

VLBA Observations for December 1 through December 31, 2014

Project	Observer		Bands	Obs Date	Obs Hours	Scale	Scaled Obs Hrs
BB326	Barrett, Paul		4cm	12/06,14/2015	10	14.60	145.64
BB348	Braatz, J.A.		1cm	12/08,12/2015	12	7.97	95.65
BF110 *	Fey, A.		13,4cm	12/03/15	24	1.35	32.40
BF112	Falcke, Heino		.7cm	12/31/15	6.5	14.08	91.53
BG219	Gordon, David		4,13cm	12/20/15	24	12.51	300.22
BG228	Godd, C.		1cm	12/27/15	8	1.36	10.89
BG231	Gomez, J.F.		1cm	12/11,24/2015	10	2.73	27.29
BG232	Gu, Minfeng		6cm	12/22/15	8	11.16	89.32
BL193	Lister, M.		2cm	12/12/15	24	13.39	321.37
BM413	Marscher, A.		.7cm	12/05,29/2015	48	13.15	631.17
BM414	Max-Moerbeck, Walter		.7,2,1cm	12/07/15	12	15.09	181.06
BP178	Perez-Torres, M.A.		13,4cm	12/28/15	2.75	14.87	40.34
BP187	Pihlstrom, Y.		.7mm	12/22/14	7.25	4.44	32.22
BR198	Reid, M.		1cm	12/01,01,06,18,19/2015	28.75	2.25	64.64
BS237	Burke-Spolaor, Sarah		4,6,13cm	12/03,16,19,21,23,24,26,28,30/2015	23.75	13.78	327.24
BT127	Tingay, S.		20cm	12/01,02,05,07,09,09,10,19,21,22,23,26/2015	51	15.19	774.65
BY137	Yan, Zhen		13,4cm	12/14,29/2015	6	13.59	81.54
BZ046	Zhang, Bo		1,.7cm	12/09,11/2015	10	2.14	21.37
GL042	Lobanov, A.		1cm	12/26/15	8	1.91	15.30
N4xxx **	Boboltz, D.		13,4cm	daily	6.2	9.18	56.92
S6117 ***	Plner, B.G.		4cm	12/01/15	8	14.70	117.83
S6407 ***	Richards, Joseph		1,2,6cm	12/15/15	24	11.58	277.90
S7017 ***	Plner, B.G.		4cm	12/09/15	8	14.92	119.32

Totals					370.20		3855.60
Percentage					49.76		518.23

Number of hrs of observing possible =	744		
Number of hrs of astronomical observations =	370.2	49.76%	
Number of hrs of calibration/tests =	78.1	10.50%	
Number of hrs of maintenance =	88.5	11.90%	
Number of unscheduled hours =	175.2	23.55%	
Number of shutdown hours =	32	4.30%	
Totals	744	100.00%	

Downtime=	4.40%	16.29 hrs
Actual observing=	370.2	353.91 hrs

Based on Scaled (128Mbps) Observing Hours

Number of scaled hrs of astronomical observations=		3855.60 hrs
Downtime=	4.40%	169.65 hrs
Actual observing=	3855.60	3685.95 hrs

* RV108 geodesy project
 ** USNO Daily Observations
 *** Fermi project

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VLBA Observations for November 1 through November 30, 2014

Project	Observer	Bands	Obs Date	Obs Hours	Scale	Scaled Obs Hrs
BA111	An, Tao	.7,3cm	11/21,29,30/2014	11.5	14.25	163.84
BB344	Burgasser, Adam	4,6cm	11/14/14	8	12.54	100.86
BD178	Deller, A.	20cm	11/04,16/2014	8	15.38	123.05
BF108	Forbrich, J.	6cm	11/04,26/2014	12	11.30	135.63
BG216	Gomez, J.L.	4,6,.7,1,20,2,.3cm	11/21/14	9.76	13.06	127.37
BG227	Gupta, N.	20cm	11/02/14	2.5	14.21	35.53
BG232	Gu, Minfeng	6cm	11/09,20/2014	16	12.97	207.46
BH196	Hough, D.H.	6,2,4cm	11/18/14	8	7.42	69.33
BL175	Loinard, Laurent	6cm	11/02/14	6.75	13.51	91.17
BL193	Lister, M.	2cm	11/17/14	24	12.98	311.13
BM393	Mells, Carl	4cm	11/15,22/2014	20	13.59	271.84
BM397	McKean, John	6cm	11/01/14	1.5	16.61	23.42
BM401	Mells, Carl	4,6cm	11/19/14	9	12.87	115.81
BM413	Marscher, A.	.7cm	11/15/14	24	13.10	314.48
BP185	Petrov, L.	6cm	11/03,05,06/2014	6	9.09	54.52
BP188	Pasetto, A.	1,2cm	11/10/14	4.5	15.46	69.55
BR198	Reid, M.	1,6cm	11/01,01,02,03,06,07,08,09,10,11,18,20,22,23,24,28,29,30/2014	119.75	2.47	295.60
BS237	Burke-Spolaor, Sarah	6,13,4cm	11/04,05,06,07,08,09,11,12,14,21,21,23,24,25,25,26,29/2014	36	13.67	492.19
BT127	Tingay, S.	20cm	11/03,04,05,07,08,11,12,21,23,23,24,25,25,27,30/2014	47	15.71	738.43
BY137	Yan, Zhen	4,13cm	11/29/14	3	13.69	40.77
BZ046	Zhang, Bo	.7,1cm	11/01,08/2014	10	2.35	23.53
BZ047	Zhang, Bo	1cm	11/26/14	6	2.41	14.45
GP053	Perez-Torres, M.A.	4cm	11/03/14	6	7.51	45.05
N42xxx *	Boboltz, D.	13,4cm	daily	6	9.18	55.08
S6117 **	Piner, B.G.	4cm	11/10/14	8	14.78	118.22
S7017 **	Piner, B.G.	1,.7cm	11/11/14	7	14.79	103.50
Totals				420.25		4131.29
Percentage				58.37		573.79
Number of hrs of observing possible =		720				
Number of hrs of astronomical observations =		420.25		58.37%		
Number of hrs of calibration/tests =		46.476		6.45%		
Number of hrs of maintenance =		75		10.42%		
Number of unscheduled hours =		154.276		21.43%		
Number of shutdown hours =		24		3.33%		
Totals		720		100.00%		
Downtime=		7.30%		30.68 hrs		
Actual observing=	420.25	-30.68		389.57 hrs		
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Based on Scaled (128Mbps) Observing Hours						
Number of scaled hrs of astronomical observations=				4131.29 hrs		
Downtime=		7.30%		301.58 hrs		
Actual observing=	4131.29	-301.58		3829.70 hrs		

* USNO Daily Observations
 ** Fermi project

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VLBA Observations for October 1 through October 31, 2014

Project	Observer		Bands	Obs Date	Obs Hours	Scale	Scaled Obs Hrs
BB303	Brunthaler,	A.	1cm	10/06/14	7.75	2.45	19.03
BB325	Bannister,	Keith	20cm	10/05,20,26/2014	2	13.71	27.41
BB335	Varenius,	Eskil	4,6cm	10/13/14	12	14.11	169.36
BB348	Braatz,	J.A.	1cm	10/05,27/2014	12	11.37	136.46
BD174	Deller,	A.	13,20cm	10/04,05,27/2014	3	7.76	23.29
BF110 *	Fey,	A.	13,4cm	10/14/14	24	1.35	32.40
BG227	Gupta,	N.	20cm	10/28/14	3	14.62	43.87
BL175	Loinard,	Laurent	4,6cm	10/02,03,06,07,07,10,12,12,14,15,18,19,21,22,24,25/2014	111.25	13.48	1,499.83
BL200	Liu,	Yi	20,6cm	10/26/14	8	13.45	107.57
BM393	Melis,	Carl	4cm	10/04,11/2014	20	13.33	266.58
BP178	Perez-Torres,	M.A.	13,4cm	10/26/14	2.75	14.67	40.34
BP185	Petrov,	L.	6cm	10/06,28/2014	4.5	9.78	44.03
BP188	Pasetto,	A.	1,2cm	10/31/14	7.25	15.23	110.43
BR149	Reid,	M.	6cm	10/20/14	7	2.76	19.35
BR198	Reid,	M.	1,6cm	10/01,01,02,04,05,09,11,16,17,17,18,23,24,25,27,29,30,31/2014	119	2.50	297.56
BR201	Rauch,	Christoph	.7,1cm	10/04/14	6	6.90	41.42
BS237	Burke-Spolaor,	Sarah	4,6,13cm	10/03,04,06,22,27,28,30/2014	18	13.65	245.63
BT127	Tingay,	S.	20cm	10/05,05,08,12,13,16,20,26,28,30/2014	33	15.05	496.51
GB074	Bietenholz,	M.	6cm	10/22/14	22	6.53	143.55
GB075	Boccardi,	Biagina	.7cm	10/19/14	15	6.26	93.96
GB076	Bartel,	N.	20cm	10/28/14	24	7.52	180.45
GJ014	Jackson,	N.	6cm	10/21/14	12	7.23	86.72
GP053	Perez-Torres,	M.A.	6,20cm	10/20,27/2014	12	7.59	91.08
N42xxx **	Boboltz,	D.	13,4cm	daily	6.2	9.18	56.92
S7017 ***	Piner,	B.G.	1,.7cm	10/01/14	7	14.39	100.75
Totals					498.7		4374.49
Percentage					67.03		587.97
Number of hrs of observing possible =			744				
Number of hrs of astronomical observations =			498.7	67.03%			

Number of hrs of calibration/tests =	39.85		5.36%
Number of hrs of maintenance =	63.25		8.50%
Number of unscheduled hours =	142.2		19.11%
Number of shutdown hours =	0		0.00%
Totals	744		100.00%
Downtime=	9.00%		44.88 hrs
Actual observing=	498.7	-44.88	453.82 hrs

Based on Scaled (128Mbps) Observing Hours

Number of scaled hrs of astronomical observations=			4374.49 hrs
Downtime=	9.00%		393.70 hrs
Actual observing=	4374.49	-393.7	3980.78 hrs

- * BF110 = RV107 (geodesy)
- ** USNO Daily Observations
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VLBA Observations for September 1 through September 30, 2014

Project	Observer	Bands	Obs Date	Obs Hours	Scale	Scaled Obs Hrs
BB303	Brunihaler, A.	1cm	09/04,11/2014	12.5	2.44	30.55
BB320	Busch, M.	4cm	09/07/14	0.5	1.00	.50
BB350	Bannister, Keith	13,20,6cm	09/01/14	6	7.58	45.49
BD174	Deller, A.	20,13cm	09/02,04,08,11,15,19,22/2014	7	7.79	54.56
BE067	Ellingsen, Simon	6cm	09/07/14	5.5	3.07	16.88
BF110 *	Fey, A.	13,4cm	09/03/14	24	1.35	32.40
BJ082	Dhawan, V.	4cm	09/15/14	4	13.24	52.96
BL175	Loinard, Laurent	4cm	09/03,06,07,08,09,13,14,15,19,20,21,22,30/2014	87.25	13.32	1,162.39
BL193	Lister, M.	2cm	09/01/14	24	12.74	305.86
BL196	Petrov, L.	6,13,4cm	09/06/14	5	13.81	69.05
BL200	Liu, Yi	20,6cm	09/18/14	6	12.41	74.47
BM401	Melis, Carl	4,6cm	09/12/14	9	12.90	116.14
BM413	Marscher, A.	.7cm	09/23/14	24.25	13.10	317.66
BP185	Petrov, L.	6cm	09/05,07,12,14,20/2014	20	9.75	194.96
BR198	Reld, M.	1,6cm	09/05,06,08,09,12,13,14,18,19,20,21,22,25,29,30/2014	104	2.49	259.04
BS237	Burke-Spolaor, Sarah	13,4,6cm	09/21,21,22,24,30/2014	12	13.59	163.12
BT127	Tingay, S.	20cm	09/05,08,08,09,10,13,19,30/2014	31	15.00	464.92
BY136	Yan, Zhen	20cm	09/05/14	4	14.77	59.08
C142 **	Krichbaum, T.	.3,.7cm	09/26/14	4	10.81	43.24
GH011	Hodgson, .3,.7cm		09/26/14	14	10.81	151.33
MA002	Alberdi, .3,.7cm		09/27,29/2014	16	10.81	172.94
MB001	Boccardi, .3,.7cm		09/26/14	15	10.81	162.14
MM001	Marscher, A. .3,.7cm		09/27/14	43	10.81	464.81
N4xxx ***	Boboltz, D.	13,4cm	daily	6	9.18	55.06
S7017 ****	Piner, B.G.	2,4cm	09/16/14	8	14.63	117.04

