

COVER INFORMATION

Station: PDBURE (Code PB)
Experiment: part A: 279-17h00 UT - 282-19h52 UT (EU) / 283-00h56 UT (US)
Exp. Code: c112a

Schedule Version: 4.00
Processed by SCHPD version: 10.00 Release Sept. 15, 2011

PI: Global 3mm VLBI Array (GNVA)

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Observing mode: 512-8-2

Notes: Will use automatic reference pointing.
Europe: measure Tsys in PROB and POSTOB, provide tau
MKA disk recording, mixed dual and single polarisation

Configuration W05-E03-N07-
N11-W08-N02

Reference Antenna N06 on N02

Schedule for PDBURE (Code PB) Page 2
part A: 279-17h00 UT - 282-19h52 UT (EU) / 283-00h56 UT (US)
UP: D => Below Limits; H => Below horizon mask; W => still slewing at end; blank => up.
Early: Seconds between end of slew and start. Dwell: On source seconds.
Disk: Gbytes recorded to this point.
TPstart: Recording start time. Frequencies are LO sum (band edge).
SYNC: Time correlator is expected to sync up.

Start UT	Source	LST	Start / Stop	HA	UP	Para	Dwell	Disk	TPstart
Stop UT			EL	AZ				Gbytes	SYNC

--- Thu 6 Oct 2011 Day 279 ---

Next scan frequencies: 86210.99 86210.99 86226.99 86226.99 86242.99 86242.99

Next BPC frequencies: 86258.99 86258.99 376.99 376.99 392.99 392.99 408.99 408.99

Next scan bandwidths: 424.99 424.99 16.00 16.00 16.00 16.00 16.00 16.00

17 00 00	3C454.3	18 23 39	27.1	93.7	-4.5	-47.7	0	17 00 00	
17 07 00	---	18 30 40	28.3	94.9	-4.4	-47.6	420	17 00 04	
17 20 00	3C454.3	18 43 43	30.6	97.4	-4.2	-47.3	770	17 20 00	
17 27 00	---	18 50 44	31.9	98.7	-4.1	-47.1	420	17 20 04	
17 40 00	3C454.3	19 03 46	34.1	101.3	-3.8	-46.6	770	17 40 00	
17 47 00	---	19 10 47	35.4	102.7	-3.7	-46.3	420	17 40 04	
18 00 00	1633+38	19 23 49	58.2	273.1	2.8	64.6	567	18 00 00	
18 07 00	---	19 30 50	56.9	274.2	2.9	64.4	420	18 00 04	
18 15 00	3C345	19 38 50	57.5	277.1	2.9	66.8	468	18 15 00	
18 22 00	---	19 45 59	56.3	278.1	3.0	66.5	420	18 15 04	
18 30 00	1633+38	19 53 54	52.8	277.7	3.3	63.7	468	18 30 00	
18 37 00	---	20 00 55	51.6	278.7	3.4	63.4	420	18 30 04	
18 45 00	3C345	20 08 57	52.3	281.2	3.4	65.3	468	18 45 00	
18 52 00	---	20 15 58	51.0	282.1	3.5	64.9	420	18 45 04	
19 00 00	1633+38	20 23 59	47.6	281.9	3.8	62.3	467	19 00 00	
19 07 00	---	20 31 00	46.3	282.8	3.9	61.9	420	19 00 04	
19 15 00	3C345	20 39 01	47.1	285.0	3.9	63.4	467	19 15 00	
19 22 00	---	20 46 03	45.8	285.9	4.0	63.0	420	19 15 04	
19 30 00	1633+38	20 54 04	42.4	285.9	4.3	60.5	467	19 30 00	
19 37 00	---	21 01 05	41.2	286.8	4.4	60.0	420	19 30 04	
19 45 00	3C345	21 09 06	41.9	288.8	4.4	61.3	467	19 45 00	
19 52 00	---	21 16 08	40.8	289.7	4.5	60.7	420	19 45 04	
20 00 00	1633+38	21 24 09	37.3	289.8	4.8	58.3	467	20 00 00	
20 07 00	---	21 31 10	36.1	290.7	4.9	57.8	420	20 00 04	

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Schedule for PDBURE (Code PB) Page 3

Part A: 279-17h00 UT - 282-19h52 UT (EU) / 283-00h56 UT (US)

UP: D => Below limits; H => Below horizon mask; W => still slewing at end; blank => Up.

Early: Seconds between end of slew and start. Dwell: On source seconds.

Disk: Gbytes recorded to this point.

TPstart: Recording start time. Frequencies are LO sum (band edge).

SYNC: Time correlator is expected to sync up.

Start UT	Source	LST	Start / Stop	EL	AZ	HA	UP	Para	Dwell	Disk	TPstart
Stop UT										Gbytes	SYNC
--- Thu 6 Oct 2011 Day 279 ---											
20 15 00	3C345	21 39 11	36.9	292.5	4.9			58.8	467	325	20 15 00
20 22 00	---	21 46 12	35.8	293.4	5.0			58.2	420	352	20 15 04
20 30 00	1633+38	21 54 14	33.3	293.7	5.3			55.9	467	352	20 30 00
20 37 00	---	22 01 15	31.2	294.6	5.4			55.3	420	379	20 30 04
20 45 00	3C345	22 09 16	33.1	296.3	5.4			56.1	467	379	20 45 00
20 52 00	---	22 16 17	30.9	297.2	5.5			55.5	420	406	20 45 04
21 00 00	1633+38	22 24 19	27.5	297.7	5.8			53.2	467	406	21 00 00
21 07 00	---	22 31 20	26.4	298.6	5.9			52.6	420	434	21 00 04
21 15 00	3C345	22 39 21	27.3	300.1	5.9			53.2	467	434	21 15 00
21 22 00	---	22 46 22	26.3	301.0	6.1			52.5	420	461	21 15 04
21 30 00	1633+38	22 54 24	23.8	301.7	6.3			50.3	467	461	21 30 00
21 37 00	---	23 01 25	21.8	302.7	6.4			49.6	420	488	21 30 04
21 45 00	3C345	23 09 26	22.8	304.1	6.4			50.1	467	488	21 45 00
21 52 00	---	23 16 27	21.8	305.0	6.6			49.3	420	515	21 45 04
22 00 00	1633+38	23 24 29	18.4	305.9	6.8			47.1	467	515	22 00 00
22 07 00	---	23 31 30	17.4	306.9	6.9			46.4	420	542	22 00 04
22 15 00	3C345	23 39 31	18.5	308.2	6.9			46.7	467	542	22 15 00
22 22 00	---	23 46 32	17.5	309.2	7.1			45.9	420	569	22 15 04
22 30 00	1633+38	23 54 34	14.2	310.3	7.3			43.7	467	569	22 30 00
22 37 00	---	00 01 35	13.2	311.3	7.4			42.9	420	596	22 30 04
22 45 00	3C345	00 09 36	14.4	312.5	7.4			43.1	467	596	22 45 00
22 52 00	---	00 16 37	13.5	313.5	7.6			42.2	420	623	22 45 04
23 00 00	0235+164	00 24 38	50.3	123.8	-2.2			-38.1	241	623	23 00 00
23 07 00	---	00 31 40	51.3	125.9	-2.1			-37.0	420	650	23 00 04
23 15 00	CTA26	00 39 41	28.7	126.1	-3.0			-35.1	442	650	23 15 00
23 22 00	---	00 46 42	28.7	127.8	-2.9			-34.2	420	677	23 15 04
23 30 00	0235+164	00 54 43	54.4	133.4	-1.7			-32.6	442	677	23 30 00
23 37 00	---	01 01 45	55.3	135.9	-1.6			-31.1	420	704	23 30 04
23 45 00	CTA26	01 09 46	33.8	133.5	-2.5			-31.1	442	704	23 45 00
23 52 00	---	01 16 47	33.7	135.3	-2.4			-30.1	420	732	23 45 04

