A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
12:21:30	27 51.0	-82 29.6	-0.3	-0.0	0.3	9976	312.8	-0.8	-0.1	1018.0	0.0	29.0	29.0	21.7	21.7	-23.4
12:21:30	27 51.0	-82 29.6	0.0	-0.0	0.0	0	245.5	-0.7	-0.2	1018.5	0.0	29.4	29.4	24.1	24.1	-37.6
12:21:30	27 51.0	-82 29.6	-0.0	-0.0	0.0	3	35.1	-0.0	-0.3	0.0	-0.0	-0.0	-0.0	50.0	50.0	64.9
12:21:30	27 51.0	-82 29.6	300.6	348.6	-44	10	36.4	-0.1	0.1	0.0	-0.0	-0.0	3.6	331.7	1.7	1.9
12:22:00	27 51.0	-82 29.6	-0.4	-0.0	0.4	9976	312.8	-0.8	-0.1	1018.0	0.0	29.1	29.1	21.6	21.6	-23.4
12:22:00	27 51.0	-82 29.6	0.0	-0.0	0.0	1	245.5	-0.7	-0.2	1018.5	0.0	29.5	29.5	23.9	23.9	-37.6
12:22:00	27 51.0	-82 29.6	-0.0	0.0	0.0	5	35.1	0.0	-0.3	0.0	-0.0	-0.0	-0.0	50.0	50.0	64.3
12:22:00	27 51.0	-82 29.6	300.7	348.4	-44	10	36.4	0.1	0.1	0.0	-0.0	-0.0	4.1	303.3	1.8	2.1
12:22:30	27 51.0	-82 29.6	-0.4	-0.0	0.4	9976	312.8	-0.8	-0.1	1018.0	0.1	29.1	29.1	21.7	21.7	-23.1
12:22:30	27 51.0	-82 29.6	0.0	-0.0	0.0	1	245.5	-0.7	-0.2	1018.5	0.0	29.5	29.5	24.1	24.1	-37.6
12:22:30	27 51.0	-82 29.6	-0.0	-0.0	0.0	7	35.1	0.0	-0.3	0.0	-0.0	-0.0	-0.0	50.0	50.0	64.6
12:22:30	27 51.0	-82 29.6	300.7	348.7	-44	11	36.4	-0.0	0.1	0.1	-0.0	-0.0	6.2	322.9	3.0	3.3
12:23:00	27 51.0	-82 29.6	-0.4	-0.0	0.4	9976	312.8	-0.8	-0.1	1017.9	0.1	29.0	29.0	21.7	21.7	-23.3
12:23:00	27 51.0	-82 29.6	0.0	-0.0	0.0	2	245.4	-0.7	-0.1	1018.5	0.1	29.3	29.3	24.1	24.1	-37.6
12:23:00	27 51.0	-82 29.6	0.0	-0.0	0.0	7	35.1	-0.1	-0.3	0.0	-0.0	-0.0	-0.0	50.0	50.0	65.1
12:23:00	27 51.0	-82 29.6	300.5	348.4	-43	12	36.4	-0.1	0.1	0.1	-0.0	-0.0	8.3	330.0	2.5	4.4
12:23:30	27 51.0	-82 29.7	-0.4	-0.0	0.4	9976	312.8	-0.8	-0.1	1018.0	-0.0	28.9	-32767.0	21.7	21.7	-23.0
12:23:30	27 51.0	-82 29.6	0.0	-0.0	0.0	2	245.4	-0.7	-0.2	1018.5	-0.0	29.1	-32767.0	24.1	24.1	-37.6
12:23:30	27 51.0	-82 29.6	-0.0	-0.0	0.0	8	35.1	0.1	-0.2	0.0	-0.0	-0.0	-32767.0	50.0	50.0	-32767.0
12:23:30	27 51.0	-82 29.6	-32767.0	-32767.0	-32767	12	36.4	-0.0	0.1	0.0	-0.1	-0.0	-32767.0	-32767.0	-32767.0	-327
12:24:00	27 51.0	-82 29.7	-0.4	-0.0	0.4	9976	312.8	-0.8	-0.1	1018.1	0.1	28.9	28.9	21.7	21.7	-23.3
12:24:00	27 51.0	-82 29.6	0.0	-0.0	0.0	2	245.4	-0.7	-0.2	1018.5	0.0	29.1	29.1	24.1	24.1	-37.6
12:24:00	27 51.0	-82 29.6	0.0	0.0	0.0	6	35.2	0.1	-0.2	0.0	-0.0	-0.0	-0.0	50.0	50.0	65.4
12:24:00	27 51.0	-82 29.6	300.5	348.4	-44	13	36.4	-0.0	-0.0	0.1	-0.0	-0.0	5.7	323.7	2.4	3.0
12:24:30	27 51.0	-82 29.7	-0.4	-0.0	0.4	9976	312.8	-0.8	-0.1	1017.9	0.0	28.8	28.8	21.7	21.7	-23.0
12:24:30	27 51.0	-82 29.6	0.0	-0.0	0.0	2	245.5	-0.7	-0.2	1018.6	-0.0	29.0	29.0	24.1	24.1	-37.6
12:24:30	27 51.0	-82 29.6	-0.0	0.0	0.0	6	35.2	0.0	-0.1	0.0	-0.0	-0.0	-0.0	50.0	50.0	66.0
12:24:30	27 51.0	-82 29.6	300.3	348.3	-44	13	36.4	-0.0	0.1	0.1	-0.0	-0.0	2.7	332.0	1.2	1.4
12:25:00	27 51.0	-82 29.7	-0.4	-0.0	0.4	9976	312.7	-0.8	-0.1	1018.0	0.0	28.8	28.8	21.8	21.8	-23.2
12:25:00	27 51.0	-82 29.6	0.0	-0.0	0.0	2	245.4	-0.7	-0.1	1018.5	0.0	29.0	29.0	24.1	24.1	-37.6
12:25:00	27 51.0	-82 29.6	-0.0	-0.0	0.0	6	35.2	-0.0	-0.3	0.0	-0.0	-0.0	-0.0	50.0	50.0	65.9
12:25:00	27 51.0	-82 29.6	300.4	348.4	-43	13	36.4	-0.0	0.0	0.1	-0.0	-0.0	5.1	326.2	2.5	2.7
12:25:30	27 51.0	-82 29.7	-0.4	-0.0	0.4	9976	312.8	-0.8	-0.1	1018.0	0.1	28.9	28.9	21.8	21.8	-23.3
12:25:30	27 51.0	-82 29.6	0.0	-0.0	0.0	2	245.4	-0.7	-0.2	1018.5	0.0	29.1	29.1	24.1	24.1	-37.6
12:25:30	27 51.0	-82 29.6	-0.0	-0.0	0.0	5	35.0	0.1	-0.2	0.0	-0.0	-0.0	-0.0	50.0	50.0	65.6
12:25:30	27 51.0	-82 29.6	300.5	348.5	-44	12	36.4	-0.0	0.1	0.1	-0.0	-0.0	6.7	324.9	3.0	3.5
12:26:00	27 51.0	-82 29.7	-1.1	-1.0	1.5	9976	209.6	-0.3	-0.6	1018.0	-0.1	28.9	-32767.0	21.6	21.6	-23.5
12:26:00	27 51.0	-82 29.6	-0.7	-1.0	1.2	1	142.5	-0.2	-0.7	1018.6	-0.1	29.1	-32767.0	23.9	23.9	-37.6
12:26:00	27 51.0	-82 29.6	-0.8	-0.8	1.1	4	35.3	0.0	-0.3	0.0	-0.0	-0.0	-32767.0	48.8	48.8	-32767.0
12:26:00	27 51.0	-82 29.6	-32767.0	-32767.0	-32767	12	36.4	-0.2	0.1	-0.1	-0.0	-0.0	-32767.0	-32767.0	-32767.0	-327

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
12:26:30	27 50.9	-82 29.7	-3.2	-4.4	5.4	9976	210.6	-0.1	-0.4	1017.9	-0.0	28.3	-32767.0	21.9	21.9	-23.8
12:26:30	27 50.9	-82 29.6	-2.8	-4.4	5.2	1	143.2	0.0	-0.5	1018.5	-0.0	28.2	-32767.0	24.1	24.1	-37.4
12:26:30	27 50.9	-82 29.6	-3.0	-4.2	5.1	7	35.2	0.0	-0.4	0.1	0.2	-0.0	-32767.0	43.7	43.7	-32767.0
12:26:30	27 50.9	-82 29.6	-32767.0	-32767.0	-32767	12	36.5	-1.3	-0.4	-0.1	0.1	-0.0	-32767.0	-32767.0	-32767.0	-327
12:27:00	27 50.9	-82 29.7	5.1	-5.3	7.3	9976	134.2	-0.2	-0.6	1018.0	0.6	28.1	28.1	21.9	21.9	-24.3
12:27:00	27 50.9	-82 29.6	5.4	-5.2	7.5	1	66.8	-0.1	-0.7	1018.5	0.6	28.1	28.1	24.3	24.3	-37.4
12:27:00	27 50.8	-82 29.6	5.3	-5.3	7.5	9	35.1	-0.1	0.1	0.6	0.7	-0.0	-0.1	28.2	28.2	69.7
12:27:00	27 50.8	-82 29.6	299.7	348.0	-44	12	36.4	-0.8	-0.2	0.6	0.6	-0.0	19.5	104.4	3.3	10.3
12:27:30	27 50.8	-82 29.7	-5.8	-2.4	6.3	9976	249.0	-0.5	-0.1	1018.0	0.1	28.2	28.2	22.0	22.0	-24.7
12:27:30	27 50.8	-82 29.6	-5.5	-2.4	6.0	1	181.4	-0.4	-0.2	1018.5	0.1	28.2	28.1	24.3	24.3	-37.4
12:27:30	27 50.8	-82 29.5	-5.6	-2.5	6.2	10	35.3	-0.0	-0.1	0.1	0.1	-0.0	-0.0	48.8	48.8	69.3
12:27:30	27 50.8	-82 29.5	299.8	348.4	-44	12	36.4	-0.2	-0.1	0.1	0.1	-0.0	9.6	113.3	2.1	5.0
12:28:00	27 50.8	-82 29.8	-7.9	-0.0	7.9	9976	269.5	-0.5	-0.1	1018.0	0.1	28.9	28.9	22.0	22.0	-24.6
12:28:00	27 50.8	-82 29.7	-7.6	-0.1	7.6	1	202.1	-0.4	-0.2	1018.5	0.1	29.0	29.0	24.3	24.3	-37.3
12:28:00	27 50.7	-82 29.7	-7.5	-0.0	7.5	4	35.2	0.2	1.1	0.1	0.1	-0.0	-0.0	49.8	49.8	66.6
12:28:00	27 50.7	-82 29.7	300.5	349.2	-44	11	36.5	-0.2	-0.1	0.1	0.2	-0.0	8.9	118.1	4.3	4.7
12:28:30	27 50.8	-82 30.0	-10.9	-0.0	10.9	9976	269.9	-0.4	-0.2	1018.0	0.4	28.3	28.3	22.1	22.1	-24.2
12:28:30	27 50.8	-82 29.9	-10.6	-0.0	10.6	1	202.5	-0.3	-0.3	1018.6	0.4	28.3	28.2	24.4	24.4	-37.3
12:28:30	27 50.7	-82 29.8	-10.6	-0.1	10.6	2	35.1	0.1	1.1	0.4	0.4	-0.0	-0.0	50.0	50.0	69.5
12:28:30	27 50.7	-82 29.8	299.8	348.6	-44	11	36.5	-0.3	-0.0	0.4	0.4	-0.0	16.5	108.9	2.4	8.7
12:29:00	27 50.8	-82 30.1	-0.3	-0.0	0.3	-3	269.9	-0.8	-0.3	1017.8	-0.2	28.7	-32767.0	22.2	22.2	-24.2
12:29:00	27 50.8	-82 29.9	0.0	-0.0	0.0	1	202.6	-0.7	-0.3	1018.9	-0.2	28.7	-32767.0	24.5	24.5	-37.4
12:29:00	27 50.7	-82 29.9	-0.0	-0.0	0.0	5	35.2	-0.3	1.1	0.1	-0.0	-0.0	-32767.0	50.0	50.0	-32767.0
12:29:00	27 50.7	-82 29.9	-32767.0	-32767.0	-32767	10	36.5	-0.0	0.0	-0.3	-0.0	-0.0	-32767.0	-32767.0	-32767.0	-327
12:29:30	27 50.8	-82 30.1	-0.3	-0.0	0.3	-3	269.9	-0.5	-0.2	1018.0	0.1	28.8	28.8	22.0	22.0	-24.0
12:29:30	27 50.8	-82 29.9	0.0	-0.0	0.0	2	202.6	-0.4	-0.3	1018.5	0.1	28.8	28.8	24.3	24.3	-37.4
12:29:30	27 50.7	-82 29.9	-0.0	-0.0	0.0	5	35.1	-0.0	1.2	0.0	-0.0	-0.0	-0.0	49.7	49.7	66.9
12:29:30	27 50.7	-82 29.9	300.4	349.1	-44	11	36.5	-0.0	-0.0	0.1	-0.0	-0.0	8.3	275.0	4.0	4.4
12:30:00	27 50.8	-82 30.1	-9.9	0.0	9.9	-4	270.0	-0.3	-0.2	1018.0	0.5	28.3	28.3	22.2	22.2	-24.3
12:30:00	27 50.8	-82 30.0	-9.6	-0.0	9.6	1	202.6	-0.2	-0.3	1018.5	0.5	28.3	28.3	24.4	24.4	-37.4
12:30:00	27 50.7	-82 30.0	-9.5	0.0	9.5	5	35.2	-0.2	1.1	0.4	0.4	-0.0	-0.0	44.0	44.0	70.0
12:30:00	27 50.7	-82 30.0	299.9	349.0	-44	11	36.5	-0.5	-0.1	0.4	0.3	-0.0	17.0	140.6	1.7	8.9
12:30:30	27 50.8	-82 30.4	-12.8	0.0	12.8	-4	270.1	-0.4	-0.2	1018.0	0.6	27.9	27.8	22.0	22.0	-24.7
12:30:30	27 50.8	-82 30.2	-12.5	0.0	12.5	1	202.7	-0.2	-0.3	1018.6	0.5	27.9	27.8	24.3	24.3	-37.4
12:30:30	27 50.7	-82 30.2	-12.5	0.1	12.5	4	35.1	0.1	1.2	0.5	0.5	-0.0	-0.0	49.8	49.8	70.9
12:30:30	27 50.7	-82 30.2	299.4	347.8	-45	11	36.5	-0.1	0.0	0.5	0.5	-0.0	18.5	95.2	3.1	9.7
12:31:00	27 50.8	-82 30.6	-14.2	0.1	14.2	-5	270.4	-0.3	-0.5	1018.0	0.7	27.9	27.9	22.0	22.0	-24.3
12:31:00	27 50.8	-82 30.5	-13.9	0.0	13.9	1	203.1	-0.1	-0.5	1018.6	0.7	28.0	27.9	24.4	24.4	-37.4
12:31:00	27 50.7	-82 30.4	-14.0	0.0	14.0	5	35.1	0.0	1.1	0.6	0.7	-0.0	-0.1	50.0	50.0	71.1
12:31:00	27 50.7	-82 30.4	299.4	348.1	-44	11	36.5	-0.2	0.0	0.7	0.7	-0.0	20.6	95.9	3.4	10.8

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
12:31:30	27 50.8	-82 30.9	-14.5	0.0	14.5	-4	269.7	-0.1	-0.3	1017.9	0.8	28.0	28.0	22.1	22.1	-24.3
12:31:30	27 50.8	-82 30.7	-14.2	0.0	14.2	1	202.4	0.0	-0.3	1018.5	0.8	28.1	28.0	24.4	24.4	-37.4
12:31:30	27 50.7	-82 30.7	-14.3	0.1	14.3	11	35.1	0.2	1.1	0.7	0.8	-0.0	-0.1	48.4	48.4	71.0
12:31:30	27 50.7	-82 30.7	299.6	348.5	-44	11	36.5	-0.3	-0.0	0.8	0.7	-0.0	22.9	102.9	2.6	12.0
12:32:00	27 50.8	-82 31.1	-14.5	-0.1	14.5	-5	269.5	-0.1	-0.3	1017.9	0.9	28.1	28.0	22.0	22.0	-24.3
12:32:00	27 50.8	-82 31.0	-14.2	-0.1	14.2	1	202.1	-0.0	-0.4	1018.5	0.9	28.2	28.1	24.4	24.4	-37.5
12:32:00	27 50.7	-82 31.0	-14.3	-0.1	14.3	9	35.2	0.2	1.0	0.8	0.8	-0.0	-0.1	49.0	49.0	70.1
12:32:00	27 50.7	-82 30.9	299.6	348.1	-44	11	36.4	0.4	0.2	0.9	0.9	-0.0	23.5	67.2	2.3	12.4
12:32:30	27 50.8	-82 31.4	-13.7	0.1	13.7	-5	270.2	-0.2	-0.2	1017.9	0.9	28.2	28.2	22.2	22.2	-24.6
12:32:30	27 50.8	-82 31.2	-13.4	0.1	13.4	1	202.9	-0.1	-0.3	1018.5	0.9	28.4	28.3	24.5	24.5	-37.5
12:32:30	27 50.7	-82 31.2	-13.5	0.1	13.5	8	35.0	0.4	1.1	0.6	0.7	-0.0	-0.1	50.0	50.0	70.3
12:32:30	27 50.7	-82 31.2	299.8	348.9	-44	11	36.5	0.4	0.2	0.9	0.9	-0.0	23.2	55.7	1.9	12.2
12:33:00	27 50.7	-82 31.6	-7.0	-7.9	10.6	-5	220.4	-0.3	-0.2	1018.0	0.6	28.1	28.1	22.2	22.2	-23.8
12:33:00	27 50.7	-82 31.4	-6.8	-7.9	10.4	1	153.1	-0.1	-0.3	1018.6	0.5	28.2	28.2	24.6	24.6	-37.5
12:33:00	27 50.7	-82 31.4	-6.8	-7.9	10.4	8	35.2	0.0	0.9	0.5	0.5	-0.0	-0.0	45.9	45.9	70.9
12:33:00	27 50.7	-82 31.4	299.7	348.9	-45	11	36.5	-0.7	-0.2	0.5	0.5	-0.0	18.5	101.6	2.1	9.7
12:33:30	27 50.6	-82 31.7	-8.9	-10.0	13.4	-5	220.9	-0.2	-0.1	1018.0	0.9	28.4	28.3	22.3	22.3	-23.8
12:33:30	27 50.6	-82 31.5	-8.7	-10.0	13.2	1	153.5	-0.0	-0.2	1018.7	0.9	28.4	28.3	24.6	24.6	-37.4
12:33:30	27 50.5	-82 31.5	-8.8	-10.0	13.3	9	35.0	0.2	1.1	0.8	1.0	-0.0	-0.1	36.7	36.7	70.2
12:33:30	27 50.5	-82 31.5	299.9	349.2	-45	10	36.5	-1.6	-0.6	0.8	1.0	-0.0	24.2	111.2	2.7	12.7
12:34:00	27 50.4	-82 31.9	-9.5	-11.0	14.5	-4	220.1	-0.7	-0.4	1018.1	0.9	28.3	28.2	22.3	22.3	-23.2
12:34:00	27 50.4	-82 31.7	-9.3	-11.0	14.4	1	152.7	-0.6	-0.5	1018.8	0.9	28.4	28.3	24.7	24.7	-37.6
12:34:00	27 50.4	-82 31.7	-9.6	-11.2	14.8	7	35.1	0.1	1.1	0.8	1.0	-0.0	-0.1	45.4	45.4	70.7
12:34:00	27 50.4	-82 31.6	299.8	349.4	-46	10	36.5	-1.1	-0.3	0.8	1.2	-0.0	23.7	81.3	2.9	12.5
12:34:30	27 50.2	-82 32.0	-5.6	-6.5	8.6	-4	219.9	-0.6	-0.2	1018.1	0.3	28.2	28.2	22.2	22.2	-23.7
12:34:30	27 50.2	-82 31.8	-5.4	-6.5	8.4	1	152.5	-0.5	-0.3	1018.7	0.3	28.2	28.2	24.6	24.6	-37.5
12:34:30	27 50.2	-82 31.8	-5.6	-6.7	8.8	6	35.0	0.1	0.9	0.2	0.3	-0.0	-0.0	43.7	43.7	70.5
12:34:30	27 50.2	-82 31.8	299.8	349.0	-46	9	36.5	-0.2	-0.0	0.3	0.3	-0.0	14.6	76.6	1.2	7.7
12:35:00	27 50.3	-82 32.1	-4.5	3.6	5.7	-5	309.9	-0.2	-0.3	1018.2	-0.3	29.3	-32767.0	22.3	22.3	-23.5
12:35:00	27 50.3	-82 31.9	-4.3	3.6	5.6	1	242.5	-0.1	-0.3	1018.8	-0.3	29.5	-32767.0	24.4	24.4	-37.5
12:35:00	27 50.2	-82 31.9	-4.6	3.7	5.9	7	35.1	-0.0	0.7	0.0	0.0	-0.0	-32767.0	48.8	48.8	-32767.0
12:35:00	27 50.2	-82 31.9	-32767.0	-32767.0	-32767	10	36.5	0.1	-0.0	-0.4	0.1	-0.0	-32767.0	-32767.0	-32767.0	-327
12:35:30	27 50.3	-82 32.1	-0.1	-0.0	0.1	-5	41.3	-1.1	-0.4	1018.0	-0.4	28.6	-32767.0	22.1	22.1	-23.3
12:35:30	27 50.3	-82 31.9	0.1	0.0	0.1	1	334.0	-1.0	-0.5	1019.0	-0.4	28.6	-32767.0	24.4	24.4	-37.6
12:35:30	27 50.3	-82 31.9	-0.0	-0.0	0.0	7	35.0	-1.0	0.7	0.4	0.1	-0.0	-32767.0	49.5	49.5	-32767.0
12:35:30	27 50.3	-82 31.9	-32767.0	-32767.0	-32767	10	36.5	0.4	0.3	-0.3	0.0	-0.0	-32767.0	-32767.0	-32767.0	-327
12:36:00	27 50.7	-82 31.8	37.6	44.0	57.9	-7	40.7	-1.4	-0.3	1017.6	19.4	29.7	28.1	22.2	22.2	-23.3
12:36:00	27 50.7	-82 31.6	37.7	44.1	58.0	2	333.4	-1.3	-0.4	1020.0	19.4	29.8	28.2	24.7	24.7	-37.5
12:36:00	27 50.6	-82 31.6	37.5	43.3	57.3	4	35.0	-7.8	-5.4	22.3	22.7	-0.0	-1.5	38.1	38.1	71.1
12:36:00	27 50.5	-82 31.8	299.5	348.7	-56	10	36.5	6.0	2.1	19.1	21.1	-0.0	109.1	142.7	2.5	57.4

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
12:36:30	27 51.6	-82 30.9	51.6	61.1	80.0	62	42.2*	6.4	5.1*1007.9		39.0	30.3	27.1	21.5	21.5	-22.8
12:36:30	27 51.6	-82 30.7	51.7	61.2	80.1	71	335.0*	6.5	5.0*1010.7		39.1	30.4	27.1	24.0	24.0	-37.4
12:36:30	27 51.5	-82 30.7	51.5	61.4	80.1	78	34.8	10.8	-3.9	41.0	44.7	-0.0	-2.9	44.8*	44.8*	72.2
12:36:30	27 51.5	-82 30.7	299.3	346.7	21	81	36.5	-0.6	-0.1	39.1	41.2	-0.0	154.3	107.9	3.1	81.4
12:37:00	27 52.3	-82 29.7	83.4	25.2	87.2	213	76.5*	6.1	11.0*	991.0	46.2	29.3	25.4	21.5	21.5	-24.1
12:37:00	27 52.3	-82 29.5	83.6	25.4	87.3	220	9.0*	6.2	10.8*	994.8	46.3	29.4	25.5	23.7	23.7	-37.2
12:37:00

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
12:41:30	27 58.3	-82 32.0	-134.1	3.6	134.1	1310	273.0	1.9	-0.3	873.6	87.6	28.4	20.6	13.4	13.4	-36.9
12:41:30	27 58.3	-82 31.8	-135.0	3.4	135.1	1301	205.7	2.0	-0.3	878.8	87.6	28.2	20.2	16.0	16.0	-37.3
12:41:30	27 58.2	-82 31.8	-135.4	3.5	135.4	1317	19.7	-4.8	-20.2	88.1	95.5	-0.0	-7.3	49.9	49.9	63.5
12:41:30	27 58.2	-82 31.2	304.8	338.1	1185	1319	29.1	-3.3	2.5	87.6	92.2	-0.6	229.4	62.1	7.3	127.9
12:42:00	27 58.2	-82 34.5	-131.0	-5.2	131.1	1330	269.1	3.5	1.0	871.4	82.4	28.1	20.7	12.5	12.5	-36.6
12:42:00	27 58.2	-82 34.3	-132.1	-5.4	132.3	1326	201.7	3.6	0.9	876.4	82.4	27.9	20.3	15.0	15.0	-37.2
12:42:00	27 58.2	-82 34.3	-132.6	-5.4	132.7	1338	19.8	1.3	-17.5	83.0	90.2	-0.0	-6.9	50.0	50.0	59.3
12:42:00	27 58.2	-82 34.1	305.2	336.6	1207	1335	28.1	-4.2	1.9	82.4	86.9	-0.6	222.7	65.0	7.5	124.3
12:42:30	27 58.2	-82 36.8	-126.7	-3.6	126.7	1465	269.5	5.1	0.1	858.8	76.2	26.7	19.7	11.8	11.8	-24.4
12:42:30	27 58.2	-82 36.7	-128.0	-3.8	128.0	1458	202.1	5.2	-0.0	863.5	76.2	26.4	19.3	14.7	14.7	-37.2
12:42:30	27 58.1	-82 36.7	-128.4	-3.7	128.4	1463	18.7	4.9	-14.7	77.1	83.8	-0.0	-6.5	50.0	50.0	60.7
12:42:30	27 58.1	-82 36.7	305.4	336.1	1328	1466	28.1	-2.4	1.7	76.2	80.3	-0.6	214.3	67.4	7.2	120.3
12:43:00	27 58.1	-82 39.1	-121.3	-5.5	121.4	1623	268.0	4.8	-1.1	843.4	67.9	24.6	18.3	12.1	12.1	-37.1
12:43:00	27 58.1	-82 39.0	-122.5	-5.7	122.7	1615	200.7	4.9	-1.2	847.6	67.9	24.3	17.9	14.5	14.5	-37.3
12:43:00	27 58.1	-82 39.0	-122.9	-5.5	123.0	1624	17.3	9.2	-11.1	68.9	75.1	-0.0	-5.9	50.0	50.0	67.5
12:43:00	27 58.1	-82 38.1	305.5	337.3	1480	1564	27.7	-1.3	0.0	67.9	71.5	-0.6	202.5	73.4	7.3	114.5
12:43:30	27 58.0	-82 41.4	-126.4	-6.4	126.6	1656	268.1	2.1	2.2	839.7	74.4	24.8	17.9	12.1	12.1	-19.0
12:43:30	27 58.0	-82 41.2	-127.6	-6.6	127.7	1649	200.8	2.2	2.1	844.2	74.4	24.5	17.5	14.6	14.6	-37.3
12:43:30	27 57.9	-82 41.2	-127.8	-6.6	128.0	1663	17.0	4.1	-12.4	74.8	81.6	-0.0	-6.5	50.0	50.0	69.3
12:43:30	27 58.0	-82 40.6*	305.5	337.4	1513	1664	27.4	-6.3	0.8	74.4	78.2	-0.6	211.8	73.4	6.9	119.9
12:44:00	27 57.9	-82 43.7	-133.3	1.3	133.3	1635	271.8	1.8	-0.1	840.3	84.4	25.9	18.2	11.3	11.3	-22.6
12:44:00	27 57.9	-82 43.6	-134.4	1.1	134.4	1625	204.4	1.9	-0.2	845.3	84.4	25.7	17.7	13.9	13.9	-37.3
12:44:00	27 57.9	-82 43.6	-134.6	1.1	134.6	1657	17.1	-1.7	-16.6	84.5	92.1	-0.0	-7.3	50.0	50.0	64.8
12:44:00	27 57.9	-82 43.6	305.6	336.0	1503	1654	28.7	-9.2	0.7	84.4	88.8	-0.6	225.3	71.8	6.3	127.4
12:44:30	27 58.0	-82 46.2	-136.8	-0.7	136.8	1623	271.0	1.6	-3.2	840.5	90.4	26.6	18.3	11.5	11.5	-22.7
12:44:30	27 57.9	-82 46.1	-138.0	-0.9	138.0	1617	203.6	1.8	-3.3	845.8	90.4	26.4	17.9	14.2	14.2	-37.3
12:44:30	27 57.9	-82 46.1	-138.4	-0.7	138.4	1650	17.2	-8.6	-20.6	90.3	98.2	-0.0	-7.8	50.0	50.0	64.8
12:44:30	27 57.9	-82 46.1	305.7	336.4	1497	1650	27.6	-12.3	-0.6	90.2	95.2	-0.6	232.9	71.5	5.4	131.7
12:45:00	27 57.9	-82 48.7	-136.5	-5.4	136.6	1641	268.6	1.7	-1.6	840.4	90.1	26.6	18.3	11.8	11.8	-22.4
12:45:00	27 57.9	-82 48.7	-137.8	-5.6	137.9	1636	201.3	1.8	-1.6	845.8	90.1	26.4	17.8	14.4	14.4	-37.3
12:45:00	27 57.9	-82 48.7	-138.1	-5.4	138.2	1656	17.1	-7.4	-20.0	90.3	98.0	-0.0	-7.8	50.0	50.0	66.3
12:45:00	27 57.9	-82 48.7	305.7	337.0	1498	1651	27.8	-7.9	0.9	90.0	95.0	-0.6	232.6	71.3	5.3	131.5
12:45:30	27 57.8	-82 51.2	-136.0	-6.5	136.1	1644	268.0	1.7	-0.6	840.5	90.0	26.8	18.5	11.0	11.0	-22.9
12:45:30	27 57.8	-82 51.2	-137.3	-6.7	137.5	1638	200.7	1.8	-0.7	845.8	90.0	26.6	18.1	13.7	13.7	-37.4
12:45:30	27 57.8	-82 51.2	-137.7	-6.6	137.8	1656	17.4	-7.3	-20.2	90.1	97.7	-0.0	-7.8	50.0	50.0	62.1
12:45:30	27 57.8	-82 50.5*	306.0	335.8	1498	1650	27.9	-7.4	1.1	89.8	94.7	-0.6	232.3	72.6	4.9	131.4
12:46:00	27 57.7	-82 53.7	-134.8	-6.6	135.0	1645	268.1	1.8	-0.8	840.5	88.8	26.5	18.3	11.2	11.2	-26.1
12:46:00	27 57.7	-82 53.7	-136.2	-6.7	136.4	1637	200.7	1.9	-1.0	845.9	88.8	26.3	17.9	13.8	13.8	-37.3
12:46:00	27 57.7	-82 53.7	-136.6	-6.7	136.8	1657	17.2	-6.4	-19.9	89.0	96.6	-0.0	-7.7	50.0	50.0	63.7
12:46:00	27 57.7	-82 52.9	305.7	335.9	1497	1650	27.9	-7.1	1.2	88.7	93.5	-0.6	230.9	67.7	4.8	130.6

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
12:46:30	27 57.6	-82 56.2	-133.9	-5.7	134.0	1637	268.3	1.9	-0.2	841.5	87.4	26.6	18.6	11.6	11.6	-27.3
12:46:30	27 57.6	-82 56.2	-135.3	-5.9	135.4	1630	201.0	2.1	-0.3	846.7	87.4	26.4	18.1	14.1	14.1	-37.4
12:46:30	27 57.6	-82 56.2	-135.6	-5.8	135.8	1645	17.5	-3.9	-18.9	87.6	95.1	-0.0	-7.6	50.0	50.0	64.2
12:46:30	27 57.6	-82 55.7	305.9	336.7	1489	1642	27.9	-6.2	1.6	87.3	92.0	-0.6	229.1	69.5	4.7	129.6
12:47:00	27 57.5	-82 58.6	-132.2	-5.5	132.3	1634	268.3	1.9	-1.2	842.1	85.1	26.5	18.6	11.4	11.4	-25.6
12:47:00	27 57.5	-82 58.6	-133.6	-5.7	133.7	1625	201.1	2.1	-1.3	847.1	85.0	26.2	18.2	13.9	13.9	-37.3
12:47:00	27 57.5	-82 58.6	-134.0	-5.6	134.1	1641	17.4	-2.3	-18.0	85.1	92.5	-0.0	-7.4	50.0	50.0	63.2
12:47:00	27 57.5	-82 58.0	305.9	336.4	1486	1636	27.9	-7.0	1.4	85.0	89.3	-0.6	226.1	72.2	4.7	127.9
12:47:30	27 57.4	-83 1.0	-130.5	-6.5	130.7	1633	268.0	2.2	-0.6	842.2	82.6	26.1	18.5	11.2	11.2	-23.6
12:47:30	27 57.4	-83 1.0	-131.9	-6.7	132.1	1625	200.7	2.3	-0.7	847.1	82.6	25.9	18.1	13.8	13.8	-37.2
12:47:30	27 57.4	-83 1.1	-132.2	-6.6	132.4	1636	17.6	0.3	-17.0	82.7	90.0	-0.0	-7.2	50.0	50.0	63.0
12:47:30	27 57.4	-83 1.1	305.8	336.0	1485	1634	27.8	-6.5	1.3	82.6	86.8	-0.6	222.9	69.0	4.9	126.0
12:48:00	27 57.3	-83 3.4	-129.2	-6.7	129.4	1632	268.0	2.2	-0.7	842.3	81.5	25.8	18.3	11.8	11.8	-28.2
12:48:00	27 57.3	-83 3.4	-130.6	-6.8	130.8	1624	200.6	2.3	-0.9	847.1	81.4	25.6	17.9	14.3	14.3	-37.4
12:48:00	27 57.3	-83 3.5	-130.9	-6.7	131.1	1636	17.2	0.8	-16.1	81.6	88.8	-0.0	-7.1	50.0	50.0	66.0
12:48:00	27 57.3	-83 3.5	305.6	336.8	1486	1634	27.7	-6.7	1.1	81.4	85.6	-0.6	221.4	65.5	4.6	125.2
12:48:30	27 57.2	-83 5.8	-127.9	-6.5	128.1	1632	267.9	2.4	-0.7	842.4	79.5	25.8	18.5	11.7	11.7	-27.3
12:48:30	27 57.2	-83 5.8	-129.2	-6.6	129.4	1623	200.5	2.6	-0.8	847.1	79.5	25.6	18.0	14.2	14.2	-37.1
12:48:30	27 57.2	-83 5.9	-129.6	-6.5	129.7	1637	17.4	2.2	-15.5	79.7	86.8	-0.0	-6.9	49.3	49.3	64.9
12:48:30	27 57.2	-83 5.7	305.8	336.8	1485	1633	27.8	-5.7	1.3	79.5	83.5	-0.6	218.8	69.0	4.6	123.7
12:49:00	27 57.1	-83 8.1	-127.6	-6.8	127.8	1633	267.8	2.3	-0.6	842.4	79.1	25.8	18.5	11.6	11.6	-25.6
12:49:00	27 57.1	-83 8.2	-128.9	-6.9	129.1	1625	200.5	2.4	-0.6	847.0	79.1	25.5	18.0	14.0	14.0	-37.4
12:49:00	27 57.1	-83 8.2	-129.2	-6.9	129.4	1639	17.3	2.5	-15.1	79.4	86.5	-0.0	-6.9	50.0	50.0	64.6
12:49:00	27 57.1	-83 7.9	305.7	336.6	1486	1634	27.8	-5.7	1.2	79.1	83.1	-0.6	218.3	67.0	4.7	123.4
12:49:30	27 57.0	-83 10.5	-127.9	-6.5	128.1	1633	267.9	2.3	-0.6	842.3	80.1	25.8	18.4	11.7	11.7	-25.4
12:49:30	27 56.9	-83 10.5	-129.2	-6.7	129.4	1625	200.5	2.4	-0.7	847.0	80.1	25.6	18.0	14.3	14.3	-37.4
12:49:30	27 56.9	-83 10.6	-129.5	-6.6	129.7	1641	17.3	1.7	-15.0	80.3	87.5	-0.0	-7.0	50.0	50.0	65.5
12:49:30	27 56.9	-83 10.6	305.7	336.8	1486	1635	27.6	-7.0	1.0	80.1	84.2	-0.6	219.6	69.3	4.1	124.2
12:50:00	27 56.9	-83 12.8	-128.2	-6.4	128.4	1635	267.8	2.2	-0.4	842.1	80.8	25.9	18.5	11.5	11.5	-25.4
12:50:00	27 56.8	-83 12.9	-129.6	-6.5	129.7	1626	200.4	2.3	-0.5	846.9	80.8	25.7	18.0	14.0	14.0	-37.4
12:50:00	27 56.8	-83 13.0	-129.8	-6.5	130.0	1644	17.4	1.0	-15.6	81.1	88.2	-0.0	-7.0	50.0	50.0	64.3
12:50:00	27 56.9	-83 12.3	305.8	336.5	1487	1636	27.5	-5.7	1.5	80.8	84.9	-0.6	220.6	68.4	3.9	124.7
12:50:30	27 56.8	-83 15.2	-128.5	-6.3	128.7	1634	267.9	2.2	-0.6	842.1	80.9	26.0	18.6	11.4	11.4	-24.4
12:50:30	27 56.7	-83 15.3	-129.8	-6.4	130.0	1626	200.5	2.4	-0.7	846.9	80.9	25.8	18.1	13.9	13.9	-37.4
12:50:30	27 56.7	-83 15.3	-130.1	-6.4	130.2	1641	17.4	0.9	-15.6	81.1	88.3	-0.0	-7.0	50.0	50.0	63.5
12:50:30	27 56.8	-83 14.5	305.9	336.4	1487	1636	27.5	-6.5	1.2	80.9	85.1	-0.6	220.7	70.2	4.1	124.8
12:51:00	27 56.7	-83 17.5	-128.6	-6.7	128.7	1634	267.9	2.3	-0.6	842.2	80.9	26.1	18.6	11.5	11.5	-25.6
12:51:00	27 56.6	-83 17.7	-129.8	-6.8	130.0	1626	200.6	2.4	-0.7	847.0	80.9	25.8	18.2	14.0	14.0	-37.4
12:51:00	27 56.6	-83 17.7	-130.1	-6.7	130.3	1636	17.5	1.1	-15.6	81.2	88.4	-0.0	-7.0	50.0	50.0	63.6
12:51:00	27 56.6	-83 17.7	305.9	336.5	1486	1636	27.5	-5.1	1.6	80.9	85.0	-0.6	220.7	63.4	4.3	124.8

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
12:51:30	27 56.6	-83 19.9	-128.2	-7.0	128.4	1634	267.9	2.3	-0.8	842.2	79.9	26.1	18.7	11.2	11.2	-24.2
12:51:30	27 56.5	-83 20.0	-129.4	-7.1	129.6	1626	200.5	2.4	-0.9	846.9	79.9	25.8	18.3	13.8	13.8	-37.4
12:51:30	27 56.5	-83 20.1	-129.7	-7.0	129.9	1636	17.6	1.4	-15.3	80.1	87.3	-0.0	-6.9	50.0	50.0	62.1
12:51:30	27 56.5	-83 19.6	306.0	336.2	1487	1635	27.4	-6.2	1.2	79.9	84.0	-0.6	219.3	63.8	4.7	124.1
12:52:00	27 56.4	-83 22.3	-128.6	-6.9	128.8	1634	267.9	2.3	-0.3	842.2	80.0	26.2	18.8	11.0	11.0	-25.2
12:52:00	27 56.4	-83 22.4	-129.9	-7.0	130.0	1625	200.6	2.4	-0.5	847.0	80.0	25.9	18.3	13.5	13.5	-37.5
12:52:00	27 56.4	-83 22.5	-130.1	-7.0	130.3	1639	17.6	1.7	-15.3	80.2	87.3	-0.0	-6.9	50.0	50.0	60.7
12:52:00	27 56.4	-83 22.3	306.1	335.8	1487	1635	27.4	-6.3	1.2	80.0	84.1	-0.6	219.4	65.4	5.0	124.1
12:52:30	27 56.3	-83 24.6	-128.3	-6.8	128.5	1633	267.9	2.4	-0.4	842.3	79.7	26.2	18.9	10.7	10.7	-32.4
12:52:30	27 56.3	-83 24.8	-129.5	-6.9	129.7	1626	200.5	2.6	-0.5	847.0	79.7	26.0	18.4	13.2	13.2	-37.4
12:52:30	27 56.3	-83 24.8	-129.8	-6.8	130.0	1640	17.7	1.8	-15.3	79.9	87.1	-0.0	-6.9	50.0	50.0	59.3
12:52:30	27 56.3	-83 24.8	306.2	335.3	1487	1635	27.3	-6.1	1.2	79.7	83.8	-0.6	219.0	67.6	4.9	123.9
12:53:00	27 56.2	-83 27.0	-128.9	-6.7	129.1	1635	267.8	2.2	-0.4	842.0	80.5	26.3	18.9	10.6	10.6	-23.3
12:53:00	27 56.2	-83 27.1	-130.2	-6.7	130.3	1628	200.5	2.3	-0.4	846.8	80.5	26.1	18.4	13.2	13.2	-37.3
12:53:00	27 56.2	-83 27.2	-130.4	-6.7	130.6	1641	17.8	1.3	-15.2	80.7	87.9	-0.0	-7.0	50.0	50.0	59.0
12:53:00	27 56.2	-83 27.2	306.2	335.2	1488	1636	27.3	-6.5	1.2	80.5	84.6	-0.6	220.1	70.9	4.8	124.6
12:53:30	27 55.8	-83 29.3	-116.1	-58.9	130.2	1637	242.5*	2.3	-13.6	842.4	81.0	26.4	19.0	10.4	10.4	-24.0
12:53:30	27 55.7	-83 29.5	-117.2	-58.9	131.2	1627	175.2*	2.4	-13.7	846.8	80.9	26.2	18.5	13.0	13.0	-37.4
12:53:30	27 55.8	-83 29.5	-117.9	-58.1	131.4	1641	17.5	2.7	-14.8	81.1	88.4	-0.0	-7.0	50.0	50.0	57.8
12:53:30	27 55.8	-83 29.5	306.3	334.9	1488	1636	27.4	-7.2	0.8	80.9	84.8	-0.6	220.7	76.6	5.5	124.9
12:54:00	27 54.6	-83 31.3	-105.1	-77.6	130.6	1634	233.1	2.3	-1.8	842.1	81.1	26.6	19.1	9.0	9.0	-24.7
12:54:00	27 54.6	-83 31.5	-106.2	-77.6	131.5	1626	165.7	2.4	-1.9	846.9	81.1	26.4	18.7	11.9	11.9	-37.4
12:54:00	27 54.6	-83 31.6	-106.5	-77.6	131.8	1639	18.0	0.3	-15.6	81.3	88.5	-0.0	-7.0	50.0	50.0	52.2
12:54:00	27 54.9*	-83 31.0*	306.4	332.6	1487	1634	27.5	-6.1	1.3	81.0	85.2	-0.6	220.9	66.0	5.8	125.0
12:54:30	27 53.3	-83 33.2	-104.1	-79.7	131.1	1636	232.1	2.1	-0.6	841.8	82.2	26.7	19.1	9.4	9.4	-24.5
12:54:30	27 53.3	-83 33.4	-105.1	-79.7	131.9	1628	164.7	2.2	-0.7	846.7	82.1	26.5	18.7	11.9	11.9	-37.3
12:54:30	27 53.3	-83 33.5	-105.4	-79.8	132.2	1640	17.9	-0.7	-16.1	82.4	89.7	-0.0	-7.1	50.0	50.0	53.5
12:54:30	27 53.3	-83 33.5	306.4	333.2	1489	1637	27.5	-5.5	1.6	82.1	86.4	-0.6	222.3	65.3	5.5	125.8
12:55:00	27 52.0	-83 35.1	-104.6	-80.3	131.9	1635	232.0	2.0	-0.4	841.8	84.1	26.6	18.8	11.0	11.0	-24.6
12:55:00	27 52.0	-83 35.3	-105.7	-80.2	132.7	1626	164.7	2.2	-0.5	846.8	84.1	26.4	18.4	13.6	13.6	-37.5
12:55:00	27 52.0	-83 35.4	-106.0	-80.3	132.9	1638	17.6	-2.3	-17.2	84.3	91.6	-0.0	-7.3	50.0	50.0	60.9
12:55:00	27 52.0	-83 35.4	306.2	336.0	1488	1637	27.4	-6.4	1.5	84.0	88.5	-0.6	224.8	69.4	4.9	127.2
12:55:30	27 50.7	-83 37.0	-104.9	-80.3	132.1	1634	232.1	2.2	-0.6	841.9	83.7	26.8	19.0	10.1	10.1	-23.7
12:55:30	27 50.7	-83 37.3	-105.9	-80.3	132.9	1626	164.7	2.3	-0.7	847.0	83.6	26.5	18.6	12.7	12.7	-37.5
12:55:30	27 50.7	-83 37.4	-106.2	-80.4	133.2	1634	17.9	-1.7	-17.0	83.9	91.3	-0.0	-7.2	50.0	50.0	56.5
12:55:30	27 50.7	-83 37.4	306.4	334.5	1487	1636	27.6	-6.2	1.5	83.6	88.0	-0.6	224.3	67.4	5.4	126.9
12:56:00	27 49.4	-83 39.0	-105.3	-80.5	132.6	1636	232.0	2.0	-0.5	841.8	83.6	26.9	19.2	9.4	9.4	-23.5
12:56:00	27 49.4	-83 39.2	-106.4	-80.4	133.4	1627	164.6	2.1	-0.6	846.8	83.6	26.7	18.7	12.0	12.0	-37.5
12:56:00	27 49.4	-83 39.3	-106.6	-80.5	133.6	1634	18.0	-2.0	-17.1	83.8	91.1	-0.0	-7.2	50.0	50.0	53.2
12:56:00	27 49.5	-83 39.2	306.5	333.4	1488	1638	27.4	-5.5	1.7	83.5	87.9	-0.6	224.2	67.8	5.9	126.9

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
12:56:30	27 48.1	-83 40.9	-106.2	-80.6	133.3	1637	232.0	1.9	-0.4	841.7	85.5	26.9	19.0	9.9	9.9	-23.9
12:56:30	27 48.1	-83 41.2	-107.2	-80.5	134.1	1628	164.6	2.0	-0.6	846.8	85.5	26.7	18.6	12.5	12.5	-37.4
12:56:30	27 48.1	-83 41.2	-107.5	-80.6	134.4	1635	17.9	-3.9	-18.1	85.7	93.1	-0.0	-7.4	50.0	50.0	55.5
12:56:30	27 48.1	-83 41.2	306.4	334.0	1488	1638	27.2	-6.1	1.6	85.4	90.0	-0.6	226.7	75.3	5.5	128.3
12:57:00	27 46.8	-83 42.8	-106.8	-80.6	133.8	1636	232.1	1.8	-0.5	841.7	86.3	26.9	18.9	10.7	10.7	-23.7
12:57:00	27 46.8	-83 43.1	-107.8	-80.6	134.6	1628	164.7	2.0	-0.6	846.8	86.3	26.7

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
13:01:30	27 35.0	-84 0.5	-109.3	-77.4	134.0	1634	234.0	1.8	-0.5	841.7	87.0	26.7	18.7	11.1	11.1	-23.1
13:01:30	27 35.0	-84 0.9	-110.1	-77.3	134.6	1626	166.7	2.0	-0.6	846.8	87.0	26.4	18.2	13.7	13.7	-37.5
13:01:30	27 35.0	-84 1.0	-110.3	-77.4	134.7	1636	17.5	-5.4	-19.3	87.3	94.8	-0.0	-7.5	50.0	50.0	61.9
13:01:30	27 35.0	-84 1.0	306.0	335.9	1488	1636	27.5	-5.6	1.8	86.9	91.7	-0.6	228.6	74.2	5.0	129.3
13:02:00	27 33.7	-84 2.5	-109.2	-77.7	134.0	1633	234.2	1.9	-0.7	841.8	86.5	26.7	18.7	10.9	10.9	-23.4
13:02:00	27 33.7	-84 2.9	-110.0	-77.6	134.6	1625	166.8	2.0	-0.8	846.9	86.5	26.5	18.3	13.5	13.5	-37.5
13:02:00	27 33.8	-84 3.0	-110.1	-77.7	134.8	1636	17.6	-4.6	-19.0	86.7	94.2	-0.0	-7.5	50.0	50.0	60.7
13:02:00	27 34.6*	-84 1.7*	306.0	335.6	1487	1636	27.5	-6.8	1.5	86.4	91.0	-0.6	227.9	67.8	5.3	128.9
13:02:30	27 32.4	-84 4.5	-109.4	-77.7	134.2	1634	234.3	1.6	-0.7	841.6	87.0	26.7	18.7	10.2	10.2	-23.2
13:02:30	27 32.5	-84 4.9	-110.2	-77.6	134.7	1626	166.9	1.7	-0.8	846.7	87.0	26.5	18.2	13.2	13.2	-37.5
13:02:30	27 32.5	-84 5.0	-110.2	-77.6	134.8	1641	17.6	-5.5	-19.3	87.3	94.7	-0.0	-7.5	50.0	50.0	58.0
13:02:30	27 32.9	-84 4.4	306.0	334.2	1489	1636	27.4	-5.1	1.9	86.9	91.6	-0.6	228.5	63.3	5.0	129.3
13:03:00	27 31.2	-84 6.6	-112.4	-73.9	134.5	1634	235.9	1.8	-0.2	841.8	87.4	26.3	18.3	11.9	11.9	-24.3
13:03:00	27 31.3	-84 6.9	-113.1	-73.9	135.1	1625	168.6	2.0	-0.3	846.9	87.4	26.1	17.9	14.6	14.6	-37.4
13:03:00	27 31.3	-84 7.1	-113.1	-73.9	135.2	1640	17.2	-5.8	-19.4	87.6	95.1	-0.0	-7.5	50.0	50.0	66.6
13:03:00	27 31.5	-84 6.6	305.6	337.0	1487	1634	27.2	-6.0	1.6	87.3	92.0	-0.6	229.1	76.6	5.4	129.5
13:03:30	27 30.0	-84 8.6	-112.1	-73.2	133.9	1634	236.2	1.9	-0.7	841.8	87.0	26.6	18.6	11.0	11.0	-23.4
13:03:30	27 30.1	-84 9.0	-112.8	-73.1	134.5	1625	168.9	2.0	-0.8	846.9	87.0	26.4	18.2	13.4	13.4	-37.5
13:03:30	27 30.1	-84 9.1	-112.9	-73.2	134.5	1641	17.4	-5.3	-19.2	87.3	94.7	-0.0	-7.5	50.0	50.0	61.5
13:03:30	27 30.4	-84 8.6	305.9	335.7	1487	1634	27.4	-5.8	1.6	86.9	91.6	-0.6	228.6	75.7	5.0	129.3
13:04:00	27 28.8	-84 10.7	-112.1	-72.5	133.5	1633	236.2	1.9	-0.6	841.9	85.8	26.8	18.9	10.4	10.4	-23.2
13:04:00	27 28.9	-84 11.1	-112.8	-72.4	134.1	1624	168.8	2.0	-0.7	846.8	85.8	26.6	18.5	13.0	13.0	-37.5
13:04:00	27 28.9	-84 11.2	-112.8	-72.4	134.1	1644	17.8	-4.1	-18.8	86.1	93.5	-0.0	-7.4	50.0	50.0	57.9
13:04:00	27 29.3	-84 10.5	306.3	334.8	1488	1634	27.3	-6.2	1.6	85.8	90.3	-0.6	227.1	81.6	5.6	128.5
13:04:30	27 27.6	-84 12.7	-112.0	-72.8	133.6	1634	236.4	1.8	-0.8	841.8	86.2	26.4	18.4	11.8	11.8	-23.3
13:04:30	27 27.7	-84 13.1	-112.7	-72.7	134.1	1625	168.9	1.9	-0.9	846.7	86.1	26.2	18.0	14.2	14.2	-37.5
13:04:30	27 27.7	-84 13.2	-112.7	-72.7	134.1	1647	17.4	-4.7	-18.4	86.3	93.8	-0.0	-7.4	50.0	50.0	65.5
13:04:30	27 28.2	-84 12.4	305.8	337.0	1489	1635	27.2	-7.3	1.2	86.0	90.6	-0.6	227.5	77.7	5.3	128.6
13:05:00	27 26.5	-84 14.8	-112.2	-72.5	133.5	1634	236.2	1.9	-0.4	841.7	86.8	26.4	18.4	11.7	11.7	-24.0
13:05:00	27 26.5	-84 15.2	-112.8	-72.4	134.0	1625	168.8	2.0	-0.5	846.8	86.8	26.2	18.0	14.3	14.3	-37.4
13:05:00	27 26.5	-84 15.3	-112.8	-72.5	134.1	1648	17.3	-5.5	-19.2	87.1	94.5	-0.0	-7.5	50.0	50.0	65.5
13:05:00	27 26.9	-84 14.7	305.7	336.9	1488	1635	27.3	-5.2	1.8	86.7	91.4	-0.6	228.3	84.2	5.0	129.1
13:05:30	27 25.3	-84 16.8	-111.9	-72.4	133.2	1632	236.2	1.9	-0.3	841.9	85.5	26.8	18.9	10.4	10.4	-23.4
13:05:30	27 25.4	-84 17.2	-112.5	-72.3	133.7	1624	168.9	2.0	-0.4	846.8	85.4	26.6	18.5	12.8	12.8	-37.5
13:05:30	27 25.4	-84 17.3	-112.4	-72.4	133.7	1642	17.7	-3.4	-18.4	85.7	93.1	-0.0	-7.4	50.0	50.0	58.0
13:05:30	27 25.5	-84 17.1	306.3	334.9	1488	1633	27.3	-5.2	2.0	85.4	89.9	-0.6	226.6	79.1	5.5	128.2
13:06:00	27 24.1	-84 18.9	-112.2	-72.4	133.5	1633	236.4	1.8	-0.7	841.8	85.8	26.8	18.9	10.1	10.1	-23.2
13:06:00	27 24.2	-84 19.3	-112.8	-72.3	134.0	1623	169.0	1.9	-0.8	846.7	85.8	26.5	18.4	12.7	12.7	-37.5
13:06:00	27 24.2	-84 19.4	-112.7	-72.3	133.9	1640	17.8	-4.2	-18.6	86.0	93.4	-0.0	-7.4	50.0	50.0	56.9
13:06:00	27 24.2	-84 19.4	306.2	334.2	1489	1633	27.4	-5.9	1.7	85.7	90.3	-0.6	227.0	79.1	5.5	128.4

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
13:06:30	27 22.9	-84 20.9	-112.8	-72.3	134.0	1631	236.3	1.9	-0.5	841.9	86.1	27.2	19.3	8.8	8.8	-23.3
13:06:30	27 23.0	-84 21.3	-113.3	-72.3	134.4	1623	168.9	2.0	-0.6	846.9	86.1	27.0	18.8	11.2	11.2	-37.5
13:06:30	27 23.0	-84 21.4	-113.3	-72.3	134.4	1637	18.2	-4.4	-18.7	86.4	93.8	-0.0	-7.4	50.0	50.0	50.9
13:06:30	27 23.0	-84 21.4	306.6	332.4	1487	1632	27.4	-5.7	1.8	86.1	90.7	-0.6	227.5	83.1	5.9	128.7
13:07:00	27 21.7	-84 23.0	-112.7	-72.0	133.7	1632	236.3	1.8	-0.4	841.8	85.7	27.2	19.2	8.8	8.8	-23.4
13:07:00	27 21.8	-84 23.4	-113.2	-71.9	134.1	1622	168.9	2.0	-0.5	846.8	85.7	26.9	18.8	11.3	11.3	-37.5
13:07:00	27 21.8	-84 23.5	-113.1	-72.0	134.1	1636	18.1	-4.2	-18.6	86.0	93.4	-0.0	-7.4	50.0	50.0	51.0
13:07:00	27 21.8	-84 23.5	306.6	332.5	1488	1633	27.5	-5.2	1.9	85.7	90.3	-0.6	227.0	84.8	6.0	128.4
13:07:30	27 20.6	-84 25.0	-112.8	-71.6	133.6	1631	236.3	2.0	-0.4	841.9	86.0	26.8	18.9	9.9	9.9	-23.2
13:07:30	27 20.7	-84 25.5	-113.3	-71.5	134.0	1619	168.9	2.1	-0.5	846.9	86.0	26.6	18.5	12.6	12.6	-37.5
13:07:30	27 20.7	-84 25.5	-113.2	-71.6	134.0	1635	17.8	-4.5	-18.7	86.2	93.6	-0.0	-7.4	50.0	50.0	55.9
13:07:30	27 20.7	-84 25.5	306.3	333.9	1487	1632	27.3	-6.4	1.5	85.9	90.5	-0.6	227.3	89.8	6.1	128.6
13:08:00	27 19.4	-84 27.1	-112.9	-71.3	133.5	1632	236.3	1.9	-0.7	841.9	85.4	26.9	19.1	10.4	10.4	-23.1
13:08:00	27 19.5	-84 27.5	-113.4	-71.2	133.9	1619	168.9	2.0	-0.8	846.8	85.4	26.7	18.6	12.8	12.8	-37.5
13:08:00	27 19.5	-84 27.6	-113.2	-71.2	133.8	1636	18.0	-4.2	-18.5	85.8	93.1	-0.0	-7.4	50.0	50.0	57.6
13:08:00	27 19.9	-84 26.9	306.4	335.1	1488	1633	27.4	-5.1	2.0	85.4	89.9	-0.6	226.6	89.5	6.3	128.2
13:08:30	27 18.3	-84 29.1	-113.3	-71.2	133.8	1632	236.4	1.9	-0.5	841.9	85.9	26.8	18.9	11.0	11.0	-23.6
13:08:30	27 18.3	-84 29.6	-113.7	-71.1	134.1	1617	169.0	2.1	-0.6	846.9	85.9	26.5	18.4	13.5	13.5	-37.5
13:08:30	27 18.4	-84 29.7	-113.6	-71.2	134.0	1634	17.7	-4.1	-18.5	86.1	93.5	-0.0	-7.4	50.0	50.0	60.5
13:08:30	27 18.4	-84 29.7	306.2	335.9	1487	1631	27.4	-5.4	1.8	85.8	90.4	-0.6	227.1	90.8	6.4	128.5
13:09:00	27 17.1	-84 31.2	-113.5	-71.1	134.0	1632	236.2	1.8	-0.6	841.9	85.9	26.7	18.8	10.8	10.8	-23.7
13:09:00	27 17.2	-84 31.6	-113.9	-71.1	134.3	1619	168.9	2.0	-0.7	846.8	85.9	26.5	18.3	13.4	13.4	-37.6
13:09:00	27 17.2	-84 31.7	-113.8	-71.1	134.2	1635	17.7	-4.1	-18.5	86.2	93.6	-0.0	-7.4	50.0	50.0	60.2
13:09:00	27 17.2	-84 31.7	306.1	335.6	1488	1632	27.3	-6.0	1.6	85.9	90.4	-0.6	227.2	94.3	6.9	128.5
13:09:30	27 15.9	-84 33.3	-113.8	-71.0	134.1	1631	236.3	1.9	-0.5	841.8	86.3	26.8	18.8	10.4	10.4	-22.7
13:09:30	27 16.0	-84 33.7	-114.2	-70.9	134.4	1618	168.9	2.0	-0.6	846.9	86.3	26.6	18.4	13.0	13.0	-37.6
13:09:30	27 16.1	-84 33.8	-114.0	-71.0	134.3	1637	17.7	-5.2	-18.8	86.7	94.0	-0.0	-7.5	50.0	50.0	58.2
13:09:30	27 16.1	-84 33.7	306.2	334.7	1487	1632	25.4	-5.3	1.9	86.2	90.9	-0.6	227.7	95.1	6.8	128.8
13:10:00	27 14.8	-84 35.4	-113.9	-71.2	134.3	1635	236.1	1.7	-0.2	841.6	86.8	26.9	18.9	10.1	10.1	-23.3
13:10:00	27 14.9	-84 35.8	-114.2	-71.1	134.6	1621	168.7	1.8	-0.3	846.7	86.8	26.7	18.5	12.7	12.7	-37.6
13:10:00	27 14.9	-84 35.9	-114.0	-71.1	134.4	1636	17.7	-5.9	-19.1	87.2	94.5	-0.0	-7.5	50.0	50.0	56.9
13:10:00	27 14.9	-84 35.9	306.3	334.4	1489	1634	27.2	-3.9	2.2	86.7	91.4	-0.6	228.3	97.1	6.7	129.2
13:10:30	27 13.6	-84 37.4	-113.0	-72.6	134.4	1633	235.4	1.9	-1.8	841.8	87.0	26.9	18.9	9.9	9.9	-23.0
13:10:30	27 13.7	-84 37.9	-113.4	-72.6	134.6	1619	168.0	2.0	-1.9	846.8	87.0	26.7	18.5	12.6	12.6	-37.6
13:10:30	27 13.7	-84 37.9	-113.2	-72.6	134.5	1636	17.9	-5.3	-18.9	87.3	94.7	-0.0	-7.5	50.0	50.0	56.1
13:10:30	27 13.9	-84 37.7	306.3	334.0	1488	1633	26.5	-6.2	1.6	86.9	91.6	-0.6	228.6	98.2	6.8	129.3
13:11:00	27 12.4	-84 39.5	-108.9	-78.3	134.1	1633	232.6	1.7	-1.1	841.7	86.8	26.8	18.8	10.3	10.3	-23.2
13:11:00	27 12.5	-84 39.9	-109.2	-78.3	134.3	1621	165.2	1.9	-1.1	846.8	86.8	26.6	18.3	12.9	12.9	-37.5
13:11:00	27 12.5	-84 39.9	-109.0	-78.3	134.2	1638	17.7	-5.8	-19.1	87.2	94.6	-0.0	-7.5	50.0	50.0	58.0
13:11:00	27 12.6	-84 39.8	306.1	334.5	1488	1633	27.1	-5.7	1.7	86.7	91.5	-0.6	228.4	93.0	6.4	129.2

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
13:11:30	27 11.1	-84 41.4	-108.5	-79.1	134.3	1634	232.0	1.7	-0.7	841.6	87.4	26.5	18.5	11.4	11.4	-22.7
13:11:30	27 11.2	-84 41.9	-108.8	-79.1	134.5	1621	164.7	1.8	-0.7	846.7	87.4	26.3	18.0	14.1	14.1	-37.3
13:11:30	27 11.2	-84 41.9	-108.6	-79.1	134.3	1633	17.4	-6.2	-19.3	87.8	95.2	-0.0	-7.6	50.0	50.0	63.6
13:11:30	27 11.4	-84 41.7	305.8	336.2	1489	1633	27.1	-4.1	2.1	87.3	92.1	-0.6	229.1	94.7	6.4	129.5
13:12:00	27 9.8	-84 43.4	-108.8	-79.0	134.5	1633	232.1	1.8	-0.5	841.8	87.2	26.6	18.6	11.4	11.4	-23.3
13:12:00	27 9.9	-84 43.8	-109.1	-78.9	134.7	1620	164.7	1.9	-0.6	846.8	87.2	26.4	18.1	14.0	14.0	-37.3
13:12:00	27 10.0	-84 43.9	-108.8	-79.0	134.5	1637	17.5	-5.5	-19.1	87.5	95.0	-0.0	-7.5	50.0	50.0	63.5
13:12:00	27 10.2	-84 43.5	305.9	336.5	1488	1634	27.2	-6.4	1.5	87.1	91.9	-0.6	228.9	96.3	7.0	129.4
13:12:30	27 8.5	-84 45.4	-109.0	-78.7	134.4	1633	232.2	1.8	-0.7	841.8	87.2	26.7	18.7	10.8	10.8	-23.1
13:12:30	27 8.7	-84 45.8	-109.2	-78.7	134.6	1621	164.8	1.9	-0.8	846.8	87.2	26.5	18.2	13.5	13.5	-37.3
13:12:30	27 8.7	-84 45.9	-108.9	-78.7	134.4	1638	17.5	-5.8	-19.1	87.5	95.0	-0.0	-7.5	50.0	50.0	60.4
13:12:30	27 8.8	-84 45.7	306.0	335.3	1488	1633	27.1	-5.8	1.7	87.1	91.9	-0.6	228.9	96.3	6.9	129.5
13:13:00	27 7.2	-84 47.4	-109.2	-78.5	134.5	1634	232.0	1.8	-0.5	841.8	87.0	26.3	18.3	12.3	12.3	-23.2
13:13:00	27 7.4	-84 47.8	-109.4	-78.5	134.6	1619	164.6	2.0	-0.6	846.8	87.0	26.1	17.9	15.0	15.0	-37.5
13:13:00	27 7.4	-84 47.8	-109.1	-78.5	134.4	1634	17.3	-5.0	-18.9	87.4	94.7	-0.0	-7.5	50.0	50.0	68.4
13:13:00	27 7.4	-84 47.8	305.6	337.9	1488	1633	27.1	-4.5	2.1	86.9	91.6	-0.6	228.6	98.7	7.5	129.3
13:13:30	27 6.0	-84 49.4	-108.2	-79.6	134.3	1633	231.1	1.9	-1.7	841.8	87.6	26.4	18.4	12.4	12.4	-22.9
13:13:30	27 6.1	-84 49.8	-108.4	-79.6	134.5	1620	163.8	2.0	-1.8	846.8	87.5	26.2	18.0	15.2	15.2	-37.5
13:13:30	27 6.1	-84 49.8	-108.1	-79.6	134.2	1630	17.3	-6.8	-19.7	88.0	95.3	-0.0	-7.6	50.0	50.0	68.7
13:13:30	27 6.6	-84 49.0	305.7	338.4	1488	1633	27.1	-4.5	1.9	87.5	92.2	-0.6	229.3	103.4	7.5	129.7
13:14:00	27 4.7	-84 51.3	-106.5	-81.2	133.9	1634	230.0	1.7	-0.7	841.6	88.5	27.1	18.9	9.6	9.6	-23.3
13:14:00	27 4.8	-84 51.7	-106.6	-81.2	134.0	1622	162.6	1.8	-0.9	846.7	88.5	26.9	18.5	12.5	12.5	-37.5
13:14:00	27 4.8	-84 51.8	-106.3	-81.2	133.8	1631	17.9	-6.8	-19.3	88.8	96.3	-0.0	-7.6	50.0	50.0	54.7
13:14:00	27 5.2*	-84 51.2*	306.3	333.4	1489	1633	27.3	-5.7	1.6	88.4	93.3	-0.6	230.5	112.1	7.2	130.4
13:14:30	27 3.3	-84 53.3	-106.6	-81.1	133.9	1633	230.1	1.7	-0.6	841.7	88.3	26.8	18.7	10.5	10.5	-22.4
13:14:30	27 3.5	-84 53.7	-106.7	-81.1	134.0	1620	162.7	1.8	-0.7	846.8	88.3	26.6	18.2	13.1	13.1	-37.1
13:14:30	27 3.5	-84 53.7	-106.3	-81.1	133.8	1633	17.5	-6.7	-19.7	88.5	96.0	-0.0	-7.6	50.0	50.0	59.4
13:14:30	27 3.9	-84 53.0	306.0	334.8	1488	1632	27.0	-6.7	1.2	88.2	93.0	-0.6	230.2	110.9	7.5	130.2
13:15:00	27 2.0	-84 55.2	-106.9	-80.5	133.8	1633	230.1	1.7	-0.5	841.8	87.9	26.6	18.5	10.5	10.5	-22.9
13:15:00	27 2.2	-84 55.6	-107.0	-80.5	133.9	1619	162.7	1.9	-0.6	846.8	87.9	26.4	18.1	13.0	13.0	-36.9
13:15:00	27 2.2	-84 55.6	-106.6	-80.6	133.6	1629	17.4	-6.9	-19.9	88.1	95.6	-0.0	-7.6	50.0	50.0	59.8
13:15:00	27 2.7	-84 54.8	305.9	334.6	1488	1632	27.1	-6.7	1.2	87.8	92.5	-0.6	229.7	112.2	8.2	129.9
13:15:30	27 0.7	-84 57.2	-107.2	-80.3	133.9	1632	230.0	1.8	-0.3	841.8	87.5	26.6	18.5	10.5	10.5	-23.4
13:15:30	27 0.9	-84 57.6	-107.3	-80.3	134.0	1618	162.7	1.9	-0.4	846.8	87.5	26.3	18.1	13.6	13.6	-37.4
13:15:30	27 0.9	-84 57.6	-106.9	-80.3	133.7	1626	17.4	-6.3	-19.7	87.8	95.3	-0.0	-7.6	50.0	50.0	59.8
13:15:30	27 1.0	-84 57.4	305.8	334.5	1488	1631	27.0	-6.0	1.5	87.4	92.2	-0.6	229.2	111.3	8.7	129.6
13:16:00	26 59.4	-84 59.1	-107.6	-79.9	134.0	1632	230.0	1.9	-0.3	841.8	86.8	26.5	18.5	11.6	11.6	-22.6
13:16:00	26 59.6	-84 59.5	-107.6	-79.9	134.1	1619	162.6	1.9	-0.4	846.8	86.8	26.3	18.0	14.4	14.4	-36.9
13:16:00	26 59.6	-84 59.5	-107.2	-79.9	133.7	1627	17.1	-6.1	-19.4	87.2	94.6	-0.0	-7.5	50.0	50.0	64.5
13:16:00	26 59.8	-84 59.2	305.8	336.6	1488	1630	27.1	-5.5	1.6	86.7	91.5	-0.6	228.4	110.4	9.4	129.1

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
13:16:30	26 58.1	-85 1.1	-108.7	-78.3	133.9	1631	231.7	1.8	-0.7	841.9	86.1	26.6	18.7	9.8	9.8	-23.5
13:16:30	26 58.3	-85 1.5	-108.7	-78.3	134.0	1619	164.3	2.0	-0.8	846.8	86.1	26.4	18.2	12.6	12.6	-37.4
13:16:30	26 58.3	-85 1.4	-108.2	-78.3	133.6	1627	17.6	-5.3	-19.1	86.3	93.7	-0.0	-7.4	50.0	50.0	56.6
13:16:30	26 58.5	-85 1.0	306.0	333.6	1488	1629	27.1	-5.9	1.6	86.0	90.6	-0.6	227.4	101.2	8.0	128.6
13:17:00	26 56.8	-85 3.1	-108.0	-79.0	133.8	1631	231.8	2.0	-0.8	842.0	85.7	26.8	18.9	11.8	11.8	-23.2
13:17:00	26 57.0	-85 3.4	-108.0	-79.1	133.9	1617	164.5	2.2	-0.9	846.9	85.6	26.5

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
13:21:30	26 45.4	-85 20.9	-111.2	-77.5	135.5	1633	231.4	1.7	-0.4	841.7	87.8	27.1	19.0	13.1	13.1	-23.9
13:21:30	26 45.6	-85 21.2	-111.0	-77.7	135.5	1619	164.1	1.8	-0.5	846.8	87.8	26.8	18.5	14.9	14.9	-37.2
13:21:30	26 45.6	-85 21.1	-110.4	-77.6	134.9	1634	17.8	-7.3	-19.6	88.0	95.5	-0.0	-7.6	50.0	50.0	69.3
13:21:30	26 46.0	-85 20.4	306.3	340.5	1488	1627	27.4	-6.6	1.2	87.6	92.3	-0.6	229.6	110.8	10.5	130.0
13:22:00	26 44.1	-85 23.0	-111.4	-77.4	135.7	1631	231.7	1.7	-0.7	841.8	86.9	26.9	18.9	12.4	12.4	-23.6
13:22:00	26 44.3	-85 23.2	-111.2	-77.6	135.6	1618	164.3	1.8	-0.8	846.8	86.9	26.7	18.5	14.9	14.9	-37.4
13:22:00	26 44.3	-85 23.1	-110.6	-77.5	135.1	1634	17.8	-6.1	-19.4	87.3	94.6	-0.0	-7.5	50.0	50.0	66.2
13:22:00	26 44.6	-85 22.7	306.3	338.8	1488	1625	27.4	-5.2	1.8	86.8	91.6	-0.6	228.5	105.7	10.4	129.3
13:22:30	26 42.8	-85 25.0	-111.3	-77.7	135.7	1631	231.7	1.7	-0.7	841.7	87.5	26.8	18.8	12.4	12.4	-23.8
13:22:30	26 43.0	-85 25.3	-111.1	-77.9	135.7	1618	164.3	1.8	-0.8	846.7	87.5	26.6	18.3	15.0	15.0	-37.5
13:22:30	26 43.1	-85 25.1	-110.5	-77.8	135.1	1635	17.6	-7.1	-19.6	87.8	95.2	-0.0	-7.6	50.0	50.0	67.1
13:22:30	26 43.2	-85 25.0	306.1	338.8	1489	1626	27.3	-5.8	1.5	87.4	92.2	-0.6	229.2	106.3	10.1	129.7
13:23:00	26 41.6	-85 27.0	-111.9	-77.3	136.0	1632	231.5	1.6	-0.4	841.6	87.9	27.2	19.1	11.9	11.9	-23.8
13:23:00	26 41.8	-85 27.3	-111.7	-77.5	135.9	1618	164.1	1.8	-0.5	846.7	87.9	27.0	18.6	14.2	14.2	-37.2
13:23:00	26 41.8	-85 27.1	-111.1	-77.4	135.4	1634	17.9	-7.7	-19.8	88.3	95.7	-0.0	-7.6	50.0	50.0	63.4
13:23:00	26 41.8	-85 27.1	306.4	338.0	1489	1626	27.2	-5.2	1.6	87.8	92.7	-0.6	229.8	110.3	10.9	130.1
13:23:30	26 40.3	-85 29.0	-112.1	-77.1	136.1	1631	231.5	1.7	-0.5	841.7	88.4	27.1	19.0	11.9	11.9	-24.0
13:23:30	26 40.5	-85 29.3	-111.9	-77.4	136.0	1619	164.2	1.8	-0.6	846.8	88.4	26.9	18.6	14.4	14.4	-37.6
13:23:30	26 40.6	-85 29.1	-111.3	-77.2	135.5	1633	17.9	-7.5	-19.8	88.8	96.2	-0.0	-7.6	50.0	50.0	63.7
13:23:30	26 41.1	-85 28.3	306.4	337.9	1488	1625	27.2	-4.8	1.7	88.3	93.2	-0.6	230.3	111.6	10.9	130.4
13:24:00	26 39.1	-85 31.1	-112.1	-77.1	136.1	1631	231.6	1.6	-0.6	841.6	89.2	26.9	18.7	11.9	11.9	-23.9
13:24:00	26 39.3	-85 31.3	-111.9	-77.4	136.0	1619	164.2	1.7	-0.7	846.7	89.2	26.7	18.2	14.8	14.8	-37.5
13:24:00	26 39.3	-85 31.1	-111.3	-77.3	135.5	1635	17.6	-8.3	-20.3	89.6	97.0	-0.0	-7.7	50.0	50.0	65.0
13:24:00	26 40.1	-85 29.9*	306.0	337.5	1489	1625	27.2	-5.7	1.3	89.1	94.0	-0.6	231.4	114.0	10.6	130.9
13:24:30	26 37.8	-85 33.1	-112.0	-77.1	136.0	1630	231.7	1.6	-0.6	841.6	89.1	26.8	18.6	12.0	12.0	-23.4
13:24:30	26 38.0	-85 33.3	-111.8	-77.4	135.9	1617	164.3	1.8	-0.7	846.8	89.1	26.6	18.2	14.6	14.6	-37.4
13:24:30	26 38.1	-85 33.1	-111.2	-77.3	135.5	1632	17.4	-8.5	-20.7	89.4	96.9	-0.0	-7.7	50.0	50.0	65.9
13:24:30	26 38.2	-85 32.8	306.0	337.8	1488	1628	23.7	-5.8	1.3	88.9	93.9	-0.6	231.3	113.2	10.4	130.8
13:25:00	26 36.5	-85 35.1	-111.8	-76.8	135.6	1630	231.7	1.7	-0.7	841.7	88.4	26.8	18.7	12.3	12.3	-23.2
13:25:00	26 36.7	-85 35.3	-111.5	-77.0	135.5	1618	164.3	1.8	-0.8	846.8	88.4	26.6	18.2	14.9	14.9	-37.4
13:25:00	26 36.8	-85 35.1	-111.0	-77.0	135.1	1629	17.6	-7.0	-20.1	88.7	96.2	-0.0	-7.6	50.0	50.0	66.7
13:25:00	26 37.1	-85 34.7	306.0	338.4	1488	1629	26.8	-6.8	1.2	88.3	93.2	-0.6	230.4	113.8	10.7	130.4
13:25:30	26 35.3	-85 37.2	-110.8	-75.3	134.0	1628	231.7	2.0	-0.8	842.0	86.3	26.9	19.0	12.0	12.0	-24.0
13:25:30	26 35.5	-85 37.4	-110.5	-75.6	133.9	1614	164.4	2.1	-0.9	846.9	86.3	26.7	18.5	14.5	14.5	-37.5
13:25:30	26 35.6	-85 37.1	-110.1	-75.5	133.5	1623	17.8	-4.9	-19.1	86.5	94.0	-0.0	-7.5	50.0	50.0	64.6
13:25:30	26 35.9	-85 36.6	306.3	338.2	1487	1626	27.1	-7.2	1.2	86.2	90.9	-0.6	227.7	115.9	11.0	128.9
13:26:00	26 34.1	-85 39.2	-109.7	-74.6	132.7	1626	231.7	1.9	-0.5	842.2	83.3	26.5	18.8	12.3	12.3	-24.0
13:26:00	26 34.3	-85 39.3	-109.4	-74.9	132.6	1615	164.3	2.0	-0.6	846.8	83.3	26.3	18.4	14.8	14.8	-37.5
13:26:00	26 34.3	-85 39.1	-109.0	-74.8	132.2	1621	17.7	-2.8	-18.1	83.5	90.7	-0.0	-7.2	50.0	50.0	66.2
13:26:00	26 34.8	-85 38.4	306.1	338.4	1488	1626	26.9	-5.4	1.8	83.2	87.6	-0.6	223.8	110.9	11.3	126.6

