT09A-034	Garcia-Marin, M. Eckart, A. Koenig, S. Fischer, S. Zuther, J. Huchtmeier, W. K. Bertram, T.	University of Cologne Max-Planck-Institut fur Radioa	Jules Harnett	21 cm HI Observations of intermediate-z Clusters of Galaxies [M. Garcia-Marin]	A	S	29 30	6.00
GBT09A-046	Chynoweth, K. Langston, G. I. Holley-Bockelmann	NRAO-GB	Glen Langston	A Search for Faint Extended HI in Nearby Galaxy Groups - copy [K. Chynoweth]	L	S	1 2	2.00

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

GBT Observing Schedule for September 2009

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
	, K.							
GBT09A-081	Kondratiev, V. Lorimer, D. McLaughlin, M.	West Virginia University West Virginia University WVU	Scott Ransom	A search for giant pulses in interpulse pulsars [V. Kondratiev]	3	G	3 4	3.25
GBT09B-001	Bania, T. M. Balser, D.S. Anderson, L. Rood, R. T.	Boston University NRAO - Green Bank University of Virginia	Dana Balser	Searching for Star Formation in the 3 kpc Arm [T. M. Bania]	X	SD	11 12	7.50
GBT09B-002	Anderson, L. Bania, T. M. Balser, D.S. Rood, R. T.	Boston University NRAO - Green Bank University of Virginia	Dana Balser	Discovering Milky Way HII Regions [L. Anderson]	X	DS	14 30	6.25
GBT09B-003	Crawford, F. Lorimer, D. McLaughlin, M. Faulkner, A. Kramer, M. Lyne, A. G. Stairs, I. Camilo, F. Burgay, M. Possenti, A. D'Amico, N. Gilpin, C.	Haverford College West Virginia University WVU University of Manchester Jodrell Bank Manchester, University of University of British Columbia Columbia Astrophysics Laboratory Istituto Nazionale di Astrofisica Istituto Nazionale di Astrofisica Osservatorio di Cagliari	Scott Ransom	On the Trail of the Enigmatic Millisecond Binary Pulsar PSR J1723-28 [F. Crawford]	3S	U	2 27	8.00
GBT09B-004	Gwinn, C. R. Johnson, M. Minter, A. Demorest, P. Kondratiev, V. Smirnova, T.	University of California, Sant NRAO - Green Bank UC Berkeley (Physics) West Virginia University	Toney Minter	Noise and Signal in Pulsar Scintillation [C. R. Gwinn]	3	OYM	5	3.00
GBT09B-006	Camilo, F. Ransom, S. Chatterjee, S. Ray, P.S. Lorimer, D.	Columbia Astrophysics Laboratory NRAO - CV Center for Astrophysics Naval Research Lab West Virginia University	Scott Ransom	Three newly discovered pulsars [F. Camilo]	S	U	13	1.25
GBT09B-008	Rubio-Herrera, E Stappers, B. Hessels, J. W. T.	University of Manchester ASTRON	Scott Ransom	Confirmation of Radio Pulsar Candidates in M31 [E Rubio-Herrera]	3	G	4 5 6 7	9.25
GBT09B-012	Rudnick, L. Farnsworth, D. Brown, S.	University of Minnesota University of Minnesota University of Minnesota	Jules Harnett	Relativistic Probes of the WHIM (redux) [L. Rudnick]	L	S	1 2 3	7.25
GBT09B-013	Aravena, M. Wagg, J.	NRAO - Soc Center for Astrophysics	Toney Minter	A search for luminous H2O maser emission in lensed, FIR luminous QSOs at z~4 [M. Aravena]	C	S	3 5 7 10 25	18.58