Totals 492 4586.58
 Percentage 68.33 637.02

Number of hrs of observing possible =	720	
Number of hrs of astronomical observations =	492	68.33%
Number of hrs of calibration/tests =	46.6	6.47%
Number of hrs of maintenance =	99	13.75%
Number of unscheduled hours =	82.4	11.44%
Number of shutdown hours =	0	0.00%
Totals	720	100.00%

Downtime= 4.20% 20.66 hrs
 Actual observing= 492 -20.66 471.34 hrs

Based on Scaled (128Mbps) Observing Hours

Number of scaled hrs of astronomical observations=		4586.58 hrs
Downtime=	4.20%	192.64 hrs
Actual observing=	4586.58	-192.64 4393.94 hrs

* BF110 = RV106 (geodesy)
 ** GMVA additional calibration (GMVA consists of GH011, MA002, MB001, MM001)
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VLBA Observations for August 1 through August 30, 2014

Project	Observer		Bands	Obs Date	Obs Hours	Scale	Scaled Obs Hrs
BB326	Barrett, Paul		4cm	08/08,10/2014	10	14.45	144.45
BB335	Varenius, Eskil		4,6cm	08/01/14	12	14.11	169.36
BB339	Bower, G.		.7,2,4cm	08/23/14	6	15.55	93.29
BB350	Bannister, Keith		6cm	.07,11,11,13,13,17,17,19,19,23,23/2014	13.5	6.00	81.00
BD174	Deller, A.		20,13cm	08/03,07,12,17,19,24,26/2014	7	7.76	54.32
BD187	Momjian, E.		20cm	08/26/14	1	15.66	15.66
BG219	Gordon, David		13,4cm	08/05,09/2014	48	12.33	591.97
BG227	Gupta, N.		20cm	08/19/14	0.5	15.16	7.58
BH197	Herzog, Andreas		20cm	08/03,03/2014	2	15.61	31.21
BL175	Loinard, Laurent		4,6cm	08/29,31/2014	12.5	13.88	173.56
BL193	Lister, M.		2cm	08/01/14	4.25	13.55	57.60
BL196	Petrov, L.		13,4,6cm	08/17,23,26,29/2014	8.5	13.52	114.89
BM393	Melis, Carl		4cm	08/23,30/2014	20	13.64	272.90
BM399	Miller-Jones, J.		6cm	08/13,22/2014	3	15.20	45.61
BOD47	Orosz, Gabor		20cm	08/01,07,14/2014	12	1.00	12.00
BP178	Perez-Torres, M.A.		13,4cm	08/02,04,12,14/2014	16.5	15.40	254.16
BP185	Petrov, L.		6cm	08/15,17,22,25,26,29,31/2014	27.25	10.02	273.02
BR186	Deller, A.		20cm	08/10,22/2014	6	15.16	90.97
BR198	Reid, M.		1cm	08/04,21,24,25,26/2014	34.5	2.31	79.60
BR202	Rushton, Anthony		.7,1cm	08/30/14	8	15.90	127.21
BS229	Sadler, E.		1cm	08/15/14	7.25	16.12	116.86
BS237	Burke-Spolaor, Sarah		6,13,4cm	08/02,02,03,04,07,17,18/2014	20	14.00	279.90
BT127	Tingay, S.		20cm	.08,08,11,11,12,13,16,18,24,27,30/2014	68	15.69	1,066.75
BW112	Wilcoats, E.		20,6cm	08/12,14,17,17,18,22,23/2014	18	3.73	67.18
BZ046	Zhang, Bo		1,.7mm	08/15,24/2014	10	2.14	21.37
N4xxx *	Boboltz, D.,		13,4cm	daily	6.2	8.88	55.08
S6407 **	Richards, Joseph		2,6,1cm	08/28/14	24	11.57	277.76
S7017 ***	Piner, B.G.		.7,1,4,2cm	08/18,21,25/2014	21	14.28	299.90
SF408 ***	Roberts, D.H.		6cm	08/10,12,14,16,18,21/2014	12	14.63	175.61
Totals					438.95		5050.76
Percentage					59.00		678.87

Number of hrs of observing possible =	744		
Number of hrs of astronomical observations =	438.95	59.00%	
Number of hrs of calibration/tests =	48.95	6.58%	
Number of hrs of maintenance =	84	11.29%	
Number of unscheduled hours =	172.1	23.13%	
Number of shutdown hours =	0	0.00%	
Totals	744	100.00%	
Downtime=	3.70%	16.24 hrs	
Actual observing=	438.95	-16.24	422.71 hrs

Based on Scaled (128Mbps) Observing Hours

Number of scaled hrs of astronomical observations=			5050.76 hrs
Downtime=	3.70%		186.88 hrs
Actual observing=	5050.76	-186.88	4863.88 hrs

* USNO Daily Observations
 ** Fermi project
 *** Chandra project

VLBA Utilization Report July 2014

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Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BB303	Brunthaier, A. Reid, M. Menten, K. Bower, G. Darling, J. Falcke, H. Garrett, M. Henkel, C. Loeb, A. Loinard, L. Oosterlo, T. Roediger, E. Sjouwerman, L. Tarchi, A. van Gorkom, J.	MPIfR CfA MPIfR Calif., Berkeley Colo., Boulder Nijmegen ASTRON MPIfR CfA UNAM ASTRON Jacobs Univ. NRAO-Socorro INAF Columbia	Proper motion of Galaxies in and beyond the Local Group	1	6,27	24
BB326	Barrett, P. Boboltz, D. Dieck, C. Beasley, A. Singh, K.P. Godon, P. Mason, P.	GW Univ. USNO USNO NRAO-CV TIFR Vilanova Univ. NMSU	VLBA Astrometry of Six Magnetic Cataclysmic Variables	4	20	5
BB344	Burgasser, A. Melis, C. Mioduszewski, A. Berger, E. Forbrich, J. Hallinan, G.	Calif., San Diego Calif., San Diego NRAO-Socorro CfA Wien Univ. Caltech	Distance and Dynamical Masses for the Hyperactive L/T Binary 2MASS J1315- 2649AB	4,6	27	8.5
BB350	Bannister, K. Walker, M. Stevens, J. Johnston, S. Bignall, H.	ATNF Manly Astrophysics ATNF ATNF Curtin Univ.	Daily VLBI follow-up of an in- progress Extreme Scattering Event	6	26,28,30	4.5
BC210	Casadio, C. Gomez, J. Giroletti, M. Giovannini, G. Molina, S. Agudo, I. Perucho, M. Marti, J. Fromm, C. Hada, K. Kino, M. Nagai, H. Doi, A. Belicke, M. Cesarini, A. Krawczynski, H.	IAA IAA INAF INAF IAA Boston Univ. of Valencia Univ. of Valencia MPIfR NAO NAO NAO JAXA Washington., St. Louis Ireland Washington., St. Louis	A sensitive study of the peculiar jet structure HST-1 in M87	6,13	14	8
BC216	Ceglowski, M. Bajraszewska, M. Gawronski, M.	Nicolaus Copernicus Nicolaus Copernicus Nicolaus Copernicus	Compact Complex Morphology Radio Sources	20	12	2
BD170	Deller, A. Middelberg, E.	ASTRON Bochum	Characterizing the mJy compact radio source population with mJIVE-20	20	13,21,22,24,26	6

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Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BD174	Deller, A. Briskin, W. Chatterjee, S. Cordes, J. Goss, M. Janssen, G. Lazio, J. Moldon, J. Petrov, L. Stappers, B.	ASTRON NRAO-Socorro Cornell Cornell NRAO-Socorro Jodrell Bank JPL ASTRON Astrogeo Center Manchester	Evaluating error sources in relative astrometry with in-beam calibrators	13,20	4,7,12,13,20,21,27	7
BE065	Edge, A. Hogan, M. Taylor, G. Fabian, A. Hlavacek-Larrondo, J. Russell, H. McNamara, B. Johnstone, R. Crawford, C. Croston, J. Grainge, K. Salome, P.	Durham Durham UNM Cambridge Stanford Cambridge Univ. of Waterloo Cambridge Cambridge Southampton Manchester IRAM	A VLBA survey of cool core cluster radio sources	6	8,12,13,18,20,26	17.5
BF108	Forbrich, J. Berger, E.	Univ. Wien CfA	VLBA Search for Sub-Stellar Companion to the Unusual Ultracool Dwarf 2M1314+1320	6	29	6
BH197	Herzog, A. Middelberg, E. Collier, J. Norris, R. Deller, A.	Bochum Bochum Western Sydney ATNF ASTRON	The brightness temperatures of Infrared-Faint Radio Sources	20	1,7,8,9,11,13,18,19,21,22,24,25,26	20
BJ082	Jones, D. Romney, J. Dhawan, V. Fomalont, E.	JPL NRAO-Socorro NRAO-Socorro NRAO-CV	Conclusion of Cassini Astrometric Tracking	4	23	4
BK184	Kanekar, N. Momjian, E.	TIFR NRAO-Socorro	The covering factor of high-z damped Lyman-alpha systems	90	1	2
BL193	Lister, M. Aller, H. Aller, M. Arshakian, T.	Purdue Mich., Ann Arbor Mich., Ann Arbor MPIfR	MOJAVE: Jet Kinematics of Accelerating and High-Synchrotron-Peaked Blazars	2	6,18,31	68
BL196	Lazio, J. Petrov, L. Manzno-King, C. Spolaor, S.	JPL Astrogeo Center JPL JPL	A Search for Pairs of Supermassive Black Holes - Filler Observations	4,6,13	8,9,18,19,21,25	18.25
BM352	Melis, C. Reid, M. Stauffer, J. Mioduszewski, A. Bower, G.	Calif., San Diego CfA Caltech NRAO-Socorro Calif., Berkeley	A VLBA Resolution of the Pleiades Distance Controversy	4	5	10

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Prog	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BM353	Marcher, A. Jorstad, S. MacDonald, N. Agudo, I. Gomez, J. Larionov, V. Hagen-Thorn, V. Romney, J.	Boston Boston Boston CSIC CSIC St. Petersburg St. Petersburg NRAO-Socorro	Sub-parsec Imaging of the Gamma-ray Emission Regions of Blazars	0.7	28	24
BM393	Melis, C. Reid, M. Mioduszewski, A. Stauffer, J. Bower, G.	Calif., San Diego CfA NRAO-Socorro Caltech Calif., Berkeley	VLBA Pleiades Distance Controversy Extension	4	12,26	20
BM399	Millier-Jones, J. Chomiuk, L. Strader, J.	Curtin Michigan Michigan	The size scale and variability of black hole X-ray binary jets	6	3,13,24	4.5
BO047	Orosz, G. Imai, H. Asaki, Y. Dodson, R. Engels, D. Etoka, S. Nakanishi, H.	Kagoshima Kagoshima JAXA Western Australia Hamburg Hamburg Kagoshima	Annual parallaxes of hydroxyl masers in OH/IR stars	20	22,24	8
BR197	Roberts, D. Bell, M.	Brandeis Univ. MPIfR	Faraday Rotation Measure Synthesis of the Parsec-Scale Jet of 3C273 - Revised	6,13,20	3	12
BR198	Reid, M.	CfA	Mapping the Milky Way - copy	1,6	2,8,19,20,21,22,25	48.25
BS231	Spolaor, S. Lazio, J. Eracleous, M. Wrobel, J. Bogdanovic, T. Boroson, T. Sigurdsson, S.	JPL JPL Pennsylvania NRAO-Socorro Georgia Inst. NOAO Pennsylvania	Investigating the nuclear origins of off set-velocity broad emission lines	4	5,6,9,13,14	20
BT127	Tingay, S. Wayth, R. Deller, A. Spolaor, S. Briskin, W. Trott, C. Wagstaff, K. Thompson, D.	Curtin Curtin ASTRON JPL NRAO-Socorro Curtin JPL JPL	Continuing the search for FRBs via the VLBA Filler Project Challenge	20	4	46
BY136	Yan, Z. Shen, Z. Briskin, W. Deller, A. Goss, M. Chatterjee, S.	Shanghai Shanghai NRAO-Socorro ASTRON NRAO-Socorro Cornell Univ.	Astrometry of 2 High Declination Pulsars with VLBA and Shanghai 65m Telescope	20	5	4
BZ046	Zhang, B. Zheng, X. Reid, M. Honma, M. Menten, K. Brunthaler, A.	MPIfR Nanjing CfA NAO MPIfR MPIfR	Calibrating the PL Relation for Mira Variables	0.7,1	8	5

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Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
S6407	Richards, J. Lister, M. Foschini, L. Savolainen, T. Homan, D. Kadler, M. Hovatta, T. Readhead, A. Arshakian, T. Chavushyan, V.	Purdue Purdue INAF MPIfR Denison Univ. Wurzburg Owens Valley Radio Obs. Caltech Univ. of Cologne INAOE	Radio and optical monitoring of radio-loud narrow-line seyfert 1 galaxies	1,2,6	1	12.75