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
13:26:30	26 32.9	-85 41.1	-109.0	-74.5	132.1	1625	231.8	2.1	-0.7	842.4	81.7	26.2	18.7	12.0	12.0	-23.7
13:26:30	26 33.1	-85 41.3	-108.7	-74.8	132.0	1613	164.4	2.2	-0.8	847.0	81.7	26.0	18.3	14.6	14.6	-37.1
13:26:30	26 33.1	-85 41.1	-108.3	-74.8	131.6	1618	17.6	-1.5	-17.3	81.9	89.1	-0.0	-7.1	50.0	50.0	65.4
13:26:30	26 33.4	-85 40.7	306.0	337.7	1487	1624	27.0	-6.3	1.4	81.7	85.9	-0.6	221.7	107.3	11.3	125.4
13:27:00	26 31.7	-85 43.1	-110.6	-71.3	131.6	1629	233.9*	2.1	15.9*	841.8	81.1	26.1	18.6	13.0	13.0	-23.7
13:27:00	26 31.9	-85 43.3	-110.3	-71.6	131.5	1616	166.5*	2.2	15.8*	846.8	81.1	25.9	18.2	15.5	15.5	-37.4
13:27:00	26 31.9	-85 43.0	-109.0	-72.7	131.0	1620	17.7	1.0	-16.1	81.5	88.6	-0.0	-7.0	50.0	50.0	70.7
13:27:00	26 32.5*	-85 42.1*	305.9	339.9	1488	1623	26.8	-3.7	1.9	81.1	85.8	-0.6	221.0	105.6	10.2	125.0
13:27:30	26 31.2	-85 45.4	-133.4	-10.0	133.8	1622	263.5	2.4	1.3	842.6	79.6	26.4	19.1	11.3	11.3	-23.8
13:27:30	26 31.4	-85 45.6	-133.2	-10.3	133.6	1614	196.2	2.5	1.2	847.1	79.6	26.2	18.6	14.2	14.2	-37.4
13:27:30	26 31.5	-85 45.3	-132.7	-10.3	133.1	1618	18.0	0.4	-15.8	79.9	86.9	-0.0	-6.9	50.0	50.0	60.9
13:27:30	26 31.5	-85 44.5	306.4	336.7	1485	1620	26.9	-4.6	1.7	79.6	83.8	-0.6	218.9	111.6	11.2	123.9
13:28:00	26 31.1	-85 47.9	-133.1	-6.6	133.2	1625	264.9	2.3	-0.4	842.5	78.5	26.3	19.0	12.2	12.2	-23.7
13:28:00	26 31.3	-85 48.0	-132.8	-6.9	133.0	1615	197.6	2.4	-0.5	846.9	78.5	26.0	18.6	14.6	14.6	-37.3
13:28:00	26 31.3	-85 47.7	-132.4	-6.8	132.6	1621	17.9	1.6	-15.3	78.7	85.7	-0.0	-6.8	50.0	50.0	65.0
13:28:00	26 31.3	-85 47.7	306.3	338.4	1487	1625	27.0	-5.6	1.2	78.5	82.6	-0.6	217.4	113.4	11.5	123.1
13:28:30	26 31.0	-85 50.3	-132.9	-6.2	133.1	1625	265.0	2.4	-0.5	842.6	77.6	26.1	18.9	12.0	12.0	-23.4
13:28:30	26 31.2	-85 50.4	-132.7	-6.6	132.8	1616	197.7	2.5	-0.6	846.9	77.6	25.9	18.5	14.7	14.7	-36.5
13:28:30	26 31.2	-85 50.1	-132.3	-6.5	132.4	1623	17.8	2.3	-14.9	78.0	84.9	-0.0	-6.8	50.0	50.0	64.7
13:28:30	26 31.2	-85 49.9	306.3	338.2	1487	1625	27.0	-5.6	1.0	77.7	81.7	-0.6	216.3	112.7	11.9	122.4
13:29:00	26 30.9	-85 52.7	-133.3	-5.4	133.4	1624	265.0	2.4	-0.4	842.6	78.4	26.0	18.7	12.5	12.5	-37.4
13:29:00	26 31.1	-85 52.8	-133.0	-5.8	133.2	1615	197.7	2.5	-0.5	847.0	78.4	25.7	18.3	15.1	15.1	-37.0
13:29:00	26 31.1	-85 52.5	-132.7	-5.7	132.8	1621	17.5	2.3	-14.7	78.7	85.7	-0.0	-6.8	50.0	50.0	67.7
13:29:00	26 31.1	-85 52.0	306.0	338.8	1486	1625	26.7	-5.7	1.1	78.4	82.5	-0.6	217.3	117.5	12.3	123.0
13:29:30	26 30.8	-85 55.1	-133.8	-6.2	133.9	1625	265.1	2.4	-0.9	842.5	79.3	26.0	18.7	12.3	12.3	28.0
13:29:30	26 31.0	-85 55.2	-133.5	-6.6	133.7	1615	197.7	2.5	-1.0	847.0	79.3	25.7	18.2	15.1	15.1	-37.4
13:29:30	26 31.0	-85 54.9	-133.2	-6.5	133.3	1623	17.4	1.4	-14.9	79.6	86.6	-0.0	-6.9	50.0	50.0	67.1
13:29:30	26 31.1	-85 54.2	306.0	338.3	1486	1626	26.6	-5.4	1.3	79.3	83.2	-0.6	218.5	113.2	11.6	123.6
13:30:00	26 30.7	-85 57.5	-133.9	-6.0	134.0	1625	265.1	2.3	-0.4	842.4	80.4	26.1	18.7	12.2	12.2	23.6
13:30:00	26 30.9	-85 57.6	-133.6	-6.4	133.8	1615	197.8	2.4	-0.5	846.9	80.4	25.8	18.2	15.0	15.0	-37.2
13:30:00	26 30.9	-85 57.3	-133.3	-6.3	133.4	1620	17.7	-0.0	-15.5	80.6	87.7	-0.0	-7.0	50.0	50.0	66.4
13:30:00	26 31.0	-85 56.5*	306.0	338.1	1487	1625	26.7	-6.7	1.2	80.4	84.5	-0.6	220.0	116.7	11.1	124.5
13:30:30	26 30.6	-85 59.9	-133.8	-6.1	133.9	1626	265.0	2.4	-0.6	842.4	79.7	25.9	18.5	12.6	12.6	19.7
13:30:30	26 30.8	-86 0.0	-133.5	-6.6	133.7	1615	197.7	2.5	-0.7	846.9	79.7	25.6	18.0	15.2	15.2	19.8
13:30:30	26 30.8	-85 59.7	-133.2	-6.5	133.4	1620	17.3	0.4	-15.6	80.0	87.1	-0.0	-6.9	50.0	50.0	69.2
13:30:30	26 30.8	-85 59.7	305.8	338.9	1487	1623	26.8	-5.7	1.4	79.7	83.8	-0.6	219.1	115.0	11.4	123.9
13:31:00	26 30.5	-86 2.4	-134.2	-5.9	134.3	1623	265.0	2.2	-0.6	842.4	79.9	26.1	18.7	12.4	12.4	16.7
13:31:00	26 30.7	-86 2.4	-134.0	-6.3	134.1	1615	197.7	2.4	-0.6	846.9	79.9	25.8	18.2	14.8	14.8	16.8
13:31:00	26 30.7	-86 2.1	-133.7	-6.3	133.8	1623	17.7	-0.1	-15.7	80.1	87.2	-0.0	-6.9	50.0	50.0	67.3
13:31:00	26 30.8	-86 1.1*	306.0	338.5	1487	1624	26.8	-6.0	1.3	79.9	84.1	-0.6	219.3	116.6	11.9	124.1

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
13:31:30	26 30.4	-86 4.8	-134.8	-5.5	134.9	1624	265.3	2.2	-0.8	842.5	80.1	26.3	18.9	12.1	12.1	15.5
13:31:30	26 30.6	-86 4.9	-134.5	-5.9	134.7	1613	198.0	2.4	-0.9	847.0	80.1	26.0	18.4	14.6	14.6	15.5
13:31:30	26 30.6	-86 4.5	-134.3	-5.9	134.4	1623	17.6	-0.1	-15.6	80.4	87.4	-0.0	-7.0	50.0	50.0	65.4
13:31:30	26 30.6	-86 3.9*	306.2	338.2	1487	1624	26.7	-5.8	1.4	80.1	84.2	-0.6	219.6	113.9	12.0	124.3
13:32:00	26 30.3	-86 7.2	-134.6	-5.6	134.7	1626	265.1	2.2	-0.5	842.2	80.9	26.3	18.8	12.0	12.0	14.0
13:32:00	26 30.5	-86 7.3	-134.4	-6.1	134.5	1616	197.7	2.3	-0.6	846.8	80.9	26.0	18.4	14.5	14.5	-37.3
13:32:00	26 30.5	-86 6.9	-134.1	-6.1	134.3	1623	17.8	-0.8	-15.8	81.1	88.2	-0.0	-7.0	50.0	50.0	65.0
13:32:00	26 30.5	-86 6.9	306.2	337.9	1488	1627	26.8	-6.0	1.4	80.8	85.0	-0.6	220.6	117.4	11.6	124.8
13:32:30	26 30.2	-86 9.7	-135.0	-5.7	135.1	1623	265.1	2.3	-0.5	842.4	80.9	25.9	18.5	12.7	12.7	12.7
13:32:30	26 30.4	-86 9.7	-134.7	-6.1	134.9	1614	197.8	2.5	-0.6	847.0	80.9	25.7	18.0	15.3	15.3	-37.6
13:32:30	26 30.4	-86 9.3	-134.5	-6.1	134.7	1620	17.3	-0.3	-15.7	81.2	88.3	-0.0	-7.0	50.0	50.0	69.9
13:32:30	26 30.4	-86 9.3	305.8	339.0	1486	1622	26.8	-5.5	1.5	80.9	85.1	-0.6	220.6	115.5	11.9	124.8
13:33:00	26 30.1	-86 12.1	-135.4	-5.3	135.5	1626	265.2	2.0	-0.7	842.1	82.6	26.3	18.7	12.1	12.1	11.6
13:33:00	26 30.3	-86 12.2	-135.1	-5.8	135.2	1616	197.9	2.1	-0.7	846.8	82.6	26.1	18.3	14.8	14.8	28.9
13:33:00	26 30.3	-86 11.8	-135.0	-5.8	135.1	1623	17.7	-3.2	-17.0	82.9	90.0	-0.0	-7.2	50.0	50.0	65.9
13:33:00	26 30.3	-86 11.1*	306.0	338.0	1488	1625	26.9	-4.9	1.8	82.6	87.0	-0.6	222.9	118.8	11.1	126.1
13:33:30	26 30.1	-86 14.6	-135.4	-5.0	135.5	1625	265.3	2.1	-0.7	842.3	81.7	26.6	19.1	11.7	11.7	10.4
13:33:30	26 30.2	-86 14.6	-135.2	-5.5	135.3	1614	198.0	2.2	-0.7	846.9	81.7	26.4	18.6	14.4	14.4	26.5
13:33:30	26 30.2	-86 14.2	-135.0	-5.5	135.1	1622	18.0	-2.1	-16.8	82.0	89.1	-0.0	-7.1	50.0	50.0	62.9
13:33:30	26 30.2	-86 13.9	306.4	337.7	1487	1623	27.0	-5.1	1.8	81.7	86.0	-0.6	221.7	117.6	11.7	125.5
13:34:00	26 30.0	-86 17.0	-135.4	-4.6	135.5	1624	265.2	2.1	-0.4	842.3	81.9	26.7	19.1	11.3	11.3	9.9
13:34:00	26 30.1	-86 17.0	-135.2	-5.0	135.3	1616	197.8	2.2	-0.5	846.9	81.9	26.4	18.6	14.0	14.0	22.9
13:34:00	26 30.1	-86 16.6	-135.1	-5.1	135.2	1622	18.1	-2.0	-16.5	82.1	89.3	-0.0	-7.1	50.0	50.0	61.1
13:34:00	26 30.2	-86 16.0	306.4	336.9	1487	1623	27.1	-6.9	1.2	81.9	86.2	-0.6	222.0	122.1	12.1	125.7
13:34:30	26 29.9	-86 19.5	-135.2	-5.2	135.3	1626	265.3	2.0	-0.7	842.1	81.7	26.3	18.8	11.8	11.8	9.0
13:34:30	26 30.0	-86 19.5	-135.0	-5.7	135.1	1618	197.9	2.2	-0.8	846.8	81.7	26.1	18.3	14.5	14.5	19.9
13:34:30	26 30.1	-86 19.1	-134.9	-5.7	135.0	1625	17.8	-2.5	-16.9	81.9	89.0	-0.0	-7.1	50.0	50.0	64.3
13:34:30	26 30.1	-86 19.1	306.1	337.5	1488	1625	27.1	-5.9	1.5	81.6	86.0	-0.6	221.7	117.7	11.5	125.5
13:35:00	26 29.8	-86 21.9	-134.4	-5.2	134.5	1625	265.1	2.0	-0.4	842.2	81.6	26.3	18.7	12.4	12.4	8.4
13:35:00	26 29.9	-86 21.9	-134.2	-5.7	134.3	1616	197.8	2.2	-0.5	846.8	81.6	26.0	18.3	14.9	14.9	16.8
13:35:00	26 30.0	-86 21.5	-134.2	-5.7	134.3	1625	17.7	-1.7	-16.6	81.8	88.9	-0.0	-7.1	50.0	50.0	67.3
13:35:00	26 30.0	-86 20.5	306.1	338.7	1488	1624	27.1	-5.4	1.7	81.5	85.8	-0.6	221.5	120.3	11.1	125.4
13:35:30	26 29.7	-86 24.4	-133.2	-4.8	133.3	1624	265.2	2.2	-0.5	842.4	80.6	26.6	19.1	11.7	11.7	8.0
13:35:30	26 29.8	-86 24.3	-133.0	-5.3	133.1	1615	197.8	2.3	-0.6	846.9	80.6	26.3	18.7	14.1	14.1	16.0
13:35:30	26 29.9	-86 23.9	-133.0	-5.4	133.1	1623	17.9	-0.1	-15.7	80.7	87.9	-0.0	-7.0	50.0	50.0	62.4
13:35:30	26 29.9	-86 23.8	306.4	337.5	1487	1623	27.2	-8.0	0.7	80.6	84.7	-0.6	220.2	124.8	11.0	124.7
13:36:00	26 29.7	-86 26.8	-131.4	-4.4	131.5	1621	265.3	2.5	-0.9	842.7	77.7	26.1	18.9	12.3	12.3	5.3
13:36:00	26 29.7	-86 26.7	-131.2	-4.8	131.3	1613	197.9	2.6	-1.0	847.1	77.7	25.9	18.5	14.6	14.6	14.7
13:36:00	26 29.8	-86 26.3	-131.3	-4.9	131.4	1621	17.6	2.3	-14.8	78.0	84.9	-0.0	-6.8	50.0	50.0	65.7
13:36:00	26 29.8	-86 26.3	306.2	338.6	1486	1621	27.1	-5.3	1.1	77.7	81.7	-0.6	216.4	122.1	11.1	122.5

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
13:36:30	26 29.6	-86 29.1	-129.2	-5.0	129.3	1622	265.2	2.5	-0.5	842.8	74.3	25.5	18.6	12.6	12.6	27.3
13:36:30	26 29.7	-86 29.0	-129.0	-5.4	129.1	1613	197.9	2.7	-0.6	846.9	74.3	25.2	18.2	15.1	15.1	13.4
13:36:30	26 29.7	-86 28.7	-129.0	-5.5	129.2	1620	17.6	4.5	-13.5	74.6	81.3	-0.0	-6.5	50.0	50.0	68.7
13:36:30	26 29.7	-86 28.7	305.9	339.0	1487	1622	27.1	-4.7	0.9	74.3	78.1	-0.6	211.6	117.5	11.2	119.8
13:37:00	26 29.5	-86 31.4	-127.9	-5.0	128.0	1621	265.1	2.7	-0.6	842.9	72.8	25.6	18.8	12.1	12.1	-23.6
13:37:00	26 29.6	-86 31.4	-127.7	-5.5	127.9	1612	197.9	2.9	-0.6	847.0	72.8	25.3

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
13:41:30	26 29.0	-86 52.3	-127.5	-2.8	127.5	1621	265.0	2.7	-0.4	842.8	74.4	26.2	19.3	11.3	11.3	-3.6
13:41:30	26 29.0	-86 52.2	-127.5	-3.2	127.5	1611	197.6	2.8	-0.5	847.1	74.4	26.0	18.9	13.9	13.9	20.9
13:41:30	26 29.0	-86 51.8	-127.8	-3.4	127.8	1620	18.1	4.3	-13.3	74.8	81.6	-0.0	-6.5	50.0	50.0	60.0
13:41:30	26 29.0	-86 51.2*	306.6	336.9	1485	1624	27.2	-4.7	0.9	74.5	78.3	-0.6	211.9	134.7	11.3	120.0
13:42:00	26 29.0	-86 54.6	-126.8	-2.9	126.8	1623	265.0	2.7	-0.4	842.7	73.3	26.0	19.2	11.5	11.5	-23.1
13:42:00	26 28.9	-86 54.5	-126.8	-3.3	126.9	1612	197.6	2.8	-0.5	846.9	73.3	25.7	18.8	14.1	14.1	19.0
13:42:00	26 29.0	-86 54.1	-127.1	-3.5	127.2	1622	18.1	5.2	-12.8	73.7	80.4	-0.0	-6.4	50.0	50.0	61.2
13:42:00	26 29.0	-86 53.2	306.5	337.2	1487	1623	27.3	-4.8	0.6	73.4	77.1	-0.6	210.4	133.4	11.3	119.1
13:42:30	26 28.9	-86 56.9	-127.2	-2.3	127.2	1623	265.0	2.6	-0.3	842.6	73.8	26.1	19.2	10.1	10.1	-23.4
13:42:30	26 28.9	-86 56.8	-127.2	-2.7	127.2	1612	197.6	2.7	-0.4	846.9	73.8	25.8	18.8	12.7	12.7	17.5
13:42:30	26 28.9	-86 56.4	-127.5	-2.9	127.6	1620	18.1	5.3	-12.6	74.2	80.9	-0.0	-6.4	50.0	50.0	55.6
13:42:30	26 28.9	-86 56.2	306.6	334.6	1487	1625	27.4	-4.4	0.7	73.8	77.6	-0.6	210.9	135.1	11.7	119.4
13:43:00	26 28.9	-86 59.3	-127.6	-2.3	127.6	1625	265.1	2.3	-0.5	842.5	74.6	25.9	19.0	10.5	10.5	-37.3
13:43:00	26 28.9	-86 59.1	-127.6	-2.7	127.6	1614	197.8	2.5	-0.5	846.8	74.6	25.6	18.5	12.9	12.9	16.1
13:43:00	26 28.9	-86 58.7	-128.0	-2.9	128.0	1622	17.9	3.9	-13.1	74.9	81.7	-0.0	-6.5	50.0	50.0	58.1
13:43:00	26 28.9	-86 58.4	306.3	335.0	1488	1626	26.7	-6.0	0.5	74.6	78.5	-0.6	212.1	136.0	11.5	120.1
13:43:30	26 28.8	-87 1.6	-128.1	-2.6	128.1	1623	265.1	2.5	-0.8	842.6	75.3	26.1	19.1	10.5	10.5	27.9
13:43:30	26 28.8	-87 1.4	-128.2	-3.0	128.2	1613	197.8	2.5	-0.8	847.0	75.3	25.8	18.6	13.1	13.1	14.3
13:43:30	26 28.8	-87 1.0	-128.6	-3.1	128.6	1619	18.0	3.3	-13.3	75.6	82.4	-0.0	-6.6	50.0	50.0	57.9
13:43:30	26 28.8	-87 1.0	306.4	335.3	1487	1625	27.5	-5.1	0.9	75.3	79.1	-0.6	213.0	134.4	11.2	120.6
13:44:00	26 28.8	-87 3.9	-128.3	-2.7	128.4	1623	265.0	2.4	-0.6	842.6	75.8	26.0	19.0	10.8	10.8	25.9
13:44:00	26 28.8	-87 3.7	-128.5	-3.0	128.5	1613	197.7	2.5	-0.7	846.9	75.8	25.8	18.5	13.3	13.3	-37.5
13:44:00	26 28.8	-87 3.3	-128.9	-3.2	128.9	1621	17.9	2.3	-13.5	76.1	82.9	-0.0	-6.6	50.0	50.0	59.3
13:44:00	26 28.8	-87 3.2	306.3	335.7	1487	1622	27.4	-5.2	1.0	75.8	79.7	-0.6	213.7	135.4	11.2	121.0
13:44:30	26 28.8	-87 6.2	-128.2	-2.1	128.2	1624	265.2	2.4	-0.3	842.6	76.4	25.8	18.8	10.4	10.4	24.2
13:44:30	26 28.7	-87 6.0	-128.3	-2.4	128.4	1612	197.8	2.5	-0.5	846.9	76.4	25.6	18.3	13.0	13.0	-37.5
13:44:30	26 28.7	-87 5.7	-128.8	-2.7	128.8	1617	17.8	2.4	-13.9	76.7	83.6	-0.0	-6.7	50.0	50.0	58.7
13:44:30	26 28.7	-87 5.6	306.1	334.7	1487	1622	27.5	-5.8	0.9	76.4	80.4	-0.6	214.6	139.3	11.2	121.4
13:45:00	26 28.7	-87 8.5	-128.2	-2.1	128.2	1623	265.1	2.4	-0.6	842.6	75.6	25.9	18.9	10.5	10.5	21.6
13:45:00	26 28.7	-87 8.3	-128.3	-2.4	128.3	1614	197.8	2.5	-0.7	847.0	75.6	25.6	18.4	13.1	13.1	-37.5
13:45:00	26 28.7	-87 8.0	-128.8	-2.6	128.8	1617	17.7	3.1	-13.6	75.8	82.7	-0.0	-6.6	50.0	50.0	58.7
13:45:00	26 28.7	-87 8.0	306.2	335.1	1486	1621	27.4	-7.0	0.4	75.6	79.4	-0.6	213.4	137.9	11.8	120.8
13:45:30	26 28.7	-87 10.9	-128.0	-1.7	128.0	1623	265.3	2.4	-0.8	842.6	76.1	26.1	19.1	10.6	10.6	18.7
13:45:30	26 28.6	-87 10.6	-128.2	-2.1	128.2	1612	197.9	2.5	-0.9	847.0	76.1	25.9	18.6	13.1	13.1	-37.5
13:45:30	26 28.6	-87 10.3	-128.7	-2.2	128.7	1616	18.0	3.1	-13.5	76.3	83.2	-0.0	-6.6	50.0	50.0	58.1
13:45:30	26 28.7	-87 9.7*	306.4	335.4	1486	1616	27.4	-5.9	0.7	76.1	80.0	-0.6	214.1	139.8	11.2	121.2
13:46:00	26 28.7	-87 13.2	-127.2	-1.7	127.2	1621	265.4	2.6	-0.7	842.8	75.6	26.5	19.5	9.3	9.3	16.5
13:46:00	26 28.6	-87 12.9	-127.4	-2.0	127.5	1611	198.0	2.7	-0.8	847.1	75.6	26.2	19.0	12.4	12.4	-37.4
13:46:00	26 28.6	-87 12.6	-127.9	-2.2	128.0	1617	18.3	3.3	-13.4	75.8	82.7	-0.0	-6.6	50.0	50.0	52.1
13:46:00	26 28.6	-87 12.6	306.8	333.6	1485	1615	27.1	-6.6	0.5	75.6	79.5	-0.6	213.5	141.6	10.9	120.9

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
13:46:30	26 28.6	-87 15.5	-126.3	-2.0	126.3	1623	265.1	2.5	-0.6	842.6	74.7	26.3	19.4	10.6	10.6	-33.9
13:46:30	26 28.6	-87 15.2	-126.5	-2.3	126.5	1613	197.8	2.6	-0.7	847.0	74.7	26.1	19.0	13.2	13.2	-37.6
13:46:30	26 28.6	-87 14.9	-127.0	-2.4	127.1	1619	18.3	4.2	-13.1	75.0	81.7	-0.0	-6.5	50.0	50.0	57.0
13:46:30	26 28.6	-87 14.9	306.8	335.8	1487	1616	24.7	-5.5	0.7	74.7	78.6	-0.6	212.3	142.5	10.8	120.2
13:47:00	26 28.6	-87 17.7	-125.9	-2.3	126.0	1622	265.1	2.5	-0.5	842.8	73.6	26.4	19.5	10.3	10.3	-37.3
13:47:00	26 28.5	-87 17.5	-126.2	-2.6	126.2	1611	197.9	2.7	-0.6	847.0	73.6	26.1	19.1	12.9	12.9	29.0
13:47:00	26 28.5	-87 17.2	-126.7	-2.8	126.8	1619	18.4	4.5	-13.1	73.9	80.6	-0.0	-6.4	50.0	50.0	55.4
13:47:00	26 28.5	-87 17.2	306.9	335.3	1486	1616	27.3	-5.9	0.4	73.6	77.4	-0.6	210.7	139.2	10.8	119.4
13:47:30	26 28.6	-87 20.0	-126.0	-1.8	126.0	1623	265.1	2.4	-0.4	842.6	74.5	26.2	19.3	9.6	9.6	12.7
13:47:30	26 28.5	-87 19.8	-126.3	-2.1	126.3	1613	197.8	2.5	-0.5	846.9	74.5	25.9	18.8	12.1	12.1	27.7
13:47:30	26 28.5	-87 19.5	-126.8	-2.3	126.9	1619	18.3	4.1	-13.1	74.8	81.6	-0.0	-6.5	50.0	50.0	53.9
13:47:30	26 28.5	-87 19.3	306.6	333.9	1487	1617	19.9	-6.2	0.5	74.6	78.4	-0.6	212.0	143.9	10.9	120.0
13:48:00	26 28.5	-87 22.3	-126.0	-1.6	126.0	1622	265.1	2.6	-0.6	842.8	73.6	26.4	19.5	10.5	10.5	11.6
13:48:00	26 28.5	-87 22.1	-126.3	-1.8	126.4	1611	197.8	2.7	-0.7	847.0	73.6	26.1	19.1	13.1	13.1	25.8
13:48:00	26 28.5	-87 21.8	-126.9	-2.0	126.9	1617	18.4	4.9	-12.8	73.9	80.6	-0.0	-6.4	50.0	50.0	56.3
13:48:00	26 28.5	-87 21.8	306.9	335.8	1486	1615	27.4	-5.4	0.5	73.6	77.4	-0.6	210.7	141.0	11.3	119.4
13:48:30	26 28.5	-87 24.6	-125.7	-2.1	125.7	1620	265.2	2.6	-0.5	842.9	73.2	26.4	19.5	9.2	9.2	10.4
13:48:30	26 28.4	-87 24.4	-126.0	-2.3	126.0	1609	197.8	2.8	-0.6	847.1	73.2	26.1	19.1	11.7	11.7	23.9
13:48:30	26 28.4	-87 24.1	-126.6	-2.5	126.6	1616	18.5	5.3	-12.6	73.6	80.2	-0.0	-6.4	50.0	50.0	51.3
13:48:30	26 28.4	-87 24.1	306.9	333.4	1485	1614	27.0	-5.1	0.4	73.2	77.0	-0.6	210.2	138.9	10.8	119.0
13:49:00	26 28.5	-87 26.9	-125.2	-2.1	125.2	1620	265.2	2.7	-0.8	842.9	73.2	26.3	19.5	8.8	8.8	8.2
13:49:00	26 28.4	-87 26.6	-125.6	-2.4	125.6	1610	197.9	2.9	-0.9	847.1	73.2	26.0	19.0	11.4	11.4	20.9
13:49:00	26 28.4	-87 26.3	-126.2	-2.5	126.2	1610	18.4	5.3	-12.6	73.5	80.2	-0.0	-6.4	50.0	50.0	50.4
13:49:00	26 28.4	-87 25.9	306.8	332.7	1485	1613	21.7	-5.7	0.3	73.2	77.0	-0.6	210.2	140.7	10.5	119.0
13:49:30	26 28.4	-87 29.1	-124.7	-2.8	124.8	1622	265.1	2.7	-0.8	842.8	72.5	26.0	19.2	9.5	9.5	7.9
13:49:30	26 28.4	-87 28.9	-125.1	-3.0	125.2	1611	197.8	2.8	-0.8	847.0	72.5	25.7	18.8	12.2	12.2	18.4
13:49:30	26 28.3	-87 28.6	-125.7	-3.1	125.8	1610	18.2	5.6	-12.4	72.8	79.4	-0.0	-6.3	50.0	50.0	53.5
13:49:30	26 28.3	-87 28.0	306.6	333.6	1486	1623	27.3	-5.6	0.1	72.5	76.2	-0.6	209.1	138.0	10.2	118.4
13:50:00	26 28.4	-87 31.4	-124.8	-3.0	124.8	1621	265.2	2.7	-0.5	842.8	72.3	26.0	19.3	9.5	9.5	-37.3
13:50:00	26 28.3	-87 31.1	-125.2	-3.2	125.2	1611	197.8	2.8	-0.6	847.0	72.3	25.7	18.8	12.1	12.1	16.3
13:50:00	26 28.3	-87 30.9	-125.8	-3.4	125.9	1608	18.2	5.8	-12.4	72.6	79.2	-0.0	-6.3	50.0	50.0	53.3
13:50:00	26 28.3	-87 30.9	306.6	333.6	1486	1623	27.0	-5.8	0.0	72.3	76.0	-0.6	208.9	136.0	10.1	118.2
13:50:30	26 28.4	-87 33.6	-124.9	0.8	124.9	1624	267.5*	1.7	1.7	842.0	76.9	25.0	17.9	10.1	10.1	28.1
13:50:30	26 28.3	-87 33.4	-125.3	0.6	125.3	1615	200.2*	1.8	1.5	846.7	76.9	24.8	17.5	13.0	13.0	14.9
13:50:30	26 28.2	-87 33.0	-125.8	-0.5	125.8	1610	17.2	-4.4	-17.0	78.2	84.5	-0.0	-6.7	50.0	50.0	60.5
00:00:00	26 28.2	-87 32.5	305.2	333.2	1489	1623	19.0	6.9	3.0	76.8	81.3	-0.4	215.3	140.8	5.3	121.6
13:51:00	26 28.4	-87 35.9	-124.6	6.9	124.8	1623	270.4	2.6	0.6	842.6	72.7	25.8	19.0	8.6	8.6	27.3
13:51:00	26 28.3	-87 35.7	-125.1	6.7	125.2	1612	203.1	2.7	0.5	846.8	72.7	25.5	18.6	11.6	11.6	13.7
13:51:00	26 28.3	-87 35.4	-125.7	6.5	125.8	1614	17.9	5.5	-13.0	73.1	80.0	-0.0	-6.3	50.0	50.0	51.1
13:51:00	26 28.3	-87 34.7	306.4	331.9	1488	1622	27.2	-4.6	1.4	72.8	76.6	-0.5	209.5	136.1	8.7	118.6

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
13:51:30	26 28.6	-87 38.2	-125.1	11.6	125.6	1620	272.3	2.7	0.8	842.8	73.2	25.9	19.1	9.1	9.1	25.4
13:51:30	26 28.5	-87 37.9	-125.6	11.5	126.1	1611	205.0	2.8	0.7	847.0	73.2	25.7	18.7	11.4	11.4	-37.5
13:51:30	26 28.4	-87 37.7	-126.3	11.3	126.8	1611	18.1	5.2	-13.0	73.4	80.4	-0.0	-6.4	50.0	50.0	52.4
13:51:30	26 28.4	-87 36.8	306.4	332.7	1486	1615	27.3	-6.1	0.9	73.2	77.0	-0.5	210.1	139.0	9.6	118.9
13:52:00	26 28.8	-87 40.4	-125.0	16.2	126.1	1622	274.8	2.5	-0.4	842.6	72.7	26.2	19.4	8.5	8.5	23.7
13:52:00	26 28.7	-87 40.2	-125.6	16.1	126.6	1612	207.5	2.6	-0.6	846.9	72.7	25.9	19.0	10.5	10.5	-37.6
13:52:00	26 28.6	-87 40.0	-126.2	16.0	127.2	1611	18.3	5.2	-13.1	73.0	80.0	-0.0	-6.3	50.0	50.0	49.2
13:52:00	26 28.6	-87 39.8	306.8	332.0	1487	1616	27.3	-5.8	0.7	72.7	76.5	-0.5	209.5	133.7	9.4	118.6
13:52:30	26 29.1	-87 42.7	-125.4	16.9	126.5	1624	274.8	2.4	-0.5	842.6	74.2	25.6	18.7	13.4	13.4	21.8
13:52:30	26 29.0	-87 42.5	-126.0	16.8	127.1	1613	207.5	2.6	-0.6	846.8	74.2	25.3	18.2	15.0	15.0	-37.6
13:52:30	26 28.9	-87 42.2	-126.6	16.6	127.7	1612	17.7	4.0	-12.8	74.5	81.5	-0.0	-6.5	50.0	50.0	71.8
13:52:30	26 28.9	-87 42.2	306.0	340.8	1488	1617	26.9	-4.5	1.1	74.2	77.9	-0.5	211.6	138.5	9.2	119.8
13:53:00	26 29.3	-87 45.0	-125.4	17.6	126.6	1618	275.1	2.8	-0.8	843.1	73.1	26.1	19.3	8.4	8.4	19.2
13:53:00	26 29.2	-87 44.7	-125.9	17.5	127.2	1607	207.8	3.0	-0.9	847.3	73.1	25.9	18.9	11.2	11.2	-37.5
13:53:00	26 29.2	-87 44.5	-126.6	17.4	127.8	1608	18.0	6.5	-12.1	73.4	80.5	-0.0	-6.4	50.0	50.0	49.2
13:53:00	26 29.2	-87 44.4	306.7	331.8	1483	1611	27.2	-5.6	0.3	73.2	77.0	-0.5	210.1	136.7	10.1	118.9
13:53:30	26 29.6	-87 47.2	-125.4	17.5	126.6	1623	275.2	2.3	-0.6	842.6	74.1	25.9	19.0	10.3	10.3	17.1
13:53:30	26 29.5	-87 47.0	-126.0	17.4	127.2	1612	207.8	2.4	-0.7	846.8	74.1	25.7	18.6	13.0	13.0	-37.6
13:53:30	26 29.5	-87 46.8	-126.6	17.3	127.8	1615	18.0	3.7	-12.9	74.4	81.4	-0.0	-6.5	50.0	50.0	57.1
13:53:30	26 29.5	-87 46.8	306.4	334.7	1488	1616	27.2	-5.3	1.0	74.2	77.9	-0.5	211.5	138.2	9.2	119.7
13:54:00	26 29.9	-87 49.5	-125.9	16.5	127.0	1619	274.9	2.6	-0.3	842.9	74.1	26.0	19.1	9.8	9.8	15.4
13:54:00	26 29.8	-87 49.3	-126.5	16.5	127.6	1611	207.6	2.7	-0.4	847.1	74.1	25.8	18.7	12.9	12.9	-37.5
13:54:00	26 29.7	-87 49.1	-127.2	16.3	128.3	1615	17.9	4.3	-12.8	74.4	81.4	-0.0	-6.5	50.0	50.0	55.0
13:54:00	26 29.7	-87 48.6	306.5	334.0	1485	1614	27.1	-5.9	0.8	74.2	77.9	-0.5	211.5	134.7	9.3	119.7
13:54:30	26 30.2	-87 51.8	-125.6	17.0	126.7	1619	274.8	2.7	-0.5	843.0	73.2	26.2	19.4	10.2	10.2	14.2
13:54:30	26 30.1	-87 51.6	-126.2	17.0	127.4	1609	207.4	2.9	-0.6	847.1	73.2	26.0	19.0	12.0	12.0	-37.6
13:54:30	26 30.0	-87 51.4	-126.9	16.9	128.1	1612	18.2	4.8	-12.5	73.5	80.5	-0.0	-6.4	50.0	50.0	55.2
13:54:30	26 29.9	-87 50.8	306.8	335.0	1485	1613	27.3	-5.8	0.8	73.2	76.9	-0.5	210.2	136.7	10.2	119.0
13:55:00	26 30.4	-87 54.1	-125.8	4.5	125.9	1620	268.2	2.6	-5.4*	842.9	72.9	26.3	19.6	7.8	7.8	13.0
13:55:00	26 30.3	-87 53.8	-126.5	4.5	126.5	1610	200.9	2.8	-5.5*	846.9	72.9	26.1	19.1	11.0	11.0	28.9
13:55:00	26 30.2	-87 53.7	-127.2	4.8	127.3	1612	18.3	5.4	-12.3	73.3	80.2	-0.0	-6.4	50.0	50.0	46.6
13:55:00	26 30.2	-87 53.7	306.9	331.1	1487	1614	27.3	-4.0	1.3	72.9	76.5	-0.5	209.7	138.4	10.7	118.8
13:55:30	26 30.4	-87 56.3	-125.5	-6.0	125.6	1620	263.7	2.6	-1.0	842.7	73.8	26.4	19.5	10.9	10.9	11.4
13:55:30	26 30.3	-87 56.1	-126.2	-6.0	126.3	1611	196.4	2.7	-1.1	846.9	73.8	26.1	19.1	11.8	11.8	27.1
13:55:30	26 30.2	-87 56.0	-126.9	-6.1	127.0	1615	18.3	4.8	-12.5	74.0	81.1	-0.0	-6.4	50.0	50.0	57.7
13:55:30	26 30.2	-87 55.1	306.9	336.4	1487	1615	27.3	-5.9	0.8	73.8	77.6	-0.5	211.0	137.7	10.0	119.5
13:56:00	26 30.3	-87 58.6	-125.4	-7.1	125.6	1621	263.4	2.4	-0.4	842.7	74.0	26.4	19.5	8.9	8.9	9.0
13:56:00	26 30.1	-87 58.4	-126.1	-7.1	126.3	1611	196.0	2.5	-0.5	846.9	74.0	26.1	19.1	11.3	11.3	25.8
13:56:00	26 30.1	-87 58.3	-126.8	-7.3	127.0	1619	18.4	3.6	-12.9	74.2	81.3	-0.0	-6.5	50.0	50.0	50.4
13:56:00	26 30.1	-87 58.0	306.9	332.9	1487	1614	27.4	-5.9	1.1	74.0	77.8	-0.5	211.3	136.9	9.6	119.7

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
13:56:30	26 30.2	-88 0.9	-126.2	-2.4	126.2	1620	265.4	2.5	0.5	842.7	74.3	26.5	19.6	8.3	8.3	-37.4
13:56:30	26 30.1	-88 0.7	-126.9	-2.3	127.0	1610	198.0	2.6	0.4	847.0	74.3	26.2	19.1	10.8	10.8	24.3
13:56:30	26 30.0	-88 0.6	-127.7	-2.5	127.7	1619	18.5	3.7	-12.8	74.5	81.6	-0.0	-6.5	50.0	50.0	48.4
13:56:30	26 30.0	-88 0.6	306.9	332.0	1487	1614	27.3	-5.2	1.2	74.3	78.1	-0.5	211.7	138.0	10.1	119.9
13:57:00	26 30.1	-88 3.2	-126.4	-0.6	126.4	1620	266.1	2.4	-0.3	842.6	75.3	26.5	19.5	8.7	8.7	-37.3
13:57:00	26 30.0	-88 3.0	-127.1	-0.5	127.1	1610	198.8	2.5	-0.3	847.0	75.3	26.2

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
14:01:30	26 30.2	-88 23.6	-125.6	0.8	125.6	1620	267.3	2.4	-0.6	842.6	75.8	26.8	19.7	9.1	9.1	-24.4
14:01:30	26 30.1	-88 23.5	-126.6	1.2	126.6	1610	200.0	2.5	-0.7	846.9	75.8	26.5	19.3	11.5	11.5	27.7
14:01:30	26 30.0	-88 23.5	-127.4	1.1	127.4	1615	18.5	2.9	-13.0	76.0	83.1	-0.0	-6.6	50.0	50.0	50.5
14:01:30	26 30.0	-88 23.0	307.1	333.5	1487	1621	27.5	-5.9	1.2	75.8	79.6	-0.5	213.7	145.1	8.3	121.1
14:02:00	26 30.2	-88 25.9	-125.5	0.5	125.5	1618	267.4	2.5	-0.6	842.7	75.6	27.0	19.9	8.7	8.7	-23.4
14:02:00	26 30.1	-88 25.8	-126.5	0.8	126.5	1609	200.0	2.6	-0.7	847.0	75.6	26.7	19.5	11.0	11.0	26.3
14:02:00	26 30.0	-88 25.8	-127.3	0.7	127.3	1619	18.8	2.7	-13.1	75.8	82.9	-0.0	-6.6	50.0	50.0	48.5
14:02:00	26 30.0	-88 25.8	307.3	333.1	1486	1620	27.5	-5.8	1.2	75.6	79.5	-0.5	213.4	142.8	7.9	120.9
14:02:30	26 30.2	-88 28.2	-125.8	0.4	125.8	1620	267.3	2.2	-0.5	842.6	75.2	26.7	19.7	9.1	9.1	-24.0
14:02:30	26 30.2	-88 28.1	-126.7	0.8	126.7	1610	199.9	2.3	-0.6	846.8	75.2	26.4	19.3	11.5	11.5	25.4
14:02:30	26 30.1	-88 28.1	-127.4	0.7	127.5	1620	18.5	2.6	-13.3	75.4	82.5	-0.0	-6.6	50.0	50.0	50.4
14:02:30	26 30.1	-88 28.1	307.1	333.4	1488	1622	27.4	-5.8	1.3	75.2	79.1	-0.5	213.0	140.5	8.3	120.6
14:03:00	26 30.2	-88 30.4	-125.9	0.2	125.9	1619	267.2	2.3	-0.6	842.7	76.1	26.6	19.6	9.7	9.7	-24.4
14:03:00	26 30.2	-88 30.3	-127.0	0.6	127.0	1609	199.9	2.4	-0.7	846.9	76.1	26.4	19.1	11.9	11.9	24.4
14:03:00	26 30.1	-88 30.4	-127.7	0.5	127.7	1619	18.4	1.8	-13.6	76.2	83.4	-0.0	-6.6	50.0	50.0	53.2
14:03:00	26 30.1	-88 30.4	306.9	334.4	1487	1620	27.3	-5.6	1.3	76.1	79.9	-0.5	214.1	143.0	8.0	121.3
14:03:30	26 30.2	-88 32.7	-125.9	0.4	125.9	1620	267.0	2.3	-0.4	842.7	75.7	26.5	19.4	9.8	9.8	-23.8
14:03:30	26 30.2	-88 32.6	-127.1	0.8	127.1	1609	199.7	2.4	-0.5	847.0	75.7	26.2	19.0	12.1	12.1	22.1
14:03:30	26 30.1	-88 32.7	-127.8	0.8	127.8	1618	18.4	2.5	-13.4	76.0	83.1	-0.0	-6.6	50.0	50.0	53.8
14:03:30	26 30.1	-88 32.5	306.8	334.3	1486	1620	27.2	-5.2	1.5	75.7	79.6	-0.5	213.7	143.2	8.6	121.0
14:04:00	26 30.2	-88 35.0	-126.0	0.8	126.0	1619	267.4	2.3	-0.5	842.7	75.6	26.4	19.3	10.1	10.1	-36.0
14:04:00	26 30.2	-88 34.9	-127.2	1.2	127.2	1609	200.1	2.4	-0.6	847.0	75.6	26.1	18.9	12.2	12.2	20.2
14:04:00	26 30.1	-88 35.0	-127.9	1.2	127.9	1617	18.3	1.9	-13.8	75.8	83.0	-0.0	-6.6	50.0	50.0	55.1
14:04:00	26 30.1	-88 34.7	306.7	334.7	1487	1620	26.0	-6.0	1.2	75.7	79.5	-0.5	213.5	141.5	8.4	120.9
14:04:30	26 30.2	-88 37.3	-125.6	0.9	125.6	1619	267.4	2.4	-0.4	842.7	76.0	26.4	19.3	10.1	10.1	-37.4
14:04:30	26 30.2	-88 37.2	-126.9	1.4	126.9	1610	200.0	2.6	-0.5	847.0	76.0	26.1	18.9	12.6	12.6	18.4
14:04:30	26 30.1	-88 37.3	-127.6	1.3	127.6	1617	18.1	2.3	-13.7	76.2	83.4	-0.0	-6.6	50.0	50.0	55.5
14:04:30	26 30.1	-88 35.9	306.6	334.7	1486	1621	27.2	-6.6	1.0	76.0	79.9	-0.5	214.1	146.8	8.3	121.2
14:05:00	26 30.3	-88 39.6	-124.7	1.3	124.7	1618	267.1	2.5	-0.4	842.9	75.2	26.3	19.4	11.7	11.7	28.0
14:05:00	26 30.2	-88 39.5	-126.1	1.8	126.1	1608	199.8	2.6	-0.5	847.1	75.2	26.1	18.9	13.6	13.6	16.9
14:05:00	26 30.1	-88 39.6	-126.8	1.8	126.8	1613	18.2	3.1	-13.3	75.4	82.5	-0.0	-6.5	50.0	50.0	61.4
14:05:00	26 30.1	-88 38.5*	306.7	337.8	1485	1619	27.0	-5.5	1.3	75.2	79.1	-0.5	212.9	150.9	8.9	120.6
14:05:30	26 30.3	-88 41.8	-124.2	1.8	124.2	1616	267.0	2.7	-0.3	843.0	72.4	25.7	19.0	11.5	11.5	26.1
14:05:30	26 30.3	-88 41.8	-125.5	2.3	125.6	1606	199.7	2.8	-0.4	847.1	72.4	25.5	18.6	13.6	13.6	-37.5
14:05:30	26 30.2	-88 41.9	-126.2	2.2	126.2	1612	17.9	6.5	-11.8	72.4	79.7	-0.0	-6.3	50.0	50.0	62.2
14:05:30	26 30.2	-88 41.9	306.3	337.1	1485	1618	19.9	-10.1	-1.3	72.4	76.0	-0.5	209.0	146.4	11.0	118.3
14:06:00	26 30.3	-88 44.1	-123.9	1.9	123.9	1614	267.1	2.9	-0.9	843.2	70.4	25.8	19.2	13.1	13.1	-1.0
14:06:00	26 30.3	-88 44.0	-125.3	2.4	125.3	1606	199.7	3.0	-0.9	847.2	70.4	25.5	18.8	15.5	15.5	-37.4
14:06:00	26 30.2	-88 44.1	-125.9	2.6	125.9	1609	17.9	7.8	-12.5	70.9	77.5	-0.0	-6.1	50.0	50.0	68.3
14:06:00	26 30.2	-88 44.1	306.5	340.7	1484	1616	20.7	-2.3	0.7	70.4	74.3	-0.5	206.2	136.2	10.5	116.8

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
14:06:30	26 30.3	-88 46.3	-122.6	1.4	122.7	1619	267.5	2.6	-0.5	842.8	71.3	25.6	19.0	13.6	13.6	23.9
14:06:30	26 30.3	-88 46.3	-124.1	1.9	124.1	1609	200.1	2.8	-0.6	846.8	71.3	25.3	18.5	15.8	15.8	-37.5
14:06:30	26 30.3	-88 46.4	-124.7	1.8	124.7	1614	18.0	5.6	-12.5	71.3	78.5	-0.0	-6.2	50.0	50.0	71.3
14:06:30	26 30.2	-88 45.8	306.3	341.5	1488	1618	27.1	-10.0	-0.7	71.3	74.9	-0.5	207.5	145.3	9.3	117.5
14:07:00	26 30.4	-88 48.5	-122.5	1.4	122.5	1616	267.1	2.9	-0.5	843.1	70.9	25.6	19.0	13.7	13.7	21.7
14:07:00	26 30.4	-88 48.5	-123.9	1.9	123.9	1606	199.8	3.0	-0.6	847.1	70.9	25.3	18.5	15.9	15.9	-37.5
14:07:00	26 30.3	-88 48.6	-124.5	2.0	124.5	1610	17.9	6.9	-11.8	71.2	78.1	-0.0	-6.2	50.0	50.0	72.0
14:07:00	26 30.3	-88 48.3*	306.3	341.7	1485	1617	27.4	-5.8	-0.2	70.9	74.5	-0.5	206.9	144.2	9.4	117.2
14:07:30	26 30.4	-88 50.7	-122.2	1.7	122.2	1616	267.2	2.8	-0.5	843.0	70.4	26.4	19.8	9.6	9.6	19.8
14:07:30	26 30.4	-88 50.8	-123.6	2.3	123.6	1607	199.9	2.9	-0.6	847.0	70.4	26.1	19.4	12.0	12.0	-37.5
14:07:30	26 30.3	-88 50.9	-124.2	2.3	124.2	1611	18.5	6.7	-11.7	70.8	77.6	-0.0	-6.2	50.0	50.0	51.9
14:07:30	26 30.3	-88 50.9	307.2	334.5	1487	1609	27.5	-5.1	0.3	70.5	74.1	-0.5	206.2	144.1	9.3	116.9
14:08:00	26 30.4	-88 52.9	-122.5	1.3	122.5	1617	267.4	2.7	-0.5	843.0	70.8	26.5	19.9	9.4	9.4	18.2
14:08:00	26 30.4	-88 53.0	-123.9	1.9	123.9	1608	200.1	2.8	-0.6	847.0	70.8	26.2	19.4	11.8	11.8	-37.5
14:08:00	26 30.4	-88 53.1	-124.4	1.9	124.4	1613	18.8	6.3	-11.5	71.1	77.9	-0.0	-6.2	50.0	50.0	51.1
14:08:00	26 30.3	-88 52.5	307.2	334.2	1486	1608	27.5	-6.2	0.2	70.9	74.5	-0.5	206.8	142.2	8.8	117.2
14:08:30	26 30.4	-88 55.2	-122.3	1.0	122.3	1617	267.2	2.7	-0.5	843.1	71.1	26.4	19.8	9.8	9.8	-37.3
14:08:30	26 30.5	-88 55.2	-123.7	1.6	123.7	1606	199.9	2.9	-0.6	847.0	71.1	26.1	19.3	12.0	12.0	-37.5
14:08:30	26 30.4	-88 55.4	-124.3	1.6	124.3	1614	18.7	5.8	-11.7	71.4	78.2	-0.0	-6.2	50.0	50.0	52.5
14:08:30	26 30.4	-88 54.6	307.1	334.7	1486	1607	27.5	-5.2	0.5	71.1	74.7	-0.5	207.1	143.2	8.6	117.4
14:09:00	26 30.5	-88 57.4	-122.6	0.8	122.6	1619	267.4	2.6	-0.5	842.8	71.4	26.3	19.7	9.9	9.9	15.7
14:09:00	26 30.5	-88 57.5	-124.0	1.4	124.0	1608	200.1	2.7	-0.6	846.9	71.4	26.1	19.2	12.2	12.2	-37.5
14:09:00	26 30.4	-88 57.6	-124.5	1.4	124.5	1615	18.5	5.8	-11.6	71.7	78.6	-0.0	-6.2	50.0	50.0	53.4
14:09:00	26 30.4	-88 56.7	307.0	334.8	1487	1608	27.6	-5.8	0.3	71.5	75.0	-0.5	207.6	142.1	8.3	117.6
14:09:30	26 30.5	-88 59.6	-121.7	-1.9	121.8	1615	266.2	3.0	-1.8	843.2	70.4	26.1	19.6	10.1	10.1	-37.3
14:09:30	26 30.5	-88 59.7	-123.1	-1.2	123.1	1605	198.9	3.1	-1.9	847.2	70.4	25.9	19.1	12.4	12.4	-37.5
14:09:30	26 30.4	-88 59.8	-123.6	-1.1	123.6	1611	18.4	6.8	-11.3	70.7	77.6	-0.0	-6.2	50.0	50.0	54.7
14:09:30	26 30.4	-88 59.8	306.9	335.1	1485	1610	27.5	-6.5	0.4	70.5	74.0	-0.5	206.2	140.1	8.2	116.8
14:10:00	26 30.4	-89 1.8	-120.9	-6.3	121.1	1617	264.0	2.8	-0.7	843.0	70.0	26.3	19.8	9.9	9.9	13.3
14:10:00	26 30.5	-89 1.9	-122.3	-5.6	122.4	1608	196.7	2.9	-0.8	846.9	70.0	26.0	19.3	12.2	12.2	-37.6
14:10:00	26 30.4	-89 2.1	-122.7	-5.5	122.9	1611	18.5	6.5	-11.4	70.4	77.1	-0.0	-6.1	50.0	50.0	53.3
14:10:00	26 30.4	-89 1.8	307.1	335.0	1487	1610	27.5	-4.3	0.6	70.1	73.6	-0.5	205.7	139.7	7.7	116.6
14:10:30	26 30.3	-89 4.0	-121.7	-7.0	121.9	1617	263.9	2.7	-0.6	843.0	70.9	26.1	19.5	10.4	10.4	11.0
14:10:30	26 30.4	-89 4.1	-123.1	-6.4	123.2	1607	196.5	2.8	-0.7	847.0	70.9	25.8	19.1	12.6	12.6	-37.6
14:10:30	26 30.3	-89 4.3	-123.5	-6.3	123.7	1610	18.4	6.2	-11.4	71.1	78.0	-0.0	-6.2	50.0	50.0	55.7
14:10:30	26 30.3	-89 3.0	306.9	335.5	1486	1612	27.5	-5.9	0.5	70.9	74.4	-0.5	206.9	137.9	7.8	117.2
14:11:00	26 30.2	-89 6.2	-122.1	-6.9	122.3	1615	263.7	2.9	-0.3	843.1	70.5	26.0	19.4	10.1	10.1	-37.3
14:11:00	26 30.3	-89 6.4	-123.4	-6.2	123.6	1605	196.4	3.0	-0.4	847.2	70.5	25.7	19.0	12.4	12.4	-37.6
14:11:00	26 30.2	-89 6.5	-123.8	-6.1	124.0	1608	18.3	6.7	-11.4	70.8	77.7	-0.0	-6.2	50.0	50.0	55.2
14:11:00	26 30.2	-89 6.4	306.7	334.9	1485	1609	27.6	-5.0	0.7	70.5	74.1	-0.5	206.3	135.9	8.6	116.8

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
14:11:30	26 30.1	-89 8.4	-122.5	-7.1	122.7	1616	263.8	2.8	-0.1	843.0	70.7	25.8	19.2	10.6	10.6	9.0
14:11:30	26 30.2	-89 8.6	-123.8	-6.4	124.0	1605	196.4	2.9	-0.2	847.0	70.7	25.5	18.8	13.0	13.0	-37.5
14:11:30	26 30.1	-89 8.8	-124.2	-6.4	124.4	1609	18.1	6.2	-11.4	71.1	77.9	-0.0	-6.2	50.0	50.0	57.6
14:11:30	26 30.1	-89 8.2*	306.6	335.5	1486	1616	27.3	-5.0	0.8	70.8	74.4	-0.5	206.6	133.2	8.5	117.0
14:12:00	26 30.0	-89 10.6	-122.9	-0.7	122.9	1616	266.9	2.7	0.3	842.9	70.5	26.1	19.5	10.1	10.1	-28.6
14:12:00	26 30.1	-89 10.8	-124.2	0.0	124.2	1607	199.6	2.8	0.2	846.9	70.5	25.8	19.0	12.3	12.3	-37.6
14:12:00	26 30.0	-89 11.0	-124.6	0.0	124.6	1609	18.3	5.7	-11.9	70.9	77.7	-0.0	-6.2	50.0	50.0	54.7
14:12:00	26 30.0	-89 10.6	306.8	334.9	1487	1615	27.3	-5.1	0.7	70.6	74.2	-0.5	206.4	133.4	8.5	116.9
14:12:30	26 30.0	-89 12.9	-124.1	-1.0	124.1	1617	266.9	2.4	-0.8	842.8	72.0	26.4	19.7	10.2	10.2	7.7
14:12:30	26 30.1	-89 13.1	-125.4	-0.3	125.4	1607	199.5	2.6	-0.9	846.9	72.0	26.1	19.2	13.3	13.3	-37.6
14:12:30	26 30.0	-89 13.3	-125.7	-0.3	125.7	1611	18.8	4.4	-12.1	71.9	79.2	-0.0	-6.3	50.0	50.0	54.5
14:12:30	26 30.0	-89 12.7	307.0	335.3	1487	1618	27.2	-10.7	-1.0	72.0	75.4	-0.5	208.5	136.9	9.0	118.2
14:13:00	26 30.0	-89 15.1	-124.4	-1.0	124.4	1617	266.6	2.3	-0.5	842.7	73.2	26.1	19.3	11.3	11.3	-1.7
14:13:00	26 30.1	-89 15.3	-125.7	-0.3	125.7	1607	199.3	2.5	-0.5	846.9	73.2	25.8	18.8	13.2	13.2	-37.6
14:13:00	26 30.0	-89 15.5	-126.1	-0.2	126.1	1610	18.1	3.1	-12.7	73.5	80.4	-0.0	-6.4	50.0	50.0	60.4
14:13:00	26 30.0	-89 15.2	306.6	337.0	1487	1617	27.3	-6.1	0.4	73.2	77.0	-0.5	210.2	139.1	8.6	119.0
14:13:30	26 29.9	-89 17.4	-125.0	-2.0	125.0	1617	266.3	2.3	-0.3	842.8	74.1	26.2	19.3	9.3	9.3	-32.3
14:13:30	26 30.1	-89 17.6	-126.3	-1.2	126.3	1607	199.0	2.4	-0.4	847.0	74.1	25.9	18.8	11.9	11.9	-37.6
14:13:30	26 30.0	-89 17.8	-126.6	-1.1	126.6	1609	18.2	3.0	-12.8	74.4	81.3	-0.0	-6.5	50.0	50.0	52.7
14:13:30	26 30.0	-89 17.4	306.6	333.3	1487	1616	27.4	-4.3	1.1	74.1	77.9	-0.5	211.4	136.0	8.0	119.7
14:14:00	26 29.9	-89 19.7	-125.7	-2.2	125.8	1616	266.6	2.4	-0.8	842.9	74.7	26.2	19.3	9.8	9.8	-32.2
14:14:00	26 30.1	-89 19.9	-127.0	-1.4	127.1	1605	199.2	2.5	-0.9	847.1	74.7	26.0	18.9	12.1	12.1	-37.5
14:14:00	26 30.0	-89 20.1	-127.3	-1.3	127.3	1608	18.1	3.2	-12.7	74.9	81.9	-0.0	-6.5	50.0	50.0	54.4
14:14:00	26 30.0	-89 19.9	306.6	334.2	1485	1616	27.3	-4.7	0.9	74.7	78.5	-0.5	212.2	131.2	7.8	120.1
14:14:30	26 29.9	-89 21.9	-126.3	-2.7	126.3	1617	266.6	2.3	-0.7	842.7	75.2	26.2	19.2	10.1	10.1	-24.1
14:14:30	26 30.0	-89 22.2	-127.6	-2.0	127.6	1608	199.2	2.4	-0.9	847.0	75.2	26.0	18.8	12.3	12.3	-37.6
14:14:30	26 29.9	-89 22.4	-127.8	-1.9	127.8	1609	17.9	2.5	-12.9	75.5	82.5	-0.0	-6.6	50.0	50.0	55.6
14:14:30	26 30.0	-89 21.6	306.6	334.6	1486	1617	27.2	-5.3	1.0	75.2	79.0	-0.5	212.9	127.9	7.6	120.6
14:15:00	26 29.8	-89 24.2	-126.9	-2.8	127.0	1617	266.5	2.4	-0.4	842.8	75.4	26.3	19.3	9.7	9.7	-23.8
14:15:00	26 30.0	-89 24.5	-128.2	-2.0	128.2	1606	199.2	2.6	-0.4	847.1	75.4	26.0	18.8	12.0	12.0	-37.6
14:15:00	26 29.9	-89 24.7	-128.4	-1.9	128.4	1609	18.2	2.1	-13.2	75.6	82.6	-0.0	-6.6	50.0	50.0	54.0
14:15:00	26 29.9	-89 24.6	306.6	334.0	1485	1616	27.3	-6.0	1.0	75.4	79.2	-0.5	213.2	127.8	8.3	120.7
14:15:30	26 29.8	-89 26.5	-126.6	-3.0	126.6	1616	266.6	2.4	-0.6	842.8	76.0	26.4	19.4	9.6	9.6	-23.5
14:15:30	26 30.0	-89 26.8	-127.8	-2.2	127.9	1607	199.2	2.5	-0.6	847.1	76.0	26.2	18.9	11.8	11.8	-37.6
14:15:30	26 29.9	-89 27.0	-128.1	-2.1	128.1	1609	18.2	1.8	-13.2	76.2	83.4	-0.0	-6.6	50.0	50.0	53.4
14:15:30	26 29.9	-89 27.0	306.7	333.9	1485	1616	27.2	-5.8	1.1	76.0	79.9	-0.5	214.0	129.0	7.3	121.2
14:16:00	26 29.7	-89 28.8	-126.0	-2.3	126.0	1618	266.4	2.2	0.0*	842.6	75.7	25.7	18.7	11.7	11.7	-23.9
14:16:00	26 29.9	-89 29.1	-127.2	-1.6	127.2	1608	199.1	2.3	-0.1*	846.9	75.7	25.4	18.2	14.3	14.3	25.5
14:16:00	26 29.8	-89 29.3	-127.4	-1.5	127.4	1612	17.7	1.2	-14.3	75.9	83.0	-0.0	-6.6	50.0	50.0	64.4
14:16:00	26 29.9	-89 28.4	306.0	337.1	1487	1615	27.1	-5.1	1.3	75.7	79.7	-0.5	213.6	135.3	7.6	120.9

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
14:16:30	26 29.7	-89 31.1	-125.3	-2.3	125.4	1616	266.6	2.5	-0.5	842.8	74.8	25.8	18.8	12.7	12.7	-24.0
14:16:30	26 29.9	-89 31.4	-126.6	-1.5	126.6	1606	199.2	2.6	-0.6	847.0	74.8	25.5	18.4	15.1	15.1	26.7
14:16:30	26 29.8	-89 31.6	-126.7	-1.4	126.7	1610	17.8	2.1	-13.7	75.0	82.1	-0.0	-6.5	50.0	50.0	68.3
14:16:30	26 29.8	-89 31.5	306.1	339.5	1486	1616	27.2	-6.2	0.8	74.8	78.7	-0.5	212.4	134.6	7.5	120.2
14:17:00	26 29.6	-89 33.4	-125.4	-2.1	125.4	1617	266.5	2.4	-0.6	842.8	74.4	26.0	19.1	11.6	11.6	-24.0
14:17:00	26 29.9	-89 33.7	-126.6	-1.3	126.6	1607	199.2	2.5	-0.7	847.0	74.4	25.7

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
14:21:30	26 29.3	-89 53.8	-125.0	-1.9	125.0	1614	266.5	2.5	-0.7	842.9	74.9	26.0	19.1	11.6	11.6	-23.9
14:21:30	26 29.7	-89 54.3	-126.4	-1.1	126.4	1604	199.2	2.6	-0.7	847.1	74.9	25.8	18.6	13.8	13.8	-37.5
14:21:30	26 29.6	-89 54.5	-126.3	-1.0	126.3	1609	17.9	2.1	-13.2	75.1	82.2	-0.0	-6.5	50.0	50.0	62.3
14:21:30	26 29.6	-89 54.2	306.4	337.3	1485	1615	27.2	-6.2	0.9	75.0	78.8	-0.5	212.6	139.7	7.6	120.3
14:22:00	26 29.3	-89 56.1	-123.9	-1.9	123.9	1615	266.6	2.7	-0.4	843.0	73.4	26.0	19.2	11.5	11.5	-23.7
14:22:00	26 29.7	-89 56.6	-125.2	-1.2	125.2	1605	199.3	2.8	-0.5	847.1	73.4	25.8	18.8	13.6	13.6	-37.5
14:22:00	26 29.6	-89 56.7	-125.1	-1.1	125.1	1608	18.0	3.6	-12.9	73.7	80.6	-0.0	-6.4	50.0	50.0	61.3
14:22:00	26 29.6	-89 56.6	306.5	337.3	1485	1615	27.2	-5.7	0.6	73.4	77.2	-0.5	210.4	137.6	7.4	119.2
14:22:30	26 29.3	-89 58.3	-123.1	-1.7	123.1	1614	266.6	2.8	-0.6	843.1	72.2	26.3	19.5	10.8	10.8	-23.7
14:22:30	26 29.6	-89 58.8	-124.4	-1.0	124.4	1605	199.2	3.0	-0.7	847.1	72.2	26.0	19.1	13.0	13.0	-37.6
14:22:30	26 29.6	-89 59.0	-124.2	-0.9	124.2	1608	18.3	5.4	-12.4	72.4	79.3	-0.0	-6.3	50.0	50.0	57.4
14:22:30	26 29.6	-89 58.7	306.9	336.4	1485	1615	26.9	-5.9	0.5	72.2	75.8	-0.5	208.7	138.1	7.6	118.2
14:23:00	26 29.2	-90 0.5	-122.5	-1.8	122.5	1613	266.4	2.8	-0.3	843.2	70.5	26.0	19.4	11.2	11.2	-24.6
14:23:00	26 29.6	-90 1.1	-123.8	-1.1	123.8	1603	199.1	3.0	-0.4	847.1	70.5	25.7	19.0	13.4	13.4	29.1
14:23:00	26 29.6	-90 1.2	-123.6	-1.0	123.6	1607	18.3	6.3	-12.0	70.9	77.7	-0.0	-6.2	50.0	50.0	59.1
14:23:00	26 29.6	-90 1.2	306.7	336.9	1485	1613	25.5	-4.2	0.9	70.6	74.2	-0.5	206.3	133.6	8.1	116.9
14:23:30	26 29.2	-90 2.8	-123.6	-0.5	123.6	1616	266.7	2.3	0.1	842.9	71.0	26.0	19.3	12.0	12.0	-23.7
14:23:30	26 29.6	-90 3.3	-124.8	0.2	124.8	1605	199.4	2.4	0.0	846.9	71.0	25.7	18.9	14.1	14.1	27.8
14:23:30	26 29.6	-90 3.5	-124.5	0.2	124.5	1610	18.3	4.9	-12.1	71.3	78.1	-0.0	-6.2	50.0	50.0	63.1
14:23:30	26 29.6	-90 3.3	306.7	338.6	1487	1616	21.9	-5.3	0.7	71.0	74.7	-0.5	207.0	134.9	9.3	117.3
14:24:00	26 29.2	-90 5.0	-125.0	-0.5	125.0	1612	267.1	2.6	-0.7	843.2	72.1	26.0	19.3	11.2	11.2	-24.4
14:24:00	26 29.6	-90 5.6	-126.0	0.2	126.0	1603	199.7	2.7	-0.8	847.2	72.1	25.8	18.9	13.5	13.5	26.1
14:24:00	26 29.6	-90 5.7	-125.7	0.3	125.7	1607	18.2	5.0	-12.1	72.3	79.3	-0.0	-6.3	50.0	50.0	59.5
14:24:00	26 29.6	-90 5.6	306.6	336.7	1484	1613	27.3	-5.8	0.4	72.2	75.7	-0.5	208.6	129.4	9.1	118.1
14:24:30	26 29.2	-90 7.3	-124.7	-1.0	124.7	1614	267.0	2.8	-0.6	843.1	71.2	26.0	19.3	11.4	11.4	-24.2
14:24:30	26 29.6	-90 7.8	-125.6	-0.3	125.6	1603	199.7	2.9	-0.7	847.1	71.2	25.7	18.9	13.5	13.5	24.9
14:24:30	26 29.6	-90 8.0	-125.4	-0.2	125.4	1607	18.2	5.8	-12.0	71.5	78.4	-0.0	-6.2	50.0	50.0	60.4
14:24:30	26 29.6	-90 8.0	306.7	337.3	1485	1613	27.0	-5.2	0.8	71.3	74.9	-0.5	207.4	125.3	9.2	117.5
14:25:00	26 29.2	-90 9.6	-124.8	-1.2	124.8	1614	267.0	2.6	-0.4	842.9	72.0	26.2	19.5	11.2	11.2	-23.9
14:25:00	26 29.6	-90 10.1	-125.7	-0.5	125.7	1605	199.7	2.8	-0.5	847.0	72.0	25.9	19.0	13.3	13.3	23.3
14:25:00	26 29.6	-90 10.2	-125.4	-0.4	125.4	1605	18.3	4.5	-12.1	72.3	79.2	-0.0	-6.3	50.0	50.0	59.1
14:25:00	26 29.6	-90 9.3	306.8	337.0	1487	1615	27.3	-5.6	0.5	72.1	75.7	-0.5	208.5	127.9	8.7	118.1
14:25:30	26 29.2	-90 11.8	-124.7	-1.2	124.7	1614	266.9	2.7	-0.5	843.0	71.9	26.4	19.7	11.1	11.1	-24.0
14:25:30	26 29.6	-90 12.4	-125.4	-0.6	125.4	1604	199.5	2.8	-0.6	847.0	71.9	26.1	19.3	13.3	13.3	21.2
14:25:30	26 29.6	-90 12.5	-125.1	-0.4	125.1	1604	18.6	5.1	-12.0	72.3	79.2	-0.0	-6.3	50.0	50.0	57.8
14:25:30	26 29.6	-90 12.5	307.1	337.1	1486	1614	27.3	-5.1	0.7	72.0	75.6	-0.5	208.4	128.7	8.7	118.1
14:26:00	26 29.1	-90 14.1	-125.5	-0.9	125.5	1615	267.0	2.4	-0.5	842.8	71.7	25.8	19.2	12.0	12.0	-23.8
14:26:00	26 29.6	-90 14.6	-126.2	-0.2	126.2	1605	199.7	2.5	-0.6	846.9	71.7	25.6	18.7	14.2	14.2	19.1
14:26:00	26 29.6	-90 14.8	-125.9	-0.1	125.9	1609	18.1	5.0	-12.0	72.0	78.9	-0.0	-6.3	50.0	50.0	63.5
14:26:00	26 29.6	-90 14.5	306.5	338.3	1487	1615	26.5	-6.0	0.4	71.8	75.5	-0.5	208.1	125.5	9.6	117.9

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
14:26:30	26 29.1	-90 16.4	-125.7	-1.3	125.7	1615	266.8	2.5	-0.2	842.8	72.8	26.3	19.5	10.9	10.9	-24.1
14:26:30	26 29.6	-90 16.9	-126.4	-0.7	126.4	1606	199.4	2.6	-0.3	846.9	72.9	26.0	19.1	13.4	13.4	17.8
14:26:30	26 29.5	-90 17.0	-126.1	-0.6	126.1	1611	18.3	3.6	-12.8	73.2	80.1	-0.0	-6.4	50.0	50.0	57.8
14:26:30	26 29.6	-90 16.9	306.9	336.6	1487	1614	27.4	-4.3	1.0	72.9	76.6	-0.5	209.7	127.3	9.0	118.8
14:27:00	26 29.1	-90 18.6	-126.9	-0.7	126.9	1615	266.9	2.2	-0.1	842.8	74.4	26.6	19.6	8.8	8.8	-23.5
14:27:00	26 29.6	-90 19.2	-127.5	-0.1	127.5	1604	199.6	2.4	-0.2	847.0	74.4	26.3	19.2	11.6	11.6	16.8
14:27:00	26 29.5	-90 19.3	-127.2	0.0	127.2	1612	18.4	2.2	-13.1	74.6	81.6	-0.0	-6.5	50.0	50.0	49.7
14:27:00	26 29.5	-90 18.7	307.0	332.8	1487	1615	27.2	-5.8	0.9	74.5	78.2	-0.5	211.9	131.4	9.4	120.0
14:27:30	26 29.1	-90 20.9	-126.8	-0.6	126.8	1616	267.0	2.2	-0.6	842.7	73.8	26.2	19.4	11.1	11.1	-24.0
14:27:30	26 29.6	-90 21.5	-127.5	-0.0	127.5	1606	199.7	2.4	-0.7	846.8	73.8	26.0	18.9	13.0	13.0	-37.6
14:27:30	26 29.5	-90 21.6	-127.1	0.1	127.1	1615	18.2	2.4	-13.1	74.1	81.1	-0.0	-6.4	48.2	48.2	59.3
14:27:30	26 29.5	-90 21.2	306.7	336.9	1488	1615	27.2	-5.7	0.9	73.9	77.6	-0.5	211.0	128.1	9.5	119.6
14:28:00	26 29.1	-90 23.2	-127.1	-0.9	127.1	1612	267.1	2.6	-0.9	843.1	73.6	25.9	19.1	10.5	10.5	-24.3
14:28:00	26 29.6	-90 23.8	-127.7	-0.3	127.7	1602	199.7	2.7	-1.0	847.2	73.6	25.7	18.6	13.2	13.2	-37.6
14:28:00	26 29.6	-90 23.9	-127.4	-0.1	127.4	1595	17.8	2.8	-13.2	74.0	80.8	-0.0	-6.4	50.0	50.0	57.9
14:28:00	26 29.5	-90 23.9	306.4	335.2	1484	1611	27.2	-4.2	1.1	73.7	77.4	-0.5	210.7	122.7	9.5	119.3
14:28:30	26 29.1	-90 25.5	-126.6	-0.8	126.6	1613	267.1	2.6	-0.5	842.9	73.7	26.0	19.1	10.3	10.3	-23.9
14:28:30	26 29.6	-90 26.1	-127.3	-0.3	127.3	1603	199.7	2.7	-0.7	847.0	73.7	25.7	18.7	12.7	12.7	-37.6
14:28:30	26 29.5	-90 26.2	-126.9	-0.1	126.9	1608	17.9	4.7	-12.5	74.0	81.0	-0.0	-6.4	49.9	49.9	56.7
14:28:30	26 29.5	-90 26.0	306.4	334.8	1486	1613	27.2	-5.5	0.6	73.8	77.5	-0.5	210.9	126.5	9.2	119.4
14:29:00	26 29.1	-90 27.8	-126.4	-1.1	126.5	1615	266.9	2.4	-0.6	842.8	73.8	26.0	19.2	11.5	11.5	-23.8
14:29:00	26 29.6	-90 28.4	-127.2	-0.6	127.2	1605	199.6	2.6	-0.6	846.9	73.8	25.8	18.7	13.4	13.4	-37.6
14:29:00	26 29.5	-90 28.5	-126.8	-0.4	126.8	1607	18.1	3.2	-12.9	74.1	81.0	-0.0	-6.4	50.0	50.0	61.4
14:29:00	26 29.5	-90 28.0	306.5	337.2	1487	1611	27.2	-5.4	0.7	73.8	77.6	-0.5	211.0	128.0	9.1	119.5
14:29:30	26 29.0	-90 30.1	-126.6	-0.5	126.6	1615	266.9	2.4	-0.3	842.8	73.6	26.5	19.6	10.1	10.1	-23.2
14:29:30	26 29.6	-90 30.7	-127.4	0.1	127.4	1605	199.6	2.5	-0.4	846.9	73.6	26.2	19.2	12.7	12.7	-37.6
14:29:30	10 52.9*	-1 47.0*	1686.9	1686.9	2385.6	998768*	18.5	2.3	-13.3	73.9	80.8	-0.0	-6.4	50.0	50.0	54.5
00:00:00	26 29.5	-90 29.4	307.0	335.2	1487	1611	27.3	-5.3	0.9	73.6	77.4	-0.5	210.7	130.2	9.7	119.4
14:30:00	26 29.0	-90 32.4	-126.9	-0.5	126.9	1615	266.9	2.3	-0.5	842.8	74.8	26.0	19.0	13.1	13.1	-24.2
14:30:00	26 29.6	-90 33.0	-127.9	0.0	127.9	1604	199.5	2.4	-0.6	847.0	74.8	25.7	18.6	15.7	15.7	-37.6
14:30:00	10 52.9*	-1 47.0*	1686.9	1686.9	2385.6	998768*	17.9	2.8	-12.9	75.0	82.1	-0.0	-6.5	50.0	50.0	68.9
00:00:00	26 29.5	-90 33.1	306.4	340.4	1486	1611	27.2	-5.8	0.9	74.9	78.7	-0.5	212.4	132.6	9.3	120.3
14:30:30	26 29.0	-90 34.7	-127.2	-0.8	127.2	1614	267.0	2.4	-0.4	842.9	75.1	26.7	19.8	10.1	10.1	-23.6
14:30:30	26 29.6	-90 35.3	-128.2	-0.3	128.2	1603	199.6	2.6	-0.5	847.1	75.1	26.5	19.3	12.7	12.7	29.1
14:30:30	10 52.9*	-1 47.0*	1686.9	1686.9	2385.6	998768*	18.7	1.4	-13.3	75.3	82.3	-0.0	-6.5	50.0	50.0	54.0
00:00:00	26 29.5	-90 34.5	307.1	335.3	1485	1612	27.3	-5.4	1.3	75.1	79.0	-0.5	212.8	130.2	9.0	120.6
14:31:00	26 29.0	-90 37.0	-126.5	-0.6	126.5	1611	267.3	2.6	-0.9	843.0	73.9	27.2	20.3	17.3	17.3	-23.4
14:31:00	26 29.6	-90 37.6	-127.5	-0.1	127.5	1601	200.0	2.8	-1.0	847.2	73.9	26.8	19.8	15.8	15.8	26.9
14:31:00	10 52.9*	-1 47.0*	1686.9	1686.9	2385.6	998768*	19.1	3.1	-14.4	74.2	81.1	-0.0	-6.4	43.9	43.9	84.2
00:00:00	26 29.5	-90 37.5	307.6	352.7	1484	1606	26.9	-5.7	0.9	73.9	77.8	-0.5	211.2	128.2	8.5	120.0

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
14:31:30	26 29.0	-90 39.3	-127.0	0.2	127.0	1614	266.9	2.3	-0.5	842.8	74.5	26.2	19.3	12.0	12.0	-23.7
14:31:30	26 29.6	-90 39.9	-128.0	0.6	128.0	1604	199.6	2.4	-0.5	847.0	74.5	26.0	18.9	14.5	14.5	25.5
14:31:30	10 52.9*	-1 47.0*	1686.9	1686.9	2385.6	998768*	18.3	1.6	-14.9	74.7	81.7	-0.0	-6.5	50.0	50.0	63.1
00:00:00	26 29.5	-90 39.7	306.6	338.5	1486	1611	27.0	-6.1	0.6	74.5	78.3	-0.5	212.0	134.6	10.0	120.1
14:32:00	26 29.0	-90 41.6	-126.7	2.5	126.7	1615	268.2	2.5	-0.3	842.8	74.0	25.9	19.0	12.5	12.5	-24.2
14:32:00	26 29.6	-90 42.2	-127.7	2.9	127.7	1604	200.8	2.6	-0.4	846.9	74.0	25.6	18.6	14.7	14.7	23.1
14:32:00	10 52.9*	-1 47.0*	1686.9	1686.9	2385.6	998768*	17.9	1.9	-14.9	74.3	81.3	-0.0	-6.5	50.0	50.0	66.5
00:00:00	26 29.6	-90 42.3	306.3	339.2	1487	1611	27.2	-5.0	0.8	74.1	77.9	-0.5	211.3	132.0	9.7	119.6
14:32:30	26 29.1	-90 43.9	-127.0	2.6	127.0	1614	268.3	2.4	-0.3	842.8	74.4	25.9	18.9	12.4	12.4	-23.8
14:32:30	26 29.6	-90 44.6	-127.9	3.0	128.0	1603	200.9	2.6	-0.4	847.0	74.4	25.6	18.5	14.6	14.6	20.9
14:32:30	10 52.9*	-1 47.0*	1686.9	1686.9	2385.6	998768*	17.7	2.1	-13.7	74.7	81.6	-0.0	-6.5	50.0	50.0	66.2
00:00:00	26 29.6	-90 43.7*	306.3	338.9	1486	1611	27.2	-5.4	0.8	74.4	78.3	-0.5	211.8	131.7	9.6	119.9
14:33:00	26 29.1	-90 46.2	-127.0	2.5	127.0	1611	268.2	2.5	-0.6	842.8	75.3	26.0	19.0	13.0	13.0	-24.3
14:33:00	26 29.7	-90 46.9	-127.9	2.9	127.9	1604	200.9	2.6	-0.6	847.0	75.3	25.7	18.5	15.1	15.1	19.0
14:33:00	10 52.9*	-1 47.0*	1686.9	1686.9	2385.6	998768*	17.9	1.8	-13.8	75.7	82.6	-0.0	-6.6	50.0	50.0	68.8
00:00:00	26 29.7	-90 46.7	306.3	340.2	1486	1610	26.8	-3.0	1.5	75.4	79.2	-0.5	213.1	133.8	8.9	120.7
14:33:30	26 29.2	-90 48.5	-126.5	1.9	126.6	1612	268.4	2.4	-0.7	842.8	74.6	26.2	19.3	12.9	12.9	-24.1
14:33:30	26 29.7	-90 49.2	-127.4	2.2	127.4	1605	201.0	2.5	-0.8	847.0	74.6	25.9	18.8	15.2	15.2	17.6
14:33:30	10 52.9*	-1 47.0*	1686.9	1686.9	2385.6	998768*	18.0	1.5	-13.9	74.8	81.8	-0.0	-6.5	50.0	50.0	67.3
00:00:00	26 29.7	-90 47.9	306.6	340.4	1487	1608	26.9	-5.7	1.0	74.6	78.4	-0.5	212.0	130.6	8.6	120.1
14:34:00	26 29.2	-90 50.8	-131.0	2.2	131.0	1621	267.5	0.7*	1.0*	841.8	79.1	26.5	19.1	15.6	15.6	-24.0
14:34:00	26 29.8	-90 51.5	-131.8	2.5	131.8	1611	200.1	0.8*	0.9*	846.2	79.1	26.4	18.9	17.9	17.9	16.1
14:34:00	10 52.9*	-1 47.0*	1686.9	1686.9	2385.6	998768*	18.2	3.6	-15.0	79.9	86.7	-0.0	-6.9	50.0	50.0	80.7
00:00:00	26 29.8	-90 51.3	306.5	346.7	1494	1626	25.2	0.9	2.1	79.1	82.6	-0.5	218.2	132.6	10.0	123.7
14:34:30	26 29.4	-90 53.2	-125.5	8.1	125.8	1669	271.0	2.2*	-5.8*	837.5	70.3	25.5	18.9	13.4	13.4	-23.4
14:34:30	26 29.9	-90 53.8	-126.2	8.5	126.5	1659	203.6	2.4*	-5.9*	841.4	70.3	25.2	18.4	15.0	15.0	-37.6
14:34:30	10 52.9*	-1 47.0*	1686.9	1686.9	2385.6	998768*	17.5	1.9	-13.9	70.8	77.3	-0.0	-6.2	50.0	50.0	71.3
00:00:00	26 29.8	-90 52.3*	306.8	342.0	1540	1628*	26.5	-5.0	-0.9	70.4	73.9	-0.5	206.0	125.7	10.5	117.0
14:35:00	26 29.5	-90 55.5	-131.6	10.0	132.0	1620	271.0*	0.6*	0.4*	841.7	81.1	26.3	18.8	15.7	15.7	-23.4
14:35:00	26 30.1	-90 56.1	-132.4	10.3	132.8	1610	203.7*	0.7*	0.3*	846.4	81.1	26.0	18.3	19.8	19.8	-37.6
14:35:00	10 52.9*	-1 47.0*	1686.9	1686.9	2385.6	998768*	17.7	-1.9	-18.6	82.3	88.6	-0.0	-7.0	50.0	50.0	83.1
00:00:00	26 30.0	-90 55.8	306.1	346.4	1492	1620	22.1	5.7	1.8	81.0	85.6	-0.5	220.9	132.6	8.9	125.1
14:35:30	26 29.6	-90 57.9	-130.7	5.2	130.8	1628	269.6	1.8	-2.1	841.1	78.7	25.7	18.4	12.5	12.5	-24.1
14:35:30	26 30.2	-90 58.5	-131.6	5.5	131.7	1620	202.3	1.9	-2.1	845.5	78.7	25.4	18.0	14.7	14.7	-37.6
14:35:30	10 52.9*	-1 47.0*	1686.9	1686.9	2385.6	998768*	17.4	-1.6	-16.8	79.0	86.0	-0.0	-6.8	50.0	50.0	69.0
00:00:00	26 30.2	-90 58.3	305.9	338.7	1501	1628	26.8	-5.8	-2.8	78.6	82.7	-0.5	217.7	129.8	9.8	123.2
14:36:00	26 29.7	-91 0.2	-130.8	2.9	130.8	1626	268.7	2.0	-0.2*	841.2	79.3	26.1	18.7	12.3	12.3	-24.1
14:36:00	26 30.3	-91 0.9	-131.9	3.1	132.0	1616	201.3	2.1	-0.3*	845.7	79.3	25.8	18.3	14.5	14.5	-37.6
14:36:00	10 52.9*	-1 47.0*	1686.9	1686.9	2385.6	998768*	17.6	-2.4	-17.4	79.5	86.7	-0.0	-6.9	50.0	50.0	66.5
00:00:00	26 30.3	-91 0.2*	306.2	338.5	1499	1623	26.6	-6.5	-1.7	79.2	83.3	-0.5	218.5	130.8	9.4	123.7