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Schedule for PDBURE (Code PB) Page 4

Part A: 279-17h00 UT - 282-19h52 UT (EU) / 283-00h56 UT (US)

UP: D => Below limits; H => Below horizon mask; W => still slewing at end; blank => Up.

Early: Seconds between end of slew and start. Dwell: On source seconds.

Disk: Gbytes recorded to this point.

TPstart: Recording start time. Frequencies are LO sum (band edge).

SYNC: Time correlator is expected to sync up.

Start UT	Source	LST	Start / Stop	EL	AZ	HA	UP	Para	Dwell	Disk	TPstart
Stop UT										Gbytes	SYNC
--- Fri 7 Oct 2011 Day 280 ---											
00 00 01	0235+164	01 24 49	57.9	144.8	-1.2			-25.4	443	732	00 00 01
00 07 01	---	01 31 50	58.6	147.7	-1.1			-23.4	420	759	00 00 05
00 15 00	CTA26	01 39 51	56.5	141.5	-2.0			-26.3	441	759	00 15 00
00 22 00	---	01 46 52	57.2	143.5	-1.9			-25.1	420	786	00 15 04
00 30 00	0235+164	01 54 53	60.5	158.0	-0.7			-16.2	443	786	00 30 00
00 37 00	---	02 01 54	60.9	161.3	-0.6			-13.8	420	813	00 30 04
00 45 00	CTA26	02 09 56	59.5	150.2	-1.5			-20.7	443	813	00 45 00
00 52 00	---	02 16 57	40.1	152.4	-1.4			-19.3	420	840	00 45 04
01 00 00	0235+164	02 24 58	61.9	172.7	-0.2			-5.4	444	840	01 00 00
01 07 00	---	02 31 59	62.0	176.2	-0.1			-2.8	420	867	01 00 04
01 15 00	CTA26	02 40 01	41.7	159.7	-1.0			-14.3	445	867	01 15 00
01 22 00	---	02 47 02	42.1	162.0	-0.9			-12.7	420	894	01 15 04
01 30 00	0235+164	02 55 03	61.8	188.0	0.3			5.9	443	894	01 30 00
01 37 00	---	03 02 04	61.6	191.5	0.4			8.5	420	921	01 30 04
01 45 00	CTA26	03 10 06	43.1	169.7	-0.5			-7.3	441	921	01 45 00
01 52 00	---	03 17 07	43.8	172.1	-0.4			-5.6	420	948	01 45 04
02 00 00	0235+164	03 25 08	60.4	202.7	0.8			16.6	437	948	02 00 00
02 07 00	---	03 32 09	59.9	205.9	0.9			-18.9	420	975	02 00 04
02 15 00	CTA26	03 40 10	43.6	180.0	0.0			0.0	436	975	02 15 00
02 22 00	---	03 47 12	43.6	182.4	0.1			1.7	420	1003	02 15 04
02 30 00	0235+164	03 55 13	57.8	215.8	1.3			25.7	434	1003	02 30 00
02 37 00	---	04 02 14	57.0	218.6	1.4			27.6	420	1030	02 30 04
02 45 00	CTA26	04 10 15	43.1	190.3	0.5			7.3	433	1030	02 45 00
02 52 00	---	04 17 17	42.9	192.7	0.6			9.0	420	1057	02 45 04
03 00 00	0235+164	04 25 18	54.3	227.4	1.8			32.9	432	1057	03 00 00
03 07 00	---	04 32 19	50.3	229.4	1.9			34.3	420	1084	03 00 04
03 15 00	CTA26	04 40 20	41.7	200.3	1.0			14.3	432	1084	03 15 00
03 22 00	---	04 47 21	41.3	202.6	1.1			15.9	420	1111	03 15 04
03 30 00	0235+164	04 55 23	50.1	236.6	2.3			38.3	432	1111	03 30 00
03 37 00	---	05 02 24	49.0	238.6	2.4			39.3	420	1138	03 30 04

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Schedule for PDBURE (Code PB) Page 9
part B: 282-20h09 UT (EU) / 283-01h10 UT (US) - 284-17h58 UT
UP: D => Below limits; H => Below horizon mask; W => Still slewing at end; blank => Up.
Early: Seconds between end of slew and start. Dwell: On source seconds.
Disk: Gbytes recorded to this point.
Pstart: Recording start time. Frequencies are LO sum (band edge).
SYNC: Time correlator is expected to sync up.