VLBA Observatons for July 2014

Project	Observer		Bands	Obs Date	Obs Hours	Scale	Scaled Obs Hrs
BB303	Brunthaler,	A.	1cm	07/06,27/14	24	2.56	61.43
BB326	Barrett,	Paul	4cm	07/20/14	5	14.39	71.95
BB344	Burgasser,	Adam	6,4cm	07/27/14	8.5	12.70	107.98
BB350	Bannister,	Keith	6cm	07/26,26,28,28,30,30/2014	4.5	5.93	26.68
BC210	Casadio,	Carolina	13,6cm	07/14/14	8	15.65	125.19
BC216	Ceglowski,	M.	20cm	07/12/14	2	14.54	29.09
BD170	Deller,	A.	20cm	07/13,21,21,22,24,26/2014	6	4.00	23.98
BD174	Deller,	A.	13,20cm	07/04,07,12,13,20,21,27/2014	7	7.81	54.68
BE065	Edge,	Alastair	6cm	07/08,12,12,13,18,20,26/2014	17.5	13.52	236.68
BF108	Forbrich,	J.	6cm	07/29/14	6	11.30	67.79
BH197	Herzog,	Andreas	20cm	07/01,07,07,08,09,11,13,18,19(3),21,22,22,2 4,25(4),26/2014	20	15.71	314.21
BJ082	Dhawan,	V.	4cm	07/23/14	4	13.06	52.25
BK184	Kanekar,	Nissim	90cm	07/01/14	2	1.00	2.00
BL193	Lister,	M.	2cm	07/06,18,31/2014	68	12.98	882.74
BL196	Petrov,	L.	13,6,4cm	07/08,09,18,19,21,25/2014	18.25	13.66	249.32
BM352	Mells,	Carl	4cm	07/05/14	10	13.76	137.63
BM353	Marscher,	A.	.7cm	07/28/14	24	12.95	310.72
BM393	Mells,	Carl	4cm	07/12,26/2014	20	13.36	267.17
BM399	Miller-Jones,	J.	6cm	07/03,13,24/2014	4.5	15.16	68.24
BO047	Orosz,	Gabor	20cm	07/22,24/2014	8	1.00	8.00
BR197	Roberts,	D.H.	20,13,6cm	07/03/14	12	14.86	178.27
BR198	Reid,	M.	1cm	07/02,08,19,20,21,22,25/2014	48.25	2.26	108.99
BS231	Burke-Spolaor,	Sarah	4cm	07/05,06,09,13,14/2014	20	15.24	304.74
BT127	Tingay,	S.	20cm	07/01,10,11,13,14(3),15,19,20,20,23,30/201 4	46	15.80	726.98
BZ046	Zhang,	Bo	1,7cm	07/08/14	5	2.51	12.55
N4xxx *	Boboltz,	D.	13,4cm	Daily	6.2	9.18	56.92
S6407 **	Richards,	Joseph	1,6,2cm	07/01/14	12.75	11.57	147.55
Totals					417.45		4633.71
Percentage					56.11		622.81
Number of hrs of observing possible =			744				
Number of hrs of astronomical observations =			417.45	56.11%			
Number of hrs of callbration/tests =			60.7	8.16%			
Number of hrs of maintenance =			89	11.96%			
Number of unscheduled hours =			176.85	23.77%			
Number of shutdown hours =			0	0.00%			
Totals			744	100.00%			
Downtime=			10.20%	42.58	hrs		
Actual observing=	417.45		-42.58	374.87	hrs		
Based on Scaled (128Mbps) Observing Hours							
Number of scaled hrs of astronomical observations=				4633.71	hrs		
Downtime=			10.20%	472.64	hrs		
Actual observing=	4633.71		-472.64	4161.08	hrs		
* USNO Daily Observations							
** Fermi project							

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Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BB303	Brunthaler, A. Reid, M. Menten, K. Bower, G. Darling, J. Falcke, H. Garrett, M. Henkel, C. Loeb, A. Loinard, L. Oosterio, T. Roediger, E. Sjouwerman, L. Tarchi, A. van Gorkom, J.	MPIfR CfA MPIfR Calif., Berkeley Colo., Boulder Nijmegen ASTRON MPIfR CfA UNAM ASTRON Jacobs Univ. NRAO-Socorro INAF Columbia	Proper motion of Galaxies in and beyond the Local Group	1	28,29	24
BB320	Busch, M. Benner, L. Briskin, W. Margot, J. Nolan, M. Brozovic, M. Giorgini, J.	UCLA JPL NRAO-Socoro UCLA NAIC JPL JPL	Radar Speckle Observations of Near-Earth Asteroids During 2013-2015	13	8	0.5
BD170	Deller, A. Middelberg, E.	ASTRON Bochum	Characterizing the mJy compact radio source population with mJIVE-20	20	5	1
BD174	Deller, A. Briskin, W. Chatterjee, S. Cordes, J. Goss, M. Janssen, G. Lazio, J. Moldon, J. Petrov, L. Stappers, B.	ASTRON NRAO-Socorro Cornell Cornell NRAO-Socorro Jodrell Bank JPL ASTRON Astrogeo Center Manchester	Evaluating error sources in relative astrometry with in- beam calibrators	13,20	4,12,13,23,27, 29	6
BE065	Edge, A. Hogan, M. Taylor, G. Fabian, A. Hlavacek-Larrondo, J. Russell, H. McNamara, B. Johnstone, R. Crawford, C. Croston, J. Grainge, K. Salome, P.	Durham Durham UNM Cambridge Stanford Camridge Univ. of Waterloo Cambridge Cambridge Southampton Manchester IRAM	A VLBA survey of cool core cluster radio sources	6	5,16,17,23,29	16.25

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Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BF109	Falcke, H. Bower, G. Markoff, S. Brunthaler, A. Ott, J. Brinkerink, C. Moscibrodzka, M. Law, C. Menten, K. Marrone, D. Fish, V. Rushton, A. Morris, M. Krichbaum, T.	Nijmegen Calif., Berkley van Amsterdam MPIfRR NRAO-Socorro Nijmegen Urbana-Champaign Calif., Berkeley MPIfR NRAO-CV Haystack Southampton UCLA MPIfR	Sgr A* on the rise? Triggering VLBA and VLA during the G2 encounter	0.7	3,11	13
BG216	Gomez, J. Molina, S. Marscher, A. Jorstad, S. Dodson, R. Rioja, M. Casadio, C. Agudo, I. Perucho, M. Marti, J. Fromm, C.	CSIC CSIC Boston Boston Western Australia Western Australia CSIC Boston Univ. of Valencia Univ. of Valencia MPIfR	The mm-VLBI radio core and its connection with gamma-ray flares in AGN jets	0.3,0.7,1, 2,4,6,20,	2	11
BG219	Gordon, D. Beasley, A. Jacobs, C. Ma, C. Titov, O. Boboltz, D. Fey, A. Peck, A. Charlot, P. Gaume, R.	NASA NRAO-CV JPL NASA Australia USNO USNO NRAO-CV Obs. de Bordeaux USNO	Second Epoch VLBA Calibrator Survey Observations for ICRF3	4,13	1,9	41.25
BH196	Hough, D. Torresi, E. Grandi, P. Hovatta, T.	Trinity Univ. INAF INAF Caltech	VLBA Imaging of the Nucleus in the Fermi- detected Lobe-dominated Quasar 3C 207	2,4,6	23	8
BH197	Herzog, A. Middelberg, E. Collier, J. Norris, R. Deller, A.	Bochum Bochum Western Sydney ATNF ASTRON	The brightness temperatures of Infrared- Faint Radio Sources	20	5,16,17,18,28	4
BH200	Hough, D.	Trinity Univ.	Morphology and Kinematics of Parsec-scale Jets in Lobe-dominated Quasars	4	14	8
BK184	Kanekar, N. Momjian, E.	TIFR NRAO-Socorro	The covering factor of high- z damped Lyman-alpha systems	90	17	2

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Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BL175	Loinard, L. Hartmann, L. Evans, N. Mioduszewski, A. Rodriguez, L. Briceno, C. Torres, R. Dzib, S. Pech, G.	UNAM Mich., Ann Arbor Texas, Austin NRAO-Socorro UNAM CIDA Bonn UNAM UNAM	The Gould's Belt Distances VLBA Survey	6	5	4.75
BL193	Lister, M. Aller, H. Aller, M. Arshakian, T.	Purdue Mich., Ann Arbor Mich., Ann Arbor MPIfR	MOJAVE: Jet Kinematics of Accelerating and High- Synchrotron-Peaked Blazars	2	5	24
BL196	Lazio, J. Petrov, L. Manzno-King, C. Spolaor, S.	JPL Astrogeo Center JPL JPL	A Search for Pairs of Supermassive Black Holes - Filler Observations	4,6,13	14,27	7
BM352	Melis, C. Reid, M. Stauffer, J. Mioduszewski, A. Bower, G.	Calif., San Diego CfA Caltech NRAO-Socorro Calif., Berkeley	A VLBA Resolution of the Pleiades Distance Controversy	4	20	10
BM353	Marcher, A. Jorstad, S. MacDonald, N. Agudo, I. Gomez, J. Larionov, V. Hagen-Thorn, V. Romney, J.	Boston Boston Boston CSIC CSIC St. Petersburg St. Petersburg NRAO-Socorro	Sub-parsec Imaging of the Gamma-ray Emission Regions of Blazars	0.7	20	24
BM379	Behrend, D. Boboltz, D. Fey, A. Fomalont, E. Gaume, R. Gipson, J. Gordon, D. Johnston, K. Kingham, K. Ma, C. MacMillan, D. Thomas, C. Walker, C.	NASA USNO USNO NRAO-CV USNO NASA NASA USNO USNO NASA NASA NASA NRAO-Socorro	VLBA Geodesy/Astrometry Observations for 2013	4,13	25	24
BM399	Miller-Jones, J. Chomiuk, L. Strader, J.	Curtin Michigan Michigan	The size scale and variability of black hole X- ray binary jets	6	16	1.5
BM401	Melis, C. Mioduszewski, A. Loinard, L.	Calif., San Diego NRAO-Socorro UNAM	Is There a Front Edge to the Orion Star Forming Complex?	4,6	22	9
BR198	Reid, M.	CfA	Mapping the Milky Way - copy	1,6	18,22,24,30	28

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Prog	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BS228	Strader, J. Miller-Jones, J. Deller, A. Briskin, W. Chomiuk, L. Maccarone, T. Seith, A	Michigan Curtin ASTRON NRAO-Socorro Michigan Southampton CfA	Proper Motion Confirmation of Black Holes in a Globular Cluster	4	23,27	8
BS231	Spolaor, S. Lazio, J. Eracleous, M. Wrobel, J. Bogdanovic, T. Borosan, T. Sigurdsson, S.	JPL JPL Pennsylvania NRAO-Socorro Georgia Inst. NOAO Pennsylvania	Investigating the nuclear origins of off set-velocity broad emission lines	4	8,9,12,13,15,17,21,26,27,29	33.25
BT127	Tingay, S. Wayth, R. Deller, A. Spolaor, S. Briskin, W. Trott, C. Wagstaff, K. Thompson, D.	Curtin Curtin ASTRON JPL NRAO-Socorro Curtin JPL JPL	Continuing the search for FRBs via the VLBA Filler Project Challenge	20	25	3
BY136	Yan, Z. Shen, Z. Briskin, W. Deller, A. Goss, M. Chatterjee, S.	Shanghai Shanghai NRAO-Socorro ASTRON NRAO-Socorro Cornell Univ.	Astrometry of 2 High Declination Pulsars with VLBA and Shanghai 65m Telescope	20	5	4
BZ046	Zhang, B. Zheng, X. Reid, M. Honma, M. Menten, K. Brunthaler, A.	MPIfR Nanjing CfA NAO MPIfR MPIfR	Calibrating the PL Relation for Mira Variables	0.7,1	17	5
GA032	Agudo, I. Gomez, J. Molina, N. Campbell, B Marscher, A. Jorstad, S.	Jive CSIC CSIC JIVE Boston Boston	43 GHz Precison Strometry of the Jet in NRAO 150	0.7	7	12
GB075	Boccardi, B. Bach, U. Krichbaum, T. Alef, W. Zensus, A.	MPIfR MPIfR MPIfR MPIfR MPIfR	Ultra high resolution imaging of the archetypical radiogalaxy Cygnus A.	0.7	8	15
GP051	Philstrom, Y. Sjouwerman, L. Fish, V.	UNM NRAO-Socorro Haystack	Probing the Proper Motion of M31 with 6.7GHz Methanol Masers	6	12,13,14,15	24
GP052	Pen, U Deller, A. Van Kerkwijk, M Vanderlinde, K. Macquart, J.	Toronto ASTRON Toronto Toronto Curtin	VLBI scintellometry: precision pulsar mass and distances	90	13,14,15,16	10

