A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
15:48:30	29 36.2	-95 9.4	39.8	41.6	57.5	1429	44.2	-1.8	-0.3	1019.4	20.9	28.2	21.5	-16.9	-18.9	0.2
15:48:30	29 36.2	-95 9.4	39.7	41.3	57.3	2	44.0	-1.9	-0.5	250.6	20.9	28.4	21.6	19.5	19.5	0.0
15:48:30	29 36.2	-95 9.4	38.8	40.6	56.2	12	0.1	-1.0	-8.4	23.9	24.5	50.0	42.6	20.6	20.6	5.0
15:48:29	29 36.2	-95 9.4	437.4	454.7	10348	16	32.2	5.0	1.7	20.8	22.7	0.0	113.4	48.3	59.8	117.3
15:49:00	29 37.1	-95 8.4	55.1	57.7	79.8	1429	46.4	7.1	3.0*	1009.9	40.5	28.7	16.4	-16.9	-18.8	0.3
15:49:00	29 37.0	-95 8.5	55.0	57.4	79.5	69	46.6	6.9	2.8*	250.6	40.6	28.9	16.2	19.5	19.5	0.0
15:49:00	29 37.1	-95 8.5	54.6	57.8	79.4	74	0.1	28.7	-2.9	42.3	47.1	50.0	36.4	20.6	20.6	7.0
15:48:59	29 37.1	-95 8.5	429.9	446.8	10348*	81	32.2	-11.3	-3.6	40.6	43.5	0.0	157.3	45.9	79.9	159.8
15:49:30	29 37.6	-95 7.0	92.0	-8.0	92.4	1429	96.9*	7.7	19.5*	991.7	54.0	28.5	12.7	-16.9	-18.9	0.3
15:49:30	29 37.6	-95 7.1	91.9	-8.3	92.3	219	96.8*	7.5	19.3*	250.6	54.0	28.6	12.2	19.0	19.0	0.0
15:49:30	29 37.6	-95 7.1	91.9	-5.3	92.1	217	0.1	42.6	-1.2	55.9	62.3	50.0	32.4	20.3	20.3	9.1
15:49:29	29 37.6	-95 7.1	424.4	441.0	10348*	227	32.3	-19.1	-6.3	53.9	58.7	0.0	181.1	91.7	89.1	181.7
15:50:00	29 36.7	-95 5.6	46.8	-92.6	103.7	1429	153.1*	6.4	15.0*	971.4	62.5	27.5	9.8	-16.9	-18.9	0.3
15:50:00	29 36.7	-95 5.7	46.6	-92.9	103.9	400	153.1*	6.2	14.9*	250.6	62.5	27.6	9.1	19.0	19.0	0.0
15:50:00	29 36.7	-95 5.7	48.4	-91.6	103.6	396	0.1	39.7	-5.7	64.5	70.9	50.0	30.1	19.6	19.6	11.2
15:49:59	29 36.7	-95 5.7	420.0	436.4	10348*	404	32.2	-16.5	-4.2	62.6	67.6	0.0	194.5	147.6	89.8	193.4
15:50:30	29 35.3	-95 4.6	91.0	-50.8	104.2	2495*	115.9*	7.8	-15.0*	954.2	62.7	29.5	11.6	-16.9	-18.9	0.3
15:50:30	29 35.2	-95 4.6	90.8	-51.2	104.3	564	116.0*	7.6	-15.1*	250.6	62.7	29.6	10.9	15.9	15.9	0.0
15:50:30	29 35.3	-95 4.6	89.7	-53.4	104.4	560	0.1	37.4	-6.6	66.1	70.7	50.0	30.0	17.6	17.6	9.8
15:50:29	29 35.3	-95 4.6	422.7	439.2	10348*	565	26.9	5.5	1.0	63.0	66.9	0.0	194.8	116.4	89.7	194.3
15:51:00	29 34.8	-95 2.7	109.9	-21.6	112.0	7242*	99.3	1.1	-0.5*	947.2	72.9	30.7	10.4	-16.9	-18.8	0.2
15:51:00	29 34.7	-95 2.7	109.7	-22.0	111.9	621	99.3	1.0	-0.7*	250.6	72.9	31.0	9.6	15.8	15.8	0.0
15:51:00	29 34.8	-95 2.8	109.4	-21.7	111.6	629	0.1	31.0	-12.6	75.0	80.3	50.0	27.2	18.1	18.1	10.7
15:50:59	29 34.8	-95 2.7	420.9	437.4	10348*	630	30.6	-2.1	-0.1	73.3	77.3	0.0	209.7	97.6	95.8	207.8
15:51:30	29 34.5	-95 0.6	116.4	-27.5	119.6	9976	102.3*	3.9*	14.4*	946.3	82.4	31.6	9.1	-16.9	-18.8	0.2
15:51:30	29 34.4	-95 0.6	116.3	-27.9	119.6	618	102.1*	3.8*	14.2*	250.6	82.4	31.8	8.0	15.2	15.2	0.0
15:51:30	29 34.5	-95 0.7	116.6	-25.6	119.3	623	0.1	39.5	-12.5	85.1	91.2	50.0	24.8	17.7	17.7	11.7
15:51:29	29 34.5	-95 0.6	419.0	435.3	10348*	627	30.4	-1.3	-0.2	82.8	88.2	0.0	222.6	99.7	99.7	219.3
15:52:00	29 33.3	-94 59.1	56.6	-97.0	112.3	9976	149.1	5.3	2.5	918.0	66.8	29.0	10.2	-16.9	-18.9	0.3
15:52:00	29 33.2	-94 59.1	56.4	-97.4	112.6	899	149.0	5.1	2.3	250.6	66.8	29.3	9.6	12.9	12.9	0.0
15:52:00	29 33.3	-94 59.1	56.7	-96.9	112.3	892	0.1	34.2	-9.1	68.8	74.2	50.0	28.9	15.2	15.2	10.9
15:51:59	29 33.3	-94 59.1	420.6	437.0	10348*	900	26.1	-12.1	-2.6	67.1	71.4	0.0	201.0	145.9	87.4	199.6
15:52:30	29 31.7	-94 58.0	61.6	-101.4	118.7	9976	147.0	3.1*	-0.6	912.2	74.4	29.3	8.7	-16.9	-18.8	0.3
15:52:30	29 31.6	-94 58.1	61.4	-101.8	118.9	951	147.1	2.9*	-0.8	250.6	74.5	29.6	7.9	12.6	12.6	0.0
15:52:30	29 31.7	-94 58.1	61.3	-101.6	118.6	951	0.1	33.5	-12.0	76.8	82.0	50.0	26.8	14.9	14.9	12.0
15:52:29	29 31.6	-94 58.1	418.5	434.8	10348*	953	26.1	0.1	0.3	74.8	79.3	0.0	211.9	145.6	90.6	209.2
15:53:00	29 30.0	-94 56.9	59.7	-106.5	122.0	9976	149.6	1.8	-0.6*	910.9	78.8	29.6	8.0	-16.9	-18.8	0.3
15:53:00	29 29.9	-94 57.0	59.5	-106.9	122.3	960	149.5	1.7	-0.7*	250.6	78.9	29.8	7.1	12.5	12.5	0.0
15:53:00	29 30.0	-94 57.0	59.4	-106.4	121.8	966	0.1	29.9	-15.0	80.4	86.5	50.0	25.7	14.8	14.8	12.7
15:52:59	29 30.0	-94 57.0	417.4	433.6	10348*	967	30.4	-8.9	-1.5	79.2	83.5	0.0	217.9	147.4	92.5	214.5

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
15:53:30	29 28.3	-94 55.7	71.2	-100.0	122.8	9976	143.8	5.9*	-0.6*	898.5	78.8	28.8	7.3	-16.9	-18.8	0.3
15:53:30	29 28.2	-94 55.7	71.0	-100.5	123.0	1082	143.5	5.4	-0.1*	250.6	78.8	29.0	6.3	12.3	12.3	0.0
15:53:30	29 28.3	-94 55.7	71.2	-100.1	122.8	1076	0.1	30.2	-14.6	79.9	86.7	50.0	25.7	14.9	14.9	13.4
15:53:29	29 28.3	-94 55.7	416.3	432.5	10348*	1084	26.4	-17.8	-4.0	79.0	83.4	0.0	217.8	140.1	91.3	214.1
15:54:00	29 27.0	-94 54.1	98.1	-40.9	106.3	9976	109.5*	8.9*	-10.1*	867.5	61.0	24.9	7.7	-16.9	-18.9	0.2
15:54:00	29 26.9	-94 54.2	97.9	-41.3	106.2	1382	109.2*	8.7*	-10.2*	250.6	61.1	25.2	7.2	12.1	12.1	0.0
15:54:00	29 27.0	-94 54.2	97.6	-42.5	106.4	1384	0.1	32.4	-7.9	63.3	68.0	50.0	30.5	14.4	14.4	13.0
15:53:59	29 27.0	-94 54.2	416.9	433.1	10348*	1393	25.8	-7.8	-2.2	61.3	64.8	0.0	192.3	106.0	83.9	190.6
15:54:30	29 26.4	-94 52.3	101.9	-38.9	109.1	9976	107.3	3.9	0.1	851.4	63.3	23.6	5.9	-16.9	-18.9	0.3
15:54:30	29 26.3	-94 52.3	101.7	-39.4	109.0	1541	107.5	3.7	-0.1	250.6	63.3	23.9	5.4	11.3	11.3	0.0
15:54:30	29 26.4	-94 52.4	101.2	-39.1	108.5	1541	0.1	35.6	-7.4	65.8	70.3	50.0	29.8	13.7	13.7	14.7
15:54:29	29 26.4	-94 52.3	414.2	430.3	10348*	1548	25.7	-0.2	-0.1	63.6	67.8	0.0	195.8	103.5	84.6	193.2
15:55:00	29 25.7	-94 50.3	111.1	-48.1	121.1	9976	110.3	6.2	2.7	848.8	78.0	24.9	3.8	-16.9	-18.9	0.3
15:55:00	29 25.6	-94 50.3	110.9	-48.6	121.0	1564	110.3	6.0	2.5	250.6	78.0	25.1	2.9	11.4	11.4	0.0
15:55:00	29 25.7	-94 50.4	111.2	-48.0	121.1	1560	0.1	34.9	-13.0	80.4	86.2	50.0	25.9	14.1	14.1	17.1
15:54:59	29 25.7	-94 50.3	411.2	427.1	10348*	1565	25.6	-2.8	-0.3	78.4	83.4	0.0	216.7	106.0	91.0	211.9
15:55:30	29 25.0	-94 48.3	105.5	-40.1	112.9	9976	107.6	6.4	2.9	822.9	67.5	21.6	3.0	-16.9	-18.9	0.3
15:55:30	29 24.8	-94 48.3	105.3	-40.6	112.8	1831	107.4	6.3	2.7	250.6	67.6	21.9	2.4	11.7	11.7	0.0
15:55:30	29 25.0	-94 48.4	105.4	-39.8	112.7	1829	0.1	33.7	-9.7	69.4	74.7	50.0	28.7	13.9	13.9	18.1
15:55:29	29 25.0	-94 48.4	410.0	425.9	10348*	1833	25.3	-9.3	-1.8	67.8	72.1	0.0	202.1	101.7	85.6	198.1
15:56:00	29 24.4	-94 46.3	107.4	-41.3	115.1	8184*	107.4	4.7	0.1*	809.3	69.1	20.7	1.9	-16.9	-18.9	0.3
15:56:00	29 24.2	-94 46.4	107.2	-41.8	115.0	1973	107.2	4.5	-0.1*	250.6	69.1	21.0	1.2	10.5	10.5	0.0
15:56:00	29 24.3	-94 46.4	107.0	-41.3	114.7	1973	0.1	31.8	-10.8	70.5	76.0	50.0	28.3	12.6	12.6	19.7
15:55:59	29 24.3	-94 46.4	408.3	424.1	10348*	1976	25.0	-13.3	-3.0	69.4	73.5	0.0	204.3	100.5	85.4	199.7
15:56:30	29 23.7	-94 44.3	103.8	-45.9	113.5	9976	110.1	6.3	6.7*	791.8	65.8	19.4	1.4	-16.9	-18.9	0.3
15:56:30	29 23.5	-94 44.4	103.5	-46.4	113.5	2153	110.3	6.2	6.5*	250.6	65.8	19.7	0.8	9.0	9.0	0.0
15:56:30	29 23.7	-94 44.5	103.8	-45.1	113.2	2149	0.1	33.9	-9.2	68.0	72.8	50.0	29.2	10.9	10.9	20.4
15:56:29	29 23.7	-94 44.4	407.6	423.3	10348*	2155	26.0	-4.3	-0.6	66.1	70.6	0.0	199.5	103.7	82.2	195.1
15:57:00	29 23.0	-94 42.4	100.7	-36.0	106.9	9976	105.8	7.5*	-0.0	772.1	57.5	17.4	1.4	-16.9	-18.9	0.2
15:57:00	29 22.8	-94 42.5	100.4	-36.5	106.8	2377	105.8	7.4	-0.2	250.6	57.6	17.7	1.1	6.6	6.6	0.0
15:57:00	29 23.0	-94 42.5	100.2	-36.1	106.5	2370	0.1	26.2	-9.3	59.3	63.6	50.0	31.4	8.0	8.0	20.4
15:56:59	29 23.0	-94 42.5	407.6	423.3	10348*	2375	24.6	-7.9	-2.1	57.8	61.2	0.0	186.8	99.0	76.8	183.4
15:57:30	29 22.4	-94 40.5	106.5	-37.2	112.8	9976	106.2*	3.9	5.3*	762.0	63.1	16.8	-0.5	-16.9	-18.9	0.3
15:57:30	29 22.3	-94 40.6	106.2	-37.8	112.7	2458	106.0*	3.7	5.1*	250.6	63.2	17.1	-0.9	6.1	6.1	0.0
15:57:30	29 22.4	-94 40.6	106.0	-36.5	112.1	2475	0.1	37.0	-6.7	64.8	69.9	50.0	29.9	7.4	7.4	23.4
15:57:29	29 22.4	-94 40.6	404.8	420.4	10348*	2478	24.1	-10.8	-2.7	63.4	67.8	0.0	195.5	99.0	78.8	190.8
15:58:00	29 21.8	-94 38.4	114.9	-42.4	122.5	9976	107.0	4.5	0.1	759.5	74.3	17.7	-2.1	-16.9	-18.9	0.3
15:58:00	29 21.6	-94 38.5	114.6	-43.0	122.4	2493	106.8	4.4	-0.0	250.6	74.3	18.0	-2.8	6.1	6.1	0.0
15:58:00	29 21.8	-94 38.6	114.4	-42.5	122.1	2498	0.1	29.3	-13.6	75.7	81.3	50.0	26.9	7.6	7.6	26.4
15:57:59	29 21.7	-94 38.6	402.5	418.0	10348*	2505	24.1	-8.2	-2.7	74.6	78.8	0.0	211.7	101.2	83.1	205.0

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
15:58:30	29 21.1	-94 36.3	110.3	-42.7	118.3	9976	108.7	6.7	-0.1	742.1	68.7	16.1	-2.3	-16.9	-18.9	0.3
15:58:30	29 20.9	-94 36.4	110.0	-43.3	118.2	2689	108.8	6.6	-0.3	250.6	68.7	16.4	-3.0	3.4	3.4	0.0
15:58:30	29 21.1	-94 36.5	110.0	-42.8	118.1	2689	0.1	31.2	-10.8	70.1	75.5	50.0	28.4	4.6	4.6	27.0
15:58:29	29 21.0	-94 36.5	402.0	417.5	10348*	2696	23.9	-12.1	-2.9	68.9	73.1	0.0	203.7	102.9	79.6	197.7
15:59:00	29 20.4	-94 34.3	108.7	-41.0	116.2	9976	109.2	5.0	0.1*	726.5	64.4	15.6	-1.9	-16.9	-18.9	0.3
15:59:00	29 20.2	-94 34.4	108.4	-41.6	116.1	2864	109.2	4.8	0.0*	250.6	64.4	15.8	-2.4	-5.8	-6.5	0.0
15:59:00	29 20.4	-94 34.5	108.2	-40.9	115.7	2872	0.1	32.4	-9.0	65.8	70.9	50.0	29.5	-4.1	-4.6	26.1
15:58:59	29 20.4	-94 34.5	402.6	418.2	10348*	2873	23.7	-11.5	-2.7	64.6	68.7	0.0	197.4	105.0	76.0	192.0
15:59:30	29 19.7	-94 32.2	115.9	-43.8	123.9	9976	109.3	5.4	-3.7*	722.6	73.0	16.3	-3.1	-16.9	-18.9	0.2
15:59:30	29 19.5	-94 32.3	115.6	-44.4	123.8	2904	109.1	5.2	-3.9*	250.6	73.1	16.5	-3.9	-6.1	-6.9	0.0
15:59:30	29 19.7	-94 32.4	115.4	-44.4	123.6	2910	0.1	35.3	-10.6	74.3	80.1	50.0	27.2	-4.3	-4.9	28.6
15:59:29	29 19.7	-94 32.4	400.9	416.3	10348*	2912	23.7	-11.2	-2.3	73.3	77.8	0.0	209.9	106.0	79.1	203.0
16:00:00	29 19.0	-94 30.1	110.9	-52.0	122.5	9976	113.9	4.9	-0.3*	712.2	70.6	15.6	-3.2	-16.9	-18.9	0.2
16:00:00	29 18.7	-94 30.2	110.6	-52.6	122.5	3019	113.7	4.8	-0.5*	250.6	70.6	15.9	-3.9	-8.6	-9.7	0.0
16:00:00	29 18.9	-94 30.3	110.7	-52.1	122.3	3029	0.1	40.2	-7.9	71.7	77.7	50.0	27.9	-7.1	-8.0	28.9
15:59:59	29 18.9	-94 30.3	400.7	416.1	10348*	3030	23.7	-13.5	-3.5	70.8	75.7	0.0	206.5	109.7	77.5	199.8
16:00:30	29 18.1	-94 28.1	111.5	-49.8	122.1	9976	113.1	3.0	-1.9	711.6	70.6	15.6	-3.2	-16.9	-18.9	0.3
16:00:30	29 17.9	-94 28.2	111.2	-50.4	122.1	3028	113.2	2.9	-2.0	250.6	70.6	15.9	-3.9	-9.8	-11.0	0.0
16:00:30	29 18.1	-94 28.3	111.0	-50.0	121.7	3041	0.1	34.8	-9.7	71.2	77.2	50.0	27.9	-7.9	-8.9	28.8
16:00:29	29 18.1	-94 28.2	400.7	416.1	10348*	3042	23.7	-15.7	-3.8	70.8	75.1	0.0	206.5	109.0	77.9	199.9
16:01:00	29 17.3	-94 26.0	112.0	-48.6	122.1	9976	112.4	3.3	-1.4	711.7	70.3	15.6	-3.2	-16.9	-18.9	0.3
16:01:00	29 17.1	-94 26.1	111.6	-49.2	122.0	3029	112.4	3.2	-1.6	250.6	70.4	15.8	-3.9	-9.8	-11.0	0.0
16:01:00	29 17.3	-94 26.2	111.5	-48.6	121.6	3040	0.1	35.6	-9.1	70.9	77.0	50.0	27.9	-7.8	-8.7	28.9
16:00:59	29 17.3	-94 26.2	400.7	416.1	10348*	3041	23.7	-17.2	-4.3	70.5	74.8	0.0	206.1	107.8	77.7	199.5
16:01:30	29 16.5	-94 23.9	113.0	-48.9	123.1	9976	112.0	3.1	-1.5	711.5	71.4	15.9	-3.2	-16.9	-18.9	0.3
16:01:30	29 16.3	-94 24.1	112.6	-49.5	123.0	3031	111.8	2.9	-1.6	250.6	71.5	16.1	-3.9	-10.4	-11.7	0.0
16:01:30	29 16.5	-94 24.1	112.5	-49.0	122.7	3042	0.1	34.5	-10.2	72.2	78.0	50.0	27.6	-8.4	-9.5	28.8
16:01:29	29 16.5	-94 24.1	400.8	416.2	10348*	3042	23.9	-14.2	-3.1	71.7	75.9	0.0	207.7	107.6	78.0	201.0
16:02:00	29 15.7	-94 21.8	114.0	-49.0	124.1	9976	111.6	3.0	-0.9	711.3	72.6	15.9	-3.4	-16.9	-18.9	0.3
16:02:00	29 15.5	-94 22.0	113.6	-49.7	124.0	3028	111.4	2.8	-1.0	250.6	72.6	16.2	-4.1	-11.0	-12.3	0.0
16:02:00	29 15.7	-94 22.0	113.5	-49.1	123.7	3039	0.1	34.1	-10.8	73.7	79.2	50.0	27.3	-8.9	-10.0	29.2
16:01:59	29 15.7	-94 22.0	400.5	415.9	10348*	3043	24.0	-10.5	-2.1	72.9	77.2	0.0	209.3	107.7	78.5	202.4
16:02:30	29 14.9	-94 19.7	114.8	-49.0	124.8	7545*	111.4	2.9	-0.9	711.2	73.5	16.0	-3.5	-16.9	-18.9	0.2
16:02:30	29 14.7	-94 19.9	114.4	-49.6	124.7	3030	111.6	2.7	-1.0	250.6	73.6	16.2	-4.3	-11.0	-12.4	0.0
16:02:30	29 14.9	-94 19.9	114.3	-49.1	124.4	3039	0.1	33.7	-11.3	74.6	80.2	50.0	27.1	-8.8	-9.9	29.5
16:02:29	29 14.9	-94 19.9	400.3	415.7	10348*	3042	23.9	-10.1	-2.2	73.8	78.2	0.0	210.6	107.5	78.9	203.5
16:03:00	29 14.2	-94 17.6	115.5	-49.5	125.6	5608*	111.3	2.9	-0.7	711.3	74.0	15.8	-3.8	-16.9	-18.9	0.2
16:03:00	29 13.9	-94 17.7	115.1	-50.1	125.5	3026	111.3	2.7	-0.9	250.6	74.0	16.0	-4.6	-9.2	-10.4	0.0
16:03:00	29 14.1	-94 17.8	115.0	-49.6	125.2	3039	0.1	33.0	-11.8	75.1	80.7	50.0	27.0	-6.9	-7.8	30.2
16:02:59	29 14.1	-94 17.8	399.8	415.2	10348*	3041	23.9	-9.1	-2.0	74.3	78.7	0.0	211.3	107.1	78.6	204.0

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
16:03:30	29 13.4	-94 15.4	116.3	-49.3	126.4	7293*	111.3	2.8	-0.7	711.2	74.8	15.8	-4.0	-16.9	-18.9	0.3
16:03:30	29 13.1	-94 15.6	115.9	-50.0	126.2	3030	111.1	2.7	-0.8	250.6	74.8	16.0	-4.8	-7.5	-8.4	0.0
16:03:30	29 13.3	-94 15.7	115.8	-49.4	125.9	3039	0.1	32.7	-12.2	75.9	81.5	50.0	26.7	-5.7	-6.5	30.5
16:03:29	29 13.3	-94 15.6	399.6	415.0	10348*	3041	23.9	-8.9	-2.2	75.1	79.5	0.0	212.3	107.6	78.7	204.9
16:04:00	29 12.6	-94 13.3	116.8	-49.2	126.7	5851*	111.2	2.8	-0.8	711.2	75.1	15.8	-4.0	-16.9	-18.9	0.3
16:04:00	29 12.2	-94 13.4	116.4	-49.8	126.6	3031	111.0	2.7	-0.9	250.6	75.1	16.1	-4.8	-7.3

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
16:08:30	29 18.9	-94 18.9	-96.0	88.0	130.2	3054	315.2	2.7	2.1*	711.2	74.7	16.0	-3.7	-16.9	-18.9	0.3
16:08:30	29 18.5	-94 19.2	-96.3	87.4	130.0	3025	315.0	2.6	1.9*	250.6	74.7	16.3	-4.5	-9.6	-10.8	0.0
16:08:30	29 18.8	-94 19.2	-96.7	87.7	130.6	3031	0.1	33.5	-12.0	76.2	81.4	50.0	26.8	-7.4	-8.3	29.9
16:08:29	29 18.8	-94 19.2	400.0	415.4	10348*	3037	23.8	-2.9	-0.5	75.0	79.6	0.0	212.2	319.7	75.0	204.9
16:09:00	29 20.4	-94 20.7	-93.2	91.0	130.3	3058	317.0	2.7	-0.1	711.1	75.8	15.8	-4.1	-16.9	-18.9	0.2
16:09:00	29 20.0	-94 20.9	-93.4	90.4	130.0	3029	316.9	2.5	-0.3	250.6	75.8	16.1	-5.0	-9.0	-10.1	0.0
16:09:00	29 20.3	-94 20.9	-93.6	91.0	130.6	3036	0.0	32.8	-12.7	77.2	82.6	50.0	26.5	-7.0	-7.9	30.9
16:08:59	29 20.3	-94 20.9	399.4	414.7	10348*	3039	23.7	-4.7	-0.9	76.2	80.7	0.0	213.8	321.5	76.3	206.1
16:09:30	29 21.8	-94 22.4	-92.5	90.8	129.6	3056	317.2	2.8	-0.2	711.2	75.0	15.9	-3.9	-16.9	-18.8	0.3
16:09:30	29 21.4	-94 22.6	-92.8	90.2	129.4	3026	317.4	2.6	-0.4	250.6	75.0	16.2	-4.7	-8.0	-9.0	0.0
16:09:30	29 21.7	-94 22.6	-93.0	90.8	130.0	3034	0.1	33.0	-12.3	76.4	81.7	50.0	26.7	-6.2	-7.0	30.3
16:09:29	29 21.8	-94 22.7	399.8	415.1	10347*	3041	23.6	-4.5	-0.9	75.3	79.9	0.0	212.6	321.8	75.9	205.2
16:10:00	29 23.3	-94 24.1	-88.9	93.3	128.9	3055	319.3	2.8	-0.0	711.3	74.5	15.9	-3.8	-16.9	-18.8	0.3
16:10:00	29 22.9	-94 24.3	-89.2	92.7	128.6	3024	319.1	2.6	-0.2	250.6	74.5	16.1	-4.6	-7.9	-8.9	0.0
16:10:00	29 23.2	-94 24.3	-89.4	93.3	129.2	3038	0.1	32.9	-12.2	75.9	81.2	50.0	26.8	-6.1	-6.9	30.2
16:09:59	29 23.3	-94 24.3	399.8	415.2	10348*	3041	23.7	-5.3	-1.1	74.8	79.4	0.0	212.0	323.8	76.1	204.6
16:10:30	29 24.8	-94 25.7	-88.3	93.0	128.3	3055	319.7	3.0	-0.4	711.4	74.5	15.9	-3.8	-16.9	-18.9	0.3
16:10:30	29 24.4	-94 25.9	-88.6	92.4	128.0	3026	319.6	2.8	-0.5	250.6	74.6	16.1	-4.6	-7.6	-8.5	0.0
16:10:30	29 24.8	-94 26.0	-88.8	93.1	128.6	3031	0.1	33.0	-12.1	75.8	81.2	50.0	26.8	-5.5	-6.2	30.1
16:10:29	29 24.8	-94 26.0	399.9	415.2	10348*	3040	23.5	-6.7	-1.4	74.9	79.4	0.0	212.0	324.6	76.9	204.7
16:11:00	29 26.3	-94 27.4	-96.7	82.5	127.1	3026	313.5*	0.6	-12.8*	714.1	73.6	15.8	-3.8	-16.9	-18.9	0.3
16:11:00	29 25.9	-94 27.6	-96.9	81.9	126.9	2994	313.2*	0.4	-12.9*	250.6	73.7	16.0	-4.5	-6.4	-7.2	0.0
16:11:00	29 26.2	-94 27.6	-96.2	83.6	127.5	3006	0.1	34.4	-10.9	74.2	79.8	50.0	27.0	-4.6	-5.2	30.0
16:10:59	29 26.2	-94 27.7	399.9	415.3	10348*	3014	23.6	-10.6	-2.1	73.9	78.2	0.0	210.7	319.0	76.7	203.5
16:11:30	29 26.7	-94 29.5	-117.8	-44.5	125.9	2827	248.9*	1.8*	-26.4*	730.7	67.1	15.5	-2.5	-16.9	-18.9	0.3
16:11:30	29 26.3	-94 29.8	-118.1	-45.1	126.4	2803	248.6*	1.6*	-26.6*	250.6	67.1	15.9	-3.1	-1.3	-1.5	0.0
16:11:30	29 26.7	-94 29.8	-119.5	-41.1	126.4	2813	0.1	49.5	-2.7	68.5	73.8	50.0	28.8	0.6	0.6	27.4
16:11:29	29 26.7	-94 29.8	401.7	417.2	10348*	2818	23.4	-6.0	-2.9	67.3	72.1	0.0	201.5	254.1	69.5	195.5
16:12:00	29 25.2	-94 30.8	-5.6	-121.7	121.9	2622	177.9*	-0.5	-26.7*	750.3	61.4	15.6	-1.2	-16.9	-18.9	0.3
16:12:00	29 24.7	-94 31.1	-5.9	-122.3	122.5	2589	177.8*	-0.7	-26.9*	250.6	61.4	16.0	-1.6	3.9	3.9	0.0
16:12:00	29 25.2	-94 31.1	-9.6	-121.6	121.9	2608	0.0	46.3	-1.9	63.0	67.6	50.0	30.4	6.7	6.7	24.8
16:11:59	29 25.2	-94 31.1	403.7	419.2	10348*	2606	23.7	-1.1	-1.5	61.5	65.9	0.0	192.9	176.6	65.7	188.1
16:12:30	29 23.6	-94 29.7	104.5	-46.7	114.5	2372	108.2*	0.2	-26.1*	773.4	64.9	17.8	0.0	-16.9	-18.9	0.3
16:12:30	29 23.2	-94 30.0	104.3	-47.3	114.5	2341	108.3*	-0.0	-26.3*	250.6	64.9	18.1	-0.5	7.3	7.3	0.0
16:12:30	29 23.6	-94 30.1	103.3	-49.9	114.7	2358	0.1	39.5	-6.1	66.6	71.3	50.0	29.4	8.7	8.7	22.6
16:12:29	29 23.6	-94 30.1	405.6	421.2	10348*	2358	24.0	-2.0	-0.8	65.2	69.2	0.0	198.2	104.9	79.2	193.4
16:13:00	29 23.9	-94 27.9	71.4	78.5	106.1	2183	39.4*	0.2*	-28.6	790.7	64.1	19.2	1.5	-16.9	-18.9	0.3
16:13:00	29 23.5	-94 28.1	71.3	77.9	105.6	2165	39.4*	0.0*	-28.8	250.6	64.2	19.4	1.0	8.2	8.2	0.0
16:13:00	29 23.9	-94 28.2	74.2	75.8	106.1	2171	0.1	47.4	-2.5	65.7	70.7	50.0	29.6	10.1	10.1	20.2
16:12:59	29 23.9	-94 28.2	407.8	423.5	10348*	2170	24.2	-4.1	-2.3	64.3	68.9	0.0	197.0	41.2	86.2	192.9

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
16:13:30	29 25.6	-94 27.8	-63.2	91.6	111.2	1968	327.5*	1.1	-24.9*	810.5	65.3	20.8	2.8	-16.9	-18.9	0.3
16:13:30	29 25.1	-94 28.1	-63.3	91.0	110.8	1954	327.5*	1.0	-25.0*	250.6	65.3	21.1	2.3	10.1	10.1	0.0
16:13:30	29 25.5	-94 28.1	-60.2	93.5	111.2	1960	0.1	48.3	-2.6	67.3	72.2	50.0	29.3	11.9	11.9	18.4
16:13:29	29 25.5	-94 28.1	409.7	425.5	10348*	1958	24.6	-1.2	-1.6	65.5	70.4	0.0	198.8	335.8	84.2	195.0
16:14:00	29 26.1	-94 29.7	-115.5	-38.4	121.7	1763	252.0*	0.8	-28.0*	830.8	66.6	22.2	3.8	-16.9	-18.9	0.3
16:14:00	29 25.6	-94 30.0	-115.6	-39.0	122.0	1743	252.0*	0.6	-28.2*	250.6	66.6	22.5	3.2	11.7	11.7	0.0
16:14:00	29 26.1	-94 30.0	-116.7	-34.3	121.6	1752	0.0	50.1	-2.3	68.4	73.6	50.0	28.9	14.1	14.1	17.1
16:13:59	29 26.1	-94 30.0	411.1	427.1	10348*	1749	24.9	-4.0	-2.4	66.7	71.5	0.0	200.6	259.0	75.3	197.1
16:14:30	29 24.7	-94 31.0	-10.7	-119.0	119.5	1591	181.3*	0.8*	-29.9*	847.9	65.3	23.4	5.2	-16.9	-18.9	0.3
16:14:30	29 24.2	-94 31.3	-10.9	-119.6	120.1	1573	181.2*	0.6*	-30.1*	250.6	65.3	23.7	4.7	11.9	11.9	0.0
16:14:30	29 24.7	-94 31.4	-14.8	-118.8	119.7	1579	0.1	45.1	-4.0	67.1	72.1	50.0	29.3	14.1	14.1	15.5
16:14:29	29 24.6	-94 31.4	413.2	429.3	10348*	1579	25.2	-5.2	-2.1	65.5	70.0	0.0	198.7	181.1	76.0	195.8
16:15:00	29 23.3	-94 29.8	112.5	-16.2	113.6	1326	94.1*	-0.5*	-26.2*	874.1	71.7	26.2	6.4	-16.9	-18.8	0.3
16:15:00	29 22.8	-94 30.1	112.3	-16.9	113.6	1315	94.1*	-0.7*	-26.4*	250.6	71.7	26.4	5.7	12.3	12.3	0.0
16:15:00	29 23.3	-94 30.2	112.2	-19.6	113.9	1322	0.1	37.3	-9.4	73.5	78.7	50.0	27.6	14.7	14.7	14.2
16:14:59	29 23.3	-94 30.2	415.0	431.2	10348*	1321	25.5	-2.5	-0.6	72.1	76.1	0.0	208.0	93.1	90.9	204.8
16:15:30	29 24.0	-94 28.1	50.1	97.8	109.9	1134	25.5*	0.0*	-26.9*	893.7	70.9	27.9	8.2	-16.9	-18.9	0.3
16:15:30	29 23.5	-94 28.4	50.1	97.1	109.2	1123	25.3*	-0.2*	-27.1*	250.6	70.9	28.1	7.4	12.1	12.1	0.0
16:15:30	29 23.9	-94 28.5	53.7	95.9	109.9	1126	0.0	48.3	-4.7	73.1	78.5	50.0	27.8	14.2	14.2	12.5
16:15:29	29 24.0	-94 28.5	417.6	433.9	10348*	1125	25.8	-1.1	-0.9	71.2	76.2	0.0	207.0	28.7	94.0	204.5
16:16:00	29 25.6	-94 28.5	-89.9	67.7	112.5	933	306.8*	0.0	-28.2	914.5	69.5	29.2	9.7	-16.9	-18.9	0.3
16:16:00	29 25.1	-94 28.8	-89.9	67.2	112.2	923	306.6*	-0.2	-28.4	250.6	69.5	29.5	9.0	13.0	13.0	0.0
16:16:00	29 25.6	-94 28.8	-87.0	70.9	112.3	929	0.0	48.5	-4.1	71.6	77.0	50.0	28.1	15.2	15.2	11.2
16:15:59	29 25.6	-94 28.8	419.9	436.3	10348*	927	26.0	-2.3	-1.4	69.8	74.6	0.0	204.9	312.0	90.2	203.1
16:16:30	29 25.7	-94 30.5	-96.9	-60.0	114.0	758	238.2*	1.2	-23.5*	933.0	67.9	30.4	11.2	-16.9	-18.9	0.3
16:16:30	29 25.1	-94 30.8	-97.1	-60.5	114.4	749	237.9*	1.0	-23.7*	250.6	67.9	30.6	10.5	12.9	12.9	0.0
16:16:30	29 25.6	-94 30.8	-98.5	-57.3	114.0	751	0.1	43.2	-5.8	70.1	75.2	50.0	28.6	15.4	15.4	10.1
16:16:29	29 25.6	-94 30.8	422.1	438.6	10348*	753	26.2	-1.8	-0.6	68.2	72.9	0.0	202.6	242.6	87.3	201.5
16:17:00	29 24.1	-94 31.2	33.6	-107.0	112.2	582	159.1*	1.4	-26.2	951.0	65.5	30.9	12.3	-16.9	-18.9	0.3
16:17:00	29 23.5	-94 31.5	33.3	-107.8	112.8	580	158.8*	1.2	-26.4	250.6	65.6	31.2	11.7	14.2	14.2	0.0
16:17:00	29 24.1	-94 31.6	30.1	-108.4	112.5	593	0.1	49.1	-2.5	67.7	72.9	50.0	29.2	16.3	16.3	9.4
16:16:59	29 24.1	-94 31.6	423.7	440.3	10348*	585	26.2	-3.2	-2.1	65.7	70.6	0.0	199.1	160.0	86.2	198.6
16:17:30	29 23.2	-94 29.7	102.9	16.9	104.3	421	78.1*	0.8	-28.7	969.1	66.7	31.4	12.4	-16.9	-18.8	0.3
16:17:30	29 22.6	-94 30.0	102.8	16.0	104.0	420	77.8*	0.6	-28.9	250.6	66.8	31.6	11.8	15.3	15.3	0.0
16:17:30	29 23.2	-94 30.1	104.0	13.0	104.8	422	0.1	43.8	-5.1	69.0	74.0	50.0	28.9	17.4	17.4	9.3
16:17:29	29 23.2	-94 30.1	423.9	440.5	10348*	421	26.4	-2.6	-1.2	67.1	71.9	0.0	200.9	80.0	95.7	200.3
16:18:00	29 24.4	-94 28.7	-14.6	101.0	102.1	313	353.2*	2.0	-30.5*	980.9	63.2	27.5	9.6	-16.9	-18.8	0.3
16:18:00	29 23.8	-94 29.0	-14.6	100.4	101.4	309	353.0*	1.9	-30.6*	250.6	63.2	27.8	9.1	20.0	20.0	0.0
16:18:00	29 24.3	-94 29.0	-9.9	101.5	101.9	310	0.0	52.7	-0.1	65.6	70.5	50.0	29.9	20.3	20.3	11.3
16:17:59	29 24.3	-94 29.0	419.7	436.1	10347*	313	26.5	-0.5	-1.2	63.2	68.5	0.0	195.6	1.5	92.7	194.3

