

GBT Observing Schedule for August 2003

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BF073	Fomalont, E. B. Geldzahler, B. J. Bradshaw, C. Fender, R.P. van der Klis, M. DiSalvo, T. Stella, L.	NRAO-CV George Mason University George Mason University University of Amsterdam University of Amsterdam University of Virginia Osservatorio Astronomico di Br	F. D. Ghigo	VLBI / INTEGRAL 48 Hour Observations of Sco X-1 [E. B. Fomalont]	X	V	1	2.00
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 continuum observations of the LIRG NGC 7674 [E. Momjian]	CX	V	30 31	6.00
GBT02A-002	Turner, B. Heiles, C. E.	NRAO-CV University of California	A. Minter	A Search For The C4H Zeeman Effect In Dense Molecular Clouds As A Test Of Polarization Characteristics Of The Gbt [B. Turner]	X	SP	1 2	18.00
GBT02A-012	Minter, A. Balsler, D.	NRAO - Green Bank NRAO - Green Bank	A. Minter	Probing HI Structure On Sub-A.U. - A.U. Scales: Hydrodynamical or MHD Turbulence? [A. Minter]	L	P	18	2.00
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	22 23	11.25
GBT02A-062	Camilo, F. Halpern, J. P. Stairs, I. Backer, D. C. Arzoumanian, Z.	Columbia Astrophysics Laboratory Columbia University University of British Columbia University of California, Berkeley NASA/GSFC	A. Minter F. D. Ghigo	Studying PSR J2229+6114: an Energetic Gamma-ray Emitting Young Pulsar [F. Camilo]	L36	B	11 21 30 31	8.00
GBT02B-006	Yusef-Zadeh, F. Roberts, D.A. Maddalena, R.	Northwestern University North Western University NRAO-Green Bank	R. Maddalena	A Survey of Supernova Remnant Masers at OH (1720, 1665/67 MHz) [F. Yusef-Zadeh]	L	S	15	6.25
GBT02C-009	Heiles, C. E. Robishaw, T.	University of California University of California at Berkeley	A. Minter K. O'Neil	The Global Galactic Magnetic Field inside the Solar Circle [C. E. Heiles]	L	SP	3 4 5 8 9 10 12 13 14	64.25
GBT02C-010	Heiles, C. E. Robishaw, T.	University of California University of California at Berkeley	A. Minter	Zeeman splitting of the 21-cm emission line of the Warm Neutral Medium [C. E. Heiles]	L	SP	1 2 3	29.50
GBT02C-046	Troland, T. H. Heiles, C. E.	University of Kentucky University of California	K. O'Neil	The strength and structure of the Galactic-wide magnetic field (HI Zeeman) [T. H. Troland]	L	P	6 7 8 9 10	48.00
GBT02C-060	Nice, D. Stairs, I. Arzoumanian, Z.	Princeton University University of British Columbia NASA/GSFC	F. D. Ghigo	Pulsar Orbital Velocities from Scintillation Measurements [D. Nice]	3	PB	16 17 18 19 20 21 22 23 24 25	34.00
GBT03A-014	Lockman, F. J.	NRAO-GB	F. J. Lockman	Halo HI Clouds: Distribution and Properties [F. J. Lockman]	L	PD	22 23 25 30 31	24.00

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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GBT03A-016	Stairs, I. Manchester, R. N. Lyne, A. G.	University of British Columbia Australia Telescope NRAL	A. Minter	The Physics of a Massive Pulsar System [I. Stairs]	L	BP	2	2.25
GBT03B-013	Yun, M. Schneider, S. E. Brinks, E. Bravo-Alfaro, H.	University of Massachusetts University of Massachusetts INAOE Universidad de Guanajuato, Mexico	K. O'Neil G. I. Langston	An Unbiased HI Survey of the Coma Cluster and Beyond [M. Yun]	L	S	15 17	26.00
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	A. Minter	Timing the Pulsars in the Globular Cluster M30 [S. Ransom]	LS	B	11	3.75
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	19 25 26 27 28 [27]	25.00 [6.00]
Maint	NRAO staff			Maintenance			4 5 6 7 11 12 13 14 18 19 20 21 25 26 27 28	193.00
Not Sched	NRAO staff						30 31	22.50
Setup	NRAO staff			Observation setup	CXL368S	VSPBD	1 2 3 4 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 30 31 [27]	46.50 [1.00]
Tests	Minter			M&C Reg Tests	LSCUX	DSP	17	5.75
Tests	Prestage			PTCS Tests	LCXSU	DSP	24	13.75
Tests	Prestage			PTCS tests	XCSLU	DSP	3 5 6 8 14 15 16 19 20 26 28 29 (27)	99.50 (7.00)
Tests	NRAO staff			SDS Targets	LSCXU	DSP	11 12 13 14	21.00
Tests	Radziwill			Software Tests	LCSXU	DSP	1 2 3 22	6.00
Tests	Kaplan			Spigot Card tests	3L	S	22 23 24	18.75
Total Hrs	Astronomy Setup	310.25 46.50	6.00 1.00					

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	Maintenance	193.00						
	Un-assigned	22.50						
	Tests	171.75						
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