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
14:36:30	26 30.5	-91 2.3	-78.2	104.2	130.3	1627	325.1*	2.4	24.2	841.0	75.7	25.9	18.8	11.9	11.9	-23.6
14:36:30	26 31.1	-91 3.0	-79.7	104.5	131.4	1614	257.6*	2.6	24.1	845.9	75.7	25.6	18.4	14.2	14.2	-37.6
14:36:30	10 52.9*	-1 47.0*	1686.9	1686.9	2385.6	998768*	18.1	7.4	-14.3	76.0	83.2	-0.0	-6.6	50.0	50.0	64.6
00:00:00	26 31.1	-91 2.9	306.3	337.9	1497	1621	26.6	-6.4	0.5	75.7	80.2	-0.5	213.6	128.5	9.8	120.9
14:37:00	26 32.5	-91 2.6	51.5	111.1	122.5	1626	30.1*	2.5	24.7	841.0	73.2	25.5	18.7	11.9	11.9	-37.3
14:37:00	26 33.1	-91 3.3	49.8	111.6

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
14:41:30	26 21.4	-90 54.7	40.2	-103.4	110.9	1617	158.0	2.5	-0.3	842.5	72.5	26.3	19.5	10.6	10.6	11.4
14:41:30	26 22.0	-90 55.8	37.5	-103.0	109.6	1606	90.7	2.7	-0.4	846.7	72.5	26.0	19.1	12.9	12.9	-37.5
14:41:30	42 1.9	-91 38.5	0.0	0.0	0.0	257	18.2	3.8	-12.5	72.8	79.7	-0.0	-6.3	50.0	50.0	56.7
00:03:19	26 22.3	-90 55.8	306.9	336.1	1489	1619	27.0	-6.2	-0.7	72.6	76.3	-0.5	209.2	144.3	7.9	118.6
14:42:00	26 19.7	-90 54.0	39.2	-103.0	110.2	1616	158.0	2.6	-0.4	842.5	72.4	25.7	19.0	11.8	11.8	9.8
14:42:00	26 20.4	-90 55.1	36.7	-102.7	109.0	1607	90.7	2.7	-0.4	846.7	72.4	25.4	18.5	14.1	14.1	-37.5
14:42:00	42 1.9	-91 38.5	0.0	0.0	0.0	257	17.8	3.6	-12.5	72.9	79.6	-0.0	-6.3	50.0	50.0	63.7
00:03:49	26 20.7	-90 55.1	306.3	337.7	1489	1621	26.9	-4.1	-0.2	72.5	76.2	-0.5	209.1	142.8	8.5	118.4
14:42:30	26 18.1	-90 53.3	39.0	-102.9	110.0	1620	157.9	2.6	-0.3	842.4	70.9	25.9	19.3	11.4	11.4	9.2
14:42:30	26 18.7	-90 54.5	36.5	-102.6	108.9	1609	90.6	2.6	-0.4	846.4	70.9	25.6	18.8	13.6	13.6	-37.6
14:42:30	0 0.0	0 0.0	0.0	0.0	0.0	0	18.0	4.2	-12.1	71.3	78.0	-0.0	-6.2	50.0	50.0	60.6
00:00:00	26 19.1	-90 54.5	306.7	337.3	1492	1618	27.0	-5.6	-0.3	70.9	74.5	-0.5	206.8	136.1	7.7	117.2
14:43:00	26 16.4	-90 52.6	39.4	-104.5	111.7	1619	157.8	2.4	-0.3	842.3	73.1	26.0	19.2	11.9	11.9	8.4
14:43:00	26 17.0	-90 53.8	37.1	-104.3	110.7	1610	90.4	2.6	-0.4	846.4	73.1	25.7	18.7	14.1	14.1	-37.5
14:43:00	0 0.0	0 0.0	0.0	0.0	0.0	0	18.1	2.4	-12.9	73.6	80.3	-0.0	-6.4	50.0	50.0	63.1
00:00:00	26 17.2	-90 53.7	306.6	338.2	1491	1620	26.7	-4.2	-0.4	73.1	76.9	-0.5	210.0	135.3	7.9	119.0
14:43:30	26 14.8	-90 51.6	63.8	-93.3	113.1	1620	145.2*	2.2	-7.6*	842.4	74.5	26.2	19.3	11.3	11.3	7.6
14:43:30	26 15.4	-90 53.0	61.5	-93.1	111.6	1610	77.9*	2.3	-7.7*	846.4	74.5	25.9	18.8	13.5	13.5	-37.6
14:43:30	26 16.1	-90 52.2	0.0	0.0	0.0	257	17.8	1.3	-13.4	74.8	81.7	-0.0	-6.5	50.0	50.0	60.4
00:05:19	26 15.7	-90 53.0	306.7	337.1	1492	1621	25.3	-7.2	-1.6	74.5	78.2	-0.5	212.0	135.9	7.1	120.1
14:44:00	26 13.3	-90 50.3	76.1	-84.9	114.0	1620	138.4	2.3	-1.0	842.1	75.9	26.5	19.4	10.2	10.2	7.2
14:44:00	26 14.0	-90 51.7	73.8	-84.7	112.3	1609	71.1	2.4	-1.1	846.4	75.9	26.2	19.0	12.6	12.6	-37.6
14:44:00	26 16.1	-90 52.2	0.0	0.0	0.0	257	18.1	0.1	-13.8	76.2	83.1	-0.0	-6.6	50.0	50.0	55.2
00:05:49	26 14.3	-90 51.9	306.8	335.1	1492	1621	27.0	-5.4	-1.2	75.9	79.7	-0.5	213.9	141.3	7.1	121.2
14:44:30	26 11.9	-90 49.1	43.3	-105.4	114.0	1618	158.0	2.4	6.5*	842.1	76.8	26.2	19.0	15.7	15.7	2.4
14:44:30	26 12.5	-90 50.5	41.2	-105.2	113.0	1607	90.6	2.5	6.4*	846.7	76.8	25.9	18.6	16.5	16.5	-37.6
14:44:30	26 16.1	-90 52.2	0.0	0.0	0.0	257	18.1	-1.9	-14.5	76.9	84.1	-0.0	-6.7	50.0	50.0	81.7
00:06:19	26 12.5	-90 50.3	306.4	346.7	1489	1619	23.1	-9.6	-2.3	76.7	80.9	-0.5	215.1	154.5	7.9	121.9
14:45:00	26 10.1	-90 48.4	36.5	-108.5	114.5	1618	159.9	2.3	-0.0	842.1	76.4	26.6	19.5	10.4	10.4	-0.3
14:45:00	26 10.8	-90 49.8	34.6	-108.3	113.7	1609	92.5	2.4	-0.2	846.6	76.4	26.3	19.0	12.3	12.3	-37.6
14:45:00	26 16.1	-90 52.2	0.0	0.0	0.0	257	18.2	0.4	-14.4	76.8	83.7	-0.0	-6.7	50.0	50.0	56.0
00:06:49	26 11.1	-90 49.7	306.8	335.5	1490	1621	27.4	-5.7	-1.3	76.4	80.4	-0.5	214.6	134.4	7.8	121.6
14:45:30	26 8.4	-90 47.8	34.2	-109.7	114.9	1620	160.8	2.0	0.2	841.9	76.7	26.4	19.3	12.0	12.0	-37.3
14:45:30	26 9.0	-90 49.2	32.3	-109.6	114.2	1611	93.4	2.1	0.1	846.2	76.7	26.2	18.9	14.1	14.1	-37.6
14:45:30	26 16.1	-90 52.2	0.0	0.0	0.0	257	18.2	-0.7	-14.7	77.0	84.0	-0.0	-6.7	50.0	50.0	62.8
00:07:19	26 9.1	-90 49.0	306.7	338.5	1494	1622	27.4	-5.2	-1.2	76.7	80.7	-0.5	215.0	130.3	8.1	121.8
14:46:00	26 6.6	-90 47.2	34.5	-110.7	115.9	1617	160.6	2.1	-1.7	842.1	77.3	26.7	19.5	9.7	9.7	-37.3
14:46:00	26 7.2	-90 48.6	32.7	-110.6	115.3	1608	93.2	2.2	-1.8	846.5	77.3	26.5	19.1	12.1	12.1	-37.6
14:46:00	26 16.1	-90 52.2	0.0	0.0	0.0	257	18.3	-1.0	-15.3	77.9	84.7	-0.0	-6.7	50.0	50.0	53.0
00:07:49	26 7.8	-90 48.6	307.0	334.3	1491	1620	27.3	-2.4	-0.4	77.3	81.3	-0.5	215.8	128.9	7.5	122.3

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
14:46:30	26 4.8	-90 46.5	35.8	-109.9	115.6	1619	160.1	2.1	-0.8	842.1	76.9	27.0	19.9	9.2	9.2	-37.3
14:46:30	26 5.4	-90 48.0	34.1	-109.8	115.0	1609	92.7	2.2	-0.9	846.4	76.9	26.8	19.4	11.4	11.4	-37.6
14:46:30	26 16.1	-90 52.2	0.0	0.0	0.0	257	18.7	-0.5	-14.9	77.2	84.2	-0.0	-6.7	50.0	50.0	50.2
00:08:19	26 5.8	-90 47.9	307.3	333.9	1491	1621	27.4	-5.9	-1.4	76.9	80.9	-0.5	215.3	127.8	7.7	122.0
14:47:00	26 3.0	-90 45.9	36.3	-108.7	114.6	1617	160.1	2.5	-0.8	842.3	75.7	26.1	19.1	10.4	10.4	-37.1
14:47:00	26 3.7	-90 47.4	34.8	-108.6	114.0	1609	92.7	2.6	-0.9	846.6	75.7	25.8	18.6	12.6	12.6	-37.6
14:47:00	26 16.1	-90 52.2	0.0	0.0	0.0	257	17.9	0.7	-14.3	76.0	83.0	-0.0	-6.6	50.0	50.0	57.3
00:08:49	26 4.1*	-90 47.3	306.5	335.1	1490	1618	27.4	-6.0	-1.3	75.7	79.6	-0.5	213.6	133.2	7.1	120.9
14:47:30	26 1.3	-90 45.2	36.4	-108.1	114.0	1619	159.9	2.1	-0.4	842.1	76.4	25.8	18.7	12.6	12.6	-37.1
14:47:30	26 1.9	-90 46.8	34.9	-108.0	113.5	1610	92.6	2.2	-0.5	846.4	76.4	25.6	18.3	14.0	14.0	-37.6
14:47:30	26 16.1	-90 52.2	0.0	0.0	0.0	257	17.6	-0.4	-14.4	76.6	83.6	-0.0	-6.7	50.0	50.0	68.0
00:09:19	26 1.9	-90 46.5	306.1	339.2	1492	1621	26.9	-6.3	-1.4	76.4	80.3	-0.5	214.6	135.6	8.2	121.5
14:48:00	25 59.5	-90 44.6	35.7	-108.3	114.0	1620	160.0	1.9	-0.5	841.9	78.0	26.2	19.0	12.6	12.6	-24.2
14:48:00	26 0.2	-90 46.2	34.4	-108.3	113.6	1609	92.7	2.0	-0.6	846.3	78.0	25.9	18.5	14.9	14.9	-37.6
14:48:00	26 16.1	-90 52.2	0.0	0.0	0.0	257	17.7	-1.5	-15.3	78.2	85.3	-0.0	-6.8	50.0	50.0	67.2
00:09:49	26 0.8	-90 46.2	306.3	339.5	1492	1622	27.2	-5.9	-1.5	77.9	82.0	-0.5	216.7	136.9	9.5	122.7
14:48:30	25 57.7	-90 43.9	36.0	-107.6	113.5	1618	160.0	2.1	-0.4	842.1	76.0	25.8	18.7	13.1	13.1	-23.8
14:48:30	25 58.4	-90 45.5	34.8	-107.7	113.1	1609	92.6	2.2	-0.5	846.4	76.0	25.5	18.3	15.3	15.3	-37.6
14:48:30	26 16.1	-90 52.2	0.0	0.0	0.0	257	17.6	-0.8	-14.9	76.4	83.3	-0.0	-6.6	50.0	50.0	70.2
00:10:19	25 59.0	-90 45.5	306.1	340.2	1491	1618	27.3	-4.6	-1.0	76.0	80.0	-0.5	214.1	138.1	8.3	121.2
14:49:00	25 56.0	-90 43.3	36.0	-107.4	113.3	1617	160.2	2.3	-1.0	842.4	74.9	26.1	19.1	12.7	12.7	-37.4
14:49:00	25 56.7	-90 44.9	34.9	-107.5	113.0	1608	92.8	2.4	-1.1	846.6	74.9	25.8	18.7	14.9	14.9	-37.6
14:49:00	26 16.1	-90 52.2	0.0	0.0	0.0	257	18.0	1.4	-13.9	75.2	82.1	-0.0	-6.5	50.0	50.0	66.9
00:10:49	25 57.1	-90 44.8	306.5	339.9	1490	1620	27.3	-5.6	-1.2	74.9	78.7	-0.5	212.5	138.3	7.6	120.4
14:49:30	25 54.3	-90 42.6	39.0	-105.7	112.6	1619	157.8	2.2	-3.6	842.3	74.5	26.3	19.4	12.6	12.6	27.9
14:49:30	25 54.9	-90 44.3	38.0	-105.7	112.4	1609	90.6	2.3	-3.7	846.5	74.5	26.1	19.0	14.8	14.8	28.9
14:49:30	26 16.1	-90 52.2	0.0	0.0	0.0	257	18.1	1.2	-14.2	74.9	81.7	-0.0	-6.5	50.0	50.0	65.2
00:11:19	25 54.8	-90 44.0	306.8	340.0	1491	1620	27.4	-3.8	-0.7	74.5	78.3	-0.5	212.0	132.7	8.3	120.1
14:50:00	25 52.6	-90 41.8	46.8	-101.6	111.8	1616	154.1	2.7	-0.8	842.6	72.5	26.1	19.4	12.6	12.6	26.4
14:50:00	25 53.2	-90 43.5	45.9	-101.6	111.5	1607	86.7	2.8	-0.9	846.7	72.6	25.8	18.9	15.0	15.0	25.9
14:50:00	26 16.1	-90 52.2	0.0	0.0	0.0	257	18.2	2.9	-13.4	72.9	79.7	-0.0	-6.3	50.0	50.0	65.6
00:11:49	25 53.6	-90 43.5	306.7	339.9	1489	1617	27.3	-6.1	-0.8	72.6	76.3	-0.5	209.2	131.6	7.3	118.6
14:50:30	25 51.0	-90 41.0	47.0	-101.1	111.5	1620	153.9	2.3	-0.6	842.2	73.2	26.1	19.3	12.6	12.6	22.5
14:50:30	25 51.6	-90 42.7	46.3	-101.2	111.3	1610	86.5	2.3	-0.7	846.3	73.2	25.8	18.9	14.8	14.8	21.8
14:50:30	26 16.1	-90 52.2	0.0	0.0	0.0	257	18.1	2.4	-12.9	73.5	80.3	-0.0	-6.4	50.0	50.0	65.6
00:12:19	25 51.7	-90 42.5	306.7	339.8	1493	1622	27.3	-6.4	-1.0	73.2	76.9	-0.5	210.1	133.8	8.1	119.1
14:51:00	25 49.3	-90 40.1	46.7	-101.1	111.4	1617	153.9	2.4	-0.6	842.4	72.4	25.8	19.1	12.5	12.5	19.1
14:51:00	25 50.0	-90 41.8	46.0	-101.3	111.2	1608	86.5	2.5	-0.7	846.5	72.4	25.6	18.6	14.8	14.8	19.1
14:51:00	26 16.1	-90 52.2	0.0	0.0	0.0	257	17.8	3.0	-13.0	72.7	79.5	-0.0	-6.3	50.0	50.0	66.0
00:12:49	25 49.9	-90 41.6	306.5	339.3	1491	1619	27.0	-6.6	-0.9	72.4	76.1	-0.5	209.0	129.8	7.7	118.4

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
14:51:30	25 47.7	-90 39.3	46.7	-101.4	111.7	1618	153.8	2.3	-0.5	842.4	73.1	25.8	19.0	12.2	12.2	17.7
14:51:30	25 48.3	-90 41.0	46.2	-101.6	111.6	1607	86.5	2.5	-0.6	846.6	73.1	25.5	18.6	14.5	14.5	17.6
14:51:30	26 16.1	-90 52.2	0.0	0.0	0.0	257	17.7	2.7	-12.7	73.4	80.2	-0.0	-6.4	50.0	50.0	65.1
00:13:19	25 48.6*	-90 41.0	306.4	338.6	1490	1620	19.2	-5.5	-0.8	73.1	76.9	-0.5	210.0	130.1	8.0	118.9
14:52:00	25 46.0	-90 38.5	46.4	-101.3	111.4	1617	153.8	2.6	-0.5	842.5	73.4	25.9	19.0	12.0	12.0	5.2
14:52:00	25 46.7	-90 40.2	46.0	-101.5	111.5	1606	86.5	2.7	-0.6	846.7	73.4	25.6	18.6	14.5	14.5	15.4
14:52:00	26 16.1	-90 52.2	0.0	0.0	0.0	257	17.8	1.5	-13.3	73.7	80.5	-0.0	-6.4	50.0	50.0	64.1
00:13:49	25 46.6	-90 39.9	306.4	338.2	1489	1618	27.3	-6.4	-1.1	73.4	77.1	-0.5	210.4	128.7	8.5	119.2
14:52:30	25 44.4	-90 37.7	45.7	-99.9	109.9	1618	153.9	2.7	-0.4	842.4	70.9	25.8	19.2	11.9	11.9	-23.9
14:52:30	25 45.0	-90 39.4	45.4	-100.2	110.0	1609	86.5	2.8	-0.5	846.4	70.9	25.5	18.8	13.9	13.9	14.0
14:52:30	26 16.1	-90 52.2	0.0	0.0	0.0	257	17.9	3.7	-12.7	71.1	77.9	-0.0	-6.2	50.0	50.0	62.8
00:14:19	25 45.0	-90 39.1	306.6	338.1	1492	1620	27.2	-7.4	-0.7	70.9	74.4	-0.5	206.9	127.1	8.3	117.2
14:53:00	25 42.8	-90 36.8	45.8	-99.7	109.7	1620	154.0	2.6	-0.6*	842.3	71.0	24.9	18.4	14.2	14.2	-23.5
14:53:00	25 43.4	-90 38.6	45.7	-99.9	109.9	1609	86.6	2.7	-0.7*	846.3	71.0	24.7	17.9	15.8	15.8	12.3
14:53:00	26 16.1	-90 52.2	0.0	0.0	0.0	257	17.3	2.7	-12.6	71.3	78.0	-0.0	-6.2	50.0	50.0	77.7
00:14:49	25 43.8	-90 38.5	305.7	342.3	1493	1618	27.0	-5.1	-0.8	71.0	74.6	-0.5	207.0	133.7	8.0	117.2
14:53:30	25 41.2	-90 36.0	48.5	-98.9	110.2	1616	152.3	2.7	-0.8	842.6	71.7	25.4	18.7	13.1	13.1	-24.3
14:53:30	25 41.8	-90 37.7	48.6	-99.2	110.4	1607	85.0	2.8	-0.9	846.7	71.7	25.1	18.3	15.3	15.3	-37.6
14:53:30	26 16.1	-90 52.2	0.0	0.0	0.0	257	17.5	4.4	-12.4	72.1	78.9	-0.0	-6.3	50.0	50.0	70.3
00:15:19	25 42.0	-90 37.6	306.1	340.1	1489	1622	27.2	-5.8	0.1	71.8	75.4	-0.5	208.0	128.9	8.3	117.8
14:54:00	25 39.6	-90 35.1	49.4	-99.8	111.4	1620	151.8	2.0	-0.5	842.1	73.0	25.6	18.8	13.7	13.7	-24.0
14:54:00	25 40.2	-90 36.8	49.6	-100.1	111.7	1610	84.5	2.1	-0.5	846.3	73.0	25.3	18.3	15.6	15.6	-37.5
14:54:00	26 16.1	-90 52.2	0.0	0.0	0.0	257	17.5	2.5	-13.0	73.4	80.1	-0.0	-6.4	50.0	50.0	72.9
00:15:49	25 40.7	-90 36.9	306.2	341.6	1493	1625	27.3	-4.9	-0.5	73.0	76.7	-0.5	209.9	124.8	8.5	118.9
14:54:30	25 37.9	-90 34.2	49.9	-100.6	112.3	1617	151.9	2.3	-0.4	842.4	74.4	25.8	18.9	13.1	13.1	-23.3
14:54:30	25 38.5	-90 35.9	50.2	-100.9	112.7	1607	84.5	2.4	-0.5	846.6	74.4	25.5	18.4	15.4	15.4	-37.6
14:54:30	26 16.1	-90 52.2	0.0	0.0	0.0	257	17.6	0.7	-13.9	74.7	81.5	-0.0	-6.5	50.0	50.0	69.6
00:00:00	25 38.6	-90 35.8	306.2	340.3	1490	1619	27.3	-4.7	-1.0	74.4	78.1	-0.5	211.8	127.3	8.4	119.9
14:55:00	25 36.3	-90 33.3	52.6	-99.1	112.1	1619	150.3	2.3	-0.7	842.2	74.1	25.7	18.8	10.9	10.9	-23.2
14:55:00	25 36.9	-90 35.0	53.0	-99.4	112.6	1610	82.9	2.4	-0.9	846.4	74.1	25.4	18.3	13.2	13.2	-37.6
14:55:00	26 16.1	-90 52.2	0.0	0.0	0.0	257	17.6	0.5	-14.0	74.4	81.2	-0.0	-6.5	50.0	50.0	60.7
00:00:00	25 36.8	-90 34.7	306.2	335.8	1492	1621	27.2	-5.6	-1.3	74.1	77.8	-0.5	211.4	124.2	8.4	119.7
14:55:30	25 34.7	-90 32.3	52.8	-99.4	112.6	1617	150.1	2.1	-0.5	842.1	76.1	26.3	19.2	10.4	10.4	-23.9
14:55:30	25 35.3	-90 34.0	53.4	-99.8	113.2	1609	82.8	2.3	-0.7	846.4	76.1	26.0	18.7	12.7	12.7	-37.6
14:55:30	26 16.1	-90 52.2	0.0	0.0	0.0	257	17.9	-0.5	-14.6	76.4	83.3	-0.0	-6.6	50.0	50.0	57.0
00:00:00	25 35.4	-90 33.9	306.6	335.3	1491	1621	27.4	-5.0	-1.2	76.1	80.0	-0.5	214.1	126.2	9.5	121.3
14:56:00	25 33.0	-90 31.5	36.0	-106.7	112.6	1618	158.8	2.3	-0.6	842.3	74.9	25.9	18.9	10.7	10.7	-23.5
14:56:00	25 33.6	-90 33.2	36.7	-107.1	113.2	1608	91.4	2.4	-0.7	846.5	74.9	25.6	18.5	12.9	12.9	-37.5
14:56:00	0 0.0	0 0.0	0.0	0.0	0.0	0	17.9	0.5	-14.6	75.2	82.1	-0.0	-6.5	50.0	50.0	59.4
00:00:00	25 33.5	-90 32.9	306.3	335.5	1491	1620	27.3	-5.6	-1.2	74.9	78.8	-0.5	212.6	124.4	9.4	120.3

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
14:56:30	25 31.4	-90 30.7	53.0	-97.3	110.8	1615	149.8	2.7	-2.2	842.7	72.3	25.8	19.1	9.9	9.9	-23.7
14:56:30	25 31.9	-90 32.4	53.8	-97.7	111.6	1605	82.5	2.8	-2.3	846.7	72.3	25.5	18.6	12.5	12.5	-37.5
14:56:30	0 0.0	0 0.0	0.0	0.0	0.0	0	17.9	4.2	-13.2	72.6	79.4	-0.0	-6.3	50.0	50.0	55.4
00:00:00	25 32.2	-90 32.4	306.5	334.2	1489	1618	27.3	-6.1	0.3	72.3	76.0	-0.5	208.9	125.5	8.2	118.2
14:57:00	25 29.8	-90 29.8	46.8	-100.5	110.8	1619	152.9	2.3	0.6	842.3	72.8	25.7	18.9	10.5	10.5	-23.8
14:57:00	25 30.3	-90 31.5	47.7	-100.9	111.6	1609	85.6	2.4	0.4	846.4	72.9	25.4	18.4	12.6	12.6	-37.6
14:

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
15:01:30	25 15.2	-90 22.5	44.0	-99.6	108.9	1619	153.8	2.2	-0.3	842.3	72.5	25.7	19.0	12.9	12.9	-23.2
15:01:30	25 15.7	-90 24.0	45.9	-100.2	110.3	1609	86.6	2.3	-0.4	846.4	72.5	25.5	18.6	15.2	15.2	12.8
15:01:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.8	2.0	-13.3	72.8	79.5	-0.0	-6.3	50.0	50.0	68.4
00:23:18	25 15.5	-90 23.7	306.4	340.2	1492	1620	27.0	-6.0	-1.1	72.5	76.2	-0.5	209.1	127.5	10.8	118.5
15:02:00	25 13.6	-90 21.8	44.0	-100.2	109.4	1618	154.0	2.3	-0.6	842.4	72.5	25.8	19.0	12.7	12.7	-23.8
15:02:00	25 14.1	-90 23.1	46.0	-100.9	110.9	1609	86.6	2.4	-0.7	846.4	72.5	25.5	18.6	14.7	14.7	11.6
15:02:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.8	1.9	-13.4	72.9	79.6	-0.0	-6.3	50.0	50.0	67.0
00:23:48	25 13.9	-90 22.9	306.4	339.6	1491	1620	27.0	-5.4	-0.9	72.5	76.2	-0.5	209.2	126.6	10.3	118.5
15:02:30	25 12.0	-90 21.0	44.2	-100.5	109.8	1618	154.1	2.4	-0.7	842.4	72.7	25.5	18.7	13.3	13.3	-23.6
15:02:30	25 12.4	-90 22.3	46.3	-101.2	111.3	1607	86.8	2.4	-0.8	846.5	72.7	25.2	18.3	15.6	15.6	-37.5
15:02:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.5	2.2	-13.2	73.0	79.8	-0.0	-6.3	50.0	50.0	71.4
00:24:18	25 12.7	-90 22.3	306.1	340.7	1491	1619	27.1	-5.9	-0.9	72.7	76.5	-0.5	209.5	127.5	9.9	118.6
15:03:00	25 10.3	-90 20.2	44.0	-99.6	108.9	1617	154.0	2.6	-0.5	842.5	71.7	26.4	19.7	8.2	8.2	-24.0
15:03:00	25 10.8	-90 21.5	46.2	-100.3	110.5	1608	86.6	2.7	-0.7	846.6	71.7	26.1	19.2	10.8	10.8	-37.6
15:03:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.4	3.2	-13.0	72.0	78.7	-0.0	-6.3	50.0	50.0	47.5
00:24:48	25 10.6	-90 21.2	307.1	331.9	1490	1619	27.4	-6.4	-0.5	71.7	75.3	-0.5	208.0	126.4	10.1	117.8
15:03:30	25 8.7	-90 19.4	44.3	-99.5	108.9	1619	154.1	2.3	-0.8	842.3	71.4	26.3	19.6	9.3	9.3	-23.2
15:03:30	25 9.2	-90 20.7	46.7	-100.3	110.6	1609	86.8	2.4	-1.0	846.3	71.4	26.0	19.2	11.9	11.9	-37.6
15:03:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.4	2.7	-13.3	71.8	78.5	-0.0	-6.2	50.0	50.0	51.5
00:25:18	25 9.3	-90 20.6	307.1	333.8	1492	1620	27.3	-5.1	-0.6	71.4	75.1	-0.5	207.6	130.1	9.6	117.7
15:04:00	25 7.1	-90 18.6	44.5	-99.9	109.3	1618	153.9	2.4	-0.3	842.4	71.8	26.1	19.4	10.2	10.2	-23.6
15:04:00	25 7.5	-90 19.8	46.9	-100.6	111.0	1609	86.6	2.4	-0.4	846.4	71.8	25.8	18.9	12.4	12.4	-37.6
15:04:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.2	3.0	-13.0	72.1	78.9	-0.0	-6.3	50.0	50.0	55.3
00:25:48	25 7.7	-90 19.8	306.8	335.0	1492	1620	27.2	-6.4	-0.8	71.8	75.5	-0.5	208.1	126.4	9.8	117.9
15:04:30	25 5.5	-90 17.8	44.1	-99.9	109.2	1617	154.0	2.4	-0.6	842.5	71.3	25.9	19.2	10.7	10.7	-23.9
15:04:30	25 5.9	-90 19.0	46.6	-100.7	110.9	1607	86.7	2.5	-0.7	846.6	71.3	25.6	18.8	13.0	13.0	-37.6
15:04:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.0	3.7	-12.8	71.6	78.4	-0.0	-6.2	50.0	50.0	58.0
00:26:18	25 5.9	-90 18.9	306.6	335.8	1490	1619	27.1	-5.9	-0.0	71.3	75.0	-0.5	207.5	125.9	9.5	117.5
15:05:00	25 3.9	-90 17.0	44.0	-99.9	109.1	1616	153.9	2.5	-0.5	842.6	72.1	25.6	18.9	12.3	12.3	-23.9
15:05:00	25 4.2	-90 18.2	46.6	-100.7	110.9	1607	86.5	2.6	-0.7	846.7	72.1	25.3	18.4	14.8	14.8	-37.5
15:05:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.7	2.7	-12.9	72.4	79.2	-0.0	-6.3	50.0	50.0	66.2
00:26:48	25 4.4	-90 18.1	306.2	338.7	1489	1620	27.0	-5.9	-0.6	72.1	75.8	-0.5	208.6	125.7	10.2	118.1
15:05:30	25 2.2	-90 16.2	43.7	-99.9	109.1	1617	153.7	2.4	-0.3	842.4	72.2	25.4	18.7	12.6	12.6	-23.5
15:05:30	25 2.6	-90 17.3	46.4	-100.7	110.9	1608	86.5	2.5	-0.4	846.5	72.2	25.1	18.2	14.8	14.8	-37.5
15:05:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.6	2.2	-13.2	72.6	79.3	-0.0	-6.3	50.0	50.0	68.2
00:27:18	25 2.8	-90 17.3	306.0	339.0	1491	1621	26.9	-5.6	-0.9	72.3	75.9	-0.5	208.8	123.7	10.6	118.2
15:06:00	25 0.6	-90 15.5	43.7	-99.6	108.7	1618	153.9	2.4	-0.5	842.4	71.4	25.5	18.9	12.4	12.4	-23.1
15:06:00	25 1.0	-90 16.5	46.5	-100.4	110.6	1608	86.6	2.5	-0.6	846.3	71.5	25.2	18.4	14.5	14.5	-37.6
15:06:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.6	2.2	-13.4	71.7	78.4	-0.0	-6.2	50.0	50.0	66.7
00:00:00	25 0.8	-90 16.3	306.2	338.9	1493	1621	26.9	-5.9	-1.0	71.5	75.1	-0.5	207.7	125.5	10.1	117.6

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
15:06:30	24 59.0	-90 14.7	43.7	-99.3	108.5	1616	154.1	2.5	-0.7	842.4	72.8	25.5	18.7	13.6	13.6	-23.4
15:06:30	24 59.4	-90 15.7	46.5	-100.1	110.4	1608	86.7	2.5	-0.8	846.5	72.8	25.2	18.3	15.7	15.7	-37.6
15:06:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.6	2.1	-13.6	73.1	79.9	-0.0	-6.3	50.0	50.0	72.7
00:00:00	24 59.4	-90 15.6	306.1	341.3	1491	1619	27.0	-5.0	-0.7	72.8	76.6	-0.5	209.5	131.2	11.1	118.7
15:07:00	24 57.4	-90 13.9	43.6	-99.2	108.4	1618	153.8	2.4	-0.4	842.3	72.2	25.6	18.9	10.9	10.9	-37.3
15:07:00	24 57.7	-90 14.8	46.6	-100.0	110.3	1608	86.5	2.5	-0.5	846.4	72.2	25.4	18.5	13.4	13.4	-37.6
15:07:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.6	2.4	-13.3	72.6	79.3	-0.0	-6.3	50.0	50.0	60.2
00:00:00	24 57.5	-90 14.6	306.3	336.0	1492	1620	26.9	-5.4	-0.7	72.3	75.9	-0.5	208.8	127.6	11.0	118.2
15:07:30	24 55.8	-90 13.1	43.2	-99.4	108.4	1618	153.8	2.3	-0.5	842.4	73.1	25.4	18.6	13.3	13.3	-37.4
15:07:30	24 56.1	-90 14.0	46.2	-100.2	110.4	1610	86.5	2.5	-0.6	846.5	73.1	25.1	18.2	15.6	15.6	-37.6
15:07:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.5	1.0	-13.7	73.4	80.2	-0.0	-6.4	50.0	50.0	71.9
00:00:00	24 56.1	-90 13.9	305.9	340.5	1491	1619	26.9	-6.2	-1.4	73.1	76.9	-0.5	210.1	126.3	12.0	118.9
15:08:00	24 54.2	-90 12.4	42.7	-99.1	107.9	1617	153.9	2.5	-0.6	842.6	71.4	25.5	18.9	11.0	11.0	-18.2
15:08:00	24 54.5	-90 13.2	45.7	-100.0	110.0	1607	86.6	2.6	-0.7	846.6	71.4	25.2	18.4	13.1	13.1	26.8
15:08:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.5	3.2	-13.3	71.9	78.5	-0.0	-6.2	50.0	50.0	60.8
00:00:00	24 54.4	-90 13.1	306.2	336.1	1490	1618	26.9	-4.5	-0.1	71.5	75.1	-0.5	207.6	125.3	11.1	117.5
15:08:30	24 52.6	-90 11.6	42.5	-99.1	107.8	1615	154.0	2.8	-0.6	842.7	71.1	25.2	18.6	11.3	11.3	-37.4
15:08:30	24 52.8	-90 12.4	45.6	-99.9	109.9	1605	86.7	2.9	-0.7	846.7	71.1	24.9	18.1	13.5	13.5	14.6
15:08:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.4	4.3	-12.4	71.4	78.2	-0.0	-6.2	50.0	50.0	62.9
00:00:00	24 52.8	-90 12.3	305.9	336.2	1489	1617	26.8	-5.9	0.3	71.1	74.7	-0.5	207.2	123.8	11.0	117.2
15:09:00	24 51.0	-90 10.9	42.8	-98.6	107.5	1616	154.2	2.8	-0.6	842.6	70.3	25.3	18.8	11.4	11.4	-3.5
15:09:00	24 51.2	-90 11.6	45.9	-99.5	109.6	1607	86.8	2.9	-0.7	846.7	70.3	25.0	18.3	13.7	13.7	19.2
15:09:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.6	4.5	-12.4	70.6	77.3	-0.0	-6.1	50.0	50.0	62.6
00:00:00	24 51.6	-90 11.7	306.1	336.6	1489	1619	27.1	-6.7	-0.0	70.3	73.9	-0.5	206.0	125.3	10.4	116.6
15:09:30	24 49.4	-90 10.1	43.2	-98.6	107.7	1621	153.9	2.3	-0.6	842.1	72.0	25.4	18.7	10.5	10.5	-35.5
15:09:30	24 49.6	-90 10.7	46.4	-99.5	109.8	1612	86.6	2.4	-0.7	846.2	72.0	25.1	18.3	12.8	12.8	16.5
15:09:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.4	2.2	-13.1	72.3	79.0	-0.0	-6.3	50.0	50.0	59.2
00:00:00	24 49.8	-90 10.8	306.1	334.9	1494	1620	27.1	-5.3	-0.8	72.0	75.6	-0.5	208.4	128.6	11.4	118.0
15:10:00	24 47.8	-90 9.3	46.5	-98.1	108.5	1618	152.0	2.4	-0.8	842.5	72.4	25.6	18.9	10.5	10.5	-37.4
15:10:00	24 48.0	-90 9.9	49.7	-99.0	110.8	1608	84.7	2.5	-0.8	846.6	72.4	25.3	18.4	12.8	12.8	14.8
15:10:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.5	2.1	-13.1	72.7	79.5	-0.0	-6.3	50.0	50.0	58.5
00:00:00	24 48.0	-90 9.9	306.2	335.0	1490	1618	27.0	-5.6	-1.0	72.4	76.1	-0.5	209.0	123.3	11.2	118.3
15:10:30	24 46.2	-90 8.5	46.9	-97.9	108.5	1619	152.2	2.3	-0.7	842.3	73.6	26.4	19.5	9.7	9.7	9.4
15:10:30	24 46.4	-90 9.0	50.2	-98.8	110.8	1609	84.9	2.4	-0.9	846.5	73.6	26.1	19.1	11.1	11.1	13.1
15:10:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.2	1.8	-13.4	73.9	80.8	-0.0	-6.4	50.0	50.0	53.1
00:00:00	24 46.8	-90 9.2	306.9	334.3	1491	1619	27.1	-6.2	-1.1	73.6	77.4	-0.5	210.7	129.1	11.8	119.4
15:11:00	24 44.6	-90 7.6	47.3	-98.1	108.9	1617	151.9	2.5	-0.7	842.6	73.2	25.6	18.8	13.0	13.0	-7.7
15:11:00	24 44.8	-90 8.1	50.7	-99.0	111.2	1605	84.6	2.6	-0.8	846.7	73.3	25.3	18.3	14.6	14.6	11.7
15:11:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.7	1.9	-13.4	73.6	80.4	-0.0	-6.4	50.0	50.0	69.8
00:00:00	24 44.6	-90 8.0	306.1	340.1	1489	1618	26.9	-5.6	-1.1	73.3	77.1	-0.5	210.2	126.8	11.2	119.0

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
15:11:30	24 43.0	-90 6.8	47.7	-98.1	109.1	1622	152.0	2.1	-0.4	842.0	74.1	24.9	18.1	14.0	14.0	-37.3
15:11:30	24 43.2	-90 7.2	51.1	-99.0	111.4	1611	84.7	2.3	-0.5	846.2	74.1	24.7	17.6	16.1	16.1	10.7
15:11:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	16.9	-0.2	-14.4	74.4	81.2	-0.0	-6.5	50.0	50.0	77.7
00:00:00	24 42.9	-90 7.1	305.4	341.4	1494	1622	26.6	-5.4	-1.2	74.1	77.9	-0.5	211.4	130.1	11.4	119.6
15:12:00	24 41.4	-90 5.9	47.9	-98.0	109.1	1621	151.6	2.2	-0.4	842.0	74.6	25.4	18.5	12.1	12.1	-37.3
15:12:00	24 41.6	-90 6.3	51.3	-99.0	111.5	1611	84.3	2.3	-0.5	846.3	74.6	25.1	18.0	14.3	14.3	-25.0
15:12:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.1	-1.1	-15.0	75.1	81.7	-0.0	-6.5	50.0	50.0	66.9
00:00:00	24 41.3	-90 6.2	305.8	337.8	1493	1622	26.9	-3.3	-0.6	74.6	78.5	-0.5	212.1	129.9	11.8	120.0
15:12:30	24 39.8	-90 5.1	47.7	-98.1	109.1	1617	151.6	2.6	-0.2	842.6	73.5	25.6	18.8	11.9	11.9	-37.3
15:12:30	24 40.0	-90 5.4	51.2	-99.1	111.5	1606	84.3	2.7	-0.3	846.7	73.5	25.4	18.4	14.1	14.1	-37.6
15:12:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.6	0.5	-14.1	73.9	80.6	-0.0	-6.4	50.0	50.0	64.7
00:00:00	24 40.2	-90 5.5	306.2	337.8	1489	1620	27.0	-4.3	-0.8	73.5	77.3	-0.5	210.5	126.7	11.1	119.2
15:13:00	24 38.2	-90 4.2	46.7	-98.7	109.2	1622	152.0	2.2	-0.3	842.2	73.5	25.1	18.3	13.6	13.6	-37.1
15:13:00	24 38.3	-90 4.5	50.1	-99.6	111.5	1610	84.6	2.3	-0.5	846.4	73.6	24.8	17.8	15.9	15.9	-37.6
15:13:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.1	0.2	-14.3	73.9	80.7	-0.0	-6.4	50.0	50.0	75.1
00:34:49	24 38.9	-90 4.8	305.6	340.9	1492	1622	26.8	-5.4	-1.2	73.5	77.4	-0.5	210.6	123.5	11.5	119.2
15:13:30	24 36.6	-90 3.4	47.0	-99.4	110.0	1619	151.9	2.1	-0.4	842.4	74.0	25.5	18.6	12.7	12.7	-37.2
15:13:30	24 36.7	-90 3.6	50.4	-100.3	112.3	1607	84.6	2.2	-0.4	846.6	74.0	25.3	18.2	15.0	15.0	-37.6
15:13:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.3	0.2	-14.5	74.4	81.2	-0.0	-6.5	50.0	50.0	68.8
00:35:19	24 36.5	-90 3.5	306.0	339.1	1490	1618	26.8	-4.6	-1.0	74.0	77.9	-0.5	211.3	122.5	11.2	119.6
15:14:00	24 35.0	-90 2.6	48.1	-99.5	110.5	1621	152.0	1.9	-0.8	842.0	75.5	26.3	19.3	9.3	9.3	-35.5
15:14:00	24 35.1	-90 2.7	51.5	-100.4	112.9	1609	84.7	2.0	-0.9	846.3	75.5	26.0	18.8	11.5	11.5	-37.6
15:14:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.0	-1.9	-14.7	75.8	82.7	-0.0	-6.6	50.0	50.0	52.8
00:35:49	24 35.3	-90 2.9	306.7	333.5	1493	1621	27.1	-6.1	-1.6	75.5	79.4	-0.5	213.4	128.0	11.4	120.8
15:14:30	24 33.4	-90 1.7	47.9	-99.7	110.6	1621	152.0	2.1	-0.6	842.1	75.8	25.9	18.9	9.3	9.3	-35.4
15:14:30	24 33.5	-90 1.8	51.4	-100.6	113.0	1609	84.7	2.2	-0.7	846.5	75.8	25.7	18.4	11.6	11.6	-37.6
15:14:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.6	-1.5	-15.2	76.2	83.0	-0.0	-6.6	50.0	50.0	54.1
00:36:19	24 33.3	-90 1.7	306.3	333.0	1491	1618	27.0	-5.2	-1.2	75.8	79.8	-0.5	213.8	128.0	11.4	121.0
15:15:00	24 31.8	-90 0.9	48.0	-99.1	110.1	1620	152.0	2.2	-0.5	842.2	75.8	26.2	19.1	8.9	8.9	-28.8
15:15:00	24 31.8	-90 0.9	51.5	-100.0	112.5	1608	84.6	2.3	-0.6	846.5	75.9	25.9	18.7	11.2	11.2	-37.6
15:15:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.9	-1.3	-15.2	76.2	83.1	-0.0	-6.6	50.0	50.0	51.8
00:36:49	24 31.6	-90 0.8	306.5	332.5	1491	1618	27.0	-4.9	-1.2	75.8	79.8	-0.5	213.8	130.3	11.8	121.0
15:15:30	24 30.2	-90 0.0	47.7	-99.3	110.1	1619	151.9	2.2	-0.5	842.3	75.3	25.7	18.7	10.2	10.2	-32.1
15:15:30	24 30.2	-89 59.9	51.1	-100.2	112.5	1608	84.6	2.3	-0.6	846.5	75.3	25.5	18.3	12.5	12.5	-37.6
15:15:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.7	-1.1	-15.1	75.7	82.5	-0.0	-6.6	50.0	50.0	57.7
00:37:19	24 30.1	-89 60.0	306.1	334.3	1491	1618	26.8	-5.2	-1.2	75.3	79.3	-0.5	213.1	126.5	11.7	120.6
15:16:00	24 28.5	-89 59.5	-28.1	-110.6	114.1	1624	190.3*	2.1	25.2	841.5	73.4	25.3	18.5	11.9	11.9	-24.8
15:16:00	24 28.5	-89 59.4	-24.7	-111.6	114.3	1612	122.9*	2.2	25.1	846.3	73.4	25.0	18.0	14.3	14.3	-37.6
15:16:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.7	7.3	-11.4	73.7	80.8	-0.0	-6.4	50.0	50.0	66.1
00:37:49	24 28.3	-89 59.4	305.8	337.4	1493	1622	26.8	-7.3	-0.5	73.5	77.8	-0.5	210.5	128.5	11.0	119.1

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
15:16:30	24 27.2	-90 1.1	-124.4	-21.3	126.2	1618	256.9*	2.9	24.9	842.0	72.1	25.3	18.6	10.8	10.8	-24.9
15:16:30	24 27.2	-90 0.9	-121.1	-22.4	123.1	1605	189.5*	3.0	24.8	846.8	72.1	25.0	18.2	12.9	12.9	-37.6
15:16:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.0	8.7	-11.7	72.7	79.5	-0.0	-6.3	50.0	50.0	60.8
00:38:19	24 27.2	-90 0.4	305.9	335.3	1488	1616	26.8	-4.4	-0.6	72.2	76.6	-0.5	208.6	124.7	11.9	118.0
15:17:00	24 27.9	-90 3.1	-80.7	101.5	129.7	1621	323.9*	2.4	24.9	841.7	71.4	24.9	18.3	11.3	11.3	-24.1
15:17:00	24 27.9	-90 2.8	-77.5	100.5	126.9	1611	256.5*	2.6	24.9	846.5	71.5	24.6	17.8	13.5	13.5	-37.5
15:

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
15:21:30	24 42.7	-89 54.1	59.6	107.0	122.5	1618	34.3	2.5	-0.2	842.6	74.3	25.4	18.5	12.4	12.4	-23.5
15:21:30	24 42.6	-89 53.3	62.4	106.2	123.2	1608	327.0	2.6	-0.3	846.8	74.3	25.1	18.1	14.7	14.7	-37.6
15:21:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.3	1.0	-13.9	74.6	81.4	-0.0	-6.5	50.0	50.0	68.0
00:43:19	24 42.0*	-89 53.7*	305.8	338.3	1488	1619	26.5	-6.2	-1.3	74.3	78.1	-0.5	211.6	136.4	10.8	119.7
15:22:00	24 44.5	-89 53.0	59.7	107.0	122.5	1621	34.1	2.2	-0.5	842.2	74.8	25.9	18.9	12.3	12.3	-23.5
15:22:00	24 44.3	-89 52.2	62.5	106.2	123.2	1611	326.9	2.3	-0.6	846.5	74.8	25.6	18.5	14.3	14.3	-37.6
15:22:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.7	-0.2	-14.8	75.3	81.9	-0.0	-6.5	50.0	50.0	65.7
00:43:49	24 43.8	-89 52.6	306.3	338.7	1491	1621	26.9	-3.0	-0.5	74.8	78.7	-0.5	212.4	133.9	11.0	120.3
15:22:30	24 46.2	-89 51.9	59.7	106.5	122.1	1621	34.2	2.3	-0.3	842.2	74.1	25.8	18.9	11.1	11.1	-23.5
15:22:30	24 46.0	-89 51.1	62.4	105.7	122.7	1610	326.9	2.4	-0.4	846.5	74.1	25.5	18.4	13.3	13.3	-37.6
15:22:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.6	-0.4	-14.9	74.5	81.2	-0.0	-6.5	50.0	50.0	61.0
00:44:19	24 45.8	-89 51.3	306.2	336.2	1491	1618	27.1	-5.0	-1.2	74.1	78.0	-0.5	211.4	135.0	10.4	119.7
15:23:00	24 47.9	-89 50.9	60.3	106.7	122.6	1620	34.2	2.0	-0.6	842.3	74.7	25.6	18.6	11.6	11.6	-23.8
15:23:00	24 47.8	-89 50.0	63.0	106.0	123.3	1610	326.9	2.1	-0.7	846.5	74.7	25.3	18.2	14.0	14.0	-37.6
15:23:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.6	-0.4	-14.5	75.0	81.8	-0.0	-6.5	50.0	50.0	64.1
00:44:49	24 47.1	-89 50.5	306.0	337.0	1491	1618	27.0	-5.5	-1.3	74.7	78.5	-0.5	212.3	136.1	10.1	120.1
15:23:30	24 49.7	-89 49.8	56.0	110.6	123.9	1620	31.2	2.1	-0.9	842.2	75.7	26.0	18.9	10.9	10.9	-24.0
15:23:30	24 49.5	-89 48.9	58.6	109.8	124.5	1611	323.9	2.2	-1.1	846.6	75.8	25.7	18.5	13.0	13.0	-37.5
15:23:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.7	-1.2	-15.2	76.1	82.9	-0.0	-6.6	50.0	50.0	59.8
00:45:19	24 49.4	-89 49.1	306.3	335.8	1490	1621	27.2	-4.2	-0.9	75.7	79.7	-0.5	213.7	137.1	9.7	121.0
15:24:00	24 51.5	-89 48.9	55.5	110.4	123.5	1624	31.0	2.1	-0.6	842.1	74.6	25.4	18.5	12.2	12.2	-24.3
15:24:00	24 51.3	-89 47.9	57.9	109.7	124.0	1614	323.7	2.2	-0.7	846.3	74.6	25.2	18.1	14.6	14.6	-37.6
15:24:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.2	0.1	-14.5	74.9	81.7	-0.0	-6.5	50.0	50.0	67.1
00:45:49	24 51.1	-89 48.1	305.9	338.0	1493	1623	26.8	-5.3	-1.2	74.5	78.3	-0.5	212.0	140.5	9.6	120.0
15:24:30	24 53.3	-89 47.9	56.3	110.5	124.0	1622	30.9	2.0	-0.7	842.0	75.8	25.6	18.6	11.0	11.0	-24.2
15:24:30	24 53.1	-89 46.8	58.7	109.8	124.5	1612	323.7	2.1	-0.8	846.4	75.8	25.3	18.1	13.3	13.3	-37.6
15:24:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.5	-1.7	-15.4	76.2	83.0	-0.0	-6.6	50.0	50.0	61.8
00:46:19	24 53.0	-89 47.0	305.9	335.7	1492	1623	26.7	-4.7	-1.2	75.8	79.8	-0.5	213.8	139.3	8.9	121.0
15:25:00	24 55.1	-89 46.9	56.3	111.2	124.6	1623	30.7	2.0	-0.4	842.0	77.6	25.4	18.3	11.7	11.7	-23.5
15:25:00	24 54.9	-89 45.8	58.6	110.5	125.1	1612	323.4	2.0	-0.5	846.6	77.6	25.2	17.8	14.1	14.1	28.1
15:25:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.2	-2.8	-15.8	78.2	85.0	-0.0	-6.8	50.0	50.0	66.1
00:46:49	24 54.7	-89 46.1	305.6	336.7	1490	1622	26.8	-1.0	0.1	77.6	81.5	-0.5	216.3	133.9	9.2	122.3
15:25:30	24 56.9	-89 45.9	57.2	112.3	126.1	1624	31.0	1.7	-0.5	842.0	78.4	25.4	18.2	12.4	12.4	-23.5
15:25:30	24 56.7	-89 44.7	59.5	111.7	126.5	1612	323.7	1.8	-0.6	846.5	78.5	25.2	17.7	14.7	14.7	19.8
15:25:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.1	-3.6	-15.9	78.8	85.7	-0.0	-6.8	50.0	50.0	69.6
00:47:19	24 56.1*	-89 45.2*	305.5	338.1	1491	1625	26.9	-5.1	-1.3	78.4	82.5	-0.5	217.4	139.2	9.2	122.9
15:26:00	24 58.7	-89 44.8	57.2	112.6	126.3	1625	31.1	1.8	-0.6	841.9	78.3	25.4	18.2	13.1	13.1	-23.9
15:26:00	24 58.5	-89 43.7	59.3	112.0	126.8	1613	323.8	2.0	-0.7	846.4	78.3	25.2	17.7	15.1	15.1	17.0
15:26:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.1	-4.8	-16.9	78.6	85.6	-0.0	-6.8	50.0	50.0	72.7
00:47:49	24 57.8	-89 44.3	305.5	339.5	1492	1622	26.8	-5.6	-1.5	78.2	82.4	-0.5	217.2	140.7	9.5	122.8

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
15:26:30	25 0.5	-89 43.8	57.3	112.2	126.0	1623	31.1	2.0	-0.6	842.0	78.4	25.9	18.7	11.7	11.7	-23.6
15:26:30	25 0.3	-89 42.6	59.3	111.6	126.4	1610	323.9	2.1	-0.7	846.6	78.4	25.7	18.2	13.7	13.7	15.0
15:26:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.4	-4.3	-17.1	78.9	85.7	-0.0	-6.8	50.0	50.0	64.2
00:48:19	24 59.5*	-89 43.3*	306.0	337.1	1490	1623	26.9	-3.7	-0.8	78.3	82.5	-0.5	217.3	138.2	9.4	123.0
15:27:00	25 2.4	-89 42.8	56.9	111.8	125.4	1623	31.1	2.0	-0.7	842.1	77.0	25.9	18.8	11.9	11.9	-23.4
15:27:00	25 2.1	-89 41.6	58.9	111.2	125.8	1612	323.8	2.1	-0.8	846.6	77.0	25.7	18.3	14.3	14.3	13.3
15:27:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.5	-3.1	-16.1	77.4	84.2	-0.0	-6.7	50.0	50.0	64.5
00:48:49	25 1.6	-89 42.1	306.2	337.7	1490	1623	27.3	-4.3	-1.0	76.9	81.1	-0.5	215.4	140.8	9.6	121.9
15:27:30	25 4.2	-89 41.8	56.4	111.1	124.6	1620	31.3	2.2	-0.7	842.4	76.9	26.2	19.0	11.1	11.1	-23.5
15:27:30	25 3.9	-89 40.5	58.3	110.5	125.0	1609	324.0	2.3	-0.8	846.7	76.9	25.9	18.6	13.5	13.5	12.3
15:27:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.8	-2.6	-16.1	77.1	84.1	-0.0	-6.7	50.0	50.0	60.4
00:49:19	25 3.5	-89 41.0	306.4	336.4	1489	1622	27.3	-5.4	-1.4	76.8	80.8	-0.5	215.2	135.9	9.6	121.8
15:28:00	25 6.0	-89 40.8	56.3	109.9	123.5	1623	30.7	2.0	-0.1	842.3	73.6	25.5	18.6	11.9	11.9	-23.9
15:28:00	25 5.7	-89 39.5	58.1	109.4	123.8	1613	323.5	2.2	-0.3	846.5	73.6	25.2	18.2	13.9	13.9	11.2
15:28:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.3	-0.4	-15.1	74.0	80.7	-0.0	-6.4	50.0	50.0	65.2
00:49:49	25 5.7	-89 39.8	306.0	337.4	1491	1623	27.4	-4.8	-1.1	73.6	77.4	-0.5	210.7	148.8	8.6	119.2
15:28:30	25 7.7	-89 39.8	56.7	109.6	123.4	1623	31.2	2.0	-0.7	842.2	74.7	26.2	19.2	10.2	10.2	-23.9
15:28:30	25 7.5	-89 38.4	58.4	109.1	123.8	1614	324.0	2.1	-0.8	846.3	74.7	25.9	18.8	12.5	12.5	10.1
15:28:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.0	-0.5	-14.7	74.9	81.8	-0.0	-6.5	50.0	50.0	56.2
15:28:44	25 7.0	-89 39.0	306.6	334.9	1492	1623	27.1	-6.3	-1.6	74.7	78.5	-0.5	212.2	141.9	8.4	120.2
15:29:00	25 9.5	-89 38.8	56.4	108.9	122.6	1623	31.1	2.2	-0.5	842.2	74.3	26.0	19.1	10.1	10.1	-23.5
15:29:00	25 9.3	-89 37.4	58.0	108.4	123.0	1612	323.8	2.3	-0.6	846.5	74.3	25.7	18.6	12.4	12.4	-37.5
15:29:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.8	-1.3	-15.5	74.7	81.4	-0.0	-6.5	50.0	50.0	56.1
15:29:14	25 9.0	-89 37.8	306.5	334.5	1491	1622	27.2	-4.3	-1.0	74.3	78.2	-0.5	211.7	139.0	8.3	119.9
15:29:30	25 11.3	-89 37.8	56.3	108.5	122.2	1621	31.1	2.5	-0.6	842.6	72.5	25.7	19.0	11.0	11.0	-23.3
15:29:30	25 11.0	-89 36.4	57.7	108.0	122.5	1608	323.8	2.6	-0.7	846.7	72.6	25.4	18.5	13.0	13.0	-37.6
15:29:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.7	1.3	-14.3	72.9	79.6	-0.0	-6.3	50.0	50.0	60.3
15:29:44	25 11.1	-89 36.7	306.3	336.1	1489	1620	26.0	-5.7	-1.3	72.6	76.3	-0.5	209.2	146.4	8.3	118.5
15:30:00	25 13.0	-89 36.8	56.0	107.9	121.5	1623	31.0	2.1	-0.4	842.3	71.9	25.3	18.6	11.4	11.4	-23.5
15:30:00	25 12.8	-89 35.4	57.3	107.5	121.8	1612	323.7	2.3	-0.5	846.3	71.9	25.0	18.2	13.7	13.7	-37.6
15:30:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.4	0.9	-13.8	72.3	79.0	-0.0	-6.3	50.0	50.0	63.2
15:30:14	25 12.8	-89 35.7	306.0	336.6	1492	1624	27.0	-5.7	-1.3	71.9	75.7	-0.5	208.4	146.4	7.9	117.9
15:30:30	25 14.8	-89 35.8	56.1	107.8	121.5	1623	31.1	2.3	-0.6	842.5	72.1	25.4	18.7	11.2	11.2	-23.6
15:30:30	25 14.5	-89 34.3	57.3	107.4	121.8	1610	323.9	2.4	-0.7	846.6	72.1	25.1	18.2	13.4	13.4	-37.6
15:30:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.6	1.1	-13.7	72.4	79.1	-0.0	-6.3	50.0	50.0	62.0
15:30:44	25 14.4	-89 34.7	306.0	336.1	1490	1621	27.2	-5.5	-1.3	72.1	75.8	-0.5	208.6	144.9	8.1	118.0
15:31:00	25 16.5	-89 34.8	55.7	107.7	121.3	1622	31.0	2.3	-0.7	842.5	71.6	25.5	18.9	11.1	11.1	-23.6
15:31:00	25 16.3	-89 33.3	56.9	107.4	121.5	1611	323.7	2.4	-0.8	846.6	71.6	25.2	18.4	13.4	13.4	-37.5
15:31:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.7	2.0	-13.3	72.0	78.6	-0.0	-6.3	50.0	50.0	61.2
15:31:14	25 16.1	-89 33.8	306.2	336.3	1490	1621	27.4	-4.9	-0.9	71.6	75.2	-0.5	207.8	145.7	8.2	117.7

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
15:31:30	25 18.3	-89 33.8	53.8	108.8	121.4	1623	29.9	2.3	-0.6	842.5	71.3	25.4	18.8	10.9	10.9	-23.3
15:31:30	25 18.0	-89 32.3	54.9	108.5	121.6	1611	322.6	2.4	-0.8	846.5	71.4	25.1	18.3	13.1	13.1	-37.6
15:31:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.6	1.3	-13.7	71.7	78.4	-0.0	-6.2	50.0	50.0	60.8
15:31:44	25 18.0	-89 32.7	306.1	335.8	1491	1622	26.8	-5.2	-1.1	71.4	75.0	-0.5	207.5	146.4	8.3	117.5
15:32:00	25 20.1	-89 32.8	53.8	109.1	121.6	1624	29.8	2.2	-0.6	842.3	72.3	25.5	18.8	10.8	10.8	-23.5
15:32:00	25 19.8	-89 31.3	54.7	108.8	121.7	1613	322.5	2.3	-0.8	846.3	72.3	25.2	18.3	12.9	12.9	-37.5
15:32:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.5	0.7	-13.6	72.6	79.3	-0.0	-6.3	50.0	50.0	60.1
15:32:14	25 19.6	-89 31.8	306.1	335.5	1493	1624	26.8	-5.5	-1.2	72.3	75.9	-0.5	208.9	143.5	7.9	118.2
15:32:30	25 21.8	-89 31.9	54.2	109.5	122.2	1623	29.7	2.2	-0.3	842.4	73.4	25.3	18.5	11.4	11.4	-23.4
15:32:30	25 21.6	-89 30.3	55.1	109.2	122.3	1613	322.5	2.3	-0.4	846.6	73.5	25.0	18.0	13.4	13.4	-37.5
15:32:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.2	0.0	-13.5	73.7	80.5	-0.0	-6.4	50.0	50.0	63.9
15:32:44	25 21.6	-89 30.7	305.8	336.4	1490	1622	26.8	-6.7	-1.7	73.4	77.2	-0.5	210.5	143.2	7.3	119.1
15:33:00	25 23.6	-89 30.9	54.8	109.3	122.3	1623	29.7	2.1	-0.7	842.4	72.6	25.4	18.7	11.0	11.0	-23.7
15:33:00	25 23.3	-89 29.4	55.5	109.1	122.4	1614	322.4	2.2	-0.8	846.5	72.6	25.2	18.3	13.2	13.2	-37.6
15:33:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.5	0.6	-13.8	73.0	79.6	-0.0	-6.3	50.0	50.0	61.2
15:33:14	25 23.0	-89 30.0	306.1	335.8	1491	1624	26.8	-4.6	-1.0	72.6	76.3	-0.5	209.3	150.1	7.3	118.4
15:33:30	25 25.4	-89 29.9	55.2	109.3	122.5	1623	29.9	2.2	-0.7	842.5	72.8	25.6	18.8	11.0	11.0	-24.4
15:33:30	25 25.1	-89 28.4	55.8	109.2	122.6	1612	322.6	2.3	-0.9	846.6	72.8	25.3	18.4	13.2	13.2	-37.6
15:33:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.6	0.2	-13.8	73.2	79.8	-0.0	-6.4	50.0	50.0	60.6
15:33:44	25 25.2	-89 28.7	306.2	335.9	1490	1623	27.0	-5.1	-1.2	72.8	76.5	-0.5	209.6	149.7	7.4	118.6
15:34:00	25 27.2	-89 28.9	55.3	108.8	122.1	1624	29.8	2.2	-0.5	842.4	72.9	25.8	19.0	11.0	11.0	-24.1
15:34:00	25 26.9	-89 27.4	55.7	108.6	122.1	1613	322.5	2.4	-0.6	846.5	72.9	25.5	18.6	13.3	13.3	25.1
15:34:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.7	0.2	-13.9	73.2	79.9	-0.0	-6.4	50.0	50.0	59.9
15:34:14	25 27.0	-89 27.8	306.4	336.1	1491	1623	27.2	-5.4	-1.3	72.9	76.6	-0.5	209.7	149.1	6.6	118.7
15:34:30	25 28.9	-89 27.9	55.0	108.4	121.5	1621	29.8	2.5	-0.8	842.6	71.6	25.4	18.8	10.9	10.9	-22.9
15:34:30	25 28.6	-89 26.4	55.4	108.2	121.6	1610	322.6	2.6	-0.8	846.7	71.6	25.2	18.3	13.1	13.1	27.6
15:34:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.6	1.8	-13.2	71.9	78.6	-0.0	-6.3	50.0	50.0	60.5
15:34:44	25 28.8	-89 26.8	306.1	335.6	1489	1622	27.3	-5.7	-1.2	71.6	75.2	-0.5	207.8	152.9	6.9	117.6
15:35:00	25 30.7	-89 27.0	54.9	107.7	120.8	1622	29.9	2.5	-0.6	842.6	71.1	25.5	18.8	10.9	10.9	-24.0
15:35:00	25 30.4	-89 25.4	55.1	107.6	120.9	1612	322.6	2.5	-0.7	846.7	71.1	25.2	18.4	12.8	12.8	24.1
15:35:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.6	1.6	-13.7	71.6	78.1	-0.0	-6.2	50.0	50.0	60.3
15:35:14	25 30.3	-89 25.9	306.2	335.8	1489	1621	27.3	-4.2	-0.8	71.1	74.8	-0.5	207.2	149.8	6.9	117.3
15:35:30	25 32.4	-89 26.0	55.1	107.8	121.1	1624	29.8	2.2	-0.6	842.4	71.7	25.9	19.2	10.0	10.0	-23.7
15:35:30	25 32.1	-89 24.4	55.3	107.7	121.0	1614	322.5	2.3	-0.7	846.4	71.7	25.6	18.7	12.1	12.1	20.2
15:35:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.9	1.1	-13.5	72.0	78.7	-0.0	-6.3	50.0	50.0	55.5
15:35:44	25 32.2	-89 24.9	306.6	334.5	1492	1624	27.2	-5.5	-1.3	71.7	75.3	-0.5	208.0	150.1	6.2	117.8
15:36:00	25 34.2	-89 25.0	55.3	107.4	120.8	1622	29.7	2.5	-0.4	842.6	70.7	25.5	18.9	10.5	10.5	-23.7
15:36:00	25 33.9	-89 23.4	55.3	107.3	120.7	1612	322.4	2.7	-0.5	846.7	70.7	25.2	18.5	12.6	12.6	17.7
15:36:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.7	2.2	-13.4	71.2	77.7	-0.0	-6.2	50.0	50.0	58.2
15:36:14	25 34.1	-89 23.8	306.3	335.1	1489	1622	27.4	-4.8	-0.8	70.8	74.4	-0.5	206.7	156.8	6.1	117.0

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
15:36:30	25 35.9	-89 24.0	55.3	107.0	120.4	1622	29.7	2.5	-0.5	842.7	70.3	25.8	19.3	10.0	10.0	-23.8
15:36:30	25 35.6	-89 22.4	55.2	107.0	120.3	1611	322.5	2.7	-0.5	846.7	70.3	25.5	18.8	12.0	12.0	15.6
15:36:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.0	2.3	-13.2	70.8	77.3	-0.0	-6.1	50.0	50.0	55.1
15:36:30	25 35.8	-89 22.8	306.6	334.5	1489	1621	27.5	-3.9	-0.5	70.3	73.9	-0.5	206.1	155.8	6.2	116.7
15:37:00	25 37.6	-89 23.0	54.4	107.6	120.6	1622	29.8	2.5	-0.6	842.7	69.9	25.8	19.2	9.9	9.9	-23.9
15:37:00	25 37.4	-89 21.4	54.2	107.6	120.5	1612	322.5	2.6	-0.7	846.7	69.9	25.5	18.8	12.0	12.0	14.0
15:

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
15:41:30	25 53.7	-89 14.0	57.8	111.9	126.0	1629	29.5	1.9	-0.7*	841.9	77.6	25.9	18.7	13.6	13.6	-23.8
15:41:30	25 53.5	-89 12.5	56.6	112.2	125.7	1616	322.2	2.0	-0.9*	846.4	77.6	25.6	18.2	16.2	16.2	17.4
15:41:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.4	-3.4	-16.6	78.1	84.9	-0.0	-6.7	50.0	50.0	72.9
15:41:30	25 53.4	-89 13.2	306.1	341.3	1492	1625	26.8	-3.0	-0.7	77.5	81.6	-0.5	216.2	154.2	6.2	122.4
15:42:00	25 55.6	-89 12.9	58.0	111.8	125.9	1628	29.7	1.9	-0.7	842.1	76.5	25.8	18.7	12.8	12.8	-23.5
15:42:00	25 55.3	-89 11.5	56.6	112.1	125.6	1617	322.5	2.0	-0.8	846.5	76.5	25.5	18.2	15.9	15.9	15.5
15:42:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.4	-3.8	-16.1	76.8	83.7	-0.0	-6.7	50.0	50.0	69.2
15:42:00	25 55.1	-89 12.2	306.0	339.5	1491	1623	26.9	-5.6	-1.5	76.4	80.5	-0.5	214.7	161.4	6.5	121.5
15:42:30	25 57.4	-89 11.9	57.8	110.8	125.0	1627	29.8	2.0	-0.5	842.3	75.2	25.7	18.7	10.9	10.9	-24.4
15:42:30	25 57.1	-89 10.5	56.4	111.2	124.7	1615	322.6	2.2	-0.6	846.5	75.2	25.4	18.2	13.4	13.4	13.9
15:42:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.5	-2.1	-16.1	75.6	82.3	-0.0	-6.6	50.0	50.0	60.8
15:42:30	25 57.4	-89 11.0	306.0	335.5	1491	1624	27.2	-4.1	-1.0	75.2	79.1	-0.5	213.0	161.4	6.7	120.5
15:43:00	25 59.2	-89 10.9	57.5	110.2	124.3	1627	29.8	2.0	-0.4	842.3	73.9	25.9	19.1	11.5	11.5	-34.9
15:43:00	25 58.9	-89 9.5	56.0	110.6	124.0	1616	322.5	2.1	-0.5	846.5	74.0	25.7	18.6	12.7	12.7	-37.4
15:43:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.9	-1.6	-15.3	74.3	81.0	-0.0	-6.5	50.0	50.0	61.8
15:43:00	25 59.2	-89 9.9	306.4	337.2	1491	1625	25.4	-5.2	-1.3	73.9	77.8	-0.5	211.2	165.5	6.5	119.6
15:43:30	26 0.9	-89 9.8	57.4	109.9	124.0	1625	29.9	2.4	-0.4	842.5	73.0	26.0	19.2	10.1	10.1	-23.5
15:43:30	26 0.7	-89 8.5	55.8	110.3	123.6	1616	322.6	2.5	-0.5	846.7	73.0	25.8	18.8	12.1	12.1	-37.5
15:43:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.0	1.2	-14.2	73.3	80.0	-0.0	-6.4	50.0	50.0	55.8
15:43:30	26 0.6	-89 9.1	306.6	334.7	1489	1625	27.3	-6.2	-1.4	73.0	76.8	-0.5	209.8	167.2	6.9	118.8
15:44:00	26 2.7	-89 8.8	57.6	109.6	123.8	1627	29.8	2.0	-0.6	842.4	72.8	26.0	19.2	9.9	9.9	27.6
15:44:00	26 2.5	-89 7.5	55.9	110.1	123.5	1616	322.5	2.1	-0.7	846.4	72.8	25.7	18.8	12.1	12.1	-37.4
15:44:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.3	0.4	-14.6	73.1	79.7	-0.0	-6.4	50.0	50.0	55.0
15:44:00	26 2.8	-89 7.9	306.6	334.5	1491	1625	25.9	-5.2	-1.2	72.8	76.5	-0.5	209.5	170.5	6.6	118.7
15:44:30	26 4.5	-89 7.8	57.4	109.9	124.0	1624	29.8	2.4	-0.6	842.6	72.9	26.2	19.4	9.6	9.6	-37.4
15:44:30	26 4.3	-89 6.5	55.6	110.3	123.6	1613	322.6	2.5	-0.7	846.7	72.9	25.9	19.0	11.8	11.8	-37.6
15:44:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.3	0.2	-14.2	73.3	79.9	-0.0	-6.4	50.0	50.0	53.2
15:44:30	26 4.6	-89 6.9	306.8	334.0	1489	1623	27.3	-5.4	-1.2	72.9	76.7	-0.5	209.7	167.9	6.9	118.8
15:45:00	26 6.3	-89 6.7	57.1	109.4	123.4	1628	30.1	2.0	-2.0*	842.3	72.9	25.8	19.1	11.9	11.9	24.4
15:45:00	26 6.1	-89 5.5	55.2	109.9	123.0	1618	322.8	2.1	-2.1*	846.3	72.9	25.6	18.6	13.9	13.9	-37.5
15:45:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.9	-0.2	-14.3	73.1	79.9	-0.0	-6.4	50.0	50.0	63.8
15:45:00	26 6.1	-89 6.1	306.5	338.2	1493	1627	27.3	-6.8	-1.7	72.9	76.6	-0.5	209.7	162.0	6.7	118.8
15:45:30	26 8.1	-89 5.8	53.6	111.1	123.3	1626	28.1	2.3	-0.5	842.6	73.0	25.9	19.1	10.2	10.2	22.9
15:45:30	26 7.9	-89 4.5	51.6	111.6	122.9	1616	320.8	2.4	-0.6	846.6	73.0	25.6	18.6	13.2	13.2	-37.5
15:45:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.9	-0.9	-14.9	73.3	80.0	-0.0	-6.4	50.0	50.0	56.6
15:45:30	26 7.9	-89 5.1	306.4	334.7	1490	1623	27.3	-4.8	-1.1	73.0	76.7	-0.5	209.8	160.9	6.5	118.8
15:46:00	26 9.9	-89 4.8	53.4	110.6	122.8	1628	27.9	2.2	-0.6	842.4	72.2	25.8	19.1	10.5	10.5	-18.5
15:46:00	26 9.7	-89 3.6	51.3	111.1	122.4	1617	320.6	2.4	-0.8	846.5	72.2	25.5	18.6	12.8	12.8	-37.5
15:46:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.9	0.2	-14.2	72.5	79.2	-0.0	-6.3	50.0	50.0	57.7
15:46:00	26 10.0	-89 4.1	306.5	335.3	1491	1627	27.4	-5.4	-1.3	72.2	75.9	-0.5	208.7	164.8	6.3	118.2

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
15:46:30	26 11.7	-89 3.8	53.3	110.5	122.7	1626	28.1	2.3	-0.7	842.5	72.5	26.1	19.3	8.8	8.8	11.9
15:46:30	26 11.5	-89 2.7	51.2	111.1	122.3	1616	320.9	2.4	-0.7	846.5	72.5	25.8	18.9	11.5	11.5	-37.5
15:46:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.1	0.4	-14.0	72.8	79.5	-0.0	-6.3	50.0	50.0	50.7
15:46:30	26 11.3	-89 3.4	306.7	332.5	1491	1626	27.2	-4.9	-1.1	72.5	76.2	-0.5	209.2	158.6	6.4	118.5
15:47:00	26 13.5	-89 2.9	49.6	112.4	122.9	1628	26.2	2.1	-1.0	842.3	71.8	26.3	19.6	7.8	7.8	14.3
15:47:00	26 13.3	-89 1.8	47.4	113.0	122.6	1618	319.0	2.2	-1.1	846.3	71.8	26.1	19.2	10.1	10.1	-37.6
15:47:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.5	0.0	-14.3	72.2	78.8	-0.0	-6.3	50.0	50.0	46.5
15:47:00	26 13.4	-89 2.4	307.0	331.3	1492	1628	27.3	-4.6	-1.1	71.8	75.5	-0.5	208.2	159.5	7.0	118.0
15:47:30	26 15.3	-89 2.0	49.4	113.1	123.4	1627	26.1	2.1	-0.7	842.3	72.6	26.2	19.5	9.8	9.8	-17.3
15:47:30	26 15.2	-89 0.9	47.1	113.7	123.1	1618	318.8	2.2	-0.8	846.4	72.6	25.9	19.0	12.0	12.0	-37.6
15:47:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.2	-0.4	-14.3	73.0	79.6	-0.0	-6.3	50.0	50.0	53.7
15:47:30	26 15.5	-89 1.4	306.9	334.4	1492	1628	27.4	-4.7	-1.1	72.6	76.3	-0.5	209.3	157.6	7.1	118.6
15:48:00	26 17.1	-89 1.1	49.1	113.0	123.2	1627	26.0	2.2	-0.6	842.5	72.8	26.2	19.4	9.6	9.6	14.2
15:48:00	26 17.0	-89 0.1	46.7	113.6	122.8	1617	318.7	2.4	-0.7	846.6	72.8	26.0	19.0	11.8	11.8	-37.6
15:48:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.2	-0.3	-14.3	73.2	79.8	-0.0	-6.4	50.0	50.0	53.0
15:48:00	26 17.3	-89 0.6	306.8	334.0	1490	1627	27.3	-5.0	-1.2	72.8	76.6	-0.5	209.6	155.4	6.8	118.8
15:48:30	26 19.0	-89 0.3	48.8	113.0	123.1	1626	26.2	2.2	-0.8	842.6	71.8	25.7	19.0	10.2	10.2	-0.2
15:48:30	26 18.8	-88 59.2	46.4	113.7	122.8	1617	319.0	2.4	-0.9	846.6	71.8	25.4	18.6	12.3	12.3	27.7
15:48:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.7	1.3	-13.9	72.1	78.8	-0.0	-6.3	50.0	50.0	56.6
15:48:30	26 19.0	-88 59.8	306.4	334.6	1490	1626	27.2	-5.6	-1.3	71.8	75.5	-0.5	208.2	157.0	7.8	117.8
15:49:00	26 20.8	-88 59.4	48.3	113.6	123.4	1626	26.2	2.3	-0.6	842.6	72.0	25.9	19.2	9.9	9.9	-7.3
15:49:00	26 20.7	-88 58.4	45.8	114.3	123.1	1617	318.9	2.4	-0.7	846.6	72.0	25.6	18.7	12.4	12.4	26.1
15:49:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.9	0.5	-14.0	72.3	79.0	-0.0	-6.3	50.0	50.0	55.2
15:49:00	26 21.0	-88 58.9	306.6	334.3	1490	1627	27.3	-6.1	-1.5	72.0	75.7	-0.5	208.5	155.5	8.3	118.0
15:49:30	26 22.7	-88 58.5	48.3	113.9	123.7	1628	26.0	2.3	-0.6	842.5	72.5	26.2	19.4	9.9	9.9	-13.3
15:49:30	26 22.6	-88 57.6	45.7	114.6	123.4	1617	318.7	2.4	-0.7	846.6	72.5	25.9	19.0	12.2	12.2	25.5
15:49:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.1	-0.0	-14.4	72.9	79.5	-0.0	-6.3	50.0	50.0	54.3
15:49:30	26 22.9	-88 58.1	306.8	334.5	1490	1628	27.4	-4.9	-1.1	72.5	76.2	-0.5	209.2	154.8	8.2	118.5
15:50:00	26 24.5	-88 57.6	48.4	113.5	123.4	1627	25.8	2.3	-0.3	842.5	72.7	25.6	18.8	10.1	10.1	-20.8
15:50:00	26 24.4	-88 56.8	45.8	114.2	123.0	1618	318.5	2.4	-0.4	846.6	72.8	25.3	18.4	13.0	13.0	23.7
15:50:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.6	-0.4	-14.4	73.1	79.8	-0.0	-6.4	50.0	50.0	57.3
15:50:00	26 24.0	-88 57.6	306.2	334.3	1490	1626	25.8	-4.7	-1.1	72.7	76.5	-0.5	209.5	155.3	7.4	118.6
15:50:30	26 26.3	-88 56.8	48.6	113.9	123.8	1627	26.0	2.2	-0.8	842.4	73.1	25.7	18.9	10.6	10.6	-25.3
15:50:30	26 26.3	-88 55.9	45.9	114.6	123.5	1618	318.8	2.4	-0.8	846.5	73.1	25.4	18.4	12.6	12.6	21.3
15:50:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.5	-0.8	-14.7	73.5	80.1	-0.0	-6.4	50.0	50.0	59.0
15:50:30	26 26.5	-88 56.4	306.2	335.2	1491	1628	27.2	-4.7	-1.1	73.0	76.8	-0.5	210.0	154.2	7.9	118.8
15:51:00	26 28.2	-88 55.9	52.2	111.9	123.5	1627	27.6	2.3	0.1	842.6	71.9	25.9	19.2	9.9	9.9	-25.6
15:51:00	26 28.1	-88 55.1	49.5	112.6	123.1	1616	320.3	2.4	-0.0	846.6	71.9	25.6	18.8	12.2	12.2	19.7
15:51:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.0	0.4	-14.4	72.4	78.9	-0.0	-6.3	50.0	50.0	54.9
15:51:00	26 28.4	-88 55.5	306.6	334.2	1490	1627	27.4	-2.2	-0.2	71.9	75.6	-0.5	208.3	160.6	8.0	117.9