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
16:18:30	29 25.9	-94 29.7	-65.4	85.2	107.4	127	326.4	2.6	0.1*	1001.1	66.1	29.2	10.5	-16.9	-18.8	0.3
16:18:30	29 25.3	-94 30.0	-65.4	84.6	106.9	129	326.2	2.5	-0.0*	250.6	66.1	29.5	9.9	20.3	20.3	0.0
16:18:30	29 25.8	-94 30.0	-65.1	85.4	107.4	130	0.1	42.5	-5.3	69.2	73.4	50.0	29.1	21.1	21.1	10.6
16:18:29	29 25.8	-94 30.0	421.1	437.6	10348*	133	26.8	9.1	2.4	66.4	71.8	0.0	199.9	333.6	92.2	198.8
16:19:00	29 27.2	-94 31.0	-73.8	78.3	107.6	199	320.2*	8.0	-0.9*	993.5	64.7	28.8	10.4	-16.9	-18.9	0.3
16:19:00	29 26.6	-94 31.3	-73.9	77.7	107.2	201	320.0*	7.2*	-0.0*	250.6	64.8	29.0	9.8	19.8	19.8	0.0
16:19:00	29 27.1	-94 31.3	-73.5	78.6	107.6	192	0.1	29.6	-10.4	68.2	72.0	50.0	29.4	20.9	20.9	10.7
16:18:59	29 27.2	-94 31.3	421.0	437.4	10348*	201	26.6	6.9	1.9	65.1	69.4	0.0	197.9	326.9	89.3	196.8
16:19:30	29 28.6	-94 32.1	-52.6	93.4	107.1	352	334.2	6.6	1.7*	976.3	67.1	29.0	10.1	-16.9	-18.9	0.3
16:19:30	29 28.0	-94 32.4	-52.6	92.7	106.6	353	334.3	6.4	1.5*	250.6	67.1	29.3	9.5	18.9	18.9	0.0
16:19:30	29 28.5	-94 32.4	-52.4	93.5	107.1	344	0.1	31.8	-10.4	70.3	74.6	50.0	28.8	19.8	19.8	10.9
16:19:29	29 28.6	-94 32.4	420.5	436.9	10348*	353	26.5	3.7	1.2	67.4	72.1	0.0	201.4	339.5	93.1	200.9
16:20:00	29 30.2	-94 33.1	-56.4	95.4	110.8	447	331.1	4.6*	-0.3	965.2	67.3	30.5	11.5	-16.9	-18.9	0.3
16:20:00	29 29.5	-94 33.4	-56.4	94.8	110.3	450	330.9	4.5*	-0.4	250.6	67.3	30.8	10.9	15.8	15.8	0.0
16:20:00	29 30.1	-94 33.4	-55.9	95.6	110.7	445	0.0	40.9	-6.5	70.6	75.2	50.0	28.7	17.4	17.4	9.9
16:19:59	29 30.1	-94 33.4	422.5	439.0	10348*	451	28.2	4.2	1.1	67.7	73.1	0.0	201.7	334.8	90.2	200.8
16:20:30	29 31.7	-94 34.2	-62.7	93.1	112.2	483	328.3	2.7	-0.7	961.6	70.0	31.2	11.5	-16.9	-18.9	0.3
16:20:30	29 31.0	-94 34.5	-62.7	92.5	111.8	489	328.1	2.5	-0.8	250.6	70.0	31.4	10.8	15.2	15.2	0.0
16:20:30	29 31.6	-94 34.5	-62.2	93.1	112.0	498	0.0	33.0	-10.7	72.1	77.4	50.0	28.0	17.1	17.1	9.9
16:20:29	29 31.6	-94 34.5	422.5	439.0	10348*	491	26.9	-6.5	-1.0	70.3	74.8	0.0	205.6	330.5	92.3	204.4
16:21:00	29 33.2	-94 35.4	-65.3	96.3	116.4	468	328.2	2.9	-0.7	963.3	74.8	31.5	10.7	-16.9	-18.9	0.2
16:21:00	29 32.6	-94 35.7	-65.3	95.8	115.9	473	328.0	2.7	-0.8	250.6	74.8	31.8	9.9	15.3	15.3	0.0
16:21:00	29 33.1	-94 35.7	-64.9	96.4	116.2	497	0.0	32.0	-12.8	76.7	82.4	50.0	26.7	17.4	17.4	10.5
16:20:59	29 33.2	-94 35.7	421.4	437.9	10348*	474	26.6	-7.5	-1.3	75.1	79.7	0.0	212.3	330.4	94.2	210.4
16:21:30	29 34.8	-94 36.7	-72.7	91.9	117.2	475	324.2	2.9	-1.9	963.3	75.9	30.5	9.5	-16.9	-18.9	0.3
16:21:30	29 34.1	-94 37.0	-72.7	91.3	116.7	476	324.4	2.7	-2.1	250.6	76.0	30.7	8.6	16.0	16.0	0.0
16:21:30	29 34.7	-94 37.0	-72.2	92.1	117.1	475	0.0	32.3	-13.0	78.0	83.7	50.0	26.4	18.1	18.1	11.4
16:21:29	29 34.7	-94 37.0	419.6	435.9	10348*	475	28.7	-7.3	-1.1	76.3	81.1	0.0	214.0	327.1	94.5	211.4
16:22:00	29 36.2	-94 38.1	-77.7	88.0	117.3	469	321.3	2.6	-2.2	963.4	74.3	30.0	9.4	-16.9	-18.9	0.3
16:22:00	29 35.6	-94 38.4	-77.6	87.4	116.9	474	321.2	2.4	-2.3	250.6	74.3	30.1	8.5	16.1	16.1	0.0
16:22:00	29 36.1	-94 38.3	-77.1	88.1	117.1	484	0.1	27.7	-14.3	76.1	81.7	50.0	26.9	18.9	18.9	11.5
16:21:59	29 36.2	-94 38.3	419.4	435.7	10348*	477	28.7	-7.6	-1.2	74.6	79.1	0.0	211.6	324.4	92.2	209.2
16:22:30	29 37.6	-94 39.6	-81.2	84.5	117.2	471	318.8	2.8	-1.2	963.4	74.5	30.8	10.1	-16.9	-18.9	0.2
16:22:30	29 36.9	-94 39.9	-81.2	84.0	116.9	473	318.6	2.6	-1.3	250.6	74.6	31.0	9.2	16.1	16.1	0.0
16:22:30	29 37.5	-94 39.8	-80.8	84.7	117.1	480	0.1	31.0	-13.1	76.3	82.1	50.0	26.8	17.8	17.8	10.9
16:22:29	29 37.6	-94 39.8	420.5	436.9	10348*	476	29.9	-9.4	-1.8	74.9	79.4	0.0	212.0	321.2	92.8	209.9
16:23:00	29 39.0	-94 41.1	-82.7	83.4	117.4	475	318.6	2.7	-0.8	963.3	75.7	28.6	7.8	-16.9	-18.9	0.3
16:23:00	29 38.3	-94 41.4	-82.7	82.9	117.1	476	318.4	2.5	-1.0	250.6	75.7	28.9	7.0	18.1	18.1	0.0
16:23:00	29 38.9	-94 41.3	-82.3	83.5	117.3	483	0.0	32.2	-12.9	77.6	83.3	50.0	26.5	18.8	18.8	12.8
16:22:59	29 38.9	-94 41.3	417.1	433.3	10348*	477	29.1	-7.5	-1.3	76.1	80.8	0.0	213.6	322.3	93.4	210.5

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
16:23:30	29 40.3	-94 42.6	-82.3	84.0	117.6	471	318.1	2.6	0.1*	963.4	75.0	28.5	7.9	-16.9	-18.9	0.3
16:23:30	29 39.6	-94 42.9	-82.3	83.5	117.2	475	318.3	2.4	-0.0*	250.6	75.1	28.8	7.0	17.8	17.8	0.0
16:23:30	29 40.3	-94 42.9	-82.2	83.8	117.4	479	0.1	31.8	-12.9	76.7	82.6	50.0	26.7	19.4	19.4	12.8
16:23:29	29 40.3	-94 42.9	417.2	433.4	10348*	477	26.3	-10.9	-2.2	75.4	79.5	0.0	212.7	320.0	92.2	209.7
16:24:00	29 41.7	-94 44.2	-83.3	83.5	117.9	470	318.3	2.6	-0.5	963.4	76.1	28.5	7.6	-16.9	-18.9	0.3
16:24:00	29 41.0	-94 44.5	-83.3	83.0	117.6	474	318.1	2.5	-0.7	250.6	76.2	28.8	6.7	17.9	17.9	0.0
16:24:00	29 41.6	-94 44.

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
16:28:30	29 51.9	-94 55.8	61.9	81.8	102.6	466	39.1*	3.7	3.1	963.5	62.5	28.2	10.4	-16.9	-18.9	0.3
16:28:30	29 51.2	-94 56.1	61.9	81.4	102.3	469	38.9*	3.5	3.0	250.6	62.6	28.6	10.0	18.4	18.4	0.0
16:28:30	29 51.9	-94 56.0	62.1	82.2	103.0	476	0.1	37.9	-6.2	64.7	69.6	50.0	30.0	18.2	18.2	10.7
16:28:29	29 51.9	-94 56.0	421.0	437.4	10348*	478	30.8	-7.5	-1.9	62.8	67.6	0.0	194.6	39.9	91.1	193.7
16:29:00	29 52.8	-94 54.2	104.0	0.8	104.0	468	90.3*	3.5	28.5	962.1	67.2	27.8	8.9	-16.9	-18.9	0.3
16:29:00	29 52.1	-94 54.5	103.8	0.4	103.8	471	90.4*	3.3	28.3	250.6	67.2	28.0	8.3	17.9	17.9	0.0
16:29:00	29 52.8	-94 54.5	104.4	5.0	104.5	472	0.1	42.6	-6.0	69.8	75.0	50.0	28.8	18.7	18.7	11.9
16:28:59	29 52.8	-94 54.4	418.7	435.1	10348*	480	28.0	-4.1	-0.6	67.5	73.4*	0.0	201.6	86.4	95.8	199.8
16:29:30	29 51.8	-94 52.9	32.3	-104.9	109.8	457	161.6	2.9	4.5*	963.9	68.5	27.5	8.3	-16.9	-18.9	0.3
16:29:30	29 51.0	-94 53.2	32.0	-105.3	110.1	460	161.4	2.7	4.3*	250.6	68.5	27.7	7.7	18.7	18.7	0.0
16:29:30	29 51.8	-94 53.1	33.4	-104.6	109.8	468	0.1	33.5	-9.9	70.2	75.7	50.0	28.4	19.2	19.2	12.4
16:29:29	29 51.8	-94 53.0	417.9	434.2	10348*	473	30.1	-10.6	-2.0	68.8	73.3	0.0	203.4	157.9	91.6	201.2
16:30:00	29 50.0	-94 52.9	-56.4	-98.8	113.7	465	210.4*	3.1	24.3*	962.1	70.0	28.1	8.6	-16.9	-18.9	0.3
16:30:00	29 49.2	-94 53.2	-56.5	-99.2	114.2	465	210.6*	3.0	24.2*	250.6	70.0	28.4	7.9	18.2	18.2	0.0
16:30:00	29 50.0	-94 53.0	-52.8	-100.4	113.4	476	0.1	40.7	-7.6	72.6	77.8	50.0	28.0	19.1	19.1	12.1
16:29:59	29 50.0	-94 53.0	418.3	434.6	10348*	480	34.6	-1.7	-0.0	70.3	75.9	0.0	205.6	207.7	89.7	203.4
16:30:30	29 49.1	-94 54.6	-114.5	-20.5	116.3	462	260.9*	2.9	6.8*	963.7	70.4	28.3	8.6	-16.9	-18.9	0.3
16:30:30	29 48.3	-94 55.0	-114.7	-20.8	116.5	469	260.7*	2.7	6.7*	250.6	70.4	28.5	7.9	18.0	18.0	0.0
16:30:30	29 49.1	-94 54.8	-113.8	-21.4	115.8	471	0.1	33.9	-10.5	72.5	77.9	50.0	27.9	19.4	19.4	12.1
16:30:29	29 49.1	-94 54.8	418.4	434.7	10348*	473	27.4	-6.6	-1.1	70.7	75.8	0.0	206.2	260.6	87.6	203.9
16:31:00	29 49.5	-94 56.7	-79.9	81.8	114.3	477	319.3*	3.3	25.1	962.5	70.4	29.5	9.8	-16.9	-18.9	0.3
16:31:00	29 48.7	-94 57.0	-80.0	81.5	114.2	470	319.2*	3.1	25.0	250.6	70.4	29.7	9.0	17.4	17.4	0.0
16:31:00	29 49.4	-94 56.8	-82.3	79.4	114.4	470	0.1	42.5	-7.1	73.1	78.4	50.0	27.9	19.2	19.2	11.2
16:30:59	29 49.5	-94 56.8	420.0	436.4	10348*	475	32.3	-1.5	-0.0	70.7	76.7*	0.0	206.2	320.2	90.1	204.4
16:31:30	29 51.2	-94 57.0	8.4	110.1	110.4	465	6.4*	3.4	-12.5*	964.5	70.6	28.4	8.7	-16.9	-18.9	0.3
16:31:30	29 50.4	-94 57.4	8.4	109.8	110.1	462	6.5*	3.2	-12.6*	250.6	70.7	28.6	8.0	18.6	18.6	0.0
16:31:30	29 51.1	-94 57.2	10.6	110.2	110.7	466	0.1	35.3	-10.0	72.3	78.1	50.0	27.8	19.2	19.2	12.1
16:31:29	29 51.1	-94 57.2	418.4	434.7	10348*	470	27.0	-12.0	-2.6	71.0	75.4	0.0	206.5	9.1	94.0	204.3
16:32:00	29 52.8	-94 57.8	-73.6	85.8	113.1	465	322.1	3.0	0.3*	963.9	70.8	28.3	8.6	-16.9	-18.9	0.2
16:32:00	29 52.0	-94 58.1	-73.7	85.5	112.9	462	321.9	2.8	0.1*	250.6	70.8	28.6	7.9	18.1	18.1	0.0
16:32:00	29 52.8	-94 57.9	-73.2	85.9	112.9	472	0.1	36.2	-9.5	72.8	78.2	50.0	27.8	18.9	18.9	12.1
16:31:59	29 52.8	-94 57.9	418.3	434.6	10348*	474	27.4	-7.1	-1.4	71.2	75.5	0.0	206.8	324.7	91.6	204.4
16:32:30	29 54.2	-94 59.1	-70.0	88.9	113.2	466	324.4	3.0	-0.2*	963.8	70.1	28.3	8.7	-16.9	-18.9	0.3
16:32:30	29 53.4	-94 59.4	-70.1	88.6	113.0	466	324.3	2.8	-0.3*	250.6	70.1	28.5	8.0	18.5	18.5	0.0
16:32:30	29 54.2	-94 59.2	-69.6	89.0	113.0	473	0.0	35.1	-9.8	72.3	77.6	50.0	28.0	18.9	18.9	12.0
16:32:29	29 54.2	-94 59.2	418.4	434.7	10348*	475	26.9	-4.3	-0.6	70.5	75.3	0.0	205.8	327.7	90.6	203.6
16:33:00	29 55.6	-95 0.5	-74.2	86.0	113.6	460	321.3	3.1	-3.4	963.9	72.3	28.0	8.0	-16.9	-18.9	0.3
16:33:00	29 54.8	-95 0.8	-74.3	85.8	113.5	460	321.1	2.9	-3.6	250.6	72.3	28.3	7.2	18.5	18.5	0.0
16:33:00	29 55.6	-95 0.5	-73.4	86.5	113.5	476	0.1	34.3	-10.9	74.5	79.8	50.0	27.4	19.1	19.1	12.7
16:32:59	29 55.6	-95 0.6	417.4	433.6	10348*	476	29.1	-3.5	-0.3	72.6	77.1	0.0	208.9	324.5	92.7	206.2

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
16:33:30	29 57.0	-95 1.9	-81.9	79.5	114.1	459	316.9	2.8	-1.4	963.9	72.8	28.0	7.8	-16.9	-18.9	0.3
16:33:30	29 56.2	-95 2.3	-82.0	79.3	114.0	460	317.1	2.6	-1.5	250.6	72.8	28.2	7.0	18.5	18.5	0.0
16:33:30	29 56.9	-95 2.0	-81.4	79.7	113.9	475	0.0	30.6	-12.8	74.6	80.3	50.0	27.3	19.1	19.1	12.8
16:33:29	29 57.0	-95 2.0	417.1	433.4	10348*	477	31.8	-8.8	-1.7	73.2	77.4	0.0	209.6	319.5	92.9	206.8
16:34:00	29 58.3	-95 3.5	-82.2	79.0	114.0	454	316.6	2.9	-0.0*	963.7	74.5	28.2	7.7	-16.9	-18.9	0.3
16:34:00	29 57.4	-95 3.8	-82.3	78.8	113.9	458	316.5	2.7	-0.2*	250.6	74.5	28.5	6.9	18.5	18.5	0.0
16:34:00	29 58.2	-95 3.5	-81.8	79.1	113.8	474	0.1	32.8	-12.3	76.3	82.0	50.0	26.8	19.2	19.2	12.9
16:33:59	29 58.2	-95 3.6	416.9	433.2	10348*	479	31.0	-7.4	-1.3	74.8	79.5	0.0	211.9	319.2	95.1	208.9
16:34:30	29 59.6	-95 5.0	-80.8	81.6	114.9	452	317.8	3.1	-1.6*	964.0	75.4	28.4	7.7	-16.9	-18.9	0.3
16:34:30	29 58.8	-95 5.3	-80.9	81.4	114.8	454	317.6	2.9	-1.7*	250.6	75.4	28.7	6.8	18.2	18.2	0.0
16:34:30	29 59.5	-95 5.0	-80.4	81.8	114.7	473	0.1	35.4	-11.5	77.3	83.3	50.0	26.6	19.0	19.0	13.0
16:34:29	29 59.6	-95 5.1	416.9	433.1	10348*	475	35.5	-8.0	-1.6	75.7	79.9	0.0	213.2	320.3	95.4	210.1
16:35:00	30 0.9	-95 6.5	-81.0	80.7	114.4	462	317.3	2.5	-0.4*	963.8	73.8	28.3	7.9	-16.9	-18.9	0.3
16:35:00	30 0.1	-95 6.8	-81.1	80.5	114.3	456	317.1	2.3	-0.5*	250.6	73.8	28.5	7.1	18.5	18.5	0.0
16:35:00	30 0.9	-95 6.5	-80.6	80.8	114.1	472	0.1	33.1	-11.9	75.6	81.4	50.0	27.0	18.9	18.9	12.7
16:34:59	30 0.9	-95 6.6	417.3	433.5	10348*	479	27.2	-8.6	-1.7	74.2	78.5	0.0	211.0	319.4	93.9	208.1
16:35:30	30 2.2	-95 8.0	-81.2	80.5	114.3	462	317.7	3.1	-1.0	964.0	73.0	28.1	7.9	-16.9	-18.9	0.3
16:35:30	30 1.4	-95 8.3	-81.3	80.3	114.3	460	317.8	2.9	-1.2	250.6	73.0	28.3	7.1	18.4	18.4	0.0
16:35:30	30 2.2	-95 8.1	-80.6	80.8	114.2	468	0.1	35.0	-10.8	75.2	80.5	50.0	27.2	19.0	19.0	12.8
16:35:29	30 2.2	-95 8.1	417.2	433.5	10348*	475	28.1	-3.0	-0.3	73.3	77.8	0.0	209.8	321.6	93.1	207.0
16:36:00	30 3.5	-95 9.5	-80.3	80.5	113.7	455	316.9	2.9	-0.9	963.7	71.5	28.3	8.5	-16.9	-18.9	0.3
16:36:00	30 2.7	-95 9.8	-80.4	80.4	113.7	455	316.8	2.7	-1.0	250.6	71.6	28.6	7.7	18.4	18.4	0.0
16:36:00	30 3.5	-95 9.6	-79.7	80.9	113.6	464	0.0	34.3	-10.8	74.1	79.2	50.0	27.6	19.3	19.3	12.3
16:35:59	30 3.5	-95 9.6	418.1	434.3	10348*	478	30.4	0.2	0.3	71.9	76.5	0.0	207.8	320.2	91.8	205.4
16:36:30	30 4.8	-95 11.0	-80.1	80.3	113.4	453	317.0	3.1	-1.1*	964.1	73.4	28.5	8.1	-16.9	-18.9	0.3
16:36:30	30 4.0	-95 11.3	-80.3	80.1	113.4	451	316.8	2.9	-1.3*	250.6	73.4	28.7	7.4	18.2	18.2	0.0
16:36:30	30 4.8	-95 11.0	-79.7	80.6	113.3	474	0.0	31.5	-12.2	74.9	80.9	50.0	27.1	19.0	19.0	12.5
16:36:29	30 4.8	-95 11.1	417.6	433.9	10348*	476	30.7	-13.4	-3.2	73.6	78.0	0.0	210.4	317.6	94.3	207.6
16:37:00	30 6.1	-95 12.5	-80.2	80.4	113.5	459	317.2	2.6	-0.6	963.5	72.5	28.5	8.4	-16.9	-18.9	0.3
16:37:00	30 5.3	-95 12.8	-80.3	80.2	113.5	452	317.0	2.4	-0.7	250.6	72.5	28.8	7.6	18.3	18.3	0.0
16:37:00	30 6.1	-95 12.5	-79.8	80.5	113.3	475	0.1	31.7	-12.1	74.3	79.9	50.0	27.3	19.1	19.1	12.3
16:36:59	30 6.1	-95 12.5	418.0	434.3	10348*	481	27.6	-8.3	-1.5	72.8	77.3	0.0	209.2	319.0	93.2	206.6
16:37:30	30 7.4	-95 14.0	-80.5	80.8	114.1	450	317.6	3.1	-0.7	964.0	73.9	28.7	8.3	-16.9	-18.9	0.3
16:37:30	30 6.6	-95 14.3	-80.7	80.7	114.1	446	317.7	2.9	-0.8	250.6	73.9	29.0	7.5	17.8	17.8	0.0
16:37:30	30 7.4	-95 14.0	-80.1	81.0	114.0	460	0.1	34.8	-11.3	75.9	81.6	50.0	27.0	18.6	18.6	12.4
16:37:29	30 7.4	-95 14.0	417.8	434.1	10348*	475	26.5	-5.7	-0.9	74.3	79.0	0.0	211.1	320.3	94.4	208.3
16:38:00	30 8.7	-95 15.5	-79.7	81.7	114.1	452	317.6	2.8	-1.5	963.9	72.0	28.3	8.3	-16.9	-18.9	0.3
16:38:00	30 7.9	-95 15.8	-79.9	81.6	114.2	449	317.5	2.6	-1.6	250.6	72.0	28.5	7.6	18.4	18.4	0.0
16:38:00	30 8.7	-95 15.5	-79.3	81.8	114.0	469	0.1	32.3	-11.6	73.9	79.3	50.0	27.5	19.0	19.0	12.4
16:37:59	30 8.7	-95 15.5	417.8	434.1	10348*	479	27.1	-6.0	-0.9	72.4	76.3	0.0	208.5	319.7	91.9	205.9

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
16:38:30	30 10.0	-95 17.0	-82.9	78.7	114.3	441	315.6	3.0	-1.2*	964.1	73.7	28.6	8.2	-16.9	-18.8	0.3
16:38:30	30 9.2	-95 17.4	-83.0	78.7	114.3	440	315.4	2.9	-1.3*	250.6	73.7	28.8	7.4	18.1	18.1	0.0
16:38:30	30 10.1	-95 17.0	-82.5	78.9	114.1	451	0.1	32.6	-11.9	75.4	81.1	50.0	27.0	18.9	18.9	12.5
16:38:29	30 10.0	-95 17.0	417.7	433.9	10348*	477	29.4	-8.6	-1.8	74.0	78.2	0.0	210.8	317.4	93.9	208.1
16:39:00	30 11.3	-95 18.6	-83.2	77.6	113.8	442	315.9	3.0	-1.7*	963.9	72.6	28.4	8.3	-16.9	-18.9	0.3
16:39:00	30 10.5	-95 18.9	-83.3	77.6	113.8	437	315.7	2.8	-1.8*	250.6	72.6	28.7	7.5	18.1	18.1	0.0
16:39:00	30 11.3	-95 18.5	-82.8	77.8	113.6	451	0.1	33.1	-11.3	74.2	80.2	50.0	27.3	19.0	19.0	12.4
16:38:59	30 11.3	-95 18.6	417.8	434.1	10348*	480	27.0	-11.7	-2.8	73.0	77.4	0.0	209.3	318.0	93.1	206.7
16:39:30	30 12.6	-95 20.1	-83.4	77.3	113.7	439	315.2	2.9	-0.8*	964.1	72.0	28.5	8.5	-16.9	-18.9	0.3
16:39:30	30 11.7	-95 20.5	-83.5	77.3	113.8	432	315.4	2.7	-0.9*	250.6	72.0	28.7	7.8	18.2	18.2	0.0
16:39:30	30 12.6	-95 20.1	-83.2	77.1	113.4	433	0.1	30.9	-12.2	73.5	79.4	50.0	27.5	19.2	19.2	12.2
16:39:29	30 12.6	-95 20.1	418.1	434.4	10348*	478	27.3	-10.8	-2.2	72.3	76.4	0.0	208.4	316.9	92.3	205.9
16:40:00	30 13.8	-95 21.7	-83.6	77.2	113.8	430	315.6	3.1	-0.9	964.0	71.3	28.3	8.5	-16.9	-18.9	0.3
16:40:00	30 13.0	-95 22.0	-83.7	77.2	113.9	430	315.5	3.0	-1.0*	250.6	71.4	28.6	7.8	18.1	18.1	0.0
16:40:00	30 13.8	-95 21.6	-83.2	77.3	113.6	447	0.0	33.3	-11.0	73.3	78.8	50.0	27.7	18.9	18.9	12.2
16:39:59	30 13.8	-95 21.7	418.1	434.4	10348*	477	34.9	-6.3	-1.1	71.7	76.4	0.0	207.5	318.7	91.6	205.1
16:40:30	30 15.1	-95 23.2	-82.1	79.0	113.9	431	316.3	2.4	-0.0	963.9	72.6	28.8	8.6	-16.9	-18.9	0.3
16:40:30	30 14.2	-95 23.6	-82.2	79.0	114.0	429	316.1	2.3	-0.2	250.6	72.6	29.0	7.9	18.3	18.3	0.0
16:40:30	30 15.1	-95 23.2	-81.7	79.0	113.7	457	0.1	32.3	-11.7	74.1	80.2	50.0	27.3	19.1	19.1	12.1
16:40:29	30 15.1	-95 23.2	418.3	434.6	10348*	478	28.9	-13.3	-3.0	72.9	77.5	0.0	209.3	317.3	93.0	206.8
16:41:00	30 16.4	-95 24.8	-82.0	80.0	114.6	421	315.7	3.0	0.1	963.9	72.6	28.8	8.7	-16.9	-18.9	0.3
16:41:00	30 15.5	-95 25.1	-82.2	80.0	114.7	419	315.5	2.8	-0.1	250.6	72.6	29.1	7.9	18.1	18.1	0.0
16:41:00	30 16.4	-95 24.7	-81.6	80.2	114.4	451	0.0	32.5	-12.0	75.2	80.2	50.0	27.3	19.1	19.1	12.1
16:40:59	30 16.4	-95 24.8	418.4	434.7	10348*	475	29.3	2.2	0.8	73.0	78.1	0.0	209.3	318.7	92.4	206.8
16:41:30	30 17.7	-95 26.3	-80.9	79.7	113.5	416	316.3	3.3	0.0*	964.0	71.6	28.9	8.9	-16.9	-18.9	0.3
16:41:30	30 16.8	-95 26.6	-81.1	79.7	113.7	417	316.4	3.1	-0.2*	250.6	71.6	29.1	8.2	18.1	18.1	0.0
16:41:30	30 17.7	-95 26.3	-80.6	79.8	113.4	466	0.0	35.4	-10.1	73.6	79.1	50.0	27.6	19.0	19.0	11.8
16:41:29	30 17.7	-95 26.3	418.8	435.1	10348*	476	36.8	-6.6	-1.3	72.0	76.6	0.0	207.9	317.8	92.2	205.6
16:42:00	30 18.4	-95 28.1	-113.3	-16.5	114.5	417	260.4*	3.4*	-25.3	964.6	70.4	28.7	9.0	-16.9	-18.9	0.3
16:42:00	30 17.5	-95 28.5	-113.4	-16.5	114.6	416	260.5*	3.2*	-25.4	250.6	70.4	29.0	8.3	18.1	18.1	0.0
16:42:00	30 18.5	-95 28.1	-113.4	-13.7	114.2	462	0.1	32.9	-10.9	72.2	77.8	50.0	27.9	18.9	18.9	11.8
16:41:59	30 18.4	-95 28.1	418.9	435.3	10348*	478	35.9	-8.4	-1.9	70.7	74.8	0.0	206.2	261.5	89.7	204.1
16:42:30	30 17.2	-95 29.6	-26.7	-106.8	110.1	444	191.3*	4.0	-24.9	964.1	65.7	28.5	9.9	-16.9	-18.9	0.2
16:42:30	30 16.4	-95 30.0	-26.9	-106.8	110.2	438	191.3*	3.8	-25.1	250.6	65.8	28.7	9.3	18.0	18.0	0.0
16:42:30	30 17.3	-95 29.6	-29.6	-106.0	110.0	479	0.1	41.6	-5.7	67.7	73.3	50.0	29.2	19.1	19.1	11.1
16:42:29	30 17.3	-95 29.6	420.2	436.6	10348*	479	27.5	-9.2	-2.6	66.0	70.0	0.0	199.4	191.1	88.0	198.1
16:43:00	30 15.5	-95 29.5	17.1	-108.0	109.4	443	169.4*	3.5	-0.9	964.2	66.5	28.5	9.8	-16.9	-18.9	0.2
16:43:00	30 14.6	-95 29.8	16.8	-108.1	109.4	439	169.3*	3.4	-1.0	250.6	66.5	28.8	9.2	18.3	18.3	0.0
16:43:00	30 15.6	-95 29.5	17.6	-108.0	109.4	472	0.1	34.1	-8.7	68.0	73.7	50.0	29.0	19.0	19.0	11.2
16:42:59	30 15.6	-95 29.4	420.0	436.4	10348*	477	29.5	-12.6	-2.8	66.7	70.9	0.0	200.5	165.7	89.8	199.0

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
16:43:30	30 13.7	-95 29.3	-15.8	-109.1	110.3	433	187.2*	3.0	0.1*	963.8	65.4	28.2	9.7	-16.9	-18.9	0.3
16:43:30	30 12.9	-95 29.6	-16.1	-109.2	110.3	426	187.0*	2.8	-0.1*	250.6	65.5	28.5	9.2	18.2	18.2	0.0
16:43:30	30 13.8	-95 29.2	-15.4	-109.0	110.1	474	0.1	34.2	-8.4	66.9	72.5	50.0	29.3	19.0	19.0	11.2
16:43:29	30 13.8	-95 29.2	419.9	436.3	10348*	481	28.5	-13.9	-3.1	65.7	69.6	0.0	198.9	183.5	87.4	197.5
16:44:00	30 11.9	-95 29.6	-17.3	-109.7	111.0	435	187.4	3.5	-0.2	963.6	67.3	28.4	9.4	-16.9	-18.8	0.2
16:44:00	30 11.1	-95 29.9	-17.7	-109.7	111.1	435	187.5	3.3	-0.4	250.6	67.4	28.6	8.8	18.5	18.5	0.0
16:44:00	30 12.0	-95 29.5	-17.0	-109.7	111.0	479	0.1	40.3	-6.7	69.4	74.8	50.0

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
16:48:30	29 55.5	-95 31.9	-13.9	-113.1	113.9	435	185.4	2.7	-0.1	964.1	69.9	28.8	9.2	-16.9	-18.9	0.3
16:48:30	29 54.7	-95 32.3	-14.3	-113.1	114.0	438	185.5	2.5	-0.3	250.6	69.9	29.0	8.5	18.6	18.6	0.0
16:48:30	29 55.6	-95 31.8	-13.8	-113.1	113.9	463	0.0	28.1	-12.8	71.8	76.9	50.0	28.0	19.2	19.2	11.6
16:48:29	29 55.6	-95 31.8	419.2	435.6	10348*	476	36.3	-4.0	-0.4	70.3	74.1	0.0	205.4	183.2	89.6	203.5
16:49:00	29 53.7	-95 32.2	-15.7	-113.3	114.3	440	186.1	3.0	-0.1	963.8	72.9	29.0	8.7	-16.9	-18.9	0.3
16:49:00	29 52.9	-95 32.6	-16.1	-113.2	114.4	441	185.9	2.8	-0.3	250.6	73.0	29.2	8.0	18.5	18.5	0.0
16:49:00	29 53.8	-95 32.1	-15.6	-113.3	114.4	459	0.1	33.8	-11.3	75.0	80.6	50.0	27.2	19.4	19.4	12.0
16:48:59	29 53.8	-95 32.1	418.5	434.8	10348*	474	35.8	-5.4	-0.8	73.4	78.3	0.0	209.8	183.7	93.1	207.3
16:49:30	29 51.9	-95 32.5	-15.5	-113.4	114.5	435	186.1	3.0	-0.3	964.0	73.2	29.8	9.5	-16.9	-18.9	0.3
16:49:30	29 51.0	-95 32.9	-15.9	-113.4	114.5	439	185.9	2.8	-0.5	250.6	73.2	30.1	8.7	18.0	18.0	0.0
16:49:30	29 51.9	-95 32.4	-15.3	-113.5	114.5	458	0.0	33.1	-11.7	74.9	80.6	50.0	27.2	18.7	18.7	11.4
16:49:29	29 51.9	-95 32.4	419.5	435.9	10348*	473	39.2	-7.9	-1.4	73.6	77.8	0.0	210.2	183.3	93.6	207.9
16:50:00	29 50.0	-95 32.7	-15.3	-113.0	114.0	442	186.6	3.0	-0.8	964.0	72.4	29.4	9.3	-16.9	-18.9	0.3
16:50:00	29 49.2	-95 33.2	-15.7	-113.0	114.1	445	186.6	2.8	-0.9	250.6	72.4	29.7	8.5	18.2	18.2	0.0
16:50:00	29 50.1	-95 32.7	-15.2	-113.1	114.1	462	0.0	33.0	-11.5	74.3	79.9	50.0	27.4	19.2	19.2	11.6
16:49:59	29 50.1	-95 32.7	419.3	435.6	10348*	473	34.3	-6.6	-1.0	72.8	77.5	0.0	209.0	184.8	92.8	206.8
16:50:30	29 48.4	-95 32.1	87.3	-66.5	109.8	440	124.5*	3.6	-25.4	964.4	68.3	29.0	9.7	-16.9	-18.8	0.3
16:50:30	29 47.6	-95 32.6	87.0	-66.6	109.5	441	124.5*	3.4	-25.6	250.6	68.4	29.2	9.1	18.9	18.9	0.0
16:50:30	29 48.5	-95 32.1	85.4	-69.3	110.0	467	0.1	41.3	-6.8	70.0	75.9	50.0	28.5	19.6	19.6	11.2
16:50:29	29 48.4	-95 32.1	420.0	436.4	10348*	473	28.8	-12.6	-3.6	68.6	72.7	0.0	203.2	123.5	91.9	201.6
16:51:00	29 48.2	-95 30.2	106.4	7.6	106.7	438	86.6	3.5	1.3	964.4	67.2	29.0	10.0	-16.9	-18.9	0.3
16:51:00	29 47.3	-95 30.7	106.2	7.6	106.4	442	86.7	3.3	1.1	250.6	67.2	29.2	9.4	18.6	18.6	0.0
16:51:00	29 48.2	-95 30.2	106.6	8.1	106.9	466	0.1	37.1	-8.0	68.9	74.6	50.0	28.8	19.3	19.3	11.0
16:50:59	29 48.2	-95 30.2	420.4	436.8	10348*	469	39.9	-11.8	-2.8	67.5	71.8	0.0	201.6	85.4	93.4	200.1
16:51:30	29 48.2	-95 28.2	107.0	-4.4	107.1	448	92.5	3.1	-0.7	963.7	68.5	29.0	9.7	-16.9	-18.9	0.3
16:51:30	29 47.3	-95 28.7	106.7	-4.5	106.8	452	92.4	3.0	-0.9	250.6	68.5	29.2	9.1	18.8	18.8	0.0
16:51:30	29 48.2	-95 28.2	107.1	-4.4	107.2	473	0.1	38.1	-7.9	70.7	75.9	50.0	28.4	19.5	19.5	11.2
16:51:29	29 48.2	-95 28.2	419.9	436.3	10348*	475	35.5	-4.1	-0.7	68.8	72.6	0.0	203.4	92.8	94.6	201.8
16:52:00	29 48.1	-95 26.2	107.6	-8.5	107.9	451	94.0	3.1	0.2*	963.8	69.9	29.2	9.6	-16.9	-18.8	0.3
16:52:00	29 47.2	-95 26.7	107.3	-8.6	107.6	451	93.7	2.9	0.0*	250.6	70.0	29.4	8.9	18.4	18.4	0.0
16:52:00	29 48.1	-95 26.2	107.7	-8.4	108.1	471	0.1	32.8	-10.8	72.3	77.2	50.0	28.0	19.2	19.2	11.3
16:51:59	29 48.1	-95 26.2	419.7	436.1	10348*	473	34.3	-0.5	0.4	70.3	74.7	0.0	205.6	93.9	95.8	203.7
16:52:30	29 47.9	-95 24.3	94.0	-7.7	94.3	452	94.5	2.1	-0.7	965.1	52.4	27.7	12.4	-16.9	-18.9	0.2
16:52:30	29 47.1	-95 24.8	93.7	-7.8	94.0	454	94.6	1.9	-0.8	250.6	52.5	28.0	12.1	18.4	18.4	0.0
16:52:30	29 48.0	-95 24.3	94.6	-7.8	94.9	474	0.0	21.6	-9.9	53.9	58.2	50.0	32.9	19.2	19.2	9.3
16:52:29	29 48.0	-95 24.3	423.9	440.5	10348*	473	35.1	-4.6	-1.4	52.7	55.8	0.0	178.5	94.0	84.8	179.1
16:53:00	29 47.8	-95 22.6	92.7	-3.5	92.7	452	91.7*	0.8	-3.7*	965.9	49.9	27.3	12.6	-16.9	-18.9	0.2
16:53:00	29 47.0	-95 23.1	92.4	-3.5	92.4	455	91.8*	0.7	-3.8*	250.6	49.9	27.6	12.5	19.2	19.2	0.0
16:53:00	29 47.9	-95 22.6	92.7	-3.8	92.7	466	0.0	12.9	-12.5	50.9	55.2	50.0	33.6	19.3	19.3	9.2
16:52:59	29 47.9	-95 22.6	424.2	440.8	10348*	471	36.1	-8.0	-2.8	49.9	52.3	0.0	174.1	90.0	82.2	175.0