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Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
GS032	Savolainen, T. Hada, K. Giovannini, G. Tngay, S. Lobanov, A. Krichbaum, T. Kovalev, Y. Orienti, M. Sohn, B. Lee, S. Anderson, J.	MPIfR INAF INAF Curtin MPIfR MPIfR Lebedev INAF KASI KASI MPIfR	The nuclear structure in nearby AGN at very high resolution with	20	4	6.75
S6117	Piner, B. Edwards, P.	Whittier CSIRO	RadioAstron	0.7,1,4	1,11	16
S6407	Richards, J. Lister, M. Foschini, L. Savolainen, T. Homan, D. Kadler, M. Hovatta, T. Readhead, A. Arshakian, T. Chavushyan, V.	Purdue Purdue INAF MPIfR Denison Univ. Wurzburg Owens Valley Radio Obs. Caltech Univ. of Cologne INAOE	Radio and optical monitoring of radio-loud narrow-line seyfert 1 galaxies	1,2,6	30	24

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	Observer		Bands	Obs Date	Obs Hours	Scale	Scaled Obs Hrs
BB303	Brunthaler,	A.	1cm	06/28,29/2014	24	2.55	61.25
BB320	Busch,	M.	13cm	06/08/14	0.5	1.00	.50
BD170	Deller,	A.	20cm	06/05/14	1	4.00	4.00
BD174	Deller,	A.	13,20cm	06/04,12,13,23,27,29/2014	6	7.79	46.76
BE065	Edge,	Alastair	6cm	06/05,16,16,17,23,29/2014	16.25	13.04	211.91
BF109	Falcke,	Heino	.7cm	06/03,11/2014	13	14.08	183.02
BG216	Gomez,	J.L.	4,6,.7,1,20,.3,2c	06/02/14	11	12.76	140.31
BG219	Gordon,	David	4,13cm	06/01,09/2014	41.25	5.97	246.20
BH196	Hough,	D.H.	4,6,2cm	06/23/14	8	7.42	59.33
BH197	Herzog,	Andreas	20cm	06/05,16,17,18,28/2014	5	15.68	78.39
BH200	Hough,	D.H.	4cm	06/14/14	8	7.28	58.23
BK184	Kanekar,	Nissim	90cm	06/17/14	2	1.00	2.00
BL175	Loinard,	Laurent	6cm	06/05/14	4.75	13.57	64.44
BL193	Lister,	M.	2cm	06/05/14	24	13.43	322.20
BL196	Petrov,	L.	6,13,4cm	06/14,27/2014	7	14.23	99.63
BM352	Melis,	Carl	4cm	06/20/14	10	13.39	133.87
BM353	Marscher,	A.	.7cm	06/20/14	24	13.12	314.89
BM379 *	Fey,	A.	13,4cm	06/25/14	24	1.43	34.20
BM399	Miller-Jones,	J.	6cm	06/16/14	1.5	15.17	22.75
BM401	Melis,	Carl	4,6cm	06/22/14	9	12.82	115.36
BR198	Reid,	M.	1cm	06/18,22,24,30/2014	28	2.36	66.04
BS228	Strader,	Jay	4cm	06/23,27/2014	8	15.10	120.82
BS231	Burke-Spolaor,	Sarah	4cm	06/08,09,12,13,15,17,21,26,27,29/2014	33.25	13.77	457.74
BT127	Tingay,	S.	20cm	06/25/14	3	15.80	47.41
BY136	Yan,	Zhen	20cm	06/05/14	4	14.72	58.90
BZ046	Zhang,	Bo	.7,1cm	06/17/14	5	2.20	10.98
GA032	Agudo,	I.	.7cm	06/07/14	12	5.43	65.11
GB075	Boccardi,	Biagina	.7cm	06/08/14	15	5.67	85.01
GP051	Pihlstrom,	Y.	6cm	06/12,13,14,15/2014	24	1.00	24.00
GP052	Pen,	Ue-Li	90cm	06/13,14,15,16/2014	10	3.78	37.80
GS032	Savolainen,	Tuomas	20cm	06/04/14	6.75	1.89	12.76
N4xxx **	Boboltz,	D.	13,4cm	daily	6	9.18	55.08
S6117 ***	Piner,	B.G.	.7,1,4cm	06/01,11/2014	16	14.79	236.61
S6407 ***	Richards,	Joseph	1,2,6cm	06/30/14	24	6.03	144.67
SS005 ***	Mioduszewski,	A.J.	6cm	06/28/14	4	15.00	59.99
Totals					439.25		3682.17
Percentage					61.01		511.41
Number of hrs of observing possible =			720				
Number of hrs of astronomical observa			439.25	61.01%			
Number of hrs of calibration/tests =			71.425	9.92%			
Number of hrs of maintenance =			74	10.28%			

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Number of unscheduled hours =		135.325	18.80%		
Number of shutdown hours =		0	0.00%		
Totals		720	100.00%		
Downtime=		6.10%	26.79	hrs	
Actual observing=	439.25	-26.79	412.46	hrs	

Based on Scaled (128Mbps) Observing Hours					
Number of scaled hrs of astronomical observations=			3682.17	hrs	
Downtime=		6.10%	224.61	hrs	
Actual observing=	3682.17	-224.61	3457.56	hrs	
* BM379 = RV105					
** USNO Daily Observations					
*** Fermi project					
**** Summer student project					

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Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BB338	Boccardi, B. Krichbaum, T. Bach, U. Alef, W. Zensus, A.	MPIfR MPIfR MPIfR MPIfR MPIfR	The kinematical properties of the accelerating and stratified jet in Cygnus A	0.7,1	31	15
BB340	Biggs, A. Jackson, N. Browne, I.	ESO Jodrell Bank Jodrell Bank	Locating the jet subcomponents in CLASS B0128+437	2	30	4
BD170	Deller, A. Middelberg, E.	ASTRON Bochum	Characterizing the mJy compact radio source population with mJIVE-20	20	17,20	2
BD174	Deller, A. Briskin, W. Chatterjee, S. Cordes, J. Goss, M. Janssen, G. Lazio, J. Moldon, J. Petrov, L. Stappers, B.	ASTRON NRAO-Socorro Cornell Cornell NRAO-Socorro Jodrell Bank JPL ASTRON Astrogeo Center Manchester	Evaluating error sources in relative astrometry with in-beam calibrators	13,20	2,5,9,10,17,18,28	7
BD178	Deller, A. Chatterjee, S. Weisberg, J. Nice, D.	ASTRON Cornell Carleton Lafayette	Improving GR tests with the binary pulsar B1913+16 via a parallax distance	20	17,21	8
BD179	Deller, A. Briskin, W. Chatterjee, S. Goss, M. Cordes, J. Lazio, J. Petrov, L. Kovalev, Y. Janssen, G. Stappers, B. Lyne, A. Stovall, K. Stairs, I. Fonseca, E. Freire, P. Wex, N.	ASTRON NRAO-Socorro Cornell NRAO-Socorro Cornell JPL Astrogeo Center Lebedev Inst. Jodrell Bank Jodrell Bank Jodrell Bank Texas., Brownsville British Columbia British Columbia MPIfR MPIfR	MSPSRPI: VLBI astrometry of millisecond pulsars	20	1	3
BD180	Doeleman, S. Hughes, D. Schloerb, P. Loinard, L. Fish, V. Ortiz, G.	Haystack Obs. INAEO Mass., Amherst UNAM Haystack Obs. UNAM	Commissioning the LMT for VLBI	0.3,0.7	6,7,16	28

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Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BE065	Edge, A. Hogan, M. Taylor, G. Fabian, A. Hlavacek-Larrondo, J. Russell, H. McNamara, B. Johnstone, R. Crawford, C. Croston, J. Grainge, K. Salome, P.	Durham Durham UNM Cambridge Stanford Camridge Univ. of Waterloo Cambridge Cambridge Southampton Manchester IRAM	A VLBA survey of cool core cluster radio sources	6	11,15,17,20	9
BG216	Gomez, J. Molina, S. Marscher, A. Jorstad, S. Dodson, R. Rioja, M. Casadio, C. Agudo, I. Perucho, M. Marti, J. Fromm, C.	CSIC CSIC Boston Boston Western Australia Western Australia CSIC Boston Univ. of Valencia Univ. of Valencia MPIfR	The mm-VLBI radio core and its connection with gamma-ray flares in AGN jets	0.3,0.7,1,2,8		11
BG219	Gordon, D. Beasley, A. Jacobs, C. Ma, C. Titov, O. Boboltz, D. Fey, A. Peck, A. Charlot, P. Gaume, R.	NASA NRAO-CV JPL NASA Australia USNO USNO NRAO-CV Obs. de Bordeaux USNO	Second Epoch VLBA Calibrator Survey Observations for ICRF3	4,13	31	6
BH186	Hada, K. Doi, A. Nagai, H. Kino, M.	NAO JAXA NAO NAO	Probing the Jet Structure of M87 with 86 GHz Imaging and Core-Shift Astrometry	0.7,1,2,,4,6,13,20	7	9
BH197	Herzog, A. Middelberg, E. Collier, J. Norris, R. Deller, A.	Bochum Bochum Western Sydney ATNF ASTRON	The brightness temperatures of Infrared-Faint Radio Sources	20	9,17,20,28	4
BK184	Kanekar, N. Momjian, E.	TIFR NRAO-Socorro	The covering factor of high-z damped Lyman-alpha systems	90	1,10,17,18,19,21,28,30	18
BL193	Lister, M. Aller, H. Aller, M. Arshakian, T.	Purdue Mich., Ann Arbor Mich., Ann Arbor MPIfR	MOJAVE: Jet Kinematics of Accelerating and High-Synchrotron-Peaked Blazars	2	12	24
BL196	Lazio, J. Petrov, L. Manzno-King, C. Spolaor, S.	JPL Astrogeo Center JPL JPL	A Search for Pairs of Supermassive Black Holes - Filler Observations	4,6,13	18	4

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Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BM352	Mells, C. Reid, M. Stauffer, J. Mioduszewski, A. Bower, G.	Calif., San Diego CfA Caltech NRAO-Socorro Calif., Berkeley	A VLBA Resolution of the Pleiades Distance Controversy	4	9	10
BM353	Marcher, A. Jorstad, S. MacDonald, N. Agudo, I. Gomez, J. Larionov, V. Hagen-Thorn, V. Romney, J.	Boston Boston Boston CSIC CSIC St. Petersburg St. Petersburg NRAO-Socorro	Sub-parsec Imaging of the Gamma-ray Emission Regions of Blazars	0.7	3	24
BM399	Miller-Jones, J. Chomiuk, L. Strader, J.	Curtin Michigan Michigan	The size scale and variability of black hole X-ray binary jets	6	12,28	3
BO047	Orosz, G. Imai, H. Asaki, Y. Dodson, R. Engels, D. Etoka, S. Nakanishi, H.	Kagoshima Univ. Kagoshima, Univ. JAXA Western Australia Hamburg Hamburg Kagoshima Univ.	Annual parallaxes of hydroxyl masers in OH/IR stars	20	7,30	8
BR187	Rushton, A. Fender, R. Falcke, H. Bower, G. Ponti, G.	Southampton Nijmegen Calif., Berkeley MPE Southampton	Simultaneous radio and X-ray monitoring of the G2 encounter with Sgr A*	0.7,1	3	7
BR198	Reid, M.	CfA	Mapping the Milky Way - copy	1,6	4,6,7,10,11,12,13,17,18,19,20,24	83.75
BS229	Sadler, E. Tingay, S. Tzioumis, A. Edwards, P. Hancock, P. Alison, J.	Sydney Curtin CSIRO CSIRO Sydney Sydney	Young compact radio galaxies in the local universe	1	16	9.25
BS231	Spolaor, S. Lazio, J. Eracleous, M. Wrobel, J. Bogdanovic, T. Boroson, T. Sigurdsson, S.	JPL JPL Pennsylvania NRAO-Socorro Georgia Inst. NOAO Pennsylvania	Investigating the nuclear origins of off set-velocity broad emission lines	4	5,9,12,28,29	23.5
BS233	Stierwalt, S. Barcos, L. Braatz, J. Armus, L. Evans, A. Inami, H. Santos, T.	Uva UVA NRAO-CV Caltech NRAO-CV Caltech Caltech	Resolving the Off-Nuclear Emission in the LIRG Merger IIZw96	20	18,19	12

