GBT Observing Schedule for September 2003

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BM193	Momjian, E. Romney, J. D. Carilli, C. L. Troland, T. H.	NRAO - NM NRAO-SOC NRAO University of Kentucky	F. D. Ghigo	Multi-frequency continnum observations of the LIRG NGC 7674 [E. Momjian]	CX	V	1	3.00
BP107	Philstrom, Y. O'Dea, C. P. Bechtold, J. Conway, J. E.	NRAO - AOC Socorro Space Telescope Science Instit University of Arizona Onsala Space Observatory	F. D. Ghigo	Distribution of HI absorbing gas in the compact radio source OQ208 [Y. Philstrom]	L	V	6	12.00
GBT01A-007	Heiles, C. E.	University of California	K. O'Neil R. Maddalena A. Mi	Direct Measurement Of The Magnetic Field In M31 Using Zeeman Splitting [C. E. Heiles]	L	S	1 2 7 8 9 10 11 [24 25 26 27]	79.50 [30.50]
GBT02A-031	Lockman, F. J.	NRAO-GB	F. J. Lockman	Galactic HI Mapping of X-Ray, UV, and Optical Deep Fields [F. J. Lockman]	L	SP	4 9 27 [19 20 30]	25.00 [17.00]
GBT02C-009	Heiles, C. E. Robishaw, T.	University of California University of California at Berkeley	A. Minter	The Global Galactic Magnetic Field inside the Solar Circle [C. E. Heiles]	L	SP	16 17 21 22	29.00
GBT02C-010	Heiles, C. E. Robishaw, T.	University of California University of California at Berkeley	K. O'Neil A. Minter	Zeeman splitting of the 21-cm emission line of the Warm Neutral Medium [C. E. Heiles]	L	SP	2 3 13 14 15 16	57.75
GBT02C-056	Kaspi, V. Lyutikov, M. Ransom, S. Kouveliotou, C.	McGill University McGill University McGill University MSFC/NASA	G. I. Langston	GBT Observations of SGR 1806-20 or SGR 1900+14 During Outburst [V. Kaspi]	LS	B	3 4	10.00
GBT02C-060	Nice, D. Stairs, I. Arzoumanian, Z.	Princeton University University of British Columbia NASA/GSFC	G. I. Langston	Pulsar Orbital Velocities from Scintillation Measurements [D. Nice]	3	PB	12 13	15.00
GBT03A-014	Lockman, F. J.	NRAO-GB	F. J. Lockman	Halo HI Clouds: Distribution and Properties [F. J. Lockman]	L	PD	8	3.50
GBT03A-016	Stairs, I. Manchester, R. N. Lyne, A. G.	University of British Columbia Australia Telescope NRAL	G. I. Langston	The Physics of a Massive Pulsar System [I. Stairs]	L	BP	17	3.00
GBT03A-023	Stairs, I. Thorsett, S. Arzoumanian, Z.	University of British Columbia University of California, Santa Cruz NASA/GSFC	G. I. Langston	Timing Binary Pulsars at the GBT [I. Stairs]	L	P	14	5.00
GBT03B-014	Stairs, I. Ransom, S. Kaspi, V. Hessels, J. Backer, D. C.	University of British Columbia McGill University McGill University McGill University University of California, Berkeley	G. I. Langston	Confirming the Pulsar Candidate in the Globular Cluster M80 [I. Stairs]	L8	B	20 21 [19]	14.00 [8.00]

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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GBT03B-015	Ransom, S. Stairs, I. Kaspi, V. Hessels, J. Backer, D. C.	McGill University University of British Columbia McGill University McGill University University of California, Berkeley	G. I. Langston	Timing the Pulsars in the Globular Cluster M30 [S. Ransom]	LS	B	20 21	5.00
GBT03B-022	Roberts, M. Ransom, S. Kaspi, V. Hessels, J. Backer, D. C.	McGill University (Physics Dept) McGill University McGill University McGill University University of California, Berkeley	F. D. Ghigo	Deep Pulse Searches of Galactic Gamma-Ray Sources [M. Roberts]	8L	B	27 28 29	8.00
GBT03B-026	Roberts, M. Hessels, J. Ransom, S. Kaspi, V. Tam, R. Livingstone, Maggie Backer, D. C. Crawford, F.	McGill University (Physics Dept) McGill University McGill University McGill University McGill McGill University of California, Berkeley Haverford College	F. D. Ghigo	Timing of a Millisecond Pulsar Discovered in a Survey of Mid-Latitude EGRET Error Boxes [M. Roberts]	L8	B	26 27 28 29	11.75
GBT03B-030	Benjamin, R. Lockman, F. J.	University of Wisconsin at Madison (Physics) NRAO-GB	F. J. Lockman	High Velocity Clouds Interacting with the Milky Way? [R. Benjamin]	L	P	[18 19]	[13.00]
GBT03B-038	Beaulieu, S. Freeman, K. Lockman, F. J.	Universite Laval Australian National University NRAO-GB	F. J. Lockman	Observations of HI in Two Dwarf Spheroidal Galaxies [S. Beaulieu]	L	P	5	3.00
Comm	O'Neil			Spigot Card Checkout	L	S	29 30	12.00
Maint	NRAO staff			Install PF1			12	3.00
Maint	NRAO staff			Maintenance			2 3 4 8 9 10 11 15 16 17 18 22 24 25 29 [23 30]	170.50 [24.00]
Not Sched	NRAO staff						3 23	6.00
Setup	NRAO staff			Observation setup	LS38	PVSBD	1 2 3 4 6 7 8 9 10 13 14 15 16 17 20 21 26 27 28 29 [19 24 26 30]	35.00 [9.00]
Tests	Norrod			Basline tests	K	S	(22 23 26 27)	(12.50)
Tests	Maddalena			K band rcvr co	K	SP	(17 18 19 24 25)	(33.00)

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Tests	Minter			M&C Reg Tests	LCSUX	DSP	28	12.25
Tests	Balser			PCO 2A21	LCS	S	[23 25]	[10.00]
Tests	Balser Braatz			PCO 2C20	C	S	[26]	[3.75]
Tests	Ghigo			PCO 3C1	LX	O	[18 22 23]	[12.00]
Tests	Ghigo			PCO 3C2	C	S	[26]	[3.25]
Tests	Langston			PCO*3 1A61	3	DSP	12	2.00
Tests	Langston			PCO*6 1A61	6	DSP	5	5.00
Tests	Langston			PCO*8 1A58	8	S	28	3.25
Tests	O'Neil			PCO*8 2C8	8	DSP	20	6.00
Tests	Prestage			PTCS tests	LCUSXU	DSP	5 6 11 12 (19 20 23 24 25 26 30)	48.00 (87.00)
Total Hrs	Astronomy	284.50	68.50					
	Setup	35.00	9.00					
	Commissioning	12.00						
	Maintenance	173.50	24.00					
	Un-assigned	6.00						
	Tests	209.00	2					

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