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
16:53:30	29 47.8	-95 20.9	93.4	-0.9	93.4	447	89.3	1.3	-0.3*	966.0	51.1	27.5	12.4	-16.9	-18.8	0.3
16:53:30	29 47.0	-95 21.4	93.1	-1.0	93.1	452	89.2	1.2	-0.4*	250.6	51.1	27.8	12.3	19.0	19.0	0.0
16:53:30	29 47.8	-95 20.8	93.5	-1.0	93.5	469	0.1	13.3	-12.9	52.5	56.6	50.0	33.3	18.8	18.8	9.3
16:53:29	29 47.8	-95 20.8	424.0	440.6	10347*	468	35.1	-5.1	-1.7	51.3	53.9	0.0	176.3	87.3	83.6	177.0
16:54:00	29 47.8	-95 19.2	92.2	4.1	92.2	452	87.2	1.2	-1.3	966.0	52.7	27.5	12.1	-16.9	-18.9	0.2
16:54:00	29 47.0	-95 19.7	91.8	4.1	91.9	455	86.9	1.0	-1.4	250.6	52.7	27.9	11.9	18.8	18.8	0.0
16:54:00	29 47.9	-95 19.1	92.2	4.1	92.3	465	0.1	11.9	-14.0	54.0	58.2	50.0	32.8	19.2	19.2	9.5
16:53:59	29 47.9	-95 19.1	423.5	440.1	10348*	467	31.1	-5.9	-1.7	52.8	55.4	0.0	178.9	86.2	87.2	179.4
16:54:30	29 47.9	-95 17.4	91.7	5.2	91.8	449	85.9	1.3	0.1	965.9	51.8	27.4	12.2	-16.9	-18.9	0.2
16:54:30	29 47.0	-95 18.0	91.4	5.2	91.5	453	85.9	1.2	-0.1	250.6	51.9	27.8	12.0	18.7	18.7	0.0
16:54:30	29 47.9	-95 17.4	91.7	5.3	91.9	467	0.1	13.2	-13.1	52.9	57.3	50.0	33.1	19.0	19.0	9.4
16:54:29	29 47.9	-95 17.4	423.7	440.2	10348*	468	38.2	-7.3	-2.2	52.0	54.5	0.0	177.5	83.9	86.3	178.1
16:55:00	29 47.9	-95 15.7	91.5	-0.1	91.5	454	89.0*	1.0	1.4	965.7	50.7	27.3	12.4	-16.9	-18.9	0.2
16:55:00	29 47.1	-95 16.3	91.2	-0.2	91.2	457	89.1*	0.9	1.2	250.6	50.8	27.7	12.2	19.0	19.0	0.0
16:55:00	29 48.0	-95 15.7	91.5	-0.2	91.5	465	0.0	10.2	-13.9	52.5	56.0	50.0	33.4	19.2	19.2	9.3
16:54:59	29 48.0	-95 15.7	424.0	440.5	10348*	468	33.3	2.0	0.7	50.9	53.6	0.0	175.6	89.0	84.8	176.4
16:55:30	29 47.9	-95 14.0	91.3	-2.6	91.4	455	90.8	1.2	-1.1*	966.1	49.0	27.5	13.0	-16.9	-18.8	0.2
16:55:30	29 47.1	-95 14.6	91.0	-2.7	91.0	458	90.6	1.1	-1.2*	250.6	49.0	27.8	12.9	18.9	18.9	0.0
16:55:30	29 48.0	-95 14.0	91.3	-2.7	91.3	470	0.1	11.6	-12.9	50.0	54.2	50.0	33.9	19.1	19.1	8.9
16:55:29	29 48.0	-95 14.0	424.8	441.4	10348*	467	32.5	-8.0	-2.5	49.1	51.5	0.0	172.6	88.5	82.3	173.6
16:56:00	29 47.7	-95 12.4	71.6	-57.9	92.0	469	127.7*	2.3	24.7*	964.7	47.3	27.0	13.0	-16.9	-18.9	0.2
16:56:00	29 46.8	-95 12.9	71.2	-58.0	91.8	466	127.6*	2.1	24.5*	250.6	47.3	27.3	12.9	19.0	19.0	0.0
16:56:00	29 47.7	-95 12.3	73.7	-55.1	92.0	466	0.1	21.9	-8.3	49.0	53.1	50.0	34.4	19.2	19.2	8.9
16:55:59	29 47.7	-95 12.3	424.8	441.4	10348*	468	27.8	-2.8	-0.4	47.5	50.8	0.0	169.7	122.9	79.0	170.8
16:56:30	29 46.6	-95 11.2	71.2	-60.1	93.2	460	128.8	1.5	2.5*	965.7	50.0	27.3	12.6	-16.9	-18.9	0.2
16:56:30	29 45.7	-95 11.8	70.8	-60.2	92.9	463	129.0	1.3	2.3*	250.6	50.1	27.7	12.5	19.0	19.0	0.0
16:56:30	29 46.6	-95 11.2	71.3	-59.8	93.1	463	0.1	17.9	-10.6	51.2	55.6	50.0	33.6	19.0	19.0	9.2
16:56:29	29 46.6	-95 11.1	424.2	440.8	10348*	468	32.0	-7.6	-2.1	50.3	52.8	0.0	174.4	125.6	82.2	175.3
16:57:00	29 45.6	-95 9.9	70.8	-62.9	94.7	463	129.8	1.2	0.7	965.8	50.9	27.3	12.4	-16.9	-18.9	0.2
16:57:00	29 44.7	-95 10.5	70.4	-63.0	94.5	461	129.8	1.0	0.5	250.6	51.0	27.7	12.2	18.2	18.2	0.0
16:57:00	29 45.6	-95 9.8	70.8	-62.8	94.6	469	0.1	11.2	-13.6	52.0	56.3	50.0	33.3	18.8	18.8	9.3
16:56:59	29 45.6	-95 9.8	423.9	440.5	10348*	469	29.0	-9.0	-2.7	51.0	53.5	0.0	176.0	126.0	82.1	176.7
16:57:30	29 44.5	-95 8.6	62.3	-73.5	96.3	462	138.0*	1.9	25.3*	964.8	53.1	27.2	11.7	-16.9	-18.9	0.2
16:57:30	29 43.7	-95 9.1	61.9	-73.6	96.2	459	137.8*	1.8	25.1*	250.6	53.1	27.5	11.4	18.9	18.9	0.0
16:57:30	29 44.6	-95 8.5	64.9	-71.0	96.2	465	0.1	19.9	-10.9	55.3	59.0	50.0	32.7	19.4	19.4	9.8
16:57:29	29 44.6	-95 8.5	422.9	439.4	10348*	467	28.3	3.8	1.1	53.4	56.7	0.0	179.6	134.7	83.7	179.9
16:58:00	29 43.0	-95 8.4	-7.3	-98.3	98.6	447	182.4*	0.8	-12.9*	966.2	54.4	28.0	12.2	-16.9	-18.9	0.3
16:58:00	29 42.2	-95 8.9	-7.7	-98.4	98.7	450	182.4*	0.7	-13.0*	250.6	54.4	28.3	11.9	19.1	19.1	0.0
16:58:00	29 43.1	-95 8.3	-9.1	-98.3	98.8	458	0.1	7.8	-16.6	55.9	60.0	50.0	32.3	19.5	19.5	9.4
16:57:59	29 43.1	-95 8.3	423.6	440.1	10348*	467	36.7	-6.6	-2.0	54.4	56.7	0.0	181.7	180.1	83.6	182.1

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
16:58:30	29 41.9	-95 7.4	93.1	-12.2	93.9	465	96.5*	1.6*	-28.3	966.3	52.4	27.6	12.2	-16.9	-18.9	0.3
16:58:30	29 41.0	-95 8.0	92.8	-12.4	93.6	464	96.4*	1.5*	-28.5	250.6	52.5	28.0	12.1	19.1	19.1	0.0
16:58:30	29 41.9	-95 7.4	92.6	-15.5	93.8	466	0.1	10.6	-14.5	53.5	58.0	50.0	32.9	19.4	19.4	9.4
16:58:29	29 41.9	-95 7.3	423.7	440.3	10348*	472	38.0	-9.6	-3.3	52.4	54.7	0.0	178.5	95.9	85.2	179.1
16:59:00	29 42.1	-95 5.7	95.0	2.0	95.0	456	88.0*	0.8	10.5*	965.5	54.2	27.6	11.8	-16.9	-18.9	0.2
16:59:00	29 41.2	-95 6.2	94.7	1.8	94.8	459	88.2*	0.7	10.3*	250.6	54.2	27.9	11.6	19.1	19.1	0.0
16:59:00	29 42.1	-95 5.6	94.8	3.4	94.9	470	0.1	8.1	-16.2	55.7	59.7	50.0	32.4	19.4	19.4	9.7
16:58:59	29 42.1	-95 5.6	423.1	439.6	10348*	468	38.0	-4.8	-1.4	54.2	57.0	0.0	181.4	86.1	86.7	181.7
16:59:30	29 41.6	-95 4.0	66.7	-70.2	96.9	463	134.7*	1.3	18.4	964.9	53.1	27.7	12.1	-16.9	-18.9	0.2
16:59:30	29 40.7	-95 4.6	66.4	-70.4	96.8	467	134.6*	1.2	18.2	250.6	53.1	28.0	11.9	18.9	18.9	0.0
16:59:30	29 41.6	-95 4.0	68.4	-68.5	96.8	465	0.0	14.9	-13.1	54.7	58.9	50.0	32.7	19.0	19.0	9.5
16:59:29	29 41.6	-95 4.0	423.5	440.1	10348*	471	33.2	-4.3	-1.4	53.3	56.1	0.0	179.6	130.6	83.4	180.1
17:00:00	29 40.1	-95 3.4	20.5	-97.3	99.4	457	166.5	0.7	2.2*	965.8	56.1	27.8	11.6	-16.9	-18.9	0.2
17:00:00	29 39.2	-95 4.0	20.2	-97.4	99.5	460	166.4	0.5	2.0*	250.6	56.1	28.2	11.3	18.9	18.9	0.0
17:00:00	29 40.2	-95 3.4	20.5	-97.3	99.4	461	0.1	10.2	-15.5	57.8	61.8	50.0	31.8	19.3	19.3	9.8
16:59:59	29 40.1	-95 3.3	422.7	439.2	10348*	468	37.5	-1.5	-0.6	56.2	58.7	0.0	184.5	164.8	85.2	184.6
17:00:30	29 38.7	-95 4.0	-76.7	-64.0	99.9	457	231.0	0.9	5.9	966.0	54.0	27.8	12.0	-16.9	-18.9	0.2
17:00:30	29 37.8	-95 4.6	-77.0	-64.1	100.2	459	230.9	0.7	5.7	250.6	54.0	28.1	11.8	18.5	18.5	0.0
17:00:30	29 38.7	-95 3.9	-76.5	-64.7	100.2	461	0.1	8.5	-15.9	55.2	59.6	50.0	32.4	19.0	19.0	9.5
17:00:29	29 38.7	-95 3.9	423.4	439.9	10348*	465	38.0	-9.5	-2.8	54.0	57.0	0.0	181.1	229.8	81.5	181.5
17:01:00	29 37.6	-95 5.3	-33.0	-94.4	100.0	460	199.0*	2.1	-28.3*	966.7	53.0	27.9	12.3	-16.9	-18.9	0.3
17:01:00	29 36.7	-95 5.9	-33.4	-94.6	100.3	464	198.7*	1.9	-28.4*	250.6	53.0	28.2	12.1	19.3	19.3	0.0
17:01:00	29 37.6	-95 5.3	-36.9	-93.2	100.2	461	0.1	16.4	-12.0	54.0	58.8	50.0	32.7	19.5	19.5	9.3
17:00:59	29 37.6	-95 5.3	423.8	440.4	10348*	466	40.3	-11.8	-3.6	53.1	55.3	0.0	179.4	199.4	79.9	180.0
17:01:30	29 36.2	-95 4.7	85.8	-35.9	93.0	466	110.6*	2.4	-26.7*	966.7	51.2	27.5	12.4	-16.9	-18.9	0.2
17:01:30	29 35.4	-95 5.3	85.5	-36.1	92.8	463	110.3*	2.2	-26.8*	250.6	51.2	27.8	12.2	18.5	18.5	0.0
17:01:30	29 36.3	-95 4.7	84.3	-39.5	93.1	461	0.1	18.1	-10.9	52.2	57.0	50.0	33.3	19.2	19.2	9.3
17:01:29	29 36.3	-95 4.7	424.0	440.5	10348*	465	28.8	-9.6	-2.8	51.3	52.9	0.0	176.4	109.4	84.1	177.1
17:02:00	29 36.1	-95 3.0	92.0	8.0	92.3	461	84.6	1.0	-4.1	965.7	52.1	27.4	12.2	-16.9	-18.9	0.2
17:02:00	29 35.3	-95 3.6	91.7	7.7	92.0	469	84.4	0.8	-4.2	250.6	52.1	27.8	12.0	17.7	17.7	0.0
17:02:00	29 36.2	-95 3.0	91.7	7.4	92.0	469	0.1	10.5	-14.4	53.2	57.5	50.0	33.0	18.1	18.1	9.4
17:01:59	29 36.2	-95 3.0	423.6	440.1	10348*	470	27.2	-7.8	-2.4	52.2	54.8	0.0	177.9	83.1	86.2	178.5
17:02:30	29 36.4	-95 1.3	89.9	27.1	93.9	458	73.6*	0.7	-4.3	965.7	53.9	28.3	12.6	-16.9	-18.9	0.2
17:02:30	29 35.5	-95 1.9	89.6	26.8	93.5	462	73.5*	0.6	-4.5	250.6	53.9	28.7	12.4	17.0	17.0	0.0
17:02:30	29 36.4	-95 1.3	89.6	26.5	93.4	466	0.1	8.8	-15.7	55.2	59.5	50.0	32.5	17.6	17.6	9.2
17:02:29	29 36.4	-95 1.3	424.2	440.8	10348*	469	29.7	-8.4	-2.5	53.9	56.4	0.0	180.9	73.0	87.5	181.4
17:03:00	29 36.5	-94 59.5	88.1	-55.4	104.0	464	122.9*	4.0	27.7	962.8	63.3	28.9	10.9	-16.9	-18.9	0.2
17:03:00	29 35.6	-95 0.2	87.7	-55.6	103.9	466	123.0*	3.8	27.6	250.6	63.4	29.2	10.4	16.6	16.6	0.0
17:03:00	29 36.5	-94 59.5	89.8	-51.6	103.6	469	0.0	44.0	-4.2	65.6	70.9	50.0	29.8	17.8	17.8	10.3
17:02:59	29 36.5	-94 59.5	421.7	438.2	10348*	471	26.5	-9.3	-2.5	63.5	69.1	0.0	195.8	117.8	91.1	195.0

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
17:03:30	29 35.2	-94 58.2	82.2	-77.6	113.1	469	132.0	2.8	-3.0*	963.8	73.3	30.9	10.4	-16.9	-18.9	0.2
17:03:30	29 34.3	-94 58.8	81.8	-77.9	112.9	474	131.8	2.6	-3.2*	250.6	73.3	31.1	9.6	16.2	16.2	0.0
17:03:30	29 35.3	-94 58.2	81.6	-77.9	112.8	471	0.1	29.9	-13.1	75.3	80.7	50.0	27.1	17.8	17.8	10.7
17:03:29	29 35.2	-94 58.2	421.0	437.4	10348*	473	26.5	-5.7	-1.1	73.6	77.9	0.0	210.2	130.4	95.3	208.3
17:04:00	29 33.9	-94 56.6	84.8	-79.1	116.0	467	131.9	2.5	-0.9	963.8	76.7	31.4	10.2	-16.9	-18.8	0.2
17:04:00	29 33.0	-94 57.3	84.4	-79.3	115.8	472	131.7	2.3	-1.0	250.6	76.7	31.6	9.3	16.0	16.0	0.0
17:04:00	29 34.0	-94 56.6	84.5	-79.2	115.8	469	0.1	28.8	-14.7	78.4	84.3	50.0

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
17:08:30	29 22.4	-94 42.8	79.9	-77.9	111.6	467	131.7	3.0	0.0	963.6	71.3	29.0	9.1	-16.9	-18.9	0.2
17:08:30	29 21.4	-94 43.5	79.4	-78.3	111.5	472	131.8	2.8	-0.1	250.6	71.3	29.3	8.4	18.6	18.6	0.0
17:08:30	29 22.4	-94 42.9	79.4	-78.1	111.4	449	0.0	32.6	-11.4	73.4	78.7	50.0	27.7	18.4	18.4	11.7
17:08:29	29 22.4	-94 42.8	419.0	435.4	10348*	475	27.1	-2.9	-0.7	71.7	76.1	0.0	207.4	128.7	93.9	205.3
17:09:00	29 21.1	-94 41.3	79.0	-78.4	111.3	467	132.1	2.8	-0.6	963.7	71.2	28.9	9.1	-16.9	-18.9	0.3
17:09:00	29 20.1	-94 42.1	78.5	-78.8	111.2	472	132.0	2.6	-0.7	250.6	71.2	29.2	8.4	17.9	17.9	0.0
17:09:00	29 21.1	-94 41.4	78.5	-78.6	111.1	467	0.1	31.9	-11.7	73.3	78.5	50.0	27.7	18.4	18.4	11.7
17:08:59	29 21.1	-94 41.4	419.0	435.3	10348*	475	26.8	-2.1	-0.6	71.5	75.9	0.0	207.3	129.3	94.0	205.1
17:09:30	29 19.8	-94 39.8	81.7	-75.7	111.4	464	131.3	3.0	-1.0	964.1	69.9	31.0	11.3	-16.9	-18.9	0.2
17:09:30	29 18.9	-94 40.6	81.1	-76.1	111.3	469	131.1	2.8	-1.1	250.6	70.0	31.3	10.6	15.5	15.5	0.0
17:09:30	29 19.9	-94 39.9	81.1	-75.9	111.1	463	0.1	32.5	-10.9	71.9	77.1	50.0	28.0	17.3	17.3	10.0
17:09:29	29 19.8	-94 39.9	422.3	438.8	10348*	471	26.6	-5.6	-1.3	70.3	74.0	0.0	205.6	129.3	93.0	204.3
17:10:00	29 18.4	-94 38.7	13.3	-111.0	111.8	470	173.8*	3.0	24.4	962.7	68.4	31.0	11.7	-16.9	-18.8	0.2
17:10:00	29 17.5	-94 39.4	12.7	-111.4	112.1	472	173.9*	2.8	24.3	250.6	68.4	31.3	11.0	15.5	15.5	0.0
17:10:00	29 18.4	-94 38.7	16.3	-110.7	111.9	468	0.1	39.8	-7.5	70.6	75.9	50.0	28.4	17.4	17.4	9.8
17:09:59	29 18.4	-94 38.7	422.9	439.4	10348*	474	26.6	-6.1	-1.2	68.7	73.6	0.0	203.3	170.2	90.5	202.3
17:10:30	29 16.9	-94 39.5	-81.5	-77.4	112.4	460	225.6	3.1	-1.8*	964.4	67.2	29.7	10.7	-16.9	-18.9	0.2
17:10:30	29 15.9	-94 40.3	-82.0	-77.7	113.0	465	225.6	2.9	-1.9*	250.6	67.2	30.0	10.1	16.2	16.2	0.0
17:10:30	29 16.9	-94 39.6	-82.3	-77.4	113.0	465	0.0	35.2	-8.9	69.3	74.5	50.0	28.8	18.1	18.1	10.4
17:10:29	29 16.8	-94 39.6	421.5	437.9	10348*	467	26.5	-5.9	-1.3	67.6	71.8	0.0	201.6	224.4	88.0	200.4
17:11:00	29 15.5	-94 41.0	-74.1	-84.8	112.6	465	221.4	3.2	-2.6	964.0	67.9	30.7	11.5	-16.9	-18.9	0.2
17:11:00	29 14.6	-94 41.8	-74.6	-85.1	113.2	469	221.2	3.0	-2.7	250.6	67.9	30.9	10.8	15.8	15.8	0.0
17:11:00	29 15.6	-94 41.0	-75.0	-84.7	113.1	465	0.1	33.8	-9.7	69.9	75.1	50.0	28.6	17.4	17.4	9.9
17:10:59	29 15.5	-94 41.0	422.6	439.1	10348*	471	26.5	-5.2	-1.1	68.2	72.4	0.0	202.5	221.8	88.9	201.6
17:11:30	29 14.1	-94 42.3	-77.7	-83.4	114.0	467	223.6	3.0	1.9	963.8	69.2	31.0	11.4	-16.9	-18.9	0.2
17:11:30	29 13.2	-94 43.1	-78.2	-83.7	114.5	471	223.4	2.8	1.7	250.6	69.2	31.2	10.8	15.8	15.8	0.0
17:11:30	29 14.2	-94 42.4	-78.1	-83.7	114.5	468	0.1	31.3	-11.2	71.1	76.4	50.0	28.2	17.5	17.5	9.9
17:11:29	29 14.1	-94 42.4	422.5	439.0	10348*	472	26.6	-6.2	-1.5	69.5	73.7	0.0	204.4	223.6	89.3	203.3
17:12:00	29 12.9	-94 43.9	-99.7	-55.1	113.9	471	243.6*	3.2	25.2	962.5	69.6	30.7	11.1	-16.9	-18.9	0.2
17:12:00	29 11.9	-94 44.7	-100.3	-55.3	114.5	474	243.9*	3.1	25.1	250.6	69.6	30.9	10.4	15.9	15.9	0.0
17:12:00	29 12.9	-94 43.9	-98.8	-58.3	114.7	467	0.1	36.5	-9.4	71.8	77.2	50.0	28.1	17.7	17.7	10.2
17:11:59	29 12.9	-94 43.9	421.9	438.4	10348*	475	26.4	-6.4	-1.2	70.0	75.4	0.0	205.0	242.4	89.8	203.7
17:12:30	29 13.0	-94 45.8	-94.4	58.8	111.2	462	304.0	2.8	-1.2	964.3	68.8	30.0	10.6	-16.9	-18.9	0.2
17:12:30	29 12.0	-94 46.6	-94.8	58.5	111.4	467	303.9	2.6	-1.3	250.6	68.8	30.2	9.9	16.4	16.4	0.0
17:12:30	29 13.0	-94 45.9	-94.8	59.0	111.7	463	0.0	31.8	-10.8	70.7	76.0	50.0	28.3	17.9	17.9	10.5
17:12:29	29 13.0	-94 45.9	421.3	437.7	10348*	468	26.5	-6.9	-1.5	69.1	73.2	0.0	203.8	306.0	91.4	202.5
17:13:00	29 14.0	-94 47.6	-94.0	59.6	111.3	467	304.5	2.9	-0.2	963.8	71.1	31.4	11.4	-16.9	-18.9	0.2
17:13:00	29 13.0	-94 48.4	-94.4	59.3	111.5	471	304.3	2.7	-0.4	250.6	71.2	31.7	10.7	16.5	16.5	0.0
17:13:00	29 13.9	-94 47.7	-94.7	59.5	111.9	473	0.1	31.1	-11.8	73.0	78.5	50.0	27.7	18.2	18.2	9.9
17:12:59	29 13.9	-94 47.7	422.5	439.0	10348*	472	26.7	-6.9	-1.5	71.5	75.8	0.0	207.2	306.5	94.7	205.9

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
17:13:30	29 15.1	-94 49.1	-78.7	78.5	111.2	465	317.2	2.9	1.1	963.9	71.1	31.0	11.0	-16.9	-18.9	0.2
17:13:30	29 14.1	-94 50.0	-79.1	78.1	111.2	470	317.4	2.7	0.9	250.6	71.2	31.2	10.2	16.2	16.2	0.0
17:13:30	29 15.1	-94 49.3	-79.5	78.3	111.6	478	0.1	31.3	-11.8	73.0	78.5	50.0	27.7	17.8	17.8	10.3
17:13:29	29 15.1	-94 49.3	421.8	438.3	10348*	471	26.6	-7.1	-1.6	71.5	75.8	0.0	207.2	319.1	94.7	205.7
17:14:00	29 16.4	-94 50.6	-78.0	80.5	112.1	467	318.4	2.4	-0.9*	963.8	70.9	28.4	8.6	-16.9	-18.9	0.2
17:14:00	29 15.4	-94 51.4	-78.4	80.1	112.1	468	318.3	2.2	-1.1	250.6	70.9	28.6	7.9	19.1	19.1	0.0
17:14:00	29 16.3	-94 50.7	-78.6	80.6	112.6	473	0.1	29.8	-12.5	73.2	78.3	50.0	27.8	20.8	20.8	12.1
17:13:59	29 16.4	-94 50.7	418.3	434.6	10348*	473	38.0	-3.3	-0.7	71.3	75.6	0.0	206.9	321.5	92.7	204.6
17:14:30	29 17.7	-94 52.0	-79.1	81.7	113.8	465	319.0	2.8	-0.8	963.9	73.6	29.0	8.6	-16.9	-18.9	0.2
17:14:30	29 16.7	-94 52.9	-79.5	81.3	113.7	469	318.8	2.6	-0.9	250.6	73.6	29.3	7.8	17.7	17.7	0.0
17:14:30	29 17.7	-94 52.2	-79.7	81.8	114.2	469	0.0	30.4	-13.1	75.7	81.1	50.0	27.1	18.9	18.9	12.1
17:14:29	29 17.7	-94 52.2	418.3	434.6	10348*	472	27.1	-4.3	-0.7	74.0	78.4	0.0	210.7	322.7	94.7	208.1
17:15:00	29 19.1	-94 53.5	-79.6	82.7	114.8	465	318.3	2.6	0.5*	963.8	72.2	27.7	7.7	-16.9	-18.9	0.2
17:15:00	29 18.0	-94 54.4	-80.0	82.3	114.7	469	318.1	2.5	0.3*	250.6	72.3	28.0	7.0	20.7	20.7	0.0
17:15:00	29 19.0	-94 53.7	-80.3	82.5	115.2	469	0.1	30.0	-12.8	74.3	79.5	50.0	27.4	20.3	20.3	12.9
17:14:59	29 19.0	-94 53.7	417.0	433.2	10348*	472	30.1	-2.4	-0.3	72.6	76.9	0.0	208.8	321.4	91.4	206.0
17:15:30	29 20.4	-94 55.0	-82.1	81.5	115.7	465	316.9	2.6	-1.0	963.7	76.4	30.5	9.4	-16.9	-18.9	0.2
17:15:30	29 19.4	-94 55.9	-82.4	81.1	115.6	470	317.0	2.5	-1.2	250.6	76.4	30.8	8.6	17.8	17.8	0.0
17:15:30	29 20.3	-94 55.2	-82.7	81.6	116.2	471	0.1	28.8	-14.7	78.5	84.1	50.0	26.3	18.1	18.1	11.5
17:15:29	29 20.4	-94 55.2	419.5	435.8	10348*	473	29.9	-4.3	-0.5	76.8	81.1	0.0	214.5	319.4	96.4	211.9
17:16:00	29 21.7	-94 56.5	-83.2	81.6	116.6	462	316.3	2.5	-0.5	963.8	77.2	30.3	9.0	-16.9	-18.9	0.2
17:16:00	29 20.7	-94 57.4	-83.6	81.2	116.5	466	316.3	2.3	-0.7	250.6	77.2	30.5	8.1	17.5	17.5	0.0
17:16:00	29 21.7	-94 56.7	-83.9	81.6	117.0	472	0.1	33.7	-12.7	79.0	85.0	50.0	26.1	18.5	18.5	11.8
17:15:59	29 21.7	-94 56.7	418.9	435.3	10348*	472	34.3	-8.2	-1.9	77.5	81.8	0.0	215.6	317.9	96.3	212.8
17:16:30	29 23.0	-94 58.1	-83.4	82.0	117.0	465	316.7	2.5	-0.5	964.0	76.8	29.9	8.8	-16.9	-18.9	0.3
17:16:30	29 22.0	-94 58.9	-83.7	81.6	116.9	467	316.5	2.3	-0.7	250.6	76.8	30.2	7.9	17.1	17.1	0.0
17:16:30	29 23.0	-94 58.3	-84.1	82.0	117.5	473	0.0	28.1	-15.1	78.5	84.3	50.0	26.2	18.5	18.5	12.0
17:16:29	29 23.0	-94 58.3	418.6	434.9	10348*	472	32.6	-9.0	-1.9	77.1	81.5	0.0	215.1	318.4	95.4	212.2
17:17:00	29 24.4	-94 59.6	-81.5	83.8	116.9	463	317.9	2.5	-0.5	963.9	75.8	29.7	8.7	-16.9	-18.9	0.3
17:17:00	29 23.4	-95 0.5	-81.8	83.3	116.8	468	317.7	2.3	-0.7	250.6	75.8	29.9	7.9	17.6	17.6	0.0
17:17:00	29 24.3	-94 59.8	-82.2	83.7	117.4	469	0.1	28.9	-14.4	77.7	83.3	50.0	26.5	18.3	18.3	12.0
17:16:59	29 24.3	-94 59.8	418.5	434.8	10348*	472	32.4	-6.3	-1.1	76.2	80.5	0.0	213.8	320.2	94.3	211.0
17:17:30	29 25.7	-95 1.1	-82.3	81.6	115.8	462	317.0	2.5	-0.7	964.0	76.1	29.1	8.1	-16.9	-18.9	0.2
17:17:30	29 24.7	-95 2.0	-82.6	81.1	115.7	466	317.1	2.4	-0.9	250.6	76.1	29.3	7.2	19.0	19.0	0.0
17:17:30	29 25.7	-95 1.3	-82.9	81.6	116.4	469	0.0	29.5	-14.3	78.0	83.7	50.0	26.4	19.6	19.6	12.6
17:17:29	29 25.7	-95 1.4	417.6	433.8	10348*	472	31.1	-5.6	-1.1	76.5	80.8	0.0	214.1	319.4	95.4	211.1
17:18:00	29 27.1	-95 2.6	-81.4	80.9	114.8	463	316.9	2.6	-0.7	964.2	74.4	29.8	9.2	-16.9	-18.9	0.2
17:18:00	29 26.0	-95 3.5	-81.7	80.4	114.7	464	316.8	2.5	-0.9	250.6	74.4	30.0	8.3	17.8	17.8	0.0
17:18:00	29 27.0	-95 2.9	-82.1	80.9	115.3	469	0.1	28.4	-14.2	76.1	81.7	50.0	26.8	18.6	18.6	11.7
17:17:59	29 27.0	-95 2.9	419.1	435.4	10348*	471	36.4	-7.3	-1.5	74.8	78.8	0.0	211.8	318.9	94.7	209.3

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
17:18:30	29 28.4	-95 4.1	-81.1	80.3	114.1	460	316.8	2.7	-0.6	964.1	72.2	29.7	9.6	-16.9	-18.9	0.3
17:18:30	29 27.3	-95 5.0	-81.4	79.8	114.0	463	316.6	2.5	-0.8	250.6	72.3	30.0	8.8	16.8	16.8	0.0
17:18:30	29 28.3	-95 4.4	-81.7	80.3	114.6	479	0.1	30.6	-12.7	74.2	79.7	50.0	27.4	18.9	18.9	11.3
17:18:29	29 28.3	-95 4.4	419.8	436.1	10348*	471	35.8	-5.2	-1.1	72.7	77.1	0.0	208.8	319.1	92.8	206.7
17:19:00	29 29.7	-95 5.6	-79.1	80.9	113.2	460	317.9	2.7	-0.3	964.1	71.6	30.5	10.4	-16.9	-18.9	0.3
17:19:00	29 28.6	-95 6.5	-79.4	80.5	113.1	464	317.7	2.5	-0.5	250.6	71.7	30.7	9.7	16.2	16.2	0.0
17:19:00	29 29.6	-95 5.9	-79.8	81.0	113.7	472	0.1	30.5	-12.3	73.4	78.9	50.0	27.6	17.9	17.9	10.7
17:18:59	29 29.6	-95 5.9	421.0	437.5	10348*	471	32.1	-7.6	-1.6	72.0	76.2	0.0	207.9	319.9	93.1	206.2
17:19:30	29 31.0	-95 7.1	-79.2	79.9	112.5	461	317.5	3.0	-0.6	964.2	71.0	30.5	10.6	-16.9	-18.9	0.2
17:19:30	29 29.9	-95 8.0	-79.5	79.4	112.3	463	317.7	2.8	-0.8	250.6	71.0	30.7	9.8	16.2	16.2	0.0
17:19:30	29 30.9	-95 7.4	-79.9	79.9	113.0	468	0.1	31.1	-11.9	72.9	78.3	50.0	27.8	17.9	17.9	10.6
17:19:29	29 30.9	-95 7.4	421.2	437.6	10348*	469	32.3	-6.2	-1.4	71.3	75.6	0.0	207.0	319.9	93.0	205.4
17:20:00	29 32.3	-95 8.6	-78.7	79.6	111.9	454	317.3*	2.8	-1.0*	964.3	71.2	29.5	9.6	-16.9	-18.9	0.3
17:20:00	29 31.2	-95 9.5	-79.0	79.0	111.8	459	317.3*	2.6	-1.2*	250.6	71.2	29.8	8.9	18.8	18.8	0.0
17:20:00	29 32.2	-95 8.8	-79.5	79.5	112.4	470	0.1	28.0	-12.9	72.4	78.5	50.0	27.7	19.4	19.4	11.3
17:19:59	29 32.2	-95 8.9	419.7	436.1	10348*	472	37.9	-15.0	-3.8	71.5	76.0	0.0	207.3	317.7	93.5	205.4
17:20:30	29 33.6	-95 10.0	-78.5	79.7	111.8	459	317.4	2.8	-0.9	964.1	71.1	29.5	9.6	-16.9	-18.9	0.2
17:20:30	29 32.5	-95 10.9	-78.7	79.2	111.6	463	317.2	2.6	-1.0	250.6	71.2	29.8	8.9	18.5	18.5	0.0
17:20:30	29 33.5	-95 10.3	-79.1	79.7	112.3	472	0.0	28.9	-12.8	72.9	78.2	50.0	27.7	19.2	19.2	11.3
17:20:29	29 33.5	-95 10.3	419.8	436.2	10348*	472	32.9	-7.0	-1.3	71.5	75.4	0.0	207.2	319.2	93.5	205.3
17:21:00	29 34.8	-95 11.5	-78.5	79.2	111.5	456	317.4	2.9	-0.5	964.1	68.8	29.7	10.3	-16.9	-18.9	0.2
17:21:00	29 33.7	-95 12.4	-78.8	78.7	111.3	458	317.1	2.7	-0.6	250.6	68.9	30.0	9.7	19.2	19.2	0.0
17:21:00	29 34.8	-95 11.8	-79.1	79.3	112.0	471	0.1	30.4	-11.5	71.2	76.0	50.0	28.3	20.1	20.1	10.7
17:20:59	29 34.8	-95 11.8	420.9	437.3	10348*	471	40.5	-0.7	-0.2	69.2	73.7	0.0	203.9	320.6	91.1	202.4
17:21:30	29 36.1	-95 12.9	-78.2	79.3	111.4	457	316.9	3.1	-0.3	963.9	69.4	29.7	10.2	-16.9	-18.9	0.3
17:21:30	29 35.0	-95 13.8	-78.4	78.7	111.1	458	317.0	2.9	-0.5	250.6	69.4	29.9	9.5	18.9	18.9	0.0
17:21:30	29 36.1	-95 13.2	-78.9	79.2	111.8	471	0.1	36.0	-9.2	71.3	76.7	50.0	28.2	19.6	19.6	10.9
17:21:29	29 36.1	-95 13.3	420.6	437.0	10348*	473	37.5	-7.5	-1.8	69.7	73.8	0.0	204.8	318.0	91.8	203.2
17:22:00	29 37.4	-95 14.4	-77.8	79.0	110.8	453	317.1	3.2	-0.5	964.2	69.1	29.9	10.4	-16.9	-18.8	0.3
17:22:00	29 36.3	-95 15.3	-78.0	78.4	110.6	458	317.1	3.0	-0.7	250.6	69.1	30.1	9.8	19.0	19.0	0.0
17:22:00	29 37.4	-95 14.7	-78.5	78.9	111.3	467	0.0	30.9	-11.3	70.8	76.2	50.0	28.3	19.8	19.8	10.7
17:21:59	29 37.4	-95 14.7	421.0	437.4	10348*	472	29.3	-8.7	-1.9	69.4	73.6	0.0	204.3	318.2	92.0	202.8
17:22:30	29 38.7	-95 15.8	-76.7	77.7	109.2	456	317.5	3.3	-0.8	964.0	68.4	29.9	10.6	-16.9	-18.9	0.3
17:22:30	29 37.6	-95 16.7	-76.9	77.2	108.9	461	317.3	3.1	-0.9	250.6	68.5	30.2	10.0	18.7	18.7	0.0
17:22:30	29 38.6	-95 16.1	-77.3	77.8	109.7	469	0.0	31.0	-11.0	70.2	75.4	50.0	28.4	19.4	19.4	10.5
17:22:29	29 38.7	-95 16.2	421.3	437.7	10348*	474	38.5	-8.1	-1.9	68.8	73.1	0.0	203.4	319.2	93.0	202.0
17:23:00	29 40.0	-95 17.2	-76.8	77.9	109.4	458	317.4	3.1	-0.6	964.1	69.2	30.0	10.5	-16.9	-18.9	0.3
17:23:00	29 38.8	-95 18.2	-77.1	77.3	109.2	459	317.2	2.9	-0.8	250.6	69.2	30.2	9.8	18.5	18.5	0.0
17:23:00	29 39.9	-95 17.6	-77.6	77.9	109.9	468	0.1	31.6	-10.9	70.8	76.4	50.0	28.2	19.7	19.7	10.6
17:22:59	29 39.9	-95 17.6	421.1	437.5	10348*	473	34.8	-11.1	-2.7	69.5	73.5	0.0	204.5	318.4	93.7	203.0

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
17:23:30	29 41.2	-95 18.7	-76.5	78.0	109.3	458	317.2	3.4	-0.6	964.2	65.8	29.7	11.0	-16.9	-18.9	0.3
17:23:30	29 40.1	-95 19.6	-76.7	77.4	109.0	459	317.4	3.2	-0.8	250.6	65.8	29.9	10.4	18.4	18.4	0.0
17:23:30	29 41.2	-95 19.0	-77.1	78.1	109.7	466	0.0	32.9	-9.2	67.6	72.7	50.0	29.2	19.4	19.4	10.2
17:23:29	29 41.2	-95 19.0	421.9	438.3	10348*	472	36.7	-8.0	-1.7	66.1	70.2	0.0	199.5	318.4	89.3	198.5
17:24:00	29 42.5	-95 20.1	-77.3	78.1	109.9	455	317.5	3.2	-0.5	964.1	66.4	29.7	10.9	-16.9	-18.8	0.3
17:24:00	29 41.3	-95 21.0	-77.5	77.5	109.6	458	317.5	3.0	-0.7	250.6	66.4	30.0	10.3	18.9	18.9	0.0
17:24:00	29 42.4	-95 20.5	-77.9	78.1	110.3	466	0.1	33.6	-9.3	68.3	73.6	50.0