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Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BZ046	Zhang, B. Zheng, X. Reid, M. Honma, M. Menten, K. Brunthaler, A.	MPIfR Nanjing CfA NAO MPIfR MPIfR	Calibrating the PL Relation for Mira Variables	0.7,1	1,15	10
GB078	Boccardi, B. Krichbaum, T. Bach, U. Alef, W. Zensus, A.	MPIfR MPIfR MPIfR MPIfR MPIfR	Ultra-high resolution imaging of Cygnus A: where do the two jets start?	0.3,0.7	23	15
GH011	Hodgson, J. Orienti, M. D'Ammando, F. Krichbaum, T. Fuhrmann, L. Lico, R. Liuzzo, E. Hada, K. Giroletti, M. Bremer, M.	MPIfR INAF INAF MPIfR MPIfR INAF INAF INAF INAF IRAM	High-resolution 220 Rs imaging of the jet nozzle in 3C84	0.3,0.7	26	13.5
GM071	Marcher, A. Krichbaum, T. Jorstad, S. Hodgson, J. Rani, B. MacDonald, N. Keck, M. Gomez, J. Agudo, I. Bremer, M.	Boston MPIfR Boston MPIfR MPIfR Boston Boston CSIC CSIC IRAM	Continued 3 mm Imaging of Gamma-Ray Blazars	0.3,0.7	23,26	77.5
GS034	Schulz, R. Baczko, A. Kadler, M. Krichbaum, T. Boeck, M. Ros, E. Mueller, C. Grossberger, C. Fuhrmann, L. Mannheim, K. Wilms, J. Falcke, H.	Univ. of Wurzburg Erlangen-Nuremburg Univ. of Wurzburg MPIfR MPIfR Univ. of Valencia Erlangen-Nuremburg Erlangen-Nuremburg MPIfR Univ. of Wurzburg Erlangaen-Nuremburg Nijmegen	Probing the symmetry of jet counter-jet production in NGC1052	0.3,0.7	27	9
S6096	Jorstad, S. Marscher, A. Doeleman, S. Lu, R.	Boston Boston Haystack Haystack	Probing the most compact regions of gamma-ray blazar jets with millimeter wave imaging	0.7,1	2,3,10,11	64

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Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
S6407	Richards, J. Lister, M. Foschini, L. Savolainen, T. Homan, D. Kadler, M. Hovatta, T. Readhead, A. Arshakian, T. Chavushyan, V.	Purdue Purdue INAF MPIfR Denison Univ. Wurzburg Owens Valley Radio Obs. Caltech Univ. of Cologne INAOE	Radio and optical monitoring of radio-loud narrow-line seyfert 1 galaxies	1,2,6	4	24.25

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VLBA Observations for May 1 through May 31, 2014

Project	Observer		Bands	Obs Date	Obs Hours	Scale	Scaled Obs Hrs
BB338	Krichbaum,	T.	1,.7cm	05/31/14	15	11.76	176.40
BB340	Biggs,	A.	2cm	05/30/14	4	13.99	55.96
BD170	Deller,	A.	20cm	05/17,20/2014	2	4.00	7.99
BD174	Deller,	A.	20,13cm	05/02,05,09,10,17,18,28/2014	7	7.78	54.43
BD178	Deller,	A.	20cm	05/17,21/2014	8	15.41	123.26
BD179	Deller,	A.	20cm	05/01/14	3	13.67	41.00
BD180	Doeleman,	S.	.3,.7cm	05/06,07,16/2014	28	7.74	216.68
BE065	Edge,	Alastair	6cm	05/11,15,17,20/2014	9	13.55	121.99
BG216	Gomez,	J.L.	.7,1,20,2,4,.3,6cm	05/08/14	11	12.50	137.47
BG219	Gordon,	David	4,13cm	05/31/14	6	14.45	86.67
BH186	Hada,	Kazuhiro	6,.7,13,1,20,2,4cm	05/07/14	9	12.90	116.08
BH197	Herzog,	Andreas	20cm	05/09,17,20,28/2014	4	15.75	62.98
BK184	Kanekar,	Nissim	90cm	05/01,10,17,18,18,19,21,28,30/2014	18	1.00	18.00
BL193	Lister,	M.	2cm	05/12/14	24	13.60	326.50
BL196	Petrov,	L.	6,13,4cm	05/18/14	4	13.90	55.60
BM352	Melis,	Carl	4cm	05/09/14	10	13.36	133.60
BM353	Marscher,	A.	.7cm	05/03/14	24	3.29	78.84
BM399	Miller-Jones,	J.	6cm	05/12,28/2014	3	15.16	45.47
BO047	Orosz,	Gabor	20cm	05/07,30/2014	8	1.00	8.00
BR198	Reid,	M.	1cm	05/08,20/2014	11	2.28	25.06
BS229	Sadler,	E.	1cm	05/16/14	9.25	16.15	149.35
BS231	Burke-Spolaor,	Sarah	4cm	05/05,09,12,28,28,29/2014	23.5	14.83	348.53
BS233	Stierwalt,	Sabrina	20cm	05/18,19/2014	12	15.03	180.36
BZ046	Zhang,	Bo	.7,1cm	05/01,15/2014	10	2.51	25.09
C141*	Krichbaum,	T.	.3,.7cm	05/23,25/2014	0	.00	.00
GB078	Boccardi,		.3,.7cm	05/23/14	15	9.64	144.59
GH011	Hodgson,		.3,.7cm	05/26/14	13.5	9.64	130.12
GM071	Marscher,	A.	.3,.7cm	05/23,26/2014	77.5	9.64	747.04
GS034	Schultz,		.3,.7cm	05/27/14	9	9.64	86.76
N4xxx**	Boboltz,	D.	13,4cm	daily	6.2	9.18	56.92
S6096***	Jorstad,	S.G.	.3,.7,1,2,4,6,20	05/02,03,10,11/2014	64	12.56	804.04
S6407***	Richards,	Joseph	1,6,2cm	05/04/14	24.25	11.70	283.77
Totals					472.2		4848.56
Percentage					63.47		651.69
Number of hrs of observing possible			744				
Number of hrs of astronomical obse			472.2	63.47%			
Number of hrs of calibration/tests =			44.275	5.95%			
Number of hrs of maintenance =			117.1	15.74%			
Number of unscheduled hours =			110.425	14.84%			
Number of shutdown hours =			0	0.00%			
Totals			744	100.00%			
Downtime=			10.50%	49.58	hrs		

VLBA Observations for May 1 through May 31, 2014

Actual observing=	472.2	-49.58	422.62	hrs		

(128Mbps) Observing Hours						
Number of scaled hrs of astronomical observations			4848.56	hrs		
Downtime=		10.50%	509.10	hrs		
Actual observing=	4848.56	-509.1	4339.46	hrs		
* GMVA additional calibration (GMVA consists of GB078, GH011, GM071 and GS034)						
** USNO Daily Observations						
*** Fermi project						

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Prog#	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BB326	Barrett, P. Boboltz, D. Dieck, C. Beasley, A. Singh, K. Godon, P. Mason, P.	GW Univ. USNO USNO NRAO-CV TIFR Vilanova Univ. NMSU	VLBA Astrometry of Six Magnetic Cataclysmic Variables	4	28	5
BB339	Bower, G. Deller, A. Demorest, P. Brunthaler, A. Eatough, R. Falcke, H. Kramer, M. Lee, K. Spitler, L. Doeleman, S. Reid, M.	Calif., Berkeley ASTRON NRAO-CV MPIfR MPIfR Nijmegen MPIfR MPIfR MPIfR Haystack Obs. CfA	Probes of the Galactic Center with the Pulsar 1745- 29	2,4	25	6.25
BD170	Deller, A. Middelberg, E.	ASTRON Bochum	Characterizing the mJy compact radio source population with mJIVE-20	20	5,6	2
BD174	Deller, A. Briskin, W. Chatterjee, S. Cordes, J. Goss, M. Janssen, G. Lazio, J. Moldon, J. Petrov, L. Stappers, B.	ASTRON Socorro Cornell NRAO-Socorro Jodrell Bank JPL ASTRON Center Manchester NRAO-Cornell Astrogeo	Evaluating error sources in relative astrometry with in- beam calibrators	13,20	5,7,12,14,15, 21,22	7
BD179	Deller, A. Briskin, W. Chatterjee, S. Goss, M. Cordes, J. Lazio, J. Petrov, L. Kovalev, Y. Janssen, G. Stappers, B. Lyne, A. Stovall, K. Stairs, I. Fonseca, E. Freire, P. Wex, N.	ASTRON NRAO-Socorro Cornell NRAO-Socorro Cornell JPL Astrogeo Center Lebedev Inst. Jodrell Bank Jodrell Bank Jodrell Bank Jodrell Bank Texas., Brownsville British Columbia British Columbia MPIfR MPIfR	MSPSRPI: VLBI astrometry of millisecond pulsars	20	28	2.25
BD180	Doeleman, S. Hughes, D. Schloerb, P. Loinard, L. Fish, V. Ortiz, G.	Haystack Obs. INAE Mass., Amherst UNAM Haystack Obs. UNAM	Commissioning the LMT for VLBI	0.3,0.7	30	8
BF108	Forbrich, J. Berger, E.	Univ. Wien CfA	VLBA Search for Sub- Stellar Companion to the Unusual Ultracool Dwarf 2M1314+1320	6	29	6

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Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BG221	Gwinn, C. Johnson, M. Kovalev, Y. Kardashev, N.	Calif., Santa Barbara Calif., Santa Barbara Lebedev Inst. Lebedev Inst.	Substructure in the Scattering Disk of Sgr A*	4	29	6
BH197	Herzog, A. Middelberg, E. Collier, J. Norris, R. Deller, A.	Bochum Bochum Western Sydney ATNF ASTRON	The brightness temperatures of Infrared- Faint Radio Sources	20	1,8,9,12,14,23, 28	12
BK184	Kanekar, N. Momjian, E.	TIFR NRAO-Socorro	The covering factor of high- z damped Lyman-alpha	90	18,19	4
BL175	Loinard, L. Hartmann, L. Evans, N. Mioduszewski, A. Rodriguez, L. Briceno, C. Torres, R. Dzib, S. Pech, G.	UNAM Mich., Ann Arbor Texas., Austin NRAO-Socorro UNAM CIDA Bonn UNAM UNAM	The Gould's Belt Distances VLBA Survey	4,6	1,2,4,6,7,8,10, 11,12,13,17,18	87
BL196	Lazio, J. Petrov, L. Manzno-King, C. Spolaor, S.	JPL Astrogeo Center JPL JPL	A Search for Pairs of Supermassive Black Holes - Filler Observations	4,6,13	7,26,28	9.5
BM352	Melis, C. Reid, M. Stauffer, J. Mioduszewski, A. Bower, G.	Calif., San Diego CfA Caltech Socorro Berkeley	NRAO Calif., A VLBA Resolution of the Pleiades Distance Controversy	4	15,14,22	30
BM379	Ma, C. Behrend, D. Boboltz, D. Fey, A. Fomalont, E. Guame, R. Gipson, J. Gordon, D. Johnston, K. Kingham, K. MacMilan, D. Thomas, C. Walker, C.	NASA NASA USNO NRAO-CV USNO NASA NASA USNO USNO NASA NASA NASA NRAO	VLBA Geodesy/Astrometry Observations for 2013	4,13	1	24
BM398	McKean, J. Deller, A. Lee, M. Moldon, J.	ASTRON ASTRON NAO ASTRON	Multi-frequency follow-up of lens candidates from the mJIVE-20 survey	6	3,12,19,24	6
BM399	Miller-Jones, J. Chomiuk, L. Strader, J.	Curtin Michigan Michigan	The size scale and variability of black hole X- ray binary jets	6	14,28	3
BP182	Peck, A. Impellizzeri, V. Rawlings, M. Meyer, J. Beasley, A.	NRAO-CV NRAO-CV NRAO-CV NRAO-CV NRAO-CV	The Evolution of a Jet- Cloud Interaction in Mrk348	1,2,4	20	4

