GBT Observing Schedule for December 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	3 4 6 17 22 29	42.50
BB278	Braatz, J. A. Condon, J. J. Reid, M. J. Henkel, C. Lo, F.K. Y. Kuo, C-Y. Impellizzeri, C.M.V. Hao, L.	NRAO - CV NRAO-CV Center for Astrophysics MPIfR NRAO-CV UVA NRAO Cornell Dept. of Astronomy	Jim Braatz	The Megamaser Cosmology Project: Year 3 [J. A. Braatz]	K	5	30	9.25
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]	K	S	19	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]	8L	YU	12 13 19	15.75
GBT09B-061	Heatherly, S. Rosen, R.	NRAO-GB NRAO-GB		Maintenance Observing with the GBT [S. Heatherly]	38	U	16	5.75
GBT09C-046	Zeiger, B. Darling, J.	U Colorado U Colorado	Frank Ghigo	Searching for Molecular Oxygen, the Hidden Key to Oxygen Chemistry in the ISM [B. Zeiger]	B	S	4	2.50
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 7 8 21 22 23 24 27 28 29 30 31	77.00

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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	2 15	6.00
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	20	5.00
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]	3	U	7 9	2.75
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	3	1.00
GBT10A-083	Rosen, R. Heatherly, S.	NRAO-GB NRAO-GB		Maintenance Observing with the GBT [R. Rosen]	83	U	12 30	5.50
GBT10B-003	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	Daniel Perera	Atomic and Molecular Gas in the Most Distant Galaxies [S. Curran]	3	S	29	3.00
GBT10B-006	Alves, F. Girart, J. M.	IEEC IEEC - Barcelona	Frank Ghigo	Testing the effects of the magnetic field in the evolution of starless cores [F. Alves]	L	P	6	5.25
GBT10B-008	Kanekar, N. Prochaska, J. Chengalur, J.	NCRA UC Santa Cruz TIFR	Daniel Perera	A search for redshifted HI-21cm absorption in strong MgII/FeII absorbers. [N. Kanekar]	8	P	13 14 16 17 18 19	32.00
GBT10B-010	Wagg, J. Kanekar, N.	ESO NCRA	Daniel Perera	The molecular gas content of Lyman Alpha emitters at z~6.5 [J. Wagg]	U	S	11	7.25

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GBT10B-022	Wootten, H. A. Gerin, M. Lis, D. C. Roueff, E.	NRAO-CV Obs de Paris Caltech Obs de Paris	Jim Braatz	GBT Survey of 15N Ammonia in Dense Cores [H. A. Wootten]	K	S	8	4.25
GBT10B-033	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 Instituto di Astrofisica Instituto di Astrofisica Instituto di Astrofisica NAIC UWV	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	8	Y	20 21	5.25
GBT10B-038	Stairs, I. Thorsett, S. Arzoumanian, Z. Sigurdsson, S.	UBC UC Santa Cruz USRA Penn State	Scott Ransom	The Pulsar Triple System in M4 [I. Stairs]	L	UY	2	0.75
GBT10C-003	Larionov, G.V.M. Henning, T.	Sobolev Astro. Inst. Jena, Friedrich-Schiller-Unive	Daniel Perera	A search for negative molecular ions in diffuse interstellar clouds [G.V.M. Larionov]	K	S	10 12 13	8.00
GBT10C-004	Wagg, J. Hughes, D. H. Aretxaga, I. Dunlop, J. Montana, A.	ESO Instituto Nacional de Astrofisica [INAOE] Instituto Nacional de Astrofisica, Optica y Electr ROE INAOEP	Daniel Perera	HDF850.1 as part of a large-scale structure of submm galaxies at z~4 [J. Wagg]	Q	S	9 10	7.75
GBT10C-006	Morgan, L. Figura, C. Urquhart, J. Moore, T. Eden, D.	St Mary's University University of Leeds Liverpool John Moores University	Glen Langston	Environmental Effects Upon Star Formation [L. Morgan]	F	S	18 20	6.25
GBT10C-013	Tarchi, A. Castangia, P. Brunthaler, A. Braatz, J. A. Henkel, C.	INAF INAF MPIfR NRAO - CV MPIfR	Jim Braatz	Search for a Maser Flare in the FRII Galaxy 3C403 [A. Tarchi]	K	S	9	1.25
GBT10C-014	Hankins, T. H. Eilek, J. Jones, A.	NMIMT NMIMT Caltech	Toney Minter	Crab Nebula Pulsar Giant Pulses at Centimeter Wavelengths: II [T. H. Hankins]	UKBQ	UO	1 2 3 4 5 8 9 11	32.25