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
17:28:30	29 47.3	-95 26.5	-10.7	105.7	106.2	442	356.0*	3.5	-8.6*	963.8	66.3	29.7	10.9	-16.9	-18.9	0.2
17:28:30	29 46.0	-95 27.4	-10.9	104.9	105.4	447	355.8*	3.4	-8.6*	250.6	66.3	29.9	10.3	18.8	18.8	0.0
17:28:30	29 47.2	-95 27.0	-10.3	105.7	106.2	469	0.1	37.3	-7.7	67.9	73.5	50.0	29.0	19.5	19.5	10.3
17:28:29	29 47.2	-95 27.0	421.7	438.1	10348*	473	35.6	-12.9	-3.2	66.6	71.0	0.0	200.2	357.5	93.0	199.2
17:29:00	29 48.7	-95 27.5	-76.5	78.3	109.5	440	317.5	2.8	-0.1	964.1	68.1	29.9	10.6	-16.9	-18.9	0.2
17:29:00	29 47.4	-95 28.5	-76.7	77.6	109.1	445	317.3	2.7	-0.2	250.6	68.2	30.1	10.0	18.9	18.9	0.0
17:29:00	29 48.6	-95 28.0	-77.0	78.2	109.7	468	0.1	28.9	-11.7	69.9	75.1	50.0	28.5	19.8	19.8	10.5
17:28:59	29 48.7	-95 28.0	421.3	437.7	10348*	473	35.9	-9.1	-2.0	68.4	72.6	0.0	202.9	318.5	92.2	201.6
17:29:30	29 50.0	-95 29.0	-78.7	78.0	110.8	445	316.0	3.2	-0.2	964.0	68.9	29.8	10.4	-16.9	-18.9	0.2
17:29:30	29 48.7	-95 29.9	-78.9	77.3	110.4	446	316.1	3.0	-0.3	250.6	68.9	30.0	9.7	19.1	19.1	0.0
17:29:30	29 49.9	-95 29.5	-79.1	78.0	111.1	470	0.1	30.5	-11.3	70.7	76.0	50.0	28.3	19.8	19.8	10.7
17:29:29	29 49.9	-95 29.5	420.9	437.4	10348*	474	35.9	-6.9	-1.5	69.2	73.3	0.0	204.0	316.8	91.7	202.5
17:30:00	29 51.2	-95 30.4	-80.4	79.4	113.0	441	316.4	2.4	-0.5	963.9	69.9	29.9	10.2	-16.9	-18.9	0.2
17:30:00	29 49.9	-95 31.4	-80.5	78.7	112.5	443	316.3	2.2	-0.7	250.6	69.9	30.1	9.5	18.9	18.9	0.0
17:30:00	29 51.2	-95 30.9	-80.7	79.3	113.2	474	0.0	25.6	-13.9	71.7	76.9	50.0	28.0	19.8	19.8	10.8
17:29:59	29 51.2	-95 31.0	420.7	437.1	10348*	475	37.4	-6.3	-1.4	70.2	74.3	0.0	205.4	318.0	90.9	203.8
17:30:30	29 52.5	-95 31.9	-80.5	80.9	114.1	435	316.6	2.8	-0.2	964.0	71.0	29.9	10.0	-16.9	-18.8	0.2
17:30:30	29 51.2	-95 32.9	-80.6	80.1	113.6	439	316.5	2.6	-0.3	250.6	71.0	30.1	9.3	18.9	18.9	0.0
17:30:30	29 52.5	-95 32.4	-81.0	80.8	114.4	468	0.1	28.1	-13.0	72.6	78.2	50.0	27.7	19.7	19.7	11.0
17:30:29	29 52.5	-95 32.5	420.4	436.8	10348*	475	37.3	-9.7	-2.4	71.3	75.6	0.0	207.1	317.3	91.2	205.2
17:31:00	29 53.8	-95 33.4	-80.6	81.6	114.7	441	317.5	2.8	-0.4	963.9	72.6	30.1	9.9	-16.9	-18.9	0.2
17:31:00	29 52.5	-95 34.4	-80.7	80.9	114.2	443	317.3	2.6	-0.5	250.6	72.6	30.4	9.1	18.3	18.3	0.0
17:31:00	29 53.8	-95 34.0	-80.9	81.7	115.0	466	0.1	28.3	-13.7	74.7	79.9	50.0	27.3	19.3	19.3	11.1
17:30:59	29 53.8	-95 34.0	420.2	436.6	10348*	474	30.0	-3.3	-0.6	73.0	77.6	0.0	209.3	320.4	92.8	207.3
17:31:30	29 55.2	-95 34.9	-80.6	82.1	115.1	433	317.5	2.5	-0.5	964.0	74.9	30.4	9.7	-16.9	-18.9	0.2
17:31:30	29 53.8	-95 35.9	-80.7	81.4	114.6	433	317.6	2.3	-0.6	250.6	74.9	30.7	8.8	18.8	18.8	0.0
17:31:30	29 55.1	-95 35.5	-81.0	82.1	115.4	465	0.1	28.3	-14.2	76.5	82.1	50.0	26.7	19.8	19.8	11.3
17:31:29	29 55.1	-95 35.5	419.9	436.2	10348*	475	38.2	-8.7	-2.1	75.2	79.5	0.0	212.5	318.9	95.1	210.1
17:32:00	29 56.5	-95 36.4	-80.8	83.3	116.0	434	317.2	2.3	-0.7*	963.9	76.1	30.5	9.4	-16.9	-18.9	0.2
17:32:00	29 55.2	-95 37.4	-80.8	82.6	115.5	433	317.1	2.1	-0.8*	250.6	76.1	30.7	8.6	18.9	18.9	0.0
17:32:00	29 56.5	-95 37.0	-81.2	83.2	116.3	464	0.1	24.9	-16.1	77.6	83.7	50.0	26.4	19.6	19.6	11.4
17:31:59	29 56.5	-95 37.0	419.5	435.9	10348*	477	35.1	-11.4	-2.7	76.4	80.3	0.0	214.2	317.4	95.6	211.6
17:32:30	29 57.9	-95 38.0	-80.9	84.6	117.1	430	317.7	2.2	-0.3*	963.7	76.4	30.6	9.5	-16.9	-18.9	0.2
17:32:30	29 56.5	-95 38.9	-81.0	83.9	116.6	430	317.5	2.0	-0.5*	250.6	76.4	30.8	8.6	18.6	18.6	0.0
17:32:30	29 57.8	-95 38.5	-81.2	84.6	117.3	466	0.1	26.3	-15.8	78.4	83.9	50.0	26.3	19.8	19.8	11.4
17:32:29	29 57.9	-95 38.5	419.6	435.9	10348*	476	33.8	-4.2	-0.8	76.8	81.4	0.0	214.6	319.4	95.0	212.0
17:33:00	29 59.2	-95 39.5	-81.5	84.1	117.1	423	317.7	2.7	-0.3	964.2	76.9	30.4	9.2	-16.9	-18.9	0.2
17:33:00	29 57.9	-95 40.5	-81.6	83.3	116.6	423	317.5	2.5	-0.5	250.6	76.9	30.7	8.3	18.6	18.6	0.0
17:33:00	29 59.2	-95 40.0	-81.9	84.1	117.4	460	0.1	28.2	-15.1	78.8	84.5	50.0	26.2	19.3	19.3	11.6
17:32:59	29 59.2	-95 40.0	419.2	435.5	10348*	472	35.8	-6.1	-1.1	77.2	81.8	0.0	215.2	319.6	95.5	212.5

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
17:33:30	30 0.6	-95 41.0	-83.2	82.3	117.0	424	316.5	2.4	-2.3	963.8	74.5	30.2	9.5	-16.9	-18.9	0.2
17:33:30	29 59.2	-95 42.0	-83.2	81.6	116.6	424	316.7	2.3	-2.4	250.6	74.5	30.4	8.7	19.0	19.0	0.0
17:33:30	30 0.6	-95 41.5	-83.2	82.5	117.2	465	0.1	28.7	-14.0	76.3	81.9	50.0	26.8	19.7	19.7	11.4
17:33:29	30 0.6	-95 41.5	419.6	436.0	10348*	476	36.3	-6.8	-1.3	74.9	79.2	0.0	211.9	318.5	92.6	209.6
17:34:00	30 1.9	-95 42.6	-85.2	80.6	117.3	418	315.4	2.4	-0.4	963.8	76.1	30.5	9.5	-16.9	-18.9	0.2
17:34:00	30 0.5	-95 43.5	-85.2	79.9	116.8	420	315.3	2.3	-0.6	250.6	76.2	30.8	8.6	19.2	19.2	0.0
17:34:00	30 1.9	-95 43.1	-85.4	80.7	117.5	464	0.1	28.1	-14.9	78.1	83.7	50.0	26.4	19.8	19.8	11.4
17:33:59	30 1.9	-95 43.1	419.5	435.9	10348*	475	32.9	-5.6	-1.1	76.5	81.1	0.0	214.2	317.5	94.5	211.7
17:34:30	30 3.0	-95 44.3	-114.4	28.5	117.9	413	284.7*	2.3	-24.8	964.1	76.6	30.7	9.5	-16.9	-18.9	0.2
17:34:30	30 1.6	-95 45.3	-114.5	27.9	117.8	414	284.5*	2.1	-25.0	250.6	76.6	30.9	8.6	19.0	19.0	0.0
17:34:30	30 3.0	-95 44.8	-113.8	31.8	118.2	463	0.1	33.0	-12.8	78.3	84.5	50.0	26.3	20.0	20.0	11.4
17:34:29	30 3.0	-95 44.9	419.7	436.0	10348*	476	38.4	-10.4	-2.6	77.0	80.8	0.0	214.8	287.7	94.4	212.3
17:35:00	30 2.5*	-95 46.3*	-83.3	-83.5	117.9*	407*	224.8*	2.6	-2.4*	964.6	74.8	30.7	9.9	-16.9	-18.9	0.2
17:35:00	30 1.1*	-95 47.3*	-83.5	-84.2	118.6	408*	224.6*	2.4	-2.6*	250.6	74.9	31.0	9.1	18.9	18.9	0.0
17:35:00	30 2.5	-95 46.8	-83.2	-84.0	118.2	461	0.1	27.8	-14.4	76.9	82.2	50.0	26.7	19.7	19.7	11.0
17:34:59	30 2.5	-95 46.9	420.3	436.6	10348*	470	39.5	-2.7	-0.6	75.2	79.0	0.0	212.4	225.3	92.3	210.2
17:35:30	30 1.1	-95 47.7	-72.7	-90.2	115.9	408	218.7*	3.0	10.2*	964.0	72.6	30.5	10.2	-16.9	-18.9	0.2
17:35:30	29 59.6	-95 48.7	-72.9	-91.0	116.6	407	218.4*	2.8	9.9*	250.6	72.6	30.7	9.4	18.5	18.5	0.0
17:35:30	30 1.1	-95 48.3	-72.0	-91.1	116.1	463	0.1	30.0	-12.5	74.5	79.8	50.0	27.3	19.6	19.6	10.8
17:35:29	30 1.1	-95 48.3	420.7	437.1	10348*	472	38.7	-4.7	-0.9	73.0	77.0	0.0	209.3	216.9	91.5	207.4
17:36:00	29 59.8	-95 49.3	-84.7	-77.4	114.8	412	228.0	2.7	-0.7	963.8	69.8	30.2	10.5	-16.9	-18.9	0.2
17:36:00	29 58.3	-95 50.3	-84.9	-78.1	115.4	414	228.2	2.5	-0.9	250.6	69.8	30.4	9.8	19.1	19.1	0.0
17:36:00	29 59.8	-95 49.8	-84.9	-77.6	115.0	473	0.1	27.0	-13.0	71.4	76.7	50.0	28.1	19.9	19.9	10.6
17:35:59	29 59.8	-95 49.8	421.2	437.6	10348*	479	34.1	-9.2	-1.9	70.1	74.0	0.0	205.3	227.5	89.0	203.8
17:36:30	29 58.3	-95 50.3	-1.1	-111.6	111.6	416	178.1*	3.4	-25.1	964.1	68.2	30.1	10.8	-16.9	-18.9	0.2
17:36:30	29 56.8	-95 51.3	-1.4	-112.4	112.4	416	178.2*	3.2	-25.2	250.6	68.2	30.4	10.2	18.3	18.3	0.0
17:36:30	29 58.3	-95 51.0	-4.5	-111.8	111.9	468	0.0	38.4	-7.9	70.4	75.7	50.0	28.5	18.9	18.9	10.4
17:36:29	29 58.3	-95 50.9	421.6	438.1	10348*	475	31.9	-5.6	-1.5	68.6	72.5	0.0	203.1	178.6	90.2	201.8
17:37:00	29 56.8	-95 49.4	79.1	-73.4	107.9	419	131.6	3.0	-1.3*	964.6	66.3	29.6	10.8	-16.9	-18.9	0.2
17:37:00	29 55.3	-95 50.4	79.0	-74.2	108.4	421	131.6*	2.8	-1.4*	250.6	66.3	29.9	10.3	19.4	19.4	0.0
17:37:00	29 56.8	-95 50.0	79.1	-73.3	107.9	465	0.1	28.6	-10.8	67.6	73.2	50.0	29.0	20.0	20.0	10.4
17:36:59	29 56.8	-95 50.0	421.6	438.0	10348*	471	31.4	-15.3	-3.9	66.5	70.5	0.0	200.2	127.8	91.4	199.1
17:37:30	29 55.6	-95 47.9	71.5	-80.5	107.6	421	137.5	3.2	1.2	963.8	66.6	29.6	10.8	-16.9	-18.9	0.3
17:37:30	29 54.1	-95 49.0	71.3	-81.3	108.1	424	137.3	3.1	1.1	250.6	66.7	29.9	10.2	19.2	19.2	0.0
17:37:30	29 55.6	-95 48.6	71.6	-80.4	107.6	467	0.1	32.9	-9.5	68.6	73.7	50.0	28.9	19.8	19.8	10.4
17:37:29	29 55.6	-95 48.6	421.5	438.0	10348*	473	34.5	-6.8	-1.5	67.0	71.2	0.0	200.7	135.5	92.0	199.6
17:38:00	29 54.2	-95 46.7	67.1	-86.8	109.7	421	141.3	3.0	-1.0	964.0	68.5	30.0	10.7	-16.9	-18.9	0.2
17:38:00	29 52.7	-95 47.7	66.9	-87.6	110.2	426	141.2	2.8	-1.1	250.6	68.6	30.3	10.1	19.1	19.1	0.0
17:38:00	29 54.2	-95 47.3	67.0	-86.8	109.6	468	0.1	31.0	-10.9	70.3	75.8	50.0	28.4	20.0	20.0	10.5
17:37:59	29 54.2	-95 47.3	421.4	437.8	10348*	473	35.6	-8.9	-2.1	68.9	73.1	0.0	203.5	139.2	92.6	202.2

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
17:38:30	29 52.8	-95 45.4	67.8	-89.1	111.9	426	141.3	2.6	-0.5	963.7	72.2	30.4	10.3	-16.9	-18.9	0.2
17:38:30	29 51.3	-95 46.4	67.6	-89.9	112.5	430	141.5	2.4	-0.6	250.6	72.2	30.7	9.5	18.9	18.9	0.0
17:38:30	29 52.8	-95 46.1	67.7	-89.1	111.9	465	0.1	27.5	-13.7	74.2	79.4	50.0	27.4	19.6	19.6	10.8
17:38:29	29 52.8	-95 46.0	420.8	437.2	10348*	475	36.6	-4.7	-1.3	72.6	77.2	0.0	208.7	139.4	95.1	206.9
17:39:00	29 51.4	-95 44.1	76.4	-83.7	113.3	430	136.2	2.5	-2.3*	963.6	73.2	30.6	10.2	-16.9	-18.9	0.2
17:39:00	29 49.8	-95 45.1	76.2	-84.5	113.8	432	136.1	2.3	-2.5*	250.6	73.2	30.9	9.5	19.1	19.1	0.0
17:39:00	29 51.4	-95 44.7	76.1	-83.7	113.2	465	0.0	34.7	-10.8	74.9	80.6	50.0	27.2	19.9	19.9	10.8
17:38:59	29 51.4	-95 44.7	420.7	437.1	10348*	475	34.0	-9.5	-2.3	73.5	76.9	0.0	210.2	133.6	95.0	208.2
17:39:30	29 50.0	-95 42.7	41.1	-106.6	114.3	436	158.5	1.6	6.4*	963.4	72.6	30.8	10.6	-16.9	-18.9	0.2
17:39:30	29 48.4	-95 43.8	41.0	-107.4	115.0	438	158.4	1.4	6.3*	250.6	72.6	31.1	9.8	18.6	18.6	0.0
17:39:30	29 50.0	-95 43.4	42.3	-106.1	114.2	466	0.1	22.5	-15.8	73.6	79.7	50.0	27.3	19.4	19.4	10.6
17:39:29	29 50.0	-95 43.4	421.2	437.6	10348*	477	32.1	-17.4	-4.6	72.8	77.1	0.0	209.3	154.5	93.3	207.5
17:40:00	29 48.5	-95 41.5	82.0	-78.4	113.5	431	131.8	2.6*	-0.2*	964.2	70.7	30.8	10.9	-16.9	-18.9	0.2
17:40:00	29 47.0	-95 42.5	81.8	-79.3	113.9	434	131.6	2.5*	-0.4*	250.6	70.8	31.0	10.2	19.1	19.1	0.0
17:40:00	29 48.5	-95 42.1	82.1	-78.3	113.5	462	0.0	26.4	-13.6	72.5	77.8	50.0	27.8	19.8	19.8	10.3
17:39:59	29 48.5	-95 42.1	421.7	438.2	10348*	472	38.5	-6.9	-1.9	71.1	75.4	0.0	206.7	128.8	92.0	205.2
17:40:30	29 47.3	-95 39.9	93.5	-63.5	113.0	438	121.9*	2.1	-0.0*	963.7	73.9	30.7	10.1	-16.9	-18.9	0.2
17:40:30	29 45.7	-95 40.9	93.4	-64.3	113.4	442	122.0*	2.0	-0.2*	250.6	73.9	31.0	9.3	19.4	19.4	0.0
17:40:30	29 47.3	-95 40.5	93.6	-63.5	113.1	466	0.1	23.6	-15.6	76.4	81.0	50.0	27.0	19.8	19.8	10.9
17:40:29	29 47.3	-95 40.5	420.5	437.0	10348*	476	35.4	4.6	0.7	74.3	78.1	0.0	211.1	120.9	96.1	209.1
17:41:00	29 46.2	-95 38.2	90.6	-69.5	114.2	437	126.2	2.5	-0.7	964.1	76.5	31.2	10.0	-16.9	-18.9	0.2
17:41:00	29 44.6	-95 39.2	90.4	-70.3	114.6	441	126.2	2.4	-0.8	250.6	76.6	31.5	9.2	18.1	18.1	0.0
17:41:00	29 46.2	-95 38.8	90.7	-69.6	114.3	464	0.1	27.6	-15.1	78.4	84.1	50.0	26.3	19.4	19.4	11.0
17:40:59	29 46.2	-95 38.8	420.4	436.8	10348*	470	36.9	-6.6	-1.3	76.9	80.8	0.0	214.8	124.3	98.3	212.4
17:41:30	29 45.0	-95 36.5	83.3	-78.5	114.4	446	132.1	1.5	2.4	963.6	74.5	31.2	10.4	-16.9	-18.9	0.2
17:41:30	29 43.4	-95 37.6	83.1	-79.3	114.9	447	131.9	1.4	2.2	250.6	74.5	31.4	9.6	18.9	18.9	0.0
17:41:30	29 45.0	-95 37.2	83.5	-78.3	114.4	469	0.1	23.7	-16.1	76.3	81.7	50.0	26.8	19.9	19.9	10.7
17:41:29	29 45.0	-95 37.2	421.0	437.4	10348*	476	36.5	-6.6	-2.0	74.9	79.1	0.0	211.9	129.9	95.5	209.9
17:42:00	29 43.7	-95 35.0	79.1	-82.0	113.9	440	134.8	2.6	0.2*	964.0	73.8	31.2	10.6	-16.9	-18.8	0.2
17:42:00	29 42.1	-95 36.1	78.9	-82.8	114.4	442	134.6	2.5	-0.0*	250.6	73.8	31.4	9.8	18.8	18.8	0.0
17:42:00	29 43.7	-95 35.7	79.3	-81.9	114.0	470	0.1	26.9	-14.5	75.7	81.0	50.0	27.0	19.6	19.6	10.5
17:41:59	29 43.7	-95 35.7	421.2	437.7	10348*	472	38.4	-2.7	-0.4	74.1	78.2	0.0	211.0	133.5	95.2	209.1
17:42:30	29 42.4	-95 33.6	77.3	-81.3	112.2	448	134.6	2.7	-0.1	963.7	72.9	31.0	10.7	-16.9	-18.9	0.2
17:42:30	29 40.8	-95 34.6	77.2	-82.1	112.7	448	134.8	2.6	-0.3	250.6	72.9	31.3	9.9	18.8	18.8	0.0
17:42:30	29 42.4	-95 34.2	77.4	-81.4	112.3	464	0.0	33.3	-11.4	74.9	80.5	50.0	27.2	19.8	19.8	10.5
17:42:29	29 42.4	-95 34.2	421.4	437.8	10348*	472	36.2	-6.8	-1.6	73.3	77.6	0.0	209.8	131.9	96.0	208.0
17:43:00	29 41.1	-95 32.2	77.7	-82.0	113.0	443	134.8	2.8	-0.4	964.3	73.5	31.4	10.8	-16.9	-18.8	0.2
17:43:00	29 39.4	-95 33.2	77.6	-82.8	113.5	444	134.7	2.6	-0.6	250.6	73.5	31.7	10.1	18.6	18.6	0.0
17:43:00	29 41.1	-95 32.8	77.9	-82.0	113.1	466	0.1	30.9	-12.8	75.5	81.0	50.0	27.1	19.5	19.5	10.4
17:42:59	29 41.1	-95 32.8	421.6	438.1	10348*	468	37.6	-4.1	-0.9	73.9	78.3	0.0	210.6	132.7	95.9	208.8

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
17:43:30	29 40.0	-95 30.5	108.6	-15.4	109.7	449	96.0*	3.4	-26.3	964.1	71.1	31.0	11.0	-16.9	-18.9	0.2
17:43:30	29 38.4	-95 31.6	108.5	-16.2	109.7	449	95.7*	3.2	-26.5	250.6	71.1	31.2	10.3	18.7	18.7	0.0
17:43:30	29 40.0	-95 31.2	108.3	-19.3	110.0	476	0.1	38.1	-9.1	73.2	78.8	50.0	27.7	19.7	19.7	10.3
17:43:29	29 40.0	-95 31.1	421.8	438.3	10348*	474	38.8	-6.2	-1.7	71.5	75.5	0.0	207.2	96.9	96.1	205.7
17:44:00	29 40.8	-95 28.9	45.5	99.0	108.9	453	24.3*	3.2	-26.0	964.1	71.8	30.9	10.8	-16.9	-18.9	0.2
17:44:00	29 39.1	-95 29.9	45.6	98.2	108.3	453	24.0*	3.0	-26.2	250.6	71.8	31.2	10.1	18.6	18.6	0.0
17:44:00	29 40.7	-95 29.5	49.2	97.4	109.1	469	0.1	42.7	-7.4	73.6	79.7	50.0

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
17:48:30	29 40.3	-95 30.0	83.2	55.0	99.7	447	55.6*	4.8	-26.5	964.6	59.0	30.0	12.9	-16.9	-18.8	0.2
17:48:30	29 38.5	-95 31.1	83.2	54.5	99.5	450	55.3*	4.5	-26.7	250.6	59.1	30.4	12.6	18.6	18.6	0.0
17:48:30	29 40.2	-95 30.8	90.1	43.4	100.0	463	0.0	42.3	-3.2	61.0	66.2	50.0	31.0	19.8	19.8	8.9
00:00:00	29 40.2	-95 30.6	424.7	441.4	10348*	468	40.3	-9.9	-3.5	59.2	62.9	0.0	189.2	57.9	89.8	189.5
17:49:00	29 41.7	-95 29.5	-39.4	97.0	104.7	453	338.5*	4.1	-26.0	964.2	62.0	30.3	12.5	-16.9	-18.9	0.2
17:49:00	29 40.0	-95 30.6	-39.2	96.7	104.3	452	338.3*	3.9	-26.1	250.6	62.1	30.6	12.1	18.3	18.3	0.0
17:49:00	29 41.7	-95 30.1	-35.3	98.4	104.6	466	0.1	40.1	-5.2	64.1	69.3	50.0	30.2	19.7	19.7	9.2
17:48:59	29 41.7	-95 30.1	424.0	440.6	10348*	472	37.5	-9.4	-2.8	62.3	66.3	0.0	193.8	342.4	89.2	193.7
17:49:30	29 42.6	-95 31.2	-110.7	-11.3	111.3	444	263.9*	4.1	-26.2	965.0	65.6	30.6	11.9	-16.9	-18.9	0.2
17:49:30	29 40.8	-95 32.2	-110.6	-11.6	111.2	446	263.7*	3.9	-26.4	250.6	65.7	30.9	11.4	17.9	17.9	0.0
17:49:30	29 42.6	-95 31.7	-110.7	-7.8	111.0	467	0.0	37.6	-7.1	67.3	72.9	50.0	29.2	19.2	19.2	9.6
17:49:29	29 42.6	-95 31.7	423.2	439.8	10348*	468	37.4	-11.9	-3.1	65.8	69.2	0.0	199.2	266.1	87.3	198.6
17:50:00	29 41.4	-95 32.6	-22.6	-108.2	110.6	452	189.9*	3.3	-26.5	964.3	66.3	30.6	11.7	-16.9	-18.9	0.2
17:50:00	29 39.7	-95 33.7	-22.5	-108.5	110.9	453	189.7*	3.1	-26.6	250.6	66.4	30.9	11.2	18.7	18.7	0.0
17:50:00	29 41.5	-95 33.1	-25.6	-107.3	110.3	464	0.0	30.8	-10.5	68.2	73.4	50.0	29.0	19.7	19.7	9.7
17:49:59	29 41.5	-95 33.1	423.0	439.5	10348*	473	37.6	-7.7	-2.0	66.6	69.9	0.0	200.3	190.2	89.0	199.5
17:50:30	29 39.9	-95 31.8	94.9	-51.2	107.8	448	115.4*	3.7	-26.1	964.5	67.9	30.8	11.6	-16.9	-18.9	0.2
17:50:30	29 38.2	-95 32.9	95.1	-51.6	108.1	448	115.4*	3.4	-26.3	250.6	67.9	31.1	11.0	18.9	18.9	0.0
17:50:30	29 40.0	-95 32.4	93.7	-54.3	108.3	465	0.1	37.4	-8.1	69.7	75.3	50.0	28.6	19.6	19.6	9.8
17:50:29	29 39.9	-95 32.4	422.8	439.3	10348*	468	37.5	-9.1	-2.3	68.2	72.0	0.0	202.5	115.0	93.8	201.6
17:51:00	29 40.2	-95 30.0	75.8	75.2	106.8	446	45.3*	3.7*	-24.9*	964.3	67.4	30.9	11.8	-16.9	-18.9	0.2
17:51:00	29 38.4	-95 31.0	76.1	74.9	106.7	449	45.3*	3.5*	-25.1*	250.6	67.4	31.2	11.2	18.5	18.5	0.0
17:51:00	29 40.1	-95 30.6	81.3	73.0	109.3	478	0.1	40.5	-6.8	69.6	75.2	50.0	28.7	19.6	19.6	9.7
17:50:59	29 40.2	-95 30.5	423.0	439.6	10348*	469	39.6	-8.5	-2.5	67.7	72.4	0.0	201.8	48.4	94.2	201.0
17:51:30	29 41.8	-95 29.7	-48.1	100.9	111.8	450	334.9*	3.3	-26.1	964.5	70.9	31.1	11.1	-16.9	-18.8	0.2
17:51:30	29 40.0	-95 30.7	-47.8	100.6	111.4	452	335.0*	3.1	-26.3	250.6	70.9	31.4	10.5	18.7	18.7	0.0
17:51:30	29 41.8	-95 30.2	-44.1	102.7	111.7	469	0.1	37.1	-9.2	72.6	78.5	50.0	27.8	19.5	19.5	10.1
17:51:29	29 41.8	-95 30.2	422.1	438.6	10348*	468	38.0	-10.7	-2.8	71.2	74.8	0.0	206.9	337.9	93.8	205.5
17:52:00	29 42.7	-95 31.4	-116.2	-7.7	116.4	448	266.0*	3.0	-25.7	963.9	71.9	31.2	11.0	-16.9	-18.9	0.2
17:52:00	29 40.9	-95 32.4	-115.9	-8.0	116.2	450	266.1*	2.8	-25.9	250.6	72.0	31.5	10.3	18.2	18.2	0.0
17:52:00	29 42.7	-95 31.9	-115.9	-3.7	116.0	468	0.1	37.9	-9.3	73.9	79.7	50.0	27.5	19.2	19.2	10.3
17:51:59	29 42.7	-95 31.9	421.8	438.3	10348*	473	37.3	-6.8	-1.9	72.3	76.3	0.0	208.4	269.2	90.5	206.8
17:52:30	29 41.7	-95 33.2	-85.6	-82.3	118.8	443	225.9	2.6	-0.7	964.3	74.9	31.5	10.7	-16.9	-18.8	0.2
17:52:30	29 39.9	-95 34.3	-85.4	-82.5	118.8	450	225.8	2.4	-0.9	250.6	75.0	31.8	9.9	18.4	18.4	0.0
17:52:30	29 41.7	-95 33.7	-85.3	-82.1	118.4	468	0.1	27.2	-14.7	76.9	82.4	50.0	26.7	19.3	19.3	10.5
17:52:29	29 41.7	-95 33.7	421.4	437.8	10348*	465	36.6	-6.1	-1.2	75.4	79.6	0.0	212.6	225.1	91.9	210.6
17:53:00	29 40.4	-95 34.8	-85.4	-82.5	118.8	446	226.0	2.8	-0.7	964.0	74.9	31.6	10.7	-16.9	-18.8	0.2
17:53:00	29 38.6	-95 35.8	-85.2	-82.8	118.8	446	225.8	2.6	-0.8	250.6	74.9	31.8	9.9	18.2	18.2	0.0
17:53:00	29 40.4	-95 35.3	-85.0	-82.5	118.4	461	0.1	28.4	-14.2	76.5	82.4	50.0	26.7	19.3	19.3	10.5
17:52:59	29 40.4	-95 35.3	421.4	437.8	10348*	468	33.5	-9.8	-2.0	75.3	79.7	0.0	212.5	225.0	91.8	210.6

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
17:53:30	29 39.0	-95 36.4	-84.9	-82.0	118.1	446	226.0	2.4	-0.1	963.7	75.4	31.7	10.8	-16.9	-18.9	0.2
17:53:30	29 37.3	-95 37.4	-84.7	-82.3	118.1	443	225.7	2.2	-0.2	250.6	75.4	32.0	9.9	18.8	18.8	0.0
17:53:30	29 39.1	-95 36.9	-84.4	-82.0	117.7	462	0.0	31.4	-12.9	77.2	82.9	50.0	26.6	20.0	20.0	10.4
17:53:29	29 39.1	-95 36.9	421.5	437.9	10348*	469	38.3	-8.4	-1.9	75.7	80.6	0.0	213.1	225.0	93.1	211.2
17:54:00	29 37.7	-95 38.0	-84.8	-82.0	117.9	442	225.6*	2.8	-6.6*	964.2	74.1	31.6	10.9	-16.9	-18.8	0.2
17:54:00	29 35.9	-95 39.0	-84.6	-82.2	118.0	445	225.8*	2.6	-6.7*	250.6	74.2	31.8	10.1	18.9	18.9	0.0
17:54:00	29 37.7	-95 38.4	-84.7	-81.6	117.6	470	0.1	25.3	-15.5	75.9	81.4	50.0	26.9	19.8	19.8	10.3
17:53:59	29 37.7	-95 38.4	421.7	438.1	10348*	467	37.9	-9.2	-2.0	74.5	78.7	0.0	211.5	224.8	91.7	209.7
17:54:30	29 36.0	-95 38.7	-11.0	-114.1	114.7	9	183.9	2.8	0.1*	964.6	72.3	31.3	11.0	-16.9	-18.9	0.2
17:54:30	29 34.2	-95 39.7	-10.8	-114.4	114.9	441	184.0	2.7	-0.1*	250.6	72.3	31.6	10.3	19.0	19.0	0.0
17:54:30	29 36.1	-95 39.2	-10.4	-114.0	114.5	470	0.1	29.0	-13.0	74.0	79.6	50.0	27.4	20.1	20.1	10.2
17:54:29	29 36.0	-95 39.2	421.9	438.4	10348*	465	39.9	-7.9	-1.8	72.6	76.5	0.0	208.8	181.0	92.8	207.3
17:55:00	29 34.1	-95 38.9	-5.5	-114.3	114.4	7	181.2	2.8	-3.5*	964.3	71.4	31.4	11.3	-16.9	-18.9	0.2
17:55:00	29 32.3	-95 39.9	-5.3	-114.5	114.7	445	181.0	2.6	-3.6*	250.6	71.5	31.7	10.6	19.6	19.6	0.0
17:55:00	29 34.2	-95 39.4	-5.4	-114.1	114.3	468	0.1	30.9	-11.9	73.3	78.7	50.0	27.6	20.3	20.3	10.0
17:54:59	29 34.2	-95 39.4	422.4	438.9	10348*	466	37.5	-6.4	-1.4	71.8	76.0	0.0	207.7	179.2	92.0	206.3
17:55:30	29 32.3	-95 38.9	3.9	-113.6	113.7	6	176.8	2.9	-1.3*	964.2	70.6	31.5	11.6	-16.9	-18.9	0.2
17:55:30	29 30.5	-95 39.9	4.1	-113.9	114.0	442	176.6	2.7	-1.4*	250.6	70.6	31.8	11.0	19.6	19.6	0.0
17:55:30	29 32.4	-95 39.3	4.3	-113.5	113.6	469	0.1	28.9	-12.5	72.8	77.9	50.0	27.9	20.4	20.4	9.8
17:55:29	29 32.3	-95 39.3	422.8	439.3	10348*	467	35.1	-1.8	-0.4	71.0	75.2	0.0	206.4	175.9	91.6	205.3
17:56:00	29 30.5	-95 38.8	3.5	-112.4	112.5	6	176.9	2.9	-0.5	964.2	69.7	31.4	11.7	-16.9	-18.9	0.2
17:56:00	29 28.7	-95 39.8	3.7	-112.7	112.8	450	176.8	2.8	-0.6	250.6	69.8	31.7	11.0	19.4	19.4	0.0
17:56:00	29 30.5	-95 39.3	4.1	-112.3	112.4	481	0.1	29.5	-11.8	71.4	76.9	50.0	28.1	20.2	20.2	9.8
17:55:59	29 30.5	-95 39.3	422.9	439.4	10348*	468	32.8	-10.4	-2.3	70.1	74.4	0.0	205.3	174.0	91.8	204.2
17:56:30	29 28.6	-95 38.7	4.0	-112.0	112.1	17	176.5	3.1	-0.5	964.1	70.1	31.6	11.8	-16.9	-18.9	0.2
17:56:30	29 26.8	-95 39.7	4.1	-112.3	112.4	445	176.7	2.9	-0.7	250.6	70.2	31.8	11.1	18.6	18.6	0.0
17:56:30	29 28.7	-95 39.2	4.4	-111.9	112.0	470	0.1	28.9	-12.3	72.2	77.3	50.0	28.0	20.3	20.3	9.7
17:56:29	29 28.7	-95 39.2	423.0	439.5	10348*	468	34.8	-3.1	-0.7	70.5	74.7	0.0	205.8	174.9	92.7	204.7
17:57:00	29 27.0	-95 38.1	56.3	-94.5	110.0	5	147.6	3.2	-1.5	964.5	68.4	31.1	11.7	-16.9	-18.8	0.2
17:57:00	29 25.2	-95 39.1	56.4	-94.8	110.3	446	147.5	3.1	-1.6	250.6	68.5	31.4	11.1	19.7	19.7	0.0
17:57:00	29 27.0	-95 38.5	56.7	-94.5	110.2	468	0.1	32.4	-10.4	70.5	75.6	50.0	28.4	20.4	20.4	9.7
17:56:59	29 27.0	-95 38.5	423.0	439.5	10348*	464	32.2	-4.0	-0.9	68.8	72.9	0.0	203.4	145.8	92.5	202.4
17:57:30	29 25.5	-95 37.0	57.4	-93.0	109.3	3	146.9	3.1	-0.5	964.0	69.3	31.2	11.6	-16.9	-18.8	0.2
17:57:30	29 23.7	-95 38.0	57.5	-93.3	109.6	451	146.8	3.0	-0.6	250.6	69.4	31.5	11.0	19.5	19.5	0.0
17:57:30	29 25.5	-95 37.5	58.0	-92.9	109.5	471	0.1	32.9	-10.5	71.2	76.5	50.0	28.2	20.2	20.2	9.8
17:57:29	29 25.5	-95 37.4	422.8	439.3	10348*	469	34.9	-5.9	-1.3	69.7	73.5	0.0	204.7	145.0	94.4	203.6
17:58:00	29 24.0	-95 35.9	57.7	-92.8	109.3	3	146.3	2.7	-0.3*	964.0	68.1	31.0	11.7	-16.9	-18.8	0.2
17:58:00	29 22.1	-95 36.9	57.8	-93.1	109.6	456	146.2	2.5	-0.4*	250.6	68.1	31.3	11.1	20.0	20.0	0.0
17:58:00	29 24.0	-95 36.4	58.2	-92.6	109.4	470	0.0	30.4	-11.1	70.0	75.2	50.0	28.5	20.8	20.8	9.8
17:57:59	29 24.0	-95 36.4	422.9	439.4	10348*	470	33.7	-5.9	-1.3	68.4	72.8	0.0	202.8	143.8	92.7	201.9

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
17:58:30	29 22.5	-95 34.9	58.3	-92.2	109.1	3	146.2	2.8	-0.7	963.8	70.3	31.0	11.2	-16.9	-18.9	0.2
17:58:30	29 20.6	-95 35.8	58.5	-92.5	109.5	456	146.4	2.6	-0.9	250.6	70.3	31.3	10.6	20.5	20.5	0.0
17:58:30	29 22.5	-95 35.3	58.8	-92.2	109.3	467	0.0	30.3	-12.0	72.3	77.7	50.0	27.9	20.8	20.8	10.1
17:58:29	29 22.5	-95 35.3	422.2	438.7	10348*	471	30.0	-4.4	-1.0	70.7	73.9	0.0	206.0	144.5	95.6	204.7
17:59:00	29 21.0	-95 33.8	58.5	-92.3	109.3	-1*	146.0	3.2	-0.8*	964.2	68.8	30.8	11.4	-16.9	-18.9	0.2
17:59:00	29 19.1	-95 34.8	58.7	-92.6	109.6	450	145.9	3.1	-1.0*	250.6	68.8	31.1	10.8	19.6	19.6	0.0
17:59:00	29 21.0	-95 34.2	59.1	-92.2	109.5	466	0.0	31.8	-10.4	70.7	75.8	50.0	28.3	20.6	20.6	9.9
17:58:59	29 21.0	-95 34.2	422.5	439.0	10348*	468	37.3	-4.2	-0.9	69.1	73.0	0.0	203.8	144.1	93.5	202.7
17:59:30	29 19.5	-95 32.7	59.0	-92.3	109.6	-2*	145.9	3.0	-0.5	964.0	68.7	30.6	11.2	-16.9	-18.9	0.2
17:59:30	29 17.6	-95 33.7	59.1	-92.6	109.9	458	145.7	2.9	-0.7	250.6	68.7	30.9	10.6	20.5	20.5	0.0
17:59:30	29 19.5	-95 33.1	59.6	-92.2	109.8	465	0.0	31.8	-10.6	70.5	75.8	50.0	28.4	20.7	20.7	10.1
17:59:29	29 19.5	-95 33.1	422.1	438.6	10348*	470	33.2	-7.6	-1.8	69.1	72.8	0.0	203.8	143.3	93.1	202.6
18:00:00	29 18.0	-95 31.6	58.8	-92.0	109.2	-2*	145.6	3.2	-0.5	964.2	68.2	30.7	11.4	-16.9	-18.8	0.2
18:00:00	29 16.1	-95 32.6	58.9	-92.3	109.5	454	145.4	3.0	-0.7	250.6	68.2	31.0	10.8	20.4	20.4	0.0
18:00:00	29 18.0	-95 32.0	59.4	-91.9	109.4	464	0.1	32.1	-10.2	69.9	75.2	50.0	28.5	20.8	20.8	10.0
17:59:59	29 18.0	-95 32.0	422.4	438.9	10348*	468	40.3	-7.9	-1.8	68.5	72.2	0.0	203.0	142.7	92.8	201.9
18:00:30	29 16.5	-95 30.5	60.0	-92.0	109.9	-2*	145.7	2.0	-1.3	963.8	66.5	30.9	12.0	-16.9	-18.8	0.2
18:00:30	29 14.6	-95 31.5	60.1	-92.3	110.2	462	145.9	1.8	-1.4	250.6	66.5	31.2	11.5	20.8	20.8	0.0
18:00:30	29 16.6	-95 30.9	60.7	-91.6	109.9	474	0.1	25.8	-12.5	68.0	73.3	50.0	29.0	21.1	21.1	9.5
18:00:29	29 16.5	-95 30.9	423.4	439.9	10347*	475	34.5	-11.8	-3.0	66.8	70.5	0.0	200.5	142.5	90.0	199.8
18:01:00	29 15.1	-95 29.3	92.9	-56.3	108.7	-2*	118.6*	3.3	-24.9*	964.3	69.1	30.8	11.3	-16.9	-18.8	0.2
18:01:00	29 13.2	-95 30.2	93.0	-56.6	108.9	463	118.6*	3.1	-25.1*	250.6	69.1	31.1	10.7	20.7	20.7	0.0
18:01:00	29 15.1	-95 29.6	92.0	-58.9	109.2	470	0.1	31.8	-10.9	70.7	76.2	50.0	28.3	21.0	21.0	10.0
18:00:59	29 15.1	-95 29.6	422.3	438.8	10348*	472	35.4	-8.8	-2.2	69.3	72.6	0.0	204.3	117.9	94.5	203.1
18:01:30	29 14.8	-95 27.3	106.3	-6.6	106.5	-2*	92.7	3.2	-0.5	964.2	66.3	30.5	11.7	-16.9	-18.9	0.2
18:01:30	29 12.9	-95 28.3	106.5	-7.0	106.7	452	92.5	3.1	-0.7	250.6	66.4	30.8	11.1	20.4	20.4	0.0
18:01:30	29 14.8	-95 27.7	106.9	-6.4	107.1	462	0.1	30.4	-10.5	68.3	73.3	50.0	29.0	20.8	20.8	9.8
18:01:29	29 14.8	-95 27.7	422.9	439.4	10348*	468	35.5	-6.1	-1.3	66.7	70.9	0.0	200.3	91.2	93.0	199.5
18:02:00	29 14.7	-95 25.4	105.9	-5.4	106.0	-2*	92.0	2.8	-1.1*	964.0	67.4	30.6	11.5	-16.9	-18.9	0.2
18:02:00	29 12.9	-95 26.3	106.0	-5.8	106.2	463	91.8	2.6	-1.3*	250.6	67.4	30.9	10.9	20.6	20.6	0.0
18:02:00	29 14.8	-95 25.7	106.3	-5.4	106.5	467	0.1	29.8	-10.9	68.9	74.4	50.0	28.7	20.8	20.8	9.9
18:01:59	29 14.8	-95 25.7	422.6	439.1	10348*	471	36.5	-11.4	-2.7	67.6	71.5	0.0	201.8	89.4	95.0	200.9
18:02:30	29 14.6	-95 23.4	107.0	-0.9	107.1	-2*	89.7*	3.2	-17.3*	964.5	68.4	30.3	11.0	-16.9	-18.9	0.2
18:02:30	29 12.8	-95 24.4	107.2	-1.3	107.2	460	89.7*	3.0	-17.4*	250.6	68.4	30.6	10.4	20.5	20.5	0.0
18:02:30	29 14.7	-95 23.8	107.6	-2.8	107.6	461	0.1	31.2	-10.7	69.5	75.5	50.0	28.4	20.9	20.9	10.2
18:02:29	29 14.7	-95 23.7	421.9	438.4	10348*	467	33.3	-16.1	-4.1	68.6	72.7	0.0	203.3	88.7	95.0	202.1
18:03:00	29 15.5	-95 21.8	75.2	77.0	107.7	-2*	45.0	2.7	-0.9	964.7	71.0	30.4	10.5	-16.9	-18.9	0.2
18:03:00	29 13.6	-95 22.7	75.5	76.7	107.6	454	45.1	2.6	-1.1	250.6	71.0	30.7	9.8	20.6	20.6	0.0
18:03:00	29 15.5	-95 22.1	75.7	77.4	108.3	462	0.1	28.7	-12.7	72.5	78.1	50.0	27.8	20.9	20.9	10.6
18:02:59	29 15.5	-95 22.1	421.1	437.6	10348*	463	36.0	-9.5	-2.2	71.3	75.4	0.0	207.0	44.6	97.7	205.4