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Prog	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BR149	Reid, M. Menten, K. Brunthaler, A. Zheng, X. Zhang, B. Xu, Y. Moscadelli, L. Sanna, A. Moellenbrock, G. Dame, T. Hachisuka, K. Bartkiewicz, A. Sato, M. Choi, Y.	CfA MPIfR MPIfR Nanjing Univ. MPIfR Chinese Academy INA MPIfR NRAO-Socorro CfA Shanghai Obs. Torun MPIfR MPIfR	Mapping the Milky Way - A Copy of 09C-125 / BR145 for New Project Code	6	23,29	13.5
BR187	Rushton, A. Fender, R. Falcke, H. Bower, G. Ponti, G.	Southampton Nijmegen Calif., Berkeley MPE Southampton	Simultaneous radio and X- ray monitoring of the G2 encounter with Sgr A*	0.7,1	3	7
BR198	Reid, M.	CfA	Mapping the Milky Way - copy	1,6	4,6,7,10,11,12, 13,17,18,19,20 ,24	83.75
BS231	Spolaor, S. Lazio, J. Eracleous, M. Wrobel, J. Bogdanovic, T. Boroson, T. Sigurdsson, S.	JPL JPL Pennsylvania NRAO-Socorro Georgia Inst. NOAO Pennsylvania	Investigating the nuclear origins of off set-velocity broad emission lines	4	1,6,11,14,18,1 9,20,25,28,29	36
BS239	Sokoloski, J. Mioduszewski, A. Rupen, M. Mukai, K. Choiuk, L. Nelson, T.	Columbia NRAO-Socorro NRAO-Socorro NASA Michigan Minnesota	Imaging the Bipolar Outflow from Symbiotic Recurrent Nova V745 Sco	4	5	6.5
BW103	Wykes, S. Reynolds, C. Hardcastle, M. Bighnall, H. Macquart, J.	Nijmegen Curtin Hertfordshire Curtin Curtin	Circular Polarisation in Centaurus A	1,2,4	15	6
GL038	Pla, M. Lobanov, A. Savolainen, T. Muxlow, T. Kovalev, Y.	Univ. of Valencia MPIfR MPIfR Manchester Lebedv Inst.	Structure and physics of compact jets in AGN with Radio Astron	0.7,1,2,6	21,22,30	21
S6096	Jorstad, S. Marscher, A. Doeleman, S. Lu, R.	Boston Boston Haystack Haystack	Probing the most compact regions of gamma-ray blazar jets with millimeter wave imaging	0.7,1	26,27	32
S6117	Piner, B. Edwards, Philip	Whittier CSIRO	The Parsec-Scale Jets of an Expanded Sample of TEV Blazars as sseen by	0.7,1	20	8

VLBA Observations for April 1 through April 30, 2014

Project	Observer		Bands	Obs Date	Obs Hours	Rate Factor	GB	Scale	Scaled Obs Hrs
BB326	Barrett,	Paul	4cm	04/28/14	5	0.018	3997	14.39	71.95
BB339	Bower,	G.	2,4cm	04/25/14	6.25	0.018	5165	14.88	92.97
BD170	Deller,	A.	20cm	04/05,06/2014	2	0.018	444	4.00	7.99
BD174	Deller,	A.	13,20cm	04/05,07,12,14,15,21,22/2014	7	0.018	3017	7.76	54.31
BD179	Deller,	A.	20cm	04/28/14	2.25	0.018	1888	15.10	33.98
BD180	Doeleman	S.	.3,.7cm	04/30/14	8	0.018	3763	8.47	67.73
BF108	Forbrich,	J.	6cm	04/29/14	6	0.018	3779	11.34	68.02
BG221	Gwinn,	C.	4cm	04/09/14	3.5	0.018	3163	16.27	56.93
BH197	Herzog,	Andreas	20cm	04/01,08,08,09,09,12,12,14,23,23,28,28/2014	12	0.018	10370	15.56	186.66
BK184	Kanekar,	Nissim	90cm	04/,1819/2014	4	0.018	2	1.00	4.00
BL175	Loinard,	Laurent	4,6cm	04/01,02,04,06,07,08,08,10,11,12,13,17,18/2014	87	0.018	62668	12.97	1,128.02
BL196	Petrov,	L.	13,4,6cm	04/07,26,28/2014	9.5	0.018	7028	13.32	126.50
BM352	Melis,	Carl	4cm	04/05,14,22/2014	30	0.018	22648	13.59	407.66
BM379 *	Fey,	A.	13,4cm	04/01/14	24	0.018	1800	1.35	32.40
BM398	McKean,	John	6cm	04/03,12,19,24/2014	6	0.018	5189	15.57	93.40
BM399	Miller-Jones	J.	6cm	04/14,28/2014	3	0.018	2528	15.17	45.50
BP182	Peck,	A.	2,4,1cm	04/20/14	4	0.018	3574	16.08	64.33
BR149	Reid,	M.	6cm	04/23,29/2014	13.5	0.018	2041	2.72	36.74
BR187	Rushton,	Anthony	1,.7cm	04/03/14	7	0.018	6155	15.83	110.79
BR198	Reid,	M.	1,6cm	04/04,06,07,10,11,12,13,17,18,19,20,24/2014	83.75	0.018	12041	2.59	216.74
BS231	Perke-Spola	Sarah	4cm	04/01,06,11,14,18,19,20,25,28,29/2014	36	0.018	29089	14.54	523.60

VLBA Observations for April 1 through April 30, 2014

BS239	Rupen,	M.	4cm	04/05/14	6.5	0.018	5120	14.18	92.16
BW103	Reynolds	C.	2,4,1cm	04/15/14	6	0.018	5022	15.07	90.40
GL038	Lobanov,	A.	1,2,6,.7cm	04/21,22,30/ 2014	21	0.018	2156	1.85	38.81
N4xxx **	Boboltz,	D.	4,13cm	04/02/14	6	0.018	3060	9.18	55.08
S6096 ***	Jorstad,	S.G.	1,.7cm	04/26,27/201 4	32	0.018	22664	12.75	407.95
S6117 ***	Piner,	B.G.	7,1cm	04/20/14	8	0.018	6626	14.91	119.27

Totals	439.25	4,233.91
Percentage	61.01	588.04

Number of hrs of observing = 720

Number of hrs of astronomical 439.25 61.01%

Number of hrs of calibration/ 33.55 4.66%

Number of hrs of maintenance 86.5 12.01%

Number of unscheduled hours 160.7 22.32%

Number of shutdown hours = 0 0.00%

Totals 720 100.00%

Downtime= 12.90% 56.66 hrs

Actual observing= 439.25 -56.55 382.59 hrs

Based on Scaled (128Mbps) Observing Hours

Number of scaled hrs of astronomical 4233.91 hrs

Downtime= 12.90% 546.17 hrs

Actual observing= 4231.91 -545.92 3,687.74 hrs

* BM379 = RV104

** USNO Daily Observations

VLBA Utilization Report March 2014

Site

Prog#	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BB303	Brunthaler, A. Reid, M. Menten, K. Bower, G. Darling, J. Falcke, H. Garrett, M. Henkel, C. Loeb, A. Loinard, L. Oosterlo, T. Roediger, E. Sjouwerman, L. Tarchi, A. van Gorkom, J.	MPIfR CfA MPIfR Calif., Berkeley Colo., Boulder Nijmegen ASTRON MPIfR CfA UNAM ASTRON Jacobs Univ. NRAO-Socorro INAF Columbia	Proper motion of Galaxies in and beyond the Local Group	1	13,20,21,28	32
BB340	Biggs, A. Jackson, N. Browne, I.	ESO Jodrell Bank Jodrell Bank	Locating the jet subcomponents in CLASS B0128+437	2	25	5
BB344	Burgasser, A. Melis, C. Mioduszewski, A. Berger, E. Forbrich, J. Hallinan, G.	Calif, San Diego Calif., San Diego NRAO-Socorro CfA Univ. of Wein Caltech	Distance and Dynamical Masses for the Hyperactive L/T Binary 2MASS J1315-2649AB	4,6,13	19	8.5
BD170	Deller, A. Middelberg, E.	ASTRON Bochum	Characterizing the mJy compact radio source population with mJIVE-20	20	4,21,23	3
BD174	Deller, A. Brisken, W. Chatterjee, S. Cordes, J. Goss, M. Janssen, G. Lazio, J. Moldon, J. Petrov, L. Stappers, B.	ASTRON NRAO-Socorro Cornell Cornell NRAO-Socorro Jodrell Bank JPL ASTRON Astrogeo Center Manchester	Evaluating error sources in relative astrometry with in-beam calibrators	13,20	1,15,16,22,23,29,31	7
BG221	Gwinn, C. Johnson, M. Kovalev, Y. Kardashev, N.	Calif., Santa Barbara Calif., Santa Barbara Lebedev Inst. Lebedev Inst.	Substructure in the Scattering Disk of Sgr A*	1	7	3.5
BH186	Hada, K. Doi, A. Nagai, H. Kino, M.	NAO JAXA NAO NAO	Probing the Jet Structure of M87 with 86 GHz Imaging and Core-Shift Astrometry	0.7,1,2,4,6,13,20	8,26	18
BH197	Herzog, A. Middelberg, E. Collier, J. Norris, R. Deller, A.	Bochum Bochum Western Sydney ATNF ASTRON	The brightness temperatures of Infrared-Faint Radio Sources	20	1,4,7,14,15,16	6
BK184	Kanekar, N. Momjian, E.	TIFR NRAO-Socorro	The covering factor of high-z damped Lyman-alpha systems	90	6	2

VLBA Utilization Report March 2014

Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BL175	Loinard, L. Hartmann, L. Evans, N. Mioduszewski, A. Rodriguez, L. Briceno, C. Torres, R. Dzib, S. Pech, G.	UNAM Mich., Ann Arbor Texas., Austin NRAO-Socorro UNAM CIDA Bonn UNAM UNAM	The Gould's Belt Distances VLBA Survey	4,6	1,2,3,4,5,6,8,9, 10,13,14,15,16 ,17,22,23,24,2 5,30	170
BL193	Lister, M. Aller, H. Aller, M. Arshakian, T. Cohen, M. Gehrels, N. Homan, D. Hong, X. Hovatta, T. Kadler, M. Kellermann, K. Kovalev, Y. Pushkarev, A. Richards, J. Ros, E. Savolainen, T. Tosti, G. Zensus, A.	Purdue Mich., Ann Arbor Mich., Ann Arbor MPIfR Caltech NASA Denison Shanghai Caltech Univ. Wuerzburg NRAO-CV Lebedev Inst. Puikovo Obs. Purdue Univ of Valencia MPIfR Univ. of Perugia MPIfR	MOJAVE: Jet Kinematics of Accelerating and High-Synchrotron-Peaked Blazars	2	30	24
BL196	Lazio, J. Petrov, L. Manzno-King, C. Spolaor, S.	JPL Astrogeo Center JPL JPL	A Search for Pairs of Supermassive Black Holes - Filler Observations	4,6,13	8,15,16,20,25	7.25
BM352	Melis, C. Reid, M. Stauffer, J. Mioduszewski, A. Bower, G.	Calif., San Diego CfA Caltech NRAO-Socorro Calif., Berkeley	A VLBA Resolution of the Pleiades Distance Controversy	4	1,7,14	23.75
BM398	McKean, J. Deller, A. Lee, M. Moldon, J.	ASTRON ASTRON NAO ASTRON	Multi-frequency follow-up of lens candidates from the mJIVE-20 survey	6	2,5,11,16,23 ,29	10.5
BM399	Miller-Jones, J. Chomiuk, L. Strader, J.	Curtin Michigan Michigan	The size scale and variability of black hole X-ray binary jets	6	29	1.5
BM401	Melis, C. Mioduszewski, A. Loinard, L.	Calif., San Diego NRAO-Socorro UNAM	Is There a Front Edge to the Orion Star Forming Complex?	4,6,13	28	9
BR186	Ransom, S. Deller, A. Chatterjee, S. Stairs, I. Hessels, J. Kaplan, D. Lynch, R. Lorimer, D. Archibald, A. McLaughlin, M.	UVA ASTRON Cornell British Columbia ASTRON Wisc., Milwaukee McGill Univ. West Virginia McGill Univ. West Virginia	Astrometry of a Millisecond Pulsar in a Stellar Triple System	20	18	3

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Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BR198	Reid, M.	CfA	Mapping the Milky Way - copy	1,6	15,16,17,18,20,22,23,27,29,31	68.25
BS228	Strader, J. Miller-Jones, J. Deller, A. Briskin, W. Chomiuk, L. Maccarone, T. Seth, A.	Michigan Curtin ASTRON NRAO-Socorro Michigan Southampton CfA	Proper Motion Confirmation of Black Holes in a Globular Cluster	4	2,8	8
BS231	Spolaor, S. Lazio, J. Eracleous, M. Wrobel, J. Bogdanovic, T. Boroson, T. Sigurdsson, S.	JPL JPL Pennsylvania NRAO-Socorro Georgia Inst. NOAO Pennsylvania	Investigating the nuclear origins of off set-velocity broad emission lines	4	6,7,11,14,15,17,18,20,22,24,28,30	33
BS239	Petrov, L. Deller, A. Briskin, W. Moldon, J. Chatterjee, S.	Astrogeo Center ASTRON NRAO-Socorro ASTRON Cornell	Investigation of residual systematic errors in dual-band observables	4	21	7
S6117	Piner, B. Edwards, Philip	Whittier CSIRO	The Parsec-Scale Jets of an Expanded Sample of TEV Blazars as sseen by the Upgraded VLBA	4	27	8