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
15:51:30	26 30.0	-88 54.9	52.8	112.0	123.9	1627	27.9	2.2	-0.3	842.4	72.2	25.7	19.0	10.1	10.1	-24.0
15:51:30	26 30.0	-88 54.2	50.1	112.8	123.4	1618	320.6	2.3	-0.4	846.6	72.2	25.5	18.6	12.1	12.1	18.2
15:51:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.8	-0.1	-14.5	72.6	79.2	-0.0	-6.3	50.0	50.0	56.5
15:51:30	26 30.3	-88 54.6	306.4	334.5	1490	1628	26.6	-3.7	-0.8	72.2	75.9	-0.5	208.7	162.5	8.0	118.2
15:52:00	26 31.8	-88 53.9	56.2	110.7	124.2	1630	29.6	2.1	0.3	842.3	72.8	25.9	19.1	10.5	10.5	-24.0
15:52:00	26 31.8	-88 53.2	53.5	111.4	123.6	1619	322.3	2.3	0.2	846.4	72.8	25.6	18.7	12.5	12.5	17.1
15:52:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.9	-0.5	-14.5	73.2	79.9	-0.0	-6.4	50.0	50.0	57.6
15:52:00	26 32.1	-88 53.7	306.5	335.3	1492	1630	27.5	-5.1	-1.2	72.8	76.6	-0.5	209.6	163.8	7.7	118.7
15:52:30	26 33.6	-88 52.9	57.3	110.3	124.3	1629	30.0	2.2	-0.4	842.4	73.0	25.9	19.1	10.0	10.0	-24.3
15:52:30	26 33.6	-88 52.3	54.5	111.1	123.8	1618	322.7	2.3	-0.4	846.5	73.1	25.7	18.7	12.1	12.1	-37.6
15:52:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.7	-0.7	-14.4	73.4	80.1	-0.0	-6.4	50.0	50.0	55.8
15:52:30	26 33.9	-88 52.7	306.5	334.5	1491	1629	27.5	-5.3	-1.2	73.0	76.8	-0.5	209.9	165.9	7.5	118.9
15:53:00	26 35.4	-88 51.9	57.8	110.7	124.9	1631	29.9	2.0	-0.5	842.1	73.9	26.0	19.1	10.0	10.0	-24.5
15:53:00	26 35.4	-88 51.3	54.9	111.5	124.3	1623	322.7	2.1	-0.6	846.3	73.9	25.8	18.7	12.2	12.2	-37.5
15:53:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.9	-1.5	-14.7	74.3	81.0	-0.0	-6.5	50.0	50.0	55.5
15:53:00	26 35.7	-88 51.7	306.5	334.4	1493	1633	27.6	-4.3	-1.0	73.9	77.7	-0.5	211.2	165.2	7.3	119.6
15:53:30	26 37.2	-88 50.8	58.3	111.1	125.5	1631	30.1	1.9	-0.6	842.2	74.9	26.1	19.1	9.7	9.7	-36.5
15:53:30	26 37.2	-88 50.3	55.5	111.9	124.9	1620	322.8	2.1	-0.7	846.5	74.9	25.8	18.7	12.1	12.1	-37.6
15:53:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	17.9	-2.4	-15.4	75.3	82.0	-0.0	-6.5	50.0	50.0	54.8
00:00:00	26 37.5	-88 50.7	306.5	334.0	1491	1631	27.6	-4.7	-1.2	74.9	78.8	-0.5	212.5	164.7	7.3	120.3
15:54:00	26 39.0	-88 49.8	58.3	111.5	125.8	1630	30.1	2.0	-0.6	842.3	74.7	26.1	19.2	10.0	10.0	28.9
15:54:00	26 39.0	-88 49.3	55.4	112.3	125.2	1620	322.8	2.1	-0.7	846.5	74.7	25.9	18.8	12.3	12.3	29.0
15:54:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.1	-2.4	-15.4	75.1	81.8	-0.0	-6.5	50.0	50.0	55.5
00:00:00	26 38.6	-88 50.1	306.6	334.6	1491	1631	27.5	-4.9	-1.3	74.7	78.6	-0.5	212.3	165.8	7.7	120.2
15:54:30	26 40.8	-88 48.7	58.1	111.5	125.7	1631	30.1	2.0	-0.6	842.1	75.0	26.3	19.3	10.2	10.2	27.0
15:54:30	26 40.9	-88 48.3	55.2	112.3	125.1	1621	322.8	2.1	-0.7	846.4	75.0	26.0	18.9	12.3	12.3	27.1
15:54:30	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.0	-2.2	-15.3	75.4	82.1	-0.0	-6.5	50.0	50.0	55.7
00:00:00	26 41.1	-88 48.7	306.7	335.0	1491	1633	26.4	-4.8	-1.2	75.0	78.9	-0.5	212.7	163.4	7.5	120.5
15:55:00	26 42.6	-88 47.7	58.2	111.8	126.0	1632	30.0	1.9	-1.9*	842.2	75.7	26.5	19.5	9.8	9.8	25.9
15:55:00	26 42.7	-88 47.3	55.2	112.6	125.4	1622	322.7	2.0	-2.0*	846.4	75.7	26.2	19.0	12.0	12.0	26.0
15:55:00	25 23.1	-90 27.0	0.0	0.0	0.0	257	18.2	-3.0	-15.5	76.0	82.8	-0.0	-6.6	50.0	50.0	53.9
00:00:00	26 42.9	-88 47.7	306.9	334.6	1492	1633	27.3	-5.9	-1.5	75.7	79.7	-0.5	213.7	163.6	7.1	121.0
15:55:30	26 44.5	-88 46.8	44.9	118.0	126.3	1631	23.2	2.1	-1.3	842.4	74.9	26.3	19.4	10.2	10.2	24.9
15:55:30	26 44.6	-88 46.4	41.9	118.8	126.0	1620	315.9	2.3	-1.4	846.6	74.9	26.1	18.9	12.5	12.5	25.1
15:55:30	0 0.0	0 0.0	0.0	0.0	0.0	0	18.2	-2.0	-15.4	75.2	82.0	-0.0	-6.5	50.0	50.0	55.6
00:00:00	26 44.7	-88 46.9	306.7	335.0	1490	1631	27.4	-5.4	-1.4	74.9	78.8	-0.5	212.5	162.3	7.7	120.4
15:56:00	26 46.4	-88 46.0	43.7	118.6	126.4	1634	22.6	1.8	-0.5	842.0	75.5	26.4	19.3	10.1	10.1	23.0
15:56:00	26 46.5	-88 45.7	40.7	119.4	126.2	1623	315.3	1.9	-0.6	846.3	75.5	26.1	18.9	12.2	12.2	23.1
15:56:00	0 0.0	0 0.0	0.0	0.0	0.0	0	18.1	-3.2	-15.8	75.8	82.5	-0.0	-6.6	50.0	50.0	55.2
00:00:00	26 46.5	-88 46.2	306.8	334.9	1493	1633	27.4	-5.1	-1.3	75.4	79.4	-0.5	213.3	159.9	7.5	120.8

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
15:56:30	26 48.3	-88 45.2	43.7	118.8	126.6	1630	22.5	2.0	-0.5	842.3	75.4	26.7	19.6	9.5	9.5	21.1
15:56:30	26 48.4	-88 45.0	40.8	119.6	126.3	1621	315.2	2.2	-0.5	846.5	75.4	26.4	19.2	11.7	11.7	21.2
15:56:30	0 0.0	0 0.0	0.0	0.0	0.0	0	18.4	-2.9	-15.7	75.8	82.5	-0.0	-6.6	50.0	50.0	52.0
00:00:00	26 48.2	-88 45.5	307.1	334.1	1491	1631	27.3	-4.2	-1.0	75.4	79.3	-0.5	213.2	161.6	7.5	120.8
15:57:00	26 50.3	-88 44.4	43.7	118.8	126.6	1633	22.5	1.9	-0.4	842.2	75.6	26.6	19.5	9.9	9.9	19.4
15:57:00	26 50.4	-88 44.2	40.8	119.6	126.4	1623	315.2	2.0	-0.5	846.5	75.6	26.3	19.1	12.0	12.0	19.5
15:

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:01:30	27 6.9	-88 35.8	43.9	117.4	125.3	1634	22.3	1.9	4.1*	842.0	74.9	25.9	19.0	10.5	10.5	16.6
16:01:30	27 7.1	-88 36.1	41.1	118.1	125.1	1624	315.0	2.0	4.0*	846.4	74.9	25.6	18.5	12.7	12.7	-37.6
16:01:30	26 50.4	-88 44.1	0.0	0.0	0.0	257	17.9	-3.4	-15.1	75.4	82.0	-0.0	-6.5	50.0	50.0	58.2
16:01:30	27 7.3	-88 36.4	306.3	335.1	1492	1631	27.3	-2.9	1.2	74.9	78.8	-0.5	212.5	163.2	6.4	120.3
16:02:00	27 8.7	-88 34.9	52.6	114.7	126.1	1633	28.5*	2.0	-1.5*	842.3	74.7	25.7	18.7	17.0	17.0	15.4
16:02:00	27 9.0	-88 35.2	49.8	115.4	125.7	1623	321.2*	2.2	-1.6*	846.5	74.7	25.6	18.4	19.0	19.0	-37.6
16:02:00	26 50.4	-88 44.1	0.0	0.0	0.0	257	17.7	2.1	-15.4	73.9	82.5	-0.0	-6.5	50.0	50.0	91.1
16:02:00	27 9.1	-88 35.5	306.1	350.0	1491	1630	19.4	-23.4	-6.3	74.5	77.3	-0.3	212.3	166.9	7.5	120.3
16:02:30	27 10.5	-88 33.8	69.6	99.6	121.5	1639	38.7*	1.3*	-0.7*	842.1	69.5	24.7	18.3	17.2	17.2	14.4
16:02:30	27 10.8	-88 34.2	66.9	100.3	120.6	1628	331.4*	1.4*	-0.8*	846.0	69.5	24.6	18.0	17.4	17.4	27.3
16:02:30	26 50.4	-88 44.1	0.0	0.0	0.0	257	17.2	-0.3	-15.7	68.3	76.0	-0.0	-6.1	50.0	50.0	95.1
16:02:30	27 10.9	-88 34.5	305.6	350.1	1496	1640	25.2	-23.6	-6.7	69.2	71.7	-0.5	204.9	180.2	6.6	116.1
16:03:00	27 12.1	-88 32.5	74.7	97.5	122.9	1605	42.0	2.5	4.6*	845.0	70.1	26.4	19.8	10.7	10.7	13.0
16:03:00	27 12.4	-88 33.0	72.1	98.3	121.9	1596	334.7	2.6	4.5*	849.1	70.1	26.1	19.4	12.7	12.7	26.2
16:03:00	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.5	3.6	-12.7	70.1	77.2	-0.0	-6.1	50.0	50.0	55.8
16:03:00	27 12.5	-88 33.2	307.0	336.2	1466	1606	24.0	-12.5	-2.5	70.1	73.7	-0.5	205.8	169.4	9.9	116.5
16:03:30	27 13.6	-88 31.1	80.7	91.5	122.0	1617	45.5	2.4	-0.5	844.0	71.3	26.1	19.4	8.7	8.7	11.8
16:03:30	27 13.9	-88 31.6	78.1	92.3	120.9	1606	338.1	2.5	-0.6	848.1	71.3	25.8	19.0	12.0	12.0	25.4
16:03:30	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.0	0.6	-12.8	71.6	78.4	-0.0	-6.2	50.0	50.0	50.1
16:03:30	27 14.0	-88 31.8	306.7	332.3	1476	1617	26.9	-6.4	-2.0	71.3	74.9	-0.5	207.5	163.3	9.2	117.4
16:04:00	27 15.1	-88 29.6	73.7	98.9	123.3	1617	40.1	2.2	-3.3	844.1	72.2	26.2	19.5	10.6	10.6	10.4
16:04:00	27 15.4	-88 30.2	71.2	99.6	122.4	1606	332.9	2.3	-3.3	848.1	72.2	25.9	19.0	12.2	12.2	24.1
16:04:00	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.3	-1.0	-13.5	72.8	79.3	-0.0	-6.3	50.0	50.0	56.7
16:04:00	27 15.5	-88 30.4	306.7	335.7	1476	1616	26.9	-1.4	-0.5	72.2	76.0	-0.5	208.7	162.5	9.3	118.2
16:04:30	27 16.7	-88 28.4	69.7	103.1	124.5	1620	37.8	2.1	-1.0	843.9	71.9	26.2	19.5	8.7	8.7	7.6
16:04:30	27 17.1	-88 28.9	67.3	103.8	123.7	1610	330.6	2.2	-1.0	847.9	71.9	25.9	19.1	11.0	11.0	21.6
16:04:30	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.4	-0.5	-13.6	72.2	78.9	-0.0	-6.3	50.0	50.0	49.7
16:04:30	27 17.1	-88 29.2	306.8	332.4	1478	1620	27.1	-6.2	-1.8	71.9	75.5	-0.5	208.3	167.1	10.0	117.9
16:05:00	27 18.4	-88 27.1	70.4	104.7	126.2	1617	37.6	2.1	-0.5	844.1	73.1	27.0	20.1	7.9	7.9	6.5
16:05:00	27 18.8	-88 27.7	68.0	105.4	125.4	1606	330.3	2.1	-0.6	848.2	73.1	26.7	19.7	10.2	10.2	19.6
16:05:00	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.9	-0.9	-12.9	73.5	80.3	-0.0	-6.4	50.0	50.0	45.3
16:05:00	27 18.8	-88 27.9	307.4	331.8	1474	1617	25.6	-4.7	-1.2	73.1	76.9	-0.5	210.0	169.0	10.6	119.0
16:05:30	27 20.1	-88 25.8	70.5	105.5	126.9	1620	37.9	2.0	-0.8	843.9	74.6	26.5	19.6	9.3	9.3	-24.3
16:05:30	27 20.5	-88 26.4	68.2	106.1	126.2	1608	330.6	2.1	-0.9	848.1	74.6	26.2	19.1	11.7	11.7	18.1
16:05:30	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.4	-2.6	-14.0	74.9	81.7	-0.0	-6.5	50.0	50.0	51.5
16:05:30	27 20.5	-88 26.7	306.8	333.4	1476	1619	27.1	-5.9	-1.6	74.5	78.4	-0.5	212.1	164.6	11.0	120.0
16:06:00	27 21.9	-88 24.5	70.8	105.7	127.2	1618	37.7	2.2	-0.8	844.1	73.4	26.6	19.8	8.7	8.7	-27.6
16:06:00	27 22.2	-88 25.2	68.5	106.3	126.5	1608	330.4	2.3	-0.8	848.3	73.4	26.3	19.3	11.0	11.0	17.0
16:06:00	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.5	-1.5	-14.2	73.7	80.5	-0.0	-6.4	50.0	50.0	49.0
16:06:00	27 22.2	-88 25.4	307.0	332.6	1474	1617	27.0	-5.9	-1.6	73.3	77.2	-0.5	210.4	171.2	11.4	119.1

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:06:30	27 23.6	-88 23.2	70.6	105.6	127.1	1619	37.6	2.0	-0.6	843.9	74.7	26.1	19.2	10.8	10.8	-37.3
16:06:30	27 23.9	-88 24.0	68.4	106.2	126.3	1610	330.3	2.1	-0.7	848.1	74.7	25.9	18.7	12.9	12.9	-37.6
16:06:30	26 50.4	-88 44.1	0.0	0.0	0.0	257	17.9	-2.8	-14.7	75.1	81.8	-0.0	-6.5	50.0	50.0	58.6
16:06:30	27 24.0	-88 24.2	306.4	335.8	1476	1618	27.0	-4.8	-1.2	74.7	78.6	-0.5	212.3	166.7	10.6	120.1
16:07:00	27 25.3	-88 21.9	71.6	105.8	127.7	1622	37.7	1.8	-0.6	843.7	76.0	26.4	19.3	10.3	10.3	-23.7
16:07:00	27 25.7	-88 22.7	69.4	106.3	127.0	1611	330.4	1.9	-0.7	848.1	76.0	26.1	18.9	12.6	12.6	27.7
16:07:00	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.2	-4.1	-14.9	76.4	83.2	-0.0	-6.6	50.0	50.0	56.1
16:07:00	27 25.7	-88 22.9	306.6	335.0	1476	1620	26.9	-5.3	-1.4	75.9	80.0	-0.5	214.0	167.2	10.0	121.1
16:07:30	27 27.0	-88 20.6	71.1	105.6	127.3	1622	37.6	1.9	-0.6	843.7	76.2	26.6	19.5	8.8	8.8	-23.5
16:07:30	27 27.4	-88 21.4	69.0	106.1	126.6	1612	330.3	2.0	-0.7	848.0	76.2	26.3	19.1	11.1	11.1	26.0
16:07:30	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.2	-3.6	-14.9	76.5	83.4	-0.0	-6.6	50.0	50.0	49.9
16:07:30	27 27.4	-88 21.7	306.8	332.5	1476	1620	26.8	-5.7	-1.5	76.1	80.2	-0.5	214.3	163.9	9.8	121.3
16:08:00	27 28.7	-88 19.4	57.0	114.8	128.2	1622	28.4	1.8	-7.7*	843.8	76.0	26.6	19.5	10.2	10.2	-24.3
16:08:00	27 29.1	-88 20.2	55.0	115.3	127.8	1611	321.2	1.9	-7.8*	848.0	76.0	26.3	19.1	12.5	12.5	25.0
16:08:00	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.0	-5.7	-16.1	77.4	83.3	-0.0	-6.6	50.0	50.0	54.9
16:08:00	27 29.1	-88 20.4	306.8	335.0	1476	1619	26.9	10.1	3.2	75.9	80.1	-0.5	214.0	162.7	10.1	121.2
16:08:30	27 30.6	-88 18.5	46.9	119.3	128.2	1621	24.7	2.0	-1.3	843.9	75.6	26.5	19.5	9.0	9.0	-23.8
16:08:30	27 31.1	-88 19.3	45.0	119.7	127.9	1610	317.4	2.1	-1.3	848.2	75.6	26.3	19.1	11.5	11.5	23.3
16:08:30	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.2	-4.0	-15.5	75.9	82.8	-0.0	-6.6	50.0	50.0	50.9
16:08:30	27 31.0	-88 19.5	306.7	332.9	1475	1619	27.1	-6.7	-1.9	75.6	79.6	-0.5	213.5	161.9	9.8	120.8
16:09:00	27 32.6	-88 17.6	45.5	119.1	127.6	1620	24.4	1.9	-1.1	843.9	74.2	26.4	19.5	9.5	9.5	-23.5
16:09:00	27 33.0	-88 18.5	43.7	119.6	127.3	1610	317.1	2.0	-1.1	848.1	74.2	26.2	19.1	11.8	11.8	20.6
16:09:00	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.3	-2.3	-14.7	74.5	81.2	-0.0	-6.5	50.0	50.0	52.5
16:09:00	27 32.9	-88 18.7	306.8	333.8	1476	1619	27.2	-5.8	-1.5	74.1	77.9	-0.5	211.5	160.5	10.6	119.7
16:09:30	27 34.5	-88 16.8	45.3	119.3	127.6	1620	24.1	2.0	-0.8	844.0	73.8	26.4	19.6	9.4	9.4	-23.8
16:09:30	27 35.0	-88 17.7	43.5	119.7	127.3	1610	316.8	2.1	-0.8	848.2	73.8	26.2	19.1	11.7	11.7	15.1
16:09:30	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.4	-1.9	-14.4	74.2	80.9	-0.0	-6.4	50.0	50.0	52.1
16:09:30	27 34.9	-88 17.9	306.8	333.7	1475	1618	26.1	-5.1	-1.3	73.8	77.7	-0.5	211.1	161.7	10.8	119.5
16:10:00	27 36.4	-88 16.0	47.5	118.1	127.2	1621	25.5	2.0	-0.2	844.0	73.6	26.1	19.3	10.3	10.3	-23.6
16:10:00	27 36.9	-88 16.9	45.8	118.4	127.0	1609	318.2	2.2	-0.3	848.2	73.6	25.8	18.8	12.5	12.5	17.3
16:10:00	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.0	-1.5	-14.4	74.0	80.7	-0.0	-6.4	50.0	50.0	56.2
16:10:00	27 36.8	-88 17.1	306.5	334.9	1475	1618	27.1	-5.4	-1.3	73.6	77.4	-0.5	210.8	160.6	11.0	119.3
16:10:30	27 38.4	-88 15.1	47.7	118.1	127.3	1621	25.7	2.0	-0.6	844.0	73.2	26.4	19.6	9.5	9.5	-23.5
16:10:30	27 38.8	-88 16.1	46.1	118.4	127.1	1610	318.4	2.1	-0.7	848.1	73.2	26.1	19.1	11.7	11.7	16.3
16:10:30	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.4	-1.1	-14.3	73.5	80.3	-0.0	-6.4	50.0	50.0	52.4
16:10:30	27 38.7	-88 16.3	306.8	333.8	1475	1618	27.1	-4.9	-1.2	73.1	77.0	-0.5	210.1	161.3	11.4	118.9
16:11:00	27 40.3	-88 14.2	47.8	117.9	127.3	1621	25.8	2.0	-0.9	844.0	73.1	26.3	19.5	9.6	9.6	-24.5
16:11:00	27 40.7	-88 15.2	46.3	118.2	127.0	1610	318.5	2.1	-1.0	848.2	73.1	26.0	19.1	11.7	11.7	-37.5
16:11:00	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.3	-1.5	-14.4	73.4	80.1	-0.0	-6.4	50.0	50.0	52.8
16:11:00	27 40.6	-88 15.4	306.7	333.9	1475	1618	25.7	-5.6	-1.4	73.0	76.8	-0.5	210.0	161.4	11.5	118.8

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:11:30	27 42.2	-88 13.3	47.7	117.8	127.1	1621	25.8	2.0	-0.5	844.0	73.4	26.3	19.5	9.5	9.5	-37.3
16:11:30	27 42.6	-88 14.4	46.3	118.1	126.8	1608	318.4	2.1	-0.6	848.2	73.4	26.0	19.0	11.6	11.6	-37.5
16:11:30	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.2	-1.6	-14.3	73.7	80.4	-0.0	-6.4	50.0	50.0	52.5
16:11:30	27 42.5	-88 14.6	306.7	333.7	1474	1618	27.2	-5.4	-1.3	73.3	77.1	-0.5	210.4	160.2	11.1	119.1
16:12:00	27 44.1	-88 12.5	50.3	116.6	127.0	1621	27.1	2.0	-0.4	844.0	73.2	26.3	19.5	9.5	9.5	-33.3
16:12:00	27 44.6	-88 13.5	49.0	116.8	126.7	1609	319.8	2.2	-0.4	848.2	73.2	26.0	19.1	11.7	11.7	-37.5
16:12:00	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.3	-1.4	-14.1	73.6	80.3	-0.0	-6.4	50.0	50.0	52.5
16:12:00	27 44.4	-88 13.7	306.7	333.7	1475	1618	27.2	-5.0	-1.2	73.2	77.0	-0.5	210.2	160.7	11.3	119.0
16:12:30	27 46.0	-88 11.5	50.8	116.3	126.9	1621	27.2	2.0	-0.7	844.0	73.0	26.4	19.6	10.6	10.6	27.5
16:12:30	27 46.5	-88 12.6	49.6	116.5	126.6	1609	320.0	2.1	-0.7	848.2	73.0	26.2	19.2	12.8	12.8	-37.6
16:12:30	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.4	-2.1	-14.5	73.3	80.0	-0.0	-6.4	50.0	50.0	56.1
16:12:30	27 46.3	-88 12.8	306.9	335.9	1475	1618	27.2	-5.3	-1.3	72.9	76.8	-0.5	209.8	162.4	11.1	118.8
16:13:00	27 47.9	-88 10.6	51.1	116.1	126.8	1621	27.2	2.1	-0.6	844.1	72.6	26.4	19.7	10.4	10.4	25.1
16:13:00	27 48.3	-88 11.7	50.0	116.2	126.6	1610	319.9	2.1	-0.6	848.2	72.7	26.1	19.2	12.7	12.7	-37.6
16:13:00	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.4	-1.2	-14.2	73.0	79.7	-0.0	-6.3	50.0	50.0	55.5
16:13:00	27 48.1	-88 11.9	306.9	335.6	1474	1617	26.9	-4.9	-1.2	72.6	76.4	-0.5	209.4	164.5	11.0	118.6
16:13:30	27 49.7	-88 9.7	52.3	115.5	126.8	1621	28.1	2.1	0.0	844.1	72.4	26.3	19.5	11.4	11.4	22.2
16:13:30	27 50.2	-88 10.8	51.3	115.7	126.5	1610	320.7	2.2	-0.1	848.3	72.4	26.0	19.1	13.7	13.7	-37.6
16:13:30	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.4	-1.1	-14.0	72.8	79.5	-0.0	-6.3	50.0	50.0	59.7
16:13:30	27 50.0	-88 11.0	306.7	337.3	1474	1617	27.1	-5.0	-1.3	72.4	76.2	-0.5	209.1	163.9	11.4	118.4
16:14:00	27 51.6	-88 8.7	55.7	113.9	126.8	1621	29.8	2.1	1.3*	844.1	72.5	26.3	19.5	11.5	11.5	19.9
16:14:00	27 52.1	-88 9.8	54.8	114.0	126.5	1611	322.5	2.2	1.2*	848.3	72.6	26.0	19.1	13.7	13.7	-37.6
16:14:00	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.5	-1.3	-14.0	72.9	79.6	-0.0	-6.3	50.0	50.0	60.2
16:14:00	27 51.8	-88 10.0	306.8	337.6	1474	1617	27.1	-4.7	-1.2	72.5	76.3	-0.5	209.2	164.5	11.5	118.5
16:14:30	27 53.4	-88 7.6	61.7	110.1	126.2	1622	33.4	2.1	-0.5	844.1	72.5	26.3	19.6	10.7	10.7	17.4
16:14:30	27 53.9	-88 8.8	60.9	110.1	125.8	1611	326.1	2.2	-0.5	848.2	72.5	26.1	19.1	13.1	13.1	-37.6
16:14:30	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.4	-1.5	-14.2	72.8	79.5	-0.0	-6.3	50.0	50.0	56.8
16:14:30	27 53.6	-88 8.9	306.8	336.1	1474	1617	27.2	-5.6	-1.5	72.5	76.3	-0.5	209.2	163.9	11.5	118.4
16:15:00	27 55.2	-88 6.5	62.0	109.9	126.1	1621	33.7	2.2	-0.7	844.2	72.6	26.4	19.6	10.8	10.8	15.3
16:15:00	27 55.7	-88 7.6	61.3	109.9	125.8	1609	326.4	2.3	-0.8	848.3	72.6	26.1	19.2	13.0	13.0	-37.6
16:15:00	26 50.4	-88 44.1	0.0	0.0	0.0	257	18.4	-0.9	-13.9	73.0	79.7	-0.0	-6.3	50.0	50.0	57.2
16:15:00	27 55.4	-88 7.8	306.8	336.3	1473	1615	27.3	-5.3	-1.3	72.6	76.4	-0.5	209.3	162.5	11.6	118.5
16:15:30	27 57.0	-88 5.3	61.8	109.8	126.0	1620	33.8	2.1	-0.8	844.1	72.7	26.4	19.7	10.2	10.2	13.6
16:15:30	27 57.5	-88 6.5	61.2	109.8	125.7	1611	326.4	2.2	-0.9	848.3	72.7	26.2	19.2	12.5	12.5	-37.6
16:15:30	27 57.2	-88 6.7	61.3	108.7	124.8	1615	18.6	-0.9	-13.9	73.1	79.8	-0.0	-6.3	50.0	50.0	54.4
16:15:30	27 57.2	-88 6.7	306.9	335.1	1474	1616	23.1	-5.2	-1.3	72.7	76.5	-0.5	209.5	160.5	11.8	118.6
16:16:00	27 58.8	-88 4.2	61.7	110.4	126.4	1623	33.7	2.0	-0.7	844.0	72.8	26.5	19.7	10.4	10.4	12.6
16:16:00	27 59.3	-88 5.4	61.2	110.3	126.2	1611	326.4	2.1	-0.8	848.1	72.8	26.2	19.2	12.5	12.5	28.6
16:16:00	27 58.9	-88 5.5	61.3	109.3	125.3	1611	18.4	-1.5	-14.1	73.2	79.9	-0.0	-6.3	50.0	50.0	55.2
16:16:00	27 58.9	-88 5.5	306.9	335.6	1475	1617	26.2	-5.2	-1.3	72.8	76.6	-0.5	209.6	161.1	12.2	118.7

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:16:30	28 0.6	-88 3.1	61.9	110.3	126.5	1622	33.5	2.1	-0.6	844.0	73.0	26.1	19.3	11.1	11.1	11.6
16:16:30	28 1.1	-88 4.3	61.5	110.2	126.2	1612	326.2	2.2	-0.7	848.2	73.0	25.9	18.9	13.3	13.3	26.7
16:16:30	28 0.7	-88 4.4	61.6	109.1	125.3	1611	18.2	-1.8	-14.1	73.4	80.1	-0.0	-6.4	50.0	50.0	59.4
16:16:30	28 0.7	-88 4.4	306.5	336.6	1475	1617	27.1	-4.4	-1.1	73.0	76.8	-0.5	209.9	162.2	11.7	118.8
16:17:00	28 2.3	-88 1.9	61.8	110.0	126.2	1622	33.6	2.2	-0.7	844.2	72.5	26.0	19.3	11.2	11.2	10.7
16:17:00	28 2.8	-88 3.1	61.6	109.9	126.0	1611	326.3	2.3	-0.7	848.3	72.5	25.7	18.8	13.4	13.4	21.3

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:21:30	28 18.5	-87 51.8	61.3	109.9	125.9	1625	33.5	2.0	-0.3	843.9	73.7	26.2	19.4	11.5	11.5	17.7
16:21:30	28 18.9	-87 52.9	62.1	109.5	125.8	1614	326.1	2.1	-0.4	848.1	73.7	25.9	18.9	13.6	13.6	17.8
16:21:30	28 18.4	-87 53.1	61.9	108.6	125.0	1615	18.0	-3.3	-14.7	74.1	80.8	-0.0	-6.4	50.0	50.0	60.6
16:21:30	28 18.4	-87 53.1	306.6	337.3	1476	1620	27.7	-4.0	-0.9	73.6	77.6	-0.5	210.8	156.8	11.3	119.3
16:22:00	28 20.2	-87 50.7	61.5	109.6	125.7	1624	33.7	2.0	-0.9	843.9	74.1	25.9	19.0	12.2	12.2	15.2
16:22:00	28 20.7	-87 51.8	62.3	109.1	125.6	1614	326.4	2.1	-1.0	848.1	74.1	25.6	18.5	14.4	14.4	15.3
16:22:00	28 20.2	-87 52.0	62.1	108.2	124.8	1618	17.7	-2.5	-14.3	74.4	81.2	-0.0	-6.4	50.0	50.0	65.1
16:22:00	28 20.2	-87 52.0	306.2	338.3	1475	1619	27.5	-5.7	-1.5	74.0	77.8	-0.5	211.4	155.1	11.0	119.6
16:22:30	28 22.0	-87 49.5	61.7	109.6	125.8	1625	33.7	2.0	-0.6	843.9	74.1	26.0	19.2	11.6	11.6	13.3
16:22:30	28 22.5	-87 50.7	62.6	109.1	125.8	1614	326.4	2.1	-0.7	848.1	74.1	25.8	18.7	13.8	13.8	13.4
16:22:30	28 21.9	-87 50.8	62.4	108.3	124.9	1616	18.0	-2.7	-14.3	74.4	81.2	-0.0	-6.5	50.0	50.0	62.0
16:22:30	28 21.9	-87 50.8	306.4	337.4	1476	1619	27.3	-5.4	-1.4	74.1	78.0	-0.5	211.4	155.9	10.9	119.6
16:23:00	28 23.8	-87 48.4	61.4	109.7	125.7	1624	33.8	2.0*	-1.4*	844.0	74.5	25.4	18.5	14.3	14.3	11.7
16:23:00	28 24.3	-87 49.5	62.4	109.1	125.7	1614	326.5	2.1*	-1.4*	848.3	74.6	25.1	18.0	18.4	18.4	11.7
16:23:00	28 23.7	-87 49.7	62.1	108.4	125.0	1616	17.7	-10.4	-17.7	74.9	81.4	-0.0	-6.5	50.0	50.0	77.3
16:23:00	28 23.7	-87 49.7	305.7	342.5	1474	1618	23.9	-7.3	-2.3	74.4	78.2	-0.3	212.0	154.3	10.8	119.9
16:23:30	28 25.6	-87 47.3	60.6	109.2	124.9	1624	33.9	2.0	-0.9	844.0	73.3	25.1	18.3	13.0	13.0	10.8
16:23:30	28 26.0	-87 48.4	61.8	108.6	124.9	1615	326.6	2.1	-1.0	848.1	73.3	24.8	17.9	15.5	15.5	10.8
16:23:30	28 25.4	-87 48.6	61.5	107.8	124.1	1614	17.1	-2.1	-15.7	73.5	80.3	-0.0	-6.4	50.0	50.0	71.9
16:23:30	28 25.4	-87 48.6	305.5	339.3	1476	1619	25.9	-6.6	-1.8	73.2	77.0	-0.5	210.3	152.9	11.6	118.8
16:24:00	28 27.3	-87 46.2	60.7	109.1	124.9	1624	33.7	2.0	-0.8	844.1	72.4	25.1	18.3	13.3	13.3	9.9
16:24:00	28 27.8	-87 47.2	61.9	108.5	124.9	1614	326.3	2.2	-0.9	848.2	72.4	24.8	17.9	15.3	15.3	10.0
16:24:00	28 27.2	-87 47.4	61.6	107.7	124.1	1615	17.3	-2.4	-14.7	72.8	79.3	-0.0	-6.3	50.0	50.0	72.9
16:24:00	28 27.2	-87 47.4	305.5	339.8	1475	1618	27.1	-4.5	-1.1	72.4	76.2	-0.5	209.0	156.3	11.7	118.2
16:24:30	28 29.1	-87 45.0	61.2	109.3	125.2	1624	33.5	2.1	-0.6	844.0	72.6	25.1	18.4	13.1	13.1	-25.1
16:24:30	28 29.5	-87 46.1	62.5	108.6	125.3	1613	326.3	2.2	-0.7	848.1	72.6	24.8	17.9	15.2	15.2	-37.5
16:24:30	28 28.9	-87 46.3	62.2	107.9	124.5	1614	17.2	-1.4	-14.1	72.8	79.6	-0.0	-6.3	50.0	50.0	71.8
16:24:30	28 28.9	-87 46.3	305.6	339.5	1475	1618	27.3	-6.8	-1.8	72.6	76.3	-0.5	209.3	160.2	11.0	118.3
16:25:00	28 30.9	-87 43.9	61.8	109.3	125.6	1624	34.1	2.0	-0.7	844.0	72.7	24.8	18.0	13.0	13.0	-23.9
16:25:00	28 31.3	-87 44.9	63.2	108.6	125.6	1614	326.7	2.1	-0.7	848.1	72.7	24.5	17.6	15.4	15.4	-37.5
16:25:00	28 30.7	-87 45.1	62.9	107.9	124.9	1614	16.9	1.4	-13.3	73.3	80.1	-0.0	-6.3	50.0	50.0	72.9
16:25:00	28 30.7	-87 45.1	305.2	338.8	1475	1618	20.6	-5.1	-1.3	72.7	76.1	-0.3	209.5	159.0	11.9	118.3
16:25:30	28 32.0	-87 42.2	112.9	3.3	112.9	1625	94.3*	2.2	24.7	843.5	72.4	25.6	18.8	11.8	11.8	-24.1
16:25:30	28 32.4	-87 43.2	114.6	2.7	114.6	1613	26.8*	2.3	24.6	848.3	72.4	25.3	18.4	14.1	14.1	-37.5
16:25:30	28 31.8	-87 43.4	114.3	3.6	114.3	1614	18.1	4.4	-12.5	72.8	79.6	-0.0	-6.3	50.0	50.0	64.0
16:25:30	28 31.8	-87 43.5	306.0	337.3	1474	1617	27.0	-5.9	-1.1	72.4	76.8	-0.5	209.0	155.0	12.0	118.2
16:26:00	28 31.0	-87 40.8	12.2	-105.3	106.0	1620	171.7*	2.6	24.6*	844.1	68.0	25.2	18.8	12.0	12.0	-37.3
16:26:00	28 31.4	-87 41.7	14.2	-106.2	107.1	1608	104.2*	2.7	24.5*	848.7	68.0	24.9	18.4	14.2	14.2	-37.5
16:26:00	28 30.8	-87 42.0	14.5	-106.8	107.8	1609	17.9	8.2	-9.5	69.0	75.1	-0.0	-5.9	50.0	50.0	64.8
16:26:00	28 30.8	-87 42.0	306.0	337.5	1470	1613	18.9	1.9	1.3	68.1	72.4	-0.5	202.7	149.5	9.4	114.7

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:26:30	28 29.4	-87 41.4	-70.4	-86.2	111.3	1629	215.8*	2.4	25.2	843.3	68.3	24.8	18.5	13.0	13.0	26.9
16:26:30	28 29.7	-87 42.3	-68.4	-87.3	110.9	1618	148.2*	2.5	25.1	847.8	68.4	24.6	18.0	15.2	15.2	-37.5
16:26:30	28 29.1	-87 42.5	-67.8	-88.8	111.7	1619	17.5	6.5	-10.2	68.7	75.4	-0.0	-6.0	50.0	50.0	70.9
16:26:30	28 29.1	-87 42.5	305.7	339.4	1479	1621	24.6	-8.0	-1.9	68.4	72.6	-0.5	203.2	149.5	9.5	115.0
16:27:00	28 28.8	-87 43.3	-121.9	7.9	122.1	1621	268.5*	2.3	6.3	844.3	69.2	25.0	18.6	12.4	12.4	20.3
16:27:00	28 29.2	-87 44.2	-119.9	6.7	120.1	1611	201.1*	2.5	6.2	848.4	69.3	24.7	18.1	14.6	14.6	-37.6
16:27:00	28 28.5	-87 44.4	-120.6	5.9	120.7	1616	17.4	1.6	-11.6	70.3	76.2	-0.0	-6.0	50.0	50.0	67.7
16:27:00	28 28.5	-87 44.1	305.7	338.2	1472	1616	27.3	5.0	1.9	69.3	73.1	-0.5	204.5	146.6	11.4	115.6
16:27:30	28 29.1	-87 45.6	-122.4	19.7	123.9	1624	274.2	2.2	0.2	844.1	70.0	24.9	18.4	13.0	13.0	16.4
16:27:30	28 29.4	-87 46.4	-120.4	18.5	121.8	1614	206.9	2.3	0.1	848.1	70.0	24.6	17.9	15.1	15.1	-37.6
16:27:30	28 28.8	-87 46.6	-121.0	18.2	122.4	1617	17.1	0.3	-11.6	70.5	76.9	-0.0	-6.1	50.0	50.0	71.6
16:27:30	28 28.8	-87 46.6	305.6	339.4	1476	1619	27.2	-3.1	-0.5	70.0	73.6	-0.5	205.6	149.5	12.8	116.2
16:28:00	28 29.4	-87 47.8	-123.1	20.8	124.9	1624	275.0	2.1	-0.4	844.0	71.2	24.9	18.3	13.7	13.7	14.1
16:28:00	28 29.7	-87 48.6	-121.1	19.6	122.6	1615	207.6	2.2	-0.6	848.0	71.3	24.6	17.8	15.8	15.8	-37.6
16:28:00	28 29.1	-87 48.9	-121.7	19.3	123.2	1619	17.1	-0.2	-11.7	71.6	78.2	-0.0	-6.2	50.0	50.0	75.3
16:28:00	28 29.1	-87 48.9	305.5	340.8	1476	1619	27.2	-5.6	-1.4	71.2	74.9	-0.5	207.4	150.0	12.6	117.3
16:28:30	28 29.8	-87 50.1	-123.9	21.0	125.6	1624	275.0	2.1	-0.7	844.0	71.9	25.1	18.4	13.0	13.0	13.1
16:28:30	28 30.1	-87 50.9	-121.7	19.7	123.3	1614	207.6	2.2	-0.8	848.1	71.9	24.8	18.0	15.1	15.1	-37.5
16:28:30	28 29.4	-87 51.1	-122.4	19.6	123.9	1622	17.4	-1.0	-13.0	72.3	78.9	-0.0	-6.3	50.0	50.0	71.3
16:28:30	28 29.4	-87 51.1	305.6	339.4	1475	1618	26.2	-4.9	-1.2	71.9	75.6	-0.5	208.3	149.3	12.8	117.8
16:29:00	28 30.1	-87 52.4	-124.2	20.9	126.0	1623	275.0	2.1	-0.8	844.1	71.9	25.3	18.7	12.2	12.2	11.8
16:29:00	28 30.4	-87 53.1	-122.0	19.6	123.6	1613	207.7	2.3	-0.9	848.2	72.0	25.0	18.2	14.4	14.4	-37.6
16:29:00	28 29.7	-87 53.4	-122.7	19.4	124.3	1623	17.4	-1.0	-13.1	72.3	78.9	-0.0	-6.3	50.0	50.0	66.8
16:29:00	28 29.7	-87 53.4	305.8	338.0	1475	1618	25.2	-5.4	-1.3	71.9	75.6	-0.5	208.4	147.6	12.8	117.8
16:29:30	28 30.4	-87 54.7	-124.7	19.5	126.2	1625	274.5	2.0	-3.5	844.0	72.4	25.4	18.7	12.2	12.2	10.8
16:29:30	28 30.7	-87 55.4	-122.5	18.2	123.8	1614	207.1	2.2	-3.6	848.1	72.4	25.1	18.2	14.4	14.4	-37.6
16:29:30	28 30.0	-87 55.6	-123.1	18.4	124.5	1626	17.5	-1.0	-13.1	72.8	79.4	-0.0	-6.3	50.0	50.0	66.4
16:29:30	28 30.0	-87 55.6	305.9	337.9	1475	1619	25.9	-4.9	-1.2	72.4	76.1	-0.5	209.0	146.5	12.5	118.2
16:30:00	28 30.6	-87 57.0	-125.6	8.8	125.9	1624	269.5	2.0	-1.2	843.9	72.7	25.5	18.7	12.2	12.2	9.9
16:30:00	28 30.9	-87 57.6	-123.3	7.5	123.5	1615	202.1	2.1	-1.3	848.1	72.7	25.2	18.3	14.2	14.2	-37.5
16:30:00	28 30.2	-87 57.9	-124.0	7.5	124.2	1624	17.5	-2.0	-13.4	73.0	79.6	-0.0	-6.3	50.0	50.0	66.1
16:30:00	28 30.2	-87 57.9	305.9	337.9	1476	1619	27.2	-6.1	-1.6	72.6	76.4	-0.5	209.4	144.8	12.6	118.4
16:30:30	28 30.8	-87 59.3	-126.3	8.2	126.5	1624	268.9	1.9	-0.5	843.9	73.4	25.7	18.9	11.8	11.8	8.7
16:30:30	28 31.0	-87 59.9	-123.8	6.9	124.0	1613	201.5	2.1	-0.6	848.1	73.4	25.4	18.5	13.9	13.9	-37.4
16:30:30	28 30.3	-88 0.2	-124.6	6.8	124.8	1622	17.7	-2.1	-13.1	73.7	80.4	-0.0	-6.4	50.0	50.0	63.6
16:30:30	28 30.3	-88 0.2	306.1	337.3	1476	1619	27.1	-5.4	-1.4	73.3	77.2	-0.5	210.4	145.6	12.9	119.0
16:31:00	28 30.9	-88 1.6	-126.2	6.7	126.4	1622	268.1	2.0	-2.4	844.2	72.6	25.9	19.1	12.4	12.4	-18.0
16:31:00	28 31.1	-88 2.2	-123.7	5.4	123.9	1611	200.9	2.2	-2.5	848.3	72.7	25.6	18.7	13.7	13.7	-37.5
16:31:00	28 30.4	-88 2.5	-124.5	5.4	124.6	1618	17.8	-2.2	-13.8	72.9	79.6	-0.0	-6.3	50.0	50.0	65.6
16:31:00	28 30.4	-88 2.5	306.3	338.9	1474	1617	27.2	-6.2	-1.7	72.6	76.3	-0.5	209.4	144.3	13.5	118.5

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:31:30	28 31.0	-88 3.9	-126.1	4.5	126.2	1626	266.7	1.9	-0.7	843.8	73.4	26.2	19.3	10.9	10.9	6.8
16:31:30	28 31.2	-88 4.4	-123.6	3.2	123.6	1614	199.4	2.0	-0.7	848.0	73.4	25.9	18.9	13.1	13.1	-37.5
16:31:30	28 30.5	-88 4.8	-124.3	3.2	124.4	1620	18.0	-2.2	-13.9	73.8	80.4	-0.0	-6.4	50.0	50.0	58.5
16:31:30	28 30.5	-88 4.7	306.6	336.2	1476	1619	27.4	-5.4	-1.4	73.4	77.2	-0.5	210.5	148.1	13.6	119.1
16:32:00	28 31.1	-88 6.2	-126.5	4.8	126.6	1622	266.9	2.0	-0.6	844.0	73.9	26.4	19.5	10.8	10.8	3.3
16:32:00	28 31.2	-88 6.7	-123.9	3.4	123.9	1611	199.5	2.1	-0.7	848.3	73.9	26.1	19.1	13.0	13.0	-37.6
16:32:00	28 30.6	-88 7.0	-124.7	3.4	124.7	1618	18.2	-2.8	-13.9	74.1	80.9	-0.0	-6.4	50.0	50.0	57.5
16:32:00	28 30.6	-88 7.0	306.7	336.2	1474	1617	27.4	-6.7	-1.9	73.8	77.7	-0.5	211.1	148.4	13.8	119.5
16:32:30	28 31.1	-88 8.6	-126.2	3.3	126.3	1626	267.1*	1.8	-1.0	843.8	74.2	26.7	19.8	10.3	10.3	-4.0
16:32:30	28 31.3	-88 9.0	-123.6	2.0	123.6	1614	199.8*	2.0	-1.1	848.0	74.2	26.4	19.4	12.5	12.5	29.3
16:32:30	28 30.6	-88 9.3	-124.4	1.9	124.4	1619	18.7	-4.3	-14.5	74.0	81.2	-0.0	-6.5	50.0	50.0	54.5
16:32:30	28 30.6	-88 9.3	307.1	335.7	1476	1620	23.9	-12.6	-4.1	74.0	77.9	-0.5	211.5	148.5	12.8	119.8
16:33:00	28 31.2	-88 10.9	-126.3	4.6	126.4	1622	266.7	2.0	-0.6	844.0	73.3	26.5	19.7	10.4	10.4	3.4
16:33:00	28 31.3	-88 11.3	-123.6	3.2	123.6	1611	199.4	2.1	-0.7	848.3	73.3	26.3	19.3	12.7	12.7	23.0
16:33:00	28 30.6	-88 11.6	-124.4	3.3	124.4	1618	18.5	-1.6	-13.8	73.5	80.2	-0.0	-6.4	50.0	50.0	55.3
16:33:00	28 30.6	-88 11.6	306.9	335.7	1474	1617	27.3	-6.9	-2.0	73.2	77.0	-0.5	210.2	148.0	14.2	119.1
16:33:30	28 31.2	-88 13.2	-126.2	-0.4	126.2	1624	264.2	1.8	-1.0	843.8	73.8	26.6	19.7	10.5	10.5	-4.0
16:33:30	28 31.3	-88 13.5	-123.4	-1.7	123.4	1613	196.9	1.9	-1.1	848.0	73.8	26.3	19.3	12.7	12.7	18.2
16:33:30	28 30.7	-88 13.9	-124.3	-1.5	124.3	1615	18.5	-3.8	-14.3	74.1	80.7	-0.0	-6.4	50.0	50.0	55.4
16:33:30	28 30.7	-88 13.9	307.0	335.8	1476	1620	27.2	-5.7	-1.6	73.7	77.6	-0.5	211.0	148.5	14.1	119.5
16:34:00	28 31.2	-88 15.5	-125.8	-0.9	125.8	1623	264.0	2.0	-0.5	843.9	74.2	26.4	19.5	10.6	10.6	-28.4
16:34:00	28 31.3	-88 15.8	-123.0	-2.2	123.0	1613	196.7	2.1	-0.6	848.2	74.2	26.2	19.1	12.8	12.8	16.1
16:34:00	28 30.6	-88 16.2	-123.8	-2.1	123.9	1614	18.3	-2.7	-13.8	74.5	81.2	-0.0	-6.5	50.0	50.0	56.4
16:34:00	28 30.6	-88 16.2	306.8	335.8	1475	1618	27.3	-6.4	-1.7	74.2	78.1	-0.5	211.6	150.7	13.8	119.8
16:34:30	28 31.2	-88 17.8	-125.4	-4.4	125.5	1622	262.2	2.0	-2.0	844.0	73.7	26.4	19.6	11.0	11.0	-37.3
16:34:30	28 31.2	-88 18.1	-122.5	-5.7	122.7	1612	194.9	2.1	-2.1	848.2	73.7	26.2	19.1	13.0	13.0	14.4
16:34:30	28 30.6	-88 18.5	-123.4	-5.4	123.5	1609	18.3	-3.3	-14.1	74.0	80.6	-0.0	-6.4	50.0	50.0	57.8
16:34:30	28 30.6	-88 18.4	306.8	336.5	1475	1618	27.3	-5.1	-1.3	73.6	77.4	-0.5	210.9	149.0	13.9	119.4
16:35:00	28 31.1	-88 20.1	-124.7	-6.6	124.9	1622	261.2	2.1	-0.8	844.1	73.0	26.3	19.5	11.0	11.0	-23.9
16:35:00	28 31.1	-88 20.3	-121.8	-7.9	122.1	1610	193.9	2.3	-0.9	848.3	73.0	26.0	19.0	13.2	13.2	12.8
16:35:00	28 30.5	-88 20.7	-122.7	-7.7	122.9	1612	18.3	-2.1	-13.9	73.4	80.0	-0.0	-6.4	50.0	50.0	58.2
16:35:00	28 30.5	-88 20.7	306.7	336.4	1474	1617	27.3	-4.6	-1.1	73.0	76.8	-0.5	209.9	147.8	13.7	118.8
16:35:30	28 31.0	-88 22.4	-124.7	-7.0	124.9	1623	261.3	1.9	-0.7	843.9	73.0	26.3	19.5	10.8	10.8	-24.6
16:35:30	28 31.0	-88 22.5	-121.8	-8.3	122.1	1611	193.9	2.0	-0.8	848.1	73.0	26.0	19.0	12.9	12.9	11.5
16:35:30	28 30.3	-88 23.0	-122.6	-8.0	122.9	1616	18.3	-2.7	-14.1	73.3	79.9	-0.0	-6.4	50.0	50.0	57.4
16:35:30	28 30.3	-88 23.0	306.7	336.1	1476	1619	27.3	-6.2	-1.6	72.9	76.8	-0.5	209.9	147.3	13.6	118.8
16:36:00	28 30.9	-88 24.7	-125.0	-7.1	125.2	1621	261.0	2.0	-0.6	844.0	73.3	26.7	19.8	10.2	10.2	-35.9
16:36:00	28 30.8	-88 24.8	-122.1	-8.4	122.4	1613	193.7	2.1	-0.7	848.2	73.3	26.4	19.4	12.4	12.4	8.4
16:36:00	28 30.2	-88 25.2	-123.0	-8.1	123.2	1615	18.7	-2.8	-14.1	73.7	80.3	-0.0	-6.4	50.0	50.0	54.0
16:36:00	28 30.2	-88 25.2	307.1	335.4	1475	1618	27.5	-4.4	-1.0	73.2	77.1	-0.5	210.3	147.2	13.7	119.1

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:36:30	28 30.7	-88 27.0	-125.0	-6.9	125.2	1622	261.2	2.0	-0.6	844.0	73.4	26.7	19.9	10.1	10.1	26.0
16:36:30	28 30.7	-88 27.0	-122.0	-8.2	122.3	1611	193.9	2.2	-0.7	848.2	73.4	26.5	19.5	12.3	12.3	9.6
16:36:30	28 30.1	-88 27.5	-122.9	-7.8	123.1	1613	18.7	-2.6	-14.0	73.7	80.4	-0.0	-6.4	50.0	50.0	53.4
16:36:30	28 30.1	-88 27.5	307.2	335.3	1475	1618	27.4	-5.2	-1.3	73.3	77.2	-0.5	210.4	147.7	13.6	119.2
16:37:00	28 30.6	-88 29.3	-125.1	-7.0	125.2	1623	261.2	1.9	-0.6	844.0	73.3	26.6	19.8	10.5	10.5	20.1
16:37:00	28 30.6	-88 29.3	-122.1	-8.3	122.3	1611	193.9	2.0	-0.7	848.1	73.3	26.3

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:41:30	28 31.5	-88 37.8	23.1	-100.4	103.1	1621	164.6	2.3	0.4	844.2	67.6	25.7	19.4	10.9	10.9	19.1
16:41:30	28 31.3	-88 37.3	26.2	-101.3	104.6	1610	97.3	2.5	0.3	848.2	67.6	25.4	18.9	13.0	13.0	-37.5
16:41:30	28 30.7	-88 37.9	25.4	-100.8	103.9	1610	18.2	1.9	-11.2	68.1	74.4	-0.0	-5.9	50.0	50.0	58.3
16:41:30	28 30.7	-88 37.9	306.6	336.1	1475	1618	27.2	-3.6	-0.8	67.6	71.1	-0.5	202.2	143.6	12.3	114.4
16:42:00	28 29.8	-88 37.4	21.6	-102.1	104.4	1620	165.7	2.3	-0.5	844.2	68.2	25.9	19.5	10.6	10.6	15.8
16:42:00	28 29.6	-88 36.8	24.7	-103.0	105.9	1611	98.4	2.4	-0.5	848.1	68.2	25.6	19.1	12.8	12.8	-37.6
16:42:00	28 29.1	-88 37.5	23.8	-102.5	105.2	1614	18.4	1.3	-11.2	68.6	75.0	-0.0	-6.0	50.0	50.0	56.5
16:42:00	28 29.1	-88 37.5	306.7	335.7	1475	1618	27.4	-4.5	-1.0	68.2	71.7	-0.5	203.0	142.6	11.5	114.9
16:42:30	28 28.2	-88 37.0	21.3	-103.1	105.2	1620	165.9	2.3	-0.3	844.1	69.7	26.1	19.6	10.4	10.4	14.2
16:42:30	28 27.9	-88 36.4	24.4	-103.9	106.7	1608	98.6	2.3	-0.4	848.2	69.7	25.8	19.1	12.5	12.5	-37.5
16:42:30	28 27.4	-88 37.0	23.5	-103.3	106.0	1613	18.4	0.2	-11.6	70.1	76.6	-0.0	-6.1	50.0	50.0	55.8
16:42:30	28 27.4	-88 37.0	306.8	335.5	1475	1618	27.3	-5.8	-1.5	69.7	73.3	-0.5	205.3	142.2	12.1	116.2
16:43:00	28 26.5	-88 36.6	20.8	-104.1	106.2	1620	166.2	2.2	-0.6	844.1	70.3	26.2	19.6	10.4	10.4	-37.3
16:43:00	28 26.2	-88 35.9	23.8	-104.9	107.6	1610	98.9	2.3	-0.8	848.1	70.3	25.9	19.2	12.5	12.5	-37.6
16:43:00	28 25.7	-88 36.6	23.0	-104.3	106.8	1616	18.4	-0.2	-11.7	70.7	77.2	-0.0	-6.1	50.0	50.0	55.3
16:43:00	28 25.7	-88 36.6	306.9	335.4	1476	1618	27.2	-5.6	-1.4	70.3	73.9	-0.5	206.1	141.1	11.7	116.7
16:43:30	28 24.8	-88 36.2	20.5	-104.7	106.7	1621	166.4	2.1	-0.5	844.0	71.3	26.2	19.5	10.8	10.8	12.0
16:43:30	28 24.5	-88 35.5	23.5	-105.5	108.0	1610	99.1	2.3	-0.5	848.1	71.3	25.9	19.1	12.9	12.9	-37.6
16:43:30	28 24.0	-88 36.2	22.7	-104.9	107.3	1614	18.4	-1.4	-12.4	71.6	78.2	-0.0	-6.2	50.0	50.0	57.1
16:43:30	28 24.0	-88 36.2	306.8	336.1	1476	1618	27.2	-5.7	-1.4	71.3	75.0	-0.5	207.4	141.5	11.9	117.5
16:44:00	28 23.1	-88 35.9	20.5	-105.4	107.4	1620	166.4	2.0	-0.8	844.0	71.4	26.4	19.7	10.3	10.3	-37.3
16:44:00	28 22.8	-88 35.1	23.5	-106.1	108.7	1611	99.2	2.1	-0.8	848.0	71.4	26.1	19.3	12.5	12.5	-37.6
16:44:00	28 22.3	-88 35.8	22.6	-105.5	107.9	1614	18.6	-1.3	-12.4	71.7	78.3	-0.0	-6.2	50.0	50.0	54.7
16:44:00	28 22.3	-88 35.8	307.0	335.5	1476	1618	27.2	-6.1	-1.6	71.4	75.1	-0.5	207.7	139.7	11.6	117.6
16:44:30	28 21.4	-88 35.5	20.7	-105.8	107.8	1621	166.6	1.9	-0.7	843.9	72.9	26.5	19.7	9.1	9.1	9.8
16:44:30	28 21.1	-88 34.6	23.6	-106.5	109.0	1610	99.3	2.0	-0.7	848.1	72.9	26.2	19.3	11.5	11.5	-37.6
16:44:30	28 20.6	-88 35.4	22.8	-105.8	108.2	1615	18.5	-3.0	-13.3	73.2	79.9	-0.0	-6.4	50.0	50.0	50.7
16:44:30	28 20.6	-88 35.4	306.9	333.3	1476	1618	27.2	-5.3	-1.3	72.8	76.7	-0.5	209.7	144.0	11.9	118.7
16:45:00	28 19.7	-88 35.1	20.9	-105.8	107.8	1621	166.7	1.9	-0.6	843.9	73.3	26.4	19.6	10.2	10.2	9.0
16:45:00	28 19.3	-88 34.2	23.8	-106.4	109.1	1611	99.3	2.0	-0.7	848.1	73.3	26.1	19.2	12.4	12.4	-37.5
16:45:00	28 18.9	-88 34.9	23.0	-105.8	108.2	1618	18.4	-3.6	-13.6	73.7	80.3	-0.0	-6.4	50.0	50.0	54.6
16:45:00	28 18.9	-88 34.9	306.8	335.0	1476	1618	27.3	-5.3	-1.4	73.2	77.1	-0.5	210.3	145.6	12.1	119.1
16:45:30	28 17.9	-88 34.7	20.7	-106.3	108.2	1620	166.7	1.9	-1.2*	843.9	73.7	26.3	19.5	10.0	10.0	8.6
16:45:30	28 17.6	-88 33.8	23.5	-106.9	109.4	1610	99.4	2.0	-1.3*	848.1	73.7	26.1	19.1	12.1	12.1	-37.6
16:45:30	28 17.3	-88 34.5	22.7	-106.2	108.6	1618	18.4	-3.2	-13.7	74.0	80.7	-0.0	-6.4	50.0	50.0	54.3
00:00:00	28 17.2	-88 34.5	306.7	334.6	1475	1617	27.2	-6.2	-1.6	73.7	77.6	-0.5	210.9	144.1	12.1	119.4
16:46:00	28 16.3	-88 34.0	44.5	-97.9	107.6	1619	154.3	2.1	-2.3	844.1	72.8	26.1	19.4	10.1	10.1	8.0
16:46:00	28 16.0	-88 33.0	47.3	-98.5	109.2	1609	87.0	2.2	-2.3	848.3	72.8	25.9	18.9	12.3	12.3	-37.5
16:46:00	28 15.5	-88 33.8	46.5	-97.8	108.3	1613	18.2	-3.2	-14.1	73.1	79.7	-0.0	-6.3	50.0	50.0	55.3
16:46:00	28 15.5	-88 33.8	306.6	334.7	1474	1616	27.2	-6.0	-1.6	72.7	76.5	-0.5	209.6	140.3	11.3	118.6

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:46:30	28 14.7	-88 33.2	47.0	-96.6	107.4	1621	153.0	2.0	-0.7	843.9	73.4	26.3	19.5	9.8	9.8	7.6
16:46:30	28 14.4	-88 32.1	49.7	-97.1	109.1	1611	85.7	2.1	-0.8	848.0	73.4	26.0	19.0	11.9	11.9	-37.5
16:46:30	28 14.0	-88 32.9	49.0	-96.4	108.1	1610	18.3	-3.5	-13.9	73.8	80.4	-0.0	-6.4	50.0	50.0	53.8
16:46:30	28 14.0	-88 32.9	306.7	334.3	1476	1619	27.2	-5.8	-1.5	73.3	77.3	-0.5	210.5	142.1	11.9	119.1
16:47:00	28 13.2	-88 32.3	47.1	-96.6	107.4	1620	153.0	2.0	-0.7	844.0	73.1	26.3	19.5	9.8	9.8	6.5
16:47:00	28 12.8	-88 31.2	49.8	-97.0	109.1	1610	85.7	2.1	-0.8	848.1	73.1	26.0	19.0	11.9	11.9	-37.5
16:47:00	28 12.4	-88 32.0	49.1	-96.3	108.1	1605	18.1	-3.1	-14.0	73.5	80.1	-0.0	-6.4	50.0	50.0	53.6
16:47:00	28 12.4	-88 32.0	306.7	334.2	1475	1618	27.3	-4.8	-1.2	73.0	76.9	-0.5	210.0	143.1	11.6	118.9
16:47:30	28 11.6	-88 31.4	47.2	-96.7	107.6	1621	153.0	1.9	-0.6	843.8	73.6	26.4	19.5	9.9	9.9	6.1
16:47:30	28 11.2	-88 30.3	49.7	-97.1	109.1	1611	85.7	2.0	-0.6	848.0	73.6	26.1	19.1	12.0	12.0	-37.5
16:47:30	28 10.8	-88 31.1	49.1	-96.4	108.2	1605	18.4	-3.5	-14.0	73.9	80.6	-0.0	-6.4	50.0	50.0	53.7
16:47:30	28 10.8	-88 31.1	306.8	334.4	1477	1620	27.3	-5.6	-1.5	73.5	77.4	-0.5	210.7	142.2	11.9	119.3
16:48:00	28 10.0	-88 30.6	47.3	-96.8	107.7	1621	152.9	1.9	-0.5	843.8	73.6	26.3	19.5	9.8	9.8	-37.3
16:48:00	28 9.7	-88 29.4	49.8	-97.2	109.2	1611	85.6	2.0	-0.6	848.0	73.6	26.1	19.0	12.0	12.0	-37.6
16:48:00	28 9.3	-88 30.2	49.2	-96.5	108.3	1607	18.3	-3.9	-14.1	74.0	80.7	-0.0	-6.4	50.0	50.0	53.9
16:48:00	28 9.3	-88 30.2	306.7	334.3	1476	1619	27.1	-5.9	-1.6	73.6	77.5	-0.5	210.8	140.9	11.8	119.3
16:48:30	28 8.5	-88 29.7	47.0	-97.1	107.9	1622	153.0	1.8	-0.6	843.7	73.8	26.3	19.4	10.4	10.4	-20.3
16:48:30	28 8.1	-88 28.5	49.5	-97.4	109.3	1613	85.7	1.9	-0.7	847.9	73.8	26.0	19.0	12.5	12.5	-37.6
16:48:30	28 7.7	-88 29.3	48.9	-96.7	108.3	1613	18.2	-4.0	-14.3	74.1	80.7	-0.0	-6.4	50.0	50.0	56.0
16:48:30	28 7.7	-88 29.3	306.7	335.3	1477	1620	24.9	-5.9	-1.6	73.7	77.6	-0.5	211.0	140.6	11.8	119.4
16:49:00	28 6.9	-88 28.9	47.1	-97.3	108.1	1620	153.0	1.9	-0.6	843.9	73.7	26.3	19.4	10.7	10.7	-35.3
16:49:00	28 6.5	-88 27.6	49.5	-97.6	109.4	1610	85.6	2.0	-0.8	848.1	73.7	26.0	19.0	12.9	12.9	29.0
16:49:00	28 6.1	-88 28.4	48.9	-96.9	108.5	1611	18.1	-3.4	-14.0	74.0	80.7	-0.0	-6.4	50.0	50.0	57.4
16:49:00	28 6.1	-88 28.4	306.6	335.9	1476	1618	26.4	-5.9	-1.6	73.6	77.6	-0.5	210.9	139.7	11.6	119.4
16:49:30	28 5.3	-88 28.0	47.1	-97.8	108.5	1622	152.9	1.7	-0.7	843.8	74.0	26.3	19.4	10.7	10.7	-32.2
16:49:30	28 4.9	-88 26.7	49.4	-98.0	109.8	1612	85.7	1.9	-0.8	848.0	74.0	26.0	19.0	12.7	12.7	23.4
16:49:30	28 4.6	-88 27.5	48.9	-97.3	108.9	1610	18.2	-4.0	-14.1	74.4	81.0	-0.0	-6.4	50.0	50.0	57.3
16:49:30	28 4.6	-88 27.5	306.7	335.9	1476	1619	26.9	-5.1	-1.3	73.9	77.9	-0.5	211.3	139.1	11.4	119.6
16:50:00	28 3.7	-88 27.1	47.3	-98.3	109.1	1621	152.9	1.8	-0.7	843.9	74.0	26.3	19.4	10.8	10.8	-24.2
16:50:00	28 3.3	-88 25.8	49.5	-98.6	110.3	1611	85.6	1.9	-0.7	848.1	74.0	26.1	19.0	13.0	13.0	19.2
16:50:00	28 3.0	-88 26.6	49.0	-97.8	109.4	1612	18.3	-4.4	-14.2	74.4	81.0	-0.0	-6.4	50.0	50.0	57.6
16:50:00	28 3.0	-88 26.6	306.7	336.1	1475	1618	25.4	-5.3	-1.4	73.9	77.9	-0.5	211.3	137.3	10.9	119.6
16:50:30	28 2.1	-88 26.3	47.6	-98.4	109.3	1621	153.1	1.8	-0.7	843.9	74.2	26.6	19.7	9.4	9.4	-24.5
16:50:30	28 1.7	-88 24.9	49.7	-98.6	110.4	1611	85.7	1.9	-0.8	848.2	74.2	26.3	19.3	11.6	11.6	15.9
16:50:30	28 1.4	-88 25.7	49.2	-97.8	109.5	1612	18.5	-4.2	-14.2	74.6	81.2	-0.0	-6.5	50.0	50.0	51.5
16:50:30	28 1.4	-88 25.7	307.0	333.8	1475	1618	27.0	-5.5	-1.5	74.1	78.1	-0.5	211.5	139.8	10.7	119.8
16:51:00	28 0.5	-88 25.4	48.0	-98.3	109.4	1621	153.0	1.9	-0.7	843.9	74.3	26.6	19.7	8.9	8.9	-11.8
16:51:00	28 0.1	-88 23.9	50.1	-98.4	110.4	1610	85.6	2.0	-0.8	848.2	74.3	26.4	19.3	11.1	11.1	14.4
16:51:00	27 59.8	-88 24.8	49.6	-97.7	109.5	1611	18.6	-4.0	-14.1	74.6	81.3	-0.0	-6.5	50.0	50.0	49.9
16:51:00	27 59.8	-88 24.8	307.0	333.0	1475	1617	27.1	-5.3	-1.4	74.2	78.1	-0.5	211.6	141.3	10.6	119.8

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:51:30	27 58.9	-88 24.5	48.0	-98.6	109.6	1621	152.9	1.7	-0.6	843.9	74.3	26.6	19.7	8.8	8.8	-23.9
16:51:30	27 58.5	-88 23.0	49.9	-98.6	110.6	1611	85.7	1.9	-0.7	848.1	74.3	26.4	19.3	11.1	11.1	13.1
16:51:30	27 58.2	-88 23.9	49.5	-97.9	109.7	1613	18.5	-4.5	-14.3	74.7	81.3	-0.0	-6.5	50.0	50.0	49.6
16:51:30	27 58.2	-88 23.9	307.0	332.9	1476	1618	27.0	-5.0	-1.3	74.3	78.2	-0.5	211.7	140.4	10.5	119.9
16:52:00	27 57.3	-88 23.6	48.2	-98.8	109.9	1621	152.9	1.7	-0.8	843.9	74.7	26.5	19.6	9.4	9.4	-21.2
16:52:00	27 56.9	-88 22.1	50.1	-98.8	110.8	1610	85.7	1.9	-0.9	848.1	74.7	26.3	19.1	11.6	11.6	11.6
16:52:00	27 56.6	-88 23.0	49.7	-98.1	109.9	1614	18.4	-4.9	-14.4	75.1	81.8	-0.0	-6.5	50.0	50.0	52.1
16:52:00	27 56.6	-88 23.0	306.8	333.7	1476	1618	27.0	-5.7	-1.6	74.6	78.6	-0.5	212.3	140.1	10.5	120.2
16:52:30	27 55.7	-88 22.8	48.1	-98.9	110.0	1620	153.0	1.7	-0.9	843.8	74.9	26.5	19.5	10.3	10.3	-24.7
16:52:30	27 55.3	-88 21.2	49.9	-98.9	110.8	1612	85.7	1.8	-1.0	848.0	74.9	26.2	19.1	12.2	12.2	10.6
16:52:30	27 55.0	-88 22.1	49.5	-98.2	110.0	1616	18.4	-5.0	-14.6	75.2	81.9	-0.0	-6.5	50.0	50.0	55.5
16:52:30	27 55.0	-88 22.1	306.8	335.3	1476	1619	27.3	-5.4	-1.5	74.8	78.8	-0.5	212.5	140.6	10.5	120.3
16:53:00	27 54.1	-88 21.9	48.2	-98.6	109.8	1619	153.0	2.0	-0.8	844.1	73.8	26.5	19.6	10.9	10.9	-37.3
16:53:00	27 53.7	-88 20.3	49.9	-98.6	110.5	1608	85.7	2.2	-0.9	848.3	73.8	26.2	19.2	13.0	13.0	-37.6
16:53:00	27 53.4	-88 21.2	49.5	-97.9	109.7	1615	18.4	-3.6	-14.5	74.2	80.8	-0.0	-6.4	50.0	50.0	57.3
16:53:00	27 53.4	-88 21.2	306.8	336.4	1474	1617	27.3	-5.5	-1.5	73.7	77.7	-0.5	211.0	141.3	9.9	119.5
16:53:30	27 52.5	-88 21.0	48.0	-98.5	109.6	1621	152.8	1.8	-0.6	843.9	74.1	26.3	19.4	11.1	11.1	-37.3
16:53:30	27 52.1	-88 19.4	49.6	-98.4	110.2	1612	85.6	2.0	-0.7	848.1	74.2	26.0	18.9	13.2	13.2	-37.6
16:53:30	27 51.8	-88 20.3	49.3	-97.7	109.4	1618	18.2	-4.2	-14.6	74.5	81.2	-0.0	-6.5	50.0	50.0	59.1
16:53:30	27 51.9	-88 20.3	306.6	336.7	1476	1619	27.3	-5.3	-1.4	74.1	78.0	-0.5	211.5	139.3	10.4	119.7
16:54:00	27 50.9	-88 20.1	47.7	-99.2	110.0	1623	152.8	1.6	-0.6	843.7	74.7	26.3	19.3	11.5	11.5	28.0
16:54:00	27 50.5	-88 18.5	49.2	-99.0	110.6	1612	85.6	1.8	-0.7	847.9	74.7	26.0	18.9	13.6	13.6	28.2
16:54:00	27 50.3	-88 19.4	48.9	-98.3	109.8	1619	18.1	-4.8	-14.7	75.1	81.7	-0.0	-6.5	50.0	50.0	60.7
16:54:00	27 50.3	-88 19.4	306.6	337.2	1477	1620	27.3	-5.2	-1.4	74.6	78.6	-0.5	212.2	136.2	10.6	120.1
16:54:30	27 49.3	-88 19.2	48.2	-99.5	110.6	1621	153.0	1.7	-0.9	843.9	75.4	26.3	19.3	11.6	11.6	23.8
16:54:30	27 48.9	-88 17.6	49.6	-99.4	111.1	1610	85.7	1.8	-1.0	848.2	75.4	26.0	18.9	13.6	13.6	23.9
16:54:30	27 48.7	-88 18.5	49.4	-98.7	110.3	1617	18.0	-5.6	-14.7	75.8	82.4	-0.0	-6.6	50.0	50.0	61.3
16:54:30	27 48.7	-88 18.5	306.5	337.4	1475	1618	27.2	-5.1	-1.4	75.3	79.4	-0.5	213.2	139.8	10.4	120.7
16:55:00	27 47.7	-88 18.4	48.3	-100.0	111.1	1619	153.0	1.7	-0.6	843.9	74.6	26.7	19.8	10.1	10.1	19.8
16:55:00	27 47.3	-88 16.7	49.5	-99.8	111.4	1609	85.6	1.8	-0.7	848.1	74.6	26.5	19.3	12.3	12.3	20.0
16:55:00	27 47.1	-88 17.6	49.3	-99.1	110.7	1617	18.5	-5.0	-15.0	75.0	81.6	-0.0	-6.5	50.0	50.0	53.7
16:55:00	27 47.1	-88 17.6	307.0	335.1	1475	1618	27.3	-5.1	-1.4	74.5	78.5	-0.5	212.1	136.4	9.5	120.1
16:55:30	27 46.1	-88 17.5	48.2	-100.3	111.3	1621	152.9	1.7	-0.6	843.9	74.9	26.8	19.8	9.3	9.3	16.8
16:55:30	27 45.6	-88 15.8	49.4	-100.0	111.5	1611	85.6	1.9	-0.7	848.2	74.9	26.5	19.4	11.6	11.6	16.9
16:55:30	27 45.4	-88 16.7	49.2	-99.4	110.9	1616	18.6	-5.5	-15.1	75.3	81.8	-0.0	-6.5	50.0	50.0	50.8
16:55:30	27 45.5	-88 16.7	307.1	333.8	1475	1618	27.3	-5.2	-1.5	74.8	78.9	-0.5	212.5	134.5	9.5	120.3
16:56:00	27 44.4	-88 16.6	46.9	-100.9	111.3	1619	153.3	1.8	-0.5	843.9	75.8	26.6	19.6	12.0	12.0	14.8
16:56:00	27 44.0	-88 14.9	47.9	-100.6	111.5	1608	86.1	1.9	-0.5	848.3	75.8	26.3	19.1	13.5	13.5	14.9
16:56:00	27 43.8	-88 15.8	47.8	-100.0	110.8	1616	18.3	-5.8	-14.8	76.1	82.8	-0.0	-6.6	50.0	50.0	62.0
16:56:00	27 43.8	-88 15.8	306.8	338.5	1474	1617	27.0	-5.9	-1.7	75.7	79.8	-0.5	213.8	132.3	10.5	121.0

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:56:30	27 42.8	-88 15.8	46.6	-100.8	111.1	1619	153.4	1.8	-0.6	843.9	75.6	26.5	19.5	11.6	11.6	13.6
16:56:30	27 42.4	-88 14.0	47.6	-100.5	111.2	1609	86.1	1.9	-0.7	848.2	75.6	26.2	19.0	13.9	13.9	13.6
16:56:30	27 42.2	-88 14.9	47.5	-99.9	110.6	1615	18.2	-5.6	-14.9	76.1	82.7	-0.0	-6.6	50.0	50.0	61.0
16:56:30	27 42.2	-88 14.9	306.7	337.7	1474	1618	25.9	-4.2	-1.1	75.5	79.6	-0.5	213.5	133.6	10.4	120.9
16:57:00	27 41.2	-88 14.9	47.0	-100.5	110.9	1619	153.3	1.8	-0.8	844.0	75.3	26.4	19.4	11.3	11.3	12.4
16:57:00	27 40.8	-88 13.1	47.9	-100.1	110.9	1609	86.0	1.9	-0.9	848.2	75.3	26.1