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
18:03:30	29 16.7	-95 20.4	61.6	88.3	107.6	-2*	34.5*	3.0	-11.3*	964.4	69.6	30.4	10.9	-16.9	-18.9	0.2
18:03:30	29 14.9	-95 21.4	61.9	87.9	107.5	458	34.5*	2.8	-11.4*	250.6	69.6	30.7	10.2	20.1	20.1	0.0
18:03:30	29 16.8	-95 20.7	63.7	87.5	108.3	460	0.1	30.3	-11.4	72.0	76.6	50.0	28.1	20.5	20.5	10.4
18:03:29	29 16.8	-95 20.7	421.6	438.1	10348*	467	40.0	3.6	0.7	69.9	73.4	0.0	205.0	37.0	96.0	203.6
18:04:00	29 18.2	-95 19.3	58.8	90.0	107.5	-2*	34.1	2.9	-0.8	964.3	70.2	30.3	10.6	-16.9	-18.9	0.2
18:04:00	29 16.3	-95 20.3	59.1	89.7	107.4	457	34.0	2.8	-0.9	250.6	70.3	30.6	9.9	19.9	19.9	0.0
18:04:00	29 18.2	-95 19.6	59.4	90.3	108.0	471	0.1	28.0	-13.0	72.1	77.4	50.0

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
18:08:30	29 19.0	-95 7.4	88.3	-70.4	112.9	-2*	126.8	2.3	-1.0	963.7	74.4	30.3	9.6	-16.9	-18.9	0.2
18:08:30	29 17.1	-95 8.3	88.3	-70.7	113.1	466	126.9	2.2	-1.1	250.6	74.4	30.6	8.8	18.4	18.4	0.0
18:08:30	29 19.1	-95 7.6	88.7	-70.3	113.2	470	0.1	27.4	-14.6	76.2	81.6	50.0	26.9	19.3	19.3	11.3
18:08:29	29 19.1	-95 7.6	419.8	436.2	10348*	469	31.3	-5.5	-1.1	74.8	79.1	0.0	211.8	124.5	96.7	209.5
18:09:00	29 17.9	-95 5.7	83.7	-78.0	114.4	-2*	132.2*	2.8	16.0*	963.3	74.3	29.9	9.3	-16.9	-18.9	0.2
18:09:00	29 15.9	-95 6.7	83.6	-78.3	114.6	458	132.2*	2.7	15.8*	250.6	74.3	30.1	8.5	20.2	20.2	0.0
18:09:00	29 18.0	-95 5.9	85.9	-75.9	114.6	464	0.0	31.8	-12.8	76.4	81.8	50.0	26.9	20.3	20.3	11.6
18:08:59	29 18.0	-95 5.9	419.3	435.6	10348*	465	29.6	-4.5	-0.8	74.7	80.0	0.0	211.7	129.0	95.0	209.2
18:09:30	29 16.5	-95 4.2	80.7	-82.5	115.4	-2*	133.0	2.3	0.8*	963.9	76.0	30.1	9.1	-16.9	-18.9	0.2
18:09:30	29 14.6	-95 5.2	80.6	-82.8	115.6	462	132.8	2.2	0.7*	250.6	76.0	30.4	8.3	20.4	20.4	0.0
18:09:30	29 16.7	-95 4.4	81.3	-82.2	115.6	468	0.1	26.6	-15.4	77.8	83.4	50.0	26.4	20.5	20.5	11.7
18:09:29	29 16.7	-95 4.4	419.0	435.3	10348*	468	27.3	-6.6	-1.4	76.4	80.8	0.0	214.1	129.2	96.3	211.4
18:10:00	29 15.2	-95 2.7	85.8	-81.5	118.3	-2*	130.4	-0.7	0.1*	974.7	82.5	30.5	8.1	-16.9	-18.9	0.2
18:10:00	29 13.3	-95 3.7	85.6	-81.8	118.4	370	130.2	-0.9	-0.1*	250.6	82.5	30.8	7.1	20.5	20.5	0.0
18:10:00	29 15.3	-95 2.9	86.0	-81.3	118.4	373	0.0	25.6	-17.9	84.2	89.9	50.0	24.8	21.0	21.0	12.6
18:09:59	29 15.3	-95 2.9	417.6	433.8	10348*	370	32.8	-1.4	-0.4	82.9	87.1	0.0	222.7	127.2	100.6	219.0
18:10:30	29 13.9	-95 1.2	78.8	-79.7	112.1	-2*	132.1	1.1	-0.2	979.7	74.6	30.0	9.3	-16.9	-18.9	0.2
18:10:30	29 11.9	-95 2.1	78.7	-80.0	112.2	322	132.2	1.0	-0.4	250.6	74.7	30.2	8.5	19.9	19.9	0.0
18:10:30	29 14.0	-95 1.4	79.4	-79.7	112.5	326	0.0	27.2	-14.7	76.4	81.8	50.0	26.8	21.1	21.1	11.5
18:10:29	29 14.0	-95 1.4	419.4	435.7	10348*	325	29.3	-2.6	-0.4	75.0	79.2	0.0	212.1	128.6	97.8	209.7
18:11:00	29 12.7	-94 59.7	80.2	-71.6	107.5	-2*	128.3	1.7	0.8*	986.5	69.9	30.3	10.6	-16.9	-18.9	0.2
18:11:00	29 10.7	-95 0.7	80.0	-71.9	107.6	262	128.3	1.5	0.6*	250.6	69.9	30.5	9.9	20.4	20.4	0.0
18:11:00	29 12.8	-94 59.9	80.5	-71.3	107.5	262	0.0	28.9	-12.2	72.3	77.0	50.0	28.0	21.1	21.1	10.5
18:10:59	29 12.8	-94 59.9	421.3	437.7	10348*	264	27.4	1.8	0.4	70.3	74.6	0.0	205.4	125.4	96.7	204.0
18:11:30	29 11.5	-94 58.3	80.1	-72.9	108.3	-2*	128.5	0.8	-2.1*	986.2	70.2	30.0	10.3	-16.9	-18.9	0.2
18:11:30	29 9.5	-94 59.2	80.0	-73.2	108.4	264	128.3	0.6	-2.2*	250.6	70.2	30.3	9.6	21.2	21.2	0.0
18:11:30	29 11.7	-94 58.5	79.6	-72.7	107.8	279	0.0	33.6	-10.2	72.2	77.2	50.0	28.0	21.4	21.4	10.8
00:00:00	29 11.6	-94 58.4	420.8	437.2	10348*	267	34.8	-2.5	-0.7	70.6	74.9	0.0	205.9	124.7	96.2	204.3
18:12:00	29 10.3	-94 56.7	81.0	-76.4	111.3	-2*	129.5	2.4	1.1*	988.2	74.6	30.7	9.9	-16.9	-18.9	0.2
18:12:00	29 8.3	-94 57.7	80.8	-76.7	111.4	248	129.2	2.2	0.9*	250.6	74.6	30.9	9.1	19.2	19.2	0.0
18:12:00	29 10.4	-94 56.9	81.4	-76.1	111.5	254	0.0	26.7	-14.9	76.5	82.0	50.0	26.8	20.2	20.2	11.0
18:11:59	29 10.4	-94 56.9	420.3	436.7	10348*	248	26.9	-5.9	-1.0	75.0	79.1	0.0	212.1	124.7	99.1	209.9
18:12:30	29 9.0	-94 55.3	74.0	-85.3	112.9	-2*	135.5	2.3	-0.1	988.1	76.1	29.7	8.7	-16.9	-18.9	0.2
18:12:30	29 7.0	-94 56.3	73.7	-85.6	113.0	249	135.7	2.1	-0.3	250.6	76.1	29.9	7.8	21.4	21.4	0.0
18:12:30	29 9.1	-94 55.5	74.3	-85.1	113.0	251	0.0	25.9	-15.8	77.9	83.6	50.0	26.4	21.3	21.3	12.1
18:12:29	29 9.1	-94 55.5	418.4	434.7	10348*	250	26.9	-7.2	-1.6	76.5	80.7	0.0	214.2	130.8	99.0	211.3
18:13:00	29 7.6	-94 54.0	74.0	-86.1	113.5	-2*	135.9	2.3	-1.1*	988.0	76.6	29.5	8.4	-16.9	-18.9	0.2
18:13:00	29 5.6	-94 54.9	73.8	-86.4	113.6	249	135.9	2.1	-1.2*	250.6	76.6	29.8	7.6	21.9	21.9	0.0
18:13:00	29 7.7	-94 54.1	74.3	-86.0	113.6	250	0.1	26.4	-15.7	78.3	84.1	50.0	26.3	21.7	21.7	12.3
18:12:59	29 7.7	-94 54.1	418.0	434.3	10348*	251	26.8	-8.2	-1.9	77.0	81.2	0.0	214.8	131.2	98.8	211.9

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
18:13:30	29 6.0	-94 53.0	-5.6	-118.3	118.4	-2*	180.9*	2.3	23.8	987.1	76.0	29.5	8.6	-16.9	-18.9	0.2
18:13:30	29 4.0	-94 54.0	-6.0	-118.5	118.7	249	180.9*	2.2	23.6	250.6	76.0	29.8	7.7	21.8	21.8	0.0
18:13:30	29 6.1	-94 53.2	-1.9	-118.3	118.3	250	0.1	31.4	-13.6	78.0	83.8	50.0	26.4	21.7	21.7	12.1
18:13:29	29 6.1	-94 53.2	418.3	434.6	10348*	253	26.7	-5.9	-0.8	76.4	81.5	0.0	214.0	175.3	93.2	211.2
18:14:00	29 4.4	-94 54.2	-94.9	-74.9	120.9	-2*	231.4*	2.4	-8.4*	988.6	74.2	29.5	8.9	-16.9	-18.9	0.2
18:14:00	29 2.4	-94 55.2	-95.2	-75.1	121.2	245	231.5*	2.2	-8.5*	250.6	74.2	29.8	8.2	21.9	21.9	0.0
18:14:00	29 4.5	-94 54.3	-95.6	-73.7	120.7	244	0.1	28.6	-14.0	75.9	81.6	50.0	26.9	22.0	22.0	11.8
18:13:59	29 4.5	-94 54.3	418.8	435.1	10348*	246	26.8	-7.8	-1.4	74.5	78.5	0.0	211.5	231.2	88.0	209.0
18:14:30	29 3.0	-94 55.7	-80.3	-90.4	120.9	-2*	221.0	2.5	-0.7	988.4	74.6	29.6	8.9	-16.9	-18.9	0.2
18:14:30	29 1.0	-94 56.7	-80.6	-90.6	121.2	246	221.0	2.3	-0.9	250.6	74.6	29.9	8.1	22.0	22.0	0.0
18:14:30	29 3.1	-94 55.8	-80.2	-90.3	120.8	245	0.0	26.0	-15.2	76.2	82.0	50.0	26.8	21.8	21.8	11.8
18:14:29	29 3.1	-94 55.8	418.8	435.1	10348*	246	27.0	-10.5	-2.4	75.0	79.1	0.0	212.1	218.8	88.7	209.5
18:15:00	29 1.5	-94 57.2	-80.2	-89.7	120.4	-2*	220.9	2.5	-1.0	988.1	74.1	29.5	9.0	-16.9	-18.9	0.2
18:15:00	28 59.5	-94 58.2	-80.5	-89.9	120.7	248	220.8	2.4	-1.1	250.6	74.2	29.8	8.2	22.3	22.3	0.0
18:15:00	29 1.6	-94 57.3	-80.1	-89.6	120.2	247	0.1	26.6	-14.7	75.8	81.5	50.0	26.9	22.2	22.2	11.8
18:14:59	29 1.6	-94 57.3	418.8	435.1	10348*	247	27.0	-9.3	-1.9	74.5	78.5	0.0	211.4	218.7	88.6	208.9
18:15:30	29 0.0	-94 58.7	-80.2	-89.8	120.4	-2*	220.8	2.4	-0.8	987.9	74.2	29.7	9.1	-16.9	-18.9	0.2
18:15:30	28 58.1	-94 59.7	-80.5	-90.0	120.8	248	220.5	2.2	-0.9	250.6	74.2	30.0	8.3	22.4	22.4	0.0
18:15:30	29 0.2	-94 58.8	-80.1	-89.7	120.3	246	0.0	30.4	-13.3	76.1	81.7	50.0	26.9	22.3	22.3	11.7
18:15:29	29 0.2	-94 58.8	419.1	435.4	10348*	247	26.8	-5.6	-1.0	74.6	78.7	0.0	211.5	219.2	88.7	209.1
18:16:00	28 58.6	-95 0.2	-80.4	-89.5	120.3	-2*	220.9	2.5	-0.5	988.1	73.9	29.8	9.2	-16.9	-18.9	0.2
18:16:00	28 56.6	-95 1.2	-80.7	-89.7	120.6	247	221.0	2.3	-0.6	250.6	73.9	30.0	8.5	22.5	22.5	0.0
18:16:00	28 58.7	-95 0.2	-80.3	-89.4	120.2	246	0.0	28.8	-13.7	75.5	81.3	50.0	27.0	22.2	22.2	11.6
18:15:59	28 58.7	-95 0.3	419.2	435.6	10348*	247	27.0	-9.4	-1.8	74.3	78.6	0.0	211.1	218.3	88.5	208.7
18:16:30	28 57.2	-95 1.7	-102.8	-62.1	120.1	-2*	240.5*	2.7	25.7	986.9	72.1	29.8	9.7	-16.9	-18.9	0.2
18:16:30	28 55.2	-95 2.7	-103.1	-62.2	120.4	250	240.6*	2.6	25.5	250.6	72.1	30.1	9.0	22.4	22.4	0.0
18:16:30	28 57.3	-95 1.8	-100.9	-65.0	120.0	249	0.1	32.9	-11.5	73.8	79.6	50.0	27.5	22.3	22.3	11.2
18:16:29	28 57.3	-95 1.8	419.9	436.3	10348*	250	27.1	-10.9	-2.3	72.4	77.7	0.0	208.5	237.8	86.4	206.5
18:17:00	28 57.2	-95 3.8	-93.5	65.4	114.1	-2*	310.3*	2.6	22.2*	987.2	72.0	29.7	9.6	-16.9	-18.9	0.2
18:17:00	28 55.2	-95 4.8	-93.6	65.3	114.1	247	310.3*	2.4	21.9*	250.6	72.0	30.0	8.9	22.7	22.7	0.0
18:17:00	28 57.3	-95 3.8	-95.5	63.0	114.4	247	0.0	33.2	-11.4	74.0	79.5	50.0	27.5	22.4	22.4	11.3
18:16:59	28 57.3	-95 3.9	419.8	436.1	10348*	247	27.1	-6.6	-1.2	72.4	77.4	0.0	208.5	313.4	92.9	206.4
18:17:30	28 58.5	-95 5.3	-78.1	81.3	112.7	-2*	320.7	2.7	0.9	988.3	71.7	29.5	9.5	-16.9	-18.9	0.2
18:17:30	28 56.5	-95 6.3	-78.2	81.1	112.7	246	320.8	2.6	0.7	250.6	71.7	29.8	8.8	22.5	22.5	0.0
18:17:30	28 58.6	-95 5.4	-78.2	81.3	112.9	248	0.1	28.0	-13.2	73.3	78.8	50.0	27.6	22.2	22.2	11.4
18:17:29	28 58.6	-95 5.4	419.6	436.0	10348*	245	26.8	-9.0	-1.7	72.0	75.8	0.0	208.0	324.9	93.8	205.9
18:18:00	28 59.8	-95 6.8	-80.5	80.4	113.8	-2*	319.3	2.6	-1.1	988.2	72.5	29.5	9.3	-16.9	-18.9	0.2
18:18:00	28 57.8	-95 7.8	-80.7	80.3	113.8	248	319.3	2.4	-1.3	250.6	72.5	29.7	8.6	22.5	22.5	0.0
18:18:00	28 59.9	-95 6.8	-80.3	80.5	113.7	250	0.1	26.7	-14.2	74.3	79.9	50.0	27.4	22.2	22.2	11.6
18:17:59	28 59.9	-95 6.8	419.3	435.7	10348*	247	27.0	-9.5	-1.9	72.8	76.9	0.0	209.1	323.6	93.6	206.9

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
18:18:30	29 1.2	-95 8.3	-89.2	88.7	125.8	-2*	318.2	1.6	-0.5	987.3	88.9	31.0	7.2	-16.9	-18.9	0.2
18:18:30	28 59.2	-95 9.3	-89.4	88.6	125.8	252	318.0	1.5	-0.6	250.6	88.9	31.2	5.9	22.1	22.1	0.0
18:18:30	29 1.2	-95 8.4	-89.0	88.8	125.7	244	0.0	17.4	-23.8	91.1	97.4	50.0	23.1	22.2	22.2	13.4
18:18:29	29 1.3	-95 8.4	416.2	432.4	10348*	251	27.1	-6.6	-2.7	89.3	94.3	0.0	231.0	322.1	100.8	226.2
18:19:00	29 2.6	-95 10.0	-83.9	83.9	118.6	-2*	317.7	7.2	0.2	963.8	80.1	31.1	9.1	-16.9	-18.9	0.2
18:19:00	29 0.6	-95 11.0	-84.0	83.7	118.6	459	317.5	7.0	0.0	250.6	80.1	31.2	8.1	18.5	18.5	0.0
18:19:00	29 2.7	-95 10.0	-84.1	84.5	119.2	452	0.1	21.7	-19.0	82.6	88.3	50.0	25.4	20.2	20.2	11.7
18:18:59	29 2.7	-95 10.0	419.0	435.4	10348*	458	28.8	-4.2	-1.3	80.4	85.4	0.0	219.6	321.1	97.4	216.5
18:19:30	29 3.9	-95 11.4	-78.6	83.0	114.4	-2*	318.8	2.7	-0.8	948.6	73.2	31.5	11.1	-16.9	-18.9	0.2
18:19:30	29 1.9	-95 12.5	-78.8	82.8	114.3	602	319.0	2.5	-1.0	250.6	73.2	31.8	10.3	15.9	15.9	0.0
18:19:30	29 4.0	-95 11.5	-78.8	83.2	114.6	610	0.0	27.9	-13.7	74.5	80.4	50.0	27.2	17.8	17.8	10.2
18:19:29	29 4.0	-95 11.5	422.0	438.4	10348*	605	27.3	-12.7	-2.7	73.5	77.5	0.0	210.1	320.0	94.2	208.5
18:20:00	29 5.3	-95 12.9	-79.4	80.1	112.8	-2*	317.5	1.5*	-1.3	947.3	71.9	30.8	10.7	-16.9	-18.9	0.2
18:20:00	29 3.2	-95 13.9	-79.6	79.9	112.8	617	317.4	1.4*	-1.5	250.6	71.9	31.1	10.0	17.1	17.1	0.0
18:20:00	29 5.3	-95 13.0	-79.5	80.3	113.0	628	0.0	22.8	-15.4	73.3	78.7	50.0	27.5	18.6	18.6	10.5
18:19:59	29 5.4	-95 13.0	421.4	437.8	10348*	619	32.6	-9.0	-2.3	72.2	76.0	0.0	208.3	319.2	94.0	206.7
18:20:30	29 6.5	-95 14.3	-77.1	77.0	109.0	-2*	318.0	3.9*	-2.1	962.1	68.8	29.3	10.0	-16.9	-18.9	0.2
18:20:30	29 4.5	-95 15.4	-77.3	76.9	109.0	478	317.8	3.7*	-2.2	250.6	68.8	29.6	9.4	20.9	20.9	0.0
18:20:30	29 6.6	-95 14.4	-77.1	77.6	109.4	484	0.1	33.8	-9.8	70.4	76.0	50.0	28.3	20.9	20.9	11.0
18:20:29	29 6.7	-95 14.4	420.4	436.8	10348*	479	34.0	-9.8	-2.2	69.1	73.1	0.0	203.8	320.6	93.5	202.3
18:21:00	29 7.8	-95 15.8	-80.1	77.3	111.3	-2*	317.3	2.9	-1.1	962.6	69.4	29.7	10.2	-16.9	-18.9	0.2
18:21:00	29 5.8	-95 16.8	-80.3	77.1	111.3	474	317.1	2.7	-1.3	250.6	69.5	30.0	9.6	21.0	21.0	0.0
18:21:00	29 7.9	-95 15.9	-80.2	77.5	111.5	483	0.0	29.2	-11.9	71.1	76.6	50.0	28.2	20.8	20.8	10.8
18:20:59	29 7.9	-95 15.9	420.7	437.1	10348*	476	33.0	-9.8	-2.1	69.8	73.5	0.0	204.8	320.2	92.2	203.2
18:21:30	29 9.1	-95 17.3	-80.7	79.5	113.2	-2*	317.0	2.5	-0.5	962.5	71.9	30.3	10.2	-16.9	-18.9	0.2
18:21:30	29 7.0	-95 18.3	-80.9	79.3	113.3	475	317.2	2.3	-0.6	250.6	71.9	30.6	9.5	20.9	20.9	0.0
18:21:30	29 9.2	-95 17.4	-80.8	79.6	113.5	479	0.1	29.7	-12.4	73.2	79.1	50.0	27.5	21.1	21.1	10.8
18:21:29	29 9.2	-95 17.4	420.7	437.1	10348*	478	31.1	-13.3	-3.3	72.2	75.9	0.0	208.3	318.1	93.3	206.5
18:22:00	29 10.4	-95 18.8	-80.7	80.8	114.2	-2*	317.3	2.4	-1.3*	962.6	69.6	30.6	11.0	-16.9	-18.9	0.2
18:22:00	29 8.3	-95 19.8	-80.9	80.6	114.2	475	317.3	2.2	-1.4*	250.6	69.6	30.9	10.3	21.1	21.1	0.0
18:22:00	29 10.5	-95 18.9	-80.7	81.0	114.4	478	0.1	27.9	-12.5	71.1	76.8	50.0	28.1	21.1	21.1	10.3
18:21:59	29 10.5	-95 18.9	421.8	438.3	10348*	477	40.1	-12.7	-3.3	69.9	74.3	0.0	205.0	318.5	89.6	203.7
18:22:30	29 11.7	-95 20.3	-81.7	82.3	116.0	-2*	317.5	2.2	-0.9*	962.7	75.8	31.0	10.0	-16.9	-18.8	0.2
18:22:30	29 9.6	-95 21.3	-82.0	82.1	116.0	474	317.4	2.1	-1.0*	250.6	75.8	31.3	9.2	20.7	20.7	0.0
18:22:30	29 11.8	-95 20.4	-82.0	82.3	116.2	478	0.0	23.4	-16.4	76.8	83.2	50.0	26.5	21.1	21.1	11.0
18:22:29	29 11.8	-95 20.4	420.4	436.8	10348*	478	35.3	-16.7	-4.7	76.1	80.1	0.0	213.8	318.0	95.6	211.5
18:23:00	29 13.0	-95 21.8	-81.4	82.5	115.9	-2*	317.1	2.6	-0.9	962.2	76.9	31.1	9.9	-16.9	-18.9	0.2
18:23:00	29 11.0	-95 22.8	-81.7	82.3	115.9	475	316.9	2.4	-1.0	250.6	76.9	31.4	9.0	19.7	19.7	0.0
18:23:00	29 13.1	-95 21.9	-81.7	82.7	116.2	482	0.0	27.0	-15.5	78.6	84.4	50.0	26.2	20.2	20.2	11.1
18:22:59	29 13.1	-95 21.9	420.2	436.5	10348*	479	36.4	-9.6	-2.1	77.3	81.5	0.0	215.3	318.2	97.0	212.8

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
18:23:30	29 14.3	-95 23.3	-81.7	82.4	116.1	-2*	317.0	2.2	-0.1*	962.0	74.4	31.0	10.3	-16.9	-18.9	0.2
18:23:30	29 12.3	-95 24.4	-82.0	82.2	116.1	478	317.1	2.1	-0.2*	250.6	74.5	31.3	9.5	20.5	20.5	0.0
18:23:30	29 14.5	-95 23.4	-81.9	82.6	116.3	481	0.1	28.2	-14.2	76.3	82.0	50.0	26.8	20.9	20.9	10.7
18:23:29	29 14.5	-95 23.4	420.8	437.3	10348*	481	34.7	-8.9	-2.1	74.8	78.7	0.0	211.9	318.1	93.8	209.8
18:24:00	29 15.7	-95 24.8	-81.5	82.7	116.1	-2*	317.3	2.4	-1.0	962.3	75.4	31.3	10.3	-16.9	-18.9	0.2
18:24:00	29 13.6	-95 25.9	-81.7	82.5	116.1	470	317.2	2.2	-1.1	250.6	75.5	31.5	9.5	20.2	20.2	0.0
18:24:00	29 15.8	-95 24.9	-81.7	82.9	116.4	496	0.1	25.2	-15.7	76.8	82.8	50.0

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
18:28:30	29 27.5	-95 38.8	-82.0	83.2	116.8	-2*	316.7	1.8	-1.3	962.3	73.2	32.2	11.7	-16.9	-18.9	0.2
18:28:30	29 25.4	-95 39.9	-82.3	83.0	116.9	463	316.6	1.6	-1.4	250.6	73.3	32.5	10.9	19.8	19.8	0.0
18:28:30	29 27.6	-95 38.9	-82.2	83.4	117.1	486	0.0	20.0	-16.8	74.6	80.2	50.0	27.1	20.6	20.6	9.8
18:28:29	29 27.7	-95 38.9	422.9	439.4	10348*	480	37.9	-10.4	-2.9	73.3	77.6	0.0	210.2	317.1	92.0	208.8
18:29:00	29 28.8	-95 40.3	-81.8	82.5	116.2	-2*	317.1	2.5	-0.8	962.5	75.5	32.1	11.0	-16.9	-18.8	0.2
18:29:00	29 26.7	-95 41.4	-82.1	82.2	116.2	458	316.9	2.3	-0.9	250.6	75.6	32.3	10.2	19.7	19.7	0.0
18:29:00	29 29.0	-95 40.5	-82.2	82.7	116.6	482	0.0	25.4	-15.7	77.1	82.9	50.0	26.5	20.6	20.6	10.2
18:28:59	29 29.0	-95 40.5	421.9	438.4	10348*	477	35.7	-10.6	-2.5	75.9	80.2	0.0	213.4	318.2	95.4	211.5
18:29:30	29 30.1	-95 41.8	-80.9	81.8	115.0	-2*	316.2*	2.2	-0.5	962.2	72.0	32.0	11.8	-16.9	-18.9	0.2
18:29:30	29 28.1	-95 42.9	-81.3	81.5	115.1	463	316.3*	2.0	-0.6	250.6	72.0	32.3	11.0	19.8	19.8	0.0
18:29:30	29 30.3	-95 42.0	-81.2	82.1	115.4	482	0.1	26.1	-14.1	74.4	79.1	50.0	27.5	20.4	20.4	9.7
18:29:29	29 30.3	-95 42.0	423.0	439.5	10348*	479	38.3	1.8	0.8	72.4	76.8	0.0	208.4	318.5	92.1	207.1
18:30:00	29 31.5	-95 43.3	-81.6	82.4	115.9	-2*	317.1	2.5	-0.4	962.9	75.4	32.6	11.5	-16.9	-18.9	0.2
18:30:00	29 29.4	-95 44.4	-81.9	82.1	116.0	449	317.1	2.4	-0.6	250.6	75.4	32.8	10.7	18.3	18.3	0.0
18:30:00	29 31.7	-95 43.5	-81.8	82.8	116.4	481	0.1	23.0	-16.6	76.7	82.7	50.0	26.6	20.3	20.3	9.9
18:29:59	29 31.7	-95 43.5	422.6	439.1	10348*	475	36.7	-12.5	-3.4	75.7	79.9	0.0	213.2	317.6	95.6	211.5
18:30:30	29 32.8	-95 44.8	-81.2	81.9	115.3	-2*	317.0	2.3	-0.8	962.1	75.2	32.5	11.5	-16.9	-18.9	0.2
18:30:30	29 30.7	-95 45.9	-81.6	81.6	115.4	455	316.8	2.2	-0.9	250.6	75.3	32.7	10.6	18.9	18.9	0.0
18:30:30	29 33.0	-95 45.0	-81.9	81.9	115.8	491	0.0	28.8	-13.8	76.5	82.5	50.0	26.6	19.9	19.9	9.9
18:30:29	29 33.0	-95 45.0	422.5	439.0	10348*	481	40.5	-13.3	-3.3	75.6	79.7	0.0	213.0	317.4	96.0	211.3
18:31:00	29 34.1	-95 46.3	-80.2	81.0	114.0	-2*	316.3	2.3*	-0.7*	962.5	71.0	32.2	12.1	-16.9	-18.9	0.2
18:31:00	29 32.0	-95 47.5	-80.6	80.7	114.1	447	316.1	2.2*	-0.9*	250.6	71.1	32.4	11.4	18.6	18.6	0.0
18:31:00	29 34.3	-95 46.5	-80.7	81.2	114.5	481	0.1	17.1	-17.5	73.6	77.9	50.0	27.7	20.0	20.0	9.5
18:30:59	29 34.3	-95 46.5	423.6	440.1	10348*	478	37.6	2.7	0.4	71.3	76.9	0.0	207.1	319.0	92.2	206.0
18:31:30	29 35.4	-95 47.8	-79.9	80.4	113.3	-2*	317.0	2.7	-1.0	962.6	70.6	31.9	11.9	-16.9	-18.9	0.2
18:31:30	29 33.3	-95 48.9	-80.3	80.1	113.4	453	317.2	2.5	-1.1	250.6	70.7	32.2	11.3	19.2	19.2	0.0
18:31:30	29 35.6	-95 48.0	-79.9	80.9	113.7	486	0.0	31.9	-11.0	72.2	77.8	50.0	27.8	20.1	20.1	9.6
18:31:29	29 35.6	-95 48.0	423.2	439.8	10348*	475	38.7	-10.6	-2.5	71.1	74.4	0.0	206.5	318.0	92.2	205.5
18:32:00	29 36.8	-95 49.3	-79.6	80.5	113.2	-2*	317.0	2.6	-0.6	962.6	71.1	31.7	11.7	-16.9	-18.9	0.2
18:32:00	29 34.6	-95 50.4	-80.0	80.2	113.3	452	317.0	2.5	-0.8	250.6	71.1	32.0	11.0	19.3	19.3	0.0
18:32:00	29 36.9	-95 49.5	-79.9	80.8	113.7	489	0.0	28.4	-12.8	72.8	78.1	50.0	27.7	20.2	20.2	9.8
18:31:59	29 37.0	-95 49.5	422.9	439.4	10348*	476	38.2	-7.2	-1.4	71.4	75.6	0.0	207.1	318.4	92.8	205.9
18:32:30	29 38.0	-95 50.8	-80.0	78.6	112.1	-2*	316.0	1.8	-0.6*	962.2	70.4	31.7	11.8	-16.9	-18.8	0.2
18:32:30	29 35.9	-95 51.9	-80.5	78.2	112.2	455	315.8	1.7	-0.7*	250.6	70.4	32.0	11.2	19.5	19.5	0.0
18:32:30	29 38.2	-95 51.0	-80.8	78.3	112.6	487	0.0	20.5	-16.3	71.9	77.3	50.0	27.9	20.3	20.3	9.7
18:32:29	29 38.2	-95 51.0	423.1	439.6	10348*	482	37.7	-10.1	-2.7	70.7	75.1	0.0	206.2	316.6	93.0	205.1
18:33:00	29 39.3	-95 52.3	-80.6	77.4	111.7	-2*	315.5	2.6	-0.6	963.0	68.1	31.6	12.3	-16.9	-18.9	0.2
18:33:00	29 37.2	-95 53.4	-81.1	77.0	111.8	448	315.2	2.4	-0.7	250.6	68.1	31.9	11.7	19.2	19.2	0.0
18:33:00	29 39.5	-95 52.5	-81.1	77.4	112.2	480	0.1	22.1	-14.8	69.6	74.8	50.0	28.5	20.4	20.4	9.3
18:32:59	29 39.5	-95 52.5	423.8	440.4	10348*	475	37.5	-9.9	-2.5	68.4	71.9	0.0	202.9	316.2	90.5	202.2

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
18:33:30	29 40.5	-95 53.8	-80.9	76.7	111.4	-2*	315.6	2.7	-0.7	962.6	68.9	31.4	11.9	-16.9	-18.9	0.2
18:33:30	29 38.4	-95 54.9	-81.4	76.3	111.5	449	315.7	2.5	-0.9	250.6	68.9	31.7	11.2	19.2	19.2	0.0
18:33:30	29 40.8	-95 54.0	-80.6	77.3	111.7	480	0.0	28.5	-11.9	70.3	75.7	50.0	28.3	19.9	19.9	9.6
18:33:29	29 40.8	-95 54.0	423.1	439.7	10348*	478	33.4	-11.4	-2.7	69.2	73.0	0.0	204.0	316.6	91.7	203.1
18:34:00	29 41.8	-95 55.2	-80.6	77.1	111.5	-2*	315.8	2.2	-1.1*	961.8	70.4	31.6	11.7	-16.9	-18.9	0.2
18:34:00	29 39.7	-95 56.4	-81.1	76.8	111.6	449	315.8	2.0	-1.2*	250.6	70.4	31.8	11.0	19.2	19.2	0.0
18:34:00	29 42.0	-95 55.5	-81.0	77.3	111.9	485	0.1	28.9	-12.4	72.3	77.4	50.0	27.9	20.0	20.0	9.7
18:33:59	29 42.0	-95 55.5	422.9	439.4	10348*	482	37.7	-5.1	-1.1	70.8	74.9	0.0	206.2	318.1	93.6	205.0
18:34:30	29 43.0	-95 56.8	-80.9	76.8	111.5	-2*	315.6	3.0	-0.7	962.7	70.8	31.6	11.6	-16.9	-18.9	0.2
18:34:30	29 40.9	-95 58.0	-81.4	76.4	111.6	446	315.5	2.9	-0.9	250.6	70.9	31.9	11.0	19.1	19.1	0.0
18:34:30	29 43.2	-95 57.0	-81.6	76.9	112.1	472	0.0	28.4	-12.7	72.1	77.9	50.0	27.8	20.0	20.0	9.8
18:34:29	29 43.3	-95 57.0	422.8	439.3	10348*	475	36.9	-12.8	-2.8	71.1	75.1	0.0	206.8	316.4	94.1	205.6
18:35:00	29 44.3	-95 58.2	-80.1	76.0	110.4	-2*	315.9	2.8	-1.1	962.8	69.3	31.7	12.1	-16.9	-18.9	0.2
18:35:00	29 42.1	-95 59.4	-80.6	75.6	110.5	445	315.7	2.6	-1.2	250.6	69.3	31.9	11.4	19.2	19.2	0.0
18:35:00	29 44.5	-95 58.5	-80.6	76.1	110.9	473	0.0	25.3	-13.3	70.6	76.1	50.0	28.2	20.0	20.0	9.5
18:34:59	29 44.5	-95 58.5	423.4	440.0	10348*	476	35.5	-12.8	-3.4	69.5	73.6	0.0	204.6	316.9	93.4	203.7
18:35:30	29 45.5	-95 59.7	-80.4	76.0	110.6	-2*	315.5	2.9	-1.1	962.9	68.1	31.7	12.3	-16.9	-18.8	0.2
18:35:30	29 43.4	-96 0.9	-80.9	75.6	110.7	440	315.6	2.8	-1.3	250.6	68.1	32.0	11.7	18.7	18.7	0.0
18:35:30	29 45.7	-96 0.0	-81.0	76.1	111.1	471	0.1	28.9	-11.6	69.6	75.0	50.0	28.5	19.6	19.6	9.3
18:35:29	29 45.7	-96 0.0	423.8	440.4	10348*	475	31.9	-11.0	-2.5	68.4	72.2	0.0	202.9	316.6	91.6	202.2
18:36:00	29 46.7	-96 1.2	-80.2	75.5	110.2	-2*	315.5	2.9	-1.1	962.7	67.1	31.6	12.5	-16.9	-18.9	0.2
18:36:00	29 44.6	-96 2.4	-80.7	75.1	110.2	441	315.5	2.7	-1.2	250.6	67.1	31.9	11.9	18.6	18.6	0.0
18:36:00	29 47.0	-96 1.5	-80.7	75.6	110.6	472	0.1	30.0	-10.8	68.5	73.9	50.0	28.8	19.7	19.7	9.2
18:35:59	29 47.0	-96 1.5	424.0	440.6	10348*	476	37.0	-11.7	-2.7	67.4	71.7	0.0	201.4	316.6	90.7	200.8
18:36:30	29 48.0	-96 2.7	-81.9	73.1	109.8	-2*	313.8*	3.5*	-11.4	962.7	67.8	31.5	12.2	-16.9	-18.9	0.2
18:36:30	29 45.8	-96 3.9	-82.4	72.7	109.9	447	313.6*	3.3*	-11.5	250.6	67.9	31.8	11.6	18.1	18.1	0.0
18:36:30	29 48.2	-96 3.0	-81.5	74.2	110.2	476	0.1	31.8	-10.2	69.3	74.8	50.0	28.6	19.5	19.5	9.4
18:36:29	29 48.2	-96 3.0	423.6	440.2	10348*	478	30.6	-12.9	-3.1	68.1	72.2	0.0	202.5	315.8	92.1	201.8
18:37:00	29 48.3	-96 4.6	-107.2	-40.3	114.5	-2*	249.5*	6.9	-25.5*	942.2	69.1	30.2	10.7	-16.9	-18.9	0.2
18:37:00	29 46.2	-96 5.9	-107.9	-40.7	115.3	635	249.2*	6.7	-25.6*	250.6	69.2	30.5	10.1	18.1	18.1	0.0
18:37:00	29 48.6	-96 5.0	-108.9	-37.1	115.1	668	0.1	27.5	-12.6	70.9	76.8	50.0	28.2	18.5	18.5	10.4
18:36:59	29 48.6	-96 5.0	421.4	437.9	10348*	668	35.1	-15.6	-4.1	69.3	73.1	0.0	204.4	250.4	88.1	203.0
18:37:30	29 47.2	-96 6.3	-82.5	-81.7	116.0	-2*	225.8	5.8*	-0.2	917.1	68.4	29.4	10.2	-16.9	-18.9	0.2
18:37:30	29 45.0	-96 7.5	-83.2	-82.1	116.8	856	225.5	5.6*	-0.4	250.6	68.5	29.7	9.5	12.4	12.4	0.0
18:37:30	29 47.4	-96 6.6	-83.0	-81.6	116.3	893	0.0	24.5	-13.7	70.4	75.6	50.0	28.4	14.5	14.5	10.9
18:37:29	29 47.4	-96 6.6	420.6	437.0	10348*	902	31.7	-10.8	-2.6	68.7	72.7	0.0	203.4	224.8	85.6	201.8
18:38:00	29 45.8	-96 7.8	-84.7	-82.3	118.0	-2*	226.7	6.2	-0.8	894.9	70.7	28.4	8.7	-16.9	-18.9	0.2
18:38:00	29 43.7	-96 9.1	-85.4	-82.7	118.8	1063	226.8	6.1	-1.0	250.6	70.8	28.7	8.0	12.0	12.0	0.0
18:38:00	29 46.1	-96 8.2	-85.3	-82.2	118.4	1109	0.1	23.8	-14.7	72.6	78.1	50.0	27.8	14.3	14.3	12.0
18:37:59	29 46.1	-96 8.2	418.4	434.7	10348*	1114	37.4	-11.3	-2.8	71.0	75.2	0.0	206.7	226.3	86.0	204.4