VLBA Observations for March 1 through March 31, 2014

Project	Observer		Bands	Obs Date	Obs Hour	Scale	Scaled Obs Hrs
BB303	Brunthaler,	A.	1cm	03/13,20,21,28/2014	32	2.70394	86.526
BB340	Biggs,	A.	2cm	03/25/14	5	13.7376	68.688
BB344	Burgasser,	Adam	13,6,4cm	03/19/14	8.5	11.8991	101.142
BD170	Deller,	A.	20cm	03/04,21,23/2014	3	3.996	11.988
BD174	Deller,	A.	20,13cm	03/01,15,16,22,23,29,31/2014	7	7.794	54.558
BG221	Gwinn,	C.	1cm	03/07/14	3.5	16.272	56.952
BH186	Hada,	Kazuhiro	7,1,2,4,20,6,13cm	03/08,26/2014	18	12.954	233.172
BH197	Herzog,	Andreas	20cm	03/01,04,07,14,15,16/2014	6	15.801	94.806
BK184	Kanekar,	Nissim	90cm	03/06/14	2	1	2
BL175	Loinard,	Laurent	4,6cm	03/01,01,02,03,03,04,04,05,06,06,08,09,10,10,13,14,15,16,17,22,23,24,24,25,30/2014	170	13.55	2303.496
BL193	Lister,	M.	2cm	03/30/14	24	13.0508	313.218
BL196	Petrov,	L.	13,6,4cm	03/08,15,16,20,25/2014	7.25	12.9774	94.086
BM352	Melis,	Carl	4cm	03/01,07,14/2014	23.75	13.148	312.264
BM398	McKean,	John	6cm	03/02,02,05,11,16,23,29/2014	10.5	15.5743	163.53
BM399	Miller-Jones,	J.	6cm	03/29/14	1.5	15.192	22.788
BM401	Melis,	Carl	6,4,13cm	03/28/14	9	12.226	110.034
BR186	Deller,	A.	20cm	03/18/14	3	15.132	45.396
BR198	Reid,	M.	1,6cm	03/15,16,17,18,20,22,23,27,29,31/2014	68.25	2.47464	168.894
BS228	Strader,	Jay	4cm	03/02,08/2014	8	15.219	121.752
BS231	Burke-Spolaor,	Sarah	4cm	03/06,07,11,14,15,17,18,20,22,24,28,30/2014	33	15.0387	496.278
BS239	Rupen,	M.	4cm	03/21/14	7	14.2251	99.576
N4xxx *	Boboltz,	D.	4,13cm	daily	6.2	9.18	56.916
S6117 **	Piner,	B.G.	4cm	03/27/14	8	14.778	118.224
Totals					464.45		5136.284
Percentage					62.4261		690.3608
Number of hrs of observing possible			744				
Number of hrs of astronomical obser			464.45	62.43%			
Number of hrs of calibration/tests =			39.2	5.27%			
Number of hrs of maintenance =			75	10.08%			
Number of unscheduled hours =			165.35	22.22%			
Number of shutdown hours =			0	0.00%			
Totals			744	100.00%			
Downtime=			3.90%	18.11355	hrs		
Actual observing=			464.45	-18.11	446.33645	hrs	

Based on Scaled (128Mbps) Observing Hours							
Number of scaled hrs of astronomical observations=			5136.284		hrs		
Downtime=			3.90%	200.315076	hrs		
Actual observing=			5136.28	-200.32	4935.968924	hrs	
* USNO Daily Observations							
** Fermi project							

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File

Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BA109	An, T. Ho, L. Baasn, W.	Shanghai Obs. Carnegie Inst. ASTRON	Massive black hole binaries in the nuclei of nearby massive galaxies	1	12	4
BB325	Bannister, K. Brisken, W. Max-Moerbeck, W. Macquart, J. Wayth, R. Deller, A. Tingay, S.	CSIRO NRAO-Socorro Caltech Curtin Curtin ASTRON Curtin	Prompt high- and low-time resolution VLBA follow-up of GRBs	20	11	0.75
BB337	Bower, G. Brunthaler, A. Deller, A. Demorest, P. Eatough, R. Falcke, H.	Calif., Berkeley MPIfR ASTRON NRAO-CV MPIfR Nijmegen	Proper Motion of the Galactic Center Soft Gamma-Ray Repeater 1745-29	2,4	22	6
BB344	Boboltz, D. Ohnaka, K. Wittkowski, M.	USNO MPIfR ESO	Imaging the Water Masers Associated with Five Silicate Carbon Stars	4,6,13	1	8.5
BC216	Cegłowski, M. Barjraszewska, M. Gawronski, M.	Torun Torun Torun	Compact Complex Morphology Radio Sources	6,20	6,13,16,17	14
BD170	Deller, A. Middelberg, E.	ASTRON Bochum	Characterizing the mJy compact radio source population with mJIVE-20	20	7,16	2
BD174	Deller, A. Brisken, W. Chatterjee, S. Cordes, J. Goss, M. Janssen, G. Lazio, J. Moldon, J. Petrov, L. Stappers, B.	ASTRON NRAO-Socorro Cornell Cornell NRAO-Socorro Jodrell Bank JPL ASTRON Astrogeo Center Manchester	Evaluating error sources in relative astrometry with in-beam calibrators	13,20	6,13,14,20,23	9
BD179	Deller, A. Brisken, W. Chatterjee, S. Goss, M. Cordes, J. Lazio, J. Petrov, L. Kovalev, Y. Janssen, G. Stappers, B. Lyne, A. Stovall, K. Stairs, I. Fonseca, E. Freire, P. Wex, N.	ASTRON NRAO-Socorro Cornell NRAO-Socorro JPL Astrogeo Center Lebedev Inst. Jodrell Bank Jodrell Bank Jodrell Bank Jodrell Bank Teaxs., Brownsville British Columbia British Columbia MPIfR MPIfR	MSPSRPI: VLBI astrometry of millisecond pulsars	20	1,2,3,7,14,21	17.25
BE064	Ellingsen, S. Titmarsh, A. Breen, S.	Tasmania Tasmania CSIRO	An Extreme water maser outflow associated with a Massive Protostellar Cluster	1	8	9

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Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BE065	Edge, A. Hogan, M. Taylor, G. Fabian, A. Hlavacek-Larrondo, J. Russell, H. McNamara, B. Johnstone Crawford Croston Grainge Salome	Durham Durham UNM Cambridge Stanford Cambridge Waterloo Cambridge Cambridge Southampton Manchester IRAM	A VLBA survey of cool core cluster radio sources	6	7,10	5
BF108	Forbrich, J. Berger, E.	Univ. Wien CfA	VLBA Search for Sub-Stellar Companion to the Unusual Ultracool Dwarf 2M1314+1320	6	23	6
BG219	Gordon, D. Beasley, A. Jacobs, C. Ma, C. Titov, O. Boboltz, D. Fey, A. Peck, A. Charlot, P. Gaume, R.	NASA NRAO-CV JPL NASA Australia USNO USNO NRAO-Socorro France USNO	Second Epoch VLBA Calibrator Survey Observations for ICRF3	4,13	1	24
BG224	Gitti, M. Giroletti, M. Giovannini, G. Feretti, L. Luizzo, E.	INAF INAF INAF INAF INAF	Is there a Supermassive Binary Black Hole System in the BCG of RBS 797 ?	4,6,20	4	9
BH186	Hada, K. Doi, A. Nagai, H. Kino, M.	NAO JAXA NAO NAO	Probing the Jet Structure of M87 with 86 GHz Imaging and Core-Shift Astrometry	0.3,7	11,26	16
BH197	Herzog, A. Middelberg, E. Collier, J. Norris, R. Deller, A.	Bochum Bochum Western Sydney ATNF ASTRON	The brightness temperatures of Infrared-Faint Radio Sources	20	6,7,9,10,12, 14,16	8
BH199	Hovatta, T. Edelson, R. Pooley, G. Readhead, A.	Caltech Maryland Cambridge Caltech	Parsec-scale jet structure of the Kepler BL Lac object W2R1926+42	0.7,2	10,23	10.25
BK184	Kanekar, N. Momjian, E.	TIFR NRAO-Socorro	The covering factor of high-z damped Lyman-alpha systems	90	2,7,16,21	8
BL175	Loinard, L. Hartmann, L. Evans, N. Mioduszewski, A. Rodriguez, L. Briceno, C. Torres, R. Dzib, S. Pech, G.	UNAM Mich., Ann Arbor Texas., Austin NRAO-Socorro UNAM CIDA Bonn UNAM UNAM	The Gould's Belt Distances VLBA Survey	4	8,17	6

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Prog#	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BL189	Linford, J. Taylor, G. Schinzel, F.	UNM UNM UNM	A VLBA Study of LAT Non-Blazar AGN	4	21,24	11.25
BL193	Lister, M. Aller, H. Aller, M. Arshakian, T. Cohen, M. Gehrels, N. Homan, D. Hong, X. Hovatta, T. Kadler, M. Kellermann, K. Kovalev, Y. Pushkarev, A. Richards, J. Ros, E. Savolainen, T. Tosti, G. Zensus, A.	Purdue Mich., Ann Arbor Mich., Ann Arbor MPIfR Caltech NASA Denison Shanghai Caltech Univ. Wuerzburg NRAO-CV Lebedev Inst. Pulkovo Obs. Purdue Univ of Valencia MPIfR Univ. of Perugia MPIfR	MOJAVE: Jet Kinematics of Accelerating and High-Synchrotron-Peaked Blazars	2	14,27	48
BL196	Lazio, J. Petrov, L. Manzno-King, C. Spolaor, S.	JPL Astrogeo Center JPL JPL	A Search for Pairs of Supermassive Black Holes - Filler Observations	4,6,13	4,8,10,16,20,21,22	20.5
BM352	Melis, C. Reid, M. Stauffer, J. Mioduszewski, A. Bower, G.	Calif., San Diego CfA Caltech NRAO-Socorro Calif., Berkeley	A VLBA Resolution of the Pleiades Distance Controversy	4	1,28	12
BM353	Marscher, A. Jorstad, S. MacDonald, N. Agudo, I. Gomez, J. Larionov, V. Hagen-Thorn, V. Romney, J.	Boston Boston Boston CSIC CSIC St. Petersburg St. Petersburg NRAO-Socorro	Sub-parsec Imaging of the Gamma-ray Emission Regions of Blazars	0.7	24	24
BM379	Ma, C. Behrend, D. Boboltz, D. Fey, A. Fomalont, E. Gaume, R. Gipson, J. Gordon, D. Johnston, K. Kingham, K. MacMillan, D. Thomas, C. Walker, C.	NASA USNO USNO NRAO-CV USNO NASA NASA USNO USNO NASA NASA NASA NRAO-Socorro	VLBA Geodesy/Astrometry Observations for 2013	4,13	12	24

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Prog#	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BM398	McKean, J. Deller, A. Lee, M. Moldon, J.	ASTRON ASTRON NAO ASTRON	Multi-frequency follow-up of lens candidates from the mJIVE-20 survey	6	22	1.5
BM399	Miller-Jones, J. Chomiuk, L. Strader, J.	Curtin Michigan Michigan	The size scale and variability of black hole X-ray binary jets	6	3,17	3
BM401	Melis, C. Mioduszewski, A. Loinard, L.	Calif., San Diego NRAO-Socorro UNAM	Is There a Front Edge to the Orion Star Forming Complex?	4,6,13	3	9
BO047	Orosz, G. Imai, H. Asaki, Y. Dodson, R. Engels, D. Etoka, S. Nakanishi, H.	Kagoshima Kagoshima JAXA Western Australia Hamburg Hamburg Kagoshima	Annual parallaxes of hydroxyl masers in OH/IR stars	20	6,16	8
BP176	Panessa, F. Giroletti, M. Longinotti, A. Guaniazzi, M.	INAF INAF INAF INAF	Wind and jet connection: the case of IRAS17020+4544	1,2,4,6	12	3
BP177	Petrov, L. Deller, A. Briskin, W. Moldon, J. Chatterjee, S.	Astrogeo Center ASTRON NRAO-Socorro ASTRON Cornell	Investigation of residual systematic errors in dual-band observables	6	3,7,17,18,23	24.25
BR186	Ransom, S. Deller, A. Chatterjee, S. Stairs, I. Hessels, J. Kaplan, D. Lynch, R. Lorimer, D. Archibald, A. McLaughlin, M.	UVA ASTRON Cornell British Columbia ASTRON Wisc., Milwaukee McGill Univ. West Virginia McGill Univ. West Virginia	Astrometry of a Millisecond Pulsar in a Stellar Triple System	20	11,22	6
BS229	Sadler, E. Tingay, S. Tzioumis, A. Edwards, P. Hancock, P. Allison, J.	Sydney Curtin ATNF ATNF Sydney Sydney	Young compact radio galaxies in the local universe	1	10	8.5
BS231	Spolaor, S. Lazio, J. Eracleous, M. Wrobel, J. Bogdanovic, T. Borson, T. Sigurdsson, S.	JPL JPL Pennsylvania NRAO-Socorro Georgia Inst. NOAO Pennsylvania	Investigating the nuclear origins of off set-velocity broad emission lines	4	13,15,21,22,23	11.25