Start UT	Source	LST	Start / Stop	HA	UP	Para	Early Dwell	Disk Gbytes	TPstart SYNC
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--- Mon 10 Oct 2011 Day 283 ---

16 20 00	J1200+5300	17 59 19	34.3 313.2	6.0		59.5	303	2295	16 20 00
16 26 20	=1157+532	18 05 40	33.5 313.8	6.1		58.5	380	2320	16 20 04
16 30 00	J1203+4803	18 09 21	30.7 308.9	6.1		55.9	204	2320	16 30 00
16 36 20	=1200+483	18 15 42	29.9 309.6	6.2		55.0	380	2344	16 30 04
16 40 00	J1219+6344	18 19 22	39.1 325.2	6.0		66.4	192	2344	16 40 00
16 46 20	=1216+640	18 25 43	38.4 325.2	6.1		65.2	380	2365	16 40 04
16 50 00	J1241+5458	18 29 24	36.7 314.3	5.8		62.4	196	2369	16 50 00
16 56 20	=1239+552	18 35 45	35.9 314.8	5.9		61.4	380	2393	16 50 04
17 00 00	J1259+5140	18 39 26	36.2 310.0	5.7		61.4	204	2393	17 00 00
17 06 20	=1257+519	18 45 47	35.3 310.6	5.8		60.5	380	2418	17 00 04
17 10 00	J1306+5529	18 49 27	37.5 314.5	5.7		63.4	206	2418	17 10 00
17 16 20	=1301+557	18 55 48	36.7 315.0	5.8		62.4	380	2442	17 10 04
17 30 00	J1333+782	19 09 30	60.7 270.7	2.6		64.7	754	2442	17 30 00
17 36 20	=1333+782	19 13 31	60.0 271.4	2.6		64.7	240	2458	17 30 04
17 40 00	J1624+5741	19 19 32	60.3 311.7	2.9		96.8	301	2458	17 40 00
17 46 20	=1623+578	19 25 53	59.5 311.5	3.0		95.3	380	2482	17 40 04
17 50 20	J1808+4542	19 29 54	75.7 281.5	1.4		87.0	194	2482	17 50 20
17 56 40	=1806+456	19 36 15	74.6 281.8	1.5		86.1	380	2507	17 50 24
18 01 00	J1716+6836	19 41 16	59.7 334.7	2.4		123.4	226	2507	18 01 40
18 08 00	=1716+686	19 47 37	59.2 334.1	2.5		121.4	380	2531	18 01 44
18 12 30	J1549+5038	19 52 07	49.9 300.9	4.0		74.1	220	2531	18 12 30
18 18 50	=1547+507	19 58 28	48.9 301.3	4.1		73.2	380	2556	18 12 34
18 30 00	J1716+714	20 09 40	26.2 364.1	-11.2		-9.2	586	2556	18 30 00
18 34 00	---	20 13 41	26.3 364.5	-11.2		-10.0	240	2571	18 30 04
18 40 00	J1203+4803	20 19 42	14.9 324.9	8.3		37.7	302	2571	18 40 00
18 46 20	=1200+483	20 26 03	14.2 325.8	8.4		36.7	380	2596	18 40 04
18 50 00	J1204+5300	20 29 44	17.5 329.8	8.5		36.5	206	2596	18 50 00
18 56 20	=1157+532	20 36 05	17.0 330.6	8.6		35.4	380	2620	18 50 04
19 00 00	J1203+4803	20 39 45	12.9 327.7	8.6		34.6	205	2620	19 00 00
19 06 20	=1200+483	20 46 06	12.3 328.6	8.7		33.6	380	2645	19 00 04

Schedule for PDBURE (Code PB) Page 10
part B: 282-20h09 UT (EU) / 283-01h10 UT (US) - 284-17h58 UT
UP: D => Below limits; H => Below horizon mask; W => Still slewing at end; blank => Up.
Early: Seconds between end of slew and start. Dwell: On source seconds.
Disk: Gbytes recorded to this point.
Pstart: Recording start time. Frequencies are LO sum (band edge).
SYNC: Time correlator is expected to sync up.

Start UT	Source	LST	Start / Stop	HA	UP	Para	Early Dwell	Disk Gbytes	TPstart SYNC
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--- Mon 10 Oct 2011 Day 283 ---

19 10 00	J1219+6344	20 49 47	25.9 337.0	8.5		38.9	193	2645	19 10 00
19 16 20	=1216+640	20 56 08	25.5 337.6	8.6		37.7	380	2670	19 10 04
19 20 00	J1241+5458	20 59 19	20.7 329.7	8.3		36.7	200	2670	19 20 00
19 26 20	=1239+552	21 06 10	19.5 330.5	8.4		37.6	380	2694	19 20 04
19 30 00	J1200+5300	21 09 50	14.2 335.0	9.2		29.9	204	2694	19 30 00
19 36 20	=1157+532	21 16 11	13.8 335.9	9.3		28.8	380	2719	19 30 04
19 40 00	J1259+5140	21 19 52	17.3 327.8	8.3		37.7	200	2719	19 40 00
19 46 20	=1257+519	21 26 13	16.7 328.6	8.4		36.6	380	2743	19 40 04
19 50 00	J1306+5529	21 29 33	19.0 330.7	8.8		37.9	206	2743	19 50 00
19 56 20	=1303+557	21 36 14	18.5 331.5	8.8		36.8	380	2768	19 50 04
20 10 00	J1803+784	21 39 57	49.9 344.8	3.8		111.3	773	2768	20 10 00
20 14 00	---	21 43 53	49.7 344.7	3.9		110.3	240	2783	20 10 04
20 20 00	J1821+6818	21 59 58	53.7 329.5	3.6		102.1	332	2783	20 20 00
20 26 20	=1822+682	22 06 19	53.1 329.3	3.7		100.5	380	2808	20 20 04
20 30 00	J1927+6117	22 10 00	61.1 319.7	2.7		106.5	199	2808	20 30 00
20 36 20	=1926+611	22 16 21	60.4 319.3	2.8		104.7	380	2832	20 30 04
20 40 00	J1933+6540	22 20 02	59.3 327.7	2.8		112.6	200	2832	20 40 00
20 46 20	=1933+655	22 26 23	58.7 327.3	2.9		110.8	380	2857	20 40 04
20 50 00	J2002+1501	22 32 04	46.9 238.7	2.5		39.0	222	2857	20 52 00
20 56 20	=2000+148	22 38 25	45.9 240.4	2.6		39.8	380	2881	20 52 04
21 10 00	J2013+370	22 50 07	60.3 269.2	2.6		63.3	240	2881	21 10 00
21 14 00	---	22 54 07	59.5 269.9	2.6		63.3	240	2881	21 10 04
21 20 00	J2012+4628	23 00 08	60.9 288.8	2.8		78.2	328	2897	21 20 00
21 26 20	=2010+463	23 06 29	59.9 289.3	2.9		77.5	380	2921	21 20 04
21 30 00	J2015+3410	23 10 10	55.2 267.9	2.9		59.3	184	2921	21 30 00
21 36 20	=2013+340	23 16 31	54.1 269.1	3.0		59.4	380	2946	21 30 04
21 40 00	J2016+1632	23 20 12	42.5 248.9	3.1		43.8	185	2946	21 40 00
21 46 20	=2013+163	23 26 33	41.4 250.3	3.2		44.4	380	2970	21 40 04
21 50 00	J2024+1718	23 30 13	42.8 249.9	3.1		44.4	208	2970	21 50 00
21 56 20	=2022+171	23 36 34	41.8 251.3	3.2		44.9	380	2995	21 50 04