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
18:38:30	29 44.5	-96 9.4	-84.9	-81.8	117.9	-2*	227.2	5.8	-0.7	870.5	67.7	26.1	7.2	-16.9	-18.9	0.2
18:38:30	29 42.3	-96 10.7	-85.6	-82.2	118.7	1290	227.2	5.7	-0.8	250.6	67.7	26.4	6.6	11.7	11.7	0.0
18:38:30	29 44.8	-96 9.8	-85.5	-81.8	118.3	1348	0.1	25.6	-12.8	69.4	74.7	50.0	28.6	14.0	14.0	13.4
18:38:29	29 44.8	-96 9.8	416.3	432.5	10348*	1353	34.8	-12.5	-3.5	67.9	72.0	0.0	202.3	226.7	81.7	199.8
18:39:00	29 43.2	-96 11.0	-90.0	-78.3	119.3	-3*	230.0	6.3	-0.6	849.3	66.1	24.3	5.9	-16.9	-18.9	0.2
18:39:00	29 41.0	-96 12.3	-90.7	-78.8	120.1	1504	229.8	6.1	-0.7	250.6	66.2	24.6	5.4	12.1	12.1	0.0
18:39:00	29 43.5	-96 11.4	-90.7	-78.3	119.8	1558	0.1	25.4	-12.4	67.9	73.0	50.0	29.1	14.0	14.0	14.7
18:38:59	29 43.5	-96 11.4	414.3	430.4	10348*	1564	33.7	-11.4	-3.5	66.4	70.4	0.0	200.0	229.6	77.6	197.2
18:39:30	29 41.9	-96 12.7	-92.8	-79.1	121.9	-3*	231.3	5.7*	-0.5*	830.0	67.1	22.9	4.4	-16.9	-18.8	0.2
18:39:30	29 39.7	-96 14.0	-93.5	-79.5	122.8	1702	231.1	5.5	-0.7	250.6	67.1	23.2	3.8	10.8	10.8	0.0
18:39:30	29 42.2	-96 13.1	-93.5	-79.1	122.4	1753	0.1	25.8	-12.4	68.6	74.0	50.0	28.8	13.2	13.2	16.4
18:39:29	29 42.2	-96 13.1	412.0	428.0	10348*	1760	35.7	-13.7	-4.2	67.4	71.3	0.0	201.4	231.6	75.9	198.0
18:40:00	29 40.6	-96 14.5	-96.4	-81.4	126.2	-3*	231.1	4.8	-0.7*	813.4	70.7	21.8	2.5	-16.9	-18.9	0.2
18:40:00	29 38.4	-96 15.8	-97.1	-81.8	127.0	1873	231.3	4.6	-0.9*	250.6	70.7	22.1	1.8	10.6	10.6	0.0
18:40:00	29 40.9	-96 14.9	-97.1	-81.3	126.6	1924	0.0	24.6	-14.2	72.1	77.6	50.0	27.8	12.5	12.5	18.8
18:39:59	29 40.9	-96 14.9	409.2	425.1	10348*	1930	34.3	-12.0	-2.8	70.9	74.9	0.0	206.6	231.2	75.8	202.1
18:40:30	29 40.1	-96 16.6	-111.7	38.4	118.1	-3*	294.5*	7.0	26.4	790.8	64.4	19.8	2.0	-16.9	-18.9	0.2
18:40:30	29 37.9	-96 17.9	-112.3	37.9	118.5	2109	294.5*	6.9	26.2	250.6	64.5	20.1	1.5	9.2	9.2	0.0
18:40:30	29 40.3	-96 17.0	-114.2	34.7	119.4	2151	0.1	35.2	-7.9	66.3	71.5	50.0	29.5	11.0	11.0	19.5
18:40:29	29 40.4	-96 17.0	408.5	424.3	10348*	2156	29.7	-11.5	-2.5	64.7	69.7	0.0	197.4	296.8	75.4	193.5
18:41:00	29 41.5	-96 17.7	4.1	112.0	112.1	-3*	6.9*	4.2	26.4	775.3	64.8	18.5	0.7	-16.9	-18.9	0.2
18:41:00	29 39.3	-96 19.1	3.6	111.4	111.5	2266	6.9*	4.0	26.2	250.6	64.8	18.8	0.3	7.9	7.9	0.0
18:41:00	29 41.7	-96 18.2	-0.6	112.2	112.2	2319	0.1	33.8	-8.5	66.4	71.6	50.0	29.4	9.3	9.3	21.4
18:40:59	29 41.7	-96 18.2	406.6	422.3	10348*	2324	30.7	-12.2	-2.7	65.0	69.8	0.0	198.0	7.4	81.6	193.5
18:41:30	29 42.8	-96 16.5	110.2	22.6	112.5	-3*	79.2*	5.3	25.0	761.4	67.1	17.5	-0.7	-16.9	-18.9	0.2
18:41:30	29 40.6	-96 17.8	109.6	22.0	111.8	2402	79.2*	5.1	24.8	250.6	67.1	17.8	-1.3	7.7	7.7	0.0
18:41:30	29 43.0	-96 17.0	108.7	26.3	111.9	2470	0.0	31.8	-10.0	68.6	73.9	50.0	28.8	9.1	9.1	23.9
18:41:29	29 43.0	-96 17.0	404.5	420.1	10348*	2475	32.5	-12.4	-2.6	67.3	72.0	0.0	201.4	74.8	83.6	196.1
18:42:00	29 42.1	-96 14.6	68.5	-105.2	125.5	-3*	146.1*	-2.6*	28.1	759.3	76.0	17.9	-2.3	-16.9	-18.9	0.2
18:42:00	29 39.9	-96 16.0	67.9	-105.8	125.7	2413	146.0*	-2.7*	27.9	250.6	76.0	18.2	-3.0	7.3	7.3	0.0
18:42:00	29 42.4	-96 15.1	71.3	-102.5	124.8	2501	0.1	34.7	-11.3	76.0	82.3	50.0	26.4	8.7	8.7	26.8
18:41:59	29 42.4	-96 15.1	402.2	417.7	10348*	2500	31.5	-16.3	-3.8	76.3	81.0	0.0	214.0	138.0	81.3	207.1
18:42:30	29 40.1	-96 14.7	-80.9	-99.8	128.5	-3*	220.6*	-1.3	27.1	781.7	71.0	19.4	0.2	-16.9	-18.9	0.2
18:42:30	29 37.9	-96 16.1	-81.5	-100.3	129.2	2206	220.7*	-1.5	26.9	250.6	71.0	19.7	-0.5	8.9	8.9	0.0
18:42:30	29 40.4	-96 15.2	-78.4	-102.5	129.1	2254	0.1	35.8	-9.4	71.9	77.3	50.0	27.7	10.3	10.3	22.3
18:42:29	29 40.4	-96 15.2	405.8	421.4	10348*	2256	32.0	-8.0	-1.4	71.4	76.2	0.0	207.1	217.4	72.6	201.7
18:43:00	29 39.6	-96 16.8	-113.1	41.1	120.3	-3*	294.8*	-1.5	27.0	802.5	68.5	20.7	2.0	-16.9	-18.9	0.2
18:43:00	29 37.4	-96 18.2	-113.6	40.6	120.6	1976	294.7*	-1.6	26.8	250.6	68.6	21.0	1.4	10.7	10.7	0.0
18:43:00	29 39.8	-96 17.3	-115.3	37.8	121.3	2037	0.1	32.4	-10.1	69.7	74.6	50.0	28.4	12.1	12.1	19.6
18:42:59	29 39.8	-96 17.3	408.4	424.2	10348*	2037	31.3	-4.5	-0.7	68.9	73.7	0.0	203.5	297.9	78.5	199.0

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
18:43:30	29 41.1	-96 17.8	22.7	110.2	112.5	-3*	14.8*	-0.6	28.5	827.7	71.2	23.1	3.6	-16.9	-18.9	0.2
18:43:30	29 38.8	-96 19.2	22.3	109.6	111.9	1714	15.0*	-0.7	28.3	250.6	71.3	23.4	2.9	10.8	10.8	0.0
18:43:30	29 41.3	-96 18.4	17.7	111.3	112.7	1769	0.1	41.2	-7.4	72.8	78.1	50.0	27.7	12.4	12.4	17.4
18:43:29	29 41.3	-96 18.4	410.9	426.8	10348*	1768	31.9	-4.8	-0.8	71.6	77.0	0.0	207.4	13.9	90.2	203.2
18:44:00	29 42.1	-96 16.3	112.7	-11.9	113.3	-3*	95.8*	-0.8	29.4	852.2	70.5	24.9	5.5	-16.9	-18.9	0.2
18:44:00	29 39.8	-96 17.7	112.2	-12.5	112.9	1464	95.7*	-0.9	29.2	250.6	70.5	25.2	4.8	11.9	11.9	0.0
18:44:00	29 42.3	-96 16.9	112.5	-7.4	112.8	1521

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
18:48:30	29 35.7	-96 10.3	71.9	-86.4	112.4	-3*	138.9	2.4	-4.0	962.8	70.9	32.7	12.7	-16.9	-18.9	0.2
18:48:30	29 33.4	-96 11.8	71.2	-86.9	112.3	430	139.1	2.2	-4.2	250.6	71.0	33.0	12.0	18.3	18.3	0.0
18:48:30	29 36.0	-96 11.0	71.1	-86.7	112.1	483	0.1	23.6	-15.0	72.7	77.8	50.0	27.8	19.5	19.5	9.1
18:48:29	29 36.0	-96 10.9	424.3	440.9	10348*	472	37.5	-6.3	-1.8	71.2	74.7	0.0	206.9	137.2	93.8	206.1
18:49:00	29 34.4	-96 8.9	79.4	-79.1	112.1	-3*	133.9	2.8	-3.2	962.9	70.0	32.6	12.7	-16.9	-18.9	0.2
18:49:00	29 32.0	-96 10.4	78.8	-79.6	112.0	431	133.9	2.6	-3.4	250.6	70.1	32.9	12.1	18.4	18.4	0.0
18:49:00	29 34.7	-96 9.6	78.8	-79.4	111.9	483	0.0	27.8	-12.6	71.5	76.8	50.0	28.0	19.7	19.7	9.1
18:48:59	29 34.6	-96 9.6	424.4	441.0	10348*	471	33.0	-10.2	-2.5	70.3	74.4	0.0	205.6	131.7	92.8	204.9
18:49:30	29 33.1	-96 7.4	80.4	-79.8	113.3	-3*	133.3	2.6	-0.2	962.7	74.0	32.9	12.2	-16.9	-18.9	0.2
18:49:30	29 30.7	-96 9.0	79.8	-80.3	113.2	433	133.1	2.4	-0.4	250.6	74.1	33.2	11.4	18.3	18.3	0.0
18:49:30	29 33.4	-96 8.1	80.2	-79.7	113.1	476	0.1	26.9	-14.4	75.4	81.2	50.0	26.9	19.5	19.5	9.4
18:49:29	29 33.4	-96 8.1	423.6	440.2	10348*	470	40.3	-12.4	-2.9	74.4	78.5	0.0	211.3	129.9	96.9	210.0
18:50:00	29 31.8	-96 5.9	80.3	-80.0	113.3	-3*	133.6	2.7	-0.8	962.9	73.4	33.1	12.5	-16.9	-18.9	0.2
18:50:00	29 29.4	-96 7.5	79.6	-80.5	113.2	435	133.4	2.5	-0.9	250.6	73.4	33.4	11.7	17.3	17.3	0.0
18:50:00	29 32.1	-96 6.6	79.9	-80.1	113.1	470	0.1	26.0	-14.8	75.0	80.5	50.0	27.1	18.9	18.9	9.2
18:49:59	29 32.1	-96 6.6	424.1	440.6	10348*	469	37.7	-9.1	-2.0	73.7	77.9	0.0	210.4	131.1	96.1	209.3
18:50:30	29 30.5	-96 4.4	80.7	-79.4	113.3	-3*	133.2	2.6	-0.2	962.9	71.8	33.1	12.8	-16.9	-18.9	0.2
18:50:30	29 28.1	-96 6.0	80.0	-80.0	113.1	438	133.3	2.4	-0.4	250.6	71.9	33.4	12.1	17.7	17.7	0.0
18:50:30	29 30.8	-96 5.1	80.4	-79.4	113.0	471	0.0	23.5	-15.4	73.5	78.8	50.0	27.5	18.8	18.8	9.0
18:50:29	29 30.8	-96 5.1	424.5	441.1	10348*	470	36.7	-8.2	-2.0	72.2	76.0	0.0	208.3	130.7	94.2	207.4
18:51:00	29 29.2	-96 2.9	82.0	-80.8	115.1	-3*	133.9	2.2	-0.6	963.1	75.7	33.4	12.2	-16.9	-18.9	0.2
18:51:00	29 26.8	-96 4.5	81.3	-81.4	115.0	441	133.9	2.0	-0.8	250.6	75.7	33.7	11.4	18.1	18.1	0.0
18:51:00	29 29.5	-96 3.6	81.6	-80.8	114.9	471	0.1	28.1	-14.4	77.2	83.0	50.0	26.5	19.5	19.5	9.4
18:50:59	29 29.5	-96 3.6	423.7	440.2	10348*	466	31.8	-11.5	-2.6	76.1	80.4	0.0	213.6	131.7	97.1	212.2
18:51:30	29 27.9	-96 1.4	81.3	-79.0	113.3	-3*	133.3	2.9	-1.0	962.8	73.2	33.1	12.5	-16.9	-18.9	0.2
18:51:30	29 25.5	-96 3.0	80.7	-79.5	113.2	439	133.2	2.7	-1.1	250.6	73.3	33.4	11.8	18.7	18.7	0.0
18:51:30	29 28.2	-96 2.1	81.0	-79.0	113.2	474	0.0	25.4	-14.9	75.1	80.4	50.0	27.1	19.8	19.8	9.2
18:51:29	29 28.2	-96 2.1	424.1	440.7	10348*	470	39.8	-6.4	-1.4	73.6	77.8	0.0	210.2	132.0	95.8	209.1
18:52:00	29 26.6	-95 59.9	81.3	-79.1	113.5	-3*	133.1	2.6	-1.6	963.2	71.5	33.1	12.9	-16.9	-18.9	0.2
18:52:00	29 24.2	-96 1.5	80.7	-79.6	113.4	440	132.9	2.5	-1.7	250.6	71.6	33.3	12.1	18.4	18.4	0.0
18:52:00	29 26.9	-96 0.6	80.9	-79.2	113.2	466	0.1	22.7	-15.6	73.3	78.4	50.0	27.6	19.6	19.6	9.0
18:51:59	29 26.9	-96 0.6	424.6	441.2	10348*	467	37.7	-6.6	-1.7	71.8	76.0	0.0	207.8	131.4	93.6	207.0
18:52:30	29 25.4	-95 58.4	80.1	-76.3	110.6	-3*	133.1*	-0.7	0.7	970.8	71.8	33.4	13.1	-16.9	-18.9	0.2
18:52:30	29 22.9	-96 0.0	79.5	-76.9	110.6	368	133.2*	-0.9*	0.5	250.6	71.9	33.8	12.5	19.3	19.3	0.0
18:52:30	29 25.6	-95 59.1	80.2	-76.2	110.6	394	0.0	34.3	-10.5	73.2	78.6	50.0	27.5	20.5	20.5	8.8
18:52:29	29 25.6	-95 59.1	425.0	441.7	10348*	396	37.2	-6.2	-1.4	72.2	77.4	0.0	208.2	132.0	96.2	207.5
18:53:00	29 24.1	-95 57.0	72.2	-77.6	106.0	-3*	136.1*	0.1	-2.5*	994.0	63.8	35.3	16.7	-16.9	-18.9	0.2
18:53:00	29 21.7	-95 58.6	71.5	-78.2	106.0	166	136.1*	-0.0	-2.7*	250.6	63.9	35.7	16.3	19.7	19.7	0.0
18:53:00	29 24.4	-95 57.7	72.0	-77.6	105.8	188	0.1	30.8	-9.1	64.8	70.1	50.0	29.7	21.6	21.6	6.9
18:52:59	29 24.4	-95 57.7	430.4	447.3	10348*	192	35.2	-13.5	-3.3	64.1	67.3	0.0	196.5	133.0	91.4	197.7

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
18:53:30	29 23.2	-95 55.5	99.6	-8.2	99.9	-3*	92.7*	6.6*	-26.6*	973.0	58.9	32.5	15.3	-16.9	-18.9	0.2
18:53:30	29 20.8	-95 57.1	99.0	-8.8	99.4	365	92.4*	6.4*	-26.8*	250.6	59.0	32.9	15.0	19.5	19.5	0.0
18:53:30	29 23.4	-95 56.2	99.0	-11.2	99.6	380	0.1	23.1	-11.3	61.2	65.4	50.0	31.0	20.5	20.5	7.6
18:53:29	29 23.4	-95 56.2	428.3	445.1	10348*	384	37.4	-5.0	-1.6	59.3	61.9	0.0	189.0	93.0	89.8	190.1
18:54:00	29 24.1	-95 54.0	32.8	99.6	104.9	-3*	18.1*	6.5	-23.0	955.3	64.2	31.6	13.1	-16.9	-18.9	0.2
18:54:00	29 21.6	-95 55.7	32.3	99.1	104.2	516	17.8*	6.3	-23.1	250.6	64.2	31.9	12.7	18.1	18.1	0.0
18:54:00	29 24.3	-95 54.7	35.5	98.5	104.7	542	0.0	32.3	-9.1	66.9	71.4	50.0	29.6	19.4	19.4	8.8
18:53:59	29 24.3	-95 54.7	425.0	441.7	10348*	540	40.1	-0.5	-0.3	64.5	67.9	0.0	197.1	21.7	91.9	197.0
18:54:30	29 25.6	-95 54.6	-92.8	60.4	110.7	-3*	302.7*	5.2	-25.0	938.2	66.1	30.4	11.6	-16.9	-18.9	0.1
18:54:30	29 23.1	-95 56.3	-93.2	60.1	110.9	676	302.4*	5.0	-25.1	250.6	66.1	30.8	11.1	18.3	18.3	0.0
18:54:30	29 25.8	-95 55.3	-91.4	62.9	111.0	691	0.1	29.5	-10.9	68.7	73.1	50.0	29.1	19.2	19.2	9.8
18:54:29	29 25.8	-95 55.3	422.8	439.3	10348*	701	40.5	0.7	0.0	66.4	69.9	0.0	199.9	306.3	88.3	199.1
18:55:00	29 25.4	-95 56.5	-83.8	-73.8	111.7	-3*	226.5*	3.9	-24.1*	915.4	63.4	28.0	10.0	-16.9	-18.9	0.2
18:55:00	29 23.0	-95 58.2	-84.4	-74.2	112.4	896	226.2*	3.7	-24.3*	250.6	63.5	28.3	9.5	18.6	18.6	0.0
18:55:00	29 25.7	-95 57.2	-86.3	-71.0	111.7	913	0.1	31.7	-9.2	66.5	70.3	50.0	29.8	19.9	19.9	11.0
18:54:59	29 25.7	-95 57.2	420.3	436.7	10348*	916	39.7	6.8	1.3	63.8	67.2	0.0	196.0	229.4	83.1	194.9
18:55:30	29 23.8	-95 57.0	30.6	-102.6	107.1	-3*	161.0*	5.9	-21.6*	893.9	59.3	26.7	9.7	-16.9	-18.9	0.1
18:55:30	29 21.3	-95 58.7	30.0	-103.1	107.3	1107	160.7*	5.7	-21.7*	250.6	59.3	27.1	9.4	14.3	14.3	0.0
18:55:30	29 24.1	-95 57.7	27.5	-103.4	107.0	1116	0.1	29.5	-8.6	61.6	66.0	50.0	30.9	15.1	15.1	11.2
18:55:29	29 24.1	-95 57.7	420.0	436.4	10348*	1124	33.3	-5.2	-1.4	59.6	63.2	0.0	189.6	160.5	81.6	188.8
18:56:00	29 22.7	-95 55.7	104.2	-19.9	106.1	-3*	97.5*	5.2	-22.1	877.0	61.4	25.9	8.4	-16.9	-18.9	0.2
18:56:00	29 20.2	-95 57.3	103.6	-20.5	105.6	1257	97.2*	5.0	-22.2	250.6	61.4	26.2	8.1	12.1	12.1	0.0
18:56:00	29 22.9	-95 56.4	103.1	-23.1	105.6	1277	0.1	34.7	-7.2	63.9	68.3	50.0	30.4	14.2	14.2	12.3
18:55:59	29 22.9	-95 56.4	418.1	434.3	10348*	1285	35.3	-1.8	-0.7	61.7	65.4	0.0	192.8	97.2	85.4	191.4
18:56:30	29 23.3	-95 54.0	61.3	81.3	101.8	-3*	36.0*	6.2	-21.5	855.5	59.4	23.8	7.0	-16.9	-18.9	0.2
18:56:30	29 20.8	-95 55.6	60.8	80.8	101.1	1470	35.7*	6.0	-21.6	250.6	59.4	24.2	6.7	12.1	12.1	0.0
18:56:30	29 23.5	-95 54.7	63.3	79.3	101.5	1496	0.1	33.6	-6.9	62.0	66.1	50.0	30.9	14.1	14.1	13.6
18:56:29	29 23.5	-95 54.7	415.9	432.1	10348*	1499	35.6	0.7	-0.2	59.7	63.4	0.0	189.7	39.0	86.1	188.0
18:57:00	29 24.9	-95 53.7	-41.6	101.6	109.8	-3*	339.4*	4.8	-23.8	841.1	63.3	22.9	5.3	-16.9	-18.9	0.2
18:57:00	29 22.4	-95 55.4	-41.9	101.2	109.6	1625	339.1*	4.6	-23.9	250.6	63.3	23.3	4.8	12.4	12.4	0.0
18:57:00	29 25.1	-95 54.4	-38.7	102.6	109.7	1643	0.0	31.7	-9.2	65.5	70.0	50.0	29.8	14.5	14.5	15.4
18:56:59	29 25.1	-95 54.4	413.3	429.4	10348*	1645	40.3	-2.0	-0.5	63.6	67.1	0.0	195.7	345.5	83.6	193.0
18:57:30	29 25.9	-95 55.4	-116.4	13.0	117.1	-3*	278.2*	5.3	-19.2	823.6	63.4	21.8	4.1	-16.9	-18.9	0.2
18:57:30	29 23.4	-95 57.1	-116.8	12.7	117.5	1800	278.0*	5.1	-19.3	250.6	63.5	22.1	3.7	11.5	11.5	0.0
18:57:30	29 26.1	-95 56.0	-116.4	15.8	117.4	1816	0.1	31.2	-9.2	65.9	70.1	50.0	29.8	13.2	13.2	16.7
18:57:29	29 26.1	-95 56.0	411.6	427.6	10348*	1822	30.2	1.6	0.3	63.8	67.4	0.0	196.0	285.2	76.2	192.8
18:58:00	29 25.3	-95 57.4	-84.8	-85.2	120.2	-3*	223.8*	6.1	-20.4	806.0	60.9	20.2	3.2	-16.9	-18.9	0.2
18:58:00	29 22.8	-95 59.1	-85.3	-85.6	120.8	1975	223.8*	5.9	-20.5	250.6	60.9	20.5	2.9	10.9	10.9	0.0
18:58:00	29 25.5	-95 58.1	-87.4	-83.1	120.6	1997	0.1	32.4	-7.9	63.4	67.4	50.0	30.5	12.7	12.7	17.8
18:57:59	29 25.5	-95 58.1	410.3	426.2	10348*	2005	30.5	1.0	0.0	61.2	64.8	0.0	192.1	226.9	68.5	188.9

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
18:58:30	29 23.5	-95 58.0	19.2	-114.8	116.3	-3*	164.9*	5.3	-19.5	787.6	59.3	18.5	2.0	-16.9	-18.9	0.2
18:58:30	29 21.0	-95 59.7	18.7	-115.2	116.7	2169	165.0*	5.1	-19.6	250.6	59.3	18.9	1.7	10.1	10.1	0.0
18:58:30	29 23.8	-95 58.8	15.9	-115.2	116.3	2190	0.0	32.6	-7.2	61.9	65.7	50.0	30.9	11.2	11.2	19.5
18:58:29	29 23.8	-95 58.8	408.5	424.3	10348*	2199	31.0	3.7	0.7	59.6	63.2	0.0	189.6	161.2	70.3	186.2
18:59:00	29 22.2	-95 56.7	105.5	-28.1	109.2	-3*	100.1*	6.3	-23.2	772.9	62.3	17.9	0.7	-16.9	-18.9	0.2
18:59:00	29 19.7	-95 58.5	105.1	-28.7	109.0	2343	100.1*	6.2	-23.3	250.6	62.4	18.2	0.3	8.5	8.5	0.0
18:59:00	29 22.4	-95 57.5	104.4	-31.5	109.1	2350	0.1	34.3	-7.7	64.8	69.0	50.0	30.1	9.8	9.8	21.5
18:58:59	29 22.4	-95 57.5	406.6	422.3	10348*	2353	28.0	0.3	-0.3	62.6	66.4	0.0	194.3	98.1	81.0	190.1
18:59:30	29 22.7	-95 55.0	67.6	78.4	103.6	-3*	40.2*	5.9	-19.2	753.4	57.0	15.5	-0.3	-16.9	-18.9	0.2
18:59:30	29 20.2	-95 56.7	67.3	77.9	102.9	2519	40.2*	5.8	-19.3	250.6	57.0	15.8	-0.6	7.7	7.7	0.0
18:59:30	29 22.9	-95 55.8	69.3	76.6	103.3	2564	0.1	34.9	-5.5	59.4	63.4	50.0	31.6	8.7	8.7	23.2
18:59:29	29 22.9	-95 55.8	405.0	420.6	10348*	2569	35.3	-0.5	-0.2	57.2	61.1	0.0	185.9	43.5	78.3	182.0
19:00:00	29 24.3	-95 54.5	-11.8	107.9	108.5	-3*	355.0*	7.1	-11.9	739.0	57.8	14.7	-1.2	-16.9	-18.9	0.2
19:00:00	29 21.8	-95 56.2	-12.0	107.3	108.0	2680	354.8*	6.9	-12.0	250.6	57.8	15.1	-1.5	6.2	6.2	0.0
19:00:00	29 24.5	-95 55.3	-10.5	108.1	108.6	2721	0.0	32.1	-6.8	60.4	64.0	50.0	31.4	5.9	5.9	24.8
18:59:59	29 24.5	-95 55.3	403.7	419.3	10348*	2726	30.1	3.7	0.8	58.0	61.9	0.0	187.2	0.8	74.4	182.8
19:00:30	29 25.9	-95 55.3	-74.0	88.4	115.3	-3*	321.2*	5.9	-15.2*	726.1	58.7	15.2	-1.0	-16.9	-18.9	0.2
19:00:30	29 23.4	-95 57.0	-74.2	87.9	115.1	2844	321.0*	5.7	-15.3*	250.6	58.7	15.5	-1.3	-6.4	-7.2	0.0
19:00:29	29 26.1	-95 56.0	-72.7	89.8	115.6	2866	0.1	33.4	-6.6	61.1	64.9	50.0	31.1	-5.0	-5.6	24.4
19:00:29	29 26.2	-95 56.1	404.1	419.6	10348*	2871	30.5	0.8	-0.0	58.9	62.8	0.0	188.6	327.2	69.2	184.2
19:01:00	29 26.7	-95 57.2	-120.7	3.7	120.8	-2*	271.6*	4.5*	-15.9	714.1	56.9	14.8	-0.9	-16.9	-18.9	0.2
19:01:00	29 24.2	-95 59.0	-121.0	3.3	121.0	2980	271.4*	4.3*	-16.0	250.6	56.9	15.2	-1.2	-14.5	-16.2	0.0
19:01:00	29 27.0	-95 57.9	-121.0	5.8	121.1	3015	0.1	28.1	-8.1	59.1	62.6	50.0	31.6	-12.5	-14.0	24.2
19:00:59	29 27.0	-95 58.0	404.2	419.8	10348*	3013	37.1	2.0	0.1	57.1	60.5	0.0	185.7	276.0	60.9	181.6
19:01:30	29 26.1	-95 59.3	-98.3	-74.9	123.5	-2*	229.6*	5.6	-14.5	703.3	59.2	14.6	-1.7	-16.9	-18.9	0.2
19:01:30	29 23.6	-96 1.1	-98.6	-75.3	124.1	3091	229.3*	5.4	-14.6	250.6	59.2	15.0	-2.0	-10.3	-11.6	0.0
19:01:30	29 26.4	-96 0.1	-100.1	-73.2	124.0	3127	0.0	32.4	-7.2	61.6	65.3	50.0	31.0	-8.9	-10.0	25.6
19:01:29	29 26.4	-96 0.1	403.0	418.6	10348*	3134	33.1	2.8	0.5	59.4	63.3	0.0	189.4	228.4	61.3	184.8
19:02:00	29 24.5	-96 0.6	-28.7	-112.3	115.9	-3*	189.7*	1.7	-17.8*	703.1	55.6	13.9	-1.5	-16.9	-18.9	0.2
19:02:00	29 22.0	-96 2.3	-29.0	-112.7	116.4	3097	189.6*	1.5	-17.9*	250.6	55.7	14.3	-1.6	-9.5	-10.7	0.0
19:02:00	29 24.8	-96 1.4	-31.4	-112.2	116.5	3138	0.1	39.9	-2.3	56.1	60.9	50.0	32.0	-7.1	-7.9	25.2
19:01:59	29 24.8	-96 1.4	403.4	418.9	10348*	3141	30.4	-12.1	-4.1	55.7	59.4	0.0	183.7	182.8	64.2	179.6
19:02:30	29 22.9	-96 0.1	83.9	-65.6	106.5	-3*	123.3*	1.6	-28.4	725.5	53.9	15.0	-0.1	-16.9	-18.9	0.2
19:02:30	29 20.3	-96 1.8	83.6	-66.2	106.7	2836	123.3*	1.4	-28.6	250.6	54.0	15.4	-0.2	-9.0	-10.1	0.0
19:02:30	29 23.1	-96 0.9	81.0	-69.1	106.5	2874	0.0	48.0	1.6	55.0	59.7	50.0	32.5	-6.5	-7.3	22.7
19:02:29	29 23.1	-96 0.9	405.5	421.1	10348*	2877	30.7	-8.8	-3.1	53.8	58.3	0.0	181.0	121.9	70.7	177.5
19:03:00	29 22.9	-95 58.2	97.0	52.7	110.3	-3*	60.3*	-0.5	-20.5	752.0	65.3	16.0	-1.7	-16.9	-18.9	0.2
19:03:00	29 20.3	-95 60.0	96.9	52.1	110.0	2553	60.4*	-0.7	-20.7	250.6	65.4	16.3	-2.2	9.1	9.1	0.0
19:03:00	29 23.1	-95 59.1	97.9	50.0	110.0	2581	0.1	41.4	-5.3	66.2	71.5	50.0	29.3	8.3	8.3	25.8
19:02:59	29 23.1	-95 59.1	402.9	418.5	10348*	2583	31.3	-10.6	-3.0	65.5	69.5	0.0	198.8	60.9	82.3	193.4

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
19:03:30	29 24.3	-95 57.1	34.1	102.3	107.8	-3*	20.5	-0.1	-2.3	766.0	62.5	17.0	-0.1	-16.9	-18.9	0.2
19:03:30	29 21.7	-95 58.8	34.1	101.7	107.3	2390	20.6	-0.2	-2.4	250.6	62.6	17.4	-0.5	8.0	8.0	0.0
19:03:30	29 24.4	-95 57.9	34.1	102.3	107.8	2426	0.1	30.6	-8.9	63.9	68.1	50.0	30.0	9.3	9.3	22.9
19:03:29	29 24.5	-95 57.9	405.3	420.9	10348*	2431	35.3	-2.6	-0.8	62.9	66.6	0.0	194.6	23.7	82.0	190.1
19:04:00	29 26.0	-95 56.5	18.5	109.6	111.2	-3*	11.7	-0.2	-5.8	786.6	68.9	19.3	0.5	-16.9	-18.9	0.2
19:04:00	29 23.4	-95 58.3	18.5	109.0	110.6	2175	11.5	-0.3	-6.0	250.6	68.9	19.6	-0.0	9.2	9.2	0.0
19:04:00	29 26.2	-95 57.4	18.9

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
19:08:30	29 28.7	-95 59.1	-102.7	-30.4	107.1	-3*	253.7*	1.6	-24.4	947.2	59.3	30.7	13.5	-16.9	-18.9	0.2
19:08:30	29 26.0	-96 0.8	-102.6	-30.8	107.1	587	253.5*	1.5	-24.5	250.6	59.3	31.1	13.2	18.6	18.6	0.0
19:08:30	29 29.0	-95 59.8	-102.9	-24.2	105.7	613	0.1	35.8	-5.5	60.6	65.4	50.0	30.9	19.9	19.9	8.6
19:08:29	29 29.0	-95 59.9	425.6	442.3	10348*	618	38.2	-8.2	-2.1	59.5	61.9	0.0	189.6	256.9	82.8	190.0
19:09:00	29 27.4	-96 0.1	16.1	-108.8	109.9	-3*	168.0*	1.4	-34.0*	957.7	64.5	32.3	13.8	-16.9	-18.9	0.1
19:09:00	29 24.7	-96 1.9	16.1	-109.3	110.5	490	167.7*	1.3	-34.1*	250.6	64.5	32.6	13.3	17.1	17.1	0.0
19:09:00	29 27.7	-96 1.0	11.5	-109.3	109.9	519	0.1	37.3	-6.9	66.3	71.4	50.0	29.5	18.9	18.9	8.4
19:08:59	29 27.7	-96 1.0	426.0	442.7	10348*	522	38.4	-6.9	-1.9	64.7	67.8	0.0	197.5	168.1	87.6	197.6
19:09:30	29 26.0	-95 58.9	78.1	-81.1	112.6	-3*	134.4	2.5	-2.5	961.9	71.9	33.3	13.0	-16.9	-18.9	0.2
19:09:30	29 23.3	-96 0.7	78.2	-81.8	113.1	451	134.2	2.3	-2.6	250.6	71.9	33.6	12.3	17.0	17.0	0.0
19:09:30	29 26.2	-95 59.8	78.2	-81.4	112.9	467	0.0	22.7	-15.7	74.0	78.8	50.0	27.5	18.0	18.0	8.9
19:09:29	29 26.2	-95 59.8	424.8	441.5	10348*	476	31.5	-2.0	-0.4	72.3	76.7	0.0	208.3	132.9	95.0	207.5
19:10:00	29 24.7	-95 57.4	81.5	-78.2	113.0	-3*	132.6	4.6	-0.8*	961.8	74.0	33.3	12.6	-16.9	-18.9	0.2
19:10:00	29 22.0	-95 59.2	81.5	-78.9	113.5	445	132.4	4.4	-0.9*	250.6	74.0	33.6	11.8	18.5	18.5	0.0
19:10:00	29 25.0	-95 58.3	82.1	-78.5	113.6	461	0.1	29.9	-13.4	76.1	81.3	50.0	27.0	19.9	19.9	9.2
19:09:59	29 24.9	-95 58.3	424.2	440.8	10348*	471	37.9	-4.2	-0.8	74.3	78.9	0.0	211.2	131.3	97.1	210.1
19:10:30	29 23.4	-95 55.9	80.7	-77.2	111.7	-3*	132.7	2.4	-0.9	959.1	71.7	33.1	12.8	-16.9	-18.9	0.2
19:10:30	29 20.7	-95 57.7	80.8	-77.9	112.2	478	132.8	2.2	-1.0	250.6	71.8	33.4	12.1	16.6	16.6	0.0
19:10:30	29 23.7	-95 56.8	81.0	-77.2	111.9	490	0.0	23.1	-15.4	73.6	78.6	50.0	27.5	17.8	17.8	9.0
19:10:29	29 23.7	-95 56.8	424.6	441.2	10348*	502	39.6	-5.8	-1.5	72.1	76.3	0.0	208.1	131.2	95.6	207.3
19:11:00	29 22.2	-95 54.4	79.9	-76.3	110.5	-3*	132.5	2.4	-0.3*	958.5	69.3	32.5	12.9	-16.9	-18.9	0.2
19:11:00	29 19.5	-95 56.2	80.0	-77.0	111.0	482	132.5	2.3	-0.5*	250.6	69.3	32.8	12.2	18.8	18.8	0.0
19:11:00	29 22.5	-95 55.3	80.3	-76.3	110.8	497	0.1	26.4	-12.9	71.1	76.0	50.0	28.2	20.1	20.1	9.0
19:10:59	29 22.4	-95 55.3	424.6	441.2	10348*	507	38.2	-4.8	-1.1	69.6	73.1	0.0	204.6	130.8	93.5	203.9
19:11:30	29 20.9	-95 53.0	80.3	-77.7	111.7	-3*	133.0	1.6	-0.6*	959.0	70.7	32.5	12.5	-16.9	-18.9	0.1
19:11:30	29 18.2	-95 54.7	80.4	-78.3	112.2	479	132.9	1.5	-0.7*	250.6	70.8	32.8	11.8	19.6	19.6	0.0
19:11:30	29 21.2	-95 53.8	80.7	-77.5	111.9	490	0.1	21.7	-15.9	72.4	77.6	50.0	27.8	20.7	20.7	9.2
19:11:29	29 21.2	-95 53.8	424.1	440.7	10348*	504	40.4	-7.8	-2.0	71.1	74.9	0.0	206.7	131.1	94.1	205.8
19:12:00	29 19.7	-95 51.5	79.9	-77.1	111.0	-3*	132.5	3.0	-0.6	959.5	70.0	32.5	12.7	-16.9	-18.9	0.2
19:12:00	29 16.9	-95 53.2	80.0	-77.8	111.6	475	132.2	2.8	-0.7	250.6	70.1	32.8	12.0	17.4	17.4	0.0
19:12:00	29 20.0	-95 52.3	80.3	-77.1	111.3	497	0.1	26.6	-13.3	71.7	77.0	50.0	28.0	19.1	19.1	9.1
19:11:59	29 19.9	-95 52.3	424.3	440.9	10348*	499	38.0	-7.9	-1.8	70.4	74.4	0.0	205.6	129.9	94.0	204.9
19:12:30	29 18.4	-95 50.0	80.1	-76.9	111.1	-3*	132.9	2.4	-0.5	959.2	70.0	32.2	12.4	-16.9	-18.9	0.2
19:12:30	29 15.7	-95 51.7	80.2	-77.6	111.6	481	133.0	2.2	-0.7	250.6	70.1	32.5	11.8	19.6	19.6	0.0
19:12:30	29 18.7	-95 50.8	80.5	-76.9	111.4	502	0.1	22.3	-15.3	71.4	76.8	50.0	28.0	20.8	20.8	9.3
19:12:29	29 18.7	-95 50.8	424.0	440.5	10348*	503	36.3	-10.7	-3.0	70.3	74.0	0.0	205.6	130.4	93.8	204.8
19:13:00	29 17.2	-95 48.5	79.8	-77.7	111.3	-3*	133.8	2.1	-1.3	959.3	71.7	32.6	12.4	-16.9	-18.9	0.2
19:13:00	29 14.4	-95 50.3	79.9	-78.3	111.9	483	133.8	2.0	-1.5	250.6	71.7	32.9	11.7	18.7	18.7	0.0
19:13:00	29 17.4	-95 49.3	80.3	-77.5	111.6	498	0.1	25.8	-14.3	73.3	78.8	50.0	27.6	20.2	20.2	9.3
19:12:59	29 17.4	-95 49.3	424.0	440.6	10348*	500	32.5	-9.1	-2.1	72.0	75.8	0.0	208.0	132.3	95.7	207.0