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Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BS238	Sokoloski, J. Mioduszewski, A. Rupen, M. Mukai, K. Chomiuk, L. Nelson, T.	Columbia NRAO-Socorro NRAO-Socorro NASA Michigan Minnesota	High Resolution observations of Recurrent Nova V745 Sco	2,4,6,20	16,24,28	21
BY134	Yusef-Zadeh, F. Cotton, W. Brunthaler, A. Wardle, M. Haggard, D.	Northwestern NRAO-CV MPIfR Macquarie Univ. Northwestern	Joint VLBA/Chandra/EVLA Monitoring of the Gas Cloud G2 as it Encounters Sgr A*	0.3,0.7	21	7
GA029	Asada, K. Nakamura, M. Algoba-Marcos, J. Inoue, M. Matsushita, S. Nicolas, P. Hiroaki, N. Cheg-yu, K.	ASIAA ASIAA ASIAA ASIAA ASIAA ASIAA ASIAA ASIAA	Measurement of the Jet Streamline in M 87 to Probe the Initial Acceleration Mechanism	3,7	14	12
GS032	Savolainen, T. Hada, K. Giovannini, G. Tingay, S. Lobanov, A. Krichbaum, T. Kovalev, Y. Orienti, M. Sohn, B. Lee, S. Anderson, J.	MPIfR INAF INAF Curtin MPIfR MPIfR Levedev Inst. INAF KASI KASI MPIfR	The nuclear structure in nearby AGN at very hgi resolution with Radio Astron	0.7,1,2,6	5	10.25
S6407	Richards, J. Lister, M. Foschini, L. Savolainen, T. Homa, D. Kadler, M. Hovatta, T. Readhead, A. Arshakian, T. Chavushyan, V.	Purdue Purdue INAF MPIfR Denison Univ. Wurzburg OVRO Caltech Univ. Cologne INAOE	Radio and Optical Monitoring of Radio-Loud Narrow-Line Seyert 1 Galaxeis	1,2,6	8	24

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Based on Actual Hours Observed

The average downtime was 12.1355 hours 2.60%

Actual Observing time was 454.6145 hours

The VLBA was scheduled 100.00% of the time 672 hours of a possible 672 hours

Astronomical Observations = 69.46% (466.75 hours)

Tests and Calibration = 4.86% (32.65 hours)

Maintenance = 6.21% (41.70 hours)

Number of Unscheduled hours = 19.48% (130.90 hours)

Number of Shutdown Hours = 0.00% (0 hours)

----- Based on Scaled (128Mbps) Observing Hours

Number of scaled hrs of astronomical observations= 4977.664 hrs

Downtime= 2.60% (129.419264 hours)

Actual Observing= 4848.244736 hours

-line

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Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BB303	Brunthaler, A. Reid, M. Menten, K. Bower, G. Darling, J. Falcke, H. Garrett, M. Henkel, C. Loeb, A. Lionard, L. Oosterloo, T. Roediger, E. Sjouwerman, L. Tarchi, A. van Gorkom, J.	MPIFR CfA MPIFR Calif., Berkeley Colo., Boulder Nijmegen ASTRON MPIFR CfA UNAM ASTRON Jacobs Univ. NRAO-Socorro INAF Columbia	Proper motion of Galaxies in and beyond the Local Group	1	9,12	16
BB321	Braatz, J. Condon, J. Constantin, A. Gao, F. Greene, J. Henkel, C. Impellizzeri, V. Kuo, C. Litzinger, E. Lo, K.Y. Reid, M. Wagner, J. Zhao, W.	NRAO-CV NRAO-CV James Madison NRAO-CV Princeton MPIFR NRAO-CV Uva Wurzburg NRAO-CV CfA MPIFR Shanghai	The Megamaser Cosmology Project. VI	1	3,4,9,11,12,13,16,17,21,23,24,30,31	42
BB 325	Bannister, K. Briskin, W. Max-Moerbeck, W. Macquart, J. Wayth, R. Deller, A. Tingay, S.	CSIRO NRAO-Socorro Caltech Curtin Curtin ASTRON Curtin	Prompt high- and low-time resolution VLBA follow-up of GRBs	20	14,29	1.5
BB 326	Barrett, P. Boboltz, D. Dieck, C. Beasley, A. Singh, K. Godon, P. Mason, P.	GW Univ. USNO USNO NRAO-CV TIRF Villanova Univ. NMSU	VLBA Astrometry of Six Magnetic Cataclysmic Variables	4	16	5
BB 332	Beasley, A. Bastain, T.	NRAO-CV NRAO-CV	VLBA Observations of CU Vir	4,13	15	10
BB334	Boboltz, D. Ohnaka, K. Wittkowski, M.	USNO MPIFR ESO	Imaging the Water Masers Associated with Five Silicate Carbon Stars	1	5,13,16,23	20
BB 337	Bower, G. Brunthaler, A. Deller, A. Demorest, P. Eatough, R. Falcke, H.	Calif., Berkeley MPIFR ASTRON NRAO-CV MPIFR Nijmegen	Proper Motion of the Galactic Center Soft Gamma-Ray Repeater 1745-29	2,4	1	6

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Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BC210	Casadio, C. Gomez, J. Giroletti, M. Giovannini, G. Molina, S. Agudo, I. Perucho, M. Marti, J. Fromm, C. Hada, K. Kino., M. Nagai, H. Doi, A. Bellicke, M. Cesarini, A. Krawczynski, H. Chueng, C. Harris, D.	CSIC CSIC INAF INAF CSIC Boston Univ. of Valencia Univ. of Valencia MPIfR NAO NAO NAO JAXA Wash., St. Louis Ireland Wash., St. Louis NRL CfA	A sensitive study of the peculiar jet structure HST-1 in M87	6,13	29	8
BD170	Deller, A. Middelberg, E.	ASTRON Bochum	Characterizing the mJy compact radio source population with mJIVE-20	20	26,27,30,31	11
BD174	Deller, A Briskin, W. Chatterjee, S. Cordes, J. Goss, M. Janssen, G. Lazio, J. Moldon, J. Petrov, L. Stappers, B.	ASTRON NRAO-Socorro Cornell Cornell NRAO-Socorro Jodrell Bank JPL ASTRON Astrogeo Center Manchester	Evaluating error sources in relative astrometry with in-beam calibrators	13,20	3,5,9,16,17,22,24,28,31	9
BG216	Gomez, J. Molina, S. Marscher, A. Jorstad, S. Dodson, R. Rioja, M. Casadio, C. Agudo, I. Perucho, M. Marti, J. Fromm, C.	CSIC CSIC Boston Boston Western Australia Western Australia CSIC Boston Univ. of Valencia Univ. of Valencia MPIfR	The mm-VLBI radio core and its connection with gamma-ray flares in AGN jets	0.3,1,2,4,6,7,20	21	12
BG219	Gordon, D. Beasley, A. Jacobs, C. Ma, C. Titov, O. Boboltz, D. Fey, A. Peck, A. Charlot, P. Gaume, R.	NASA NRAO-CV JPL NASA Australia USNO USNO NRAO-Socorro France USNO	Second Epoch VLBA Calibrator Survey Observations for ICRF3	4,13	4	24
BI041	Imai, H. Chong, S. Diamond, P. Orosz, G.	Kagoshima Univ. Kagoshima Univ. CSIRO Hungary	Evolution of the "water fountain" source W43A - copy	1	19	5

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Prog	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BJ079	Jones, D. Fomalont, E. Dhawan, V. Romney, J.	JPL NRAO-CV NRAO-Socorro NRAO-Socorro	Planetary Ephemeris Improvement through Spacecraft Astrometry	4	6	4
BL175	Loinard, L. Hartmann, L. Evans, N. Mioduszewski, A. Rodriguez, L. Briceno, C. Torres, R. Dzib, S. Pech, G.	UNAM Mich., Ann Arbor Texas., Austin NRAO-Socorro UNAM CIDA Bonn UNAM UNAM	The Gould's Belt Distances VLBA Survey	4	6,7,27,28,30,31	18
BL189	Linford, J. Taylor, G. Schinzel, F.	UNM UNM UNM	A VLBA Study of LAT Non-Blazar AGN	6	14,24	11.75
BL193	Lister, M. Aller, H. Aller, M. Arshakian, T. Cohen, M. Gehrels, N. Homan, D. Hong, X. Hovatta, T. Kadler, M. Kellermann, K. Kovalev, Y. Pushkarev, A. Richards, J. Ros, E. Savolainen, T. Tosti, G. Zensus, A.	Purdue Mich., Ann Arbor Mich., Ann Arbor MPIfR Caltech NASA Denison Shanghai Caltech Univ. Wuerzburg NRAO-CV Lebedev Inst. Pulkovo Obs. Purdue Univ of Valencia MPIfR Univ. of Perugia MPIfR	MOJAVE: Jet Kinematics of Accelerating and High-Synchrotron-Peaked Blazars	2	11,25	48
BM352	Melis, C. Reid, M. Stauffer, J. Mioduszewski, A. Bower, G.	Calif., San Diego CfA Caltech NRAO-Socorro Calif., Berkeley	A VLBA Resolution of the Pleiades Distance Controversy	4	17,24,31	30
BM353	Marscher, A. Jorstad, S. MacDonald, N. Agudo, I. Gomez, J. Larionov, V. Hagen-Thorn, V. Romney, J.	Boston Boston Boston CSIC CSIC St. Petersburg St. Petersburg NRAO-Socorro	Sub-parsec Imaging of the Gamma-ray Emission Regions of Blazars	0.7	19	24
BM387	Reid, M. McClintock, J.	CfA CfA	A Parallax for Cyg X-3: Does it Contain a Black Hole or Neutron Star?	0.7,1	18	7

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Progm	Observer	Affiliation	Program Title	Bands	Obs Date	Scheduled Hours
BM392	Mutel, R. Abbuhi, E. Lynch, C. Peterson, W. Guedel, M.	Iowa Iowa Iowa Iowa Vienna	An astrometric study of HR1099: Test of binary interaction model	1	1,16	29
BP177	Petrov, L. Deller, A. Brisken, W. Moldon, J. Chatterjee, S.	Astrogeo Center ASTRON NRAO-Socorro ASTRON Cornell	Investigation of residual systematic errors in dual-band observables	6	7,27,28,29,30	24
BS230	Salter, C. Ghosh, T. Minchin, R. Momjian, E.	NAIC NAIC NAIC NRAO-Socorro	Continued Monitoring of a Remarkable Radio Outburst in NGC660	4	21	12
BZ046	Zhang, B. Zheng, X. Reid, M. Honma, M. Menten, K. Brunthaler, A.	MPIfR Nanjing CfA NAO MPIfR MPIfR	Calibrating the PL Relation for Mira Variables	0.7,1	3,13,18	15
GA030	Anderson, J. Gomez, J. Agudo, I. Alberdi, A. Bach, U. Bell, M. Bernhardt., S. Casadio, C. Cawthorne, T. Eilek, J. Fromm, C. Homan, D. Jorstad, S. Keck, M. Kovalev, Y. Krichbaum, T. Lee, S. Lobanov, A. Marscher, A. Marti, J. Molina, S. Nishikawa, K. Perez-Torres, M. Pla, M. Ros, E. Savolainen, T. Won, B. Taylor, G. Zensus, A.	MPIfR CSIC CSIC CSIC MPIfR MPA MPIfR CSIC Central Lancashire NMT MPIfR Denison Univ. Boston Boston Lebedev Inst. MPIfR KASI MPIfR Boston Univ. of Valencia CSIC NASA CSIC Univ. of Valencia Univ. of Valencia MPIfR KASI UNM MPIfR	Probing the innermost regions of AGN jets and their magnetic fields	0.7,1,2	19	6.5
GL038	Pla, M. Lobanov, A. Savolainen, T. Muxlow, T. Kovalev, Y.	Univ. of Valencia MPIfR MPIfR Manchester Lebedev Inst.	Structure and physics of compact jets in AGN with Radio Astron	0.7,1,2,6	10,11	18

VLBA Utilization Report January 2014

Based on Actual Hours Observed

The average downtime was 36.84 hours 8.70%

Actual Observing time was 423.45 hours

The VLBA was scheduled 100.00% of the time 744 hours of a possible 744 hours

Astronomical Observations = 56.92% (423.45 hours)

Tests and Calibration = 5.60% (41.70 hours)

Maintenance = 11.75% (87.50 hours)

Number of Unscheduled hours = 25.73% (191.45 hours)

Number of Shutdown Hours = 0.00% (0 hours)

Based on Scaled (128Mbps) Observing Hours

Number of scaled hrs of astronomical observations= 4244.13 hrs

Downtime= 9.70% (369.23931 hours)

Actual Observing= 3874.89069 hours