Top = 100% Phase Stable

Top = 80% Phase Stable

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Schedule for PDBURE (Code PB) Page 11
Part B: 282-20h09 UT (EU) / 283-01h10 UT (US) - 284-17h58 UT
UP: D => Below limits; H => Below horizon mask; W => still slewing at end; blank => up.
Early: Seconds between end of slew and start. Dwell: On source seconds.
Disk: Gbytes recorded to this point.
TPstart: Recording start time. Frequencies are LO sum (band edge).
SYNC: Time correlator is expected to sync up.

Start UT	Source	LST	Start / Stop	EL	AZ	HA	UP	Para	Early	Disk	TPstart	Stop UT
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--- Mon 10 Oct 2011 Day 283 ---

Phases ok, Top 30k

22 00 00	J2051+1743	23 40 15	45.9	246.3	2.8			43.2	203	2995	22 00 00	✓
22 06 20	=2049+175	23 46 36	44.8	247.9	2.9			43.8	380	3019	22 00 04	✓
22 20 00	1803+784	00 00 18	43.5	344.0	6.0			78.8	695	3019	22 20 00	✓
22 24 00	---	00 04 19	43.3	344.1	6.1			77.8	240	3035	22 20 04	✓
22 30 00	J1821+6818	00 10 20	41.8	330.4	5.8			72.4	333	3035	22 30 00	✓
22 36 20	=1822+682	00 16 41	41.2	330.6	5.9			71.0	380	3059	22 30 04	✓
22 40 00	J1927+6117	00 20 21	45.7	318.9	4.9			77.1	166	3059	22 40 00	✓
22 46 20	=1926+611	00 26 42	44.9	319.2	5.0			75.9	380	3084	22 40 04	✓
22 50 00	J1933+6540	00 30 23	46.1	325.2	4.9			80.8	203	3084	22 50 00	✓
22 56 20	=1933+655	00 36 44	45.5	325.4	5.0			79.4	380	3108	22 50 04	✓
23 01 00	J2002+1501	00 41 25	25.0	266.7	4.6			47.4	199	3108	23 01 00	✓
23 07 20	=2000+148	00 47 46	23.9	267.8	4.7			47.4	380	3133	23 01 04	✓
23 20 00	2013+370	01 00 28	37.5	288.3	4.7			58.0	727	3133	23 20 00	✓
23 24 00	---	01 04 29	36.8	288.9	4.8			57.7	240	3148	23 20 04	✓
23 30 00	J2016+1632	01 10 30	23.3	270.7	4.9			47.9	337	3148	23 30 00	✓
23 36 20	=2013+163	01 16 51	22.1	271.8	5.0			47.9	380	3173	23 30 04	✓
23 40 00	J2024+1718	01 20 31	23.5	271.5	4.9			48.2	208	3173	23 40 00	✓
23 46 20	=2022+171	01 26 52	22.4	272.6	5.0			48.1	380	3197	23 40 04	✓
23 50 00	J2051+1743	01 30 33	26.8	269.0	4.6			48.3	204	3197	23 50 00	✓
23 56 20	=2049+175	01 36 54	25.7	270.1	4.7			48.4	380	3222	23 50 04	✓

--- Tue 11 Oct 2011 Day 284 ---

00 00 01	J2016+1632	01 40 36	17.9	275.9	5.4			47.6	202	3222	00 00 01	✓
00 06 20	=2016+163	01 46 57	16.8	276.9	5.5			47.5	380	3246	00 00 05	✓
00 10 00	J2024+1718	01 50 36	18.2	276.7	5.4			47.8	207	3246	00 10 00	✓
00 16 20	=2022+171	01 56 57	17.1	277.7	5.5			47.6	380	3271	00 10 04	✓
00 30 00	2013+370	02 10 39	26.0	297.7	5.9			52.3	788	3271	00 30 00	✓
00 34 00	---	02 14 40	25.4	298.2	6.0			51.9	240	3286	00 30 04	✓
00 40 00	J2012+4628	02 20 41	29.5	307.8	6.1			54.8	339	3286	00 40 00	✓
00 46 20	=2010+463	02 27 02	28.6	308.5	6.2			54.0	380	3311	00 40 04	✓

ARE next
coupe CTT
bug avec le chpt de date.
planlage acquisition à canal

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Schedule for PDBURE (Code PB) Page 12
Part B: 282-20h09 UT (EU) / 283-01h10 UT (US) - 284-17h58 UT
UP: D => Below limits; H => Below horizon mask; W => still slewing at end; blank => up.
Early: Seconds between end of slew and start. Dwell: On source seconds.
Disk: Gbytes recorded to this point.
TPstart: Recording start time. Frequencies are LO sum (band edge).
SYNC: Time correlator is expected to sync up.