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GBT10C-015	Urquhart, J. Morgan, L. Hoare, M.G. Figura, C.	University of Leeds St Mary's University University of Leeds	Daniel Perera	The RMS survey: probing the environments of young massive stars [J. Urquhart]	K	S	10	3.00
GBT10C-017	Dicker, S. Mason, B.S. Sarazin, C. L. Mroczkowski, A. Korngut, P. Reese, E. Sun, M. Devlin, M.J. Romero, C. Reese, E.	UPenn NRAO-GB University of Virginia UPenn UPenn UPenn UVA UPenn UPenn	Brian Mason	Imaging Massive Cluster Mergers Through the Sunyaev-Zel'dovich Effect [S. Dicker]	M		29 30 31	9.00
GBT10C-019	Braatz, J. A. Condon, J. J. Henkel, C. Lo, F.K. Y. Reid, M. J. Kuo, C-Y. Impellizzeri, C.M.V. Humphreys, E.M.L. Huchra, J.	NRAO - CV NRAO-CV MPIfR NRAO-CV Center for Astrophysics UVA NRAO Harvard-Smithsonian Center for Astrophysics Center for Astrophysics	Jim Braatz	The Megamaser Cosmology Project. IV [J. A. Braatz]	K	S	18 19 20 21 23 24	30.75
GBT10C-021	Urquhart, J. Morgan, L. Figura, C.	University of Leeds St Mary's University	Glen Langston	The RMS survey: NH3 mapping of triggered massive star forming regions [J. Urquhart]	F	S	18 19	6.00
GBT10C-024	Moore, T. Morgan, L. Eden, D.	Liverpool John Moores University St Mary's University	Glen Langston	Protostellar core sizes in W3 and Perseus [T. Moore]	F	S	15 16 19 20	15.50
GBT10C-030	Sakai, N. Shiino, T. Hirota, T. Sakai, T. Yamamoto, S.	U Tokyo U Tokyo NAOJ-VERA NAOJ U Tokyo	Jules Harnett	Search for Long Carbon-Chains in the Newly Found Starless Core, Lupus-1A [N. Sakai]	U	S	2 3 4 7 10 11 14	25.75
GBT10C-032	Sakai, N. Sakai, T. Yamamoto, S.	U Tokyo NAOJ U Tokyo	Jules Harnett	Probing Carbon-Chain Growth with the 13C Isotopomers [N. Sakai]	KQ	S	1 2 4 8 9 10 11	19.75
GBT10C-034	Ford, A. Lockman, F. J.	NRAO-GB	Jay Lockman	The Molecular Link Between Supershells and Halo Clouds [A. Ford]	L	S	2 7 22 23 24 29	30.50
GBT10C-035	Minter, A.	NRAO - Green Bank	Toney Minter	Investigating the small-scale structure of HI [A. Minter]	L	M	1 3 5 8 12 14 15 16 22 23 27 28 30 31	62.00

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GBT10C-039	Darling, J. Willett, K. Gill, A.	U Colorado U Colorado	Daniel Perera	A Water Maser Survey of M31: The First Step Toward Proper Motion [J. Darling]	K	S	4 8	7.00
GBT10C-043	Ries, P. Hunter, T. Mason, B.S.	UVA NRAO-CV NRAO-GB	Brian Mason	Observations of Iapetus's Thermal Light Curve [P. Ries]	B	K	4	1.50
GBT10C-051	Hoffman, I.M.	St. Paul's School	Anish Roshi	Renewed Interest in the Rare Ammonia Maser in NGC 7538 [I.M. Hoffman]	K	S	8	1.50
GBT10C-061	Cordiner, M. Charnley, S.B. Millar, T. Buckle, J. Milam, S.	NASA GSFC Queen's U Belfast Cavendish	Jules Harnett	Continuing the targeted search for hydrocarbon anions [M. Cordiner]	B	S	2	2.75
GBT10C-070					L		4	1.50
GLST031050	Ray, P.S. Camilo, F. Ransom, S. DeCesar, M. Roberts, M. Saz-Parkinson, P. Dormody, M Ziegler, M	NRL Columbia NRAO-CV U Maryland Eureka Scientific UCSC UCSC UCSC	Scott Ransom	SEARCH FOR RADIO PULSATIONS FROM GAMMA-RAY PULSARS DISCOVERED WITH FERMI [P.S. Ray]	S3	U	22 28	6.00
GLST031123	Camilo, F. Ransom, S. Roberts, M. McLaughlin, M. Ray, P.S. Kerr, M. Hessels, J. W. T.	Columbia NRAO-CV Eureka Scientific WVU NRL U Washington U Amsterdam	Scott Ransom	RADIO TIMING OF KEY FERMI PULSARS [F. Camilo]	LS38	U	6 7 12 18 20 31	13.25
GLST031191	Kovalev, Y.A.	Astro Space Center	Frank Ghigo	1FGL ACTIVE GALACTIC NUCLEI AT PARSEC SCALES [Y.A. Kovalev]	X	5	5 6 26 27	49.00
GLST031250	Ransom, S. Ray, P.S. Camilo, F. McLaughlin, M. Roberts, M. Kerr, M. Arzoumanian, Z. Hessels, J. W. T.	NRAO-CV NRL Columbia WVU Eureka Scientific U Washington USRA U Amsterdam	Scott Ransom	SEARCHING FOR MORE RADIO MILLISECOND PULSARS IN FERMI UNASSOCIATED SOURCES [S. Ransom]	8	U	11 12 13 14 15 16 17 18 19	57.50
Shutdown	NRAO staff			Un-assigned Shutdown			24 25 26	36.00
Maint	NRAO staff			Maintenance			1 3 9 10 15 16	56.00

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							18 21 28 29	
Tests	NRAO staff			KFPA Followup Tests	F		15	1.00
Tests	NRAO staff			KFPA cal measurements	F		15	2.00
Tests	X			RFI Checkout	X8U3L		7 9 14 28 31	8.00
Tests	Ku			Receiver Checkout	UK83		1 8 9 21	4.75
Tests	Minter			Shutdown	L		24	0.50
Tests	Minter			Startup	L		26	2.50
Total Hrs	Shutdown	36.00						
	Astronomy	633.25						
	Maintenance	56.00						
	Un-assigned							
	Tests	18.75						

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