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:01:30	27 26.1	-88 8.1	36.3	-105.5	111.6	1620	159.5	1.8	-0.6	843.9	74.9	26.8	19.8	9.9	9.9	-24.4
17:01:30	27 25.8	-88 6.2	36.1	-104.7	110.8	1606	92.3	1.9	-0.7	848.1	74.9	26.5	19.3	12.0	12.0	-37.6
17:01:30	27 25.7	-88 7.2	36.3	-104.4	110.5	1614	18.5	-5.2	-15.3	75.2	81.9	-0.0	-6.5	50.0	50.0	53.1
17:01:30	27 25.7	-88 7.2	307.0	334.8	1476	1621	27.4	-6.1	-1.7	74.8	78.8	-0.5	212.6	139.0	9.4	120.4
17:02:00	27 24.4	-88 7.4	36.6	-105.7	111.8	1621	159.5	1.7	-0.7	843.8	75.1	26.5	19.5	9.9	9.9	-23.7
17:02:00	27 24.1	-88 5.6	36.3	-104.9	111.0	1609	92.2	1.8	-0.7	848.0	75.1	26.2	19.1	12.2	12.2	-37.6
17:02:00	27 24.0	-88 6.5	36.5	-104.6	110.8	1615	18.3	-5.7	-15.4	75.5	82.1	-0.0	-6.5	50.0	50.0	53.9
17:02:00	27 24.0	-88 6.5	306.8	334.5	1477	1622	27.4	-4.8	-1.3	75.0	79.1	-0.5	212.8	141.6	9.1	120.5
17:02:30	27 22.7	-88 6.8	36.2	-105.4	111.4	1618	159.3	2.0	-0.6	844.1	74.0	26.6	19.7	10.6	10.6	-37.3
17:02:30	27 22.4	-88 4.9	35.8	-104.6	110.5	1604	92.0	2.1	-0.6	848.3	74.0	26.3	19.2	12.8	12.8	-37.6
17:02:30	27 22.3	-88 5.9	36.0	-104.3	110.3	1614	18.5	-4.8	-15.4	74.4	81.0	-0.0	-6.4	50.0	50.0	56.2
17:02:30	27 22.3	-88 5.9	306.9	336.0	1474	1619	27.4	-4.5	-1.1	73.9	77.9	-0.5	211.3	135.9	9.0	119.7
17:03:00	27 21.0	-88 6.1	36.2	-105.1	111.2	1619	159.6	1.8	-0.7	844.0	74.0	26.2	19.3	10.2	10.2	-37.3
17:03:00	27 20.7	-88 4.3	35.7	-104.3	110.2	1607	92.2	1.9	-0.8	848.2	74.0	25.9	18.9	12.5	12.5	-37.6
17:03:00	27 20.6	-88 5.2	35.9	-104.0	110.0	1616	18.1	-4.3	-15.4	74.3	81.0	-0.0	-6.4	50.0	50.0	55.9
17:03:00	27 20.6	-88 5.2	306.6	334.9	1475	1621	27.4	-5.8	-1.6	73.9	77.8	-0.5	211.3	139.2	9.0	119.6
17:03:30	27 19.3	-88 5.5	36.3	-105.4	111.4	1621	159.5	1.8	-0.7	844.0	73.7	26.1	19.3	10.7	10.7	27.9
17:03:30	27 19.0	-88 3.6	35.7	-104.4	110.4	1606	92.2	1.9	-0.7	848.1	73.7	25.9	18.8	13.0	13.0	-37.6
17:03:30	27 18.9	-88 4.6	36.0	-104.2	110.3	1617	18.1	-4.6	-15.5	74.1	80.7	-0.0	-6.4	50.0	50.0	58.0
17:03:30	27 18.9	-88 4.6	306.5	335.8	1475	1620	27.2	-5.7	-1.6	73.7	77.6	-0.5	210.9	137.3	8.6	119.4
17:04:00	27 17.5	-88 4.8	36.1	-105.6	111.6	1619	159.4	1.8	-0.8	844.0	73.9	26.4	19.6	10.8	10.8	25.1
17:04:00	27 17.3	-88 3.0	35.4	-104.6	110.5	1605	92.1	2.0	-0.8	848.3	73.9	26.2	19.1	12.9	12.9	-37.6
17:04:00	27 17.2	-88 3.9	35.7	-104.4	110.4	1613	18.2	-4.5	-15.2	74.3	80.8	-0.0	-6.4	50.0	50.0	57.2
17:04:00	27 17.2	-88 3.9	306.8	336.2	1474	1619	27.2	-4.5	-1.1	73.8	77.7	-0.5	211.1	136.2	8.6	119.5
17:04:30	27 15.8	-88 4.1	36.4	-106.1	112.2	1620	159.4	1.8	-0.7	844.0	73.9	26.0	19.1	11.4	11.4	23.1
17:04:30	27 15.6	-88 2.3	35.5	-105.2	111.0	1606	92.1	1.9	-0.8	848.2	73.9	25.7	18.7	13.4	13.4	-37.6
17:04:30	27 15.5	-88 3.3	35.9	-105.0	111.0	1614	17.9	-4.7	-15.3	74.3	81.0	-0.0	-6.4	50.0	50.0	61.2
17:04:30	27 15.5	-88 3.3	306.3	336.8	1475	1620	27.3	-5.4	-1.4	73.9	77.8	-0.5	211.2	134.0	8.1	119.5
17:05:00	27 14.1	-88 3.5	38.7	-105.5	112.4	1618	158.3	1.9	-1.3	844.1	73.8	25.7	18.9	12.4	12.4	20.5
17:05:00	27 13.9	-88 1.7	37.8	-104.5	111.1	1606	90.9	2.0	-1.4	848.3	73.8	25.4	18.4	14.6	14.6	-37.6
17:05:00	27 13.8	-88 2.6	38.1	-104.4	111.1	1614	17.6	-4.2	-15.2	74.2	80.8	-0.0	-6.4	50.0	50.0	66.6
17:05:00	27 13.8	-88 2.6	306.0	338.6	1474	1619	27.1	-5.2	-1.4	73.7	77.6	-0.5	211.0	133.1	7.7	119.3
17:05:30	27 12.4	-88 2.7	40.0	-105.0	112.4	1620	157.9	1.8	-0.9	844.0	73.6	25.8	19.0	12.7	12.7	18.7
17:05:30	27 12.2	-88 1.0	38.9	-104.0	111.0	1605	90.6	1.9	-0.9	848.1	73.7	25.6	18.5	15.1	15.1	-37.6
17:05:30	27 12.1	-88 1.9	39.3	-103.9	111.1	1617	17.7	-4.6	-15.3	74.0	80.6	-0.0	-6.4	50.0	50.0	67.4
17:05:30	27 12.1	-88 1.9	306.2	339.4	1476	1621	27.1	-4.8	-1.2	73.6	77.5	-0.5	210.8	136.6	7.4	119.3
17:06:00	27 10.7	-88 2.0	40.1	-105.3	112.6	1620	157.8	1.8	-0.5	844.0	74.2	25.6	18.7	14.2	14.2	16.7
17:06:00	27 10.5	-88 0.3	38.9	-104.2	111.2	1606	90.5	1.9	-0.5	848.2	74.2	25.3	18.2	16.3	16.3	-37.6
17:06:00	27 10.4	-88 1.2	39.3	-104.1	111.3	1617	17.5	-4.3	-15.0	74.5	81.2	-0.0	-6.5	50.0	50.0	75.8
17:06:00	27 10.4	-88 1.2	305.9	342.4	1475	1619	23.5	-4.6	-1.2	74.1	78.0	-0.5	211.5	136.0	7.5	119.6

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:06:30	27 9.0	-88 1.3	40.1	-105.4	112.8	1622	157.4	1.3	0.2	843.7	74.3	24.8	18.0	13.6	13.6	14.7
17:06:30	27 8.8	-87 59.6	38.8	-104.3	111.3	1607	90.1	1.4	0.1	847.9	74.3	24.5	17.5	18.7	18.7	-37.6
17:06:30	27 8.8	-88 0.5	39.1	-104.3	111.4	1617	17.1	-13.4	-20.9	75.2	80.7	-0.0	-6.5	50.0	50.0	76.6
17:06:30	27 8.8	-88 0.5	305.1	340.2	1478	1621	18.9	1.0	1.7	74.0	78.7	-0.4	211.7	135.8	7.3	119.6
17:07:00	27 7.3	-88 0.6	40.4	-104.8	112.3	1622	157.9	1.9	-0.8	843.9	74.6	26.1	19.2	10.3	10.3	13.4
17:07:00	27 7.1	-87 58.9	39.1	-103.7	110.8	1607	90.6	2.1	-0.9	848.1	74.6	25.9	18.8	12.3	12.3	-37.6
17:07:00	27 7.1	-87 59.7	39.6	-103.6	110.9	1617	18.0	-5.4	-18.4	75.1	81.7	-0.0	-6.5	50.0	50.0	56.7
17:07:00	27 7.1	-87 59.8	306.4	334.9	1476	1621	27.3	-4.5	-1.9	74.5	78.5	-0.5	212.2	142.8	8.0	120.0
17:07:30	27 5.6	-87 59.8	40.5	-104.9	112.4	1620	157.8	1.8	-0.5	843.9	74.1	26.0	19.1	10.9	10.9	12.1
17:07:30	27 5.4	-87 58.2	39.0	-103.7	110.8	1607	90.5	1.9	-0.5	848.0	74.1	25.7	18.7	12.7	12.7	-37.6
17:07:30	27 5.4	-87 59.0	39.6	-103.7	111.0	1617	18.0	-4.8	-17.2	74.5	81.1	-0.0	-6.5	50.0	50.0	59.1
17:07:30	27 5.4	-87 59.0	306.3	335.8	1476	1621	27.2	-5.4	-1.5	74.0	78.0	-0.5	211.4	139.6	7.6	119.6
17:08:00	27 3.9	-87 59.1	40.4	-105.4	112.9	1621	157.8	1.8	-0.5	843.9	74.7	26.1	19.2	10.2	10.2	11.3
17:08:00	27 3.7	-87 57.5	38.8	-104.2	111.3	1606	90.5	1.9	-0.6	848.1	74.7	25.9	18.8	12.3	12.3	28.8
17:08:00	27 3.7	-87 58.3	39.4	-104.2	111.4	1617	18.1	-5.4	-16.7	75.1	81.7	-0.0	-6.5	50.0	50.0	56.1
17:08:00	27 3.7	-87 58.3	306.4	334.6	1476	1622	27.3	-4.9	-1.3	74.6	78.7	-0.5	212.3	137.9	7.7	120.1
17:08:30	27 2.2	-87 58.4	40.6	-105.5	113.0	1621	157.8	1.8	-0.7	843.9	74.5	26.4	19.4	9.9	9.9	7.9
17:08:30	27 2.0	-87 56.7	38.9	-104.3	111.3	1607	90.5	1.9	-0.7	848.1	74.5	26.1	19.0	12.0	12.0	27.3
17:08:30	27 2.0	-87 57.6	39.5	-104.3	111.6	1614	18.2	-5.3	-16.3	74.9	81.5	-0.0	-6.5	50.0	50.0	54.2
17:08:30	27 2.0	-87 57.6	306.7	334.4	1476	1622	27.4	-4.7	-1.3	74.4	78.5	-0.5	212.0	139.4	7.3	120.0
17:09:00	27 0.5	-87 57.6	40.9	-105.9	113.6	1623	157.8	1.6	-0.7	843.8	74.8	26.0	19.0	11.5	11.5	-24.7
17:09:00	27 0.3	-87 56.0	39.1	-104.7	111.8	1608	90.5	1.7	-0.8	848.0	74.8	25.7	18.6	13.2	13.2	25.7
17:09:00	27 0.3	-87 56.9	39.7	-104.8	112.1	1615	17.8	-6.0	-16.3	75.2	81.8	-0.0	-6.5	50.0	50.0	62.1
17:09:00	27 0.4	-87 56.9	306.2	337.0	1476	1624	27.3	-4.7	-1.3	74.7	78.8	-0.5	212.4	138.6	7.0	120.2
17:09:30	26 58.7	-87 56.9	37.7	-107.5	113.9	1621	160.2*	1.7	7.4	843.7	75.0	26.2	19.3	10.4	10.4	-24.6
17:09:30	26 58.6	-87 55.3	35.8	-106.3	112.1	1607	92.9*	1.9	7.3	848.2	75.0	25.9	18.8	12.6	12.6	24.2
17:09:30	26 58.6	-87 56.2	37.1	-106.1	112.4	1613	18.2	-5.2	-15.9	75.2	82.0	-0.0	-6.5	50.0	50.0	56.8
17:09:30	26 58.6	-87 56.2	306.5	335.1	1475	1622	27.3	-7.6	-2.1	74.9	79.2	-0.5	212.7	144.7	6.7	120.3
17:10:00	26 57.0	-87 56.3	25.1	-110.9	113.7	1620	165.8	1.9	1.4*	843.9	74.4	26.8	19.9	8.4	8.4	-24.1
17:10:00	26 56.9	-87 54.8	23.2	-109.7	112.1	1606	98.5	2.1	1.3*	848.2	74.4	26.5	19.4	9.8	9.8	21.4
17:10:00	26 56.8	-87 55.6	24.0	-109.8	112.4	1613	18.7	-5.8	-16.2	74.9	81.4	-0.0	-6.5	50.0	50.0	47.4
17:10:00	26 56.8	-87 55.6	307.1	332.2	1475	1621	27.3	-5.1	-1.3	74.3	78.5	-0.5	211.9	139.3	7.0	120.0
17:10:30	26 55.2	-87 55.9	23.5	-111.1	113.6	1622	166.3	1.7	-0.8	843.8	74.4	26.4	19.5	9.2	9.2	-24.2
17:10:30	26 55.1	-87 54.4	21.5	-109.9	112.0	1609	99.0	1.8	-0.9	847.9	74.4	26.2	19.1	11.6	11.6	19.6
17:10:30	26 55.1	-87 55.2	22.1	-110.0	112.2	1618	18.2	-5.3	-15.9	74.9	81.5	-0.0	-6.5	50.0	50.0	51.3
17:10:30	26 55.1	-87 55.2	306.8	333.2	1477	1624	27.3	-5.1	-1.4	74.3	78.4	-0.5	211.9	136.7	7.3	119.9
17:11:00	26 53.3	-87 55.5	23.3	-111.8	114.2	1622	166.6	1.6	-0.6	843.9	75.3	27.0	20.0	8.4	8.4	-24.2
17:11:00	26 53.3	-87 54.0	21.2	-110.6	112.6	1606	99.3	1.8	-0.7	848.1	75.3	26.7	19.5	10.3	10.3	17.7
17:11:00	26 53.3	-87 54.8	21.9	-110.7	112.9	1617	18.8	-6.0	-15.7	75.7	82.3	-0.0	-6.6	50.0	50.0	47.2
17:11:00	26 53.4	-87 54.9	307.2	332.3	1475	1622	27.4	-5.6	-1.6	75.2	79.2	-0.5	213.0	138.5	7.3	120.6

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:11:30	26 51.5	-87 55.1	22.9	-112.0	114.3	1620	166.8	1.8	-0.9	843.9	75.1	26.7	19.7	8.7	8.7	-24.2
17:11:30	26 51.5	-87 53.7	20.7	-110.8	112.7	1606	99.5	1.9	-0.9	848.2	75.1	26.5	19.3	10.8	10.8	15.9
17:11:30	26 51.5	-87 54.4	21.3	-111.0	113.0	1617	18.4	-5.9	-15.9	75.5	82.1	-0.0	-6.5	50.0	50.0	48.8
17:11:30	26 51.5	-87 54.4	307.0	332.5	1475	1622	24.1	-5.6	-1.5	75.0	79.0	-0.5	212.8	135.7	7.2	120.5
17:12:00	26 49.7	-87 54.6	22.3	-112.0	114.2	1621	166.7	1.8	-0.4	843.9	74.1	26.7	19.8	9.2	9.2	-24.5
17:12:00	26 49.7	-87 53.3	20.0	-110.7	112.5	1607	99.4	1.9	-0.5	848.1	74.1	26.4	19.3	11.5	11.5	14.2
17:12:00	26 49.7	-87 54.1	20.7	-110.9	112.8	1617	18.5	-5.2	-16.1	74.5	81.1	-0.0	-6.5	50.0	50.0	50.8
17:12:00	26 49.7	-87 54.1	307.0	333.6	1476	1622	27.1	-4.7	-1.2	74.0	78.0	-0.5	211.4	129.6	7.0	119.7
17:12:30	26 47.9	-87 54.3	21.5	-112.1	114.2	1622	167.1	1.6	-0.8	843.6	75.4	26.7	19.7	9.4	9.4	-37.3
17:12:30	26 47.9	-87 52.9	19.2	-110.9	112.5	1608	99.8	1.7	-0.9	847.9	75.4	26.4	19.2	11.6	11.6	-37.6
17:12:30	26 47.9	-87 53.7	19.9	-111.1	112.9	1620	18.5	-6.2	-16.0	75.8	82.4	-0.0	-6.6	50.0	50.0	51.9
17:12:30	26 47.9	-87 53.7	306.9	333.8	1478	1624	27.1	-5.5	-1.6	75.3	79.4	-0.5	213.2	133.3	7.9	120.7
17:13:00	26 46.1	-87 53.9	22.2	-112.6	114.8	1622	166.9	1.5	-0.8	843.7	75.7	26.3	19.3	9.6	9.6	28.5
17:13:00	26 46.1	-87 52.6	19.8	-111.3	113.1	1608	99.5	1.6	-0.9	848.0	75.7	26.0	18.8	11.8	11.8	-37.6
17:13:00	26 46.1	-87 53.3	20.5	-111.6	113.5	1617	18.0	-6.9	-16.3	76.1	82.7	-0.0	-6.6	50.0	50.0	53.5
17:13:00	26 46.1	-87 53.3	306.5	333.6	1476	1623	27.4	-4.9	-1.4	75.5	79.6	-0.5	213.6	133.0	7.3	120.8
17:13:30	26 44.2	-87 53.5	21.4	-113.2	115.2	1619	166.9	1.7	-0.6	843.8	76.0	26.8	19.7	10.0	10.0	26.4
17:13:30	26 44.3	-87 52.2	18.9	-112.0	113.6	1605	99.6	1.8	-0.7	848.2	76.0	26.5	19.3	12.1	12.1	-37.6
17:13:30	26 44.2	-87 52.9	19.7	-112.2	114.0	1617	18.5	-6.9	-16.0	76.4	83.1	-0.0	-6.6	50.0	50.0	53.7
17:13:30	26 44.2	-87 53.0	307.0	334.9	1475	1622	27.3	-4.9	-1.4	75.9	80.0	-0.5	214.0	127.2	7.8	121.2
17:14:00	26 42.4	-87 53.1	22.2	-112.2	114.4	1621	166.8	1.5	-0.8	843.7	75.3	25.7	18.8	12.5	12.5	25.3
17:14:00	26 42.5	-87 51.9	19.7	-111.0	112.7	1609	99.5	1.6	-0.9	847.9	75.3	25.5	18.3	15.0	15.0	-37.6
17:14:00	26 42.4	-87 52.6	20.4	-111.3	113.1	1618	17.5	-6.5	-16.4	75.7	82.2	-0.0	-6.5	50.0	50.0	67.3
17:14:00	26 42.4	-87 52.6	306.0	338.7	1478	1624	27.3	-4.6	-1.3	75.2	79.2	-0.5	213.0	133.3	7.4	120.5
17:14:30	26 40.6	-87 52.7	21.4	-111.1	113.2	1617	167.1	2.1	-0.5	844.1	73.8	26.0	19.1	11.4	11.4	23.5
17:14:30	26 40.7	-87 51.5	18.8	-109.9	111.5	1603	99.8	2.2	-0.6	848.3	73.8	25.7	18.7	15.0	15.0	-37.6
17:14:30	26 40.6	-87 52.2	19.6	-110.2	111.9	1613	18.0	-4.8	-16.1	74.1	80.7	-0.0	-6.4	50.0	50.0	61.3
17:14:30	26 40.6	-87 52.2	306.3	336.8	1474	1619	27.1	-6.0	-1.6	73.7	77.7	-0.5	211.0	132.3	7.5	119.4
17:15:00	26 38.8	-87 52.3	21.4	-109.8	111.8	1621	167.0	1.7	-0.5	843.9	72.0	26.0	19.3	12.0	12.0	20.9
17:15:00	26 38.9	-87 51.2	18.7	-108.5	110.1	1606	99.7	1.9	-0.6	847.9	72.0	25.7	18.8	14.1	14.1	-37.6
17:15:00	26 38.9	-87 51.9	19.5	-108.8	110.6	1616	17.9	-3.9	-15.1	72.2	78.8	-0.0	-6.3	50.0	50.0	63.2
17:15:00	26 38.9	-87 51.9	306.5	338.3	1478	1623	27.2	-6.1	-1.7	71.9	75.7	-0.5	208.4	132.1	7.6	118.0
17:15:30	26 37.0	-87 51.9	21.1	-109.2	111.3	1615	167.0	2.1	-1.1	844.3	71.5	26.2	19.6	9.1	9.1	19.1
17:15:30	26 37.2	-87 50.9	18.4	-108.0	109.5	1601	99.8	2.2	-1.2	848.3	71.5	26.0	19.1	11.5	11.5	-37.6
17:15:30	26 37.1	-87 51.5	19.2	-108.4	110.1	1612	18.1	-1.9	-14.3	71.8	78.3	-0.0	-6.2	50.0	50.0	50.7
17:15:30	26 37.1	-87 51.5	306.8	333.0	1473	1618	27.2	-4.7	-1.2	71.4	75.1	-0.5	207.7	134.4	7.5	117.6
17:16:00	26 35.3	-87 51.5	20.9	-107.4	109.4	1618	166.9	2.2	-1.1	844.2	69.8	26.2	19.7	9.6	9.6	-23.5
17:16:00	26 35.4	-87 50.5	18.1	-106.1	107.6	1604	99.6	2.3	-1.2	848.2	69.8	25.9	19.2	11.7	11.7	-37.6
17:16:00	26 35.3	-87 51.2	18.8	-106.5	108.2	1612	18.2	-0.8	-13.6	70.3	76.6	-0.0	-6.1	50.0	50.0	52.4
17:16:00	26 35.3	-87 51.2	306.9	334.1	1475	1620	27.4	-2.5	-0.4	69.7	73.4	-0.5	205.3	138.3	7.9	116.2

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:16:30	26 33.5	-87 51.1	20.9	-107.1	109.2	1615	166.5	2.4	-0.6	844.3	70.0	25.8	19.3	10.6	10.6	-23.9
17:16:30	26 33.7	-87 50.2	18.1	-105.9	107.5	1603	99.2	2.5	-0.7	848.3	70.0	25.5	18.8	13.4	13.4	-37.6
17:16:30	26 33.6	-87 50.8	19.0	-106.3	108.0	1613	18.0	1.1	-12.5	70.4	76.8	-0.0	-6.1	50.0	50.0	57.3
17:16:30	26 33.6	-87 50.8	306.5	335.4	1474	1621	27.3	-4.5	-1.0	70.0	73.2	-0.5	205.6	132.9	8.7	116.4
17:17:00	26 31.8	-87 50.8	20.5	-107.7	109.6	1617	166.7	2.3	-0.6	844.2	69.0	25.6	19.2	12.1	12.1	-24.0
17:17:00	26 32.0	-87 49.9	17.6	-106.5	107.9	1604	99.3	2.4	-0.7	848.2	69.0	25.3

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:21:30	26 17.2	-87 43.3	66.6	-92.0	113.6	1617	143.5	1.7	-0.9	843.8	75.3	26.2	19.2	9.6	9.6	-23.6
17:21:30	26 17.5	-87 42.9	63.6	-90.9	110.9	1605	76.2	1.8	-0.9	848.1	75.3	25.9	18.7	11.9	11.9	-37.6
17:21:30	26 17.4	-87 43.4	64.5	-91.4	111.9	1617	18.0	-6.1	-15.7	75.7	82.3	-0.0	-6.6	50.0	50.0	53.8
17:21:30	26 17.4	-87 43.4	306.4	333.5	1476	1622	27.6	-6.3	-1.8	75.2	79.3	-0.5	213.1	130.5	7.1	120.5
17:22:00	26 15.7	-87 42.1	67.6	-90.7	113.1	1618	142.1	1.6	-4.6*	843.8	74.8	26.6	19.6	9.4	9.4	-23.7
17:22:00	26 16.0	-87 41.8	64.5	-89.6	110.4	1605	74.8	1.8	-4.6*	848.0	74.9	26.3	19.2	11.6	11.6	-37.6
17:22:00	26 15.9	-87 42.2	65.1	-90.4	111.4	1616	18.3	-6.5	-15.9	75.7	81.9	-0.0	-6.5	50.0	50.0	51.6
17:22:00	26 15.9	-87 42.2	306.9	333.6	1477	1624	27.8	0.2	0.3	74.7	78.7	-0.5	212.5	129.5	7.4	120.3
17:22:30	26 14.3	-87 40.9	71.5	-86.0	111.9	1618	139.6	1.9	-0.8	843.9	72.4	26.1	19.4	9.6	9.6	-23.6
17:22:30	26 14.6	-87 40.5	68.5	-85.0	109.1	1603	72.3	1.9	-0.9	848.0	72.5	25.8	18.9	11.6	11.6	-37.6
17:22:30	26 14.5	-87 41.0	69.4	-85.6	110.1	1615	18.1	-4.3	-15.2	72.9	79.3	-0.0	-6.3	50.0	50.0	53.2
17:22:30	26 14.5	-87 41.0	306.6	333.7	1476	1622	27.6	-4.4	-1.1	72.4	76.2	-0.5	209.1	127.2	6.6	118.3
17:23:00	26 12.9	-87 39.6	71.9	-85.3	111.5	1615	139.5	2.1	-0.9	844.2	71.0	25.8	19.2	9.6	9.6	-23.5
17:23:00	26 13.3	-87 39.3	68.8	-84.3	108.8	1602	72.2	2.2	-1.0	848.2	71.0	25.5	18.7	11.6	11.6	28.9
17:23:00	26 13.1	-87 39.8	69.7	-84.9	109.8	1612	18.1	-3.0	-14.3	71.5	77.8	-0.0	-6.2	50.0	50.0	54.1
17:23:00	26 13.1	-87 39.8	306.4	333.5	1475	1619	27.6	-3.2	-0.7	70.9	74.7	-0.5	207.0	133.7	5.6	117.1
17:23:30	26 11.5	-87 38.3	71.7	-84.9	111.1	1614	139.2	2.1	-0.5	844.2	70.4	26.3	19.8	8.7	8.7	-23.8
17:23:30	26 11.9	-87 38.1	68.7	-83.9	108.4	1601	71.9	2.2	-0.6	848.2	70.4	26.1	19.3	10.9	10.9	27.0
17:23:30	26 11.7	-87 38.5	69.6	-84.5	109.5	1613	18.5	-2.0	-14.2	70.9	77.2	-0.0	-6.1	50.0	50.0	49.0
17:23:30	26 11.8	-87 38.6	307.0	332.7	1474	1620	27.8	-5.0	-1.2	70.3	74.1	-0.5	206.2	125.7	5.8	116.7
17:24:00	26 10.1	-87 37.0	70.9	-84.8	110.6	1615	139.5	2.1	-0.5	844.2	70.3	26.2	19.6	9.1	9.1	-23.7
17:24:00	26 10.5	-87 36.8	67.9	-83.9	107.9	1602	72.2	2.2	-0.6	848.2	70.3	25.9	19.2	11.2	11.2	25.6
17:24:00	26 10.3	-87 37.3	68.8	-84.5	108.9	1613	18.3	-2.3	-14.1	70.8	77.1	-0.0	-6.1	50.0	50.0	50.7
17:24:00	26 10.3	-87 37.3	306.8	333.1	1474	1619	27.8	-4.2	-0.9	70.2	74.0	-0.5	206.0	127.7	6.2	116.6
17:24:30	26 8.7	-87 35.7	70.8	-84.5	110.2	1615	139.9	2.1	-0.7	844.2	70.6	26.1	19.5	9.7	9.7	-24.9
17:24:30	26 9.2	-87 35.6	67.8	-83.6	107.6	1602	72.6	2.1	-0.8	848.2	70.6	25.8	19.1	11.8	11.8	24.1
17:24:30	26 9.0	-87 36.0	68.6	-84.2	108.6	1614	18.1	-2.7	-14.1	71.1	77.5	-0.0	-6.2	50.0	50.0	53.1
17:24:30	26 9.0	-87 36.0	306.8	334.0	1475	1620	27.6	-4.6	-1.1	70.6	74.4	-0.5	206.5	136.4	6.7	116.9
17:25:00	26 7.3	-87 34.5	54.7	-95.1	109.7	1614	149.6*	2.3	6.0	844.2	69.2	25.6	19.2	9.8	9.8	-24.7
17:25:00	26 7.8	-87 34.5	51.7	-94.3	107.6	1601	82.3*	2.4	5.9	848.3	69.2	25.3	18.7	11.8	11.8	21.8
17:25:00	26 7.6	-87 34.9	52.8	-94.7	108.5	1612	18.1	-0.9	-13.5	69.7	76.0	-0.0	-6.0	50.0	50.0	54.6
17:25:00	26 7.6	-87 34.9	306.4	333.8	1473	1618	27.7	-2.7	-0.4	69.2	72.9	-0.5	204.5	141.3	6.0	115.7
17:25:30	26 5.7	-87 33.7	44.1	-101.2	110.4	1618	155.2	2.0	0.1	844.1	69.1	25.4	18.9	11.8	11.8	-23.6
17:25:30	26 6.2	-87 33.7	41.2	-100.4	108.5	1604	87.9	2.2	0.0	848.0	69.1	25.1	18.5	13.8	13.8	19.8
17:25:30	26 6.0	-87 34.0	42.0	-101.0	109.3	1615	17.7	-0.8	-13.3	69.5	75.9	-0.0	-6.0	50.0	50.0	63.8
17:25:30	26 6.0	-87 34.1	306.1	337.5	1477	1623	27.8	-4.2	-1.0	69.1	72.6	-0.5	204.3	128.6	5.9	115.6
17:26:00	26 4.1	-87 32.9	44.0	-102.5	111.6	1620	155.0	1.8	-0.9	843.9	70.7	25.5	18.9	11.4	11.4	-24.4
17:26:00	26 4.5	-87 32.9	41.1	-101.8	109.8	1606	87.7	1.9	-1.0	847.8	70.7	25.2	18.5	13.6	13.6	17.8
17:26:00	26 4.3	-87 33.3	41.8	-102.3	110.6	1617	17.6	-3.4	-14.1	71.1	77.5	-0.0	-6.2	50.0	50.0	61.9
17:26:00	26 4.3	-87 33.3	306.2	336.6	1478	1625	27.9	-5.1	-1.3	70.6	74.3	-0.5	206.6	120.7	6.5	116.9

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:26:30	26 2.4	-87 32.1	45.1	-102.9	112.4	1616	155.1	1.9	-0.8*	844.0	72.0	26.1	19.4	8.0	8.0	-24.4
17:26:30	26 2.9	-87 32.2	42.2	-102.3	110.6	1603	87.8	2.0	-0.9*	848.1	72.0	25.9	19.0	11.1	11.1	16.7
17:26:30	26 2.6	-87 32.5	42.9	-102.9	111.5	1615	18.3	-3.7	-13.8	72.5	78.9	-0.0	-6.3	50.0	50.0	47.7
17:26:30	26 2.6	-87 32.5	306.7	331.1	1476	1622	27.9	-4.2	-1.0	72.0	75.8	-0.5	208.5	130.5	6.1	118.0
17:27:00	26 0.8	-87 31.2	49.2	-100.8	112.1	1618	152.6	1.9	-0.6	843.9	72.3	26.2	19.5	9.2	9.2	28.9
17:27:00	26 1.2	-87 31.4	46.4	-100.1	110.3	1605	85.2	2.0	-0.7	848.0	72.3	25.9	19.0	11.3	11.3	-37.6
17:27:00	26 1.0	-87 31.7	47.1	-100.7	111.2	1615	18.1	-4.3	-14.3	72.7	79.2	-0.0	-6.3	50.0	50.0	51.6
17:27:00	26 1.0	-87 31.7	306.7	333.2	1476	1624	27.9	-5.1	-1.3	72.2	76.1	-0.5	208.9	126.5	6.8	118.2
17:27:30	25 59.1	-87 30.3	49.4	-101.1	112.5	1618	152.4	1.7	-0.6	843.9	72.9	26.1	19.3	9.7	9.7	28.9
17:27:30	25 59.6	-87 30.5	46.6	-100.5	110.8	1605	85.2	1.8	-0.7	848.0	73.0	25.9	18.9	11.7	11.7	-37.6
17:27:30	25 59.4	-87 30.9	47.4	-101.1	111.6	1615	18.2	-4.7	-14.2	73.3	79.9	-0.0	-6.4	50.0	50.0	53.7
17:27:30	25 59.4	-87 30.9	306.6	333.9	1476	1624	27.8	-5.5	-1.5	72.9	76.8	-0.5	209.8	124.7	7.0	118.7
17:28:00	25 57.5	-87 29.5	49.4	-101.5	112.9	1616	152.5	1.8	-0.9	844.0	73.4	26.1	19.3	9.2	9.2	28.9
17:28:00	25 58.0	-87 29.7	46.6	-101.0	111.2	1603	85.3	1.9	-0.9	848.2	73.4	25.8	18.8	11.2	11.2	-37.6
17:28:00	25 57.7	-87 30.0	47.3	-101.6	112.1	1613	17.9	-4.9	-14.3	73.8	80.3	-0.0	-6.4	50.0	50.0	52.3
17:28:00	25 57.7	-87 30.0	306.5	332.9	1475	1622	27.8	-5.3	-1.4	73.3	77.3	-0.5	210.4	124.5	6.9	119.0
17:28:30	25 55.8	-87 28.6	49.3	-100.9	112.3	1613	152.7	2.2	-0.8	844.3	72.1	26.4	19.7	9.2	9.2	25.8
17:28:30	25 56.3	-87 28.9	46.6	-100.4	110.7	1600	85.3	2.3	-0.9	848.4	72.1	26.1	19.3	11.4	11.4	-37.6
17:28:30	25 56.1	-87 29.2	47.3	-101.0	111.5	1609	18.4	-3.5	-14.2	72.4	78.9	-0.0	-6.3	50.0	50.0	50.9
17:28:30	25 56.1	-87 29.2	306.9	333.4	1473	1619	27.6	-5.9	-1.7	72.0	75.7	-0.5	208.5	125.8	6.5	118.1
17:29:00	25 54.2	-87 27.7	49.0	-100.6	111.9	1616	152.5	1.9	-0.6	844.0	71.9	26.2	19.5	9.3	9.3	28.9
17:29:00	25 54.7	-87 28.0	46.4	-100.2	110.4	1602	85.2	2.0	-0.8	848.1	71.9	26.0	19.1	11.4	11.4	-37.6
17:29:00	25 54.4	-87 28.3	47.1	-100.7	111.2	1612	18.3	-3.4	-14.2	72.3	78.8	-0.0	-6.3	50.0	50.0	51.6
17:29:00	25 54.4	-87 28.3	306.8	333.4	1476	1623	27.5	-5.0	-1.3	71.9	75.6	-0.5	208.4	124.5	6.8	118.0
17:29:30	25 52.6	-87 26.8	49.2	-100.7	112.0	1616	152.6	1.9	-0.7	843.9	72.2	26.3	19.6	9.2	9.2	28.9
17:29:30	25 53.1	-87 27.2	46.6	-100.3	110.6	1603	85.3	2.0	-0.7	848.1	72.2	26.0	19.1	11.3	11.3	-37.6
17:29:30	25 52.8	-87 27.5	47.2	-100.8	111.4	1612	18.3	-4.4	-14.4	72.5	79.1	-0.0	-6.3	50.0	50.0	51.4
17:29:30	25 52.8	-87 27.5	306.8	333.4	1476	1623	27.6	-5.5	-1.4	72.1	76.0	-0.5	208.7	126.6	6.8	118.2
17:30:00	25 50.9	-87 25.9	49.3	-100.7	112.1	1614	152.6	2.0	-0.7	844.2	71.2	26.4	19.7	9.0	9.0	-34.9
17:30:00	25 51.4	-87 26.4	46.8	-100.3	110.7	1601	85.3	2.1	-0.8	848.2	71.2	26.1	19.3	10.8	10.8	-37.6
17:30:00	25 51.2	-87 26.6	47.4	-100.9	111.5	1609	18.5	-3.6	-14.4	71.6	78.0	-0.0	-6.2	50.0	50.0	49.9
17:30:00	25 51.2	-87 26.6	307.0	333.0	1474	1621	27.7	-5.1	-1.3	71.2	74.9	-0.5	207.4	125.6	5.9	117.4
17:30:30	25 49.3	-87 25.0	49.1	-100.4	111.8	1616	152.6	2.0	-0.6	844.1	71.0	26.0	19.4	10.2	10.2	-33.6
17:30:30	25 49.8	-87 25.5	46.7	-100.1	110.5	1602	85.3	2.1	-0.7	848.2	71.0	25.7	18.9	12.9	12.9	-37.6
17:30:30	25 49.5	-87 25.8	47.3	-100.7	111.2	1610	18.0	-3.1	-14.3	71.3	77.8	-0.0	-6.2	50.0	50.0	55.7
17:30:30	25 49.5	-87 25.8	306.6	335.0	1475	1622	27.4	-5.8	-1.6	71.0	74.7	-0.5	207.1	123.5	6.2	117.2
17:31:00	25 47.7	-87 24.2	48.7	-100.2	111.4	1616	152.7	2.0	-0.7	844.2	71.0	25.8	19.1	10.6	10.6	2.8
17:31:00	25 48.2	-87 24.7	46.3	-100.0	110.2	1602	85.3	2.1	-0.8	848.2	71.0	25.5	18.7	12.9	12.9	-37.6
17:31:00	25 47.9	-87 24.9	46.9	-100.5	110.9	1610	17.8	-3.1	-14.2	71.4	77.9	-0.0	-6.2	50.0	50.0	58.0
17:31:00	25 47.9	-87 24.9	306.4	335.4	1475	1622	27.2	-5.5	-1.4	71.0	74.7	-0.5	207.1	124.8	6.5	117.2

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:31:30	25 46.0	-87 23.3	44.1	-102.3	111.4	1616	154.6	1.9	-0.2	844.0	71.2	25.9	19.3	11.3	11.3	-23.6
17:31:30	25 46.5	-87 23.9	41.8	-102.2	110.4	1602	87.3	2.0	-0.3	848.1	71.2	25.6	18.8	13.2	13.2	-37.6
17:31:30	25 46.2	-87 24.1	42.4	-102.7	111.1	1614	18.1	-3.7	-14.3	71.5	78.0	-0.0	-6.2	50.0	50.0	60.0
17:31:30	25 46.2	-87 24.1	306.5	336.8	1476	1624	27.2	-5.8	-1.6	71.1	75.0	-0.5	207.4	118.1	7.4	117.4
17:32:00	25 44.4	-87 22.6	43.3	-102.9	111.7	1617	155.0	2.0	-0.6	844.0	71.6	26.3	19.7	6.7	6.7	-24.1
17:32:00	25 44.9	-87 23.2	41.1	-102.8	110.7	1603	87.7	2.1	-0.7	848.1	71.6	26.1	19.2	9.3	9.3	-37.6
17:32:00	25 44.6	-87 23.4	41.6	-103.3	111.4	1613	18.3	-4.0	-14.3	71.9	78.5	-0.0	-6.2	50.0	50.0	43.0
17:32:00	25 44.6	-87 23.4	306.9	329.4	1476	1624	27.2	-5.9	-1.6	71.5	75.4	-0.5	207.9	117.1	7.6	117.7
17:32:30	25 42.7	-87 21.8	42.8	-103.1	111.6	1618	155.0	1.8	-0.6	843.9	71.1	26.5	19.9	7.2	7.2	-23.6
17:32:30	25 43.2	-87 22.4	40.6	-103.0	110.8	1604	87.7	1.9	-0.7	847.9	71.1	26.2	19.4	9.3	9.3	-37.6
17:32:30	25 42.9	-87 22.6	41.1	-103.5	111.4	1614	18.6	-3.3	-14.3	71.5	77.9	-0.0	-6.2	50.0	50.0	43.6
17:32:30	25 42.9	-87 22.6	307.2	330.3	1477	1625	27.3	-5.2	-1.4	71.1	74.8	-0.5	207.2	113.7	7.7	117.3
17:33:00	25 41.0	-87 21.0	43.2	-103.6	112.2	1617	155.0	1.8	-0.8	844.0	72.5	26.2	19.5	8.4	8.4	-24.3
17:33:00	25 41.5	-87 21.7	41.1	-103.6	111.5	1603	87.7	1.9	-0.9	848.1	72.5	26.0	19.0	10.3	10.3	-37.6
17:33:00	25 41.2	-87 21.9	41.5	-104.1	112.1	1613	18.3	-5.1	-14.3	72.9	79.4	-0.0	-6.3	50.0	50.0	48.6
17:33:00	25 41.2	-87 21.9	306.7	331.8	1476	1624	27.2	-4.5	-1.2	72.4	76.3	-0.5	209.2	117.3	7.9	118.4
17:33:30	25 39.3	-87 20.2	43.5	-103.8	112.6	1617	155.0	1.7	-0.8	843.9	72.6	26.2	19.4	8.7	8.7	-28.9
17:33:30	25 39.9	-87 21.0	41.5	-103.9	111.9	1603	87.7	1.8	-0.9	848.1	72.7	25.9	19.0	10.8	10.8	-37.6
17:33:30	25 39.5	-87 21.2	41.8	-104.4	112.4	1613	18.2	-5.0	-14.4	73.1	79.6	-0.0	-6.3	50.0	50.0	50.0
17:33:30	25 39.5	-87 21.2	306.6	332.2	1476	1625	27.3	-4.2	-1.0	72.6	76.5	-0.5	209.4	117.1	7.5	118.5
17:34:00	25 37.6	-87 19.5	43.5	-103.7	112.4	1618	155.0	1.8	-0.6	843.9	73.2	26.3	19.5	7.7	7.7	-23.9
17:34:00	25 38.2	-87 20.2	41.6	-103.8	111.8	1604	87.7	1.9	-0.7	848.0	73.2	26.0	19.0	9.9	9.9	-37.6
17:34:00	25 37.8	-87 20.4	42.0	-104.2	112.4	1613	18.2	-5.2	-14.6	73.6	80.1	-0.0	-6.4	50.0	50.0	46.4
17:34:00	25 37.8	-87 20.4	306.7	330.7	1476	1625	27.2	-4.6	-1.2	73.1	77.0	-0.5	210.1	120.0	8.0	118.9
17:34:30	25 36.0	-87 18.7	44.2	-103.2	112.3	1619	155.0	1.7	-0.9	843.9	73.0	26.1	19.3	7.9	7.9	-37.3
17:34:30	25 36.5	-87 19.5	42.4	-103.4	111.7	1605	87.7	1.8	-1.0	848.1	73.0	25.9	18.9	10.1	10.1	-37.6
17:34:30	25 36.1	-87 19.6	42.7	-103.8	112.2	1614	18.2	-4.7	-14.5	73.4	79.9	-0.0	-6.4	50.0	50.0	47.5
17:34:30	25 36.1	-87 19.6	306.6	330.8	1476	1628	27.3	-4.0	-1.0	72.9	76.8	-0.5	209.8	126.1	7.4	118.7
17:35:00	25 34.3	-87 17.9	44.3	-103.3	112.4	1616	155.0	1.8	-0.6	844.0	72.8	26.2	19.4	6.9	6.9	-24.2
17:35:00	25 34.8	-87 18.7	42.5	-103.6	111.9	1603	87.7	1.9	-0.7	848.2	72.8	25.9	19.0	9.0	9.0	-37.6
17:35:00	25 34.4	-87 18.9	42.9	-103.9	112.4	1612	18.3	-5.0	-14.6	73.2	79.8	-0.0	-6.3	50.0	50.0	44.2
17:35:00	25 34.5	-87 18.9	306.7	329.4	1475	1627	27.4	-5.5	-1.5	72.7	76.6	-0.5	209.6	124.0	7.3	118.6
17:35:30	25 32.6	-87 17.1	44.2	-103.3	112.4	1617	154.9	1.8	-0.3	843.9	73.5	26.4	19.6	7.4	7.4	-29.7
17:35:30	25 33.1	-87 17.9	42.5	-103.7	112.0	1602	87.6	1.9	-0.4	848.1	73.5	26.1	19.1	9.6	9.6	-37.6
17:35:30	25 32.8	-87 18.1	42.9	-104.0	112.5	1617	18.3	-5.5	-14.5	74.0	80.5	-0.0	-6.4	50.0	50.0	45.3
17:35:30	25 32.8	-87 18.1	306.8	330.3	1475	1627	27.4	-4.9	-1.3	73.4	77.4	-0.5	210.6	124.2	7.9	119.2
17:36:00	25 30.9	-87 16.3	41.2	-104.8	112.6	1615	156.6	1.9	1.0	844.0	72.9	26.0	19.3	8.4	8.4	-37.3
17:36:00	25 31.4	-87 17.2	39.6	-105.2	112.4	1602	89.3	2.0	0.9	848.2	72.9	25.8	18.8	10.5	10.5	-37.6
17:36:00	25 31.1	-87 17.4	40.0	-105.5	112.8	1603	18.1	-4.9	-14.6	73.3	79.8	-0.0	-6.4	50.0	50.0	49.6
17:36:00	25 31.2	-87 17.4	306.5	331.6	1474	1627	27.4	-4.3	-1.1	72.8	76.8	-0.5	209.7	123.3	7.2	118.6

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:36:30	25 29.2	-87 15.6	38.8	-105.0	111.9	1617	157.6	1.9	-0.5	844.0	73.1	26.2	19.4	7.9	7.9	-33.3
17:36:30	25 29.7	-87 16.5	37.3	-105.5	111.9	1603	90.3	2.0	-0.6	848.2	73.1	25.9	19.0	10.1	10.1	-37.6
17:36:30	25 29.3	-87 16.7	37.5	-105.8	112.3	1600	18.2	-5.1	-14.5	73.5	80.0	-0.0	-6.4	50.0	50.0	47.4
17:36:30	25 29.5	-87 16.7	306.7	330.9	1475	1627	27.4	-4.5	-1.2	73.0	77.0	-0.5	210.0	125.8	8.2	118.8
17:37:00	25 27.5	-87 14.9	38.4	-105.1	111.9	1616	157.8	1.7	-0.5	843.9	73.7	26.2	19.3	8.5	8.5	-27.9
17:37:00	25 28.0	-87 15.8	37.0	-105.6	111.9	1604	90.4	1.9	-0.6	848.1	73.7	25.9

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:41:30	25 12.1	-87 8.8	38.2	-105.3	112.0	1614	157.9	1.8	-0.8	843.9	72.3	26.5	19.7	7.1	7.1	-37.3
17:41:30	25 12.4	-87 9.9	37.7	-106.4	112.9	1603	90.7	1.9	-0.9	847.9	72.3	26.2	19.3	9.3	9.3	-37.6
17:41:30	25 12.1	-87 10.0	37.6	-106.5	112.9	1606	18.4	-5.1	-14.8	72.7	79.2	-0.0	-6.3	50.0	50.0	44.1
17:41:30	25 12.1	-87 10.0	307.0	330.1	1477	1623	27.5	-5.4	-1.4	72.2	76.1	-0.5	208.9	122.2	7.7	118.2
17:42:00	25 10.4	-87 8.1	38.3	-105.5	112.2	1617	157.8	1.8	-0.6	843.9	71.6	26.2	19.6	7.9	7.9	-37.3
17:42:00	25 10.7	-87 9.2	38.0	-106.6	113.2	1602	90.5	1.9	-0.6	848.0	71.6	26.0	19.1	10.0	10.0	-37.5
17:42:00	25 10.3	-87 9.3	37.9	-106.6	113.1	1604	18.4	-4.6	-14.9	72.1	78.5	-0.0	-6.3	50.0	50.0	47.0
17:42:00	25 10.3	-87 9.3	306.8	331.2	1477	1623	27.5	-4.4	-1.1	71.6	75.4	-0.5	207.9	118.5	7.1	117.7
17:42:30	25 8.7	-87 7.4	38.7	-105.9	112.7	1615	158.0	1.8	-0.7	844.1	72.3	26.0	19.2	9.1	9.1	27.9
17:42:30	25 9.0	-87 8.5	38.5	-107.1	113.8	1600	90.7	1.9	-0.8	848.2	72.3	25.7	18.8	11.1	11.1	-37.6
17:42:30	25 8.6	-87 8.7	38.5	-107.1	113.8	1602	18.0	-4.6	-14.5	72.5	79.1	-0.0	-6.3	50.0	50.0	52.1
17:42:30	25 8.6	-87 8.7	306.5	332.8	1475	1621	27.3	-6.1	-1.7	72.2	76.0	-0.5	208.8	120.1	6.9	118.1
17:43:00	25 7.0	-87 6.7	38.4	-105.5	112.3	1615	157.6	1.9	-0.4	843.9	72.2	25.9	19.2	9.4	9.4	25.4
17:43:00	25 7.2	-87 7.8	38.3	-106.7	113.4	1601	90.3	2.0	-0.6	848.1	72.2	25.6	18.8	11.4	11.4	-37.6
17:43:00	25 6.8	-87 8.0	38.2	-106.7	113.3	1604	17.8	-4.4	-14.7	72.7	79.1	-0.0	-6.3	50.0	50.0	53.4
17:43:00	25 6.9	-87 8.0	306.4	333.3	1476	1622	27.3	-4.5	-1.2	72.2	76.0	-0.5	208.8	119.1	7.6	118.1
17:43:30	25 5.2	-87 6.1	37.7	-105.7	112.2	1616	157.8	1.6	-0.6	843.8	74.0	25.8	19.0	9.9	9.9	21.7
17:43:30	25 5.5	-87 7.1	37.7	-107.0	113.5	1603	90.5	1.7	-0.7	848.0	74.0	25.6	18.5	12.3	12.3	-37.6
17:43:30	25 5.1	-87 7.3	37.5	-106.9	113.3	1605	17.8	-6.1	-14.8	74.4	80.9	-0.0	-6.4	50.0	50.0	55.9
17:43:30	25 5.1	-87 7.3	306.2	333.8	1477	1623	27.4	-4.8	-1.3	73.9	77.9	-0.5	211.2	122.3	9.0	119.5
17:44:00	25 3.5	-87 5.4	37.3	-105.6	111.9	1614	157.7	2.0	-0.6	844.0	72.7	25.7	19.0	9.6	9.6	19.1
17:44:00	25 3.8	-87 6.5	37.3	-106.9	113.3	1601	90.4	2.1	-0.6	848.2	72.7	25.5	18.5	11.8	11.8	-37.6
17:44:00	25 3.4	-87 6.6	37.1	-106.8	113.1	1603	17.8	-5.8	-15.2	73.1	79.6	-0.0	-6.3	50.0	50.0	54.9
17:44:00	25 3.4	-87 6.6	306.2	333.3	1475	1621	27.3	-4.8	-1.3	72.6	76.5	-0.5	209.4	116.3	8.8	118.4
17:44:30	25 1.8	-87 4.7	37.3	-105.5	111.9	1616	157.9	1.7	-0.7	843.9	72.1	25.9	19.2	9.4	9.4	17.5
17:44:30	25 2.0	-87 5.8	37.5	-107.0	113.3	1602	90.6	1.8	-0.8	847.9	72.1	25.7	18.8	11.3	11.3	-37.6
17:44:30	25 1.6	-87 6.0	37.2	-106.8	113.1	1605	17.9	-5.2	-15.1	72.4	78.9	-0.0	-6.3	50.0	50.0	53.0
17:44:30	25 1.7	-87 6.0	306.5	333.2	1477	1623	27.4	-5.8	-1.6	72.0	75.9	-0.5	208.6	116.0	8.3	118.0
17:45:00	25 0.1	-87 4.1	37.2	-105.7	112.1	1615	157.9	1.8	-0.7	843.9	73.0	25.8	19.0	10.5	10.5	-23.8
17:45:00	25 0.3	-87 5.1	37.5	-107.2	113.6	1601	90.6	1.9	-0.9	848.1	73.0	25.5	18.6	12.3	12.3	-37.5
17:45:00	24 59.9	-87 5.3	37.3	-107.0	113.3	1606	17.9	-5.6	-14.9	73.4	79.9	-0.0	-6.4	50.0	50.0	58.0
17:45:00	24 59.9	-87 5.3	306.3	335.0	1476	1622	27.3	-5.5	-1.6	72.9	76.9	-0.5	209.9	118.0	8.8	118.7
17:45:30	24 58.4	-87 3.4	37.4	-105.8	112.2	1614	157.9	1.8	-0.7	843.9	73.6	26.1	19.2	8.8	8.8	-23.6
17:45:30	24 58.5	-87 4.5	37.8	-107.3	113.8	1602	90.7	1.9	-0.8	848.1	73.6	25.8	18.8	10.8	10.8	-37.6
17:45:30	24 58.2	-87 4.6	37.5	-107.1	113.5	1606	17.8	-5.6	-14.6	74.0	80.5	-0.0	-6.4	50.0	50.0	50.8
17:45:30	24 58.4	-87 4.7	306.5	332.1	1476	1623	27.2	-4.4	-1.1	73.5	77.4	-0.5	210.7	121.4	8.8	119.2
17:46:00	24 56.7	-87 2.7	37.1	-105.6	111.9	1613	157.8	1.8	-0.7	844.0	72.9	26.0	19.2	9.5	9.5	-37.3
17:46:00	24 56.8	-87 3.8	37.6	-107.1	113.6	1601	90.6	1.9	-0.8	848.2	73.0	25.7	18.8	11.7	11.7	-37.6
17:46:00	24 56.4	-87 4.0	37.3	-106.9	113.2	1605	17.9	-5.3	-14.8	73.3	79.9	-0.0	-6.4	50.0	50.0	53.6
17:46:00	24 56.4	-87 4.0	306.4	333.4	1475	1621	27.3	-5.1	-1.4	72.9	76.8	-0.5	209.8	118.0	9.0	118.7

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:46:30	24 55.0	-87 2.1	36.7	-105.8	112.0	1615	157.6	1.7	-0.6	843.8	73.9	26.1	19.2	8.1	8.1	27.5
17:46:30	24 55.1	-87 3.1	37.3	-107.4	113.7	1602	90.4	1.7	-0.7	848.0	73.9	25.8	18.8	10.3	10.3	-37.6
17:46:30	24 54.7	-87 3.3	37.0	-107.2	113.4	1605	17.9	-6.2	-14.9	74.3	80.9	-0.0	-6.4	50.0	50.0	48.5
17:46:30	24 54.7	-87 3.3	306.5	331.0	1477	1622	27.2	-5.0	-1.4	73.8	77.8	-0.5	211.2	117.2	10.0	119.5
17:47:00	24 53.2	-87 1.4	36.8	-105.9	112.1	1615	157.9	1.7	-0.8	843.9	73.8	25.9	19.0	12.3	12.3	27.5
17:47:00	24 53.3	-87 2.5	37.5	-107.5	113.9	1602	90.6	1.8	-0.9	848.1	73.8	25.6	18.6	12.7	12.7	-37.6
17:47:00	24 53.0	-87 2.7	37.2	-107.3	113.5	1603	17.9	-6.2	-14.9	74.2	80.8	-0.0	-6.4	50.0	50.0	65.2
17:47:00	24 53.0	-87 2.7	306.3	338.5	1476	1621	27.3	-5.2	-1.4	73.7	77.7	-0.5	211.0	119.4	9.5	119.4
17:47:30	24 51.5	-87 0.8	37.1	-105.2	111.6	1615	157.9	1.7	-0.6	843.9	73.3	26.4	19.5	5.1	5.1	26.7
17:47:30	24 51.6	-87 1.8	37.9	-106.9	113.5	1602	90.7	1.8	-0.7	848.1	73.3	26.1	19.1	8.4	8.4	-37.6
17:47:30	24 51.2	-87 2.0	37.6	-106.6	113.0	1584	18.2	-6.0	-15.1	73.7	80.2	-0.0	-6.4	50.0	50.0	38.7
17:47:30	24 51.2	-87 2.0	306.8	326.9	1476	1622	27.5	-4.8	-1.3	73.2	77.2	-0.5	210.3	122.3	9.2	119.0
17:48:00	24 49.8	-87 0.1	39.7	-104.4	111.6	1616	156.2	1.6	-0.8	843.7	74.2	26.1	19.2	6.8	6.8	23.3
17:48:00	24 49.8	-87 1.1	40.6	-106.1	113.6	1602	89.0	1.7	-0.9	847.9	74.2	25.8	18.8	8.3	8.3	-37.6
17:48:00	24 49.5	-87 1.3	40.2	-105.8	113.2	1595	17.9	-6.8	-14.9	74.7	81.1	-0.0	-6.5	50.0	50.0	44.5
17:48:00	24 49.5	-87 1.3	306.5	329.1	1477	1622	27.3	-3.9	-1.0	74.1	78.1	-0.5	211.5	120.8	9.9	119.6
17:48:30	24 48.1	-86 59.4	40.0	-104.2	111.6	1615	156.2	1.7	-0.5	843.8	74.1	25.9	19.1	6.3	6.3	20.5
17:48:30	24 48.1	-87 0.4	41.0	-106.0	113.6	1602	88.9	1.8	-0.6	848.1	74.1	25.7	18.6	8.7	8.7	-37.6
17:48:30	24 47.8	-87 0.6	40.6	-105.6	113.2	1611	17.9	-6.5	-15.0	74.5	81.0	-0.0	-6.5	50.0	50.0	43.3
17:48:30	24 48.0	-87 0.7	306.3	328.1	1476	1621	27.3	-4.6	-1.3	73.9	78.0	-0.5	211.4	121.3	9.8	119.5
17:49:00	24 46.4	-86 58.7	40.0	-104.0	111.4	1613	156.2	1.9	-0.6	844.0	73.1	26.3	19.5	5.1	5.1	18.1
17:49:00	24 46.4	-86 59.6	41.1	-105.8	113.5	1600	88.9	2.0	-0.7	848.2	73.1	26.1	19.1	7.7	7.7	-37.6
17:49:00	24 46.1	-86 59.9	40.7	-105.4	113.0	1609	18.3	-5.7	-15.1	73.5	80.0	-0.0	-6.4	50.0	50.0	38.8
17:49:00	24 46.1	-86 59.9	306.8	327.0	1475	1620	27.4	-5.2	-1.5	73.0	77.0	-0.5	210.1	119.6	9.3	118.8
17:49:30	24 44.8	-86 58.0	39.6	-103.7	111.0	1614	156.2	1.8	-0.7	844.0	72.3	25.8	19.1	7.4	7.4	16.7
17:49:30	24 44.7	-86 58.9	40.8	-105.5	113.1	1599	88.9	1.9	-0.8	848.1	72.3	25.5	18.6	10.1	10.1	-37.6
17:49:30	24 44.4	-86 59.1	40.3	-105.1	112.6	1609	17.8	-5.0	-15.1	72.6	79.2	-0.0	-6.3	50.0	50.0	46.7
17:49:30	24 44.4	-86 59.1	306.3	329.7	1476	1620	27.3	-6.2	-1.7	72.2	76.1	-0.5	208.9	116.4	9.5	118.1
17:50:00	24 43.1	-86 57.3	39.1	-103.4	110.6	1613	156.2	1.8	-0.3	844.1	72.1	25.9	19.2	7.7	7.7	15.2
17:50:00	24 43.0	-86 58.2	40.3	-105.3	112.8	1599	88.9	1.9	-0.4	848.2	72.1	25.6	18.7	9.9	9.9	-37.6
17:50:00	24 42.7	-86 58.4	39.9	-104.9	112.2	1607	18.0	-5.5	-15.2	72.6	79.0	-0.0	-6.3	50.0	50.0	47.4
17:50:00	24 42.7	-86 58.4	306.4	330.3	1475	1619	27.3	-4.6	-1.2	72.1	76.0	-0.5	208.7	116.7	9.8	118.0
17:50:30	24 41.4	-86 56.6	39.1	-103.2	110.4	1613	156.1	1.8	-0.6	844.0	72.0	25.9	19.2	7.6	7.6	13.8
17:50:30	24 41.3	-86 57.5	40.5	-105.2	112.7	1599	88.8	1.8	-0.7	848.1	72.0	25.7	18.8	9.7	9.7	-37.6
17:50:30	24 41.0	-86 57.7	39.9	-104.8	112.1	1608	17.8	-5.0	-15.1	72.4	78.8	-0.0	-6.3	50.0	50.0	47.1
17:50:30	24 41.0	-86 57.7	306.5	330.3	1475	1620	27.4	-4.2	-1.1	71.9	75.7	-0.5	208.4	117.6	9.8	117.9
17:51:00	24 39.7	-86 55.9	39.3	-104.0	111.2	1615	156.3	1.6	-0.8	843.8	72.6	26.1	19.3	6.3	6.3	12.4
17:51:00	24 39.6	-86 56.7	40.8	-106.0	113.6	1601	89.0	1.7	-0.9	847.9	72.6	25.8	18.9	8.8	8.8	-37.6
17:51:00	24 39.2	-86 57.0	40.3	-105.5	112.9	1608	18.0	-5.3	-15.0	73.0	79.5	-0.0	-6.3	50.0	50.0	42.5
17:51:00	24 39.3	-86 57.0	306.6	328.4	1477	1622	27.2	-4.9	-1.3	72.5	76.4	-0.5	209.3	117.0	9.5	118.4

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:51:30	24 38.0	-86 55.2	40.1	-104.6	112.0	1614	156.3	1.5	-0.8	843.8	74.0	25.8	19.0	7.4	7.4	10.9
17:51:30	24 37.8	-86 56.0	41.7	-106.6	114.5	1600	89.0	1.7	-0.9	848.0	74.0	25.6	18.5	10.4	10.4	28.5
17:51:30	24 37.5	-86 56.3	41.1	-106.1	113.8	1607	17.7	-6.6	-15.0	74.4	81.0	-0.0	-6.5	50.0	50.0	47.0
17:51:30	24 37.5	-86 56.3	306.2	329.6	1476	1622	27.2	-5.4	-1.5	73.9	77.9	-0.5	211.3	119.9	9.4	119.5
17:52:00	24 36.3	-86 54.5	39.7	-105.4	112.6	1613	156.0	1.5	-0.7	843.8	74.8	25.8	18.8	10.0	10.0	10.0
17:52:00	24 36.1	-86 55.3	41.3	-107.4	115.1	1601	88.8	1.6	-0.8	848.0	74.8	25.5	18.4	12.5	12.5	27.1
17:52:00	24 35.8	-86 55.5	40.8	-106.9	114.4	1608	17.6	-7.4	-15.2	75.2	81.7	-0.0	-6.5	50.0	50.0	56.7
17:52:00	24 35.8	-86 55.6	306.0	333.8	1476	1621	27.4	-4.3	-1.2	74.6	78.7	-0.5	212.3	115.2	10.0	120.1
17:52:30	24 34.6	-86 53.7	39.4	-105.5	112.6	1612	156.1	1.8	-0.6	843.9	73.9	26.0	19.2	8.7	8.7	8.0
17:52:30	24 34.3	-86 54.5	41.1	-107.6	115.2	1599	88.8	1.9	-0.7	848.2	73.9	25.8	18.7	11.7	11.7	24.8
17:52:30	24 34.1	-86 54.8	40.5	-107.1	114.5	1605	17.9	-6.3	-15.4	74.4	80.9	-0.0	-6.4	50.0	50.0	51.0
17:52:30	24 34.1	-86 54.8	306.4	332.0	1475	1619	27.3	-4.4	-1.2	73.8	77.9	-0.5	211.2	111.7	9.7	119.4
17:53:00	24 32.9	-86 53.1	39.0	-105.3	112.3	1615	156.1	1.6	-0.6	843.8	74.2	25.8	18.9	9.1	9.1	4.2
17:53:00	24 32.6	-86 53.8	40.8	-107.4	114.9	1600	88.8	1.8	-0.8	848.0	74.2	25.6	18.5	11.3	11.3	21.7
17:53:00	24 32.3	-86 54.1	40.2	-106.9	114.2	1607	17.8	-7.0	-15.6	74.6	81.1	-0.0	-6.5	50.0	50.0	52.8
17:53:00	24 32.6	-86 54.2	306.2	332.3	1477	1622	27.2	-4.8	-1.4	74.0	78.1	-0.5	211.5	112.4	10.4	119.6
17:53:30	24 31.2	-86 52.4	38.7	-105.4	112.3	1613	156.2	1.7	-0.8	843.9	73.5	25.8	19.0	9.1	9.1	-1.6
17:53:30	24 30.8	-86 53.1	40.6	-107.5	114.9	1600	89.0	1.8	-0.9	848.1	73.5	25.6	18.6	11.2	11.2	19.6
17:53:30	24 30.6	-86 53.4	39.9	-107.0	114.2	1601	17.8	-6.7	-15.6	73.9	80.4	-0.0	-6.4	50.0	50.0	52.7
17:53:30	24 30.6	-86 53.4	306.2	332.4	1476	1620	27.2	-4.8	-1.3	73.4	77.4	-0.5	210.6	110.3	10.1	119.1
17:54:00	24 29.5	-86 51.7	39.1	-105.1	112.2	1614	156.3	1.7	-0.8	843.9	74.3	25.9	19.0	9.9	9.9	-20.9
17:54:00	24 29.1	-86 52.4	41.0	-107.3	114.9	1601	89.0	1.8	-0.9	848.1	74.3	25.6	18.6	11.9	11.9	18.0
17:54:00	24 28.9	-86 52.9	40.4	-106.8	114.2	1606	17.8	-6.3	-15.1	74.8	81.3	-0.0	-6.5	50.0	50.0	55.7
17:54:00	24 28.9	-86 52.7	306.2	333.8	1476	1620	26.3	-4.7	-1.3	74.2	78.2	-0.5	211.7	115.6	10.2	119.7
17:54:30	24 27.8	-86 51.0	40.2	-105.0	112.4	1612	156.4	1.7	-0.8	844.0	75.0	25.6	18.7	13.0	13.0	-3.9
17:54:30	24 27.4	-86 51.6	42.2	-107.1	115.1	1599	89.1	1.8	-0.9	848.3	75.0	25.4	18.2	14.8	14.8	16.8
17:54:30	24 27.1	-86 52.0	41.5	-106.6	114.4	1576	17.5	-7.2	-15.3	75.4	81.9	-0.0	-6.5	50.0	50.0	70.2
17:54:30	24 27.1	-86 52.0	305.9	339.7	1474	1619	27.1	-5.2	-1.5	74.8	79.0	-0.5	212.6	122.2	9.6	120.2
17:55:00	24 26.1	-86 50.3	40.1	-104.7	112.1	1614	156.4	1.6	-0.8	843.7	74.9	25.6	18.7	11.4	11.4	-24.1
17:55:00	24 25.6	-86 50.9	42.2	-106.9	114.9	1600	89.1	1.7	-0.9	848.0	74.9	25.3	18.2	14.1	14.1	15.3
17:55:00	24 25.4	-86 51.2	41.5	-106.3	114.1	1605	17.5	-7.4	-15.6	75.4	81.8	-0.0	-6.5	50.0	50.0	62.9
17:55:00	24 25.4	-86 51.2	305.9	336.2	1476	1621	27.0	-3.7	-1.0	74.7	78.9	-0.5	212.5	124.4	9.5	120.1
17:55:30	24 24.4	-86 49.6	39.1	-104.7	111.8	1613	156.0	1.7	-0.3	843.9	73.7	25.6	18.8	13.7	13.7	-24.0
17:55:30	24 23.9	-86 50.1	41.3	-106.9	114.6	1599	88.7	1.9	-0.4	848.1	73.7	25.3	18.3	14.2	14.2	13.6
17:55:30	24 23.7	-86 50.5	40.6	-106.3	113.8	1605	17.5	-7.3	-16.1	74.0	80.6	-0.0	-6.4	50.0	50.0	73.2
17:55:30	24 23.7	-86 50.5	306.0	341.4	1476	1620	26.7	-6.4	-1.9	73.6	77.6	-0.5	210.9	112.3	10.6	119.3
17:56:00	24 22.7	-86 48.9	38.9	-104.8	111.8	1613	156.1	1.7	-0.8	843.8	73.9	26.3	19.5	7.3	7.3	-23.6
17:56:00	24 22.1	-86 49.4	41.1	-107.1	114.7	1599	88.9	1.8	-0.8	848.0	73.9	26.1	19.0	7.1	7.1	-37.6
17:56:00	24 21.9	-86 49.8	40.4	-106.4	113.8	1605	18.0	-7.1	-15.7	74.3	80.8	-0.0	-6.4	50.0	50.0	45.2
17:56:00	24 21.9	-86 49.8	306.7	330.0	1476	1621	25.8	-5.0	-1.4	73.8	77.8	-0.5	211.2	114.3	10.5	119.5

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:56:30	24 21.3	-86 47.7	101.7	-37.7	108.5	1605	109.8*	2.3	-24.2	845.4	72.8	26.1	19.4	10.6	10.6	-24.4
17:56:30	24 20.7	-86 48.2	104.0	-39.9	111.4	1591	42.7*	2.4	-24.3	848.9	72.9	25.8	18.9	17.1	17.1	-37.6
17:56:30	24 20.5	-86 48.6	102.7	-40.7	110.5	1592	17.5	1.0	-12.5	73.2	79.9	-0.0	-6.3	50.0	50.0	57.1
17:56:30	24 20.5	-86 48.6	306.5	335.4	1468	1610	19.6	-4.9	-1.4	72.9	75.9	-0.5	209.7	107.9	10.1	118.6
17:57:00	24 21.5	-86 45.8	105.0	35.7	110.9	1612	74.7	1.7	-3.0	844.0	71.9	25.9	19.2	5.7	5.7	-34.0
17:57:00	24 20.9	-86 46.3	107.3	33.5	112.4	1599	7.4	1.7	-3.1	848.1	71.9	25.6

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:01:30	24 27.3	-86 29.3	99.4	37.4	106.2	1696	73.7	2.3	-0.0	835.9	65.5	24.3	18.1	7.9	7.9	15.3
18:01:30	24 26.4	-86 29.3	102.0	35.3	108.0	1685	6.4	2.4	-0.2	839.7	65.5	24.0	17.7	10.7	10.7	-37.6
18:01:30	24 26.3	-86 29.9	101.2	36.0	107.4	1685	16.7	-0.4	-11.9	66.3	72.0	-0.0	-5.8	50.0	50.0	51.4
18:01:30	24 26.3	-86 29.9	306.2	330.6	1557	1704	27.0	2.2	1.0	65.5	68.9	-0.5	199.0	126.5	11.6	112.9
18:02:00	24 27.9	-86 27.5	101.8	38.7	108.9	1685	72.2	1.8	0.2	836.8	69.8	24.6	18.0	12.7	12.7	-23.7
18:02:00	24 27.0	-86 27.5	104.4	36.6	110.7	1673	5.0	2.0	0.1	840.9	69.8	24.3	17.6	14.6	14.6	-37.6
18:02:00	24 26.9	-86 28.1	103.6	37.3	110.1	1672	16.7	-3.3	-12.9	70.9	76.6	-0.0	-6.1	50.0	50.0	71.7
18:02:00	24 26.8	-86 28.3	305.9	339.4	1545	1693	27.0	5.4	1.9	69.8	73.5	-0.5	205.3	116.2	10.8	116.5
18:02:30	24 28.5	-86 25.7	105.1	38.7	112.0	1656	73.0	0.9	0.0	839.5	74.3	25.2	18.3	11.5	11.5	-24.3
18:02:30	24 27.6	-86 25.6	107.8	36.6	113.9	1645	5.8	1.0	-0.0	843.8	74.3	24.9	17.8	13.8	13.8	-37.6
18:02:30	24 27.5	-86 26.2	107.0	37.4	113.3	1646	16.9	-7.3	-15.2	75.1	81.2	-0.0	-6.5	50.0	50.0	65.0
18:02:30	24 27.5	-86 26.2	305.9	336.6	1517	1665	27.1	1.7	0.7	74.2	78.3	-0.5	211.7	115.3	10.9	119.9
18:03:00	24 29.2	-86 23.8	106.9	38.0	113.5	1638	74.1	1.1	-0.1*	841.4	73.3	25.1	18.3	12.7	12.7	-24.2
18:03:00	24 28.1	-86 23.7	109.6	35.9	115.4	1627	6.8	1.2	-0.2*	845.6	73.3	24.9	17.9	14.2	14.2	-37.6
18:03:00	24 28.1	-86 24.3	108.7	36.9	114.8	1626	17.1	-9.0	-19.7	73.7	80.2	-0.0	-6.4	50.0	50.0	70.8
18:03:00	24 28.1	-86 24.3	305.7	339.0	1499	1646	26.9	-6.3	-0.2	73.2	77.0	-0.5	210.3	123.7	9.0	119.1
18:03:30	24 29.8	-86 21.9	107.3	38.3	113.9	1633	73.9*	1.6	2.6*	841.7	75.7	25.1	18.1	12.5	12.5	-24.2
18:03:30	24 28.7	-86 21.7	110.0	36.2	115.8	1620	6.6*	1.7	2.5*	846.3	75.7	24.9	17.7	15.5	15.5	-37.6
18:03:30	24 28.7	-86 22.4	109.1	37.3	115.3	1619	16.9	-9.5	-19.6	76.5	82.7	-0.0	-6.6	50.0	50.0	70.3
18:03:30	24 28.6	-86 22.6	305.5	338.3	1493	1640	26.9	0.0	0.8	75.5	79.8	-0.5	213.6	121.7	10.6	120.8
18:04:00	24 30.2	-86 20.0	111.1	15.8	112.2	1634	84.7	1.5	0.4	841.7	75.6	25.6	18.5	7.7	7.7	-37.3
18:04:00	24 29.1	-86 19.7	113.9	13.8	114.7	1620	17.5	1.7	0.3	846.2	75.6	25.3	18.1	10.0	10.0	-37.6
18:04:00	24 29.0	-86 20.4	113.0	14.6	114.0	1624	17.4	-9.2	-19.1	76.5	82.7	-0.0	-6.6	50.0	50.0	49.5
18:04:00	24 29.0	-86 20.4	305.9	329.9	1494	1640	26.9	0.0	0.1	75.5	79.9	-0.5	213.5	121.1	10.7	120.8
18:04:30	24 30.4	-86 18.0	111.2	15.1	112.2	1635	85.4	1.4	-0.5	841.6	75.7	26.3	19.2	5.4	5.4	-37.3
18:04:30	24 29.3	-86 17.7	114.0	13.0	114.7	1622	18.1	1.5	-0.6	846.1	75.7	26.0	18.8	8.7	8.7	-37.6
18:04:30	24 29.3	-86 18.4	113.1	13.9	114.0	1627	17.9	-9.4	-17.9	76.5	82.8	-0.0	-6.6	50.0	50.0	40.2
18:04:30	24 29.2	-86 18.7	306.7	327.2	1495	1641	27.4	-1.3	-0.3	75.6	79.9	-0.5	213.7	121.9	11.0	120.9
18:05:00	24 30.6	-86 16.0	111.0	14.6	111.9	1634	85.8	1.5	-0.7	841.7	75.4	26.0	19.0	7.7	7.7	25.3
18:05:00	24 29.5	-86 15.7	113.7	12.6	114.4	1621	18.5	1.6	-0.8	846.2	75.4	25.8	18.6	10.0	10.0	-37.6
18:05:00	24 29.5	-86 16.4	112.9	13.4	113.7	1627	17.7	-8.6	-17.9	76.0	82.4	-0.0	-6.6	50.0	50.0	47.8
18:05:00	24 29.5	-86 16.4	306.4	330.4	1494	1640	23.9	-2.4	-0.6	75.2	79.5	-0.5	213.2	122.6	11.1	120.7
18:05:30	24 30.9	-86 14.0	111.0	14.5	112.0	1633	85.7	1.4	-0.4	841.8	74.6	26.1	19.2	6.9	6.9	26.8
18:05:30	24 29.7	-86 13.7	113.8	12.5	114.5	1620	18.4	1.5	-0.6	846.1	74.6	25.9	18.8	9.1	9.1	-37.6
18:05:30	24 29.7	-86 14.4	112.9	13.4	113.7	1626	17.8	-8.3	-17.6	75.3	81.6	-0.0	-6.5	50.0	50.0	44.9
18:05:30	24 29.7	-86 14.4	306.6	329.4	1495	1640	27.5	-1.9	-0.4	74.5	78.7	-0.5	212.2	123.6	10.5	120.1
18:06:00	24 31.1	-86 12.1	110.7	14.2	111.6	1635	85.4	1.4	-0.3	841.7	75.4	26.0	19.0	8.7	8.7	25.2
18:06:00	24 29.9	-86 11.7	113.5	12.2	114.1	1622	18.2	1.6	-0.4	846.1	75.4	25.8	18.6	10.5	10.5	-37.6
18:06:00	24 29.9	-86 12.4	112.6	13.2	113.4	1627	17.7	-8.6	-17.3	76.0	82.4	-0.0	-6.6	50.0	50.0	51.2
18:06:00	24 29.9	-86 12.4	306.4	332.0	1495	1640	27.4	-2.4	-0.7	75.3	79.5	-0.5	213.2	117.0	10.7	120.7

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:06:30	24 31.3	-86 10.1	110.1	14.2	111.0	1633	85.5	1.6	-0.4	841.8	73.9	26.0	19.1	7.8	7.8	24.3
18:06:30	24 30.1	-86 9.7	112.8	12.3	113.5	1622	18.3	1.8	-0.5	846.2	73.9	25.7	18.7	10.0	10.0	-37.6
18:06:30	24 30.1	-86 10.4	112.0	13.2	112.8	1625	17.8	-7.7	-17.5	74.7	80.9	-0.0	-6.5	50.0	50.0	48.0
18:06:30	24 30.1	-86 10.7	306.5	330.6	1494	1639	27.3	-1.2	-0.2	73.8	78.0	-0.5	211.2	120.8	10.6	119.6
18:07:00	24 31.6	-86 8.2	109.7	14.6	110.7	1633	85.6	1.6	-0.5	841.8	73.6	25.8	18.9	8.9	8.9	21.8
18:07:00	24 30.3	-86 7.7	112.4	12.7	113.2	1622	18.4	1.7	-0.6	846.1	73.6	25.5	18.5	10.8	10.8	-37.6
18:07:00	24 30.4	-86 8.4	111.6	13.6	112.4	1628	17.7	-7.1	-17.2	74.2	80.6	-0.0	-6.4	50.0	50.0	52.3
18:07:00	24 30.4	-86 8.4	306.4	332.3	1495	1639	27.4	-2.4	-0.7	73.5	77.6	-0.5	210.7	121.9	10.9	119.3
18:07:30	24 31.8	-86 6.2	109.9	14.0	110.8	1633	86.0	1.6	2.3	841.9	73.4	26.0	19.2	7.3	7.3	19.5
18:07:30	24 30.5	-86 5.7	112.6	12.2	113.2	1619	18.7	1.8	2.2	846.3	73.4	25.7	18.7	9.5	9.5	-37.6
18:07:30	24 30.6	-86 6.4	111.7	13.5	112.5	1630	18.0	-6.5	-16.6	74.0	80.4	-0.0	-6.4	50.0	50.0	46.1
18:07:30	24 30.6	-86 6.4	306.6	330.0	1493	1638	25.4	-3.5	-0.9	73.3	77.5	-0.5	210.5	122.9	10.7	119.2
18:08:00	24 32.0	-86 4.3	110.1	9.5	110.5	1631	87.6	1.7	-0.2	842.0	73.4	26.1	19.2	5.8	5.8	18.7
18:08:00	24 30.6	-86 3.7	112.8	7.7	113.0	1620	20.4	1.8	-0.3	846.3	73.4	25.8	18.8	8.1	8.1	-37.6
18:08:00	24 30.7	-86 4.4	111.9	8.7	112.3	1628	17.9	-7.1	-16.8	74.0	80.3	-0.0	-6.4	50.0	50.0	41.3
18:08:00	24 30.7	-86 4.4	306.7	327.8	1493	1638	27.2	-1.6	-0.3	73.3	77.3	-0.5	210.5	118.9	10.2	119.1
18:08:30	24 32.1	-86 2.3	110.0	9.0	110.4	1632	87.7	1.6	-0.4	841.9	73.3	25.8	19.0	7.7	7.7	18.0
18:08:30	24 30.8	-86 1.7	112.7	7.3	112.9	1621	20.5	1.7	-0.4	846.3	73.3	25.5	18.5	9.6	9.6	-37.6
18:08:30	24 30.9	-86 2.4	111.9	8.2	112.2	1629	17.7	-6.7	-16.7	73.9	80.2	-0.0	-6.4	50.0	50.0	48.0
18:08:30	24 30.9	-86 2.7	306.4	330.4	1493	1636	22.8	-2.3	-0.6	73.2	77.2	-0.5	210.3	117.1	10.0	119.0
18:09:00	24 32.3	-86 0.4	110.2	7.0	110.5	1633	88.5	1.6	-0.3	841.9	73.5	25.8	18.9	8.8	8.8	16.5
18:09:00	24 30.9	-85 59.7	112.9	5.3	113.0	1620	21.3	1.7	-0.4	846.2	73.5	25.5	18.5	10.3	10.3	-37.6
18:09:00	24 31.0	-86 0.5	112.1	6.2	112.2	1630	17.6	-6.8	-16.7	74.1	80.4	-0.0	-6.4	50.0	50.0	52.0
18:09:00	24 31.0	-86 0.5	306.3	332.2	1494	1637	27.1	-1.3	-0.2	73.4	77.5	-0.5	210.5	116.7	9.9	119.2
18:09:30	24 32.4	-85 58.4	110.6	7.4	110.8	1633	88.7	1.5	-0.4	841.9	73.4	26.0	19.2	7.9	7.9	14.8
18:09:30	24 30.9	-85 57.6	113.2	5.7	113.3	1621	21.4	1.7	-0.5	846.2	73.4	25.8	18.8	10.3	10.3	-37.6
18:09:30	24 31.1	-85 58.5	112.4	6.7	112.6	1630	17.9	-6.9	-16.7	74.1	80.4	-0.0	-6.4	50.0	50.0	48.0
18:09:30	24 31.1	-85 58.7	306.6	331.0	1494	1637	26.2	-2.0	-0.4	73.3	77.4	-0.5	210.5	120.0	9.9	119.2
18:10:00	24 32.5	-85 56.4	110.2	7.6	110.5	1633	88.5	1.5	-0.4	841.8	73.7	25.8	19.0	8.4	8.4	13.0
18:10:00	24 31.0	-85 55.6	112.8	5.9	113.0	1622	21.2	1.7	-0.5	846.1	73.6	25.5	18.5	11.0	11.0	-37.6
18:10:00	24 31.2	-85 56.5	112.0	6.9	112.2	1632	17.7	-7.8	-16.9	74.2	80.5	-0.0	-6.4	50.0	50.0	50.4
18:10:00	24 31.2	-85 56.5	306.4	331.5	1495	1638	27.2	-2.0	-0.4	73.5	77.6	-0.5	210.8	117.7	10.2	119.3
18:10:30	24 32.6	-85 54.5	110.5	7.2	110.7	1632	88.6	1.6	-0.4	842.0	73.2	25.6	18.8	9.6	9.6	10.6
18:10:30	24 31.1	-85 53.6	113.0	5.7	113.1	1620	21.3	1.7	-0.5	846.2	73.2	25.4	18.4	11.7	11.7	-37.6
18:10:30	24 31.3	-85 54.5	112.2	6.7	112.4	1631	17.5	-7.1	-16.8	73.8	80.1	-0.0	-6.4	50.0	50.0	55.2
18:10:30	24 31.3	-85 54.5	306.2	333.4	1494	1636	27.1	-1.8	-0.4	73.1	77.1	-0.5	210.1	119.1	9.6	118.9
18:11:00	24 32.7	-85 52.5	110.1	6.8	110.3	1631	88.2	1.9	0.1	842.0	72.3	25.0	18.3	10.9	10.9	-23.9
18:11:00	24 31.2	-85 51.6	112.6	5.2	112.7	1619	20.9	2.0	-0.0	846.3	72.3	24.8	17.9	12.9	12.9	-37.6
18:11:00	24 31.4	-85 52.5	111.9	6.3	112.1	1632	17.0	-6.3	-16.7	72.9	79.2	-0.0	-6.3	50.0	50.0	62.3
18:11:00	24 31.4	-85 52.5	305.7	335.2	1493	1636	20.8	-2.6	-0.6	72.2	76.3	-0.5	208.9	112.4	8.6	118.2