Start UT	Source	LST	Start / Stop	EL	AZ	HA	UP	Para	Early	Disk	TPstart	Stop UT
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--- Tue 11 Oct 2011 Day 284 ---

00 50 00	J2015+3410	02 30 43	20.9	297.9	6.2			49.5	197	3311	00 50 00	✓
00 56 20	=2013+340	02 37 04	19.9	298.9	6.4			48.9	380	3335	00 50 04	✓
01 00 00	J2051+1743	02 40 44	14.4	280.9	5.8			47.2	188	3335	01 00 00	✓
01 06 20	=2049+175	02 47 05	13.3	282.0	5.9			47.0	380	3360	01 00 04	✓
01 10 00	J2012+4628	02 50 46	25.4	311.3	6.6			50.9	175	3360	01 10 00	✓
01 16 20	=2010+463	02 57 07	24.5	312.1	6.7			50.1	380	3384	01 10 04	✓
01 20 00	J2015+3410	03 00 48	16.3	302.3	6.7			46.7	198	3384	01 20 00	✓
01 26 20	=2013+340	03 07 09	15.4	303.3	6.9			46.0	380	3409	01 20 04	✓
01 40 00	30454.3	03 20 51	27.9	265.5	4.4			47.6	762	3409	01 40 00	✓
01 44 00	---	03 24 52	27.2	266.2	4.5			47.7	240	3424	01 40 04	✓
01 50 00	J2203+1725	03 30 53	18.0	277.1	5.4			47.8	338	3424	01 50 00	✓
01 56 20	=2201+171	03 37 14	16.9	278.2	5.6			47.6	380	3449	01 50 04	✓
02 00 00	J2154+1727	03 40 54	14.7	280.3	5.8			47.2	208	3449	02 00 00	✓
02 06 20	=2152+172	03 47 15	13.6	281.3	5.9			47.0	380	3473	02 00 04	✓
02 10 00	J2203+3145	03 50 56	23.9	291.9	5.8			51.0	197	3473	02 10 00	✓
02 16 20	=2201+315	03 57 17	22.8	292.9	5.9			50.5	380	3498	02 10 04	✓
02 20 00	J2217+2421	04 00 58	19.7	285.3	5.7			48.9	200	3498	02 20 00	✓
02 26 20	=2214+241	04 07 19	18.6	286.3	5.8			48.6	380	3522	02 20 04	✓
02 30 00	J2203+3145	04 10 59	20.6	294.9	6.1			49.4	200	3522	02 30 00	✓
02 36 20	=2201+315	04 17 20	19.6	295.8	6.2			48.9	380	3547	02 30 04	✓
02 40 00	J2217+2421	04 21 01	16.3	288.5	6.1			47.8	200	3547	02 40 00	✓
02 46 20	=2214+241	04 27 22	15.2	289.5	6.2			47.5	380	3571	02 40 04	✓
02 50 00	J2203+3145	04 31 02	17.4	297.9	6.5			47.8	201	3571	02 50 00	✓
02 56 20	=2201+315	04 37 23	16.4	298.8	6.6			47.2	380	3596	02 50 04	✓
03 10 00	J0136+4751	04 51 06	57.0	293.3	3.2			77.3	759	3596	03 10 00	✓
03 14 00	=0133+476	04 55 06	56.3	293.3	3.3			76.8	240	3611	03 10 04	✓
03 20 00	J2312+7241	05 01 07	43.0	336.1	5.8			76.3	299	3611	03 20 00	✓
03 26 20	=2310+724	05 07 28	42.5	336.3	5.9			74.9	380	3636	03 20 04	✓
03 31 00	J2330+3348	05 12 09	26.1	292.9	5.7			52.2	217	3636	03 31 00	✓
03 37 20	=2327+335	05 18 30	25.1	293.8	5.8			51.7	380	3660	03 31 04	✓

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Schedule for PDBURE (Code PB) Page 13
 Part B: 282-20h09 UT (EU) / 283-01h10 UT (US) - 284-17h58 UT
 UP: D => Below limits; H => Below horizon mask; W => still slewing at end; blank => Up.
 Early: Seconds between end of slew and start. Dwell: On source seconds.
 Disk: Gbytes recorded to this point.
 TPStart: Recording start time. Frequencies are LO sum (band edge).
 SYNC: Time correlator is expected to sync up.

Start UT	Source	LST	Start / Stop EL AZ HA UP	Para Dwell	Early Disk Gbytes	TPStart SYNC
Stop UT						
--- Tue 11 Oct 2011 Day 284 ---						
03 41 00	J0034+2754	05 22 11	31.8 279.4 4.8	52.6	192	3660 03 41 00 ✓
03 47 20	=0032+276	05 28 32	30.7 280.4 4.9	52.4	380	3685 03 41 04 ✓
03 51 00	J0013+4051	05 32 12	33.9 296.4 5.3	57.5	191	3685 03 51 00 ✓
03 57 20	=0010+405	05 38 33	32.9 297.2 5.4	56.9	380	3709 03 51 04 ✓
04 15 00	1803+784	05 52 16	33.1 359.5 11.9	1.6	736	3709 04 11 00 ✓
04 15 00	---	05 56 16	33.1 359.8 11.9	0.8	240	3725 04 11 04 ✓
04 20 00	J2312+7241	06 01 17	38.8 338.2 6.8	63.2	264	3725 04 20 00 ✓
04 26 20	=2310+724	06 07 38	38.4 334.4 6.9	61.9	380	3749 04 20 04 ✓
04 30 00	J2330+3348	06 11 19	16.7 301.4 6.7	47.0	165	3749 04 30 00 ✓
04 36 20	=2327+335	06 17 40	15.8 302.4 6.8	46.4	380	3774 04 30 04 ✓
04 40 00	J0034+2754	06 21 21	21.6 288.6 5.8	49.8	193	3774 04 40 00 ✓
04 46 20	=0032+276	06 27 42	20.5 288.5 5.9	49.4	380	3798 04 40 04 ✓
04 50 00	J0013+4051	06 31 22	24.8 303.9 6.3	51.4	193	3798 04 50 00 ✓
04 56 20	=0010+405	06 37 43	23.9 304.7 6.4	50.7	380	3823 04 50 04 ✓
05 10 00	3C84	06 51 25	52.1 284.5 3.5	67.1	773	3823 05 10 00 ✓
05 14 00	---	06 55 26	51.4 284.9 3.6	66.8	240	3838 05 10 04 ✓
05 20 00	J0344+6827	07 01 27	55.6 330.7 3.3	108.4	285	3838 05 20 00 ✓
05 26 20	=0339+683	07 07 48	55.1 330.4 3.4	106.6	380	3853 05 20 04 ✓
05 30 00	J0333+6536	07 11 29	54.3 325.1 3.6	98.9	204	3853 05 30 00 ✓
05 36 20	=0329+654	07 17 50	53.7 324.9 3.7	97.4	380	3887 05 30 04 ✓
05 40 00	J0325+4655	07 21 30	48.9 295.0 3.9	70.9	174	3887 05 40 00 ✓
05 46 20	=0321+467	07 27 51	48.9 295.5 4.0	70.2	380	3912 05 40 04 ✓
05 50 00	J0325+2224	07 31 32	35.7 267.2 4.1	50.3	175	3912 05 50 00 ✓
05 56 20	=0322+222	07 37 53	34.6 268.3 4.2	50.3	380	3937 05 50 04 ✓
06 11 00	0716+714	07 52 35	63.1 354.8 0.5	168.4	763	3937 06 11 00 ✓
06 15 00	---	07 56 36	63.0 354.1 0.6	166.9	240	3952 06 11 04 ✓
06 20 00	J0642+8811	08 01 37	46.4 359.2 1.2	161.8	270	3952 06 20 00 ✓
06 26 20	=0604+882	08 07 58	46.3 359.1 1.3	160.2	380	3977 06 20 04 ✓
06 31 00	J0639+7324	08 12 39	59.4 347.4 1.5	147.0	254	3977 06 31 00 ✓
06 37 20	=0633+734	08 19 00	59.1 346.6 1.6	144.9	380	4001 06 31 04 ✓