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
19:13:30	29 15.9	-95 47.1	79.0	-78.4	111.3	-3*	133.3	2.5	-1.0	959.3	70.9	32.6	12.6	-16.9	-18.9	0.2
19:13:30	29 13.1	-95 48.8	79.1	-79.1	111.8	483	133.1	2.3	-1.1	250.6	70.9	32.9	11.9	18.4	18.4	0.0
19:13:30	29 16.2	-95 47.8	79.3	-78.5	111.6	499	0.1	25.9	-13.9	72.6	77.8	50.0	27.8	19.5	19.5	9.2
19:13:29	29 16.2	-95 47.8	424.2	440.8	10348*	500	33.0	-7.1	-1.6	71.3	75.3	0.0	206.9	130.9	94.8	206.0
19:14:00	29 14.6	-95 45.6	80.9	-80.4	114.1	-3*	133.8	3.7	-0.2	961.3	73.9	32.9	12.2	-16.9	-18.9	0.2
19:14:00	29 11.8	-95 47.3	81.1	-81.1	114.6	462	133.6	3.6	-0.4	250.6	73.9	33.2	11.4	18.0	18.0	0.0
19:14:00	29 14.9	-95 46.4	81.7	-80.4	114.6	472	0.1	33.3	-11.8	75.4	81.3	50.0	27.0	19.9	19.9	9.4
19:13:59	29 14.9	-95 46.3	423.6	440.2	10348*	478	33.5	-11.4	-2.7	74.3	79.2	0.0	211.2	131.2	95.9	209.9
19:14:30	29 13.3	-95 44.1	79.0	-82.0	113.9	-3*	134.7	2.2	-0.7	961.6	73.3	32.8	12.2	-16.9	-18.9	0.2
19:14:30	29 10.5	-95 45.8	79.1	-82.7	114.4	468	134.8	2.0	-0.8	250.6	73.4	33.1	11.5	19.0	19.0	0.0
19:14:30	29 13.6	-95 44.9	79.5	-82.0	114.2	475	0.1	21.6	-16.6	74.9	80.3	50.0	27.1	19.8	19.8	9.4
19:14:29	29 13.6	-95 44.9	423.7	440.3	10348*	481	36.0	-9.5	-2.7	73.6	77.8	0.0	210.4	131.9	95.4	209.1
19:15:00	29 12.0	-95 42.6	78.2	-81.6	113.0	-3*	134.6	2.4	-1.4*	961.9	72.5	32.6	12.2	-16.9	-18.9	0.2
19:15:00	29 9.2	-95 44.4	78.3	-82.2	113.6	463	134.7	2.2	-1.6*	250.6	72.6	32.8	11.4	19.9	19.9	0.0
19:15:00	29 12.3	-95 43.4	78.5	-81.8	113.4	474	0.1	24.4	-15.1	74.8	79.6	50.0	27.3	20.8	20.8	9.4
19:14:59	29 12.2	-95 43.4	423.6	440.1	10348*	477	33.0	-1.3	-0.2	72.9	77.2	0.0	209.2	133.4	95.1	208.1
19:15:30	29 10.7	-95 41.2	78.3	-80.8	112.5	-3*	134.9	2.5	-0.8	962.1	72.3	32.6	12.2	-16.9	-18.9	0.2
19:15:30	29 7.9	-95 42.9	78.4	-81.5	113.1	463	134.7	2.3	-0.9	250.6	72.3	32.9	11.5	18.1	18.1	0.0
19:15:30	29 10.9	-95 42.0	78.9	-80.8	112.9	471	0.1	24.5	-15.0	73.7	79.2	50.0	27.4	20.1	20.1	9.4
19:15:29	29 10.9	-95 41.9	423.7	440.3	10348*	477	39.4	-9.8	-2.4	72.6	77.1	0.0	208.9	132.6	95.3	207.8
19:16:00	29 9.4	-95 39.8	78.7	-81.5	113.3	-3*	135.2	1.8	-1.2	961.9	72.1	32.5	12.2	-16.9	-18.9	0.2
19:16:00	29 6.5	-95 41.5	78.8	-82.2	113.9	469	135.0	1.6	-1.3	250.6	72.2	32.8	11.5	19.7	19.7	0.0
19:16:00	29 9.6	-95 40.5	79.1	-81.5	113.6	475	0.1	22.7	-15.7	73.6	79.1	50.0	27.4	20.4	20.4	9.4
19:15:59	29 9.6	-95 40.5	423.6	440.1	10348*	481	33.0	-10.6	-2.9	72.4	76.8	0.0	208.6	133.0	94.3	207.5
19:16:30	29 8.0	-95 38.3	79.2	-80.9	113.2	-3*	134.9*	1.8	-2.5	961.9	74.1	32.5	11.8	-16.9	-18.9	0.2
19:16:30	29 5.2	-95 40.0	79.4	-81.6	113.8	464	135.0*	1.6	-2.7	250.6	74.1	32.8	11.0	20.3	20.3	0.0
19:16:30	29 8.3	-95 39.0	79.7	-81.0	113.6	475	0.0	22.5	-16.1	75.1	81.1	50.0	26.9	21.1	21.1	9.7
19:16:29	29 8.3	-95 39.0	423.0	439.5	10348*	481	36.1	-16.0	-4.5	74.4	77.7	0.0	211.4	132.0	96.8	209.9
19:17:00	29 6.7	-95 36.8	80.8	-78.4	112.5	-3*	132.9	2.5	-1.6	961.9	72.4	32.5	12.1	-16.9	-18.9	0.2
19:17:00	29 3.9	-95 38.5	80.9	-79.0	113.1	471	133.0	2.3	-1.8	250.6	72.4	32.8	11.4	18.7	18.7	0.0
19:17:00	29 7.0	-95 37.5	81.2	-78.4	112.9	472	0.1	23.9	-15.2	74.2	79.4	50.0	27.4	20.2	20.2	9.5
19:16:59	29 7.0	-95 37.5	423.5	440.1	10348*	480	31.8	-5.9	-1.2	72.7	77.1	0.0	209.0	131.3	95.4	207.8
19:17:30	29 5.5	-95 35.3	81.3	-78.1	112.7	-3*	132.7	1.8	-0.6*	962.0	72.0	32.4	12.2	-16.9	-18.8	0.2
19:17:30	29 2.6	-95 37.0	81.5	-78.8	113.3	469	132.5	1.7	-0.8*	250.6	72.1	32.7	11.4	20.2	20.2	0.0
19:17:30	29 5.7	-95 36.0	81.9	-77.9	113.0	474	0.1	22.8	-15.4	73.3	79.0	50.0	27.5	21.1	21.1	9.5
19:17:29	29 5.7	-95 36.0	423.6	440.1	10348*	480	31.8	-12.3	-3.5	72.3	76.6	0.0	208.5	129.7	94.8	207.4
19:18:00	29 4.2	-95 33.8	81.3	-78.1	112.7	-3*	132.6	3.7*	-0.7	961.7	73.5	32.2	11.6	-16.9	-18.9	0.2
19:18:00	29 1.3	-95 35.5	81.5	-78.8	113.3	471	132.4	3.5*	-0.8	250.6	73.6	32.5	10.8	20.4	20.4	0.0
19:18:00	29 4.5	-95 34.5	82.0	-78.2	113.3	471	0.0	27.4	-14.2	75.3	80.7	50.0	27.1	20.9	20.9	9.8
19:17:59	29 4.5	-95 34.5	422.7	439.2	10348*	479	31.0	-7.0	-1.4	73.9	78.1	0.0	210.6	130.6	96.5	209.1

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
19:18:30	29 3.0	-95 32.3	79.9	-77.3	111.1	-3*	132.6	2.6	-0.9	959.3	70.6	31.5	11.6	-16.9	-18.8	0.2
19:18:30	29 0.1	-95 34.1	80.0	-77.9	111.7	492	132.7	2.4	-1.1	250.6	70.6	31.8	11.0	20.2	20.2	0.0
19:18:30	29 3.2	-95 33.0	80.4	-77.3	111.5	499	0.0	24.1	-14.7	72.4	77.5	50.0	27.8	20.7	20.7	9.8
19:18:29	29 3.2	-95 33.0	422.8	439.3	10348*	504	31.9	-6.8	-1.5	70.9	74.8	0.0	206.5	130.4	94.3	205.3
19:19:00	29 1.7	-95 30.9	79.5	-77.4	111.0	-3*	132.4	2.3	-1.0*	958.9	70.5	31.2	11.3	-16.9	-18.9	0.2
19:19:00	28 58.8	-95 32.6	79.7	-78.1	111.6	502	132.5	2.2	-1.1*	250.6	70.5	31.4	10.6	21.8	21.8	0.0
19:19:00	29 2.0	-95 31.5	80.1	-77.3	111.3	507	0.1	22.1	-15.3	71.9	77.2	50.0	27.9	21.6	21.6	10.0
19:18:59	29 2.0	-95 31.5	422.3	438.8	10348*	510	31.6	-10.8	-3.0	70.7	74.8	0.0	206.3	128.9	94.3	205.0
19:19:30	29 0.4	-95 29.4	78.0	-80.7	112.2	-3*	134.5	2.3	-1.3	959.0	70.2	30.8	11.1	-16.9	-18.9	0.2
19:19:30	28 57.5	-95 31.1	78.2	-81.3	112.8	502	134.3	2.1	-1.4	250.6	70.2	31.1	10.4	21.5	21.5	0.0
19:19:30	29 0.7	-95 30.1	78.5	-80.6	112.6	507	0.1	25.0	-13.9	71.7	76.9	50.0	28.0	21.6	21.6	10.2
19:19:29	29 0.7	-95 30.1	422.0	438.5	10348*	508	40.2	-7.6	-1.7	70.5	73.9	0.0	205.8	131.9	92.4	204.5
19:20:00	28 59.1	-95 28.0	78.5	-81.6	113.2	-3*	134.5	2.0	-0.9	958.9	72.5	30.8	10.5	-16.9	-18.9	0.2
19:20:00	28 56.2	-95 29.7	78.7	-82.2	113.8	506	134.3	1.8	-1.0	250.6	72.6	31.0	9.7	21.5	21.5	0.0
19:20:00	28 59.4	-95 28.6	79.2	-81.3	113.6	505	0.1	22.8	-15.7	73.7	79.5	50.0	27.3	21.5	21.5	10.6
19:19:59	28 59.4	-95 28.6	421.1	437.5	10348*	509	31.3	-13.2	-3.5	72.8	76.7	0.0	209.2	130.8	94.4	207.5
19:20:30	28 57.8	-95 26.5	78.3	-82.0	113.4	-3*	133.6	2.4	-1.1*	959.3	72.4	30.7	10.4	-16.9	-18.9	0.2
19:20:30	28 54.9	-95 28.2	78.5	-82.7	114.0	497	133.7	2.2	-1.3*	250.6	72.4	31.0	9.7	21.4	21.4	0.0
19:20:30	28 58.0	-95 27.2	78.9	-81.9	113.8	502	0.0	24.0	-15.1	74.1	79.3	50.0	27.4	21.4	21.4	10.7
19:20:29	28 58.0	-95 27.2	421.0	437.5	10348*	504	33.8	-6.9	-1.7	72.7	76.3	0.0	209.0	129.9	94.1	207.2
19:21:00	28 56.5	-95 25.1	80.0	-80.6	113.6	-3*	133.1	2.2	-1.1	959.4	71.9	30.9	10.7	-16.9	-18.9	0.2
19:21:00	28 53.5	-95 26.8	80.2	-81.3	114.2	497	133.2	2.0	-1.3	250.6	71.9	31.1	10.0	19.3	19.3	0.0
19:21:00	28 56.7	-95 25.7	80.6	-80.4	113.9	499	0.1	24.7	-14.7	73.0	78.8	50.0	27.5	20.3	20.3	10.4
19:20:59	28 56.7	-95 25.7	421.5	437.9	10348*	503	37.3	-13.9	-3.5	72.2	75.9	0.0	208.3	128.6	93.4	206.7
19:21:30	28 55.2	-95 23.6	80.6	-80.7	114.0	-3*	133.0	2.3	-0.7	959.3	72.4	30.6	10.4	-16.9	-18.9	0.2
19:21:30	28 52.2	-95 25.3	80.8	-81.3	114.6	497	132.8	2.1	-0.9	250.6	72.4	30.8	9.6	18.5	18.5	0.0
19:21:30	28 55.4	-95 24.2	81.3	-80.4	114.3	503	0.1	23.6	-15.3	73.5	79.3	50.0	27.4	20.5	20.5	10.7
19:21:29	28 55.4	-95 24.2	420.9	437.3	10348*	504	30.5	-13.7	-3.7	72.6	76.6	0.0	209.0	128.6	93.5	207.2
19:22:00	28 53.8	-95 22.1	77.9	-80.3	111.8	-3*	132.9	0.0	-0.9	971.1	70.3	29.7	10.0	-16.9	-18.9	0.2
19:22:00	28 50.9	-95 23.8	78.1	-80.9	112.4	391	132.7	-0.1	-1.0	250.6	70.3	30.0	9.4	21.4	21.4	0.0
19:22:00	28 54.1	-95 22.7	78.5	-80.1	112.2	402	0.0	28.7	-12.2	71.5	76.7	50.0	27.9	21.3	21.3	11.0
19:21:59	28 54.1	-95 22.7	420.4	436.8	10348*	399	33.6	-7.8	-1.7	70.6	74.5	0.0	206.0	128.5	92.5	204.2
19:22:30	28 52.5	-95 20.7	77.2	-80.3	111.4	-2*	132.4	2.5	-0.5	984.4	74.8	30.1	9.4	-16.9	-18.9	0.2
19:22:30	28 49.6	-95 22.4	77.4	-81.0	112.0	272	132.5	2.3	-0.7	250.6	74.8	30.4	8.6	21.5	21.5	0.0
19:22:30	28 52.8	-95 21.3	77.8	-80.3	111.8	276	0.0	26.2	-15.2	76.7	82.1	50.0	26.7	22.0	22.0	11.5
19:22:29	28 52.8	-95 21.3	419.4	435.8	10348*	276	27.4	-4.6	-0.8	75.2	79.4	0.0	212.3	128.1	99.0	209.9
19:23:00	28 51.2	-95 19.3	78.5	-80.3	112.3	-2*	132.3	2.0	-3.4	984.7	75.9	30.4	9.4	-16.9	-18.9	0.2
19:23:00	28 48.3	-95 21.0	78.7	-80.9	112.9	271	132.3	1.9	-3.6	250.6	75.9	30.7	8.6	21.3	21.3	0.0
19:23:00	28 51.5	-95 19.9	78.9	-80.4	112.7	277	0.0	21.2	-17.7	77.5	83.0	50.0	26.5	21.6	21.6	11.5
19:22:59	28 51.5	-95 19.8	419.5	435.8	10348*	276	27.2	-6.9	-2.0	76.2	80.0	0.0	213.9	128.3	99.5	211.3

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
19:23:30	28 50.0	-95 17.8	81.6	-76.5	111.9	-2*	129.6	1.9	-1.0	984.6	76.0	30.0	9.0	-16.9	-18.9	0.2
19:23:30	28 47.0	-95 19.5	81.8	-77.2	112.4	272	129.4	1.8	-1.2	250.6	76.0	30.2	8.1	22.8	22.8	0.0
19:23:30	28 50.3	-95 18.4	82.2	-76.4	112.2	275	0.0	22.8	-17.0	77.7	83.4	50.0	26.4	22.4	22.4	11.8
19:23:29	28 50.2	-95 18.4	418.8	435.2	10348*	276	27.0	-7.3	-1.9	76.4	80.6	0.0	214.1	125.0	100.0	211.4
19:24:00	28 48.7	-95 16.3	81.8	-76.1	111.7	-2*	129.4	2.1	-0.8	984.6	75.9	30.1	9.1	-16.9	-18.9	0.2
19:24:00	28 45.7	-95 18.0	82.0	-76.8	112.3	271	129.2	1.9	-1.0	250.6	76.0	30.4	8.3	22.7	22.7	0.0
19:24:00	28 49.0	-95 16.8	82.5	-75.9	112.1	272	0.0	22.8	-17.0	77.5	83.2	50.0

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
19:28:30	28 38.1	-95 26.1	-83.8	78.8	115.1	-2*	317.1	2.2	-0.8	984.9	72.9	30.4	10.1	-16.9	-18.9	0.2
19:28:30	28 35.0	-95 27.8	-83.5	78.4	114.6	266	317.0	2.0	-0.9	250.6	72.9	30.7	9.3	23.1	23.1	0.0
19:28:30	28 38.3	-95 26.6	-83.3	79.2	114.9	276	0.0	24.6	-15.1	74.8	80.0	50.0	27.2	22.5	22.5	10.9
19:28:29	28 38.3	-95 26.6	420.5	436.9	10348*	274	27.3	-3.9	-0.6	73.2	77.2	0.0	209.7	322.0	93.2	207.7
19:29:00	28 39.4	-95 27.7	-80.1	82.4	114.9	-2*	320.0	2.2	-0.6	984.6	73.2	30.3	9.9	-16.9	-18.9	0.2
19:29:00	28 36.3	-95 29.3	-79.8	81.9	114.4	270	319.7	2.0	-0.7	250.6	73.2	30.6	9.2	23.1	23.1	0.0
19:29:00	28 39.6	-95 28.0	-79.7	82.7	114.8	266	0.1	23.6	-15.7	74.8	80.3	50.0	27.2	22.7	22.7	11.0
19:28:59	28 39.6	-95 28.1	420.3	436.7	10348*	276	27.1	-9.5	-2.4	73.5	77.6	0.0	210.2	324.0	93.7	208.1
19:29:30	28 40.7	-95 29.1	-80.2	83.0	115.4	-2*	320.6	2.1	-0.9	984.5	74.1	30.3	9.7	-16.9	-18.9	0.2
19:29:30	28 37.7	-95 30.8	-79.9	82.6	114.9	272	320.7	2.0	-1.1	250.6	74.1	30.6	9.0	22.9	22.9	0.0
19:29:30	28 41.0	-95 29.5	-79.8	83.3	115.4	265	0.0	23.9	-15.8	75.5	81.2	50.0	26.9	22.3	22.3	11.2
19:29:29	28 41.0	-95 29.5	420.0	436.4	10348*	277	27.3	-11.1	-2.8	74.4	78.6	0.0	211.3	325.0	94.3	209.1
19:30:00	28 42.1	-95 30.6	-81.4	84.6	117.4	-2*	320.4	2.0	-0.9	984.4	75.8	30.4	9.4	-16.9	-18.9	0.2
19:30:00	28 39.0	-95 32.2	-81.1	84.2	116.8	273	320.4	1.9	-1.0	250.6	75.8	30.6	8.6	22.8	22.8	0.0
19:30:00	28 42.3	-95 31.0	-80.8	84.8	117.1	265	0.0	21.2	-17.6	77.5	83.1	50.0	26.5	22.4	22.4	11.5
19:29:59	28 42.3	-95 31.0	419.5	435.8	10348*	277	27.2	-9.3	-2.5	76.1	80.1	0.0	213.7	324.8	94.5	211.2
19:30:30	28 43.5	-95 32.2	-87.0	91.0	125.9	-2*	320.0	1.4	-0.5	983.8	88.1	31.2	7.6	-16.9	-18.9	0.2
19:30:30	28 40.4	-95 33.8	-86.7	90.6	125.4	275	319.8	1.3	-0.7	250.6	88.1	31.5	6.4	23.2	23.2	0.0
19:30:30	28 43.8	-95 32.5	-86.5	91.3	125.7	271	0.0	15.6	-24.2	89.9	96.3	50.0	23.3	22.6	22.6	13.0
19:30:29	28 43.8	-95 32.5	416.8	433.0	10348*	279	27.2	-9.0	-3.1	88.3	93.2	0.0	229.9	324.0	99.9	225.4
19:31:00	28 45.0	-95 33.8	-89.9	95.8	131.4	-2*	320.0	1.1	-0.6	983.4	95.0	32.4	7.3	-16.9	-18.8	0.2
19:31:00	28 41.9	-95 35.4	-89.6	95.4	130.9	277	319.8	0.9	-0.8	250.6	95.0	32.7	5.8	22.7	22.7	0.0
19:31:00	28 45.3	-95 34.2	-89.5	96.0	131.3	271	0.0	11.9	-28.1	97.0	103.6	50.0	21.6	21.8	21.8	13.3
19:30:59	28 45.3	-95 34.2	416.3	432.5	10348*	280	27.3	-8.3	-2.5	95.2	100.7	0.0	238.5	323.6	102.0	233.0
19:31:30	28 46.5	-95 35.4	-80.1	86.0	117.5	-2*	319.4	1.3*	0.1	957.4	79.0	31.9	10.1	-16.9	-18.9	0.2
19:31:30	28 43.4	-95 37.0	-79.7	85.6	117.0	517	319.5	1.1*	-0.1	250.6	79.0	32.1	9.1	19.4	19.4	0.0
19:31:30	28 46.8	-95 35.7	-79.7	86.3	117.4	511	0.0	6.3	-24.7	81.0	86.0	50.0	25.7	20.5	20.5	10.9
19:31:29	28 46.8	-95 35.7	420.5	436.9	10348*	522	33.0	-4.9	-2.1	79.0	83.5	0.0	218.0	322.1	98.2	215.5
19:32:00	28 47.9	-95 36.8	-79.0	86.8	117.4	-2*	320.4	2.0*	-1.9*	959.3	80.7	32.1	9.9	-16.9	-18.9	0.2
19:32:00	28 44.8	-95 38.4	-78.7	86.4	116.9	498	320.5	1.3	-1.3	250.6	80.8	32.4	8.9	20.3	20.3	0.0
19:32:00	28 48.2	-95 37.2	-78.6	87.2	117.4	495	0.1	20.5	-19.5	82.3	88.2	50.0	25.2	21.2	21.2	11.0
19:31:59	28 48.2	-95 37.2	420.3	436.7	10348*	501	31.9	-7.6	-2.3	81.1	85.4	0.0	220.4	323.2	100.4	217.6
19:32:30	28 49.3	-95 38.3	-81.2	82.8	116.0	-2*	318.1	2.0	-3.6	959.8	75.3	31.7	10.8	-16.9	-18.9	0.2
19:32:30	28 46.2	-95 39.9	-80.9	82.4	115.5	495	317.9	1.8	-3.7	250.6	75.3	32.0	9.9	21.2	21.2	0.0
19:32:30	28 49.6	-95 38.6	-80.6	83.5	116.0	491	0.0	21.0	-17.4	77.1	82.4	50.0	26.6	21.6	21.6	10.4
19:32:29	28 49.6	-95 38.7	421.5	437.9	10348*	499	33.2	-5.3	-1.6	75.5	79.9	0.0	213.0	321.2	95.3	211.1
19:33:00	28 50.6	-95 39.8	-84.1	78.9	115.4	-2*	315.9	2.0	-0.6	959.9	71.3	31.5	11.4	-16.9	-18.9	0.2
19:33:00	28 47.5	-95 41.4	-83.9	78.5	114.9	493	315.6	1.9	-0.8	250.6	71.3	31.7	10.7	21.7	21.7	0.0
19:33:00	28 50.9	-95 40.2	-83.8	79.2	115.3	491	0.0	19.2	-16.9	72.9	78.0	50.0	27.7	21.9	21.9	9.9
19:32:59	28 50.9	-95 40.2	422.5	439.0	10348*	500	31.1	-7.8	-2.3	71.5	75.8	0.0	207.5	318.5	91.0	206.2

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
19:33:30	28 51.9	-95 41.4	-84.2	78.7	115.2	-2*	315.4	2.5	-0.9	960.1	70.7	32.0	12.0	-16.9	-18.9	0.2
19:33:30	28 48.8	-95 43.0	-83.9	78.3	114.8	489	315.5	2.4	-1.0	250.6	70.7	32.2	11.3	21.0	21.0	0.0
19:33:30	28 52.2	-95 41.7	-83.8	79.1	115.3	493	0.1	25.2	-14.1	72.4	77.6	50.0	27.8	21.7	21.7	9.5
19:33:29	28 52.2	-95 41.7	423.4	439.9	10348*	496	31.3	-7.1	-1.3	71.0	75.0	0.0	206.6	317.8	90.5	205.5
19:34:00	28 53.2	-95 42.9	-84.4	79.9	116.2	-2*	315.8	1.5	-0.9*	959.0	73.4	32.6	12.0	-16.9	-18.9	0.2
19:34:00	28 50.0	-95 44.5	-84.1	79.5	115.7	495	315.9	1.4	-1.0*	250.6	73.5	32.9	11.2	19.9	19.9	0.0
19:34:00	28 53.5	-95 43.3	-83.9	80.3	116.2	498	0.1	20.5	-17.2	75.5	80.4	50.0	27.1	20.9	20.9	9.5
19:33:59	28 53.5	-95 43.3	423.4	439.9	10348*	505	32.7	-2.2	-0.9	73.8	77.9	0.0	210.5	319.2	93.2	209.2
19:34:30	28 54.5	-95 44.5	-83.7	79.1	115.1	-2*	315.1	2.5	-0.4	960.0	73.4	32.9	12.3	-16.9	-18.9	0.2
19:34:30	28 51.3	-95 46.1	-83.4	78.7	114.7	488	314.9	2.3	-0.6	250.6	73.4	33.2	11.5	18.2	18.2	0.0
19:34:30	28 54.8	-95 44.8	-83.4	79.5	115.2	486	0.0	22.6	-16.2	75.0	80.3	50.0	27.1	20.1	20.1	9.4
19:34:29	28 54.8	-95 44.8	423.8	440.3	10348*	496	32.1	-7.9	-2.1	73.7	77.8	0.0	210.4	316.4	94.1	209.2
19:35:00	28 55.7	-95 46.0	-82.6	79.4	114.6	-2*	315.7	2.3	-0.5	960.0	72.4	32.7	12.3	-16.9	-18.9	0.2
19:35:00	28 52.6	-95 47.6	-82.4	79.0	114.2	490	315.5	2.1	-0.6	250.6	72.5	33.0	11.6	19.3	19.3	0.0
19:35:00	28 56.1	-95 46.4	-82.3	79.8	114.6	487	0.0	30.3	-12.4	73.9	79.5	50.0	27.4	20.6	20.6	9.3
19:34:59	28 56.1	-95 46.4	423.8	440.4	10348*	495	32.0	-10.4	-2.5	72.8	76.7	0.0	209.1	316.7	93.4	208.0
19:35:30	28 57.0	-95 47.6	-82.8	80.5	115.5	-2*	315.9	2.0	-1.2	959.9	72.6	32.7	12.3	-16.9	-18.9	0.2
19:35:30	28 53.9	-95 49.1	-82.6	80.1	115.0	487	316.0	1.9	-1.3	250.6	72.7	33.0	11.6	20.3	20.3	0.0
19:35:30	28 57.4	-95 47.9	-82.5	80.9	115.5	491	0.1	24.0	-15.3	74.2	79.6	50.0	27.3	20.3	20.3	9.4
19:35:29	28 57.4	-95 47.9	423.8	440.3	10348*	499	38.4	-9.7	-2.2	73.0	77.1	0.0	209.4	317.0	92.8	208.2
19:36:00	28 58.4	-95 49.1	-83.0	81.5	116.4	-2*	316.5*	1.8	-1.2	959.9	76.4	33.2	11.9	-16.9	-18.9	0.2
19:36:00	28 55.2	-95 50.7	-82.8	81.1	115.9	485	316.6*	1.6	-1.4	250.6	76.5	33.5	11.1	19.5	19.5	0.0
19:36:00	28 58.7	-95 49.4	-83.0	81.7	116.5	492	0.0	26.3	-14.9	77.1	83.8	50.0	26.3	20.5	20.5	9.6
19:35:59	28 58.7	-95 49.4	423.2	439.7	10348*	498	33.1	-19.5	-5.3	76.6	80.5	0.0	214.6	316.2	96.6	213.0
19:36:30	28 59.7	-95 50.6	-83.3	80.7	115.9	-2*	315.6	1.6	0.0	959.5	73.4	33.1	12.5	-16.9	-18.9	0.2
19:36:30	28 56.5	-95 52.2	-83.1	80.3	115.5	485	315.4	1.5	-0.2	250.6	73.5	33.4	11.7	18.9	18.9	0.0
19:36:30	29 0.0	-95 50.9	-83.1	80.9	116.0	497	0.1	22.3	-16.2	74.9	80.3	50.0	27.1	20.5	20.5	9.2
19:36:29	29 0.0	-95 50.9	424.1	440.7	10348*	502	35.8	-9.2	-2.5	73.7	77.4	0.0	210.5	316.4	93.4	209.3
19:37:00	29 1.0	-95 52.2	-82.0	79.7	114.4	-2*	316.3	2.5	-1.7	960.0	71.0	33.2	13.1	-16.9	-18.9	0.2
19:37:00	28 57.8	-95 53.7	-81.8	79.4	114.0	482	316.1	2.3	-1.9	250.6	71.1	33.5	12.4	17.0	17.0	0.0
19:37:00	29 1.3	-95 52.4	-81.6	80.3	114.5	494	0.0	21.9	-15.6	72.7	77.8	50.0	27.7	18.8	18.8	8.9
19:36:59	29 1.3	-95 52.5	424.9	441.6	10348*	500	34.4	-8.3	-2.2	71.3	75.1	0.0	207.1	318.2	92.1	206.4
19:37:30	29 2.3	-95 53.7	-81.6	79.4	113.9	-2*	316.2	2.1	-0.5*	959.3	73.1	33.0	12.4	-16.9	-18.9	0.2
19:37:30	28 59.1	-95 55.2	-81.4	79.0	113.5	484	316.2	1.9	-0.7*	250.6	73.2	33.3	11.7	19.2	19.2	0.0
19:37:30	29 2.6	-95 53.9	-81.3	79.9	114.0	497	0.0	21.4	-16.6	75.0	80.0	50.0	27.2	20.4	20.4	9.3
19:37:29	29 2.6	-95 54.0	424.0	440.6	10348*	504	30.1	-3.7	-1.1	73.5	77.3	0.0	210.0	318.6	95.2	208.9
19:38:00	29 3.6	-95 55.2	-82.2	79.0	114.0	-2*	316.0	2.3	-0.7	959.8	71.4	33.2	13.0	-16.9	-18.9	0.2
19:38:00	29 0.4	-95 56.7	-82.0	78.7	113.6	482	316.1	2.1	-0.8	250.6	71.4	33.5	12.3	17.9	17.9	0.0
19:38:00	29 3.9	-95 55.5	-81.9	79.5	114.1	501	0.1	21.4	-16.0	73.2	78.2	50.0	27.6	19.7	19.7	8.9
19:37:59	29 3.9	-95 55.5	424.8	441.4	10348*	501	33.9	-5.5	-1.6	71.7	75.8	0.0	207.6	318.4	92.9	206.8

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
19:38:30	29 4.8	-95 56.7	-81.1	77.8	112.4	-2*	316.4	2.5	-0.8	960.1	70.3	33.2	13.3	-16.9	-18.9	0.2
19:38:30	29 1.6	-95 58.2	-80.9	77.5	112.0	477	316.2	2.3	-0.9	250.6	70.3	33.5	12.6	17.8	17.8	0.0
19:38:30	29 5.2	-95 57.0	-80.9	78.2	112.5	492	0.1	19.8	-16.4	71.8	77.1	50.0	27.9	19.7	19.7	8.7
19:38:29	29 5.2	-95 57.0	425.2	441.9	10348*	498	34.6	-11.1	-3.2	70.5	74.4	0.0	206.0	318.0	93.2	205.5
19:39:00	29 6.1	-95 58.2	-81.9	79.2	114.0	-2*	316.5	1.7	-1.4	959.5	73.7	33.5	12.8	-16.9	-18.9	0.2
19:39:00	29 2.9	-95 59.7	-81.8	78.8	113.6	478	316.3	1.6	-1.5	250.6	73.7	33.8	12.1	17.4	17.4	0.0
19:39:00	29 6.5	-95 58.5	-81.7	79.6	114.1	500	0.0	26.3	-14.4	75.0	80.8	50.0	27.0	19.4	19.4	9.0
19:38:59	29 6.5	-95 58.5	424.5	441.1	10348*	502	33.8	-12.5	-2.9	74.0	78.1	0.0	210.9	317.9	95.9	209.8
19:39:30	29 7.4	-95 59.7	-82.7	80.0	115.0	-2*	316.0	2.2	-0.9	960.1	74.7	33.5	12.6	-16.9	-18.9	0.2
19:39:30	29 4.2	-96 1.2	-82.5	79.6	114.7	470	316.1	2.0	-1.1	250.6	74.7	33.8	11.8	17.6	17.6	0.0
19:39:30	29 7.8	-95 60.0	-82.5	80.5	115.3	492	0.0	21.0	-17.3	76.1	81.6	50.0	26.8	19.6	19.6	9.2
19:39:29	29 7.8	-95 60.0	424.2	440.8	10348*	497	39.7	-9.2	-2.6	74.9	79.3	0.0	212.2	317.5	96.0	211.0
19:40:00	29 8.7	-96 1.2	-81.6	78.8	113.4	-2*	316.4	2.5	-1.0	959.8	72.8	33.5	13.0	-16.9	-18.9	0.2
19:40:00	29 5.5	-96 2.7	-81.5	78.4	113.1	473	316.4	2.3	-1.2	250.6	72.8	33.8	12.2	17.1	17.1	0.0
19:40:00	29 9.1	-96 1.5	-81.4	79.3	113.6	495	0.1	22.7	-15.9	74.4	79.7	50.0	27.3	19.1	19.1	8.9
19:39:59	29 9.1	-96 1.5	424.8	441.4	10348*	499	36.9	-8.4	-2.3	73.1	76.9	0.0	209.6	318.4	95.4	208.7
19:40:30	29 10.0	-96 2.7	-81.4	77.8	112.6	-2*	316.1	2.6	-1.3*	960.7	70.0	33.5	13.6	-16.9	-18.9	0.2
19:40:30	29 6.7	-96 4.2	-81.3	77.4	112.3	473	315.9	2.4	-1.4*	250.6	70.0	33.8	12.9	16.7	16.7	0.0
19:40:30	29 10.4	-96 3.0	-81.5	78.5	113.2	488	0.1	22.8	-14.6	71.1	76.8	50.0	28.0	18.0	18.0	8.6
19:40:29	29 10.4	-96 3.0	425.7	442.3	10348*	492	31.6	-14.8	-3.9	70.3	73.6	0.0	205.6	316.8	92.7	205.2
19:41:00	29 11.2	-96 4.2	-81.0	78.1	112.5	-3*	316.1	2.5	-1.7	960.3	70.6	33.6	13.5	-16.9	-18.9	0.2
19:41:00	29 8.0	-96 5.7	-80.9	77.7	112.2	466	315.9	2.4	-1.8	250.6	70.6	33.9	12.9	14.9	14.9	0.0
19:41:00	29 11.6	-96 4.5	-80.7	78.7	112.7	488	0.1	24.7	-14.3	72.5	77.4	50.0	27.9	17.7	17.7	8.6
19:40:59	29 11.6	-96 4.5	425.6	442.3	10348*	493	32.5	-4.6	-0.9	70.9	74.8	0.0	206.4	318.8	93.6	205.9
19:41:30	29 12.5	-96 5.7	-81.8	78.0	113.0	-3*	315.8	1.9	-0.5	960.0	70.4	33.3	13.4	-16.9	-18.9	0.2
19:41:30	29 9.3	-96 7.2	-81.7	77.7	112.7	469	315.9	1.7	-0.7	250.6	70.4	33.6	12.7	17.3	17.3	0.0
19:41:30	29 12.9	-96 6.0	-81.8	78.2	113.2	495	0.1	25.4	-13.7	71.5	77.2	50.0	27.9	19.3	19.3	8.7
19:41:29	29 12.9	-96 6.0	425.3	442.0	10348*	496	34.1	-14.2	-3.5	70.7	74.4	0.0	206.1	316.4	92.6	205.6
19:42:00	29 13.8	-96 7.2	-82.2	78.7	113.8	-3*	316.6	1.7	-0.6*	959.5	71.7	33.5	13.3	-16.9	-18.9	0.2
19:42:00	29 10.5	-96 8.8	-82.2	78.3	113.5	475	316.7	1.6	-0.8*	250.6	71.8	33.8	12.5	17.2	17.2	0.0
19:42:00	29 14.2	-96 7.5	-82.1	79.0	114.0	499	0.1	19.2	-17.1	73.3	78.5	50.0	27.5	19.4	19.4	8.8
19:41:59	29 14.2	-96 7.5	425.2	441.8	10348*	501	39.4	-9.0	-2.9	72.0	76.0	0.0	208.1	319.1	93.8	207.4
19:42:30	29 15.0	-96 8.7	-81.0	77.5	112.1	-3*	316.2	2.6	-0.6	959.8	72.3	33.7	13.3	-16.9	-18.9	0.2
19:42:30	29 11.8	-96 10.3	-81.0	77.2	111.9	468	316.0	2.4	-0.8	250.6	72.3	34.0	12.6	16.6	16.6	0.0
19:42:30	29 15.5	-96 9.0	-81.1	77.9	112.5	495	0.0	24.1	-14.8	73.4	79.3	50.0	27.4	18.5	18.5	8.7
19:42:29	29 15.5	-96 9.0	425.3	441.9	10348*	498	36.6	-14.0	-3.6	72.6	76.4	0.0	208.9	317.1	96.1	208.2
19:43:00	29 16.3	-96 10.2	-81.1	77.8	112.4	-3*	315.5	2.7	-0.5	960.4	69.0	33.6	13.9	-16.9	-18.8	0.2
19:43:00	29 13.0	-96 11.8	-81.1	77.5	112.2	460	315.3	2.5	-0.6	250.6	69.0	33.9	13.3	15.9	15.9	0.0
19:43:00	29 16.7	-96 10.5	-81.0	78.3	112.6	489	0.1	24.9	-13.5	70.6	75.6	50.0	28.3	18.1	18.1	8.4
19:42:59	29 16.7	-96 10.5	426.2	442.9	10348*	492	38.3	-6.2	-1.3	69.3	73.0	0.0	204.1	317.0	91.6	203.9