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:11:30	24 32.8	-85 50.6	110.2	6.8	110.5	1632	88.7	1.8	-0.5	842.1	72.3	25.1	18.4	11.7	11.7	-24.6
18:11:30	24 31.3	-85 49.6	112.7	5.3	112.8	1619	21.4	2.0	-0.6	846.3	72.3	24.8	17.9	13.7	13.7	-37.6
18:11:30	24 31.5	-85 50.5	112.0	6.3	112.1	1632	17.0	-7.0	-15.8	72.9	79.1	-0.0	-6.3	50.0	50.0	65.7
18:11:30	24 31.5	-85 50.8	305.8	337.0	1493	1635	27.1	-1.9	-0.4	72.1	76.2	-0.5	208.8	119.8	9.1	118.2
18:12:00	24 33.0	-85 48.6	110.3	6.8	110.5	1635	88.6	1.5	-0.5	841.7	74.7	25.7	18.8	8.1	8.1	-25.5
18:12:00	24 31.4	-85 47.6	112.7	5.3	112.8	1622	21.4	1.7	-0.6	846.1	74.7	25.5	18.3	11.6	11.6	28.8
18:12:00	24 31.6	-85 48.5	111.9	6.3	112.1	1632	17.6	-8.6	-16.3	75.3	81.7	-0.0	-6.5	50.0	50.0	50.0
18:12:00	24 31.6	-85 48.5	306.2	330.8	1495	1638	27.3	-2.1	-0.5	74.5	78.8	-0.5	212.2	113.5	10.6	120.1
18:12:30	24 33.1	-85 46.7	110.4	6.7	110.6	1634	88.6	1.5	-0.5	841.7	75.3	26.0	19.0	7.7	7.7	-23.7
18:12:30	24 31.5	-85 45.6	112.8	5.3	112.9	1621	21.4	1.6	-0.6	846.2	75.4	25.7	18.5	9.7	9.7	26.5
18:12:30	24 31.7	-85 46.5	112.1	6.3	112.3	1629	17.7	-8.1	-16.0	76.0	82.4	-0.0	-6.6	50.0	50.0	48.2
18:12:30	24 31.7	-85 46.8	306.4	330.4	1494	1638	27.3	-1.5	-0.3	75.2	79.4	-0.5	213.1	113.1	11.0	120.6
18:13:00	24 33.2	-85 44.7	110.3	6.3	110.5	1634	88.4	1.4	-0.1	841.7	74.7	25.4	18.4	11.9	11.9	-24.7
18:13:00	24 31.6	-85 43.6	112.6	5.0	112.7	1621	21.1	1.5	-0.2	846.2	74.7	25.1	18.0	15.9	15.9	25.6
18:13:00	24 31.8	-85 44.5	111.9	6.0	112.0	1629	17.3	-7.9	-16.5	75.3	81.7	-0.0	-6.5	50.0	50.0	66.2
18:13:00	24 31.8	-85 44.8	305.8	337.4	1494	1637	27.1	-2.3	-0.6	74.5	78.8	-0.5	212.2	108.1	10.2	120.1
18:13:30	24 33.3	-85 42.7	110.9	6.7	111.1	1635	88.4	1.4	0.1	841.6	75.3	25.0	18.0	13.6	13.6	-24.6
18:13:30	24 31.7	-85 41.6	113.1	5.4	113.2	1621	21.1	1.6	-0.0	846.0	75.3	24.8	17.6	19.0	19.0	24.1
18:13:30	24 31.9	-85 42.6	112.3	6.4	112.5	1630	17.1	-8.4	-18.3	76.3	82.1	-0.0	-6.6	50.0	50.0	76.1
18:13:30	24 31.9	-85 42.8	305.4	340.6	1495	1637	20.4	2.2	2.0	75.2	79.9	-0.4	213.1	115.0	10.6	120.5
18:14:00	24 33.4	-85 40.8	110.8	6.0	111.0	1632	88.6	1.5	-0.2	841.8	75.2	25.3	18.3	12.5	12.5	-24.3
18:14:00	24 31.7	-85 39.6	113.0	4.8	113.1	1620	21.4	1.7	-0.2	846.2	75.2	25.0	17.9	16.1	16.1	14.0
18:14:00	24 32.0	-85 40.6	112.3	5.9	112.5	1632	17.1	-9.0	-19.0	75.9	82.2	-0.0	-6.6	50.0	50.0	69.6
18:14:00	24 32.0	-85 40.8	305.7	338.5	1494	1636	25.5	-1.9	0.9	75.1	79.4	-0.5	213.0	110.2	10.2	120.5
18:14:30	24 33.5	-85 38.8	111.1	5.6	111.2	1632	88.6	1.4	-0.6	841.7	75.1	25.4	18.5	11.7	11.7	-24.1
18:14:30	24 31.8	-85 37.6	113.2	4.4	113.3	1620	21.4	1.5	-0.6	846.2	75.1	25.2	18.0	14.5	14.5	20.2
18:14:30	24 32.1	-85 38.6	112.5	5.4	112.7	1634	17.2	-9.0	-19.2	75.8	82.1	-0.0	-6.5	50.0	50.0	64.9
18:14:30	24 32.1	-85 38.6	305.9	336.9	1494	1636	26.9	-1.6	1.8	75.0	79.3	-0.5	212.8	108.6	9.8	120.4
18:15:00	24 33.5	-85 36.8	111.0	5.1	111.1	1630	89.0	2.0	-0.3	841.9	74.8	24.9	18.0	13.3	13.3	-23.9
18:15:00	24 31.9	-85 35.6	113.0	3.9	113.1	1618	21.8	2.1	-0.5	846.5	74.8	24.7	17.6	15.6	15.6	18.8
18:15:00	24 32.2	-85 36.6	112.4	4.9	112.6	1628	16.3	-10.5	-20.1	76.0	82.2	-0.0	-6.5	50.0	50.0	74.9
18:15:00	24 32.2	-85 36.6	305.3	339.8	1491	1633	17.9	2.8	1.9	74.7	79.3	-0.5	212.4	115.3	10.0	120.1
18:15:30	24 33.6	-85 34.9	109.0	-16.5	110.3	1632	100.4	1.7	12.1*	841.7	73.7	25.5	18.7	11.8	11.8	-24.4
18:15:30	24 31.9	-85 33.6	111.0	-17.5	112.4	1620	33.0	1.9	12.0*	846.3	73.7	25.3	18.2	12.7	12.7	17.6
18:15:30	24 32.2	-85 34.6	110.6	-16.1	111.7	1631	17.7	-6.6	-18.5	73.5	80.7	-0.0	-6.4	50.0	50.0	64.6
18:15:30	24 32.3	-85 34.9	306.1	337.4	1493	1636	27.0	-14.3	-1.0	73.5	77.8	-0.5	210.9	109.2	9.2	119.4
18:16:00	24 33.1	-85 33.0	103.9	-32.9	109.0	1634	106.8	1.6	0.3	841.7	72.9	25.5	18.7	11.7	11.7	-23.6
18:16:00	24 31.4	-85 31.7	105.8	-33.9	111.1	1622	39.6	1.7	0.3	845.9	72.9	25.2	18.3	13.5	13.5	-37.6
18:16:00	24 31.8	-85 32.7	105.2	-32.9	110.2	1632	17.5	-6.4	-17.7	73.4	79.8	-0.0	-6.4	50.0	50.0	64.2
18:16:00	24 31.8	-85 32.7	306.1	337.4	1497	1637	27.0	-3.4	0.8	72.8	76.9	-0.5	209.7	99.1	9.8	118.7

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:16:30	24 32.6	-85 31.1	106.5	-26.4	109.7	1630	103.3	1.3	-1.4	842.1	72.3	25.4	18.7	12.8	12.8	-24.6
18:16:30	24 30.9	-85 29.8	108.3	-27.4	111.7	1618	36.0	1.4	-1.5	846.3	72.3	25.1	18.2	15.4	15.4	-37.6
18:16:30	24 31.3	-85 30.8	107.7	-26.7	110.9	1631	17.6	-7.2	-17.3	73.4	79.2	-0.0	-6.3	50.0	50.0	69.3
18:16:30	24 31.3	-85 30.8	306.1	339.6	1493	1633	27.1	3.7	0.1	72.2	76.0	-0.5	208.9	104.3	8.5	118.3
18:17:00	24 32.4	-85 29.2	106.8	32.0	111.5	1637	74.8*	0.9	-14.1*	841.8	72.9	25.1	18.3	11.7	11.7	-24.0
18:17:00	24 30.7	-85 27.8	108.5	31.0	112.9	1625	7.6*	1.0	-14.3*	845.6	72.9	24.8

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:21:30	24 36.6	-85 11.9	110.7	17.7	112.1	1632	82.3	1.4	-0.3	841.8	73.6	25.6	18.7	8.0	8.0	17.2
18:21:30	24 34.7	-85 10.3	111.6	17.3	113.0	1621	15.0	1.6	-0.5	846.2	73.6	25.3	18.3	11.6	11.6	-37.6
18:21:30	24 35.3	-85 11.4	111.2	18.2	112.7	1625	17.4	-8.0	-16.7	74.3	80.6	-0.0	-6.4	50.0	50.0	49.9
18:21:30	24 35.2	-85 11.7	306.1	330.6	1494	1634	27.3	-1.2	-0.2	73.5	77.6	-0.5	210.8	106.3	7.8	119.2
18:22:00	24 36.9	-85 10.0	111.3	17.1	112.6	1631	82.4	1.5	-0.3	841.9	73.9	26.1	19.2	6.3	6.3	16.4
18:22:00	24 35.0	-85 8.3	112.1	16.8	113.4	1620	15.2	1.7	-0.4	846.3	73.9	25.8	18.8	8.4	8.4	-37.6
18:22:00	24 35.6	-85 9.5	111.7	17.7	113.1	1626	17.8	-8.1	-16.5	74.6	80.9	-0.0	-6.5	50.0	50.0	42.9
18:22:00	24 35.6	-85 9.5	306.6	328.5	1493	1634	27.5	-1.3	-0.2	73.8	78.0	-0.5	211.2	103.8	7.4	119.5
18:22:30	24 37.1	-85 8.0	111.4	16.9	112.7	1631	82.3	1.5	-0.4	841.9	74.3	26.4	19.5	3.9	3.9	-23.8
18:22:30	24 35.3	-85 6.3	112.1	16.6	113.3	1619	15.1	1.7	-0.5	846.3	74.3	26.2	19.1	6.6	6.6	-37.6
18:22:30	24 35.8	-85 7.5	111.7	17.6	113.1	1628	18.2	-8.3	-16.6	75.0	81.3	-0.0	-6.5	50.0	50.0	35.6
18:22:30	24 35.8	-85 7.7	307.0	325.6	1493	1633	27.5	-1.0	-0.2	74.2	78.3	-0.5	211.7	100.6	7.6	119.8
18:23:00	24 37.4	-85 6.0	111.2	16.5	112.4	1632	82.4	1.5	-0.4	841.8	74.5	26.0	19.0	6.3	6.3	-24.4
18:23:00	24 35.6	-85 4.4	111.8	16.3	113.0	1621	15.2	1.6	-0.5	846.2	74.5	25.7	18.6	9.3	9.3	-37.5
18:23:00	24 36.1	-85 5.5	111.4	17.2	112.8	1629	17.8	-8.9	-16.7	75.3	81.6	-0.0	-6.5	50.0	50.0	43.6
18:23:00	24 36.1	-85 5.5	306.4	328.4	1494	1634	27.4	-1.3	-0.3	74.4	78.6	-0.5	212.0	99.0	7.9	120.0
18:23:30	24 37.7	-85 4.0	110.5	16.4	111.7	1631	82.6	1.7	-0.6	842.0	73.6	25.8	19.0	6.2	6.2	-24.1
18:23:30	24 35.8	-85 2.4	111.0	16.2	112.2	1619	15.3	1.9	-0.8	846.2	73.6	25.5	18.5	8.6	8.6	-37.6
18:23:30	24 36.4	-85 3.5	110.7	17.0	112.0	1629	17.6	-7.5	-16.7	74.1	80.5	-0.0	-6.4	50.0	50.0	43.4
18:23:30	24 36.4	-85 3.5	306.4	328.1	1494	1633	27.2	-2.9	-0.7	73.5	77.4	-0.5	210.7	98.6	7.8	119.2
18:24:00	24 37.9	-85 2.1	110.1	15.9	111.3	1632	82.4	1.6	-0.4	841.8	73.0	25.7	18.9	5.9	5.9	-23.8
18:24:00	24 36.1	-85 0.4	110.5	15.8	111.7	1622	15.2	1.8	-0.5	846.2	73.1	25.4	18.4	8.3	8.3	-37.6
18:24:00	24 36.7	-85 1.6	110.2	16.6	111.5	1629	17.5	-7.5	-16.7	73.8	80.0	-0.0	-6.4	50.0	50.0	42.8
18:24:00	24 36.7	-85 1.6	306.3	327.6	1494	1634	27.3	-1.4	-0.2	72.9	77.0	-0.5	209.9	94.7	7.6	118.8
18:24:30	24 38.2	-85 0.1	110.5	15.7	111.6	1632	82.3	1.5	-0.4	841.8	73.6	25.9	19.0	9.5	9.5	-28.4
18:24:30	24 36.3	-84 58.4	110.8	15.6	111.9	1620	15.1	1.7	-0.5	846.2	73.6	25.6	18.6	10.5	10.5	-37.6
18:24:30	24 36.9	-84 59.6	110.5	16.5	111.7	1629	17.7	-8.3	-16.6	74.3	80.6	-0.0	-6.4	50.0	50.0	54.4
18:24:30	24 36.9	-84 59.6	306.4	333.5	1494	1633	27.4	-1.5	-0.3	73.5	77.6	-0.5	210.7	91.6	7.8	119.3
18:25:00	24 38.4	-84 58.2	111.1	15.5	112.1	1632	82.4	1.5	-0.4	841.8	74.3	25.9	19.0	8.6	8.6	-37.3
18:25:00	24 36.6	-84 56.5	111.3	15.5	112.4	1620	15.2	1.6	-0.5	846.2	74.3	25.7	18.6	10.6	10.6	-37.6
18:25:00	24 37.2	-84 57.6	111.0	16.3	112.2	1630	17.7	-8.5	-16.5	75.0	81.3	-0.0	-6.5	50.0	50.0	50.8
18:25:00	24 37.2	-84 57.6	306.4	331.8	1494	1633	27.2	-2.1	-0.5	74.2	78.4	-0.5	211.7	90.6	7.8	119.9
18:25:30	24 38.7	-84 56.2	110.9	15.2	111.9	1631	82.5	1.5	-0.5	841.9	73.5	25.8	18.9	9.7	9.7	-23.6
18:25:30	24 36.8	-84 54.5	111.0	15.3	112.0	1619	15.2	1.7	-0.6	846.2	73.5	25.5	18.5	11.9	11.9	-37.6
18:25:30	24 37.5	-84 55.7	110.7	16.1	111.9	1634	17.7	-8.0	-16.7	74.2	80.5	-0.0	-6.4	50.0	50.0	55.3
18:25:30	24 37.5	-84 55.7	306.3	333.7	1494	1631	27.3	-1.5	-0.3	73.4	77.5	-0.5	210.6	91.1	7.4	119.2
18:26:00	24 38.9	-84 54.2	111.1	15.3	112.2	1634	82.5	1.5	-0.4	841.8	74.3	25.7	18.8	11.2	11.2	27.3
18:26:00	24 37.1	-84 52.5	111.1	15.4	112.2	1622	15.3	1.6	-0.5	846.2	74.3	25.4	18.3	13.1	13.1	-37.6
18:26:00	24 37.7	-84 53.7	110.9	16.1	112.1	1637	17.5	-8.4	-16.5	75.0	81.3	-0.0	-6.5	50.0	50.0	61.8
18:26:00	24 37.7	-84 53.7	306.2	336.4	1494	1633	27.1	-1.7	-0.4	74.2	78.4	-0.5	211.7	90.1	7.7	119.8

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:26:30	24 39.2	-84 52.2	111.0	15.3	112.1	1631	82.5	1.5	-0.5	841.9	74.0	25.5	18.7	11.5	11.5	23.8
18:26:30	24 37.3	-84 50.6	110.9	15.4	112.0	1620	15.3	1.7	-0.6	846.2	74.0	25.3	18.2	13.6	13.6	-37.6
18:26:30	24 38.0	-84 51.7	110.7	16.2	111.9	1640	17.5	-8.2	-16.7	74.7	81.0	-0.0	-6.5	50.0	50.0	63.3
18:26:30	24 38.0	-84 51.7	306.1	336.7	1494	1631	27.2	-1.9	-0.4	73.9	78.1	-0.5	211.3	90.7	7.6	119.6
18:27:00	24 39.4	-84 50.3	110.8	15.0	111.8	1632	82.3	1.7	-0.1	842.0	73.9	25.9	19.0	11.4	11.4	16.2
18:27:00	24 37.6	-84 48.6	110.6	15.2	111.6	1620	15.0	1.8	-0.2	846.3	73.9	25.6	18.5	13.9	13.9	-37.6
18:27:00	24 38.3	-84 49.8	110.4	16.0	111.6	1638	17.6	-8.8	-16.7	74.6	80.9	-0.0	-6.4	50.0	50.0	61.7
18:27:00	24 38.3	-84 49.8	306.4	337.0	1493	1630	27.2	-1.8	-0.4	73.8	77.9	-0.5	211.2	85.1	7.8	119.6
18:27:30	24 39.7	-84 48.3	110.4	14.3	111.4	1631	82.5	1.7	-0.2	841.9	73.5	25.8	19.0	11.7	11.7	16.8
18:27:30	24 37.8	-84 46.6	110.1	14.5	111.1	1619	15.2	1.9	-0.3	846.3	73.5	25.6	18.6	13.2	13.2	-37.6
18:27:30	24 38.5	-84 47.8	110.0	15.3	111.0	1638	17.7	-7.9	-16.6	74.1	80.5	-0.0	-6.4	50.0	50.0	63.1
18:27:30	24 38.5	-84 47.8	306.4	337.7	1493	1632	27.0	-2.5	-0.6	73.4	77.5	-0.5	210.6	82.7	7.9	119.3
18:28:00	24 39.9*	-84 46.3*	110.2	14.1	111.0*	1632*	82.6*	1.6*	-0.5*	841.9*	72.7	25.5*	18.7*	11.5*	11.5*	17.2
18:28:00	24 38.1*	-84 44.7*	109.7	14.3	110.7	1620*	15.3*	1.8*	-0.5*	846.2*	72.7	25.2*	18.3*	13.7*	13.7*	-37.6
18:28:00	24 38.8*	-84 45.9*	109.6	15.1	110.6	1635*	17.4	-7.5	-16.8	73.3	79.6	-0.0*	-6.3*	50.0*	50.0*	63.3
18:28:00	24 38.7*	-84 46.3*	306.1	336.9	1494*	1632*	27.0	-2.5	-0.6	72.6	76.6	-0.5	209.4	82.2	7.5	118.6
18:28:30	24 40.1	-84 44.4	110.5	14.2	111.4	1634	82.4	1.5	-0.5	841.8	73.2	25.8	19.0	10.5	10.5	16.1
18:28:30	24 38.3	-84 42.7	110.0	14.5	110.9	1623	15.2	1.6	-0.6	846.1	73.2	25.5	18.5	12.7	12.7	-37.6
18:28:30	24 39.0	-84 43.9	109.9	15.2	110.9	1632	17.6	-8.0	-16.6	73.8	80.1	-0.0	-6.4	50.0	50.0	58.4
18:28:30	24 39.0	-84 43.9	306.4	335.3	1495	1634	27.1	-1.6	-0.3	73.0	77.1	-0.5	210.1	81.2	7.6	119.0
18:29:00	24 40.4	-84 42.4	111.4	14.4	112.3	1631	82.5	1.6	-0.3	842.0	73.1	25.9	19.1	10.7	10.7	15.0
18:29:00	24 38.5	-84 40.8	110.8	14.8	111.8	1619	15.2	1.7	-0.4	846.3	73.1	25.6	18.7	13.3	13.3	-37.5
18:29:00	24 39.2	-84 41.9	110.7	15.5	111.8	1628	17.9	-7.2	-16.2	73.7	80.0	-0.0	-6.4	50.0	50.0	58.7
18:29:00	24 39.2	-84 42.0	306.5	335.8	1493	1631	27.3	-1.8	-0.4	73.0	77.0	-0.5	210.0	83.1	6.6	119.0
18:29:30	24 40.6	-84 40.4	111.6	14.3	112.5	1631	82.6	1.6	-0.4	842.0	73.7	25.7	18.8	11.5	11.5	13.4
18:29:30	24 38.8	-84 38.8	110.9	14.7	111.9	1619	15.3	1.8	-0.6	846.3	73.7	25.4	18.4	13.5	13.5	-37.6
18:29:30	24 39.5	-84 40.0	110.9	15.3	111.9	1627	17.5	-8.3	-16.4	74.3	80.7	-0.0	-6.4	50.0	50.0	62.7
18:29:30	24 39.5	-84 40.0	306.2	336.9	1493	1632	27.3	-2.0	-0.5	73.6	77.7	-0.5	210.9	82.9	6.8	119.4
18:30:00	24 40.3	-84 38.5	85.7	-74.5	113.6	1630	129.3*	1.8	24.9	841.7	72.1	25.5	18.8	11.1	11.1	-2.0
18:30:00	24 38.5	-84 36.9	84.9	-74.0	112.6	1618	62.0*	2.0	24.9	846.4	72.1	25.3	18.4	13.2	13.2	-37.6
18:30:00	24 39.3	-84 38.1	86.0	-72.2	112.3	1629	18.1	-1.1	-14.0	72.6	79.2	-0.0	-6.3	50.0	50.0	61.0
18:30:00	24 39.3	-84 38.1	306.2	336.1	1491	1629	27.1	-4.0	-0.6	72.1	76.7	-0.5	208.7	88.1	6.1	118.1
18:30:30	24 38.6	-84 38.1	-39.3	-113.4	120.0	1630	196.2*	2.2	25.0	841.7	70.0	25.4	18.9	10.6	10.6	10.3
18:30:30	24 36.8	-84 36.4	-40.2	-112.9	119.8	1619	128.8*	2.3	24.9	846.3	70.0	25.1	18.4	13.0	13.0	-37.6
18:30:30	24 37.6	-84 37.6	-38.7	-112.9	119.3	1626	18.2	0.7	-13.3	70.6	76.9	-0.0	-6.1	50.0	50.0	58.8
18:30:30	24 37.6	-84 37.6	306.3	335.3	1492	1629	27.2	-2.3	-0.0	70.0	74.2	-0.5	205.6	78.8	7.5	116.4
18:31:00	24 37.3	-84 39.6	-114.0	-50.7	124.8	1630	244.2	1.7	4.6	842.0	70.1	25.3	18.8	10.9	10.9	10.4
18:31:00	24 35.5	-84 38.0	-115.0	-50.2	125.5	1619	176.9	1.8	4.5	846.3	70.1	25.0	18.3	13.2	13.2	28.6
18:31:00	24 36.3	-84 39.2	-115.0	-49.8	125.3	1627	17.8	-5.0	-14.4	70.9	76.9	-0.0	-6.1	50.0	50.0	60.7
18:31:00	24 36.3	-84 39.2	306.2	335.8	1493	1631	27.0	1.9	0.9	70.0	73.9	-0.5	205.7	84.4	8.8	116.5

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:31:30	24 36.6	-84 41.7	-117.7	-43.6	125.5	1629	248.3	1.8	-0.2	842.2	70.8	25.2	18.6	11.4	11.4	-37.3
18:31:30	24 34.8	-84 40.1	-118.8	-43.0	126.3	1618	181.1	1.9	-0.2	846.2	70.8	24.9	18.1	13.4	13.4	25.9
18:31:30	24 35.6	-84 41.3	-118.8	-42.4	126.2	1625	17.3	-5.5	-14.4	71.6	77.6	-0.0	-6.2	50.0	50.0	63.3
18:31:30	24 35.6	-84 41.3	306.0	336.4	1494	1631	27.1	1.0	0.6	70.7	74.6	-0.5	206.7	81.9	8.7	117.0
18:32:00	24 35.9	-84 43.8	-118.3	-43.1	125.9	1629	248.6	1.8	-0.1	842.2	70.9	25.6	19.0	10.9	10.9	-37.3
18:32:00	24 34.1	-84 42.2	-119.5	-42.5	126.8	1618	181.3	1.9	-0.2	846.3	70.9	25.3	18.6	13.1	13.1	21.8
18:32:00	24 34.9	-84 43.4	-119.5	-42.0	126.7	1625	17.7	-5.5	-14.5	71.5	77.7	-0.0	-6.2	50.0	50.0	59.5
18:32:00	24 34.9	-84 43.4	306.4	335.9	1493	1630	27.1	-1.7	-0.2	70.9	74.7	-0.5	207.0	85.7	9.1	117.2
18:32:30	24 35.2	-84 45.9	-119.5	-43.4	127.1	1632	248.7	1.4	-0.3	841.9	73.6	25.6	18.7	12.2	12.2	-0.5
18:32:30	24 33.4	-84 44.4	-120.7	-42.8	128.1	1622	181.4	1.5	-0.5	846.2	73.6	25.3	18.3	14.1	14.1	17.8
18:32:30	24 34.2	-84 45.5	-120.7	-42.3	127.9	1628	17.5	-8.1	-15.6	74.2	80.5	-0.0	-6.4	50.0	50.0	66.1
18:32:30	24 34.5*	-84 44.5*	306.1	338.3	1494	1634	27.1	-2.0	-0.5	73.5	77.6	-0.5	210.8	86.6	8.2	119.3
18:33:00	24 34.5	-84 48.0	-118.8	-45.4	127.2	1631	247.3	1.6	-0.5	841.9	73.7	25.4	18.5	11.7	11.7	-37.3
18:33:00	24 32.7	-84 46.5	-120.2	-44.7	128.2	1620	180.1	1.7	-0.6	846.2	73.7	25.1	18.1	13.8	13.8	14.8
18:33:00	24 33.5	-84 47.7	-120.2	-44.2	128.0	1629	17.2	-8.2	-16.1	74.4	80.7	-0.0	-6.4	50.0	50.0	65.0
18:33:00	24 33.6	-84 47.4	305.9	337.0	1494	1631	27.1	-1.9	-0.4	73.6	77.7	-0.5	210.9	91.6	8.6	119.3
18:33:30	24 33.7	-84 50.1	-118.2	-45.4	126.6	1632	247.2	1.5	-0.4	841.8	73.4	25.5	18.7	11.5	11.5	6.3
18:33:30	24 32.0	-84 48.6	-119.6	-44.7	127.7	1622	179.9	1.6	-0.4	846.1	73.4	25.2	18.2	13.6	13.6	12.1
18:33:30	24 32.8	-84 49.8	-119.6	-44.3	127.5	1631	17.5	-8.2	-16.4	73.9	80.3	-0.0	-6.4	50.0	50.0	63.4
18:33:30	24 32.8	-84 49.8	306.1	336.8	1495	1632	27.1	-2.9	-0.7	73.2	77.3	-0.5	210.4	94.4	8.4	119.1
18:34:00	24 33.0	-84 52.2	-118.5	-45.8	127.1	1631	247.1	1.5	-0.3	841.9	73.9	25.5	18.7	10.1	10.1	6.0
18:34:00	24 31.2	-84 50.8	-120.1	-45.1	128.3	1619	179.8	1.6	-0.3	846.2	73.9	25.2	18.2	12.8	12.8	10.4
18:34:00	24 32.1	-84 51.9	-120.0	-44.6	128.1	1630	17.3	-9.1	-16.3	74.7	80.9	-0.0	-6.4	50.0	50.0	57.6
18:34:00	24 32.1	-84 51.8	306.0	334.0	1494	1631	27.1	-0.3	0.1	73.7	78.0	-0.5	211.1	90.0	8.2	119.5
18:34:30	24 32.2	-84 54.3	-118.9	-45.8	127.4	1632	247.0	1.4	-0.1	841.8	74.0	25.5	18.6	10.1	10.1	5.5
18:34:30	24 30.5	-84 52.9	-120.6	-45.0	128.7	1619	179.7	1.6	-0.2	846.2	74.0	25.2	18.2	12.2	12.2	7.9
18:34:30	24 31.3	-84 54.1	-120.5	-44.6	128.5	1631	17.4	-8.3	-16.0	74.7	80.9	-0.0	-6.5	50.0	50.0	57.7
18:34:30	24 31.3	-84 54.0	306.0	334.0	1494	1631	27.0	-0.9	-0.1	73.8	78.0	-0.5	211.2	92.2	8.7	119.5
18:35:00	24 31.5	-84 56.5	-119.0	-45.5	127.4	1631	247.0	1.6	-0.3	841.9	73.9	25.3	18.4	10.0	10.0	-37.2
18:35:00	24 29.8	-84 55.0	-120.7	-44.7	128.7	1619	179.8	1.7	-0.4	846.3	73.9	25.0	18.0	12.2	12.2	6.5
18:35:00	24 30.6	-84 56.2	-120.6	-44.4	128.5	1629	17.2	-8.3	-16.2	74.6	80.9	-0.0	-6.5	50.0	50.0	58.2
18:35:00	24 30.6	-84 56.2	305.8	333.7	1493	1630	27.0	-1.3	-0.2	73.8	77.9	-0.5	211.2	94.1	8.8	119.4
18:35:30	24 30.7	-84 58.5	-109.0	-63.9	126.3	1633	237.0*	1.2	-5.5	841.9	74.4	25.7	18.8	10.3	10.3	-24.3
18:35:30	24 29.0	-84 57.2	-110.8	-63.0	127.4	1620	169.8*	1.3	-5.6	846.0	74.4	25.4	18.3	12.7	12.7	-37.5
18:35:30	24 29.8	-84 58.3	-110.8	-62.5	127.2	1631	17.4	-9.2	-16.6	74.6	81.2	-0.0	-6.5	50.0	50.0	57.9
18:35:30	24 29.9	-84 58.2	306.2	334.6	1495	1634	27.2	-6.3	-1.9	74.2	78.2	-0.5	211.8	101.7	8.9	119.9
18:36:00	24 29.6	-85 0.4	-104.0	-71.4	126.1	1632	232.9	1.4	-0.8	841.8	74.3	25.3	18.4	12.2	12.2	-37.3
18:36:00	24 27.9	-84 59.1	-105.8	-70.5	127.2	1619	165.6	1.5	-0.9	846.2	74.3	25.1	18.0	14.0	14.0	-37.6
18:36:00	24 28.7	-85 0.2	-105.7	-70.2	126.9	1630	17.1	-8.9	-16.6	75.0	81.3	-0.0	-6.5	50.0	50.0	67.4
18:36:00	24 28.7	-85 0.2	305.8	337.9	1494	1632	26.5	-1.3	-0.2	74.2	78.4	-0.5	211.7	93.3	8.2	119.8

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:36:30	24 28.4	-85 2.2	-103.7	-72.0	126.3	1632	232.5	1.3	-0.5	841.6	75.7	25.5	18.5	11.3	11.3	-30.5
18:36:30	24 26.7	-85 0.9	-105.7	-71.2	127.4	1620	165.2	1.4	-0.6	846.1	75.7	25.3	18.1	13.5	13.5	-37.6
18:36:30	24 27.6	-85 2.1	-105.5	-70.9	127.1	1630	17.3	-9.8	-16.5	76.3	82.7	-0.0	-6.6	50.0	50.0	63.5
18:36:30	24 27.9*	-85 1.6*	305.9	336.3	1495	1633	27.2	-2.4	-0.6	75.5	79.8	-0.5	213.6	99.7	7.8	120.9
18:37:00	24 27.2	-85 4.1	-103.5	-71.8	126.0	1631	232.7	1.5	-0.6	841.8	75.0	25.2	18.2	11.3	11.3	26.9
18:37:00	24 25.6	-85 2.8	-105.5	-70.9	127.2	1619	165.4	1.6	-0.7	846.2	75.0	24.9

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:41:30	24 16.9	-85 20.5	-106.7	-68.0	126.5	1629	234.6	1.5	-0.3	841.8	76.8	26.6	19.5	5.2	5.2	1.3
18:41:30	24 15.4	-85 19.7	-109.2	-67.0	128.1	1618	167.4	1.6	-0.3	846.4	76.7	26.4	19.0	7.4	7.4	-37.6
18:41:30	24 16.3	-85 20.7	-108.9	-67.0	127.9	1634	18.3	-11.0	-17.5	77.5	83.8	-0.0	-6.7	50.0	50.0	39.2
18:41:30	24 16.3	-85 20.6	306.9	327.3	1492	1631	27.9	-0.9	-0.2	76.5	81.0	-0.5	215.1	105.7	7.4	121.8
18:42:00	24 15.8	-85 22.4	-106.3	-67.7	126.0	1632	234.5	1.3	-0.3	841.5	75.4	26.5	19.5	4.8	4.8	-14.8
18:42:00	24 14.3	-85 21.6	-108.8	-66.6	127.6	1622	167.2	1.4	-0.4	846.1	75.4	26.3	19.1	7.0	7.0	-37.6
18:42:00	24 15.2	-85 22.7	-108.5	-66.7	127.3	1637	18.1	-10.9	-18.1	76.2	82.4	-0.0	-6.6	50.0	50.0	37.8
18:42:00	24 15.2	-85 22.7	307.0	326.7	1495	1634	27.8	-1.0	-0.2	75.2	79.6	-0.5	213.2	104.5	8.0	120.7
18:42:30	24 14.7	-85 24.3	-105.9	-67.8	125.7	1632	234.8	1.3	-0.3	841.6	74.6	26.6	19.7	5.1	5.1	-26.7
18:42:30	24 13.2	-85 23.5	-108.5	-66.7	127.3	1622	167.5	1.4	-0.4	846.0	74.6	26.4	19.2	7.4	7.4	28.8
18:42:30	24 14.1	-85 24.6	-108.1	-66.8	127.1	1634	18.4	-9.8	-18.0	75.3	81.6	-0.0	-6.5	50.0	50.0	38.5
18:42:30	24 14.1	-85 24.6	307.1	327.4	1496	1634	27.7	-1.4	-0.3	74.4	78.7	-0.5	212.1	98.0	7.5	120.1
18:43:00	24 13.6	-85 26.2	-106.0	-68.1	126.0	1632	234.7	1.2	-0.7	841.6	75.4	26.5	19.5	4.5	4.5	-33.4
18:43:00	24 12.1	-85 25.4	-108.7	-67.1	127.7	1622	167.4	1.3	-0.8	846.0	75.4	26.3	19.0	7.4	7.4	26.6
18:43:00	24 13.0	-85 26.5	-108.3	-67.1	127.4	1632	18.1	-10.4	-17.7	76.1	82.4	-0.0	-6.6	50.0	50.0	37.3
18:43:00	24 13.0	-85 26.5	306.9	326.4	1495	1634	27.2	-2.2	-0.5	75.2	79.5	-0.5	213.2	100.8	7.5	120.7
18:43:30	24 12.5	-85 28.1	-105.9	-68.0	125.8	1629	234.7	1.5	-0.4	841.9	74.6	26.8	19.8	3.3	3.3	-33.4
18:43:30	24 11.0	-85 27.4	-108.5	-66.9	127.5	1619	167.5	1.6	-0.5	846.3	74.6	26.5	19.4	6.6	6.6	25.6
18:43:30	24 11.9	-85 28.4	-108.1	-67.1	127.2	1625	18.4	-8.7	-17.4	75.4	81.6	-0.0	-6.5	50.0	50.0	33.5
18:43:30	24 11.9	-85 28.4	307.3	325.2	1493	1630	27.6	-0.9	-0.1	74.5	78.7	-0.5	212.1	96.8	7.6	120.1
18:44:00	24 11.4	-85 29.9	-105.7	-68.1	125.8	1630	234.5	1.5	-0.3	841.7	74.6	26.6	19.7	5.1	5.1	-36.4
18:44:00	24 9.9	-85 29.3	-108.4	-67.1	127.5	1619	167.3	1.5	-0.3	846.2	74.5	26.4	19.3	7.2	7.2	24.4
18:44:00	24 10.8	-85 30.3	-108.0	-67.2	127.2	1622	18.3	-10.0	-17.9	75.3	81.6	-0.0	-6.5	50.0	50.0	38.3
18:44:00	24 10.8	-85 30.3	307.1	327.4	1494	1632	27.6	-1.4	-0.3	74.4	78.7	-0.5	212.0	98.3	7.7	120.1
18:44:30	24 10.3	-85 31.8	-105.5	-67.4	125.2	1632	234.5	1.2	-0.2	841.6	74.8	26.7	19.8	4.9	4.9	-36.7
18:44:30	24 8.9	-85 31.2	-108.2	-66.4	127.0	1622	167.2	1.4	-0.3	846.0	74.8	26.5	19.3	9.0	9.0	21.4
18:44:30	24 9.7	-85 32.2	-107.8	-66.5	126.7	1624	18.5	-9.5	-17.9	75.5	81.8	-0.0	-6.5	50.0	50.0	37.7
18:44:30	24 10.2*	-85 31.3*	307.2	327.3	1496	1630	27.5	-0.9	-0.1	74.6	78.9	-0.5	212.3	104.6	7.5	120.3
18:45:00	24 9.2	-85 33.7	-106.2	-67.4	125.8	1630	234.5	1.3	-0.3	841.7	75.0	26.7	19.7	4.1	4.1	-32.6
18:45:00	24 7.8	-85 33.1	-108.9	-66.4	127.6	1619	167.3	1.5	-0.4	846.2	75.0	26.4	19.3	6.9	6.9	19.3
18:45:00	24 8.7	-85 34.1	-108.5	-66.5	127.2	1620	18.4	-10.6	-17.9	75.8	82.0	-0.0	-6.5	50.0	50.0	35.6
18:45:00	24 8.8	-85 33.9	307.1	326.0	1494	1632	27.5	-1.3	-0.3	74.9	79.2	-0.5	212.7	105.0	8.1	120.5
18:45:30	24 8.1	-85 35.6	-106.2	-66.8	125.5	1630	234.7	1.5	-0.2	841.8	74.9	26.6	19.7	6.4	6.4	-32.4
18:45:30	24 6.7	-85 35.1	-109.0	-65.8	127.3	1619	167.4	1.6	-0.3	846.2	74.9	26.4	19.2	8.6	8.6	18.1
18:45:30	24 7.6	-85 36.1	-108.5	-66.0	127.0	1619	18.3	-9.8	-17.7	75.7	81.9	-0.0	-6.5	50.0	50.0	42.1
18:45:30	24 7.8	-85 35.7	307.1	329.2	1494	1632	27.5	-0.9	-0.1	74.7	79.0	-0.5	212.5	106.9	8.1	120.4
18:46:00	24 7.0	-85 37.4	-105.6	-66.9	125.0	1630	234.7	1.4	-0.5	841.7	74.8	26.4	19.4	7.2	7.2	-29.5
18:46:00	24 5.6	-85 37.0	-108.4	-65.9	126.9	1620	167.4	1.5	-0.6	846.2	74.8	26.1	19.0	9.4	9.4	17.3
18:46:00	24 6.5	-85 38.0	-107.9	-66.1	126.6	1618	18.2	-10.1	-18.0	75.6	81.8	-0.0	-6.5	50.0	50.0	45.1
18:46:00	24 6.7	-85 37.7	306.9	330.1	1494	1631	27.5	-0.8	-0.1	74.6	78.9	-0.5	212.4	106.2	7.4	120.3

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:46:30	24 5.9	-85 39.3	-105.5	-66.5	124.7	1630	234.6	1.5	-0.3	841.7	73.6	26.1	19.3	6.3	6.3	-31.8
18:46:30	24 4.6	-85 38.9	-108.3	-65.4	126.5	1621	167.3	1.6	-0.4	846.1	73.6	25.8	18.8	8.5	8.5	-37.6
18:46:30	24 5.4	-85 39.9	-107.8	-65.7	126.2	1618	17.9	-9.0	-17.9	74.4	80.6	-0.0	-6.4	50.0	50.0	42.8
18:46:30	24 5.6	-85 39.5	306.7	328.6	1495	1630	27.6	-0.9	-0.1	73.4	77.7	-0.5	210.7	105.4	8.4	119.3
18:47:00	24 4.9	-85 41.2	-105.9	-66.7	125.2	1629	234.7	1.4	-0.4	841.8	74.3	26.1	19.1	7.5	7.5	-23.5
18:47:00	24 3.5	-85 40.8	-108.7	-65.7	127.0	1618	167.5	1.6	-0.5	846.2	74.3	25.8	18.7	9.7	9.7	-37.6
18:47:00	24 4.4	-85 41.8	-108.1	-66.0	126.7	1619	17.9	-9.2	-17.5	75.0	81.3	-0.0	-6.5	50.0	50.0	46.8
18:47:00	24 4.7	-85 41.3	306.6	330.2	1494	1631	27.4	-1.7	-0.4	74.1	78.4	-0.5	211.7	104.8	8.1	119.8
18:47:30	24 3.8	-85 43.0	-105.4	-67.0	124.8	1630	234.8	1.4	-0.4	841.8	74.8	26.0	19.0	11.4	11.4	-23.9
18:47:30	24 2.4	-85 42.7	-108.2	-66.0	126.7	1619	167.5	1.6	-0.5	846.2	74.8	25.7	18.6	12.9	12.9	-37.6
18:47:30	24 3.3	-85 43.7	-107.6	-66.2	126.4	1623	17.8	-9.0	-17.4	75.5	81.8	-0.0	-6.5	50.0	50.0	61.8
18:47:30	24 3.6*	-85 43.2*	306.4	337.1	1494	1631	27.6	-1.5	-0.3	74.7	78.9	-0.5	212.4	106.7	7.2	120.3
18:48:00	24 2.7	-85 44.9	-105.5	-67.0	125.0	1629	234.5	1.4	-0.2	841.8	75.2	26.3	19.3	7.8	7.8	-24.0
18:48:00	24 1.4	-85 44.7	-108.3	-66.0	126.9	1618	167.2	1.5	-0.3	846.2	75.2	26.0	18.8	10.3	10.3	-37.6
18:48:00	24 2.2	-85 45.6	-107.8	-66.3	126.6	1622	18.0	-10.4	-17.7	75.9	82.2	-0.0	-6.6	50.0	50.0	47.4
18:48:00	24 2.2	-85 45.6	306.7	330.8	1494	1630	27.7	-2.2	-0.6	75.0	79.3	-0.5	212.9	110.4	7.7	120.6
18:48:30	24 1.6	-85 46.8	-105.5	-67.0	125.0	1629	234.7	1.5	-0.4	841.8	75.0	26.1	19.1	7.4	7.4	-24.3
18:48:30	24 0.3	-85 46.6	-108.3	-66.0	126.8	1618	167.4	1.6	-0.6	846.2	75.0	25.8	18.7	10.7	10.7	-37.6
18:48:30	24 1.1	-85 47.5	-107.8	-66.3	126.5	1621	17.8	-10.4	-17.8	75.8	82.0	-0.0	-6.5	50.0	50.0	46.5
18:48:30	24 1.2	-85 47.4	306.5	330.0	1494	1630	27.5	-1.0	-0.2	74.8	79.2	-0.5	212.7	106.6	7.3	120.4
18:49:00	24 0.5	-85 48.6	-105.1	-67.0	124.7	1628	234.8	1.3	-0.6	841.7	73.3	26.2	19.4	8.5	8.5	-24.2
18:49:00	23 59.2	-85 48.5	-107.9	-66.0	126.5	1617	167.6	1.4	-0.7	846.1	73.3	25.9	18.9	10.9	10.9	-37.6
18:49:00	24 0.1	-85 49.4	-107.3	-66.3	126.2	1622	18.1	-9.0	-17.9	74.0	80.2	-0.0	-6.4	50.0	50.0	49.4
18:49:00	24 0.2	-85 49.1	306.8	332.1	1495	1630	27.4	-1.5	-0.3	73.1	77.4	-0.5	210.3	99.4	7.6	119.1
18:49:30	23 59.4	-85 50.5	-105.7	-67.2	125.2	1628	234.5	1.3	-0.4	841.7	74.4	26.1	19.2	7.6	7.6	-23.8
18:49:30	23 58.1	-85 50.4	-108.4	-66.3	127.1	1617	167.3	1.4	-0.5	846.1	74.4	25.8	18.7	9.8	9.8	-37.5
18:49:30	23 59.0	-85 51.3	-107.9	-66.6	126.8	1622	17.8	-10.0	-17.8	75.2	81.4	-0.0	-6.5	50.0	50.0	47.2
18:49:30	23 59.0	-85 51.3	306.6	330.5	1495	1630	27.5	-1.1	-0.2	74.2	78.5	-0.5	211.8	104.2	8.0	119.9
18:50:00	23 58.3	-85 52.3	-104.1	-66.0	123.3	1626	234.6	1.6	-0.3	842.0	72.0	26.0	19.3	7.1	7.1	-23.8
18:50:00	23 57.1	-85 52.3	-106.8	-65.2	125.1	1616	167.3	1.6	-0.4	846.2	72.0	25.7	18.9	9.4	9.4	-37.6
18:50:00	23 57.9	-85 53.2	-106.2	-65.6	124.8	1624	18.1	-6.9	-16.9	72.6	78.8	-0.0	-6.3	50.0	50.0	45.3
18:50:00	23 58.0	-85 53.1	306.7	329.9	1494	1628	27.0	-1.0	-0.1	71.9	75.8	-0.5	208.4	103.9	7.8	118.0
18:50:30	23 57.3	-85 54.2	-102.3	-64.6	121.0	1624	234.7	1.8	-0.3	842.4	69.4	26.0	19.5	8.1	8.1	-24.0
18:50:30	23 56.0	-85 54.2	-105.1	-63.7	122.9	1613	167.4	1.9	-0.4	846.3	69.4	25.7	19.1	10.1	10.1	-37.6
18:50:30	23 56.9	-85 55.1	-104.5	-64.1	122.6	1620	18.3	-4.7	-15.4	70.0	76.0	-0.0	-6.1	50.0	50.0	47.7
18:50:30	23 57.2	-85 54.4	306.9	331.6	1492	1625	27.7	-0.9	0.0	69.3	73.1	-0.5	204.7	105.2	7.7	116.0
18:51:00	23 56.2	-85 56.0	-100.6	-63.7	119.1	1624	234.8	1.8	-0.4	842.5	67.3	25.7	19.4	8.4	8.4	-23.6
18:51:00	23 55.0	-85 56.0	-103.3	-62.8	120.9	1614	167.5	2.0	-0.5	846.2	67.3	25.4	19.0	10.7	10.7	-37.6
18:51:00	23 55.8	-85 56.9	-102.7	-63.2	120.6	1620	18.1	-2.6	-13.8	67.7	73.8	-0.0	-5.9	50.0	50.0	48.9
18:51:00	23 55.8	-85 56.9	306.9	332.0	1494	1625	27.6	-3.2	-0.7	67.3	70.7	-0.5	201.7	106.5	7.5	114.3

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:51:30	23 55.2	-85 57.7	-99.8	-62.9	118.0	1622	234.5	2.1	-0.4	842.7	66.3	25.6	19.4	7.6	7.6	-23.9
18:51:30	23 54.0	-85 57.8	-102.5	-62.1	119.8	1610	167.3	2.2	-0.5	846.4	66.3	25.3	18.9	9.8	9.8	-37.6
18:51:30	23 54.8	-85 58.7	-102.2	-62.8	119.9	1614	18.2	-2.4	-13.6	66.8	72.7	-0.0	-5.8	50.0	50.0	46.6
18:51:30	23 54.9	-85 58.6	306.8	330.7	1491	1623	27.8	-2.5	-0.5	66.3	69.7	-0.5	200.3	110.5	7.8	113.4
18:52:00	23 54.2	-85 59.5	-99.5	-62.5	117.5	1623	234.6	2.3	-0.4	842.6	65.4	25.4	19.2	8.8	8.8	-24.0
18:52:00	23 53.0	-85 59.6	-102.1	-61.7	119.3	1612	167.3	2.4	-0.5	846.3	65.4	25.1	18.8	9.4	9.4	-37.6
18:52:00	23 53.8	-86 0.5	-101.5	-62.1	119.0	1612	18.0	-1.5	-12.5	66.0	71.9	-0.0	-5.7	50.0	50.0	50.9
18:52:00	23 53.9	-86 0.2	306.7	332.5	1493	1624	27.6	-2.0	-0.3	65.4	68.8	-0.5	198.9	108.6	7.9	112.7
18:52:30	23 53.2	-86 1.3	-101.7	-64.1	120.3	1627	234.4	1.8	-0.2	841.9	68.6	25.5	19.1	6.6	6.6	-23.4
18:52:30	23 52.0	-86 1.5	-104.3	-63.4	122.1	1616	167.1	1.9	-0.3	846.0	68.6	25.2	18.7	9.2	9.2	-37.6
18:52:30	23 52.8	-86 2.3	-103.7	-63.8	121.8	1617	17.8	-5.1	-13.5	69.3	75.3	-0.0	-6.0	50.0	50.0	44.1
18:52:30	23 53.0	-86 1.9	306.6	328.9	1496	1627	27.5	-0.4	0.2	68.5	72.3	-0.5	203.6	107.4	8.0	115.3
18:53:00	23 52.1	-86 3.1	-103.8	-65.4	122.7	1624	234.6	1.7	-0.3	842.0	71.7	26.3	19.6	6.8	6.8	-24.0
18:53:00	23 50.9	-86 3.3	-106.3	-64.7	124.5	1614	167.3	1.9	-0.4	846.3	71.7	26.0	19.1	9.0	9.0	27.5
18:53:00	23 51.7	-86 4.2	-105.8	-65.2	124.2	1615	18.2	-6.5	-14.1	72.4	78.6	-0.0	-6.3	50.0	50.0	43.6
18:53:00	23 51.9	-86 3.9	307.0	329.7	1493	1627	27.5	-1.0	-0.0	71.6	75.6	-0.5	208.0	108.0	7.8	117.8
18:53:30	23 51.1	-86 4.9	-103.0	-64.6	121.6	1621	234.7	1.7	-0.5	842.4	69.4	25.8	19.3	8.6	8.6	-22.8
18:53:30	23 49.9	-86 5.2	-105.5	-64.0	123.4	1610	167.4	1.9	-0.6	846.3	69.4	25.5	18.8	10.9	10.9	26.2
18:53:30	23 50.7	-86 6.0	-105.0	-64.4	123.2	1615	18.0	-4.2	-14.3	69.9	76.1	-0.0	-6.1	50.0	50.0	49.9
18:53:30	23 50.9	-86 5.6	306.7	332.1	1492	1625	27.5	-2.1	-0.3	69.4	73.0	-0.5	204.8	104.9	8.5	116.0
18:54:00	23 50.0	-86 6.7	-101.8	-63.4	120.0	1622	234.7	1.9	-0.4	842.4	68.0	25.5	19.1	7.9	7.9	-23.8
18:54:00	23 48.8	-86 7.0	-104.3	-62.7	121.8	1610	167.4	2.0	-0.4	846.3	68.0	25.2	18.7	10.8	10.8	25.1
18:54:00	23 49.6	-86 7.9	-103.8	-63.2	121.5	1615	17.8	-4.1	-14.4	68.5	74.5	-0.0	-6.0	50.0	50.0	48.4
18:54:00	23 50.1*	-86 7.0*	306.5	330.9	1493	1625	27.6	-1.8	-0.2	67.9	71.5	-0.5	202.7	107.9	8.4	114.8
18:54:30	23 49.0	-86 8.5	-100.7	-62.9	118.7	1620	234.8	2.1	-0.5	842.7	65.4	25.7	19.6	7.7	7.7	-23.3
18:54:30	23 47.8	-86 8.9	-103.1	-62.3	120.5	1608	167.4	2.3	-0.6	846.4	65.4	25.4	19.2	10.1	10.1	24.1
18:54:30	23 48.6	-86 9.7	-102.6	-62.8	120.3	1611	18.5	-1.1	-13.0	66.0	71.8	-0.0	-5.7	50.0	50.0	46.2
18:54:30	23 48.8	-86 9.4	307.0	331.1	1492	1624	27.7	-2.1	-0.3	65.4	68.8	-0.5	199.0	102.4	8.7	112.7
18:55:00	23 48.0	-86 10.3	-100.6	-63.1	118.7	1622	234.7	2.0	-0.3	842.4	66.0	25.6	19.4	7.3	7.3	-26.7
18:55:00	23 46.8	-86 10.7	-103.0	-62.5	120.5	1611	167.4	2.1	-0.4	846.2	65.9	25.3	19.0	9.3	9.3	21.3
18:55:00	23 47.6	-86 11.5	-102.4	-63.0	120.3	1611	18.0	-2.0	-13.0	66.4	72.4	-0.0	-5.8	50.0	50.0	45.3
18:55:00	23 47.9	-86 11.0	306.8	330.2	1494	1626	27.6	-2.7	-0.6	65.9	69.3	-0.5	199.7	104.7	8.5	113.1
18:55:30	23 47.0	-86 12.0	-100.9	-63.0	118.9	1620	234.7	2.0	-0.4	842.5	66.9	25.5	19.3	8.3	8.3	-24.3
18:55:30	23 45.8	-86 12.5	-103.2	-62.5	120.7	1609	167.4	2.1	-0.5	846.3	66.9	25.2	18.8	10.6	10.6	19.9
18:55:30	23 46.6	-86 13.3	-102.8	-62.9	120.5	1607	17.9	-2.6	-12.8	67.4	73.4	-0.0	-5.9	50.0	50.0	49.2
18:55:30	23 46.7	-86 13.1	306.7	331.7	1493	1625	27.5	-2.3	-0.4	66.9	70.4	-0.5	201.1	108.5	8.2	113.9
18:56:00	23 45.9	-86 13.8	-100.6	-62.8	118.6	1620	234.6	2.0	-0.4	842.5	66.9	25.7	19.4	7.4	7.4	-23.4
18:56:00	23 44.8	-86 14.3	-102.9	-62.3	120.3	1609	167.4	2.1	-0.5	846.3	66.9	25.3	18.9	9.7	9.7	19.0
18:56:00	23 45.5	-86 15.1	-102.5	-62.8	120.2	1610	18.1	-2.8	-12.9	67.4	73.4	-0.0	-5.9	50.0	50.0	45.9
18:56:00	23 46.0	-86 14.4	306.8	330.4	1493	1625	27.6	-2.4	-0.5	66.8	70.4	-0.5	201.1	111.0	8.2	113.9

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:56:30	23 44.9	-86 15.6	-100.3	-62.6	118.3	1620	234.7	1.9	-0.3	842.5	66.1	25.9	19.7	6.8	6.8	-24.0
18:56:30	23 43.8	-86 16.1	-102.6	-62.2	120.0	1610	167.4	2.1	-0.5	846.3	66.1	25.6	19.2	8.9	8.9	18.3
18:56:30	23 44.5	-86 16.9	-102.1	-62.6	119.8	1612	18.3	-2.4	-13.2	66.6	72.5	-0.0	-5.8	50.0	50.0	43.1
18:56:30	23 44.6	-86 16.8	307.1	329.7	1493	1625	27.3	-2.3	-0.4	66.1	69.6	-0.5	200.0	109.0	8.2	113.3
18:57:00	23 43.9	-86 17.4	-100.1	-62.8	118.2	1620	234.6	2.0	-0.3	842.5	66.4	25.9	19.7	5.5	5.5	-23.5
18:57:00	23 42.8	-86 18.0	-102.3	-62.4	119.9	1609	167.3	2.1	-0.4	846.3	66.4	25.6

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:01:30	23 34.7	-86 33.3	-99.8	-63.0	118.0	1617	234.2	2.0	-0.4	842.6	65.6	25.7	19.6	9.4	9.4	-24.1
19:01:30	23 33.5	-86 34.2	-101.3	-63.0	119.3	1607	167.0	2.1	-0.5	846.3	65.6	25.4	19.1	11.4	11.4	23.6
19:01:30	23 34.2	-86 34.9	-100.9	-63.6	119.3	1612	18.3	-2.1	-13.2	66.1	72.1	-0.0	-5.8	50.0	50.0	52.0
19:01:30	23 34.2	-86 34.9	307.0	333.9	1493	1622	27.5	-3.1	-0.7	65.6	69.0	-0.5	199.2	110.2	8.7	112.9
19:02:00	23 33.7	-86 35.1	-99.8	-62.4	117.7	1615	234.2	2.1	-0.6	842.7	64.8	25.5	19.5	8.4	8.4	-23.2
19:02:00	23 32.5	-86 36.0	-101.2	-62.6	119.0	1606	167.0	2.2	-0.7	846.4	64.8	25.2	19.0	10.7	10.7	21.0
19:02:00	23 33.2	-86 36.7	-100.9	-63.1	119.0	1613	18.2	-1.0	-12.9	65.3	71.2	-0.0	-5.7	50.0	50.0	48.8
19:02:00	23 33.2	-86 36.7	306.9	332.0	1492	1621	27.5	-1.7	-0.2	64.8	68.1	-0.5	198.0	108.2	9.0	112.2
19:02:30	23 32.6	-86 36.8	-100.2	-62.8	118.2	1619	234.2	2.0	-0.3	842.5	65.5	25.6	19.4	8.3	8.3	-23.5
19:02:30	23 31.5	-86 37.8	-101.5	-63.0	119.5	1607	166.9	2.1	-0.4	846.2	65.5	25.3	19.0	10.7	10.7	19.1
19:02:30	23 32.2	-86 38.4	-101.1	-63.5	119.4	1615	18.2	-2.1	-12.8	66.1	71.9	-0.0	-5.8	50.0	50.0	48.8
19:02:30	23 32.2	-86 38.4	306.9	332.0	1494	1623	27.5	-1.7	-0.2	65.5	68.9	-0.5	199.1	108.6	8.9	112.8
19:03:00	23 31.6	-86 38.6	-100.1	-63.1	118.3	1617	234.2	2.0	-0.3	842.6	66.0	25.5	19.3	8.8	8.8	-23.6
19:03:00	23 30.5	-86 39.6	-101.3	-63.4	119.5	1606	167.0	2.2	-0.4	846.3	66.0	25.2	18.8	11.0	11.0	18.0
19:03:00	23 31.1	-86 40.2	-101.0	-63.9	119.5	1615	18.1	-2.3	-12.7	66.6	72.5	-0.0	-5.8	50.0	50.0	50.9
19:03:00	23 31.1	-86 40.2	306.7	332.6	1493	1622	27.5	-1.5	-0.1	66.0	69.4	-0.5	199.8	108.4	8.4	113.2
19:03:30	23 30.6	-86 40.3	-100.1	-63.4	118.5	1619	234.2	1.9	-0.6	842.3	66.7	25.7	19.4	7.9	7.9	-23.7
19:03:30	23 29.4	-86 41.4	-101.3	-63.7	119.6	1609	167.0	2.0	-0.6	846.1	66.6	25.4	19.0	10.2	10.2	17.2
19:03:30	23 30.1	-86 42.0	-100.9	-64.2	119.6	1620	18.1	-3.1	-12.9	67.2	73.1	-0.0	-5.8	50.0	50.0	47.5
19:03:30	23 30.1	-86 42.0	306.9	331.3	1495	1624	27.5	-2.2	-0.4	66.6	70.1	-0.5	200.8	110.7	8.2	113.7
19:04:00	23 29.6	-86 42.1	-100.6	-63.7	119.1	1618	234.1	1.8	-0.4	842.3	67.5	25.9	19.6	7.7	7.7	-23.1
19:04:00	23 28.4	-86 43.1	-101.7	-64.0	120.2	1609	166.8	1.9	-0.5	846.2	67.5	25.6	19.1	9.9	9.9	-37.6
19:04:00	23 29.1	-86 43.8	-101.3	-64.5	120.2	1619	18.3	-3.8	-13.0	68.1	74.1	-0.0	-5.9	50.0	50.0	46.3
19:04:00	23 29.1	-86 43.8	307.0	331.1	1494	1624	27.4	-1.1	-0.0	67.5	71.0	-0.5	202.0	112.1	8.3	114.5
19:04:30	23 28.5	-86 43.9	-100.5	-64.0	119.1	1618	234.2	1.9	-0.6	842.4	67.7	25.7	19.4	7.1	7.1	-23.2
19:04:30	23 27.4	-86 44.9	-101.5	-64.4	120.2	1609	166.9	2.0	-0.7	846.3	67.7	25.4	18.9	9.5	9.5	-37.6
19:04:30	23 28.0	-86 45.6	-101.1	-64.9	120.2	1626	18.1	-4.4	-13.5	68.3	74.3	-0.0	-5.9	50.0	50.0	45.0
19:04:30	23 28.0	-86 45.6	306.8	329.9	1493	1623	27.3	-1.2	-0.0	67.6	71.2	-0.5	202.3	109.1	7.7	114.6
19:05:00	23 27.5	-86 45.6	-100.0	-64.0	118.8	1619	234.2	1.9	-1.5*	842.5	67.0	25.7	19.4	9.3	9.3	-23.4
19:05:00	23 26.3	-86 46.7	-101.0	-64.4	119.7	1608	166.9	2.0	-1.7*	846.2	67.0	25.4	18.9	11.5	11.5	-37.6
19:05:00	23 27.0	-86 47.3	-100.6	-64.9	119.8	1627	18.2	-3.7	-13.7	67.4	73.5	-0.0	-5.9	50.0	50.0	52.2
19:05:00	23 27.0	-86 47.3	306.8	333.5	1494	1623	27.3	-3.3	-0.6	66.9	70.5	-0.5	201.2	109.0	8.0	114.0
19:05:30	23 26.4	-86 47.4	-98.0	-66.6	118.5	1619	232.4	1.9	-0.4	842.4	67.5	25.7	19.4	9.4	9.4	-23.5
19:05:30	23 25.2	-86 48.5	-98.8	-67.1	119.4	1607	165.2	2.1	-0.5	846.3	67.5	25.4	19.0	11.5	11.5	28.4
19:05:30	23 25.9	-86 49.1	-98.5	-67.7	119.5	1619	18.2	-3.7	-13.2	68.0	74.1	-0.0	-5.9	50.0	50.0	52.3
19:05:30	23 25.9	-86 49.0	306.9	333.7	1493	1624	27.3	-2.6	-0.5	67.5	71.1	-0.5	202.1	112.9	7.8	114.5
19:06:00	23 25.3	-86 49.1	-97.8	-66.4	118.3	1619	232.3	1.8	-0.3	842.3	67.2	25.9	19.6	9.2	9.2	-24.4
19:06:00	23 24.2	-86 50.2	-98.6	-67.0	119.2	1610	165.0	1.9	-0.4	846.1	67.2	25.6	19.2	11.2	11.2	27.0
19:06:00	23 24.8	-86 50.8	-98.2	-67.5	119.2	1617	18.4	-3.8	-13.6	67.8	73.7	-0.0	-5.9	50.0	50.0	51.1
19:06:00	23 24.8	-86 50.8	307.0	333.6	1495	1625	27.4	-1.1	-0.0	67.1	70.7	-0.5	201.5	113.2	7.8	114.2

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:06:30	23 24.3	-86 50.8	-98.3	-67.0	119.0	1619	232.5	1.7	-0.4	842.3	67.6	25.9	19.6	8.5	8.5	-23.5
19:06:30	23 23.1	-86 51.9	-98.9	-67.6	119.8	1608	165.1	1.8	-0.6	846.2	67.6	25.6	19.1	10.7	10.7	24.8
19:06:30	23 23.7	-86 52.5	-98.6	-68.2	119.9	1618	18.3	-3.9	-13.4	68.1	74.2	-0.0	-5.9	50.0	50.0	49.0
19:06:30	23 23.7	-86 52.5	307.0	332.5	1494	1624	27.3	-2.4	-0.5	67.6	71.2	-0.5	202.2	109.5	7.8	114.6
19:07:00	23 23.2	-86 52.6	-98.5	-67.2	119.3	1618	232.1	1.8	-0.2	842.3	68.2	25.5	19.1	10.3	10.3	-24.0
19:07:00	23 22.0	-86 53.7	-99.0	-67.9	120.1	1608	164.8	1.9	-0.3	846.3	68.2	25.2	18.7	12.2	12.2	22.1
19:07:00	23 22.6	-86 54.3	-98.7	-68.4	120.1	1618	17.8	-4.6	-13.4	68.8	74.8	-0.0	-6.0	50.0	50.0	56.9
19:07:00	23 22.6	-86 54.3	306.5	335.1	1493	1624	27.2	-1.4	-0.1	68.2	71.8	-0.5	203.1	112.2	8.1	115.0
19:07:30	23 22.1	-86 54.3	-98.4	-67.1	119.1	1617	232.4	2.0	-0.3	842.5	67.8	25.9	19.5	8.8	8.8	-23.5
19:07:30	23 20.9	-86 55.4	-98.8	-67.8	119.9	1606	165.1	2.1	-0.3	846.4	67.8	25.6	19.1	10.9	10.9	18.9
19:07:30	23 21.4	-86 56.0	-98.5	-68.4	119.9	1618	18.4	-4.1	-13.4	68.4	74.5	-0.0	-5.9	50.0	50.0	49.9
19:07:30	23 21.4	-86 56.0	306.9	332.8	1492	1623	27.2	-2.0	-0.3	67.8	71.4	-0.5	202.5	110.0	7.8	114.7
19:08:00	23 21.0	-86 56.0	-97.5	-67.0	118.3	1617	232.5	1.9	-0.5	842.4	66.6	25.8	19.6	9.3	9.3	-23.6
19:08:00	23 19.8	-86 57.2	-97.8	-67.7	119.0	1607	165.2	2.0	-0.6	846.2	66.6	25.5	19.1	11.4	11.4	17.4
19:08:00	23 20.3	-86 57.7	-97.6	-68.3	119.1	1621	18.3	-3.4	-13.7	67.1	73.1	-0.0	-5.8	50.0	50.0	51.6
19:08:00	23 20.3	-86 57.7	307.0	333.7	1494	1625	27.1	-2.3	-0.4	66.6	70.1	-0.5	200.7	106.5	7.4	113.8
19:08:30	23 19.9	-86 57.7	-98.0	-67.2	118.8	1618	232.2	1.8	-0.2	842.5	67.2	25.8	19.5	9.5	9.5	-23.2
19:08:30	23 18.7	-86 58.9	-98.2	-68.0	119.5	1606	164.9	1.9	-0.4	846.3	67.2	25.4	19.0	11.8	11.8	15.5
19:08:30	23 19.2	-86 59.5	-98.0	-68.6	119.6	1620	18.3	-3.4	-13.2	67.6	73.6	-0.0	-5.9	50.0	50.0	52.7
19:08:30	23 19.2	-86 59.4	306.9	334.0	1493	1625	27.0	-2.1	-0.4	67.1	70.6	-0.5	201.5	108.1	7.9	114.2
19:09:00	23 18.8	-86 59.4	-98.0	-66.9	118.7	1617	232.4	1.9	-0.3	842.4	67.0	25.5	19.3	9.9	9.9	-23.7
19:09:00	23 17.6	-87 0.6	-98.1	-67.8	119.3	1607	165.1	2.0	-0.4	846.3	67.0	25.2	18.8	12.0	12.0	13.8
19:09:00	23 18.1	-87 1.2	-97.9	-68.3	119.4	1621	18.0	-3.4	-13.4	67.5	73.5	-0.0	-5.9	50.0	50.0	54.8
19:09:00	23 18.1	-87 1.2	306.7	334.5	1493	1625	26.6	-1.6	-0.2	66.9	70.5	-0.5	201.3	107.6	7.9	114.0
19:09:30	23 17.7	-87 1.2	-97.9	-67.1	118.7	1617	232.3	2.0	-0.5	842.6	66.2	25.6	19.4	11.2	11.2	-23.8
19:09:30	23 16.5	-87 2.3	-98.0	-68.0	119.2	1606	165.1	2.1	-0.5	846.3	66.2	25.3	18.9	13.1	13.1	12.6
19:09:30	23 17.0	-87 2.9	-97.7	-68.5	119.3	1620	18.1	-3.0	-13.6	66.8	72.7	-0.0	-5.8	50.0	50.0	59.5
19:09:30	23 17.0	-87 2.9	306.8	337.1	1493	1624	27.0	-1.7	-0.2	66.2	69.7	-0.5	200.2	104.3	8.2	113.5
19:10:00	23 16.6	-87 2.9	-97.9	-67.1	118.7	1617	232.3	2.0	-0.4	842.6	66.1	25.7	19.5	10.8	10.8	-23.8
19:10:00	23 15.3	-87 4.1	-97.8	-68.1	119.2	1606	165.1	2.1	-0.5	846.3	66.1	25.4	19.0	13.0	13.0	-37.6
19:10:00	23 15.9	-87 4.6	-97.6	-68.6	119.3	1619	18.2	-2.8	-13.5	66.7	72.6	-0.0	-5.8	50.0	50.0	57.6
19:10:00	23 15.9	-87 4.6	306.9	336.4	1493	1624	26.8	-1.6	-0.2	66.1	69.6	-0.5	200.0	103.1	8.1	113.4
19:10:30	23 15.5	-87 4.6	-97.7	-67.1	118.5	1615	232.4	2.1	-0.2	842.6	65.9	25.7	19.5	10.7	10.7	-23.8
19:10:30	23 14.2	-87 5.8	-97.5	-68.1	119.0	1604	165.0	2.2	-0.3	846.3	65.9	25.4	19.1	12.8	12.8	28.0
19:10:30	23 14.8	-87 6.3	-97.3	-68.6	119.1	1619	18.2	-2.5	-13.4	66.4	72.3	-0.0	-5.8	50.0	50.0	56.8
19:10:30	23 14.8	-87 6.3	307.0	336.2	1492	1622	26.7	-2.0	-0.3	65.8	69.3	-0.5	199.6	102.4	8.1	113.1
19:11:00	23 14.4	-87 6.3	-97.9	-67.8	119.1	1616	232.4	1.7	-0.4	842.4	66.0	25.3	19.1	11.2	11.2	-23.3
19:11:00	23 13.1	-87 7.5	-97.6	-68.9	119.5	1606	165.1	1.8	-0.5	846.1	66.0	24.9	18.6	13.3	13.3	24.2
19:11:00	23 13.7	-87 8.0	-97.4	-69.3	119.6	1621	17.9	-2.9	-13.6	66.5	72.4	-0.0	-5.8	50.0	50.0	60.6
19:11:00	23 13.7	-87 8.0	306.5	336.7	1495	1625	26.8	-2.0	-0.3	66.0	69.5	-0.5	199.9	97.2	8.1	113.2

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:11:30	23 13.3	-87 8.1	-98.8	-68.2	120.1	1616	232.1	1.8	-0.2	842.4	67.4	25.4	19.1	11.3	11.3	-24.3
19:11:30	23 12.0	-87 9.2	-98.5	-69.3	120.4	1605	164.9	1.9	-0.3	846.3	67.4	25.0	18.6	13.5	13.5	19.7
19:11:30	23 12.5	-87 9.8	-98.3	-69.8	120.6	1619	17.8	-4.5	-13.4	67.9	73.8	-0.0	-5.9	50.0	50.0	61.2
19:11:30	23 12.5	-87 9.7	306.5	336.9	1493	1623	26.7	-2.2	-0.4	67.3	70.9	-0.5	201.8	102.0	8.7	114.3
19:12:00	23 12.2	-87 9.8	-98.8	-67.5	119.7	1616	232.4	1.9	-0.4	842.4	67.2	25.5	19.2	11.3	11.3	-23.6
19:12:00	23 10.9	-87 10.9	-98.4	-68.6	120.0	1606	165.1	2.0	-0.6	846.2	67.2	25.2	18.8	13.4	13.4	17.2
19:12:00	23 11.4	-87 11.5	-98.2	-69.1	120.1	1617	17.9	-3.9	-13.5	67.8	73.7	-0.0	-5.9	50.0	50.0	60.2
19:12:00	23 11.4	-87 11.5	306.7	337.0	1494	1624	26.3	-1.8	-0.3	67.2	70.7	-0.5	201.6	103.4	8.4	114.2
19:12:30	23 11.1	-87 11.5	-99.0	-67.6	119.9	1616	232.3	1.7	-0.4	842.3	67.8	25.5	19.2	11.6	11.6	-23.4
19:12:30	23 9.8	-87 12.7	-98.5	-68.9	120.2	1606	165.0	1.8	-0.5	846.2	67.8	25.2	18.7	13.8	13.8	15.6
19:12:30	23 10.3	-87 13.2	-98.4	-69.3	120.3	1616	17.9	-4.5	-13.4	68.3	74.3	-0.0	-5.9	50.0	50.0	61.8
19:12:30	23 10.3	-87 13.2	306.6	337.6	1494	1624	26.7	-1.8	-0.3	67.7	71.4	-0.5	202.5	105.1	8.3	114.7
19:13:00	23 10.1	-87 13.3	-98.9	-67.0	119.4	1615	232.3	2.0	-0.2	842.4	67.6	25.8	19.5	11.0	11.0	-23.8
19:13:00	23 8.6	-87 14.4	-98.3	-68.2	119.6	1603	165.0	2.2	-0.3	846.3	67.6	25.5	19.1	13.1	13.1	14.5
19:13:00	23 9.1	-87 14.9	-98.1	-68.7	119.8	1612	18.3	-4.2	-13.6	68.2	74.1	-0.0	-5.9	50.0	50.0	58.1
19:13:00	23 9.2	-87 14.9	306.9	336.8	1493	1622	26.5	-1.7	-0.2	67.5	71.1	-0.5	202.1	109.2	8.5	114.6
19:13:30	23 9.0	-87 15.0	-98.6	-67.0	119.2	1617	232.4	1.7	-0.3	842.3	66.7	25.4	19.2	11.3	11.3	-23.9
19:13:30	23 7.5	-87 16.1	-97.9	-68.3	119.4	1606	165.2	1.8	-0.4	846.1	66.7	25.1	18.7	13.3	13.3	13.4
19:13:30	23 8.0	-87 16.7	-97.8	-68.7	119.5	1614	17.7	-3.1	-13.6	67.2	73.2	-0.0	-5.9	50.0	50.0	60.8
19:13:30	23 8.0	-87 16.6	306.6	337.1	1495	1625	26.4	-3.5	-0.8	66.7	70.2	-0.5	200.9	106.0	8.7	113.8
19:14:00	23 7.9	-87 16.7	-99.7	-67.4	120.3	1615	232.3	1.7	-0.3	842.4	68.0	25.3	19.0	11.7	11.7	-24.1
19:14:00	23 6.4	-87 17.9	-98.9	-68.8	120.5	1604	165.0	1.8	-0.4	846.3	68.0	25.0	18.5	13.8	13.8	11.6
19:14:00	23 6.9	-87 18.4	-98.8	-69.2	120.6	1613	17.6	-4.7	-13.5	68.5	74.6	-0.0	-6.0	50.0	50.0	63.0
19:14:00	23 6.9	-87 18.4	306.4	337.6	1493	1623	26.6	-2.3	-0.4	67.9	71.6	-0.5	202.7	106.6	9.1	114.8
19:14:30	23 6.8	-87 18.5	-99.8	-67.6	120.6	1614	232.5	1.8	-0.5	842.4	68.4	25.1	18.7	12.2	12.2	-23.8
19:14:30	23 5.3	-87 19.6	-98.9	-69.0	120.6	1603	165.2	1.9	-0.6	846.3	68.4	24.8	18.3	14.1	14.1	27.6
19:14:30	23 5.8	-87 20.1	-98.9	-69.3	120.8	1612	17.5	-5.1	-13.6	69.0	75.0	-0.0	-6.0	50.0	50.0	66.2
19:14:30	23 5.8	-87 20.1	306.1	338.3	1492	1623	26.6	-1.7	-0.2	68.3	72.0	-0.5	203.3	104.3	8.5	115.1
19:15:00	23 5.7	-87 20.3	-101.5	-65.4	120.7	1616	233.7	1.6	0.0	842.2	68.8	25.1	18.7	12.3	12.3	-24.1
19:15:00	23 4.2	-87 21.3	-100.5	-66.8	120.7	1604	166.4	1.7	-0.1	846.2	68.8	24.8	18.3	14.4	14.4	18.4
19:15:00	23 4.7	-87 21.9	-100.5	-67.2	120.8	1616	17.6	-5.8	-14.1	69.4	75.5	-0.0	-6.0	50.0	50.0	66.7
19:15:00	23 4.7	-87 21.8	306.1	338.5	1494	1625	26.6	-2.2	-0.4	68.8	72.5	-0.5	204.0	108.2	8.7	115.5
19:15:30	23 4.6	-87 22.0	-101.4	-64.8	120.4	1612	233.7*	1.5	-0.6*	842.3	70.9	24.9	18.3	11.4	11.4	-23.7
19:15:30	23 3.1	-87 23.1	-100.4	-66.2	120.3	1602	166.5*	1.7	-0.7*	846.4	70.9	24.6	17.9	13.8	13.8	18.6
19:15:30	23 3.6	-87 23.6	-100.2	-66.7	120.4	1612	17.0	-6.3	-15.6	71.3	77.6	-0.0	-6.2	50.0	50.0	64.8
19:15:30	23 3.6	-87 23.6	305.6	336.2	1492	1622	18.0	-6.4	-2.5	70.7	74.7	-0.3	206.9	123.2	8.8	117.0
19:16:00	23 3.6	-87 23.8	-101.3	-65.0	120.3	1612	233.9	1.8	-0.3	842.3	67.9	25.2	18.9	11.4	11.4	-23.6
19:16:00	23 2.0	-87 24.9	-100.2	-66.5	120.2	1604	166.6	1.9	-0.4	846.2	67.9	25.0	18.5	14.2	14.2	18.9
19:16:00	23 2.5	-87 25.4	-100.1	-66.9	120.4	1614	17.6	-5.0	-15.0	68.5	74.5	-0.0	-6.0	50.0	50.0	62.1
19:16:00	23 2.5	-87 25.4	306.3	336.9	1494	1623	26.8	-1.4	-0.2	67.8	71.5	-0.5	202.6	105.0	8.6	114.7