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Schedule for PDBURE (Code PB) Page 14
 Part B: 282-20h09 UT (EU) / 283-01h10 UT (US) - 284-17h58 UT
 UP: D => Below limits; H => Below horizon mask; W => still slewing at end; blank => Up.
 Early: Seconds between end of slew and start. Dwell: On source seconds.
 Disk: Gbytes recorded to this point.
 TPStart: Recording start time. Frequencies are LO sum (band edge).
 SYNC: Time correlator is expected to sync up.

Start UT	Source	LST	Start / Stop EL AZ HA UP	Para Dwell	Early Disk Gbytes	TPStart SYNC
Stop UT						
--- Tue 11 Oct 2011 Day 284 ---						
06 41 10	J0753+5352	08 22 50	79.7 335.6 0.5	150.1	195	4001 06 41 10 ✓
06 47 30	=0749+540	08 29 11	79.2 331.3 0.6	144.6	380	4026 06 41 14 ✓
06 52 30	J0733+5022	08 34 12	78.5 305.0 1.0	114.0	260	4026 06 52 30 ✓
06 58 50	=0730+504	08 40 33	77.5 303.1 1.1	110.9	380	4050 06 52 34 ✓
07 10 00	3C84	08 51 45	32.2 298.7 5.5	56.5	608	4050 07 10 00 ✓
07 14 00	---	08 55 46	31.6 299.2 5.6	56.1	240	4066 07 10 04 ✓
07 20 00	J0344+6827	09 01 47	44.7 329.6 5.3	79.4	314	4066 07 20 00 ✓
07 26 20	=0339+683	09 08 08	44.1 329.7 5.4	78.0	380	4090 07 20 04 ✓
07 30 00	J0333+6536	09 11 48	42.1 326.5 5.6	72.4	206	4090 07 30 00 ✓
07 36 20	=0329+654	09 18 09	41.4 326.7 5.7	71.2	380	4115 07 30 04 ✓
07 40 00	J0325+4655	09 21 50	31.5 306.8 5.9	55.6	186	4115 07 40 00 ✓
07 46 20	=0321+467	09 28 11	30.6 307.5 6.0	55.8	380	4139 07 40 04 ✓
07 50 00	J0324+2224	09 31 52	14.6 287.3 6.1	47.3	185	4139 07 50 00 ✓
07 56 20	=0323+222	09 38 13	13.5 288.3 6.2	47.0	380	4164 07 50 04 ✓
08 11 00	0716+714	09 52 55	57.8 338.5 2.5	125.7	808	4164 08 11 00 ✓
08 15 00	---	09 56 56	57.6 338.2 2.6	124.4	240	4179 08 11 04 ✓
08 20 00	J0809+5341	10 01 57	69.9 306.5 1.9	105.2	253	4179 08 20 00 ✓
08 26 20	=0805+538	10 08 18	68.9 305.9 2.0	103.3	380	4204 08 20 04 ✓
08 30 00	J0808+4052	10 11 58	67.4 271.1 2.0	70.1	168	4204 08 30 00 ✓
08 36 20	=0805+410	10 18 19	66.2 272.2 2.1	70.0	380	4228 08 30 04 ✓
08 40 00	J0741+3112	10 22 00	56.1 260.5 2.7	55.1	195	4228 08 40 00 ✓
08 46 20	=0738+313	10 28 21	55.0 261.9 2.8	55.4	380	4253 08 40 04 ✓
08 50 00	J0748+2400	10 32 02	51.1 251.6 2.7	47.7	197	4253 08 50 00 ✓
08 56 20	=0745+241	10 38 23	50.1 253.2 2.8	48.2	380	4277 08 50 04 ✓
09 11 00	0716+714	10 53 05	53.6 334.7 3.5	108.2	771	4277 09 11 00 ✓
09 15 00	---	10 57 06	53.3 334.5 3.6	107.1	240	4293 09 11 04 ✓
09 20 00	J0642+8811	11 02 07	45.4 357.7 4.2	115.6	262	4293 09 20 00 ✓
09 26 20	=0604+882	11 08 28	45.4 357.7 4.3	114.0	380	4317 09 20 04 ✓
09 30 00	J0639+7324	11 12 08	48.6 336.4 4.5	94.9	185	4317 09 30 00 ✓
09 36 20	=0633+724	11 18 29	48.1 336.4 4.6	93.4	380	4342 09 30 04 ✓

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Schedule for PDURE (Code PB) Page 15
 Part B: 282-20h09 UT (EU) / 283-01h10 UT (US) - 284-17h58 UT
 UP: D => Below limits; H => Below horizon mask; W => still slewing at end; blank => Up.
 Early: Seconds between end of slew and start. Dwell: On source seconds.
 Disk: Bytes recorded to this point.
 TPstart: Recording start time. Frequencies are 10 sum (band edge).
 SYNC: Time correlator is expected to sync up.