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

GBT Observing Schedule for September 2009

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
	Wilner, D. Menten, K. M. Carilli, C. L. Humphreys, E.M.L.	Max-Planck-Institut Fur Radioa NRAO - Socorro Harvard-Smithsonian Center for Astrophysics						
GBT09B-014	Edel, S. Ludovici, D. Lorimer, D. McLaughlin, M. Kondratiev, V. Boyles, J. Ridley, J.	West Virginia University WVU West Virginia University West Virginia University	Scott Ransom	GBT radio monitoring of magnetars [S. Edel]	S	U	13	5.25
GBT09B-015	Armijos, J. Martin-Pintado, J. Requena-Torres, M.A. Martín, S. Rodriguez-Franco, A.	Consejo Superior de Investigaciones (CSIC) Consejo Superior de Investigaciones (CSIC) DAMIR-IEM-CSIC	Jim Braatz	Chemical complexity in the nuclei of galaxies. The nucleus of the Milky way [J. Armijos]	U	S	1 14 19	12.00
GBT09B-017	Deneva, J. Cordes, J. M. Lazio, T.J.W.	Cornell University NAIC and Cornell University Naval Research Laboratory	Scott Ransom	Are the Arches and Quintuplet Clusters Pulsar Nurseries? [J. Deneva]	C	G	8 28 30	8.50
GBT09B-018	Deneva, J. Cordes, J. M. Lazio, T.J.W.	Cornell University NAIC and Cornell University Naval Research Laboratory	Scott Ransom	Two Very Dispersed Pulsars Near SgrA*: Continued Timing and Spectrum Estimation [J. Deneva]	SU	G	3 15	5.25
GBT09B-023	Ray, P.S. Camilo, F. Ransom, S. Roberts, M.	Naval Research Lab Columbia Astrophysics Laboratory NRAO - CV Eureka Scientific, Inc.	Scott Ransom	Search for Radio Pulsations from Gamma-Ray Pulsars Discovered with Fermi [P.S. Ray]	8	U	22 23	3.25
GBT09B-024	Ransom, S. Camilo, F. Ray, P.S. Roberts, M.	NRAO - CV Columbia Astrophysics Laboratory Naval Research Lab Eureka Scientific, Inc.	Scott Ransom	Searching for Radio Pulsars in Fermi Bright Unidentified Sources [S. Ransom]	8	U	19 20	9.50
GBT09B-025	Kudo, N. Torii, K. Fukui, Y. Morris, M. R.	Nagoya University UCLA	Jim Braatz	An OH Absorption Line Survey of the Galactic Scale Molecular Loops [N. Kudo]	L	S	5	2.00
GBT09B-026	Demorest, P. Walker, M.A. van Straten, W. Karastergiou, Aris	UC Berkeley (Physics) Research Centre for Theoretica Brownsville, University of Texas at University of Oxford	Scott Ransom	Cyclic Spectroscopy of Three Pulsars [P. Demorest]	3	Y	3	4.00
GBT09B-028	McLaughlin, M. Lyne, A. G. Kramer, M.	WVU Manchester, University of Jodrell Bank	Scott Ransom	Timing of New and Old Rotating Radio Transient Sources [M. McLaughlin]	3	U	4	5.25

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

GBT Observing Schedule for September 2009

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
	Miller, J. Lorimer, D. Keane, E.	West Virginia University						
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 University of British Columbia WVU University of British Columbia Columbia Astrophysics Laboratory Manchester, University of Australia Telescope Istituto Nazionale di Astrofisica Osservatorio di Cagliari Istituto Nazionale di Astrofisica Arecibo Observatory	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	L8	YB	19 25	13.00
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.	Virginia, University of NRAO - CV West Virginia University WVU University of British Columbia McGill University NAIC and Cornell University McGill University West Virginia University West Virginia University ASTRON Eureka Scientific, Inc. University of British Columbia University of British Columbia Cornell University	Scott Ransom	Timing the New GBT 350 MHz Drift Scan Pulsars [R. Lynch]	8	U	19 20 21	4.75
GBT09B-034	Chynoweth, K. Langston, G. I. Holley-Bockelmann , K.	NRAO-GB	Glen Langston	Deep Observations of Possible HVC Analogs in the NGC 2403 Group [K. Chynoweth]	L	S	1	5.25
GBT09B-036	Gao, Y. Riechers, D. Carilli, C. L. Wagg, J.	Chinese Academy of Sciences Max-Planck-Institute for Astronomy, Heidelberg NRAO - Socorro NRAO - Soc	Ron Maddalena	CS(1-0) survey of dense gas at high-redshift [Y. Gao]	UX	S	9 18 27	18.25
GBT09B-040	Kanekar, N. Wagg, J. Carilli, C. L.	NRAO-AOC NRAO - Soc NRAO - Socorro	Ron Maddalena	A search for CS 1-0 emission at high redshifts [N. Kanekar]	U	S	23	2.75

