GBT Observing Schedule for September 2007

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
GBT05A-029	VandenBout, P. A. Solomon, P. Maddalena, R.	NRAO-CV SUNY at Stony Brook NRAO-Green Bank		Search for Cold Molecular Gas at High Redshift [P. A. VandenBout]	B	SD	(29)	(15.50)
GBT05C-003	VandenBout, P. A. Solomon, P. Maddalena, R. Carilli, C. L.	NRAO-CV SUNY at Stony Brook NRAO-Green Bank NRAO - Socorro	Ron Maddalena	Search for Dense Molecular Gas at High Redshift [P. A. VandenBout]	B	S	(29)	(2.00)
GBT06B-037	Weisberg, J. M. Johnston, S. Koribalski, B. Minter, A. Stanimirovic, S.	Carleton College Australia Telescope National Facility (ATNF) Australia Telescope National F NRAO - Green Bank Wisconsin	Toney Minter	Probing the Small-Scale Structure of Molecular Gas with Pulsar B1641-45 [J. M. Weisberg]	L	M	8 9 10 11 12	8.75
GBT06C-020	Friesen, R. Di Francesco, J. Johnstone, D. Shirley, Y.L.	Victoria, University of National Research Council Canada NRC-HIA University of Arizona	Toney Minter	Probing the initial conditions of star formation in Ophiuchus [R. Friesen]	K	S	(29)	(4.00)
GBT07A-050	Cyganowski, C. Churchwell, E. B. Watson, C. Indebetouw, R. Whitney, B.	Wisconsin at Madison, University of University of Wisconsin Manchester College University of Virginia Space Science Institute	Toney Minter	Kinematics of Ionized and Molecular Gas Associated with IR Dust Bubbles [C. Cyganowski]	K	S	(29)	(2.50)
GBT07A-060	Deneva, J. Cordes, J. M. Lazio, T.J.W.	Cornell University NAIC and Cornell University Naval Research Laboratory	Scott Ransom	S-band Drift Search for Transients and Pulsars in the Inner Galaxy [J. Deneva]	S	G	1 2 8 14 16 17 18 19 21 22 [26 28]	45.00 [13.00]
GBT07A-072	Wei, L. Kannappan, S. Baker, A.C. Vogel, S. N.	Maryland, University of Univ. of Texas University of Maryland University of Maryland	Frank Ghigo	Gas Reservoirs in Blue-Sequence Early-Type Galaxies [L. Wei]	L	S	22 [25 26 27 28]	5.00 [21.50]
GBT07A-087	Demorest, P. Jacoby, B.A. Ferdman, R. Backer, D. C. Stairs, I. Nice, D. Lommen, A. Ransom, S. Bailes, M. Cognard, I	UC Berkeley (Physics) Naval Research Lab University of British Columbia University of California, Berkeley University of British Columbia Princeton University Franklin and Marshall College NRAO - CV Swinburne University of Technology CNRS-Orleans	Scott Ransom	Detecting nHz Gravitational Radiation using a Pulsar Timing Array [P. Demorest]	L8	RY	30 [29]	7.25 [7.50]
GBT07A-089	Camilo, F. Ransom, S. Lorimer, D.	Columbia Astrophysics Laboratory NRAO - CV West Virginia University	Scott Ransom	PSR J1833-1034, the Very Young Pulsar in the SNR G21.5-0.9 [F. Camilo]	8	B	[24 25 26 27 28 30]	[6.00]