Start UT	Source	LST	Start / Stop	EL	AZ	HA	UP	Para	Early	Disk	TPstart
Stop UT								Dwell	Bytes	SYNC	
--- Tue 11 Oct 2011 Day 284 ---											
09 40 00	J0753+5352	11 22 10	55.6 304.5	3.5				83.8	172	4342	09 40 00
09 46 20	=0749+540	11 28 31	54.7 304.7	3.6				82.7	380	4366	09 40 04
09 50 00	J0733+5022	11 32 11	50.6 300.2	4.0				74.6	204	4366	09 50 00
09 56 20	=0730+504	11 38 32	49.6 300.6	4.1				73.7	380	4391	09 50 04
10 10 00	0716+714	11 52 15	48.9 333.3	4.5				93.1	771	4391	10 10 00
10 14 00	---	11 56 15	48.6 333.3	4.6				92.1	240	4406	10 10 04
10 20 00	J1018+3542	12 02 16	68.4 254.4	1.7				57.5	254	4406	10 20 00
10 26 20	=1015+359	12 08 37	67.3 256.2	1.8				58.3	380	4431	10 20 04
10 30 00	J1033+4116	12 12 18	71.7 267.9	1.6				70.9	197	4431	10 30 00
10 36 20	=1030+415	12 18 39	70.6 269.1	1.7				71.0	380	4455	10 30 04
10 40 00	J1038+4244	12 22 20	71.3 273.1	1.7				75.1	206	4455	10 40 00
10 46 20	=1035+430	12 28 41	70.2 274.0	1.8				74.9	380	4480	10 40 04
10 51 00	J1033+6051	12 33 21	66.2 323.2	2.0				119.2	210	4480	10 51 00
10 57 20	=1030+611	12 39 42	65.5 322.3	2.1				117.0	380	4504	10 51 04
11 10 00	4C39.25	12 52 25	52.1 279.9	3.4				64.4	697	4504	11 10 00
11 14 00	---	12 56 25	51.4 280.4	3.5				64.2	240	4520	11 10 04
11 20 00	J0917+6530	13 02 26	53.6 324.6	3.7				96.9	297	4520	11 20 00
11 26 20	=0913+657	13 08 47	52.9 324.5	3.8				95.3	380	4544	11 20 04
11 30 00	J0937+5008	13 12 28	54.1 298.3	3.6				77.5	178	4544	11 30 00
11 36 20	=0933+503	13 18 49	53.1 298.7	3.7				76.6	380	4569	11 30 04
11 40 00	J0957+5522	13 22 30	56.4 307.0	3.4				86.7	200	4569	11 40 00
11 46 20	=0954+556	13 28 51	55.5 307.1	3.5				85.5	380	4593	11 40 04
11 50 00	J0958+4725	13 32 31	53.6 293.8	3.6				74.0	194	4593	11 50 00
11 56 20	=0955+476	13 38 52	52.5 294.3	3.7				73.3	380	4618	11 50 04
12 10 00	0716+714	13 52 34	39.5 335.7	6.5				66.2	761	4618	12 10 00
12 14 00	---	13 56 35	39.2 335.8	6.6				65.4	240	4633	12 10 04
12 20 00	J1018+3542	14 02 36	47.2 278.0	3.7				60.1	280	4633	12 20 00
12 26 20	=1015+359	14 08 57	46.1 279.0	3.8				59.9	380	4658	12 20 04
12 30 00	J1033+4116	14 12 38	50.5 284.9	3.6				66.1	203	4658	12 30 00
12 36 20	=1030+415	14 18 59	49.4 285.7	3.8				65.6	380	4682	12 30 04

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Schedule for PDURE (Code PB) Page 16
 Part B: 282-20h09 UT (EU) / 283-01h10 UT (US) - 284-17h58 UT
 UP: D => Below limits; H => Below horizon mask; W => still slewing at end; blank => Up.
 Early: Seconds between end of slew and start. Dwell: On source seconds.
 Disk: Bytes recorded to this point.
 TPstart: Recording start time. Frequencies are 10 sum (band edge).
 SYNC: Time correlator is expected to sync up.

Start UT	Source	LST	Start / Stop	EL	AZ	HA	UP	Para	Early	Disk	TPstart
Stop UT								Dwell	Bytes	SYNC	
--- Tue 11 Oct 2011 Day 284 ---											
12 40 00	J1038+4244	14 22 39	50.3 287.6	3.7				67.3	208	4682	12 40 00
12 46 20	=1035+430	14 29 00	49.2 288.3	3.8				66.8	380	4707	12 40 04
12 50 00	J1033+6051	14 32 41	52.1 316.8	4.0				87.4	176	4707	12 50 00
12 56 20	=1030+611	14 39 02	51.4 316.8	4.1				86.1	380	4731	12 50 04
13 10 00	0716+714	14 52 44	35.4 338.9	7.5				53.8	785	4731	13 10 00
13 14 00	---	14 56 45	35.1 338.9	7.6				53.0	240	4747	13 10 04
13 20 00	J1018+3542	15 02 46	36.7 286.6	4.7				57.1	286	4747	13 20 00
13 26 20	=1015+359	15 09 07	35.6 287.4	4.8				56.7	380	4771	13 20 04
13 30 00	J1033+4116	15 12 48	40.4 292.1	4.7				61.2	204	4771	13 30 00
13 36 20	=1030+415	15 19 09	39.3 292.8	4.8				60.7	380	4796	13 30 04
13 40 00	J1038+4244	15 22 49	40.3 294.3	4.7				61.9	208	4796	13 40 00
13 46 20	=1035+430	15 29 10	39.3 295.0	4.8				61.3	380	4820	13 40 04
13 50 00	J1033+6051	15 32 51	44.9 318.4	5.0				75.5	182	4820	13 50 00
13 56 20	=1030+611	15 39 12	44.1 318.7	5.1				74.3	380	4845	13 50 04
14 10 00	0716+714	15 52 54	31.8 342.6	8.5				41.7	782	4845	14 10 00
14 14 00	---	15 56 55	31.6 342.9	8.6				40.9	240	4860	14 10 04
14 20 00	J1203+4803	16 02 56	49.7 286.8	4.0				71.7	294	4860	14 20 00
14 26 20	=1200+483	16 09 17	48.7 287.3	4.1				70.9	380	4885	14 20 04
14 30 00	J1200+5300	16 12 57	49.0 305.0	4.2				75.3	201	4885	14 30 00
14 36 20	=1157+532	16 19 18	48.1 305.4	4.3				74.4	380	4909	14 30 04
14 40 00	J1203+4803	16 22 59	46.5 288.5	4.3				69.2	201	4909	14 40 00
14 46 20	=1200+483	16 29 20	45.5 289.0	4.4				68.4	380	4934	14 40 04
15 00 00	J1219+6344	16 43 02	49.4 321.6	4.4				85.5	783	4934	15 00 00
15 06 20	=1216+640	16 49 23	48.7 321.7	4.5				84.2	380	4958	15 00 04
15 10 00	J1241+5458	16 53 04	49.6 307.9	4.2				77.7	380	4958	15 10 00
15 16 20	=1239+552	16 59 25	48.8 308.2	4.3				76.7	380	4983	15 10 04
15 20 00	J1200+5300	17 03 06	41.9 308.4	5.0				67.8	202	4983	15 20 00
15 26 20	=1157+532	17 09 27	41.0 308.9	5.1				66.8	380	5007	15 20 04
15 30 00	J1259+5140	17 13 07	48.5 303.1	4.2				73.7	200	5007	15 30 00
15 36 20	=1257+519	17 19 28	47.6 303.5	4.3				72.8	380	5032	15 30 04