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

GBT Observing Schedule for September 2009

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
GBT09B-041	Demorest, P. Nice, D. Stairs, I. Ransom, S. Ferdman, R. Lommen, A. Backer, D. C. Gonzalez, M.	UC Berkeley (Physics) Bryn Mawr College University of British Columbia NRAO - CV University of British Columbia Franklin and Marshall College University of California, Berkeley	Scott Ransom	Detecting nHz Gravitational Radiation using a Pulsar Timing Array [P. Demorest]	L8	YU	20 26	17.00
GBT09B-042	Joncas, G. Robitaille, J. Lockman, F. J. Marshall, D. Miville-Deschenes, M. Martin, P.G.	Universite Laval NRAO-GB IAS Univ. Paris-Sud University of Toronto	Jay Lockman	Establishing a scenario of molecule formation from high Galactic latitude sites [G. Joncas]	L	S	5 6 8 11 19 20 21 22 23 24 28	41.50
GBT09B-043	DeCesar, M. Ransom, S. Stairs, I. Lorimer, D. McLaughlin, M. Kaspi, V. Archibald, A. van Leeuwen, J. Miller, C.	NRAO - CV University of British Columbia West Virginia University WVU McGill University University of British Columbia University of Maryland	Scott Ransom	A Search for Radio Pulsations from Low-Mass X-ray Binaries [M. DeCesar]	S	U	2 8 25	4.00
GBT09B-044	Smith, A. Greaves, J. Jardine, M. Cameron, A. Langston, G. I. Backer, D. C.	Univ. St. Andrews University of St Andrews NRAO-GB University of California, Berkeley	Glen Langston	Cyclotron emission from the exo-planet HD 189733b - copy [A. Smith]	3	M	6 7 8 9 10	18.00
GBT09B-045	Lynch, R. Ransom, S.	Virginia, University of NRAO - CV	Scott Ransom	Searching For New Pulsars in Eight Low Metallicity Globular Clusters [R. Lynch]	S	U	7 9 17 18 21 22	13.25
GBT09B-046	Impellizzeri, C.M.V. Henkel, C. Roy, A. L. Braatz, J. A. Leurini, S. Menten, K. M.	NRAO Max-Planck-Institut fur Radioa MPIfR NRAO - CV MPIfR Max-Planck-Institut Fur Radioa	Jim Braatz	Tracing the Physical Conditions in NGC 3079 and Mrk 348 with Methanol [C.M.V. Impellizzeri]	U	S	19	2.75
GBT09B-055	Kaspi, V. Archibald, A. Haw Far Chin, J.	McGill University	Scott Ransom	Target-of-Opportunity Observations of an unusual Periodic Gamma-Ray Burst [V. Kaspi]	3	G	5	2.00
GBT09C-002	Gupta, N. Srianand, R. Petitjean, P.	Tata Institute of Fundamental Research Inter-University Centre for As	Jules Harnett	Search for 21cm absorption at 0.6<z<1.0 using optimally selected MgII absorbers. [N. Gupta]	8	P	16 17 25	13.92

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

GBT Observing Schedule for September 2009

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
	Petitjean, P.	Institut d'Astrophysique Institut d'Astrophysique						
GBT09C-004	Curran, S. Whiting, M. Webb, J. Bignell, R.C.	University of New South Wales Australia Telescope National Facility University of New South Wales NRAO - GB	Carl Bignell	A Search for Cold Neutral Gas in Dim Radio Galaxies and Quasars I [S. Curran]	4	S	11 12	4.50
GBT09C-014	Camilo, F. Ransom, S. Gaensler, B.M. Lorimer, D.	Columbia Astrophysics Laboratory NRAO - CV CFA West Virginia University	Scott Ransom	The energetic pulsar J1747-2809 in the supernova remnant G0.9+0.1 [F. Camilo]	C	U	12 13	2.00
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 West Virginia University WVU University of British Columbia McGill University Eureka Scientific, Inc. Virginia, University of University of British Columbia University of British Columbia West Virginia University West Virginia University ASTRON	Scott Ransom	A 350-MHz Pulsar Survey of the Northern Celestial Cap [S. Ransom]	3	U	4	4.50
GBT09C-076	Kondratiev, V. Otte, N. Lyutikov, M.	West Virginia University McGill University	Scott Ransom	Crab Pulsar Giant Pulses: Is Correlation Between Radio and VHE Bands Real? [V. Kondratiev]	X	U	30	4.00
GLST021302	McLaughlin, M. Lyutikov, M. Ransom, S. Kondratiev, V. Bilous, A Langston, G. I. Stappers, B. Lorimer, D. Mickaliger, M	WVU McGill University NRAO - CV West Virginia University NRAO-GB University of Manchester West Virginia University	Scott Ransom	CONSTRAINING PULSAR EMISSION PHYSICS THROUGH RADIO/GAMMA-RAY CORRELATION OF CRAB [M. McLaughlin]	C	YU	9 12 14 16 19 20 21 22 23 24 25 28	30.00
Maint	NRAO staff			Maintenance PF1 down (GA)			28	10.50
Maint	NRAO staff			Maintenance			1 2 3 8 9 10 11 14 15 16 17 21 22 23 24 29 30	165.00
Tests	Ransom & White			GUPPI			26	3.50

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

* [ ] 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

GBT Observing Schedule for September 2009

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
Tests	Ghigo			GainCal		S	15 16	7.75
Tests	HUnter			HOLO			10 11 22 23	11.50
Tests	Hunter Ghigo			HalfPower			27 28	2.25
Tests	Shelton			M&C Int			24 29	8.00
Tests	Shelton			M&C Integ			21 23 24	7.50
Tests	Shelton			M&C Reg			26 27	6.00
Tests	Hunter Ghigo			OOF			29	3.50
Tests	Hunter Ghigo			Pointing	B	S	17 18	8.00
Tests	NRAO staff			RCO*3	PF1*3	S	2 4	2.50
Tests	NRAO staff			RCO*4	PF1*4	S	8	1.50
Tests	NRAO staff			RCO*8	PF1*8	S	16	1.75
Tests	NRAO staff			RCO*A	PF2*A	S	28	1.75
Tests	MAddalena			Scal		S	5	3.25
Tests	Ransom			Tests GUPPI			7 24 25	7.50
Total Hrs	Astronomy Maintenance Un-assigned Tests	467.25 175.50 76.25						

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