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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GBT07B-005	Montgomery, S. Burrows, D. Rombach, C. Birney, C.	Clarion University Of Pennsylvania Pennsylvania State University Clarion University of Pennsylvania Clarion University of Pennsylvania	Frank Ghigo	Location and Kinematics of Two Diffuse Clouds at High Galactic Latitude [S. Montgomery]	L	S	21 22 [26 28]	9.00 [11.50]
GBT07B-006	Camilo, F. Ransom, S. Halpern, J. P. Reynolds, J. E. Helfand, D. J.	Columbia Astrophysics Laboratory NRAO - CV Columbia University Australia Telescope National F Columbia University	Scott Ransom	Studying the magnetar XTE J1810-197 [F. Camilo]	S	B	8 9 10 11 14 16 17 18 21 30 [24 25 26 27 28]	9.25 [5.00]
GBT07B-007	Kanekar, N. Ellison, S.E. Prochaska, J.	NRAO-AOC University of Victoria University of California	D.J. Pisano	A search for 21cm absorption in strong MgII absorbers in the redshift desert [N. Kanekar]	8	P	14 15 16 17 [25 27]	25.00 [6.00]
GBT07B-008	Kanekar, N. Ellison, S.E. York, B	NRAO-AOC University of Victoria University of Victoria	Frank Ghigo	The nature of damped Lyman-alpha systems, as traced by their spin temperatures [N. Kanekar]	3	P	9 11 12	9.00
GBT07B-010	Lorimer, D. McLaughlin, M. Camilo, F. Freire, P. Reynolds, S. P.	West Virginia University WVU Columbia Astrophysics Laboratory Arecibo Observatory North Carolina State Universit	Scott Ransom	A deep search for radio pulsations from the X-ray point source in SNR G15.9+0.2 [D. Lorimer]	S	S	[24]	[10.00]
GBT07B-011	Lorimer, D. Ransom, S. McLaughlin, M. Kondratiev, V. Stairs, I.	West Virginia University NRAO - CV WVU West Virginia University University of British Columbia	Scott Ransom	A 350-MHz GBT search of the globular cluster M30 [D. Lorimer]	3	S	9 10 11 12	20.50
GBT07B-014	Burgay, M. Bandiera, R. Bocchino, F. Possenti, A.	Istituto Nazionale di Astrofisica Istituto Nazionale di Astrofisica Palermo, University of Istituto Nazionale di Astrofisica	Scott Ransom	A deep pulsar search in the candidate Pulsar Wind Nebula in DA 530 [M. Burgay]	S	G	18 19 21	13.00
GBT07B-017	Kondratiev, V. Lorimer, D. McLaughlin, M. Ransom, S.	West Virginia University West Virginia University WVU NRAO - CV	Scott Ransom	Probing the limits of the giant pulse population [V. Kondratiev]	3	G	9 10 11	14.50
GBT07B-029	Kramer, M. Stairs, I. McLaughlin, M. Ferdman, R. Camilo, F. Lyne, A. G. Manchester, D.R. N. Possenti, A. D'Amico, N.	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	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	L	GYB	30	5.25

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	Burgay, M. Freire, P.	Arecibo Observatory						
GBT07C-067	Courtois, H. Tully, R.B. Fisher, R. Zavodny, M.	Institute for Astronomy Institute for Astronomy NRAO Green Bank Facility	Rick Fisher	Bulk Motions of Filaments in the Local Universe [H. Courtois]	L	S	9 11 14 15 16 17 18 19 21 22 [24 29 30]	58.50 [19.25]
GBT07C-080	Kondratiev, V. Lorimer, D. McLaughlin, M. Ransom, S.	West Virginia University West Virginia University WVU NRAO - CV	Scott Ransom	A Pulsar Census of the Local Group [V. Kondratiev]	8	G	[24]	[3.00]
Calibratio	NRAO staff			SCAL	SK	DSP	18	4.00
Maint	NRAO staff			Maintenance	48		5 6 13 19 20 [25 27]	42.50 [17.00]
Not Sched	NRAO staff						(30)	(1.00)
Tests	Minter			Balancing tests	L	GS	13	3.00
Tests	NRAO staff			General Tests			1 2 3	50.00
Tests	NRAO staff			M&C Integ	LCXU	DSP	[25 26 27 28]	[19.00]
Tests	NRAO staff			M&CReg tests	LCXU	DSP	[29]	[11.00]
Tests	Hunter			Ptg	X	DSP	20 21 (30)	9.50 (4.00)
Tests	NRAO staff			Ptg Model	LSKQ	DSP	19 20	11.00
Tests	NRAO staff			RCO*3 340 MHz	3	DSP	5	2.00
Tests	NRAO staff			RCO*8 800 MHz	8	DSP	13	2.00
Tests	Brandt Ford			Servo tests			12 18	18.50
Tests	Ransom			Spigot tests	L	GS	13	2.50
Tests	NRAO staff			Un-assigned Tests			(30)	(5.75)
Tests	NRAO staff			Track Checkout	LSKQ	DSP	3 4 5 6 7 8 10 12 13 15 16 22 23 24 (24 25 26 27 28)	198.17 (112.00)

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Total Hrs	Astronomy	254.00	102.75					
	Calibration	4.00						
	Maintenance	42.50	17.00					
	Un-assigned	1.00						
	Tests	418.42	30.00					

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