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:16:30	23 2.5	-87 25.6	-101.6	-64.5	120.3	1616	234.1	1.7	-0.4	842.3	67.7	24.9	18.6	12.6	12.6	-23.7
19:16:30	23 1.0	-87 26.6	-100.4	-66.0	120.2	1607	166.8	1.8	-0.6	846.2	67.7	24.6	18.1	14.6	14.6	18.5
19:16:30	23 1.5	-87 27.0	-100.3	-66.3	120.3	1615	17.3	-4.6	-15.0	68.2	74.3	-0.0	-5.9	50.0	50.0	68.9
00:00:00	23 1.4	-87 27.1	306.0	339.1	1494	1623	26.7	-2.6	-0.5	67.6	71.3	-0.5	202.3	105.8	9.0	114.5
19:17:00	23 1.5	-87 27.4	-101.8	-64.4	120.5	1615	234.1	1.7	-0.2	842.4	68.3	24.8	18.5	12.6	12.6	-23.2
19:17:00	22 59.9	-87 28.4	-100.5	-66.0	120.2	1603	166.8	1.9	-0.3	846.3	68.3	24.5

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:21:30	23 10.2	-87 28.4	53.9	99.2	112.9	1616	32.4	1.7	0.4	842.2	66.7	25.0	18.8	11.6	11.6	17.8
19:21:30	23 8.4	-87 29.1	55.7	97.4	112.2	1605	325.2	1.8	0.3	846.1	66.7	24.7	18.3	13.8	13.8	19.0
19:21:30	23 8.8	-87 29.7	55.7	97.5	112.3	1608	17.5	-4.2	-13.0	67.3	73.2	-0.0	-5.9	50.0	50.0	63.6
19:21:30	23 8.8	-87 29.7	306.2	337.3	1495	1623	26.6	-1.3	-0.1	66.7	70.2	-0.5	200.8	114.6	8.3	113.7
19:22:00	23 11.8	-87 27.4	55.2	99.3	113.6	1615	33.0	1.7	-0.3	842.3	68.0	25.3	19.0	10.8	10.8	17.2
19:22:00	23 10.0	-87 28.2	57.0	97.4	112.9	1605	325.8	1.8	-0.4	846.2	68.0	25.0	18.5	13.0	13.0	19.6
19:22:00	23 10.4	-87 28.7	57.1	97.6	113.0	1606	17.8	-5.3	-13.6	68.5	74.5	-0.0	-6.0	50.0	50.0	59.2
19:22:00	23 10.3	-87 28.8	306.4	335.7	1494	1622	26.7	-2.1	-0.4	67.9	71.6	-0.5	202.7	112.9	8.3	114.8
19:22:30	23 13.4	-87 26.4	55.3	99.7	114.0	1616	32.9	1.7	-0.3	842.2	68.1	25.5	19.1	10.2	10.2	17.1
19:22:30	23 11.5	-87 27.1	57.2	97.8	113.3	1606	325.7	1.8	-0.4	846.2	68.1	25.2	18.7	12.2	12.2	20.0
19:22:30	23 12.0	-87 27.7	57.2	98.0	113.5	1606	17.8	-5.5	-13.6	68.6	74.6	-0.0	-6.0	50.0	50.0	56.7
19:22:30	23 12.0	-87 27.7	306.5	334.9	1494	1623	26.7	-2.4	-0.5	68.0	71.6	-0.5	202.8	114.8	8.1	114.9
19:23:00	23 15.0	-87 25.5	57.1	99.2	114.5	1617	34.2	1.5	-0.3	842.0	68.4	25.8	19.4	9.6	9.6	17.4
19:23:00	23 13.1	-87 26.1	59.1	97.3	113.9	1606	327.0	1.6	-0.4	846.0	68.4	25.5	18.9	11.6	11.6	20.2
19:23:00	23 13.5	-87 26.7	59.1	97.5	114.0	1607	18.0	-5.4	-13.8	69.0	75.0	-0.0	-6.0	50.0	50.0	53.4
19:23:00	23 13.5	-87 26.7	306.8	334.1	1495	1625	26.7	-2.2	-0.4	68.4	72.0	-0.5	203.4	117.2	8.9	115.2
19:23:30	23 16.7	-87 24.5	57.0	99.1	114.4	1615	34.2	1.8	-0.4	842.3	68.9	25.9	19.5	9.9	9.9	13.3
19:23:30	23 14.7	-87 25.1	59.1	97.3	113.8	1606	327.0	1.9	-0.5	846.3	68.9	25.6	19.0	12.0	12.0	20.2
19:23:30	23 15.1	-87 25.6	59.0	97.5	114.0	1603	18.1	-6.2	-13.9	69.5	75.5	-0.0	-6.0	50.0	50.0	54.2
19:23:30	23 15.1	-87 25.6	306.9	334.7	1493	1622	26.8	-1.0	-0.1	68.8	72.6	-0.5	204.1	114.6	9.3	115.6
19:24:00	23 18.3	-87 23.5	56.7	98.6	113.7	1618	34.3	1.6	-0.5	842.1	68.2	25.5	19.2	11.3	11.3	17.0
19:24:00	23 16.3	-87 24.1	58.8	96.6	113.1	1606	327.0	1.8	-0.6	846.1	68.2	25.2	18.7	13.3	13.3	20.3
19:24:00	23 16.7	-87 24.6	58.8	96.9	113.3	1603	17.9	-5.7	-14.2	68.8	74.8	-0.0	-6.0	50.0	50.0	60.6
19:24:00	23 16.7	-87 24.6	306.6	337.0	1495	1624	26.9	-1.7	-0.3	68.1	71.8	-0.5	203.0	114.0	9.1	115.0
19:24:30	23 19.9	-87 22.5	56.4	98.5	113.5	1615	34.3	1.7	-0.5	842.3	67.9	25.6	19.2	11.7	11.7	14.1
19:24:30	23 17.8	-87 23.0	58.5	96.6	113.0	1606	327.1	1.9	-0.6	846.2	67.9	25.3	18.8	13.7	13.7	20.3
19:24:30	23 18.3	-87 23.6	58.5	96.9	113.2	1602	18.0	-5.2	-14.0	68.5	74.4	-0.0	-5.9	50.0	50.0	62.0
19:24:30	23 18.3	-87 23.6	306.7	337.9	1494	1623	26.7	-1.8	-0.3	67.8	71.4	-0.5	202.6	114.6	9.4	114.8
19:25:00	23 21.5	-87 21.5	56.3	98.0	113.0	1615	34.1	1.7	-0.2	842.3	68.1	25.3	19.0	11.4	11.4	-16.3
19:25:00	23 19.4	-87 22.0	58.5	96.0	112.4	1606	326.9	1.8	-0.2	846.3	68.1	25.0	18.5	13.3	13.3	-37.6
19:25:00	23 19.9	-87 22.5	58.4	96.4	112.7	1602	17.9	-5.6	-13.9	68.7	74.7	-0.0	-6.0	50.0	50.0	62.1
19:25:00	23 19.9	-87 22.5	306.4	337.0	1493	1622	26.6	-1.4	-0.2	68.0	71.7	-0.5	202.9	110.0	9.0	114.9
19:25:30	23 23.0	-87 20.5	56.4	97.3	112.4	1615	34.1	1.8	-0.3	842.4	67.2	25.1	18.9	11.4	11.4	-37.3
19:25:30	23 21.0	-87 21.0	58.6	95.3	111.9	1604	326.9	1.9	-0.5	846.3	67.2	24.8	18.4	13.4	13.4	-37.6
19:25:30	23 21.4	-87 21.5	58.6	95.7	112.2	1603	17.7	-4.3	-13.9	67.8	73.7	-0.0	-5.9	50.0	50.0	62.3
19:25:30	23 21.3	-87 21.6	306.2	336.9	1493	1622	26.7	-0.9	0.0	67.1	70.7	-0.5	201.5	111.3	8.6	114.1
19:26:00	23 24.6	-87 19.5	56.3	97.5	112.6	1618	34.3	1.7	-0.5	842.3	67.2	25.3	19.0	11.3	11.3	-36.1
19:26:00	23 22.5	-87 19.9	58.5	95.6	112.1	1605	327.1	1.8	-0.6	846.2	67.2	25.0	18.6	13.2	13.2	-37.6
19:26:00	23 23.0	-87 20.5	58.4	95.9	112.3	1604	17.8	-4.7	-14.0	67.8	73.7	-0.0	-5.9	50.0	50.0	61.3
19:26:00	23 23.0	-87 20.5	306.5	336.9	1494	1623	26.8	-1.1	-0.1	67.1	70.8	-0.5	201.6	112.5	9.2	114.2

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:26:30	23 26.2	-87 18.5	56.2	97.7	112.7	1619	34.1	1.6	-0.3	842.2	67.8	25.6	19.2	10.3	10.3	-30.6
19:26:30	23 24.1	-87 18.9	58.5	95.8	112.2	1608	326.9	1.8	-0.4	846.2	67.8	25.3	18.8	12.3	12.3	-37.6
19:26:30	23 24.5	-87 19.4	58.4	96.2	112.5	1608	17.9	-5.3	-13.8	68.5	74.4	-0.0	-5.9	50.0	50.0	56.5
19:26:30	23 24.4	-87 19.5	306.7	335.2	1494	1624	27.0	-1.3	-0.1	67.7	71.4	-0.5	202.5	109.4	8.9	114.7
19:27:00	23 27.8	-87 17.5	56.3	97.5	112.6	1616	34.2	1.8	-0.5	842.4	67.6	25.5	19.2	10.6	10.6	-28.1
19:27:00	23 25.6	-87 17.9	58.6	95.5	112.1	1605	327.0	1.9	-0.6	846.3	67.6	25.2	18.7	12.7	12.7	22.7
19:27:00	23 26.1	-87 18.4	58.5	96.0	112.4	1608	18.0	-5.1	-13.8	68.2	74.1	-0.0	-5.9	50.0	50.0	57.9
19:27:00	23 26.1	-87 18.4	306.6	335.7	1493	1622	26.9	-1.7	-0.3	67.5	71.1	-0.5	202.1	110.1	8.8	114.5
19:27:30	23 29.4	-87 16.5	55.9	97.0	112.0	1615	34.4	2.0	-0.5	842.6	66.8	25.5	19.2	9.3	9.3	-36.7
19:27:30	23 27.2	-87 16.8	58.2	95.1	111.5	1603	327.1	2.1	-0.5	846.4	66.8	25.2	18.8	11.3	11.3	19.6
19:27:30	23 27.6	-87 17.4	58.1	95.5	111.8	1609	17.9	-3.9	-13.6	67.4	73.3	-0.0	-5.9	50.0	50.0	52.7
19:27:30	23 27.6	-87 17.4	306.6	333.3	1491	1621	26.8	-2.2	-0.4	66.8	70.3	-0.5	201.0	110.6	9.1	113.9
19:28:00	23 30.9	-87 15.5	55.5	96.9	111.7	1616	34.3	1.8	-0.5	842.5	66.0	25.6	19.4	9.0	9.0	-36.5
19:28:00	23 28.7	-87 15.8	57.9	94.9	111.2	1605	327.1	2.0	-0.6	846.3	66.0	25.3	18.9	11.0	11.0	19.8
19:28:00	23 29.2	-87 16.4	57.7	95.4	111.5	1613	18.0	-3.7	-13.6	66.4	72.4	-0.0	-5.8	50.0	50.0	51.1
19:28:00	23 29.2	-87 16.4	306.8	333.0	1493	1622	26.9	-3.2	-0.7	65.9	69.4	-0.5	199.8	112.7	9.0	113.2
19:28:30	23 32.5	-87 14.6	55.6	97.1	111.9	1616	34.1	1.8	-0.4	842.4	66.3	25.7	19.5	8.6	8.6	-34.6
19:28:30	23 30.3	-87 14.8	58.0	95.1	111.4	1606	327.0	1.9	-0.4	846.2	66.3	25.4	19.0	10.7	10.7	19.8
19:28:30	23 30.7	-87 15.4	57.8	95.6	111.7	1614	18.3	-3.8	-13.4	66.9	72.8	-0.0	-5.8	50.0	50.0	49.5
19:28:30	23 30.7	-87 15.4	306.9	332.4	1494	1623	26.8	-1.6	-0.2	66.3	69.8	-0.5	200.3	112.0	9.0	113.5
19:29:00	23 34.1	-87 13.6	55.5	96.9	111.7	1615	34.3	2.0	-0.5	842.4	66.0	25.6	19.4	8.3	8.3	-32.8
19:29:00	23 31.8	-87 13.8	57.8	94.9	111.2	1606	327.1	2.1	-0.6	846.3	66.0	25.3	19.0	10.4	10.4	19.9
19:29:00	23 32.3	-87 14.3	57.7	95.5	111.6	1612	18.1	-3.7	-13.5	66.5	72.4	-0.0	-5.8	50.0	50.0	48.8
19:29:00	23 32.3	-87 14.3	306.8	331.9	1493	1623	26.8	-2.5	-0.5	66.0	69.4	-0.5	199.8	112.6	9.2	113.2
19:29:30	23 35.7	-87 12.7	47.1	102.4	112.7	1617	29.2	1.8	-0.8	842.4	65.9	25.4	19.2	7.6	7.6	-34.4
19:29:30	23 33.4	-87 12.8	49.4	100.4	111.9	1608	321.9	1.9	-0.9	846.2	65.9	25.1	18.8	10.4	10.4	19.8
19:29:30	23 33.9	-87 13.4	49.3	101.0	112.4	1615	17.9	-3.9	-13.6	66.4	72.3	-0.0	-5.8	50.0	50.0	47.1
19:29:30	23 33.9	-87 13.4	306.6	330.5	1494	1625	27.1	-2.2	-0.4	65.8	69.3	-0.5	199.6	114.9	9.1	113.1
19:30:00	23 37.4	-87 11.9	46.7	103.2	113.3	1619	28.8	1.6	-0.4	842.2	66.9	25.8	19.6	7.0	7.0	-26.8
19:30:00	23 35.0	-87 12.0	49.0	101.3	112.5	1609	321.5	1.7	-0.5	846.1	66.9	25.5	19.1	8.9	8.9	19.8
19:30:00	23 35.5	-87 12.5	48.8	101.9	113.0	1614	18.1	-4.4	-13.3	67.4	73.3	-0.0	-5.9	50.0	50.0	44.1
19:30:00	23 35.5	-87 12.5	307.0	330.0	1495	1625	27.1	-2.4	-0.4	66.8	70.4	-0.5	201.1	112.6	9.1	113.9
19:30:30	23 39.1	-87 11.0	46.9	103.9	113.9	1615	28.8	1.8	-0.6	842.6	66.6	26.1	19.8	6.1	6.1	-24.0
19:30:30	23 36.7	-87 11.1	49.2	101.9	113.2	1605	321.6	2.0	-0.6	846.3	66.6	25.7	19.3	8.1	8.1	19.8
19:30:30	23 37.2	-87 11.7	49.0	102.5	113.6	1610	18.6	-3.8	-13.1	67.2	73.1	-0.0	-5.8	50.0	50.0	40.8
19:30:30	23 37.2	-87 11.7	307.2	328.9	1493	1622	27.3	-1.7	-0.2	66.6	70.1	-0.5	200.7	117.9	9.4	113.8
19:31:00	23 40.7	-87 10.2	46.4	103.8	113.7	1617	28.8	1.8	-0.3	842.4	66.7	25.9	19.6	7.7	7.7	-24.1
19:31:00	23 38.3	-87 10.3	48.8	101.9	113.0	1605	321.6	1.9	-0.4	846.3	66.7	25.6	19.2	8.7	8.7	19.8
19:31:00	23 38.9	-87 10.8	48.5	102.6	113.5	1613	18.4	-4.5	-13.4	67.3	73.2	-0.0	-5.9	50.0	50.0	46.1
19:31:00	23 38.9	-87 10.8	307.1	331.2	1493	1622	27.4	-2.1	-0.3	66.7	70.2	-0.5	200.9	116.0	9.6	113.8

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:31:30	23 42.4	-87 9.4	46.2	103.7	113.6	1616	28.7	1.9	-0.5	842.5	66.3	25.3	19.1	8.3	8.3	-24.7
19:31:30	23 40.0	-87 9.4	48.6	101.8	112.8	1606	321.5	2.0	-0.6	846.3	66.3	25.0	18.7	10.5	10.5	-37.6
19:31:30	23 40.5	-87 10.0	48.4	102.5	113.3	1612	17.9	-4.5	-13.6	66.9	72.7	-0.0	-5.8	50.0	50.0	49.6
19:31:30	23 40.5	-87 10.0	306.5	331.5	1493	1622	27.3	-0.9	0.0	66.2	69.8	-0.5	200.2	117.9	9.8	113.4
19:32:00	23 44.1	-87 8.6	46.0	103.0	112.8	1620	28.8	1.8	-0.3	842.2	66.2	25.5	19.3	8.0	8.0	-23.8
19:32:00	23 41.6	-87 8.5	48.3	101.1	112.0	1609	321.5	2.0	-0.4	846.1	66.2	25.2	18.8	10.2	10.2	-37.6
19:32:00	23 42.2	-87 9.1	48.1	101.8	112.6	1614	18.1	-4.2	-13.7	66.8	72.6	-0.0	-5.8	50.0	50.0	48.1
19:32:00	23 42.2	-87 9.1	306.7	331.2	1495	1625	27.2	-2.2	-0.4	66.1	69.7	-0.5	200.1	113.5	9.6	113.3
19:32:30	23 45.8	-87 7.8	46.2	103.7	113.5	1618	28.6	1.7	-0.4	842.4	66.2	25.8	19.6	6.5	6.5	-23.8
19:32:30	23 43.3	-87 7.7	48.5	101.7	112.7	1608	321.5	1.9	-0.4	846.2	66.2	25.5	19.1	8.7	8.7	28.2
19:32:30	23 43.8	-87 8.3	48.2	102.5	113.3	1612	18.3	-4.2	-13.5	66.8	72.6	-0.0	-5.8	50.0	50.0	42.7
19:32:30	23 43.8	-87 8.3	307.0	329.2	1494	1624	27.3	-1.7	-0.2	66.1	69.7	-0.5	200.1	117.4	9.5	113.3
19:33:00	23 47.5	-87 7.0	46.2	103.6	113.5	1617	28.7	1.8	-0.3	842.4	66.5	25.7	19.5	7.4	7.4	-23.4
19:33:00	23 45.0	-87 6.8	48.5	101.8	112.7	1608	321.4	1.9	-0.4	846.2	66.5	25.4	19.0	9.6	9.6	25.8
19:33:00	23 45.5	-87 7.4	48.2	102.6	113.3	1611	18.3	-4.6	-13.5	67.1	73.0	-0.0	-5.8	50.0	50.0	45.4
19:33:00	23 45.5	-87 7.4	306.9	330.4	1494	1624	27.2	-1.4	-0.1	66.5	70.0	-0.5	200.6	115.6	9.6	113.6
19:33:30	23 49.2	-87 6.2	45.8	103.6	113.3	1617	28.8	1.9	-0.3	842.6	66.4	25.8	19.6	6.8	6.8	-24.2
19:33:30	23 46.6	-87 6.0	48.2	101.7	112.6	1607	321.5	2.0	-0.4	846.3	66.4	25.5	19.1	8.7	8.7	21.1
19:33:30	23 47.2	-87 6.6	47.8	102.6	113.2	1609	18.4	-4.4	-13.4	66.9	72.8	-0.0	-5.8	50.0	50.0	43.3
19:33:30	23 47.2	-87 6.6	307.0	329.6	1493	1623	27.0	-2.7	-0.5	66.3	69.8	-0.5	200.4	115.4	9.9	113.5
19:34:00	23 50.8	-87 5.3	45.4	103.6	113.1	1618	28.9	1.9	-0.5	842.6	66.4	26.2	20.0	4.3	4.3	-24.1
19:34:00	23 48.3	-87 5.1	47.8	101.7	112.4	1608	321.7	2.1	-0.6	846.3	66.4	25.9	19.5	7.3	7.3	18.2
19:34:00	23 48.8	-87 5.7	47.4	102.6	113.0	1609	18.7	-4.0	-13.2	66.9	72.8	-0.0	-5.8	50.0	50.0	35.6
19:34:00	23 48.8	-87 5.7	307.4	326.6	1493	1623	27.0	-2.9	-0.6	66.3	69.7	-0.5	200.4	114.2	10.5	113.6
19:34:30	23 52.5	-87 4.6	45.4	103.1	112.6	1621	28.4	1.7	0.1	842.3	66.7	25.6	19.3	9.0	9.0	-23.2
19:34:30	23 49.9	-87 4.3	47.7	101.2	111.9	1609	321.3	1.9	0.0	846.2	66.7	25.3	18.9	11.7	11.7	16.4
19:34:30	23 50.5	-87 4.9	47.3	102.1	112.5	1612	18.1	-4.6	-13.5	67.3	73.2	-0.0	-5.9	50.0	50.0	51.2
19:34:30	23 50.5	-87 4.9	306.8	332.9	1494	1625	27.1	-0.9	0.0	66.7	70.3	-0.5	200.9	109.5	9.8	113.8
19:35:00	23 54.2	-87 3.7	46.2	103.1	113.0	1618	28.7	1.8	-0.3	842.5	66.3	26.1	19.9	5.3	5.3	-23.6
19:35:00	23 51.6	-87 3.4	48.5	101.3	112.3	1607	321.5	1.9	-0.4	846.3	66.3	25.8	19.4	7.6	7.6	14.7
19:35:00	23 52.2	-87 4.1	48.0	102.2	112.9	1612	18.6	-4.6	-13.6	66.9	72.8	-0.0	-5.8	50.0	50.0	38.3
19:35:00	23 52.2	-87 4.1	307.3	327.7	1493	1623	26.9	-2.4	-0.5	66.3	69.8	-0.5	200.3	113.3	9.3	113.5
19:35:30	23 55.9	-87 2.9	45.5	103.1	112.7	1620	29.0	1.7	-0.6	842.3	66.2	25.5	19.3	8.7	8.7	-23.6
19:35:30	23 53.2	-87 2.6	47.8	101.3	112.0	1611	321.8	1.8	-0.7	846.2	66.2	25.2	18.9	11.0	11.0	12.8
19:35:30	23 53.8	-87 3.2	47.4	102.2	112.6	1614	18.0	-4.9	-13.8	66.8	72.6	-0.0	-5.8	50.0	50.0	50.5
19:35:30	23 53.8	-87 3.2	306.7	332.4	1494	1625	27.0	-1.6	-0.2	66.1	69.7	-0.5	200.1	112.9	10.6	113.3
19:36:00	23 57.5	-87 2.1	45.9	103.7	113.4	1622	28.7	1.5	-0.5	842.1	66.7	25.6	19.4	8.4	8.4	-23.3
19:36:00	23 54.8	-87 1.7	48.2	101.9	112.7	1612	321.5	1.6	-0.6	846.0	66.7	25.3	18.9	11.8	11.8	10.7
19:36:00	23 55.5	-87 2.4	47.7	102.8	113.3	1618	18.2	-4.8	-13.6	67.4	73.2	-0.0	-5.9	50.0	50.0	49.3
19:36:00	23 55.5	-87 2.4	306.8	332.1	1496	1626	27.0	-1.1	-0.1	66.7	70.3	-0.5	200.9	114.1	10.1	113.8

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:36:30	23 59.2	-87 1.3	46.6	103.7	113.7	1620	28.7	1.7	-0.5	842.4	66.5	25.8	19.6	7.4	7.4	-23.5
19:36:30	23 56.5	-87 0.9	48.8	101.9	113.0	1610	321.5	1.8	-0.6	846.2	66.5	25.5	19.1	10.1	10.1	-37.6
19:36:30	23 57.2	-87 1.5	48.4	102.9	113.7	1618	18.2	-4.6	-13.7	67.1	73.0	-0.0	-5.8	50.0	50.0	45.3
19:36:30	23 57.2	-87 1.5	307.0	330.5	1494	1624	27.0	-1.3	-0.2	66.5	70.1	-0.5	200.6	117.0	9.4	113.6
19:37:00	24 0.9	-87 0.5	47.3	103.9	114.2	1621	28.7	1.7	-0.2	842.4	67.0	26.0	19.7	4.8	4.8	-23.5
19:37:00	23 58.2	-87 0.0	49.5	102.2	113.5	1610	321.5	1.8	-0.3	846.3	67.0	25.7

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:41:30	24 16.0	-86 52.9	47.5	103.9	114.2	1621	28.8	1.8	-0.6	842.4	67.5	25.8	19.4	5.2	5.2	7.5
19:41:30	24 13.1	-86 52.2	49.2	102.5	113.7	1611	321.6	1.9	-0.7	846.3	67.5	25.5	19.0	7.9	7.9	-37.6
19:41:30	24 13.9	-86 52.9	48.7	103.6	114.5	1617	18.2	-5.4	-15.1	68.2	74.0	-0.0	-5.9	50.0	50.0	39.1
19:41:30	24 13.9	-86 52.9	306.9	327.2	1492	1624	27.4	-1.1	-0.1	67.4	71.2	-0.5	202.0	115.7	9.0	114.4
19:42:00	24 17.7	-86 52.1	47.6	104.0	114.4	1622	28.8	1.7	-0.4	842.4	67.1	25.9	19.6	4.6	4.6	11.4
19:42:00	24 14.7	-86 51.3	49.2	102.7	113.9	1612	321.5	1.8	-0.5	846.2	67.1	25.6	19.2	7.0	7.0	-37.6
19:42:00	24 15.6	-86 52.0	48.7	103.8	114.7	1615	18.3	-4.9	-15.0	67.7	73.6	-0.0	-5.9	50.0	50.0	37.2
19:42:00	24 15.6	-86 52.0	307.1	326.6	1494	1626	27.6	-2.2	-0.4	67.0	70.7	-0.5	201.4	118.8	8.6	114.1
19:42:30	24 19.4	-86 51.3	47.5	104.1	114.4	1625	28.7	1.6	-0.4	842.2	67.3	26.1	19.8	4.8	4.8	10.3
19:42:30	24 16.4	-86 50.4	49.1	102.7	113.9	1613	321.6	1.7	-0.4	846.1	67.4	25.8	19.3	5.9	5.9	-37.6
19:42:30	24 17.3	-86 51.2	48.6	103.9	114.7	1616	18.6	-5.2	-14.9	68.0	73.9	-0.0	-5.9	50.0	50.0	37.3
19:42:30	24 17.3	-86 51.2	307.3	327.1	1495	1627	27.6	-1.5	-0.2	67.3	70.9	-0.5	201.8	117.2	8.8	114.3
19:43:00	24 21.1	-86 50.4	47.7	104.2	114.6	1621	28.7	1.8	-0.4	842.6	66.8	25.9	19.6	4.1	4.1	-5.8
19:43:00	24 18.1	-86 49.5	49.2	102.9	114.1	1611	321.4	1.9	-0.5	846.4	66.8	25.6	19.2	6.4	6.4	-37.6
19:43:00	24 19.0	-86 50.3	48.8	104.1	114.9	1612	18.3	-4.8	-14.9	67.4	73.3	-0.0	-5.9	50.0	50.0	35.8
19:43:00	24 19.0	-86 50.3	307.1	326.0	1492	1623	27.6	-1.0	-0.1	66.8	70.4	-0.5	201.0	121.9	8.7	113.8
19:43:30	24 22.8	-86 49.6	47.9	104.0	114.5	1623	28.6	1.7	-0.2	842.3	66.5	25.9	19.6	4.1	4.1	-33.2
19:43:30	24 19.8	-86 48.7	49.4	102.7	114.0	1612	321.3	1.8	-0.3	846.2	66.5	25.6	19.2	6.4	6.4	-37.6
19:43:30	24 20.6	-86 49.5	48.9	103.9	114.8	1615	18.4	-4.6	-14.8	67.1	72.9	-0.0	-5.8	50.0	50.0	35.8
19:43:30	24 20.6	-86 49.5	307.1	326.0	1494	1625	27.5	-0.9	0.0	66.5	70.0	-0.5	200.5	123.1	8.2	113.6
19:44:00	24 24.5	-86 48.7	47.8	104.2	114.6	1623	28.7	1.7	-0.4	842.4	67.0	26.0	19.7	4.4	4.4	-27.9
19:44:00	24 21.4	-86 47.8	49.2	103.0	114.2	1611	321.5	1.9	-0.5	846.2	67.0	25.7	19.2	6.4	6.4	-37.6
19:44:00	24 22.3	-86 48.6	48.8	104.2	115.0	1614	18.4	-4.9	-14.4	67.6	73.5	-0.0	-5.9	50.0	50.0	36.4
19:44:00	24 22.3	-86 48.6	307.1	326.4	1494	1624	27.4	-1.4	-0.1	67.0	70.5	-0.5	201.3	121.1	8.5	114.0
19:44:30	24 26.2	-86 47.9	47.6	104.3	114.6	1625	28.8	1.6	-0.5	842.2	67.5	26.0	19.7	5.0	5.0	-19.8
19:44:30	24 23.1	-86 46.9	49.0	103.1	114.2	1613	321.6	1.7	-0.6	846.1	67.5	25.7	19.2	7.2	7.2	-37.6
19:44:30	24 24.0	-86 47.7	48.5	104.3	115.1	1615	18.3	-6.0	-14.6	68.1	74.0	-0.0	-5.9	50.0	50.0	38.1
19:44:30	24 24.0	-86 47.7	307.2	327.3	1495	1625	27.4	-1.1	-0.1	67.4	71.0	-0.5	201.9	118.4	9.0	114.4
19:45:00	24 27.9	-86 47.0	47.5	104.4	114.7	1620	28.7	1.8	-0.2	842.5	66.8	26.1	19.9	4.4	4.4	-17.6
19:45:00	24 24.8	-86 46.1	48.7	103.4	114.3	1611	321.5	1.9	-0.3	846.3	66.8	25.8	19.4	6.8	6.8	-37.6
19:45:00	24 25.7	-86 46.9	48.3	104.5	115.2	1617	18.6	-4.8	-14.5	67.4	73.3	-0.0	-5.9	50.0	50.0	36.2
19:45:00	24 25.7	-86 46.9	307.3	326.7	1493	1623	27.7	-1.3	-0.1	66.7	70.4	-0.5	201.0	122.1	9.0	113.9
19:45:30	24 29.6	-86 46.2	47.9	104.2	114.7	1623	28.7	1.7	-0.4	842.3	67.2	26.4	20.1	4.8	4.8	-17.9
19:45:30	24 26.5	-86 45.2	49.1	103.2	114.3	1612	321.5	1.8	-0.5	846.2	67.2	26.1	19.6	6.9	6.9	-37.6
19:45:30	24 27.4	-86 46.0	48.7	104.4	115.1	1618	18.7	-5.6	-14.6	67.9	73.7	-0.0	-5.9	50.0	50.0	36.6
19:45:30	24 27.4	-86 46.0	307.5	327.4	1494	1625	27.6	-1.2	-0.1	67.1	70.8	-0.5	201.6	119.6	8.6	114.3
19:46:00	24 31.3	-86 45.3	48.0	104.1	114.6	1622	28.7	1.7	-0.3	842.4	67.1	26.2	19.9	5.1	5.1	-27.6
19:46:00	24 28.1	-86 44.3	49.1	103.1	114.2	1609	321.5	1.8	-0.4	846.3	67.1	25.9	19.5	7.3	7.3	-37.6
19:46:00	24 29.1	-86 45.1	48.7	104.3	115.1	1617	18.6	-5.2	-14.5	67.7	73.5	-0.0	-5.9	50.0	50.0	37.8
19:46:00	24 29.1	-86 45.1	307.4	327.6	1493	1625	27.3	-1.6	-0.2	67.0	70.6	-0.5	201.4	120.4	8.3	114.1

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:46:30	24 33.0	-86 44.5	47.9	104.4	114.9	1622	28.6	1.7	-0.4	842.5	66.5	26.0	19.8	6.5	6.5	-24.6
19:46:30	24 29.8	-86 43.5	48.9	103.5	114.5	1611	321.4	1.8	-0.5	846.3	66.5	25.7	19.3	8.9	8.9	-37.6
19:46:30	24 30.8	-86 44.3	48.5	104.6	115.3	1616	18.5	-4.7	-14.5	67.1	73.0	-0.0	-5.8	50.0	50.0	42.0
19:46:30	24 30.8	-86 44.3	307.2	329.4	1493	1625	27.7	-2.0	-0.3	66.5	70.0	-0.5	200.6	125.2	8.3	113.7
19:47:00	24 34.6	-86 43.6	48.0	104.0	114.6	1621	28.8	2.0	-0.5	842.7	66.6	25.8	19.5	8.2	8.2	-32.6
19:47:00	24 31.5	-86 42.6	48.9	103.2	114.2	1610	321.5	2.1	-0.6	846.5	66.6	25.5	19.1	10.6	10.6	-37.6
19:47:00	24 32.5	-86 43.4	48.6	104.4	115.1	1614	18.2	-4.3	-14.3	67.2	73.1	-0.0	-5.8	50.0	50.0	48.0
19:47:00	24 32.5	-86 43.4	307.0	331.8	1491	1623	27.6	-1.5	-0.2	66.6	70.1	-0.5	200.7	122.8	8.4	113.7
19:47:30	24 36.3	-86 42.8	47.9	103.5	114.0	1624	28.6	1.8	-0.2	842.4	66.1	25.6	19.4	7.6	7.6	-28.1
19:47:30	24 33.2	-86 41.7	48.8	102.6	113.6	1614	321.4	1.9	-0.3	846.2	66.1	25.2	18.9	9.9	9.9	-37.6
19:47:30	24 34.2	-86 42.6	48.4	103.8	114.5	1616	18.1	-4.3	-14.4	66.7	72.5	-0.0	-5.8	50.0	50.0	46.7
19:47:30	24 34.2	-86 42.6	306.8	330.7	1494	1625	27.8	-1.8	-0.2	66.0	69.6	-0.5	199.9	122.6	7.9	113.2
19:48:00	24 38.0	-86 41.9	48.1	103.3	113.9	1623	28.7	2.0	-0.3	842.5	66.2	25.6	19.4	7.3	7.3	-23.8
19:48:00	24 34.8	-86 40.9	48.9	102.5	113.6	1612	321.5	2.1	-0.5	846.3	66.2	25.3	18.9	9.5	9.5	-37.6
19:48:00	24 35.9	-86 41.7	48.5	103.7	114.5	1614	18.2	-3.7	-13.9	66.8	72.6	-0.0	-5.8	50.0	50.0	45.5
19:48:00	24 35.9	-86 41.7	306.8	330.1	1493	1624	27.5	-1.5	-0.1	66.1	69.6	-0.5	200.1	121.6	7.8	113.3
19:48:30	24 39.7	-86 41.1	48.3	102.8	113.6	1623	28.5	2.0	-0.4	842.5	65.9	25.8	19.7	6.2	6.2	-24.0
19:48:30	24 36.5	-86 40.0	49.1	102.1	113.3	1612	321.3	2.1	-0.5	846.3	65.9	25.5	19.2	8.1	8.1	-37.6
19:48:30	24 37.6	-86 40.8	48.7	103.3	114.2	1615	18.3	-4.5	-14.2	66.5	72.3	-0.0	-5.8	50.0	50.0	41.6
19:48:30	24 37.6	-86 40.8	307.1	328.9	1493	1624	27.6	-2.2	-0.4	65.9	69.3	-0.5	199.7	121.3	6.9	113.1
19:49:00	24 41.3	-86 40.2	48.4	102.6	113.5	1621	28.9	2.0	-0.7	842.6	65.6	25.5	19.3	7.9	7.9	-24.2
19:49:00	24 38.2	-86 39.1	49.1	102.0	113.2	1612	321.6	2.1	-0.8	846.3	65.6	25.2	18.9	10.1	10.1	-37.6
19:49:00	24 39.2	-86 40.0	48.7	103.1	114.1	1614	18.1	-3.6	-13.9	66.2	72.0	-0.0	-5.8	50.0	50.0	47.7
19:49:00	24 39.2	-86 40.0	306.8	331.2	1493	1623	27.5	-1.4	-0.1	65.6	69.1	-0.5	199.3	122.0	7.5	112.9
19:49:30	24 43.0	-86 39.4	48.3	102.7	113.5	1624	28.6	1.8	0.1	842.3	65.9	25.7	19.5	7.0	7.0	-23.5
19:49:30	24 39.8	-86 38.2	48.9	102.1	113.2	1613	321.3	1.9	-0.1	846.1	65.9	25.4	19.1	9.2	9.2	-37.6
19:49:30	24 40.9	-86 39.1	48.5	103.3	114.1	1615	18.3	-4.4	-13.9	66.5	72.3	-0.0	-5.8	50.0	50.0	44.2
19:49:30	24 40.9	-86 39.1	307.0	330.0	1495	1626	27.5	-1.8	-0.3	65.9	69.4	-0.5	199.7	119.6	7.1	113.2
19:50:00	24 44.7	-86 38.5	48.2	102.7	113.4	1623	28.9	2.0	-0.5	842.5	66.7	25.5	19.2	7.1	7.1	-23.8
19:50:00	24 41.5	-86 37.4	48.7	102.1	113.1	1609	321.7	2.1	-0.6	846.3	66.7	25.2	18.8	9.7	9.7	29.1
19:50:00	24 42.6	-86 38.2	48.4	103.3	114.1	1620	17.9	-4.7	-13.6	67.2	73.2	-0.0	-5.9	50.0	50.0	45.4
19:50:00	24 42.6	-86 38.2	306.7	329.8	1492	1625	27.6	-2.6	-0.5	66.7	70.2	-0.5	200.9	115.1	7.6	113.7
19:50:30	24 46.3	-86 37.7	48.0	103.1	113.8	1624	28.7	1.7	-0.4	842.4	65.5	25.6	19.5	7.2	7.2	-37.3
19:50:30	24 43.1	-86 36.5	48.5	102.6	113.5	1612	321.5	1.9	-0.5	846.2	65.5	25.3	19.0	9.4	9.4	26.7
19:50:30	24 44.3	-86 37.4	48.1	103.8	114.4	1623	18.2	-4.9	-14.0	66.0	71.8	-0.0	-5.8	50.0	50.0	45.1
19:50:30	24 44.3	-86 37.4	306.9	330.2	1494	1627	27.6	-2.0	-0.4	65.4	68.9	-0.5	199.0	124.8	7.6	112.7
19:51:00	24 48.0	-86 36.8	48.6	102.6	113.5	1624	28.6	1.9	-0.4	842.5	66.0	26.2	20.0	5.9	5.9	-23.9
19:51:00	24 44.8	-86 35.6	48.9	102.1	113.2	1611	321.4	2.0	-0.5	846.3	66.0	25.9	19.6	8.1	8.1	25.8
19:51:00	24 45.9	-86 36.5	48.6	103.3	114.2	1621	18.9	-4.7	-13.8	66.6	72.4	-0.0	-5.8	50.0	50.0	39.6
19:51:00	24 45.9	-86 36.5	307.5	328.8	1493	1626	27.6	-1.8	-0.3	65.9	69.4	-0.5	199.8	119.4	6.8	113.3

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:51:30	24 49.7	-86 35.9	48.4	102.7	113.5	1625	28.7	1.8	-0.4	842.5	64.7	25.8	19.7	7.4	7.4	-23.7
19:51:30	24 46.5	-86 34.8	48.6	102.3	113.3	1613	321.5	1.9	-0.6	846.2	64.7	25.4	19.2	9.5	9.5	23.3
19:51:30	24 47.6	-86 35.7	48.3	103.5	114.2	1622	18.3	-3.8	-14.1	65.3	71.0	-0.0	-5.7	50.0	50.0	44.9
19:51:30	24 47.6	-86 35.7	307.1	330.7	1494	1627	27.6	-0.9	0.0	64.7	68.1	-0.5	197.9	127.9	7.5	112.1
19:52:00	24 51.3	-86 35.1	48.7	102.6	113.6	1625	28.8	1.9	-0.4	842.4	66.0	26.1	19.9	6.1	6.1	-23.5
19:52:00	24 48.1	-86 33.9	48.9	102.3	113.4	1612	321.5	2.0	-0.6	846.2	66.0	25.8	19.4	8.8	8.8	20.9
19:52:00	24 49.3	-86 34.8	48.6	103.5	114.3	1621	18.5	-4.8	-13.9	66.6	72.4	-0.0	-5.8	50.0	50.0	40.5
19:52:00	24 49.3	-86 34.8	307.3	328.9	1494	1627	27.5	-1.7	-0.2	65.9	69.5	-0.5	199.8	120.4	7.1	113.2
19:52:30	24 53.0	-86 34.2	48.7	102.5	113.5	1626	28.6	1.6	-0.3	842.2	66.9	26.1	19.9	2.8	2.8	-24.1
19:52:30	24 49.8	-86 33.0	48.8	102.2	113.3	1614	321.4	1.7	-0.4	846.0	66.9	25.8	19.4	5.2	5.2	19.3
19:52:30	24 51.0	-86 33.9	48.6	103.4	114.2	1623	18.6	-5.8	-13.9	67.6	73.4	-0.0	-5.9	50.0	50.0	32.1
19:52:30	24 51.0	-86 33.9	307.3	324.6	1495	1629	27.3	-0.5	0.1	66.9	70.5	-0.5	201.2	113.2	7.0	114.0
19:53:00	24 54.7	-86 33.3	48.7	102.5	113.5	1625	28.8	1.8	-0.3	842.4	67.3	25.9	19.6	5.0	5.0	-23.7
19:53:00	24 51.4	-86 32.2	48.8	102.3	113.3	1614	321.6	1.9	-0.4	846.3	67.3	25.6	19.1	6.9	6.9	18.3
19:53:00	24 52.7	-86 33.1	48.5	103.5	114.3	1622	18.3	-6.0	-13.9	67.9	73.8	-0.0	-5.9	50.0	50.0	38.3
19:53:00	24 52.7	-86 33.1	307.0	327.1	1493	1628	27.7	-1.1	-0.1	67.2	70.9	-0.5	201.7	111.8	7.3	114.2
19:53:30	24 56.3	-86 32.5	48.3	102.0	112.8	1626	28.9	1.9	-0.3	842.4	66.2	26.2	20.0	3.5	3.5	-24.0
19:53:30	24 53.1	-86 31.3	48.3	101.8	112.7	1615	321.7	2.0	-0.4	846.2	66.2	25.9	19.6	6.8	6.8	17.0
19:53:30	24 54.3	-86 32.2	48.0	103.0	113.7	1626	18.7	-4.9	-14.1	66.8	72.6	-0.0	-5.8	50.0	50.0	33.4
19:53:30	24 54.3	-86 32.2	307.5	325.6	1494	1629	28.0	-2.2	-0.4	66.1	69.7	-0.5	200.1	113.2	7.3	113.4
19:54:00	24 58.0	-86 31.6	48.3	102.1	112.9	1628	28.8	1.5	-0.6	842.2	66.4	26.1	19.9	4.0	4.0	-23.1
19:54:00	24 54.8	-86 30.4	48.2	102.0	112.8	1616	321.6	1.7	-0.7	846.0	66.4	25.8	19.4	6.6	6.6	-37.6
19:54:00	24 56.0	-86 31.4	48.0	103.1	113.7	1629	18.5	-5.3	-14.2	66.9	72.8	-0.0	-5.8	50.0	50.0	35.0
19:54:00	24 56.0	-86 31.4	307.4	326.2	1496	1632	27.9	-1.9	-0.3	66.3	69.8	-0.5	200.3	112.6	7.2	113.5
19:54:30	24 59.6	-86 30.7	49.0	102.7	113.7	1629	28.5	1.4	-0.0	842.0	67.3	25.8	19.5	7.3	7.3	-23.7
19:54:30	24 56.4	-86 29.6	48.7	102.6	113.6	1618	321.3	1.6	-0.1	846.0	67.3	25.5	19.1	9.6	9.6	-37.6
19:54:30	24 57.7	-86 30.5	48.5	103.8	114.5	1630	18.3	-6.7	-14.3	68.0	73.8	-0.0	-5.9	50.0	50.0	45.0
19:54:30	24 57.7	-86 30.5	307.0	330.3	1496	1633	27.8	-0.5	0.1	67.2	70.9	-0.5	201.7	112.6	6.6	114.3
19:55:00	25 1.3	-86 29.9	49.2	102.9	114.0	1627	28.8	1.6	-0.5	842.4	68.2	26.0	19.6	6.4	6.4	-35.5
19:55:00	24 58.1	-86 28.7	48.9	102.9	113.9	1614	321.6	1.7	-0.6	846.3	68.2	25.7	19.1	8.4	8.4	-37.6
19:55:00	24 59.4	-86 29.6	48.7	104.0	114.8	1631	18.3	-6.8	-14.3	68.8	74.7	-0.0	-6.0	50.0	50.0	42.2
19:55:00	24 59.4	-86 29.6	307.0	329.1	1493	1630	27.7	-1.1	-0.1	68.1	71.8	-0.5	203.0	109.7	7.1	115.0
19:55:30	25 3.0	-86 29.0	48.8	102.9	113.9	1627	28.7	1.6	-0.3	842.3	67.4	25.9	19.6	6.4	6.4	-37.3
19:55:30	24 59.8	-86 27.8	48.4	103.0	113.8	1616	321.4	1.7	-0.4	846.2	67.4	25.6	19.2	8.9	8.9	-37.6
19:55:30	25 1.1	-86 28.8	48.2	104.1	114.7	1628	18.4	-5.5	-14.4	68.0	73.9	-0.0	-5.9	50.0	50.0	42.1
19:55:30	25 1.1	-86 28.8	307.1	329.1	1494	1631	27.7	-1.3	-0.1	67.3	70.9	-0.5	201.8	113.9	7.1	114.3
19:56:00	25 4.7	-86 28.1	49.0	103.1	114.2	1626	28.8	1.6	-0.4	842.4	67.4	25.9	19.6	6.2	6.2	27.9
19:56:00	25 1.4	-86 27.0	48.5	103.2	114.0	1614	321.5	1.8	-0.5	846.3	67.4	25.6	19.1	8.3	8.3	-37.6
19:56:00	25 2.8	-86 27.9	48.4	104.3	115.0	1623	18.4	-6.1	-14.3	68.0	73.9	-0.0	-5.9	50.0	50.0	41.8
19:56:00	25 2.8	-86 27.9	307.0	328.8	1493	1630	27.7	-1.5	-0.2	67.3	71.0	-0.5	201.8	116.0	7.1	114.3

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:56:30	25 6.3	-86 27.3	49.0	103.3	114.3	1626	28.7	1.6	-0.5	842.5	66.8	26.0	19.7	7.1	7.1	25.5
19:56:30	25 3.1	-86 26.1	48.4	103.4	114.2	1614	321.5	1.8	-0.5	846.3	66.8	25.7	19.2	9.6	9.6	-37.6
19:56:30	25 4.5	-86 27.0	48.3	104.6	115.2	1622	18.5	-5.4	-14.4	67.4	73.3	-0.0	-5.9	50.0	50.0	44.0
19:56:30	25 4.4	-86 27.0	307.1	330.2	1493	1629	25.1	-1.1	-0.1	66.7	70.4	-0.5	201.0	121.0	7.1	113.9
19:57:00	25 8.0	-86 26.4	49.0	103.3	114.4	1625	28.8	1.8	-0.4	842.6	67.0	25.7	19.4	7.5	7.5	23.6
19:57:00	25 4.8	-86 25.2	48.4	103.5	114.3	1613	321.6	1.9	-0.5	846.4	67.0	25.4

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:01:30	25 23.1	-86 18.4	48.1	104.2	114.8	1627	27.3	1.7	-1.8	842.4	67.9	25.8	19.4	8.4	8.4	10.7
20:01:30	25 19.9	-86 17.4	46.8	104.8	114.8	1615	320.1	1.8	-1.9	846.3	67.9	25.5	19.0	10.6	10.6	-37.6
20:01:30	25 21.4	-86 18.4	46.9	105.7	115.7	1631	18.2	-6.7	-14.2	68.6	74.5	-0.0	-6.0	50.0	50.0	49.0
20:01:30	25 21.4	-86 18.4	306.9	332.0	1493	1629	27.4	-1.1	-0.1	67.8	71.6	-0.5	202.6	116.3	5.6	114.8
20:02:00	25 24.8	-86 17.6	46.1	105.0	114.7	1627	26.5	1.5	-0.6	842.2	67.8	25.6	19.2	9.4	9.4	9.2
20:02:00	25 21.6	-86 16.6	44.8	105.7	114.8	1618	319.2	1.7	-0.7	846.2	67.8	25.3	18.8	11.5	11.5	28.6
20:02:00	25 23.1	-86 17.6	44.8	106.6	115.6	1631	17.9	-6.8	-14.5	68.4	74.3	-0.0	-5.9	50.0	50.0	53.0
20:02:00	25 23.1	-86 17.6	306.6	333.4	1494	1630	27.3	-2.0	-0.4	67.7	71.4	-0.5	202.4	115.9	5.9	114.7
20:02:30	25 26.5	-86 16.8	46.1	105.3	114.9	1627	26.3	1.6	-0.4	842.3	67.9	25.6	19.3	8.6	8.6	5.4
20:02:30	25 23.4	-86 15.8	44.7	105.9	115.0	1614	319.1	1.8	-0.5	846.2	67.9	25.3	18.8	11.2	11.2	25.9
20:02:30	25 24.9	-86 16.8	44.7	106.8	115.8	1628	18.0	-6.5	-14.3	68.5	74.4	-0.0	-6.0	50.0	50.0	50.1
20:02:30	25 24.9	-86 16.8	306.7	332.2	1494	1629	27.6	-1.6	-0.3	67.8	71.5	-0.5	202.6	117.1	5.8	114.8
20:03:00	25 28.2	-86 15.9	46.0	105.2	114.8	1627	26.3	1.5	-0.6	842.2	68.1	25.5	19.1	9.9	9.9	-5.3
20:03:00	25 25.1	-86 15.0	44.6	105.9	114.9	1617	319.1	1.6	-0.6	846.2	68.1	25.2	18.7	12.3	12.3	23.9
20:03:00	25 26.6	-86 16.0	44.6	106.7	115.7	1628	17.9	-6.9	-14.4	68.7	74.6	-0.0	-6.0	50.0	50.0	55.2
20:03:00	25 26.6	-86 16.0	306.6	334.3	1494	1630	27.4	-1.7	-0.3	68.0	71.7	-0.5	202.8	114.5	5.8	114.9
20:03:30	25 29.9	-86 15.1	46.0	105.0	114.6	1627	26.4	1.6	-0.4	842.2	67.9	25.4	19.0	9.1	9.1	-2.1
20:03:30	25 26.8	-86 14.2	44.5	105.7	114.7	1617	319.1	1.7	-0.6	846.2	67.9	25.1	18.6	11.1	11.1	20.5
20:03:30	25 28.3	-86 15.2	44.5	106.5	115.4	1630	17.8	-7.1	-14.6	68.5	74.4	-0.0	-6.0	50.0	50.0	52.5
20:03:30	25 28.3	-86 15.2	306.4	332.7	1494	1630	27.3	-1.9	-0.4	67.8	71.5	-0.5	202.6	114.6	5.7	114.7
20:04:00	25 31.6	-86 14.3	46.0	105.1	114.7	1628	26.3	1.5	-0.4	842.3	67.6	25.4	19.1	7.5	7.5	-5.8
20:04:00	25 28.5	-86 13.4	44.5	105.8	114.8	1618	319.0	1.7	-0.5	846.2	67.6	25.1	18.6	10.1	10.1	18.3
20:04:00	25 30.1	-86 14.4	44.5	106.6	115.5	1632	17.8	-6.5	-14.6	68.2	74.1	-0.0	-5.9	50.0	50.0	47.1
20:04:00	25 30.1	-86 14.4	306.5	330.2	1494	1630	27.3	-1.9	-0.3	67.5	71.1	-0.5	202.1	118.4	5.6	114.4
20:04:30	25 33.3	-86 13.5	46.3	105.4	115.1	1627	26.2	1.6	-0.4	842.3	67.5	25.4	19.1	8.5	8.5	-12.7
20:04:30	25 30.2	-86 12.6	44.7	106.2	115.2	1615	319.0	1.7	-0.5	846.3	67.6	25.1	18.7	10.8	10.8	17.1
20:04:30	25 31.8	-86 13.6	44.8	106.9	115.9	1628	17.8	-6.1	-14.4	68.2	74.1	-0.0	-5.9	50.0	50.0	50.2
20:04:30	25 31.8	-86 13.6	306.5	331.7	1493	1631	27.4	-1.7	-0.3	67.4	71.1	-0.5	202.1	122.8	5.3	114.4
20:05:00	25 35.0	-86 12.6	46.4	105.7	115.4	1628	26.3	1.5	-0.3	842.2	67.9	25.6	19.3	8.9	8.9	-15.1
20:05:00	25 32.0	-86 11.8	44.8	106.5	115.5	1617	319.1	1.7	-0.4	846.2	67.9	25.3	18.8	11.5	11.5	15.6
20:05:00	25 33.5	-86 12.8	44.8	107.2	116.2	1629	18.1	-6.3	-14.3	68.5	74.4	-0.0	-6.0	50.0	50.0	51.3
20:05:00	25 33.5	-86 12.8	306.7	332.8	1494	1632	27.6	-2.0	-0.4	67.8	71.5	-0.5	202.6	122.3	5.6	114.7
20:05:30	25 36.7	-86 11.8	46.3	105.7	115.4	1627	26.3	1.5	-0.4	842.2	68.0	25.8	19.4	8.7	8.7	-24.0
20:05:30	25 33.7	-86 11.0	44.6	106.6	115.5	1617	319.1	1.6	-0.5	846.2	68.0	25.5	19.0	11.4	11.4	14.5
20:05:30	25 35.3	-86 12.0	44.6	107.3	116.2	1627	18.2	-7.0	-14.7	68.7	74.5	-0.0	-6.0	50.0	50.0	49.9
20:05:30	25 35.3	-86 12.0	306.8	332.4	1494	1632	27.6	-0.7	0.1	67.9	71.7	-0.5	202.7	120.6	6.0	114.9
20:06:00	25 38.4	-86 11.0	46.2	105.8	115.4	1629	26.3	1.5	-0.3	842.1	67.5	25.3	19.0	9.9	9.9	-23.8
20:06:00	25 35.4	-86 10.2	44.5	106.6	115.5	1617	319.0	1.7	-0.4	846.1	67.5	25.0	18.5	12.2	12.2	-37.6
20:06:00	25 37.0	-86 11.2	44.5	107.3	116.1	1627	17.8	-6.7	-14.9	68.1	74.0	-0.0	-5.9	50.0	50.0	55.7
20:06:00	25 37.0	-86 11.2	306.4	334.1	1495	1633	27.7	-1.1	-0.1	67.4	71.1	-0.5	202.0	125.2	6.0	114.4

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:06:30	25 40.2	-86 10.1	46.4	106.3	115.9	1627	26.3	1.6	-0.4	842.2	68.3	25.3	18.9	10.3	10.3	-23.7
20:06:30	25 37.2	-86 9.4	44.6	107.2	116.1	1617	319.2	1.7	-0.5	846.2	68.3	25.0	18.5	12.4	12.4	-37.6
20:06:30	25 38.8	-86 10.4	44.6	107.8	116.6	1625	17.7	-7.0	-14.4	68.9	74.9	-0.0	-6.0	50.0	50.0	57.6
20:06:30	25 38.7	-86 10.4	306.3	334.8	1494	1631	27.8	-1.7	-0.4	68.2	72.0	-0.5	203.2	123.6	6.0	115.1
20:07:00	25 41.9	-86 9.3	46.2	106.0	115.7	1626	26.3	1.6	-0.3	842.2	68.7	25.3	18.9	10.5	10.5	-24.1
20:07:00	25 38.9	-86 8.6	44.4	107.0	115.8	1616	319.1	1.7	-0.4	846.3	68.7	25.0	18.4	12.4	12.4	-37.6
20:07:00	25 40.5	-86 9.6	44.5	107.5	116.4	1623	17.7	-7.4	-14.3	69.3	75.2	-0.0	-6.0	50.0	50.0	58.6
20:07:00	25 40.5	-86 9.6	306.3	335.1	1493	1630	27.7	-1.0	-0.1	68.5	72.4	-0.5	203.7	118.6	6.1	115.3
20:07:30	25 43.6	-86 8.5	46.3	106.2	115.8	1628	26.2	1.6	-0.4	842.2	68.2	25.1	18.7	10.4	10.4	-23.4
20:07:30	25 40.6	-86 7.8	44.4	107.1	116.0	1616	319.0	1.7	-0.5	846.2	68.2	24.8	18.3	12.8	12.8	29.2
20:07:30	25 42.3	-86 8.8	44.5	107.6	116.5	1626	17.6	-7.1	-14.5	68.8	74.7	-0.0	-6.0	50.0	50.0	58.9
20:07:30	25 42.3	-86 8.8	306.1	334.8	1494	1631	27.6	-1.4	-0.2	68.1	71.9	-0.5	203.1	123.7	5.9	114.9
20:08:00	25 45.3	-86 7.7	46.3	105.9	115.6	1630	26.2	1.4	-0.2	842.0	69.0	25.1	18.6	10.5	10.5	-24.1
20:08:00	25 42.4	-86 7.0	44.4	106.9	115.7	1617	319.0	1.6	-0.3	846.1	69.0	24.8	18.2	12.9	12.9	27.3
20:08:00	25 44.0	-86 8.0	44.4	107.4	116.2	1635	17.4	-7.8	-14.7	69.7	75.6	-0.0	-6.0	50.0	50.0	59.5
20:08:00	25 44.0	-86 8.0	306.0	334.9	1495	1632	27.6	-0.9	-0.0	68.9	72.7	-0.5	204.2	115.2	5.9	115.6
20:08:30	25 47.1	-86 6.8	46.8	106.6	116.4	1627	26.4	1.4	-0.5	842.2	69.3	25.8	19.3	9.4	9.4	-23.3
20:08:30	25 44.1	-86 6.2	44.9	107.6	116.6	1615	319.2	1.5	-0.6	846.3	69.3	25.5	18.8	12.0	12.0	22.4
20:08:30	25 45.8	-86 7.2	45.0	108.1	117.0	1629	18.0	-8.4	-14.8	69.9	75.9	-0.0	-6.1	50.0	50.0	52.8
20:08:30	25 45.8	-86 7.2	306.7	333.5	1493	1630	27.4	-1.8	-0.4	69.1	73.0	-0.5	204.6	120.9	5.9	115.9
20:09:00	25 48.8	-86 6.0	46.7	106.2	116.0	1628	26.3	1.6	-0.5	842.2	68.8	25.7	19.3	9.1	9.1	-23.4
20:09:00	25 45.9	-86 5.4	44.7	107.2	116.1	1616	319.1	1.7	-0.6	846.3	68.9	25.4	18.9	11.5	11.5	19.5
20:09:00	25 47.5	-86 6.4	44.8	107.6	116.5	1628	18.1	-7.9	-15.1	69.5	75.4	-0.0	-6.0	50.0	50.0	51.7
20:09:00	25 47.5	-86 6.4	306.7	333.0	1493	1631	27.2	-1.6	-0.3	68.7	72.6	-0.5	204.0	119.7	5.7	115.5
20:09:30	25 50.5	-86 5.2	46.1	106.3	115.8	1630	26.4	1.4	-0.6	842.0	69.1	25.7	19.2	10.0	10.0	-24.0
20:09:30	25 47.6	-86 4.7	44.1	107.3	116.0	1617	319.1	1.5	-0.7	846.1	69.1	25.4	18.8	12.7	12.7	17.6
20:09:30	25 49.3	-86 5.6	44.2	107.6	116.4	1630	17.9	-8.2	-15.1	69.7	75.7	-0.0	-6.0	50.0	50.0	55.3
20:09:30	25 49.3	-86 5.6	306.7	334.6	1495	1633	26.8	-2.2	-0.5	68.9	72.8	-0.5	204.3	116.0	6.2	115.7
20:10:00	25 52.2	-86 4.3	46.3	105.4	115.1	1628	26.1	1.7	-0.0	842.1	68.5	25.3	18.9	12.0	12.0	-24.0
20:10:00	25 49.3	-86 3.9	44.3	106.4	115.2	1615	318.8	1.8	-0.1	846.2	68.5	25.0	18.5	14.2	14.2	15.3
20:10:00	25 51.0	-86 4.8	44.4	106.7	115.6	1628	17.8	-7.0	-14.8	69.2	75.1	-0.0	-6.0	50.0	50.0	64.6
20:10:00	25 51.0	-86 4.8	306.3	338.2	1494	1632	26.9	-0.9	-0.1	68.4	72.2	-0.5	203.5	113.4	5.3	115.3
20:10:30	25 53.9	-86 3.5	48.1	104.1	114.7	1655	27.7	1.8	-0.5*	839.6	65.6	24.2	18.1	12.2	12.2	-24.1
20:10:30	25 51.1	-86 3.1	46.1	105.1	114.8	1644	320.5	1.9	-0.6*	843.4	65.6	24.0	17.7	14.0	14.0	13.4
20:10:30	25 52.7	-86 4.0	46.2	105.4	115.1	1652	17.1	-7.1	-17.1	66.3	72.0	-0.0	-5.8	50.0	50.0	69.2
20:10:30	25 52.7	-86 4.0	305.7	338.1	1521	1659	19.7	-2.3	-1.7	65.5	68.9	-0.5	199.2	133.2	6.3	112.9
20:11:00	25 55.6	-86 2.6	51.7	104.4	116.5	1630	28.4	1.7	-0.2	842.0	67.5	25.5	19.1	10.5	10.5	-23.8
20:11:00	25 52.8	-86 2.2	49.7	105.4	116.6	1619	321.2	1.8	-0.2	846.0	67.5	25.2	18.7	13.1	13.1	12.3
20:11:00	25 54.4	-86 3.1	49.8	105.7	116.9	1625	17.8	-7.2	-16.8	68.3	74.1	-0.0	-5.9	50.0	50.0	57.6
20:11:00	25 54.4	-86 3.1	306.6	335.5	1496	1634	27.5	-1.1	-1.7	67.4	71.1	-0.5	202.0	141.5	5.1	114.5

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:11:30	25 57.3	-86 1.7	52.9	104.3	117.0	1626	29.3	1.4	0.4	842.4	68.9	25.6	19.1	10.8	10.8	-24.1
20:11:30	25 54.5	-86 1.3	50.9	105.4	117.0	1613	322.1	1.5	0.3	846.4	68.9	25.3	18.7	12.6	12.6	11.3
20:11:30	25 56.2	-86 2.2	50.9	105.6	117.2	1623	17.7	-8.0	-16.6	69.6	75.5	-0.0	-6.0	50.0	50.0	58.7
20:11:30	25 56.1	-86 2.2	306.5	335.9	1491	1630	27.4	-1.0	-0.1	68.8	72.6	-0.5	204.0	133.0	5.7	115.6
20:12:00	25 59.0	-86 0.7	53.5	103.7	116.7	1628	29.7	1.3	-0.4	842.2	69.1	26.0	19.6	7.1	7.1	-24.4
20:12:00	25 56.2	-86 0.4	51.5	104.7	116.7	1615	322.5	1.5	-0.5	846.3	69.1	25.7	19.1	9.4	9.4	-37.6
20:12:00	25 57.9	-86 1.3	51.6	104.9	116.9	1623	18.3	-8.0	-16.4	69.9	75.8	-0.0	-6.1	50.0	50.0	44.5
20:12:00	25 57.9	-86 1.3	307.0	330.1	1493	1631	27.5	-0.8	-0.1	69.0	72.9	-0.5	204.4	128.3	5.6	115.8
20:12:30	26 0.7	-85 59.7	53.1	103.4	116.3	1627	29.8	1.5	-0.2	842.3	69.4	25.7	19.2	8.4	8.4	-23.8
20:12:30	25 57.9	-85 59.5	51.0	104.5	116.3	1614	322.5	1.6	-0.3	846.5	69.4	25.4	18.8	10.3	10.3	-37.6
20:12:30	25 59.6	-86 0.4	51.1	104.6	116.4	1621	18.0	-8.4	-16.1	70.1	76.1	-0.0	-6.1	50.0	50.0	49.6
20:12:30	25 59.6	-86 0.4	306.6	331.7	1491	1629	27.5	-1.0	-0.1	69.3	73.2	-0.5	204.8	121.8	5.8	116.0
20:13:00	26 2.4	-85 58.8	52.8	102.5	115.3	1626	29.8	1.6	-0.4	842.5	69.1	25.6	19.2	9.1	9.1	-23.2
20:13:00	25 59.6	-85 58.5	50.7	103.5	115.3	1613	322.6	1.7	-0.5	846.6	69.1	25.3	18.7	11.4	11.4	-37.6
20:13:00	26 1.3	-85 59.5	50.9	103.6	115.4	1620	17.9	-7.8	-15.8	69.8	75.7	-0.0	-6.0	50.0	50.0	52.3
20:13:00	26 1.2	-85 59.5	306.5	332.9	1490	1628	27.5	-1.4	-0.2	68.9	72.8	-0.5	204.3	115.1	5.6	115.7
20:13:30	26 4.0	-85 57.9	52.1	101.7	114.3	1626	29.8	1.5	-0.3	842.4	68.0	25.5	19.2	9.0	9.0	-23.7
20:13:30	26 1.3	-85 57.6	50.0	102.8	114.3	1613	322.6	1.6	-0.4	846.3	68.0	25.2	18.7	11.0	11.0	-37.6
20:13:30	26 2.9	-85 58.6	50.1	102.8	114.4	1621	17.9	-7.3	-15.7	68.6	74.4	-0.0	-6.0	50.0	50.0	51.8
20:13:30	26 2.9	-85 58.6	306.6	332.7	1492	1629	27.5	-0.8	-0.0	67.9	71.6	-0.5	202.7	114.1	6.0	114.8
20:14:00	26 5.5	-85 56.7	75.7	82.1	111.6	1621	45.2	2.0	1.0	842.8	66.2	25.2	19.0	8.6	8.6	-23.6
20:14:00	26 2.8	-85 56.5	73.6	83.1	111.0	1610	338.0	2.1	0.9	846.7	66.2	24.9	18.6	11.1	11.1	-37.6
20:14:00	26 4.4	-85 57.5	73.7	83.2	111.1	1617	18.0	-4.3	-14.2	66.9	72.6	-0.0	-5.8	50.0	50.0	51.1
20:14:00	26 4.4	-85 57.5	306.4	331.9	1489	1626	27.4	0.2	0.4	66.1	69.7	-0.5	200.0	119.0	5.9	113.2
20:14:30	26 6.8	-85 55.3	77.2	80.1	111.3	1627	46.3	1.6	-0.1	842.4	66.1	25.0	18.9	9.3	9.3	-24.1
20:14:30	26 4.1	-85 55.2	75.1	81.2	110.6	1614	339.1	1.8	-0.2	846.3	66.1	24.7	18.4	11.6	11.6	-37.6
20:14:30	26 5.8	-85 56.1	75.3	81.1	110.6	1621	17.7	-5.3	-14.5	66.8	72.5	-0.0	-5.8	50.0	50.0	54.2
20:14:30	26 5.8	-85 56.1	306.2	332.9	1492	1630	27.4	-0.3	0.2	66.1	69.6	-0.5	200.0	115.0	5.6	113.2
20:15:00	26 8.1	-85 53.9	77.4	79.9	111.2	1626	46.4	1.8	-0.2	842.6	66.3	24.9	18.7	9.9	9.9	-29.3
20:15:00	26 5.4	-85 53.8	75.3	80.9	110.5	1613	339.2	1.8	-0.3	846.5	66.3	24.6	18.2	12.3	12.3	-37.6
20:15:00	26 7.1	-85 54.8	75.4	80.8	110.5	1619	17.5	-5.8	-14.4	67.0	72.7	-0.0	-5.8	50.0	50.0	56.9
20:15:00	26 7.1	-85 54.8	306.1	333.8	1491	1629	27.4	-1.0	-0.0	66.2	69.9	-0.5	200.2	113.0	5.5	113.3
20:15:30	26 9.4	-85 52.6	77.2	79.7	111.0	1626	46.5	1.7	-0.2	842.6	65.6	25.0	18.9	9.3	9.3	28.6
20:15:30	26 6.7	-85 52.5	75.2	80.7	110.3	1613	339.2	1.8	-0.3	846.4	65.6	24.7	18.5	11.5	11.5	28.2
20:15:30	26 8.4	-85 53.4	75.3	80.5	110.2	1618	17.7	-4.8	-14.5	66.2	71.9	-0.0	-5.8	50.0	50.0	53.9
20:15:30	26 8.4	-85 53.4	306.3	332.9	1491	1629	27.4	-1.6	-0.2	65.5	69.0	-0.5	199.2	116.2	5.3	112.8
20:16:00	26 10.7	-85 51.2	77.2	79.9	111.1	1626	46.6	1.8	-0.5	842.6	65.3	25.4	19.3	8.1	8.1	23.1
20:16:00	26 8.0	-85 51.1	75.2	80.9	110.4	1614	339.3	1.9	-0.5	846.4	65.3	25.1	18.8	10.3	10.3	22.7
20:16:00	26 9.7	-85 52.1	75.3	80.7	110.4	1620	18.0	-4.7	-14.4	65.9	71.6	-0.0	-5.7	50.0	50.0	48.3
20:16:00	26 9.7	-85 52.1	306.7	331.3	1491	1629	27.4	-1.5	-0.2	65.2	68.7	-0.5	198.7	121.2	5.6	112.5

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:16:30	26 12.0	-85 49.8	79.8	83.3	115.4	1630	46.3	1.5	0.0	842.0	69.4	25.9	19.4	8.8	8.8	19.6
20:16:30	26 9.4	-85 49.8	77.8	84.3	114.7	1619	339.1	1.6	-0.1	846.3	69.4	25.6	19.0	11.1	11.1	19.1
20:16:30	26 11.0	-85 50.7	77.8	84.0	114.5	1623	18.2	-9.4	-15.0	70.3	76.1	-0.0	-6.1	50.0	50.0	50.4
20:16:30	26 11.0	-85 50.7	306.9	332.7	1493	1633	27.5	-0.9	-0.1	69.2	73.2	-0.5	204.7	129.3	5.7	116.0
20:17:00	26 13.4	-85 48.3	86.0	89.2	123.9	1632	46.2	0.7	-0.2	841.5	80.1	26.8	19.4	8.6	8.6	17.2
20:17:00	26 10.8	-85 48.3	83.9	90.2	123.2	1622	339.0	0.8	-0.2	846.3	80.1	26.6

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:21:30	26 26.5	-85 32.2	105.7	71.7	127.8	1846	56.6	-0.2*	-1.6	820.5	84.2	26.4	18.5	4.6	4.6	7.4
20:21:30	26 24.0	-85 32.6	104.0	72.4	126.7	1834	349.3	-0.1*	-1.7	825.4	84.2	26.2	18.0	7.6	7.6	-37.4
20:21:30	26 25.5	-85 33.5	104.0	71.7	126.3	1844	17.3	-24.7	-25.7	85.3	91.0	-0.0	-7.5	50.0	50.0	39.9
20:21:30	26 25.2	-85 34.0	308.0	328.1	1697	1839	27.4	5.9	2.0	83.6	88.8	-0.5	225.0	132.4	3.5	128.7
20:22:00	26 27.7	-85 30.3	108.2	85.1	137.7	1746	53.4	-2.0	-1.2	829.3	99.5	28.4	19.2	10.8	10.8	6.5
20:22:00	26 25.2	-85 30.7	106.5	85.7	136.8	1736	346.1	-1.8	-1.3	834.8	99.5	28.2	18.7	8.0	8.0	-37.5
20:22:00	26 26.8	-85 31.6	106.5	85.0	136.3	1746	17.9	-35.4	-31.4	100.2	106.7	-0.0	-8.6	50.0	50.0	58.6
20:22:00	26 26.6	-85 31.8	307.8	337.8	1604	1775	27.3	4.7	1.4	98.7	104.8	-0.5	244.0	128.7	5.4	139.0
20:22:30	26 29.2	-85 28.4	103.3	97.7	142.1	1666	47.9	1.3*	-2.0	836.9	106.2	29.6	19.9	7.7	7.7	-1.5
20:22:30	26 26.7	-85 28.7	101.6	98.3	141.4	1656	340.7	1.4*	-2.1	842.8	106.1	29.5	19.5	9.3	9.3	-37.5
20:22:30	26 28.3	-85 29.7	101.8	97.5	141.0	1661	18.6	-46.5*	-39.7	107.1	113.4	-0.0	-9.1	50.0	50.0	45.1
20:22:30	26 28.0	-85 30.0	307.7	331.9	1526	1651	26.8	8.0	1.6	104.9	112.1	-0.5	251.7	132.3	5.3	142.8
20:23:00	26 30.9	-85 26.6	97.4	103.1	141.8	1658	45.1	-0.3	2.9*	837.8	105.2	29.2	19.6	7.8	7.8	-11.1
20:23:00	26 28.4	-85 27.0	95.8	103.7	141.1	1646	337.9	-0.2	2.8*	843.7	105.1	29.1	19.2	9.9	9.9	-37.5
20:23:00	26 29.9	-85 27.9	95.7	103.1	140.7	1649	18.5	-39.6	-34.6	106.0	112.5	-0.0	-9.0	50.0	50.0	46.2
20:23:00	26 29.9	-85 27.9	307.3	331.6	1518	1661	27.6	7.8	2.4	104.2	110.9	-0.5	250.6	133.1	6.6	142.0
20:23:30	26 32.4	-85 24.7	112.3	81.8	138.9	1663	55.5	-1.0	6.0	837.3	102.5	29.0	19.7	6.3	6.3	-8.1
20:23:30	26 29.9	-85 25.1	110.7	82.3	137.9	1651	348.2	-0.9	5.9	843.2	102.5	28.9	19.2	9.1	9.1	-37.6
20:23:30	26 31.4	-85 26.1	110.5	81.8	137.5	1658	18.5	-39.3	-34.8	103.5	109.7	-0.0	-8.8	50.0	50.0	41.6
20:23:30	26 31.3	-85 26.3	307.4	329.4	1523	1674	27.7	9.1	2.9	101.6	108.2	-0.5	247.5	132.6	6.6	140.3
20:24:00	26 33.7	-85 22.7	103.5	93.5	139.5	1632	49.6*	-0.0	-6.8	840.8	101.5	29.1	19.9	8.0	8.0	-12.1
20:24:00	26 31.3	-85 23.1	102.0	94.0	138.7	1620	342.4*	0.1	-6.9	846.3	101.5	29.0	19.4	10.2	10.2	-37.5
20:24:00	26 32.8	-85 24.1	102.3	93.0	138.2	1626	18.4	-37.6	-34.2	102.3	108.7	-0.0	-8.7	50.0	50.0	46.4
20:24:00	26 32.8	-85 24.1	307.3	331.9	1492	1633	27.9	5.3	1.6	100.6	106.9	-0.5	246.3	139.3	5.5	139.5
20:24:30	26 35.3	-85 20.9	95.6	100.3	138.5	1625	45.1	0.0	-3.2*	841.3	100.3	29.3	20.1	6.6	6.6	-18.5
20:24:30	26 32.9	-85 21.4	94.1	100.7	137.8	1615	337.9	0.1	-3.3*	847.0	100.3	29.1	19.6	8.8	8.8	-37.5
20:24:30	26 34.4	-85 22.3	94.4	99.8	137.4	1619	18.8	-35.1	-32.9	101.3	107.7	-0.0	-8.6	50.0	50.0	41.4
20:24:30	26 34.3	-85 22.4	307.5	329.8	1486	1629	28.0	6.5	2.0	99.5	105.7	-0.5	244.9	133.8	5.2	138.7
20:25:00	26 36.9	-85 19.2	87.0	106.7	137.7	1619	40.7*	0.3	-8.3*	842.1	98.8	29.3	20.3	7.1	7.1	-18.3
20:25:00	26 34.5	-85 19.7	85.6	107.1	137.1	1608	333.5*	0.4	-8.4*	847.7	98.8	29.2	19.8	9.1	9.1	-37.5
20:25:00	26 36.0	-85 20.6	86.1	105.9	136.5	1615	18.8	-32.0	-32.2	99.7	106.4	-0.0	-8.5	50.0	50.0	42.4
20:25:00	26 35.8	-85 20.9	307.6	330.8	1479	1621	28.2	3.3	1.1	98.1	104.2	-0.5	243.2	130.8	4.6	137.7
20:25:30	26 38.9	-85 18.0	47.8	134.5	142.7	1550	21.1	-0.8*	-4.3*	848.9	103.6	30.1	20.7	7.2	7.2	-21.8
20:25:30	26 36.5	-85 18.6	46.4	134.8	142.5	1537	313.8	-0.7*	-4.4*	854.9	103.6	29.9	20.2	9.7	9.7	-37.6
20:25:30	26 38.0	-85 19.5	46.7	133.8	141.8	1542	19.3	-33.2	-31.9	104.5	111.5	-0.0	-8.8	50.0	50.0	41.8
20:25:30	26 37.5	-85 19.6	307.3	330.4	1411	1572	28.2	5.1	1.6	102.9	109.3	-0.5	248.8	134.4	5.8	140.4
20:26:00	26 41.0	-85 16.9	87.7	110.1	140.8	1516	40.0*	-1.6	14.9	851.7	104.1	30.2	20.8	7.1	7.1	-24.5
20:26:00	26 38.6	-85 17.5	86.4	110.4	140.2	1504	332.6*	-1.4	14.8	858.0	104.1	30.1	20.4	9.3	9.3	-37.5
20:26:00	26 40.0	-85 18.4	85.6	110.2	139.6	1510	20.0	-37.1	-32.9	105.2	111.6	-0.0	-8.8	50.0	50.0	41.0
20:26:00	26 40.0	-85 18.4	307.1	330.0	1381	1518	28.2	9.5	3.1	103.3	110.1*	-0.5	249.3	132.4	6.6	140.5