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Schedule for PDBURE (Code PR) Page 17
Part B: 282-20h09 UT (EU) / 283-01h10 UT (US) - 284-17h58 UT
UP: D => Below limits; H => Below horizon mask; W => Still slewing at end; blank => UP.
Early: Seconds between end of slew and start. Dwell: On source seconds.
Disk: Gbytes recorded to this point.
TPStart: Recording start time. Frequencies are LO sum (band edge).
SYNC: Time correlator is expected to sync up.

Start UT	Source	LST	Start	Stop	HA	UP	PARA	Dwell	Disk	TPStart
Stop UT			EL	AZ					Gbytes	SYNC

--- Tue 11 Oct 2011 Day 284 ---

15 40 00	U1306+5529	17 23 09	49.0	308.9	4.3			77.4	204	5032	15 40 00	✓
15 46 20	=1303+557	17 29 30	48.1	309.2	4.4			76.3	380	5056	15 40 04	✓
16 05 00	1633+382	17 48 13	75.0	250.6	1.2			58.6	1030	5056	16 05 00	✓
16 09 00	---	17 52 14	74.3	252.2	1.3			59.4	240	5072	16 05 04	✓
16 20 00	U1549+5038	18 03 15	66.9	296.9	2.2			91.9	596	5072	16 20 00	✓
16 26 20	=1547+507	18 09 37	65.9	296.9	2.3			90.6	380	5096	16 20 04	✓
16 30 00	U1624+5741	18 13 17	68.8	317.5	1.8			116.1	185	5096	16 30 00	✓
16 36 20	=1623+578	18 19 38	68.0	316.6	1.9			113.9	380	5121	16 30 04	✓
16 40 00	U1716+6836	18 23 19	64.5	345.8	1.1			151.5	174	5121	16 40 00	✓
16 46 20	=1716+686	18 29 40	64.2	344.7	1.2			148.9	380	5145	16 40 04	✓
16 53 00	U1808+4542	18 36 21	85.0	284.9	0.5			100.0	321	5145	16 53 00	✓
16 59 20	=1806+456	18 42 42	83.9	283.2	0.6			97.2	380	5170	16 53 04	✓
17 10 00	1633+382	18 53 24	63.6	267.9	2.3			64.7	608	5170	17 10 00	✓
17 14 00	---	18 57 24	62.9	268.6	2.4			64.7	240	5185	17 10 04	✓
17 20 00	U1549+5038	19 03 25	57.4	298.1	3.2			81.3	315	5185	17 20 00	✓
17 26 20	=1547+507	19 09 46	56.4	298.4	3.3			80.4	380	5210	17 20 04	✓
17 30 00	U1624+5741	19 13 27	61.1	311.9	2.8			98.3	194	5210	17 30 00	✓
17 36 20	=1623+578	19 19 48	60.3	311.7	2.9			96.7	380	5235	17 30 04	✓
17 40 00	U1716+6836	19 23 29	61.0	336.6	2.1			129.2	180	5235	17 40 00	✓
17 46 20	=1716+686	19 29 50	60.6	335.9	2.2			127.1	380	5259	17 40 04	✓
17 51 30	U1808+4542	19 35 01	74.8	281.7	1.4			86.3	235	5259	17 51 30	✓
17 57 50	=1806+456	19 41 22	73.7	282.0	1.5			85.5	380	5284	17 51 34	✓

SETUP FILE INFORMATION:

NOTE: If DOPPLER, FREQ, or BW were used, see the individual scans for the final BBC settings

Setup file: 3mm.lcp.set

Matching groups in freq: 3mm:
3mm_pdb_lcp- 3mm GMVA, new LO after Oct. 2010

Setup group: 14 Station: PDBURE Total bit rate: 512
Format: MKIVL:4 Bits per sample: 2 Sample rate: 32.000
Number of channels: 8 DBE type: Speedup factor: 1.00

Disk used to record data.

1st LO=	85834.00	85834.00	85834.00	85834.00	85834.00	85834.00	85834.00	85834.00	85834.00
Net SB=	U	U	U	U	U	U	U	U	U
Pol. =	LCP	LCP	LCP	LCP	LCP	LCP	LCP	LCP	LCP
BBC =	1	2	3	4	5	6	7	8	
BBC SB=	U	U	U	U	U	U	U	U	U
IF =	1N	2A	1N	2A	1N	2A	1N	2A	

The following frequency sets based on these setups were used.

Frequency Set: 7 Setup file default.
LO sum= 86197.99 86213.99 86229.99 86245.99 86261.99 86277.99 86293.99 86309.99

Monday October 03, 2011

c112bsch.pb

BBC fir= 363.99 379.99 395.99 411.99 427.99 443.99 459.99 475.99
Bandwidth= 16.000 16.000 16.000 16.000 16.000 16.000 16.000 16.000
Matching frequency sets: 7
Track assignments are:
track1= 2, 18, 3, 19, 66, 82, 67, 83
barrel=roll_off