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:26:30	26 42.6	-85 15.2	82.6	106.7	135.0	1570	39.4	-0.3	-3.4	847.3	94.8	28.8	20.2	8.4	8.4	-23.6
20:26:30	26 40.2	-85 15.8	81.4	106.9	134.4	1557	332.3	-0.2	-3.4	852.6	94.8	28.7	19.7	10.8	10.8	-37.5
20:26:30	26 41.7	-85 16.7	81.5	106.0	133.7	1562	18.9	-34.6	-32.2	95.7	101.9	-0.0	-8.1	50.0	50.0	46.8
20:26:30	26 41.6	-85 16.7	307.0	332.1	1432	1570	28.3	4.7	1.5	94.0	99.9	-0.5	238.4	132.7	5.4	134.6
20:27:00	26 44.4	-85 13.8	72.0	112.6	133.6	1580	34.3	0.2*	-4.0*	846.3	91.9	28.4	20.0	8.7	8.7	-23.9
20:27:00	26 42.0	-85 14.4	70.8	112.7	133.1	1570	327.1	0.3*	-4.0*	851.3	91.9	28.2	19.6	11.2	11.2	-37.5
20:27:00	26 43.4	-85 15.3	71.0	111.8	132.5	1573	18.7	-33.8	-31.7	92.8	98.8	-0.0	-7.9	50.0	50.0	48.4
20:27:00	26 43.3	-85 15.4	306.9	332.5	1445	1577	28.2	4.0	1.3	91.1	96.7	-0.5	234.8	134.4	5.4	132.7
20:27:30	26 46.3	-85 12.6	82.2	110.1	137.4	1523	38.2*	0.4	14.6*	851.2	98.0	29.3	20.4	9.9	9.9	-23.0
20:27:30	26 43.9	-85 13.2	81.1	110.2	136.8	1512	330.8*	0.5	14.5*	857.4	98.0	29.2	20.0	12.0	12.0	-37.5
20:27:30	26 45.4	-85 14.1	80.5	110.0	136.3	1515	19.6	-30.8	-29.2	99.4	105.7	-0.0	-8.3	50.0	50.0	50.9
20:27:30	26 45.4	-85 14.1	306.8	334.2	1387	1524	28.3	8.5	3.0	97.3	104.0	-0.5	242.2	136.6	6.2	136.5
20:28:00	26 47.9	-85 10.8	99.5	88.1	132.9	1541	50.1	4.1	-3.4*	849.9	92.8	28.9	20.4	9.7	9.7	-24.0
20:28:00	26 45.5	-85 11.5	98.5	88.1	132.1	1532	342.8	4.2	-3.4*	855.4	92.8	28.7	20.0	12.1	12.1	-37.5
20:28:00	26 46.9	-85 12.4	98.8	87.3	131.8	1535	18.9	-28.7	-30.3	94.0	100.4	-0.0	-7.9	50.0	50.0	50.3
20:28:00	26 46.9	-85 12.4	306.9	334.1	1405	1540	28.2	2.8	1.0	92.1	98.2	-0.5	235.8	143.3	4.9	133.1
20:28:30	26 49.4	-85 9.2	83.3	100.8	130.8	1622	40.9	-0.1	-1.2	842.2	88.8	27.6	19.5	9.7	9.7	-23.9
20:28:30	26 47.0	-85 9.9	82.3	100.8	130.1	1610	333.7	0.0	-1.3	847.3	88.7	27.4	19.0	12.0	12.0	-37.5
20:28:30	26 48.4	-85 10.8	82.3	99.9	129.4	1615	18.2	-27.6	-26.8	89.9	95.9	-0.0	-7.7	50.0	50.0	53.3
20:28:30	26 48.4	-85 10.8	306.8	334.1	1483	1625	28.0	5.8	1.9	88.1	93.6	-0.5	230.8	132.2	4.9	130.6
20:29:00	26 51.1	-85 7.7	86.3	103.5	134.8	1608	40.7*	-0.9	7.9*	843.2	95.7	28.1	19.4	10.5	10.5	-23.3
20:29:00	26 48.7	-85 8.4	85.3	103.5	134.1	1598	333.4*	-0.8	7.9*	848.7	95.7	27.9	18.9	12.8	12.8	-37.5
20:29:00	26 50.1	-85 9.3	85.0	102.9	133.4	1604	18.4	-34.2	-30.1	97.0	102.9	-0.0	-8.2	50.0	50.0	56.8
20:29:00	26 50.1	-85 9.3	306.5	335.3	1470	1611	28.0	10.4	3.4	94.9	101.2	-0.5	239.4	124.1	5.1	135.4
20:29:30	26 52.5	-85 5.8	113.5	75.9	136.6	1573	57.4*	1.4	-12.7*	847.0	100.0	28.9	19.9	10.7	10.7	-23.5
20:29:30	26 50.1	-85 6.5	112.7	75.7	135.8	1562	350.1*	1.5	-12.8*	852.4	100.0	28.8	19.4	13.1	13.1	-37.3
20:29:30	26 51.5	-85 7.5	113.3	74.2	135.4	1568	18.3	-35.1	-33.9	100.7	107.4	-0.0	-8.5	50.0	50.0	55.8
20:29:30	26 51.4	-85 7.6	306.7	335.7	1434	1566	27.9	1.2	0.4	99.1	105.2	-0.5	244.5	123.3	3.4	138.1
20:30:00	26 54.1	-85 4.1	101.9	87.9	134.6	1625	49.8*	0.8	13.3*	841.2	95.7	28.1	19.4	9.9	9.9	-23.8
20:30:00	26 51.7	-85 4.8	101.1	87.7	133.9	1613	342.5*	0.9	13.2*	847.2	95.7	28.0	18.9	12.4	12.4	-37.4
20:30:00	26 53.1	-85 5.8	100.7	87.5	133.4	1622	18.4	-31.6	-31.6	97.4	103.1	-0.0	-8.2	50.0	50.0	54.6
20:30:00	26 52.6	-85 6.2	306.7	334.5	1484	1623	27.8	14.0	4.8	94.9	101.5	-0.5	239.4	131.0	5.1	135.4
20:30:30	26 55.4	-85 2.2	107.7	82.2	135.5	1622	53.5	1.0*	2.5*	841.7	97.7	28.1	19.2	11.4	11.4	-23.3
20:30:30	26 53.0	-85 2.9	107.0	82.0	134.8	1612	346.3	1.2*	2.4*	847.2	97.7	28.0	18.7	13.6	13.6	-37.5
20:30:30	26 54.4	-85 3.8	107.0	81.3	134.4	1621	18.1	-37.3	-33.5	99.0	104.9	-0.0	-8.4	50.0	50.0	61.1
20:30:30	26 54.4	-85 3.9	306.5	337.1	1484	1625	27.9	9.2	3.0	96.8	103.2	-0.5	241.9	128.1	4.6	136.8
20:31:00	26 56.8	-85 0.3	104.0	80.0	131.3	1690	53.4	4.1	1.1	835.1	90.7	27.2	18.8	10.9	10.9	-24.3
20:31:00	26 54.4	-85 1.0	103.4	79.8	130.6	1683	346.2	4.2	1.0	840.8	90.6	27.0	18.4	13.4	13.4	-37.4
20:31:00	26 55.7	-85 1.9	103.6	79.2	130.4	1690	17.5	-25.8	-28.2	92.2	98.4	-0.0	-7.9	50.0	50.0	60.4
20:31:00	26 55.7	-85 1.9	306.8	336.6	1546	1693	27.8	7.2	2.5	90.1	96.2	-0.5	233.2	135.4	4.4	132.4

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:31:30	26 58.1	-84 58.5	100.4	77.9	127.1	1806	53.2*	2.3	9.3	824.0	84.2	26.3	18.4	8.7	8.7	-23.3
20:31:30	26 55.7	-84 59.2	99.8	77.6	126.4	1796	345.9*	2.4	9.1	829.4	84.2	26.1	18.0	10.9	10.9	-37.4
20:31:30	26 57.0	-85 0.1	99.6	77.3	126.1	1809	17.3	-23.5	-26.4	85.9	91.4	-0.0	-7.4	50.0	50.0	53.4
20:31:30	26 57.0	-85 0.1	307.5	333.8	1657	1810	27.6	10.4	3.7	83.7	89.4	-0.5	225.0	130.3	5.3	128.4
20:32:00	26 59.4	-84 56.7	83.9	99.0	129.8	1847	41.5*	0.6*	-4.2*	820.5	86.1	25.9	17.8	9.4	9.4	-23.9
20:32:00	26 57.0	-84 57.5	83.4	98.6	129.1	1837	334.3*	0.7*	-4.2*	825.5	86.0	25.6	17.3	11.4	11.4	-37.5
20:32:00	26 58.3	-84 58.4	83.7	97.6	128.6	1850	16.5	-19.7	-22.3	87.4	93.5	-0.0	-7.6	50.0	50.0	58.4
20:32:00	26 58.3	-84 58.4	307.3	335.0	1695	1853	27.6	7.3	2.4	85.7	90.9	-0.5	227.4	129.1	4.8	130.0
20:32:30	27 1.0	-84 55.1	100.1	84.2	130.8	1877	50.7*	-2.3	15.6*	817.1	88.7	25.5	17.2	10.2	10.2	-23.8
20:32:30	26 58.5	-84 55.9	99.6	83.7	130.1	1864	343.4*	-2.2	15.5*	822.5	88.7	25.3	16.7	12.4	12.4	-37.4
20:32:30	26 59.8	-84 56.8	99.1	83.5	129.6	1880	16.5	-31.0	-27.6	90.2	95.5	-0.0	-7.9	50.0	50.0	64.0
20:32:30	26 59.8	-84 56.8	307.0	336.1	1724	1883	27.3	14.4	4.9	88.0	93.9	-0.5	230.8	129.4	5.8	132.0
20:33:00	27 2.3	-84 53.2	88.4	106.2	138.2	1783	41.4*	2.4	-6.5*	826.1	99.4	26.9	17.8	11.3	11.3	-23.5
20:33:00	26 59.9	-84 54.0	88.1	105.7	137.6	1774	334.2*	2.4	-6.6*	831.8	99.4	26.8	17.3	13.5	13.5	-37.4
20:33:00	27 1.2	-84 54.9	88.6	104.9	137.3	1782	16.5	-33.4	-32.9	100.5	107.0	-0.0	-8.7	50.0	50.0	66.3
20:33:00	27 1.2	-84 54.9	306.6	337.5	1634	1787	27.6	6.8	2.1	98.6	104.9	-0.5	243.8	127.4	5.6	138.8
20:33:30	27 4.0	-84 51.6	103.5	81.2	131.6	1886	53.3*	1.2	12.5*	816.2	90.5	26.0	17.5	7.5	7.5	-23.8
20:33:30	27 1.5	-84 52.4	103.3	80.7	131.0	1875	346.0*	1.3	12.4*	821.8	90.4	25.8	17.0	9.8	9.8	-37.3
20:33:30	27 2.8	-84 53.3	103.0	80.5	130.8	1889	16.5	-29.6	-29.8	91.9	97.6	-0.0	-8.0	50.0	50.0	52.1
20:33:30	27 2.8	-84 53.3	307.4	331.8	1732	1890	27.2	10.3	3.6	89.8	95.9	-0.5	233.0	128.8	6.5	133.3
20:34:00	27 5.2	-84 49.6	101.4	94.3	138.5	1818	48.8*	0.1	-17.7	823.1	101.6	27.2	17.8	9.2	9.2	-24.3
20:34:00	27 2.8	-84 50.4	101.2	93.7	137.9	1806	341.6*	0.3	-17.8	828.5	101.6	27.0	17.3	11.5	11.5	-37.5
20:34:00	27 4.1	-84 51.3	102.2	92.0	137.5	1818	16.3	-35.4	-32.0	102.2	109.0	-0.0	-8.9	50.0	50.0	57.6
20:34:00	27 4.0	-84 51.3	307.0	334.1	1666	1822	27.5	2.4	0.6	100.7	106.8	-0.5	246.4	114.1	4.9	140.5
20:34:30	27 6.9	-84 47.9	103.2	92.4	138.5	1818	49.6*	0.2	9.9	822.3	101.1	27.2	17.8	9.1	9.1	-24.0
20:34:30	27 4.5	-84 48.7	103.0	91.7	137.9	1809	342.4*	0.4	9.9	828.5	101.1	27.0	17.3	11.4	11.4	-37.4
20:34:30	27 5.7	-84 49.6	102.8	91.5	137.6	1820	16.9	-34.3	-31.2	102.4	108.6	-0.0	-8.8	50.0	50.0	57.1
20:34:30	27 5.7	-84 49.6	307.0	333.9	1666	1824	27.5	11.0	3.6	100.3	107.1	-0.5	245.8	125.2	6.8	140.2
20:35:00	27 8.2	-84 45.9	116.8	69.9	136.2	1848	60.3	-2.0	-2.0	820.2	98.9	26.8	17.6	7.5	7.5	-23.4
20:35:00	27 5.7	-84 46.7	116.8	69.2	135.7	1835	353.1	-1.9	-2.0	825.5	98.9	26.7	17.2	9.5	9.5	-37.5
20:35:00	27 6.9	-84 47.6	116.9	68.3	135.4	1850	16.6	-38.9	-32.6	99.7	105.6	-0.0	-8.7	50.0	50.0	51.5
20:35:00	27 6.6	-84 48.3	307.2	331.4	1695	1874	27.5	7.6	2.4	97.9	104.0	-0.5	243.2	121.2	5.6	138.9
20:35:30	27 9.3	-84 43.7	124.0	73.7	144.2	1707	60.4	-1.9	0.8	832.9	112.6	28.8	18.6	10.8	10.8	-23.5
20:35:30	27 6.9	-84 44.5	124.0	72.9	143.8	1696	353.1	-1.8	0.7	839.1	112.6	28.7	18.0	13.1	13.1	-37.5
20:35:30	27 8.1	-84 45.4	124.1	72.1	143.6	1711	17.3	-45.9*	-38.3	113.2	120.0	-0.0	-9.6	50.0	50.0	61.0
20:35:30	27 8.1	-84 45.4	306.7	336.4	1563	1715	27.8	9.6	0.5	111.5	118.7*	-0.5	259.0	123.1	6.0	147.0
20:36:00	27 10.6	-84 41.5	122.0	79.0	145.3	1638	58.1	-0.9	0.0	839.6	114.4	29.3	19.0	11.7	11.7	-24.0
20:36:00	27 8.1	-84 42.3	122.0	78.2	144.9	1628	350.9	-0.8	-0.1	845.9	114.4	29.2	18.5	13.9	13.9	-37.6
20:36:00	27 9.3	-84 43.2	122.3	77.5	144.8	1641	17.7	-47.8*	-40.8*	115.0	121.8	-0.0	-9.7	50.0	50.0	63.1
20:36:00	27 9.3	-84 43.2	306.4	337.7	1497	1645	28.0	9.1	0.2	113.2	120.6*	-0.5	261.0	122.8	5.5	147.6

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:36:30	27 11.9	-84 39.3	117.6	79.1	141.8	1649	57.2	0.6	2.2	838.7	108.3	28.9	19.0	11.6	11.6	-23.6
20:36:30	27 9.4	-84 40.1	117.7	78.2	141.4	1640	350.0	0.7	2.1	844.8	108.3	28.8	18.6	13.8	13.8	-37.6
20:36:30	27 10.6	-84 41.0	118.0	77.7	141.3	1653	17.9	-44.1*	-39.2	109.3	115.7	-0.0	-9.2	50.0	50.0	62.3
20:36:30	27 10.6	-84 41.0	306.6	337.6	1507	1654	28.0	9.7	0.8	107.2	114.4*	-0.5	254.2	126.5	5.8	143.9
20:37:00	27 13.1	-84 37.1	120.2	67.7	138.0	1629	61.7	1.3	2.4	840.8	103.0	28.5	19.2	12.0	12.0	-23.8
20:37:00	27 10.6	-84 37.9	120.4	66.8	137.7	1620	354.5	1.4	2.3	846.7	102.9	28.4

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:41:30	27 26.0	-84 20.7	98.4	92.5	135.1	1633	47.8	-0.0	0.9*	840.9	97.2	27.9	19.0	11.8	11.8	-24.3
20:41:30	27 23.4	-84 21.4	99.1	91.1	134.6	1624	340.5	0.1	0.8*	846.6	97.2	27.8	18.6	14.0	14.0	-37.5
20:41:30	27 24.5	-84 22.2	99.4	90.7	134.6	1637	18.0	-33.9	-31.5	98.6	104.6	-0.0	-8.3	50.0	50.0	63.4
20:41:30	27 24.5	-84 22.2	306.4	337.8	1490	1640	28.0	10.3	3.3	96.5	102.7	-0.5	241.3	121.8	5.2	136.5
20:42:00	27 27.5	-84 18.9	97.3	93.5	134.9	1637	47.2	0.6	1.4	840.6	97.4	28.3	19.4	10.6	10.6	-23.6
20:42:00	27 24.9	-84 19.6	98.0	92.0	134.4	1627	340.0	0.7	1.3	846.3	97.4	28.1	18.9	12.9	12.9	-37.5
20:42:00	27 25.9	-84 20.4	98.3	91.7	134.4	1640	18.3	-34.0	-31.8	98.7	104.8	-0.0	-8.4	50.0	50.0	57.3
20:42:00	27 25.9	-84 20.4	306.8	335.9	1493	1642	28.1	8.9	2.8	96.6	102.9	-0.5	241.5	117.5	5.3	136.7
20:42:30	27 29.1	-84 17.1	97.6	94.2	135.6	1624	46.9	-0.3	0.3	841.9	98.5	28.4	19.4	11.0	11.0	-23.9
20:42:30	27 26.3	-84 17.8	98.3	92.8	135.2	1614	339.7	-0.2	0.3	847.4	98.4	28.2	18.9	13.2	13.2	-37.4
20:42:30	27 27.4	-84 18.6	98.6	92.4	135.1	1628	18.3	-35.2	-31.3	99.6	105.7	-0.0	-8.4	50.0	50.0	58.5
20:42:30	27 27.4	-84 18.6	306.7	336.4	1482	1628	28.1	8.6	2.7	97.6	103.9	-0.5	242.7	116.7	4.8	137.3
20:43:00	27 30.6	-84 15.4	91.1	99.8	135.1	1630	43.4	0.2	4.5	841.2	97.0	28.0	19.2	11.2	11.2	-24.1
20:43:00	27 27.9	-84 16.1	91.9	98.3	134.6	1621	336.1	0.3	4.4	846.9	97.0	27.9	18.7	13.5	13.5	-37.4
20:43:00	27 29.0	-84 16.9	92.1	98.2	134.6	1632	18.2	-33.9	-31.8	98.4	104.3	-0.0	-8.3	50.0	50.0	60.1
20:43:00	27 29.0	-84 16.9	306.5	336.7	1487	1639	28.0	11.6	3.7	96.2	102.5	-0.5	240.9	120.9	5.4	136.3
20:43:30	27 32.2	-84 13.7	95.9	94.3	134.5	1641	47.1	0.1	0.9	840.3	96.1	27.9	19.1	10.9	10.9	-23.5
20:43:30	27 29.4	-84 14.3	96.7	92.8	134.0	1633	339.8	0.2	0.8	845.7	96.1	27.7	18.6	13.1	13.1	-37.4
20:43:30	27 30.5	-84 15.2	97.0	92.5	134.0	1645	18.1	-34.3	-32.1	96.9	103.2	-0.0	-8.3	50.0	50.0	59.4
20:43:30	27 29.2	-84 16.6	306.5	336.2	1498	1641	28.0	3.3	1.1	95.2	101.3	-0.5	239.9	122.8	5.4	135.8
20:44:00	27 33.7	-84 11.9	97.1	93.3	134.7	1643	47.7	0.2	0.1	840.3	96.2	27.8	19.0	11.3	11.3	-24.2
20:44:00	27 30.9	-84 12.5	98.1	91.7	134.3	1633	340.4	0.3	0.0	845.7	96.1	27.7	18.6	13.6	13.6	-37.2
20:44:00	27 32.0	-84 13.4	98.3	91.4	134.3	1646	17.9	-33.5	-32.0	96.8	103.3	-0.0	-8.3	50.0	50.0	61.4
20:44:00	27 29.2	-84 16.6	306.5	337.0	1499	1641	28.0	1.2	0.4	95.3	101.3	-0.5	240.0	123.4	4.8	135.8
20:44:30	27 35.2	-84 10.1	98.0	93.2	135.2	1643	47.9	0.0	-0.3	840.3	96.8	27.9	19.0	11.2	11.2	-22.8
20:44:30	27 32.4	-84 10.7	99.0	91.6	134.8	1633	340.7	0.2	-0.3	845.6	96.7	27.7	18.6	13.6	13.6	-37.5
20:44:30	27 33.5	-84 11.6	99.2	91.3	134.9	1648	18.0	-34.4	-32.2	97.3	103.9	-0.0	-8.3	50.0	50.0	60.7
20:44:30	27 33.5	-84 11.6	306.5	336.7	1500	1653	28.0	0.2	0.1	95.9	102.0	-0.5	240.7	124.4	4.4	136.3
20:45:00	27 36.7	-84 8.4	98.2	93.3	135.5	1643	48.0	0.1	-0.2	840.3	97.4	27.8	18.9	11.3	11.3	-23.9
20:45:00	27 33.9	-84 8.9	99.2	91.6	135.1	1632	340.7	0.2	-0.3	845.7	97.4	27.6	18.4	13.7	13.7	-37.4
20:45:00	27 35.0	-84 9.8	99.5	91.4	135.1	1647	17.8	-34.6	-32.2	97.9	104.5	-0.0	-8.4	50.0	50.0	61.6
20:45:00	27 35.0	-84 9.8	306.4	336.7	1499	1652	28.1	-0.3	-0.1	96.5	102.6	-0.5	241.4	122.6	4.6	136.7
20:45:30	27 38.3	-84 6.6	98.5	93.1	135.6	1641	48.0	0.1	-0.1	840.3	96.8	28.0	19.1	11.0	11.0	-23.7
20:45:30	27 35.4	-84 7.1	99.6	91.5	135.2	1631	340.7	0.3	-0.2	845.7	96.7	27.9	18.7	13.2	13.2	-37.3
20:45:30	27 36.4	-84 8.0	99.9	91.3	135.3	1647	18.1	-34.1	-32.3	97.2	103.9	-0.0	-8.3	50.0	50.0	59.6
20:45:30	27 36.4	-84 8.0	306.6	336.5	1499	1652	28.2	-0.8	-0.2	95.9	101.9	-0.5	240.7	127.7	4.0	136.3
20:46:00	27 39.8	-84 4.8	98.5	93.2	135.6	1642	48.2	0.1	-0.4	840.2	97.5	27.9	19.0	11.6	11.6	-37.3
20:46:00	27 36.9	-84 5.3	99.6	91.5	135.3	1633	340.9	0.2	-0.4	845.6	97.5	27.7	18.5	13.8	13.8	-37.3
20:46:00	27 37.9	-84 6.1	99.9	91.3	135.4	1657	17.8	-35.4	-32.5	98.0	104.6	-0.0	-8.4	50.0	50.0	62.7
20:46:00	27 37.9	-84 6.1	306.4	337.5	1500	1653	28.3	-0.2	-0.0	96.6	102.7	-0.5	241.6	124.1	4.7	136.8

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:46:30	27 41.3	-84 3.0	97.6	94.0	135.5	1642	48.2	0.0	-0.5	840.1	98.9	28.1	19.1	10.3	10.3	-23.6
20:46:30	27 38.4	-84 3.5	98.7	92.2	135.1	1632	341.0	0.1	-0.5	845.6	98.9	28.0	18.6	12.6	12.6	-37.0
20:46:30	27 39.4	-84 4.3	99.0	92.1	135.2	1655	18.0	-36.7	-32.9	99.3	106.0	-0.0	-8.5	50.0	50.0	56.8
20:46:30	27 39.4	-84 4.3	306.6	335.0	1500	1653	28.4	-0.5	-0.2	98.0	104.2	-0.5	243.3	116.6	6.3	137.7
20:47:00	27 42.8	-84 1.2	97.1	93.9	135.0	1643	47.9	0.0	-0.2	840.2	98.8	28.1	19.0	11.0	11.0	-27.2
20:47:00	27 39.9	-84 1.7	98.3	92.1	134.7	1632	340.7	0.1	-0.3	845.6	98.8	27.9	18.6	13.2	13.2	-37.3
20:47:00	27 40.9	-84 2.5	98.5	92.0	134.8	1654	17.9	-36.3	-33.1	99.3	105.9	-0.0	-8.5	50.0	50.0	59.9
20:47:00	27 40.9	-84 2.5	306.5	336.3	1500	1652	28.4	-0.1	-0.1	97.9	104.1	-0.5	243.1	112.1	6.1	137.6
20:47:30	27 44.3	-83 59.4	96.6	93.7	134.6	1643	48.1	0.1	-0.4	840.2	99.0	28.4	19.3	10.2	10.2	-23.3
20:47:30	27 41.4	-83 59.9	97.9	91.9	134.3	1632	340.8	0.2	-0.5	845.6	98.9	28.2	18.9	12.3	12.3	-37.2
20:47:30	27 42.4	-84 0.7	98.1	91.9	134.4	1654	18.3	-35.7	-32.8	99.4	106.1	-0.0	-8.5	50.0	50.0	55.6
20:47:30	27 42.4	-84 0.7	306.8	335.1	1500	1652	28.3	-0.5	-0.1	98.1	104.2	-0.5	243.3	109.7	6.8	137.8
20:48:00	27 45.9	-83 57.7	96.3	93.6	134.3	1644	48.0	-0.0	-0.3	840.1	98.8	28.4	19.3	10.1	10.1	-37.3
20:48:00	27 42.9	-83 58.1	97.6	91.7	133.9	1634	340.7	0.1	-0.4	845.5	98.8	28.2	18.9	12.4	12.4	-37.1
20:48:00	27 43.9	-83 58.9	97.8	91.7	134.1	1653	18.3	-36.3	-33.1	99.3	105.9	-0.0	-8.5	50.0	50.0	55.5
20:48:00	27 43.9	-83 59.0	306.8	335.1	1501	1653	28.6	0.1	0.0	97.9	104.1	-0.5	243.1	107.4	6.8	137.7
20:48:30	27 47.4	-83 55.9	96.2	93.4	134.1	1644	47.9	-0.0	-0.3	840.1	98.5	28.4	19.4	10.0	10.0	-23.6
20:48:30	27 44.4	-83 56.3	97.5	91.6	133.8	1633	340.7	0.1	-0.4	845.5	98.5	28.3	18.9	12.3	12.3	-37.4
20:48:30	27 45.4	-83 57.2	97.8	91.6	133.9	1646	18.4	-35.9	-33.1	98.9	105.6	-0.0	-8.5	50.0	50.0	54.7
20:48:30	27 45.4	-83 57.2	306.9	334.9	1500	1652	28.5	-0.7	-0.2	97.6	103.7	-0.5	242.7	105.8	6.5	137.5
20:49:00	27 48.9	-83 54.2	96.6	92.8	134.0	1643	47.7	0.0	-0.2	840.3	97.9	28.1	19.1	10.8	10.8	-23.6
20:49:00	27 45.8	-83 54.6	97.9	91.0	133.7	1630	340.5	0.1	-0.3	845.6	97.8	27.9	18.7	13.0	13.0	-37.5
20:49:00	27 46.9	-83 55.4	98.2	91.0	133.9	1644	18.1	-35.4	-32.9	98.3	104.9	-0.0	-8.4	50.0	50.0	58.7
20:49:00	27 46.9	-83 55.4	306.6	336.0	1500	1650	28.4	0.2	0.1	97.0	103.1	-0.5	242.0	104.0	5.5	137.0
20:49:30	27 50.4	-83 52.4	96.9	92.5	133.9	1641	47.9	0.1	-0.3	840.3	97.2	28.1	19.2	10.7	10.7	-23.4
20:49:30	27 47.3	-83 52.8	98.2	90.6	133.7	1631	340.6	0.2	-0.4	845.6	97.2	27.9	18.7	12.9	12.9	-37.3
20:49:30	27 48.3	-83 53.6	98.5	90.6	133.9	1642	18.2	-35.1	-33.0	97.7	104.3	-0.0	-8.4	50.0	50.0	58.2
20:49:30	27 48.3	-83 53.6	306.7	336.0	1499	1650	28.4	0.3	0.1	96.3	102.4	-0.5	241.2	107.6	5.3	136.6
20:50:00	27 51.9	-83 50.6	96.9	92.4	134.0	1642	48.0	0.1	-0.4	840.3	96.9	28.3	19.4	10.2	10.2	-23.9
20:50:00	27 48.8	-83 51.0	98.3	90.6	133.7	1631	340.7	0.2	-0.5	845.6	96.9	28.2	19.0	12.4	12.4	-37.4
20:50:00	27 49.8	-83 51.8	98.6	90.6	133.9	1638	18.4	-34.6	-32.7	97.4	104.0	-0.0	-8.3	50.0	50.0	55.5
20:50:00	27 49.8	-83 51.8	306.9	335.3	1499	1649	28.5	-0.7	-0.3	96.1	102.1	-0.5	240.9	108.9	5.2	136.4
20:50:30	27 53.4	-83 48.9	97.0	92.4	134.0	1641	47.9	0.1	-0.1	840.4	96.4	28.3	19.5	10.1	10.1	-24.0
20:50:30	27 50.2	-83 49.2	98.4	90.5	133.7	1630	340.6	0.3	-0.1	845.7	96.4	28.1	19.0	12.4	12.4	-37.3
20:50:30	27 51.3	-83 50.0	98.6	90.6	133.9	1633	18.4	-34.1	-32.7	96.9	103.5	-0.0	-8.3	50.0	50.0	54.9
20:50:30	27 51.3	-83 50.0	306.9	335.1	1499	1648	28.5	-0.5	-0.2	95.6	101.6	-0.5	240.3	110.8	4.7	136.1
20:51:00	27 54.9	-83 47.1	97.1	92.5	134.1	1642	47.9	0.1	-0.3	840.3	96.8	28.2	19.3	10.1	10.1	-1.1
20:51:00	27 51.7	-83 47.4	98.6	90.6	133.9	1631	340.6	0.2	-0.4	845.6	96.8	28.0	18.8	12.4	12.4	-1.3
20:51:00	27 52.7	-83 48.2	98.8	90.7	134.1	1633	18.2	-34.9	-32.6	97.3	103.8	-0.0	-8.3	50.0	50.0	55.6
20:51:00	27 52.7	-83 48.2	306.8	335.0	1499	1649	28.5	0.7	0.3	95.9	102.0	-0.5	240.7	111.5	4.9	136.3

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:51:30	27 56.4	-83 45.3	96.9	92.9	134.3	1641	48.0	0.1	-0.3	840.3	97.0	27.9	19.1	10.6	10.6	0.1
20:51:30	27 53.2	-83 45.6	98.4	91.0	134.0	1631	340.7	0.2	-0.5	845.6	97.0	27.8	18.6	13.0	13.0	0.1
20:51:30	27 54.2	-83 46.4	98.6	91.2	134.3	1633	17.9	-34.8	-32.6	97.5	104.1	-0.0	-8.3	50.0	50.0	58.3
20:51:30	27 54.2	-83 46.4	306.5	335.6	1499	1648	28.6	-0.1	0.0	96.1	102.2	-0.5	241.0	114.5	5.5	136.4
20:52:00	27 57.9	-83 43.5	97.2	93.1	134.6	1640	48.0	0.1	-0.4	840.3	96.6	27.7	18.9	11.4	11.4	0.1
20:52:00	27 54.7	-83 43.8	98.7	91.2	134.3	1631	340.7	0.3	-0.5	845.7	96.6	27.5	18.4	13.5	13.5	0.1
20:52:00	27 55.7	-83 44.6	98.9	91.3	134.6	1634	17.9	-34.4	-32.7	97.1	103.7	-0.0	-8.3	50.0	50.0	62.3
20:52:00	27 55.3	-83 45.1	306.3	336.9	1499	1648	28.6	0.3	0.1	95.7	101.8	-0.5	240.5	120.3	5.2	136.1
20:52:30	27 58.9	-83 41.5	130.8	7.7	131.1	1644	87.4*	-0.0	14.5*	839.7	95.9	27.5	18.7	11.5	11.5	0.1
20:52:30	27 55.7	-83 41.7	132.5	5.8	132.6	1634	20.0*	0.1	14.5*	845.4	95.9	27.3	18.2	13.8	13.8	0.1
20:52:30	27 56.7	-83 42.5	132.6	6.7	132.7	1637	18.1	-33.7	-31.9	96.4	103.0	-0.0	-8.2	50.0	50.0	63.6
20:52:30	27 56.7	-83 42.5	306.2	337.0	1501	1650	28.5	-1.5	0.1	95.0	101.3	-0.5	239.6	121.2	5.4	135.6
20:53:00	27 58.9	-83 39.1	131.4	-4.1	131.4	1642	92.2	0.1	0.5	840.3	96.4	27.7	18.9	11.0	11.0	0.1
20:53:00	27 55.7	-83 39.3	133.0	-6.0	133.2	1632	24.8	0.2	0.4	845.6	96.3	27.5	18.4	13.3	13.3	0.1
20:53:00	27 56.7	-83 40.1	133.1	-5.8	133.3	1641	17.8	-34.9	-32.1	97.1	103.4	-0.0	-8.3	50.0	50.0	60.7
20:53:00	27 56.7	-83 40.1	306.3	336.3	1500	1649	28.4	2.1	0.7	95.5	101.6	-0.5	240.2	116.5	4.9	136.0
20:53:30	27 58.9	-83 36.7	131.6	-5.3	131.7	1640	92.8	0.2	-0.2	840.4	96.6	27.7	18.8	9.9	9.9	0.1
20:53:30	27 55.5	-83 36.8	133.3	-7.1	133.5	1631	25.4	0.3	-0.3	845.7	96.6	27.5	18.4	12.9	12.9	0.1
20:53:30	27 56.6	-83 37.6	133.3	-6.9	133.5	1641	17.7	-34.4	-32.1	97.1	103.7	-0.0	-8.3	50.0	50.0	56.4
20:53:30	27 56.6	-83 37.6	306.3	334.0	1499	1648	28.5	-0.5	-0.1	95.7	101.7	-0.5	240.5	116.4	4.7	136.1
20:54:00	27 59.3	-83 34.4	121.7	54.6	133.3	1639	67.2	0.0	-3.2	840.7	96.4	27.6	18.8	11.0	11.0	0.1
20:54:00	27 55.9	-83 34.5	123.3	52.7	134.0	1628	360.0	0.2	-3.3	845.9	96.3	27.4	18.3	13.6	13.6	0.1
20:54:00	27 57.0	-83 35.3	123.4	52.8	134.2	1641	17.7	-34.0	-31.6	96.7	103.5	-0.0	-8.3	50.0	50.0	61.1
20:54:00	27 57.0	-83 35.3	306.2	336.0	1496	1645	28.3	-2.9	-0.9	95.5	101.4	-0.5	240.2	120.0	4.2	135.9
20:54:30	28 0.3	-83 32.2	115.8	67.6	134.1	1643	60.9	0.0	-2.6*	840.3	96.9	27.5	18.6	11.5	11.5	0.1
20:54:30	27 56.9	-83 32.3	117.4	65.7	134.5	1632	353.7	0.2	-2.7*	845.6	96.9	27.3	18.1	13.7	13.7	0.1
20:54:30	27 57.9	-83 33.1	117.5	65.9	134.7	1644	17.5	-34.3	-32.0	97.4	104.0	-0.0	-8.3	50.0	50.0	63.9
20:54:30	27 57.9	-83 33.1	306.0	336.9	1499	1650	28.2	-0.7	-0.2	96.1	102.1	-0.5	240.9	117.1	4.0	136.3
20:55:00	28 1.7	-83 30.3	99.3	92.7	135.9	1643	48.5	-0.0	-1.3	840.4	97.9	27.5	18.6	11.5	11.5	0.1
20:55:00	27 58.3	-83 30.3	100.9	90.8	135.7	1632	341.3	0.1	-1.3	845.7	97.9	27.3	18.1	13.8	13.8	0.1
20:55:00	27 59.3	-83 31.1	101.0	91.1	136.0	1642	17.5	-35.9	-32.4	98.3	105.0	-0.0	-8.4	50.0	50.0	63.9
20:55:00	27 59.3	-83 31.1	306.0	336.7	1499	1650	28.3	-1.2	-0.4	97.0	103.1	-0.5	242.1	124.1	4.4	136.9
20:55:30	28 3.2	-83 28.5	100.4	91.4	135.8	1643	48.9	0.1	0.1	840.3	98.3	27.1	18.2	12.7	12.7	0.1
20:55:30	27 59.7	-83 28.5	102.0	89.6	135.7	1631	341.6	0.2	0.0	845.8	98.3	27.0	17.7	14.8	14.8	0.1
20:55:30	28 0.8	-83 29.3	102.0	90.0	136.0	1647	17.2	-35.8	-32.7	98.7	105.4	-0.0	-8.4	50.0	50.0	71.0
20:55:30	28 0.8	-83 29.3	305.6	338.7	1498	1650	28.3	-0.9	-0.3	97.4	103.5	-0.5	242.5	119.2	3.9	137.1
20:56:00	28 4.6	-83 26.6	101.1	90.4	135.6	1643	49.5	0.0	-0.2	840.3	97.4	26.9	18.1	13.0	13.0	0.1
20:56:00	28 1.2	-83 26.6	102.7	88.5	135.6	1633	342.2	0.2	-0.2	845.6	97.4	26.8	17.6	15.3	15.3	0.1
20:56:00	28 2.2	-83 27.4	102.7	88.9	135.9	1646	17.1	-35.8	-33.0	97.9	104.4	-0.0	-8.4	50.0	50.0	72.7
20:56:00	28 2.2	-83 27.4	305.5	339.2	1500	1651	28.2	0.4	0.1	96.5	102.5	-0.5	241.4	126.5	4.0	136.5

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:56:30	28 6.1	-83 24.8	102.1	89.3	135.6	1645	49.8	0.1	-0.2	840.2	98.9	27.1	18.1	12.1	12.1	0.1
20:56:30	28 2.6	-83 24.7	103.6	87.5	135.6	1634	342.6	0.2	-0.3	845.6	98.9	27.0	17.7	14.5	14.5	0.1
20:56:30	28 3.7	-83 25.5	103.7	87.9	135.9	1642	17.1	-36.5	-32.7	99.4	106.0	-0.0	-8.5	50.0	50.0	68.3
20:56:30	28 3.6	-83 25.5	305.6	337.5	1499	1652	28.4	-0.3	-0.1	98.0	104.1	-0.5	243.2	109.3	3.7	137.5
20:57:00	28 7.6	-83 23.0	86.6	105.0	136.1	1647	40.9	-0.1	-2.8	840.2	99.1	27.3	18.3	11.5	11.5	0.1
20:57:00	28 4.1	-83 22.9	88.1	103.2	135.7	1635	333.6	0.0	-2.9	845.6	99.1	27.1

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:01:30	28 20.9	-83 9.1	117.3	45.5	125.8	1632	68.8*	0.8	27.4*	842.0	87.4	27.1	19.0	12.0	12.0	0.1
21:01:30	28 17.2	-83 8.8	118.7	44.0	126.6	1620	1.4*	0.9	27.3*	847.9	87.4	26.9	18.6	13.9	13.9	0.1
21:01:30	28 18.3	-83 9.6	118.1	46.4	126.9	1635	18.3	-19.6	-24.9	87.8	94.7	-0.0	-7.5	50.0	50.0	64.1
21:01:30	28 18.2	-83 9.8	306.3	338.0	1477	1628	27.2	-5.8	-1.2	86.9	92.8	-0.5	229.1	73.2	3.8	129.6
21:02:00	28 20.6	-83 7.0	102.9	-67.1	122.9	1626	120.3*	0.7	13.5*	843.0	80.0	25.7	18.4	13.5	13.5	0.1
21:02:00	28 16.8	-83 6.6	104.5	-68.5	125.0	1615	53.0*	0.9	13.4*	848.2	80.0	25.5	17.9	15.7	15.7	0.1
21:02:00	28 18.0	-83 7.4	104.6	-67.6	124.6	1629	17.7	-20.2	-23.7	81.1	86.9	-0.0	-6.9	50.0	50.0	74.1
21:02:00	28 18.2	-83 9.8	305.5	340.4	1474	1628	26.9	3.3	1.4	79.5	84.7	-0.5	219.4	46.4	4.5	124.0
21:02:30	28 19.0	-83 5.8	16.4	-122.0	123.1	1582	170.5*	-1.1	18.6	847.7	74.4	25.4	18.5	14.1	14.1	0.1
21:02:30	28 15.2	-83 5.4	17.9	-123.6	124.9	1569	103.1*	-0.9	18.5	852.3	74.4	25.1	18.1	16.3	16.3	0.1
21:02:30	28 16.4	-83 6.2	19.2	-122.8	124.3	1585	17.8	-3.8	-14.6	74.5	80.9	-0.0	-6.4	50.0	50.0	76.0
21:02:30	28 16.4	-83 6.2	305.3	341.2	1435	1583	27.6	-2.8	-0.4	74.3	78.6	-0.5	211.8	40.0	5.6	119.5
21:03:00	28 17.2	-83 6.1	-38.8	-93.3	101.1	1671	201.4	10.1	6.2	839.7	45.8	23.4	19.1	11.0	11.0	0.1
21:03:00	28 13.3	-83 5.7	-37.3	-94.8	101.9	1662	134.0	10.2	6.1	843.0	45.8	23.0	18.6	13.7	13.7	0.1
21:03:00	28 14.5	-83 6.5	-37.3	-94.4	101.5	1674	17.9	4.8	-7.4	47.1	51.4	-0.0	-4.1	50.0	50.0	59.8
21:03:00	28 14.5	-83 6.5	306.8	336.7	1525	1667	27.7	-1.1	-0.1	45.8	48.7	-0.5	167.0	36.8	7.5	94.8
21:03:30	28 15.7	-83 6.9	-17.7	-101.6	103.1	1879	184.7*	2.7*	-36.7*	821.0	46.3	21.6	17.1	11.2	11.2	0.1
21:03:30	28 11.8	-83 6.4	-16.1	-103.0	104.3	1866	117.5*	2.8*	-36.8*	823.1	46.3	21.0	16.5	13.4	13.4	0.0
21:03:30	28 13.0	-83 7.2	-18.6	-102.1	103.8	1878	14.9	13.5	-2.9	46.9	51.7	-0.0	-4.2	50.0	50.0	68.9
21:03:30	28 13.0	-83 7.2	306.8	338.0	1719	1875	25.4	-3.9	-1.4	46.3	47.9	-0.5	167.9	51.2	9.6	96.2
21:04:00	28 14.3	-83 5.8	79.5	-82.2	114.3	1624	133.0*	0.7	14.8*	843.5	69.2	24.4	18.0	14.7	14.7	0.1
21:04:00	28 10.4	-83 5.4	80.9	-83.5	116.3	1613	65.7*	0.9	14.7*	847.9	69.2	24.1	17.5	16.6	16.6	0.1
21:04:00	28 11.6	-83 6.2	81.7	-81.9	115.7	1629	17.3	-1.0	-13.1	69.7	75.7	-0.0	-6.0	50.0	50.0	82.2
21:04:00	28 11.6	-83 6.2	305.2	342.8	1478	1624	27.8	0.2	0.7	69.2	73.0	-0.5	204.5	57.2	5.8	115.6
21:04:30	28 13.1	-83 4.4	84.1	-65.7	106.7	1526	123.8*	-2.5	4.3	853.5	66.8	24.8	18.7	13.6	13.6	0.1
21:04:30	28 9.2	-83 3.9	85.5	-66.9	108.6	1514	56.5*	-2.4	4.2	857.6	66.8	24.5	18.2	15.8	15.8	0.1
21:04:30	28 10.4	-83 4.8	85.2	-66.3	108.0	1532	17.7	-5.4	-13.1	68.1	72.8	-0.0	-5.8	50.0	50.0	73.0
21:04:30	28 10.4	-83 4.8	304.9	339.5	1385	1527	27.7	14.5	5.1	66.7	70.5	-0.5	200.9	89.9	7.8	113.1
21:05:00	28 12.0	-83 2.9	81.7	-67.6	106.0	1326	124.3*	-1.8	0.5*	873.4	66.3	26.6	20.5	15.2	15.2	0.1
21:05:00	28 8.1	-83 2.4	83.0	-68.8	107.8	1316	57.0*	-1.7	0.3*	877.3	66.3	26.3	20.2	17.6	17.6	0.1
21:05:00	28 9.3	-83 3.2	82.8	-68.1	107.2	1336	19.6	-5.2	-15.3	66.9	72.7	-0.0	-5.6	50.0	50.0	72.2
21:05:00	28 9.3	-83 3.2	304.9	342.5	1199	1330	27.5	3.2	2.1	66.3	70.0	-0.5	200.2	70.2	10.5	111.8
21:05:30	28 10.8	-83 1.5	76.8	-71.0	104.6	1095	127.5	-3.8*	-0.2	897.0	69.1	28.7	22.5	13.3	13.3	0.1
21:05:30	28 6.9	-83 0.9	78.1	-72.1	106.3	1089	60.1	-3.6*	-0.3	900.9	69.1	28.4	22.1	15.5	15.5	0.1
21:05:30	28 8.2	-83 1.8	77.9	-71.3	105.6	1106	21.4	-5.8	-16.1	68.9	75.1	-0.0	-5.7	50.0	50.0	56.0
21:05:30	28 8.2	-83 1.8	304.6	336.9	980	1101	28.7	-6.5	-0.9	69.0	72.5	-0.5	204.3	77.3	13.3	112.9
21:06:00	28 9.5	-83 0.1	54.4	-96.6	110.8	850	144.8*	2.7	12.5	921.0	71.3	30.3	24.1	14.9	14.9	0.1
21:06:00	28 5.6	-82 59.6	55.7	-97.7	112.4	850	77.5*	2.8	12.5	926.3	71.3	30.1	23.8	17.0	17.0	0.0
21:06:00	28 6.9	-83 0.4	55.8	-97.1	111.9	863	23.1	-19.1	-22.8	74.2	78.4	-0.0	-5.7	50.0	50.0	56.6
21:06:00	28 6.9	-83 0.4	303.8	338.6	750	857	28.5	21.0	7.6	70.8	76.3	-0.5	207.5	79.2	7.2	113.5

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:06:30	28 7.9	-82 59.4	28.6	-100.4	104.4	829	160.2	1.7*	6.0*	923.9	62.0	29.9	24.4	13.0	13.0	0.1
21:06:30	28 4.0	-82 58.8	29.8	-101.4	105.7	829	92.9	1.8*	5.9*	928.1	62.1	29.6	24.0	15.0	15.0	0.1
21:06:30	28 5.2	-82 59.7	30.0	-100.6	105.0	843	23.0	-3.5	-14.9	63.7	68.5	-0.0	-5.0	50.0	50.0	48.9
21:06:30	28 5.2	-82 59.7	304.0	334.7	734	839	28.5	8.6	3.6	61.9	65.4	-0.5	193.9	90.4	5.2	106.0
21:07:00	28 6.3	-82 58.9	33.7	-97.1	102.8	847	158.3*	-0.4	-4.4*	922.5	60.7	29.6	24.2	11.8	11.8	0.1
21:07:00	28 2.3	-82 58.3	34.9	-98.1	104.1	847	90.9*	-0.3	-4.5*	926.2	60.7	29.3	23.9	13.9	13.9	0.1
21:07:00	28 3.6	-82 59.1	34.2	-97.3	103.2	860	23.2	-4.9	-13.8	62.5	66.8	-0.0	-4.9	50.0	50.0	45.6
21:07:00	28 3.6	-82 59.1	304.0	332.4	752	857	28.8	14.1	4.1	60.6	63.7	-0.5	191.8	130.1	2.5	104.9
21:07:30	28 4.7	-82 58.2	41.2	-109.6	117.0	631	157.4*	-2.5	2.3*	944.1	77.4	31.5	24.9	14.7	14.7	0.1
21:07:30	28 0.7	-82 57.6	42.3	-110.5	118.3	638	90.1*	-2.3	2.2*	948.9	77.5	31.3	24.6	16.6	16.6	0.1
21:07:30	28 1.9	-82 58.4	42.1	-109.7	117.5	653	23.9	-20.3	-23.1	79.0	84.4	-0.0	-6.0	50.0	50.0	53.0
21:07:30	28 2.0	-82 58.4	302.5	335.8	550	649	29.3	8.9	4.0	77.1	82.1	-0.5	216.0	62.5	1.8	116.9
21:08:00	28 2.8	-82 57.5	37.9	-108.4	114.8	519	158.6	0.9	-1.2	956.3	76.2	32.6	26.2	14.8	14.8	0.1
21:08:00	27 58.8	-82 56.8	39.0	-109.2	115.9	528	91.4	1.1	-1.2	961.1	76.3	32.4	25.8	17.2	17.2	0.1
21:08:00	28 0.1	-82 57.7	38.7	-108.7	115.4	537	24.9	-18.3	-22.4	77.4	83.2	-0.0	-5.9	50.0	50.0	49.5
21:08:00	28 0.1	-82 57.7	302.7	335.9	444	533	29.4	2.4	0.9	75.9	80.5	-0.5	214.4	83.0	3.1	115.5
21:08:30	28 1.2	-82 56.8	36.3	-100.8	107.1	508	158.7	1.8	1.5*	957.9	65.2	32.3	26.8	14.3	14.3	0.1
21:08:30	27 57.1	-82 56.1	37.2	-101.6	108.2	516	91.4	2.0	1.4*	961.6	65.2	32.1	26.4	16.1	16.1	0.0
21:08:30	27 58.5	-82 57.0	37.1	-100.9	107.5	526	25.7	-7.6	-16.3	66.1	71.2	-0.0	-5.1	50.0	50.0	46.2
21:08:30	27 58.5	-82 57.0	303.3	335.6	439	521	29.7	4.5	1.9	65.1	68.4	-0.5	198.6	68.6	1.3	107.2
21:09:00	27 59.5	-82 56.1	39.6	-101.1	108.6	511	157.8	1.2	0.8	957.5	66.3	31.0	25.4	18.9	18.9	0.1
21:09:00	27 55.5	-82 55.4	40.5	-101.8	109.6	520	90.5	1.3	0.7	961.1	66.4	30.8	25.0	21.0	21.0	0.1
21:09:00	27 56.8	-82 56.2	40.3	-101.1	108.8	531	24.5	-9.9	-16.5	66.9	72.3	-0.0	-5.1	50.0	50.0	67.6
21:09:00	27 56.8	-82 56.3	302.0	344.8	443	525	29.5	0.2	1.6	66.2	69.4	-0.5	200.3	25.1	1.1	107.9
21:09:30	27 57.9	-82 55.3	44.2	-103.3	112.4	498	155.8	1.7	3.2	958.7	67.7	30.2	24.5	20.9	20.9	0.1
21:09:30	27 53.8	-82 54.6	45.0	-103.9	113.2	507	88.5	1.8	3.1	962.6	67.7	29.9	24.1	23.1	23.1	0.1
21:09:30	27 55.2	-82 55.5	45.0	-103.2	112.6	516	23.5	-8.0	-15.7	68.3	73.9	-0.0	-5.2	50.0	50.0	81.2
21:09:30	27 55.2	-82 55.5	300.9	349.2	431	513	29.3	1.4	0.5	67.5	70.9	-0.5	202.2	355.3	3.8	108.8
21:10:00	27 56.2	-82 54.5	46.0	-103.4	113.1	513	156.2	1.9	-2.1	957.3	69.7	31.2	25.4	19.6	19.6	0.1
21:10:00	27 52.1	-82 53.8	46.7	-103.9	113.9	522	88.9	2.0	-2.2	961.0	69.7	31.0	25.0	22.2	22.2	0.1
21:10:00	27 53.5	-82 54.7	46.5	-103.2	113.2	527	24.3	-9.9	-17.6	70.0	76.0	-0.0	-5.4	50.0	50.0	70.8
21:10:00	27 53.5	-82 54.7	301.9	346.6	444	527	29.4	-4.5	-0.4	69.5	72.8	-0.5	205.2	331.3	2.6	110.6
21:10:30	27 54.5	-82 53.6	45.8	-105.2	114.7	511	156.8	1.4	1.1*	957.4	70.5	31.4	25.5	20.3	20.3	0.1
21:10:30	27 50.4	-82 52.9	46.5	-105.6	115.4	520	89.5	1.5	1.0*	961.2	70.5	31.2	25.1	22.4	22.4	0.0
21:10:30	27 51.8	-82 53.8	46.5	-104.9	114.8	529	24.4	-12.1	-19.9	70.8	76.8	-0.0	-5.5	50.0	50.0	73.7
21:10:30	27 51.8	-82 53.8	302.0	348.8	443	525	29.4	-3.5	0.0	70.3	73.8	-0.5	206.3	325.2	3.6	111.2
21:11:00	27 52.8	-82 52.8	45.1	-106.0	115.2	516	157.4	0.9	0.1*	956.8	71.5	31.4	25.4	20.5	20.5	0.1
21:11:00	27 48.7	-82 52.1	45.8	-106.3	115.8	525	90.0	1.0	-0.1*	960.6	71.5	31.2	25.0	22.6	22.6	0.1
21:11:00	27 50.1	-82 52.9	45.6	-105.6	115.0	533	24.3	-14.3	-20.3	71.9	77.6	-0.0	-5.5	50.0	50.0	75.0
21:11:00	27 50.1	-82 52.9	302.0	349.3	448	531	29.3	-2.5	0.4	71.2	74.8	-0.5	207.7	318.3	3.4	112.0

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:11:30	27 51.1	-82 52.0	43.1	-107.4	115.7	514	158.7	1.3	1.5*	956.8	72.8	31.1	25.0	19.7	19.7	0.1
21:11:30	27 47.0	-82 51.2	43.7	-107.7	116.2	523	91.4	1.5	1.4*	960.7	72.8	30.9	24.7	22.2	22.2	0.1
21:11:30	27 48.4	-82 52.1	43.6	-106.9	115.5	531	24.1	-14.0	-21.3	73.2	79.3	-0.0	-5.6	50.0	50.0	73.4
21:11:30	27 48.4	-82 52.1	301.5	346.6	447	530	29.2	-1.9	0.6	72.5	76.3	-0.5	209.6	309.4	3.3	112.9
21:12:00	27 49.3	-82 51.1	60.8	-100.0	117.1	510	148.9*	0.7*	-17.9	957.9	72.3	31.4	25.3	18.9	18.9	0.1
21:12:00	27 45.2	-82 50.4	61.3	-100.2	117.5	518	81.6*	0.8*	-17.9	961.2	72.4	31.2	25.0	21.8	21.8	0.1
21:12:00	27 46.6	-82 51.2	60.2	-100.0	116.7	527	24.1	-11.7	-20.3	72.3	78.7	-0.0	-5.6	50.0	50.0	68.2
21:12:00	27 46.6	-82 51.3	301.8	344.6	443	526	29.4	-7.1	-1.3	72.1	75.2	-0.5	208.9	333.4	4.5	112.6
21:12:30	27 48.0	-82 49.6	93.1	-72.0	117.7	495	127.1	1.4	-0.7	958.8	72.3	32.2	26.1	16.2	16.2	0.1
21:12:30	27 43.9	-82 48.8	93.5	-72.1	118.1	505	59.8	1.5	-0.8	962.6	72.3	32.1	25.9	19.2	19.2	0.1
21:12:30	27 45.3	-82 49.7	93.5	-71.4	117.6	514	25.1	-11.8	-20.6	72.6	78.9	-0.0	-5.6	50.0	50.0	54.3
21:12:30	27 45.3	-82 49.7	302.6	338.7	431	512	29.1	-2.4	0.4	72.1	75.5	-0.5	208.9	318.6	5.3	112.5
21:13:00	27 46.9	-82 47.9	91.9	-73.7	117.8	509	127.7	1.1	-0.5*	957.6	69.9	31.9	26.0	18.1	18.1	0.1
21:13:00	27 42.8	-82 47.1	92.2	-73.7	118.1	517	60.4	1.2	-0.6*	961.3	69.9	31.7	25.7	20.7	20.7	0.0
21:13:00	27 44.2	-82 48.0	92.0	-73.0	117.5	521	24.9	-12.4	-21.3	70.3	76.2	-0.0	-5.4	50.0	50.0	62.1
21:13:00	27 44.2	-82 48.0	302.5	343.4	442	524	29.6	-2.9	0.1	69.7	73.2	-0.5	205.5	324.0	7.3	110.8
21:13:30	27 45.7	-82 46.2	98.8	-63.7	117.5	516	120.8*	1.3	-8.7*	957.0	71.9	31.9	25.8	18.7	18.7	0.1
21:13:30	27 41.5	-82 45.4	99.0	-63.6	117.7	525	53.5*	1.5	-8.7*	960.6	72.0	31.0	24.8	21.2	21.2	0.1
21:13:30	27 43.0	-82 46.3	98.6	-63.4	117.3	532	24.6	-11.8	-20.4	72.6	78.4	-0.0	-5.6	50.0	50.0	65.1
21:13:30	27 43.0	-82 46.3	302.4	344.8	448	532	29.8	2.0	1.5	71.8	75.1	-0.5	208.4	332.8	6.0	112.4
21:14:00	27 44.7	-82 44.3	103.5	-58.8	119.0	501	118.2	1.1	-0.2*	958.3	73.8	32.3	26.1	15.6	15.6	0.1
21:14:00	27 40.6	-82 43.6	103.7	-58.7	119.1	510	50.9	1.3	-0.2*	962.2	73.9	32.1	25.7	17.9	17.9	0.1
21:14:00	27 42.0	-82 44.4	103.6	-58.0	118.7	515	25.1	-14.5	-21.4	74.3	80.2	-0.0	-5.7	50.0	50.0	52.6
21:14:00	27 42.0	-82 44.5	302.5	337.4	434	517	30.0	0.6	1.4	73.5	77.3	-0.5	211.1	321.0	5.8	113.7
21:14:30	27 43.7	-82 42.5	105.0	-54.7	118.4	513	116.0*	1.6	-13.5	957.3	71.2	32.4	26.3	15.9	15.9	0.1
21:14:30	27 39.6	-82 41.7	105.1	-54.5	118.4	522	48.8*	1.8	-13.6	960.8	71.2	32.1	26.0	18.1	18.1	0.1
21:14:30	27 41.1	-82 42.6	104.5	-54.7	118.0	530	24.9	-10.7	-19.1	71.5	77.5	-0.0	-5.5	50.0	50.0	52.4
21:14:30	27 41.1	-82 42.6	302.9	338.4	446	529	30.4	-2.4	0.2	70.9	74.0	-0.5	207.3	319.8	7.2	111.8
21:15:00	27 43.5	-82 40.4	112.9	29.2	116.6	502	71.5*	0.7	-14.9*	958.1	74.2	32.6	26.3	15.3	15.3	0.1
21:15:00	27 39.4	-82 39.6	112.8	29.6	116.6	512	4.3*	0.8	-15.0*	961.6	74.2	32.3	25.9	17.7	17.7	0.1
21:15:00	27 40.9	-82 40.5	113.1	29.3	116.8	522	24.9	-13.8	-21.3	74.8	80.8	-0.0	-5.7	50.0	50.0	50.7
21:15:00	27 40.9	-82 40.5	302.8	337.1	439	522	29.7	1.1	-0.4	74.0	78.1	-0.5	211.6	324.3	7.7	114.0
21:15:30	27 44.6	-82 38.8	63.8	90.2	110.5	508	32.0	1.6	-3.5	957.3	72.4	32.1	26.0	15.9	15.9	0.1
21:15:30	27 40.5	-82 38.0	63.7	90.5	110.7	518	324.8	1.6	-3.7	961.0	72.4	31.9	25.7	18.1	18.1	0.1
21:15:30	27 42.0	-82 38.9	64.0	91.2	111.4	525	24.7	-15.3	-20.6	73.0	78.6	-0.0	-5.6	50.0	50.0	53.7
21:15:30	27 42.0	-82 38.9	302.6	338.1	444	527	30.0	2.4	-0.7	72.1	75.6	-0.5	209.0	325.8	5.7	112.7
21:16:00	27 46.1	-82 37.8	55.1	90.6	106.1	507	30.1*	1.4	7.2*	957.4	67.8	32.0	26.2	20.2	20.2	0.1
21:16:00	27 42.1	-82 37.0	54.9	91.1	106.3	515	322.8*	1.5	7.1*	961.6	67.8	31.7	25.8	21.4	21.4	0.1
21:16:00	27 43.5	-82 37.9	54.7	92.2	107.2	526	25.1	-9.3	-16.6	69.3	74.2	-0.0	-5.3	50.0	50.0	69.8
21:16:00	27 43.5	-82 37.9	302.7	349.3	439	524	25.8	5.7	1.3	67.6	71.4	-0.5	202.5	21.7	3.2	109.3

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:16:30	27 47.4	-82 36.6	59.3	62.1	85.9	517	41.7*	-0.8*	0.3*	957.7	46.1	30.5	26.5	18.5	18.5	0.1
21:16:30	27 43.3	-82 35.9	59.0	62.6	86.0	527	334.4*	-0.6*	0.2*	960.5	46.1	30.1	26.1	20.7	20.7	0.1
21:16:30	27 44.8	-82 36.7	59.1	63.6	86.9	535	25.2	-12.6	-14.7	46.7	50.5	-0.0	-3.6	50.0	50.0	61.5
21:16:30	27 44.8	-82 36.8	303.1	345.1	449	533	29.6	-1.8	-0.6	45.7	48.3	-0.5	167.5	10.1	5.4	90.4
21:17:00	27 48.3	-82 35.7	41.7	56.5	70.2	508	35.0	2.4	-0.5	959.2	31.3	29.4	26.7	18.8	18.8	0.1
21:17:00	27 44.2	-82 34.9	41.4	57.1	70.5	517	327.8	2.5	-0.6	961.3	31.3	29.0	26.2	20.9	20.9	0.0
21:17:00	27 45.7	-82 35.8	41.4	57.8	71.1	522	25.3	4.1	-4.9	32.5	35.4	-0.0	-2.

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:21:30	27 53.1	-82 31.1	0.7	-6.2	6.3	-6	178.3	-2.0	-1.1	1018.1	0.2	27.1	27.1	20.8	20.8	0.1
21:21:30	27 49.1	-82 30.4	-0.2	-5.1	5.1	2	111.1	-1.9	-1.2	1018.5	0.2	26.8	26.8	22.7	22.7	0.0
21:21:30	27 50.8	-82 31.3	-0.5	-4.1	4.1	9	28.6	-0.1	1.5	0.2	0.2	-0.0	-0.0	50.0	50.0	68.7
21:21:30	27 50.8	-82 31.3	298.7	343.5	-43	12	34.6	0.3	0.1	0.2	0.0	-0.0	10.0	301.4	2.0	5.3
21:22:00	27 53.0	-82 31.0	9.0	-1.9	9.2	-5	89.3	-0.9	0.0	1018.1	0.2	27.3	27.3	21.2	21.2	0.1
21:22:00	27 49.1	-82 30.3	8.0	-0.7	8.0	1	22.1	-0.7	-0.0	1018.5	0.3	27.0	27.0	22.9	22.9	0.0
21:22:00	27 50.7	-82 31.2	7.9	0.1	7.9	9	28.7	-0.1	1.5	0.2	0.2	-0.0	-0.0	50.0	50.0	69.6
21:22:00	27 50.7	-82 31.2	298.9	344.9	-44	12	34.5	-0.2	0.0	0.2	0.2	-0.0	12.4	316.6	3.6	6.5
21:22:30	27 53.0	-82 30.8	11.2	-2.0	11.4	-5	89.7	-0.8	0.1	1018.1	0.4	26.5	26.4	21.3	21.3	0.1
21:22:30	27 49.1	-82 30.2	10.2	-0.7	10.3	2	22.4	-0.7	0.0	1018.6	0.4	26.3	26.3	23.1	23.1	0.0
21:22:30	27 50.7	-82 31.0	10.2	0.0	10.2	9	28.8	-0.1	1.5	0.4	0.4	-0.0	-0.0	50.0	50.0	74.0
21:22:30	27 50.7	-82 31.0	298.0	344.2	-44	12	34.5	-0.1	0.0	0.4	0.4	-0.0	15.0	303.4	4.0	7.9
21:23:00	27 53.0	-82 30.6	11.5	-2.0	11.7	-4	89.7	-0.8	-0.0	1017.9	0.4	26.4	26.4	21.5	21.5	0.0
21:23:00	27 49.1	-82 30.0	10.4	-0.7	10.4	2	22.4	-0.7	-0.1	1018.6	0.4	26.4	26.4	23.3	23.3	0.0
21:23:00	27 50.7	-82 30.8	10.4	-0.0	10.4	11	28.7	0.2	1.5	0.4	0.5	-0.0	-0.0	50.0	50.0	74.8
21:23:00	27 50.7	-82 30.8	298.0	344.6	-45	12	34.6	-0.7	-0.2	0.4	0.6	-0.0	15.4	314.6	5.0	8.1
21:23:30	27 52.9	-82 30.4	10.2	-2.0	10.4	-4	89.4	-1.0	-0.1	1018.1	-0.2	27.8	-32767.0	20.9	20.9	0.1
21:23:30	27 49.1	-82 29.8	9.0	-0.7	9.1	2	22.0	-0.8	-0.2	1018.7	-0.1	28.1	-32767.0	22.3	22.3	0.0
21:23:30	27 50.7	-82 30.7	9.0	0.0	9.0	9	28.7	-0.1	1.5	0.0	0.0	-0.0	-32767.0	50.0	50.0	-32767.0
21:23:30	27 50.7	-82 30.7	-32767.0	-32767.0	-32767	12	34.6	-0.1	0.0	-0.2	0.3	-0.0	-32767.0	-32767.0	-32767.0	-327
21:24:00	27 52.9	-82 30.2	10.3	-2.3	10.5	-5	90.7	-0.9	-0.1	1018.3	0.3	26.8	26.7	21.5	21.5	0.1
21:24:00	27 49.1	-82 29.6	9.1	-0.9	9.1	2	23.4	-0.7	-0.2	1018.7	0.3	26.9	26.9	23.1	23.1	0.0
21:24:00	27 50.7	-82 30.5	9.1	-0.2	9.1	10	28.7	0.1	1.6	0.1	0.1	-0.0	-0.0	50.0	50.0	73.5
21:24:00	27 50.7	-82 30.5	298.3	345.1	-45	11	34.6	-0.6	-0.1	0.3	0.3	-0.0	13.0	321.6	6.8	6.8
21:24:30	27 52.9	-82 30.0	9.6	-2.1	9.9	-5	89.8	-0.9	-0.3	1018.2	0.1	27.2	27.2	21.5	21.5	0.1
21:24:30	27 49.0	-82 29.5	8.4	-0.7	8.4	2	22.5	-0.8	-0.4	1018.7	0.1	27.5	27.5	23.2	23.2	0.0
21:24:30	27 50.7	-82 30.3	8.3	0.0	8.3	11	28.7	-0.0	1.5	0.0	0.1	-0.0	-0.0	50.0	50.0	71.2
21:24:30	27 50.7	-82 30.3	298.8	345.5	-46	11	34.6	-0.9	-0.2	0.2	0.4	-0.0	8.5	309.5	8.7	4.5
21:25:00	27 52.8	-82 29.8	9.3	-2.1	9.6	-5	89.3	-1.0	-0.1	1018.3	-0.1	27.6	-32767.0	21.0	21.0	0.1
21:25:00	27 49.0	-82 29.3	8.0	-0.6	8.1	2	22.0	-0.9	-0.2	1018.8	-0.1	27.9	-32767.0	22.6	22.6	0.0
21:25:00	27 50.7	-82 30.2	8.0	0.0	8.0	9	28.8	-0.0	1.3	0.1	0.1	-0.0	-32767.0	50.0	50.0	-32767.0
21:25:00	27 50.7	-82 30.2	-32767.0	-32767.0	-32767	11	34.6	-0.1	-0.0	0.0	0.2	-0.0	-32767.0	-32767.0	-32767.0	-327
21:25:30	27 52.8	-82 29.7	9.1	-2.2	9.4	-5	89.9	-1.0	-0.2	1018.3	-0.1	27.5	-32767.0	21.1	21.1	0.1
21:25:30	27 49.0	-82 29.2	7.8	-0.7	7.8	1	22.5	-0.9	-0.3	1018.8	-0.1	27.9	-32767.0	22.8	22.8	0.0
21:25:30	27 50.7	-82 30.1	7.7	-0.1	7.7	11	28.5	-0.0	1.3	0.1	0.0	-0.0	-32767.0	50.0	50.0	-32767.0
21:25:30	27 50.7	-82 30.1	-32767.0	-32767.0	-32767	11	34.6	-0.2	0.1	-0.1	0.1	-0.0	-32767.0	-32767.0	-32767.0	-327
21:26:00	27 52.8	-82 29.5	9.1	-2.0	9.3	-5	88.6	-1.0	-0.3	1018.3	-0.1	27.5	-32767.0	21.1	21.1	0.1
21:26:00	27 49.0	-82 29.0	7.7	-0.5	7.7	2	21.3	-0.9	-0.4	1018.8	-0.1	27.8	-32767.0	22.7	22.7	0.0
21:26:00	27 50.7	-82 29.9	7.6	0.2	7.6	10	28.8	-0.0	1.2	0.1	0.0	-0.0	-32767.0	50.0	50.0	-32767.0
21:26:00	27 50.7	-82 29.9	-32767.0	-32767.0	-32767	11	34.6	-0.1	0.0	-0.1	0.2	-0.0	-32767.0	-32767.0	-32767.0	-327

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:26:30	27 52.7	-82 29.3	8.0	-2.2	8.3	-4	89.1	-0.9	0.2	1018.3	-0.1	27.4	-32767.0	21.1	21.1	0.1
21:26:30	27 49.0	-82 28.9	6.6	-0.5	6.6	2	21.8	-0.7	0.2	1018.8	-0.1	27.6	-32767.0	23.0	23.0	0.0
21:26:30	27 50.7	-82 29.8	6.6	0.1	6.6	10	28.8	-0.0	1.1	0.1	0.0	-0.0	-32767.0	50.0	50.0	-32767.0
21:26:30	27 50.7	-82 29.8	-32767.0	-32767.0	-32767	11	34.6	-0.1	0.1	-0.1	0.1	-0.0	-32767.0	-32767.0	-32767.0	-327
21:27:00	27 52.7	-82 29.2	8.6	-2.3	8.9	-5	89.8	-0.9	-0.1	1018.4	0.1	26.7	26.6	21.0	21.0	0.1
21:27:00	27 49.0	-82 28.8	7.2	-0.6	7.2	2	22.5	-0.8	-0.2	1018.8	0.1	26.7	26.6	22.8	22.8	0.1
21:27:00	27 50.7	-82 29.7	7.1	-0.0	7.1	9	28.8	-0.0	1.3	0.1	0.1	-0.0	-0.0	50.0	50.0	71.9
21:27:00	27 50.7	-82 29.7	298.2	343.6	-46	11	34.6	-0.3	-0.0	0.1	0.1	-0.0	8.3	307.7	5.6	4.4
21:27:30	27 52.7	-82 29.0	5.1	2.9	5.8	-5	33.1	-1.5	0.0	1018.3	-0.0	26.6	-32767.0	21.2	21.2	0.1
21:27:30	27 49.0	-82 28.6	3.6	4.5	5.8	2	326.0	-1.4	-0.1	1018.9	0.0	26.5	-32767.0	23.0	23.0	0.0
21:27:30	27 50.8	-82 29.5	3.5	5.0	6.1	9	28.9	0.1	1.1	0.1	0.2	-0.0	-32767.0	50.0	50.0	-32767.0
21:27:30	27 50.8	-82 29.5	-32767.0	-32767.0	-32767	11	34.7	-1.1	-0.4	0.0	0.2	-0.0	-32767.0	-32767.0	-32767.0	-327
21:28:00	27 52.7	-82 29.1	-2.0	1.5	2.5	-4	315.0	-1.2	0.7	1018.4	0.4	26.3	26.3	21.2	21.2	0.0
21:28:00	27 49.1	-82 28.7	-3.6	3.2	4.8	2	247.6	-1.1	0.5	1018.9	0.4	26.3	26.3	23.1	23.1	0.0
21:28:00	27 50.8	-82 29.6	-3.7	3.7	5.2	7	28.9	-0.2	1.3	0.4	0.5	-0.0	-0.0	50.0	50.0	74.4
21:28:00	27 50.8	-82 29.6	297.8	343.7	-47	11	34.6	-0.8	-0.3	0.3	0.4	-0.0	15.5	303.4	5.6	8.1
21:28:30	27 52.7	-82 29.1	1.3	2.3	2.6	-6	358.4	-1.5	0.3	1018.4	0.2	26.3	26.3	21.1	21.1	0.1
21:28:31	27 49.1	-82 28.7	-0.3	4.1	4.1	2	290.8	-1.3	0.2	1018.8	0.2	26.3	26.3	23.0	23.0	0.0
21:28:30	27 50.9	-82 29.6	-0.6	4.7	4.8	11	29.0	0.0	1.2	0.1	0.2	-0.0	-0.0	50.0	50.0	73.7
21:28:30	27 50.9	-82 29.6	297.9	343.5	-46	11	34.7	-0.9	-0.2	0.2	0.4	-0.0	10.2	293.8	4.9	5.3
21:29:00	27 52.8	-82 29.0	1.8	0.7	1.9	11	355.2	-1.7	0.5	1018.4	-0.2	26.8	-32767.0	20.8	20.8	0.1
21:29:01	27 49.2	-82 28.7	0.1	2.4	2.4	2	288.2	-1.6	0.4	1018.9	-0.2	26.9	-32767.0	22.5	22.5	0.0
21:29:00	27 51.0	-82 29.6	0.1	2.9	2.9	11	28.9	0.0	0.8	0.0	0.0	-0.0	-32767.0	50.0	50.0	-32767.0
21:29:00	27 51.0	-82 29.6	-32767.0	-32767.0	-32767	11	34.7	-0.1	-0.2	-0.5	0.0	-0.0	-32767.0	-32767.0	-32767.0	-327
21:29:30	27 52.7	-82 29.0	1.8	-2.3	2.9	11	317.4	-1.4	0.1	1018.5	0.0	26.9	26.9	20.7	20.7	0.1
21:29:31	27 49.2	-82 28.7	0.1	-0.5	0.5	2	250.1	-1.3	0.1	1019.0	0.1	27.0	27.0	22.2	22.2	0.0
21:29:30	27 51.0	-82 29.6	0.0	0.0	0.0	5	29.0	-0.0	1.4	0.0	0.1	-0.0	-0.0	50.0	50.0	69.2
21:29:30	27 51.0	-82 29.6	298.4	342.8	-47	11	34.7	-0.5	-0.1	0.0	0.1	-0.0	5.1	299.1	5.1	2.7
21:30:00	27 52.7	-82 28.9	1.8	-2.3	2.9	11	317.5	-1.4	0.1	1018.6	-0.0	26.8	-32767.0	20.6	20.6	0.1
21:30:01	27 49.2	-82 28.7	0.1	-0.5	0.5	2	250.2	-1.3	0.0	1019.0	-0.0	26.9	-32767.0	21.8	21.8	0.1
21:30:00	27 51.0	-82 29.6	-0.0	-0.0	0.0	4	29.0	0.0	1.3	0.0	0.1	-0.0	-32767.0	50.0	50.0	-32767.0
21:30:00	27 51.0	-82 29.6	-32767.0	-32767.0	-32767	11	34.7	-0.5	-0.1	-0.1	0.0	-0.0	-32767.0	-32767.0	-32767.0	-327
21:30:30	27 52.6	-82 28.9	1.8	-2.3	2.9	11	317.5	-1.4	0.1	1018.7	-0.1	26.9	-32767.0	20.6	20.6	0.1
21:30:31	27 49.2	-82 28.7	0.1	-0.4	0.4	2	250.2	-1.2	0.0	1019.1	-0.1	27.0	-32767.0	21.6	21.6	0.0
21:30:30	27 51.0	-82 29.6	0.0	0.0	0.0	4	29.0	0.0	1.3	0.0	0.1	-0.0	-32767.0	50.0	50.0	-32767.0
21:30:30	27 51.0	-82 29.6	-32767.0	-32767.0	-32767	10	34.7	-0.4	-0.1	-0.0	0.1	-0.0	-32767.0	-32767.0	-32767.0	-327
21:31:00	27 52.6	-82 28.9	1.9	-2.3	2.9	11	317.4	-1.3	0.1	1018.7	-0.0	26.9	-32767.0	20.8	20.8	0.1
21:31:01	27 49.2	-82 28.7	0.1	-0.4	0.4	2	250.2	-1.2	0.1	1019.1	-0.0	27.0	-32767.0	21.5	21.5	0.0
21:31:00	27 51.0	-82 29.6	0.0	0.0	0.0	6	29.1	0.0	1.3	0.0	0.1	-0.0	-32767.0	50.0	50.0	-32767.0
21:31:00	27 51.0	-82 29.6	-32767.0	-32767.0	-32767	10	34.6	-0.4	-0.1	-0.0	0.0	-0.0	-32767.0	-32767.0	-32767.0	-327

A/C 42, Flgt 060727H, Micro99 date 2006/07/27, Proj hur06 Run on Thu Jul 27 18:23:32 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:31:30	27 52.6	-82 28.8	1.9	-2.3	3.0	11	317.4	-1.3	0.1	1018.7	0.0	26.9	26.9	20.6	20.6	0.1
21:31:31	27 49.1	-82 28.7	0.1	-0.4	0.4	2	250.2	-1.2	0.1	1019.2	0.0	27.0	27.0	21.3	21.3	0.0
21:31:30	27 51.0	-82 29.6	-0.0	0.0	0.0	10	29.0	0.0	1.3	0.0	0.1	-0.0	-0.0	50.0	50.0	68.8
21:31:30	27 51.0	-82 29.6	298.5	342.8	-49	10	34.7	-0.4	-0.1	-0.0	0.0	-0.0	3.6	302.5	4.5	1.9
21:32:00	27 52.5	-82 28.8	1.9	-2.3	3.0	11	317.5	-1.3	0.1	1018.7	0.0	27.0	27.0	21.0	21.0	0.0
21:32:01	27 49.1	-82 28.7	0.1	-0.3	0.4	2	250.2	-1.2	0.0	1019.2	0.1	27.0	27.0	21.7	21.7	0.0
21:32:00	27 51.0	-82 29.6	-0.0	0.0	0.0	9	29.0	0.0	1.2	0.0	0.1	-0.0	-0.0	50.0	50.0	70.2
21:32:00	27 51.0	-82 29.6	298.5	343.9	-49	10	34.7	-0.4	-0.1	-0.0	0.0	-0.0	5.1	296.5	5.1	2.7
21:32:30	27 52.5	-82 28.8	1.9	-2.2	3.0	11	317.5	-1.4	0.1	1018.7	0.0	27.0	27.0	20.9	20.9	0.1
21:32:31	27 49.1	-82 28.7	0.1	-0.3	0.3	2	250.2	-1.2	0.0	1019.2	0.0	27.0	27.0	21.7	21.7	0.0
21:32:30	27 51.0	-82 29.6	-0.0	-0.0	0.0	6	29.2	-0.0	1.2	0.0	0.1	-0.0	-0.0	50.0	50.0	69.8
21:32:30	27 51.0	-82 29.6	298.5	343.7	-49	10	34.7	-0.4	-0.0	-0.0	0.1	-0.0	2.7	301.3	3.8	1.4
21:33:00	27 52.5	-82 28.7	2.0	-2.2	3.0	11	317.4	-1.4	0.1	1018.7	-0.0	26.9	-32767.0	20.9	20.9	0.1
21:33:01	27 49.1	-82 28.7	0.1	-0.3	0.3	2	250.2	-1.2	0.1	1019.2	-0.0	26.9	-32767.0	21.8	21.8	0.0
21:33:00	27 51.0	-82 29.6	0.0	-0.0	0.0	5	29.0	0.0	1.2	0.0	0.1	-0.0	-32767.0	50.0	50.0	-32767.0
21:33:00	27 51.0	-82 29.6	-32767.0	-32767.0	-32767	10	34.7	-0.4	-0.1	-0.0	0.0	-0.0	-32767.0	-32767.0	-32767.0	-327
21:33:30	27 52.4	-82 28.7	2.0	-2.2	3.0	11	317.4	-1.3	0.1	252.2	1.5	-0.3	-0.7	20.8	20.8	0.1
21:33:31	27 49.1	-82 28.7	0.1	-0.3	0.3	2	250.1	-1.2	0.1	250.1	-1.2	-0.1	-0.6	21.6	21.6	0.0
21:33:30	27 51.0	-82 29.6	-0.0	0.0	0.0	2	-1.1	-0.1	1.2	0.2	-3.2	-0.0	-0.5	50.0	50.0	466.2
21:33:30	27 51.0	-82 29.6	402.6	745.9	10360	10	2.5	-0.4	-0.1	-0.0	-0.3	0.0	30.0	318.6	33.7	30.7

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ERROR COUNT:

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LAT_INE1: 3
LAT_INE2: 3
LAT_CLN: 577
LAT_ASH: 647
LONG_INE1: 3
LONG_INE2: 3
LONG_CLN: 579
LONG_ASH: 1086
RA159: 13
RA232: 3
ALT_CLN: 580
ALT_ASH: 62
HDG_INE1: 2275
HDG_INE2: 2263
PRT5_SIDE: 7
PRT5_DOWN: 7
PITCH_INE1: 606
PITCH_INE2: 601
PDAF: 184

PDSF: 11
ROLL_INE1: 2992
ROLL_INE2: 2996
PDAR: 50
PDSR: 7
PSW: 9
PSF: 9
PQAF: 13
PQR: 26
PQF1: 9
PQF2: 11
PQSF: 36
PQW: 140
TT1: 8
TT2: 8
TT3: 8
TDM1: 8
TDM2: 8
TDM3: 98
AXBT1: 7
AXBT2: 7

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