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
19:43:30	29 17.5	-96 11.7	-81.3	78.1	112.7	-3*	316.3	2.6	-1.2	960.3	71.8	33.6	13.3	-16.9	-18.9	0.2
19:43:30	29 14.3	-96 13.3	-81.3	77.7	112.5	460	316.3	2.5	-1.4	250.6	71.8	33.9	12.6	17.2	17.2	0.0
19:43:30	29 18.0	-96 12.0	-81.2	78.6	113.1	492	0.1	25.3	-14.3	73.2	78.6	50.0	27.5	18.8	18.8	8.7
19:43:29	29 18.0	-96 12.0	425.3	441.9	10348*	494	39.8	-9.3	-2.1	72.0	75.7	0.0	208.1	318.2	94.9	207.4
19:44:00	29 18.8	-96 13.2	-80.6	77.0	111.5	-3*	316.1	2.5	-1.6*	960.3	70.2	33.5	13.6	-16.9	-18.8	0.2
19:44:00	29 15.5	-96 14.8	-80.7	76.6	111.3	461	316.2	2.4	-1.8*	250.6	70.3	33.8	12.9	16.5	16.5	0.0
19:44:00	29 19.3	-96 13.5	-80.5	77.4	111.7	494	0.0	25.5	-13.6	71.6	77.1	50.0

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
19:48:30	29 30.1	-96 26.7	-80.8	77.4	111.9	-2*	316.0	2.2	-1.3*	960.0	69.7	33.0	13.2	-16.9	-18.9	0.2
19:48:30	29 26.8	-96 28.3	-81.1	77.1	111.9	440	315.9	2.1	-1.4*	250.6	69.8	33.3	12.6	17.0	17.0	0.0
19:48:30	29 30.7	-96 27.0	-81.1	77.6	112.2	509	0.1	23.2	-14.4	71.1	76.4	50.0	28.1	18.9	18.9	8.8
19:48:29	29 30.7	-96 27.0	425.2	441.8	10348*	500	32.7	-10.6	-2.7	69.9	73.7	0.0	205.2	317.4	92.9	204.7
19:49:00	29 31.4	-96 28.2	-80.9	77.2	111.9	-2*	316.1	2.8	-0.3	960.3	69.8	33.1	13.3	-16.9	-18.9	0.2
19:49:00	29 28.1	-96 29.8	-81.2	76.9	111.9	432	315.9	2.6	-0.4	250.6	69.8	33.4	12.7	16.9	16.9	0.0
19:49:00	29 31.9	-96 28.5	-81.1	77.6	112.2	504	0.1	24.8	-14.0	71.5	76.6	50.0	28.1	18.5	18.5	8.7
19:48:59	29 31.9	-96 28.5	425.3	441.9	10348*	495	38.1	-6.4	-1.6	70.1	73.9	0.0	205.3	318.6	93.1	204.8
19:49:30	29 32.6	-96 29.7	-79.6	76.8	110.6	-2*	315.9	2.7	-0.1	960.2	67.1	32.8	13.6	-16.9	-18.9	0.2
19:49:30	29 29.3	-96 31.3	-79.9	76.5	110.6	435	315.9	2.5	-0.3	250.6	67.1	33.1	13.0	17.8	17.8	0.0
19:49:30	29 33.2	-96 30.0	-79.9	77.1	111.0	504	0.1	26.3	-12.4	68.6	73.8	50.0	28.8	19.6	19.6	8.5
19:49:29	29 33.2	-96 30.0	425.8	442.4	10348*	496	32.8	-10.5	-2.5	67.4	71.1	0.0	201.4	316.7	90.6	201.2
19:50:00	29 33.6	-96 31.4	-112.2	9.5	112.6	-2*	275.2*	3.3	-25.7	961.0	67.5	33.1	13.8	-16.9	-18.9	0.2
19:50:00	29 30.3	-96 33.0	-112.5	9.2	112.9	421	275.3*	3.1	-25.9	250.6	67.6	33.4	13.2	16.9	16.9	0.0
19:50:00	29 34.2	-96 31.7	-111.9	13.4	112.7	494	0.1	32.0	-10.1	69.0	74.5	50.0	28.7	18.8	18.8	8.4
19:49:59	29 34.2	-96 31.7	426.0	442.7	10348*	493	36.7	-11.8	-3.0	67.8	71.4	0.0	202.1	277.6	89.4	201.9
19:50:30	29 32.8	-96 33.1	-49.5	-98.1	109.9	-2*	205.5*	3.8	-24.7	960.8	63.1	32.9	14.7	-16.9	-18.9	0.2
19:50:30	29 29.4	-96 34.7	-50.0	-98.5	110.4	423	205.6*	3.6	-24.9	250.6	63.1	33.2	14.2	15.0	15.0	0.0
19:50:30	29 33.4	-96 33.4	-52.4	-96.5	109.8	492	0.1	31.1	-8.7	64.2	69.7	50.0	29.9	17.9	17.9	7.9
19:50:29	29 33.4	-96 33.4	427.3	444.1	10348*	496	39.4	-14.9	-3.9	63.3	66.0	0.0	195.4	205.1	86.1	195.9
19:51:00	29 31.0	-96 33.3	-4.9	-111.4	111.5	-2*	181.7	2.5	5.7	960.4	64.7	33.2	14.6	-16.9	-18.9	0.2
19:51:00	29 27.7	-96 34.9	-5.4	-111.8	112.0	420	181.6	2.4	5.5	250.6	64.7	33.5	14.1	17.5	17.5	0.0
19:51:00	29 31.6	-96 33.7	-4.0	-111.2	111.3	499	0.1	25.1	-11.6	65.8	71.2	50.0	29.5	19.3	19.3	8.0
19:50:59	29 31.6	-96 33.7	427.1	443.9	10348*	494	37.9	-14.8	-3.9	64.8	68.4	0.0	197.8	177.3	86.8	198.2
19:51:30	29 29.2	-96 33.6	-15.9	-113.4	114.5	-2*	187.2	2.6	-0.6	960.7	68.4	33.3	13.8	-16.9	-18.9	0.2
19:51:30	29 25.8	-96 35.1	-16.5	-113.8	115.0	421	187.1	2.4	-0.8	250.6	68.5	33.6	13.2	17.1	17.1	0.0
19:51:30	29 29.8	-96 33.9	-16.0	-113.2	114.3	488	0.0	26.6	-12.6	69.9	75.2	50.0	28.4	19.1	19.1	8.4
19:51:29	29 29.8	-96 33.9	426.0	442.7	10348*	490	34.6	-10.5	-2.5	68.8	72.7	0.0	203.4	184.9	88.7	203.2
19:52:00	29 27.3	-96 33.9	-16.0	-113.4	114.5	-2*	187.5	2.5	-1.0	960.3	68.8	33.2	13.6	-16.9	-18.9	0.2
19:52:00	29 24.0	-96 35.5	-16.6	-113.8	115.0	430	187.4	2.3	-1.1	250.6	68.8	33.5	13.0	17.1	17.1	0.0
19:52:00	29 28.0	-96 34.2	-16.2	-113.2	114.4	497	0.1	21.2	-15.2	70.3	75.3	50.0	28.3	18.7	18.7	8.5
19:51:59	29 27.9	-96 34.2	425.8	442.5	10348*	495	36.7	-8.7	-2.4	69.0	72.8	0.0	203.9	185.9	89.1	203.6
19:52:30	29 25.5	-96 34.2	-15.5	-113.5	114.6	-2*	187.3	3.0	-1.0	960.5	67.4	33.1	13.8	-16.9	-18.9	0.2
19:52:30	29 22.2	-96 35.8	-16.2	-113.9	115.1	432	187.5	2.8	-1.1	250.6	67.4	33.4	13.3	17.4	17.4	0.0
19:52:30	29 26.1	-96 34.5	-15.8	-113.4	114.5	497	0.1	25.8	-12.7	69.0	74.0	50.0	28.7	19.4	19.4	8.4
19:52:29	29 26.1	-96 34.5	426.1	442.8	10348*	493	36.1	-8.2	-2.3	67.7	71.4	0.0	201.8	185.7	87.1	201.7
19:53:00	29 23.7	-96 34.4	-15.5	-114.1	115.2	-2*	187.2	2.3	-1.1	960.0	70.5	33.6	13.6	-16.9	-18.9	0.2
19:53:00	29 20.3	-96 36.1	-16.2	-114.5	115.6	445	187.1	2.2	-1.2	250.6	70.5	33.9	12.9	16.0	16.0	0.0
19:53:00	29 24.3	-96 34.8	-15.9	-114.0	115.1	500	0.1	19.4	-16.6	72.3	77.2	50.0	27.9	17.8	17.8	8.6
19:52:59	29 24.3	-96 34.8	425.7	442.3	10348*	497	36.4	-4.3	-1.6	70.8	74.5	0.0	206.3	186.6	90.7	205.8

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
19:53:30	29 21.8	-96 34.7	-16.6	-114.9	116.1	-2*	187.4	2.4	-0.5	959.8	72.5	33.5	13.1	-16.9	-18.9	0.2
19:53:30	29 18.4	-96 36.4	-17.3	-115.3	116.6	446	187.2	2.3	-0.6	250.6	72.6	33.8	12.3	17.3	17.3	0.0
19:53:30	29 22.4	-96 35.1	-16.8	-114.8	116.0	503	0.1	23.2	-15.6	74.1	79.4	50.0	27.3	19.1	19.1	8.9
19:53:29	29 22.4	-96 35.1	424.9	441.5	10348*	497	32.8	-8.5	-2.4	72.9	76.8	0.0	209.2	185.4	92.3	208.4
19:54:00	29 19.9	-96 35.0	-16.6	-116.6	117.8	-2*	187.6	2.3	-1.1	960.2	72.9	33.6	13.1	-16.9	-18.9	0.2
19:54:00	29 16.6	-96 36.7	-17.4	-117.0	118.2	442	187.5	2.1	-1.2	250.6	72.9	33.9	12.3	16.8	16.8	0.0
19:54:00	29 20.6	-96 35.4	-17.1	-116.5	117.7	499	0.0	22.1	-16.2	74.5	79.7	50.0	27.2	18.9	18.9	8.9
19:53:59	29 20.5	-96 35.4	424.9	441.5	10348*	493	37.1	-7.5	-2.1	73.2	76.8	0.0	209.7	186.4	91.1	208.8
19:54:30	29 18.0	-96 35.4	-16.4	-118.2	119.4	-2*	188.0	1.5	-1.8	959.7	74.0	34.0	13.1	-16.9	-18.9	0.2
19:54:30	29 14.7	-96 37.0	-17.1	-118.6	119.8	452	188.2	1.3	-1.9	250.6	74.0	34.2	12.3	16.5	16.5	0.0
19:54:30	29 18.7	-96 35.7	-16.8	-118.0	119.2	505	0.0	17.8	-18.4	75.4	80.9	50.0	26.9	18.4	18.4	8.8
19:54:29	29 18.6	-96 35.7	425.0	441.6	10348*	499	38.7	-10.8	-3.4	74.2	77.7	0.0	211.3	186.9	90.9	210.3
19:55:00	0 0.0	0 0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0
19:55:00	0 0.0	0 0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0
19:55:00	0 0.0	0 0.0	0.0	0.0	0.0	0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32
19:55:00	0 0.0	0 0.0	-32767.0	-32767.0	-32767	0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-
19:55:30	29 14.2	-96 36.0	-16.3	-118.6	119.7	-2*	187.1	2.2	-0.9	959.9	74.3	33.9	13.0	-16.9	-18.9	0.2
19:55:30	29 10.8	-96 37.7	-17.2	-118.9	120.1	454	186.9	2.1	-1.0	250.6	74.4	34.2	12.2	16.2	16.2	0.0
19:55:30	29 14.8	-96 36.3	-16.8	-118.5	119.6	505	0.1	18.9	-18.2	76.0	81.3	50.0	26.9	18.1	18.1	8.9
19:55:29	29 14.8	-96 36.3	424.8	441.4	10348*	494	35.8	-6.8	-2.4	74.7	78.8	0.0	211.8	185.6	91.1	210.7
19:56:00	29 12.3	-96 36.3	-16.0	-116.8	117.9	-2*	187.6	2.5	-1.3	960.3	72.0	33.7	13.4	-16.9	-18.9	0.2
19:56:00	29 8.9	-96 38.0	-16.8	-117.1	118.3	454	187.5	2.3	-1.5	250.6	72.0	34.0	12.7	16.2	16.2	0.0
19:56:00	29 12.9	-96 36.6	-16.5	-116.7	117.9	500	0.0	21.8	-16.0	73.4	78.8	50.0	27.5	18.2	18.2	8.7
19:55:59	29 12.9	-96 36.6	425.4	442.0	10348*	491	33.0	-9.4	-2.6	72.2	76.1	0.0	208.4	186.3	89.8	207.7
19:56:30	29 10.4	-96 36.6	-16.2	-116.4	117.5	-2*	187.4	2.0	-0.1	959.6	72.4	33.7	13.2	-16.9	-18.9	0.2
19:56:30	29 7.0	-96 38.3	-17.1	-116.7	118.0	461	187.6	1.9	-0.3	250.6	72.4	34.0	12.5	16.7	16.7	0.0
19:56:30	29 11.0	-96 36.9	-16.6	-116.3	117.5	504	0.1	26.8	-14.1	74.1	79.4	50.0	27.4	18.6	18.6	8.8
19:56:29	29 11.0	-96 36.9	425.2	441.8	10348*	494	36.1	-7.3	-1.9	72.7	77.3	0.0	209.0	186.1	90.7	208.2
19:57:00	29 8.5	-96 36.9	-16.1	-116.6	117.7	-2*	187.8	2.9	-1.2	960.7	72.8	33.9	13.3	-16.9	-18.9	0.2
19:57:00	29 5.1	-96 38.6	-17.1	-117.0	118.2	454	187.6	2.8	-1.4	250.6	72.9	34.2	12.6	15.8	15.8	0.0
19:57:00	29 9.1	-96 37.2	-16.5	-116.7	117.9	496	0.0	21.7	-16.3	74.4	79.7	50.0	27.3	17.5	17.5	8.7
19:56:59	29 9.1	-96 37.3	425.3	442.0	10348*	486	39.5	-9.0	-2.5	73.1	77.2	0.0	209.7	186.7	91.1	208.9
19:57:30	29 6.6	-96 37.2	-15.9	-116.8	117.9	-2*	187.7	0.8	-1.8	959.5	72.1	33.6	13.3	-16.9	-18.9	0.2
19:57:30	29 3.2	-96 38.9	-16.8	-117.1	118.3	472	187.5	0.7	-1.9	250.6	72.1	33.9	12.5	17.2	17.2	0.0
19:57:30	29 7.2	-96 37.6	-16.4	-116.6	117.7	510	0.0	18.9	-17.2	73.2	78.7	50.0	27.5	19.1	19.1	8.7
19:57:29	29 7.2	-96 37.6	425.2	441.9	10348*	500	36.9	-12.3	-3.8	72.3	76.4	0.0	208.6	186.0	89.9	207.8
19:58:00	29 4.7	-96 37.4	-15.8	-115.6	116.7	-2*	187.4	2.8	-1.1	960.1	70.5	33.6	13.6	-16.9	-18.9	0.2
19:58:00	29 1.3	-96 39.2	-16.7	-116.0	117.2	468	187.2	2.6	-1.2	250.6	70.5	33.9	12.9	16.3	16.3	0.0
19:58:00	29 5.3	-96 37.9	-16.3	-115.6	116.8	500	0.1	23.2	-14.9	72.1	77.2	50.0	27.9	18.4	18.4	8.6
19:57:59	29 5.3	-96 37.9	425.7	442.3	10348*	492	33.6	-7.3	-1.7	70.8	74.5	0.0	206.3	186.2	89.1	205.8

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
19:58:30	29 2.8	-96 37.7	-15.1	-114.7	115.7	-2*	187.6	2.6	-0.8	960.2	72.6	33.9	13.4	-16.9	-18.9	0.2
19:58:30	28 59.4	-96 39.5	-16.1	-115.1	116.2	468	187.8	2.5	-0.9	250.6	72.6	34.2	12.7	15.7	15.7	0.0
19:58:30	29 3.4	-96 38.1	-15.6	-114.8	115.9	499	0.0	24.5	-15.0	74.1	79.5	50.0	27.3	17.8	17.8	8.7
19:58:29	29 3.4	-96 38.1	425.4	442.1	10348*	490	34.3	-9.8	-2.8	72.9	76.6	0.0	209.3	186.6	92.8	208.6
19:59:00	29 1.0	-96 38.0	-15.3	-115.6	116.6	-2*	187.8	2.2	-1.2	960.2	70.5	33.7	13.7	-16.9	-18.9	0.2
19:59:00	28 57.5	-96 39.8	-16.3	-115.9	117.0	468	187.6	2.1	-1.3	250.6	70.6	34.0	13.0	15.8	15.8	0.0
19:59:00	29 1.6	-96 38.4	-15.8	-115.5	116.6	501	0.0	22.4	-15.2	71.8	77.3	50.0	27.9	18.1	18.1	8.5
19:58:59	29 1.6	-96 38.4	425.9	442.5	10348*	492	34.3	-11.5	-3.1	70.8	74.6	0.0	206.4	186.5	89.4	205.9
19:59:30	28 59.1	-96 38.3	-14.7	-114.6	115.5	-2*	187.7	2.2	-0.6	960.0	68.9	33.6	13.9	-16.9	-18.9	0.2
19:59:30	28 55.7	-96 40.1	-15.7	-114.9	116.0	471	187.5	2.1	-0.7	250.6	69.0	33.9	13.3	16.1	16.1	0.0
19:59:30	28 59.7	-96 38.7	-15.2	-114.5	115.5	500	0.0	24.3	-13.9	70.4	75.6	50.0	28.3	18.2	18.2	8.3
19:59:29	28 59.7	-96 38.7	426.2	442.9	10348*	493	37.9	-9.7	-2.5	69.3	73.1	0.0	204.1	186.9	88.3	203.8
20:00:00	28 57.2	-96 38.6	-15.5	-116.9	117.9	-2*	187.6	1.6	-0.8	960.1	70.8	33.8	13.7	-16.9	-18.9	0.2
20:00:00	28 53.8	-96 40.4	-16.5	-117.2	118.4	470	187.5	1.5	-1.0	250.6	70.8	34.1	13.0	16.0	16.0	0.0
20:00:00	28 57.8	-96 39.0	-16.1	-116.8	117.9	494	0.0	23.5	-14.9	72.7	77.6	50.0	27.8	18.1	18.1	8.5
19:59:59	28 57.8	-96 39.0	425.9	442.6	10348*	490	39.8	-5.4	-1.3	71.1	75.2	0.0	206.8	187.4	88.4	206.3
20:00:30	28 55.3	-96 38.9	-16.5	-117.2	118.3	-2*	187.6	2.6	-0.4*	960.6	73.8	34.2	13.5	-16.9	-18.9	0.2
20:00:30	28 51.9	-96 40.7	-17.5	-117.5	118.8	470	187.8	2.5	-0.5*	250.6	73.8	34.5	12.7	15.4	15.4	0.0
20:00:30	28 55.9	-96 39.3	-16.8	-117.3	118.5	490	0.0	20.6	-17.1	75.3	80.7	50.0	27.0	17.7	17.7	8.6
20:00:29	28 55.9	-96 39.3	425.5	442.2	10348*	486	36.1	-8.2	-2.4	74.0	78.4	0.0	210.9	186.2	91.8	210.1
20:01:00	28 53.4	-96 39.2	-16.9	-116.8	118.0	-2*	187.1	1.9	-0.2	960.1	73.0	34.1	13.5	-16.9	-18.9	0.2
20:01:00	28 50.0	-96 41.0	-17.9	-117.1	118.5	476	187.0	1.8	-0.4	250.6	73.1	34.4	12.7	15.7	15.7	0.0
20:01:00	28 54.0	-96 39.6	-17.5	-116.9	118.2	494	0.0	23.3	-15.9	75.1	80.0	50.0	27.2	17.7	17.7	8.6
20:00:59	28 54.0	-96 39.6	425.6	442.2	10348*	490	36.7	-0.7	-0.1	73.4	77.2	0.0	209.9	186.3	91.2	209.2
20:01:30	28 51.5	-96 39.5	-17.1	-115.2	116.5	-2*	187.4	2.3	-0.6	960.0	71.3	34.0	13.8	-16.9	-18.9	0.2
20:01:30	28 48.1	-96 41.4	-18.2	-115.5	116.9	477	187.2	2.1	-0.8	250.6	71.3	34.3	13.1	16.0	16.0	0.0
20:01:30	28 52.2	-96 39.9	-17.6	-115.2	116.6	493	0.0	24.6	-14.4	72.9	78.1	50.0	27.7	18.3	18.3	8.4
20:01:29	28 52.1	-96 39.9	426.0	442.7	10348*	491	40.4	-7.8	-1.7	71.6	75.7	0.0	207.5	185.2	90.6	207.0
20:02:00	28 49.7	-96 39.7	-12.6	-117.2	117.9	-2*	185.4	1.1	-1.5	959.4	76.4	34.4	13.0	-16.9	-18.9	0.2
20:02:00	28 46.2	-96 41.7	-13.7	-117.5	118.3	490	185.2	1.0	-1.6	250.6	76.5	34.6	12.1	15.8	15.8	0.0
20:02:00	28 50.3	-96 40.2	-13.3	-117.3	118.1	503	0.0	15.9	-20.1	77.8	83.3	50.0	26.3	17.8	17.8	8.9
20:01:59	28 50.3	-96 40.2	424.8	441.4	10348*	497	40.4	-9.2	-3.1	76.6	80.3	0.0	214.6	183.7	95.5	213.4
20:02:30	28 47.8	-96 40.0	-13.0	-115.2	115.9	-2*	185.7	2.4	-1.0	960.0	69.1	33.7	14.0	-16.9	-18.9	0.2
20:02:30	28 44.3	-96 41.9	-14.1	-115.5	116.4	488	185.9	2.3	-1.2	250.6	69.1	34.0	13.3	15.9	15.9	0.0
20:02:30	28 48.4	-96 40.5	-13.5	-115.2	116.0	499	0.0	23.8	-14.2	70.7	75.8	50.0	28.3	18.3	18.3	8.3
20:02:29	28 48.4	-96 40.5	426.3	443.0	10348*	492	40.6	-8.0	-1.9	69.4	73.2	0.0	204.3	184.0	88.2	204.1
20:03:00	28 45.9	-96 40.2	-12.9	-118.6	119.3	-2*	185.4	2.0	-0.9	960.5	74.1	34.4	13.5	-16.9	-18.9	0.2
20:03:00	28 42.4	-96 42.2	-14.0	-118.9	119.8	486	185.3	1.9	-1.1	250.6	74.2	34.6	12.7	16.0	16.0	0.0
20:03:00	28 46.5	-96 40.7	-13.6	-118.7	119.4	495	0.0	23.3	-16.2	76.2	81.2	50.0	26.9	18.2	18.2	8.6
20:02:59	28 46.5	-96 40.7	425.5	442.2	10348*	485	40.1	-2.5	-0.9	74.5	78.8	0.0	211.5	184.8	91.3	210.6

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
20:03:30	28 44.0	-96 40.4	-12.5	-115.4	116.0	-2*	185.7	2.3	-1.1*	960.2	67.8	33.6	14.2	-16.9	-18.9	0.1
20:03:30	28 40.5	-96 42.4	-13.6	-115.7	116.5	486	185.5	2.2	-1.2*	250.6	67.9	33.9	13.6	16.2	16.2	0.0
20:03:30	28 44.6	-96 41.0	-12.8	-115.4	116.1	500	0.0	22.8	-14.3	69.3	74.5	50.0	28.6	18.4	18.4	8.2
20:03:29	28 44.6	-96 41.0	426.7	443.4	10348*	490	36.4	-11.4	-3.0	68.1	72.0	0.0	202.5	183.4	86.5	202.5
20:04:00	28 42.1	-96 40.6	-10.5	-115.8	116.2	-2*	185.0	2.2	-0.9	960.1	70.8	33.6	13.6	-16.9	-18.9	0.1
20:04:00	28 38.6	-96 42.6	-11.7	-116.1	116.6	487	184.9	2.0	-1.0	250.6	70.8	33.9	12.9	16.1	16.1	0.0
20:04:00	28 42.7	-96 41.2	-11.2	-115.8	116.3	496	0.0	24

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
20:08:30	28 30.4	-96 47.8	4.8	106.4	106.5	-2*	5.9*	3.3	31.3	959.2	64.6	33.3	14.6	-16.9	-18.9	0.2
20:08:30	28 26.9	-96 50.0	3.9	106.1	106.2	480	5.8*	3.1	31.1	250.6	64.6	33.6	14.1	15.8	15.8	0.0
20:08:30	28 30.9	-96 48.4	-0.5	106.9	106.9	485	0.1	35.5	-8.0	66.7	71.5	50.0	29.5	17.9	17.9	8.0
20:08:29	28 31.0	-96 48.5	427.3	444.0	10348*	484	33.1	-4.5	-0.6	64.9	69.8	0.0	197.7	4.9	91.6	198.1
20:09:00	28 31.4	-96 46.5	104.1	-0.7	104.1	-2*	90.4*	3.5	22.8	959.9	64.1	33.1	14.6	-16.9	-18.9	0.2
20:09:00	28 27.9	-96 48.7	103.1	-1.1	103.1	476	90.7*	3.4	22.6	250.6	64.1	33.5	14.2	15.9	15.9	0.0
20:09:00	28 32.0	-96 47.2	103.6	2.5	103.6	480	0.0	30.5	-9.8	65.9	70.6	50.0	29.6	18.1	18.1	8.0
20:08:59	28 32.0	-96 47.2	427.2	444.0	10348*	483	33.0	-6.5	-1.4	64.4	68.7	0.0	196.9	86.9	93.3	197.4
20:09:30	28 30.5	-96 45.0	38.2	-101.1	108.0	-2*	160.0*	2.0	23.4	958.8	62.6	33.0	14.8	-16.9	-18.9	0.2
20:09:30	28 27.0	-96 47.2	37.1	-101.5	108.0	484	159.9*	1.9	23.2	250.6	62.6	33.3	14.4	16.6	16.6	0.0
20:09:30	28 31.1	-96 45.7	40.8	-99.8	107.8	495	0.1	30.2	-9.5	64.2	69.0	50.0	30.0	18.6	18.6	7.8
20:09:29	28 31.1	-96 45.7	427.6	444.3	10348*	496	37.4	-9.7	-2.1	62.9	66.8	0.0	194.7	156.3	87.3	195.3
20:10:00	28 28.7	-96 45.1	-25.5	-108.0	110.9	-2*	193.8*	2.3	7.8	959.6	66.2	33.2	14.2	-16.9	-18.9	0.2
20:10:00	28 25.2	-96 47.3	-26.6	-108.4	111.6	488	193.7*	2.1	7.6	250.6	66.3	33.6	13.7	16.6	16.6	0.0
20:10:00	28 29.3	-96 45.7	-24.8	-108.4	111.2	490	0.1	26.7	-12.2	67.6	72.9	50.0	29.0	18.6	18.6	8.2
20:09:59	28 29.3	-96 45.7	426.7	443.4	10348*	492	34.7	-12.4	-3.2	66.5	71.1	0.0	200.2	191.6	89.4	200.3
20:10:30	28 27.0	-96 45.8	-32.9	-109.3	114.1	-2*	194.7*	3.1	-16.6	961.1	69.2	33.6	13.9	-16.9	-18.9	0.2
20:10:30	28 23.5	-96 48.1	-34.0	-109.6	114.8	480	194.9*	2.9	-16.7	250.6	69.2	33.9	13.3	14.5	14.5	0.0
20:10:30	28 27.6	-96 46.5	-35.5	-108.9	114.6	488	0.1	25.6	-13.6	70.6	75.9	50.0	28.2	17.1	17.1	8.4
20:10:29	28 27.6	-96 46.5	426.2	442.9	10348*	484	37.4	-9.8	-2.5	69.5	72.8	0.0	204.4	192.9	90.2	204.2
20:11:00	28 25.2	-96 45.8	10.9	-111.0	111.5	-2*	173.2	2.5	-0.7	960.3	66.1	33.2	14.2	-16.9	-18.9	0.2
20:11:00	28 21.7	-96 48.1	9.8	-111.4	111.8	488	173.1	2.3	-0.9	250.6	66.1	33.5	13.7	15.7	15.7	0.0
20:11:00	28 25.8	-96 46.5	10.4	-111.1	111.6	485	0.1	23.5	-13.5	67.7	72.5	50.0	29.1	17.7	17.7	8.2
20:10:59	28 25.8	-96 46.5	426.7	443.4	10348*	488	35.1	-7.9	-1.9	66.4	69.7	0.0	199.9	170.9	88.6	200.1
20:11:30	28 23.4	-96 45.6	10.3	-111.6	112.1	-2*	172.8	2.4*	-0.1	959.6	69.2	33.3	13.6	-16.9	-18.9	0.2
20:11:30	28 19.9	-96 47.9	9.2	-112.0	112.4	494	172.6	2.2*	-0.2	250.6	69.2	33.7	13.0	15.6	15.6	0.0
20:11:30	28 24.0	-96 46.3	10.0	-112.0	112.4	494	0.1	24.5	-13.9	70.4	75.7	50.0	28.2	17.8	17.8	8.5
20:11:29	28 24.0	-96 46.3	425.8	442.5	10348*	494	28.7	-10.9	-2.7	69.5	73.2	0.0	204.5	168.9	92.3	204.1
20:12:00	28 21.7	-96 45.4	19.0	-106.0	107.7	-2*	168.0*	-0.6	-8.2*	976.9	65.5	34.3	15.4	-16.9	-18.9	0.2
20:12:00	28 18.1	-96 47.7	17.9	-106.4	107.9	338	167.8*	-0.8	-8.3*	250.6	65.6	34.6	14.9	15.9	15.9	0.0
20:12:00	28 22.2	-96 46.1	17.7	-106.4	107.8	337	0.1	24.4	-12.6	66.8	71.5	50.0	29.2	17.9	17.9	7.6
20:11:59	28 22.2	-96 46.1	428.4	445.2	10348*	341	28.7	-7.0	-2.3	65.9	69.0	0.0	199.1	166.1	91.7	199.7
20:12:30	28 20.0	-96 45.0	27.3	-102.1	105.7	-1*	164.3	1.5*	0.4*	996.1	63.0	35.6	17.3	-16.9	-18.9	0.2
20:12:30	28 16.4	-96 47.3	26.2	-102.5	105.8	159	164.5	1.3*	0.2*	250.6	63.0	36.0	16.8	16.0	16.0	0.0
20:12:30	28 20.5	-96 45.7	27.1	-102.2	105.7	162	0.1	37.8	-6.4	64.7	69.7	50.0	29.9	18.6	18.6	6.6
20:12:29	28 20.5	-96 45.7	431.1	448.1	10348*	162	29.3	-8.3	-2.0	63.3	67.4	0.0	195.3	162.3	90.9	196.8
20:13:00	28 18.3	-96 44.5	29.5	-105.0	109.1	-2*	162.1	4.9	9.0*	977.8	67.6	34.2	14.8	-16.9	-18.9	0.2
20:13:00	28 14.7	-96 46.8	28.4	-105.5	109.2	323	162.0	4.7	8.8*	250.6	67.6	34.5	14.2	16.9	16.9	0.0
20:13:00	28 18.9	-96 45.2	30.0	-104.7	108.9	320	0.1	20.6	-14.9	71.1	74.3	50.0	28.7	19.5	19.5	7.9
20:12:59	28 18.8	-96 45.2	427.5	444.2	10348*	322	29.0	12.1	2.9	67.9	71.9	0.0	202.2	161.8	93.2	202.4

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
20:13:30	28 16.5	-96 44.3	1.2	-112.6	112.6	-2*	177.9	5.8	-0.2	958.9	69.1	33.0	13.3	-16.9	-18.9	0.2
20:13:30	28 12.9	-96 46.7	0.1	-113.0	113.0	500	177.7	5.6	-0.4	250.6	69.2	33.3	12.7	16.1	16.1	0.0
20:13:30	28 17.0	-96 45.0	0.7	-112.8	112.8	498	0.1	22.3	-15.0	71.2	76.2	50.0	28.2	18.2	18.2	8.7
20:13:29	28 17.0	-96 45.0	425.3	441.9	10348*	498	28.8	-8.0	-2.1	69.4	73.2	0.0	204.4	175.0	91.2	203.9
20:14:00	28 14.7	-96 44.3	2.2	-112.5	112.5	-2*	177.4	5.7	-0.3	936.1	65.9	30.8	12.1	-16.9	-18.9	0.2
20:14:00	28 11.1	-96 46.7	1.1	-112.9	112.9	712	177.2	5.5	-0.4	250.6	66.0	31.1	11.5	15.9	15.9	0.0
20:14:00	28 15.2	-96 45.0	1.7	-112.6	112.6	707	0.1	21.9	-14.1	67.8	72.7	50.0	29.1	18.3	18.3	9.5
20:13:59	28 15.2	-96 45.0	423.4	440.0	10348*	710	28.6	-9.7	-2.5	66.2	69.9	0.0	199.7	174.1	86.5	199.1
20:14:30	28 12.8	-96 44.2	2.1	-113.5	113.6	-2*	177.7	4.0*	-1.0*	915.0	65.0	28.9	10.5	-16.9	-18.9	0.2
20:14:30	28 9.2	-96 46.7	1.0	-114.0	114.0	914	177.9	3.8*	-1.1*	250.6	65.0	29.2	9.9	15.2	15.2	0.0
20:14:30	28 13.4	-96 45.0	1.5	-113.5	113.5	907	0.1	16.4	-16.1	66.6	71.3	50.0	29.4	17.2	17.2	10.6
20:14:29	28 13.4	-96 45.0	421.0	437.5	10348*	912	28.2	-10.8	-3.6	65.2	68.6	0.0	198.2	174.3	83.7	197.2
20:15:00	28 11.0	-96 44.2	4.0	-113.5	113.6	-2*	176.7	-0.2	-2.7	922.1	65.6	29.4	10.8	-16.9	-18.9	0.2
20:15:00	28 7.4	-96 46.6	3.0	-114.0	114.0	844	176.6	-0.4	-2.8	250.6	65.6	29.7	10.3	14.1	14.1	0.0
20:15:00	28 11.5	-96 44.9	3.5	-113.8	113.8	851	0.0	26.8	-11.6	66.1	71.4	50.0	29.2	16.3	16.3	10.4
20:14:59	28 11.5	-96 44.9	421.5	438.0	10348*	847	28.7	-13.5	-3.6	65.8	69.1	0.0	199.1	173.0	84.3	198.1
20:15:30	28 9.2	-96 44.1	8.6	-110.0	110.3	-2*	174.1	-0.2	-2.7	940.8	63.9	30.5	12.3	-16.9	-18.9	0.2
20:15:30	28 5.5	-96 46.5	7.5	-110.4	110.7	670	173.9	-0.3	-2.9	250.6	63.9	30.9	11.8	15.8	15.8	0.0
20:15:30	28 9.7	-96 44.8	8.1	-110.2	110.5	677	0.1	27.6	-10.6	64.5	69.7	50.0	29.7	17.7	17.7	9.4
20:15:29	28 9.7	-96 44.8	423.7	440.3	10348*	672	34.0	-13.3	-3.4	64.1	67.2	0.0	196.6	170.2	85.8	196.3
20:16:00	28 7.4	-96 43.9	15.2	-107.4	108.5	-2*	170.0	-0.2	-3.0	960.2	61.3	32.0	14.2	-16.9	-18.9	0.2
20:16:00	28 3.8	-96 46.3	14.2	-107.9	108.8	489	169.8	-0.3	-3.1	250.6	61.4	32.3	13.8	15.9	15.9	0.0
20:16:00	28 7.9	-96 44.6	14.5	-107.6	108.6	492	0.1	29.9	-8.9	62.5	67.2	50.0	30.4	17.7	17.7	8.2
20:15:59	28 7.9	-96 44.6	426.6	443.3	10348*	491	28.3	-8.4	-1.8	61.6	64.9	0.0	192.7	166.6	84.5	193.3
20:16:30	28 5.7	-96 43.5	20.6	-104.9	106.9	-2*	166.2*	-0.1	6.8*	979.7	63.1	33.2	15.0	-16.9	-18.9	0.2
20:16:30	28 2.0	-96 46.0	19.7	-105.3	107.2	309	166.3*	-0.3	6.5*	250.6	63.1	33.5	14.5	17.0	17.0	0.0
20:16:30	28 6.2	-96 44.3	21.0	-104.9	107.0	314	0.0	28.9	-9.8	64.9	69.1	50.0	29.9	19.0	19.0	7.8
20:16:29	28 6.2	-96 44.3	427.7	444.5	10348*	312	28.3	0.6	-0.1	63.4	66.9	0.0	195.4	162.9	89.1	196.1
20:17:00	28 3.9	-96 43.5	2.5	-106.6	106.6	-2*	176.3	6.1*	-0.2	996.1	63.5	34.1	15.7	-16.9	-18.9	0.2
20:17:00	28 0.3	-96 46.0	1.5	-107.1	107.1	154	176.2	5.9*	-0.4	250.6	63.5	34.4	15.2	17.7	17.7	0.0
20:17:00	28 4.5	-96 44.2	2.0	-106.5	106.5	153	0.0	41.6	-5.3	66.3	71.2	50.0	29.8	19.9	19.9	7.4
20:16:59	28 4.5	-96 44.2	428.8	445.6	10348*	154	28.4	-4.0	-0.9	63.7	68.5	0.0	196.0	173.4	90.3	196.8
20:17:30	28 2.2	-96 43.4	-1.7	-113.4	113.5	-2*	178.2	5.9	0.5*	978.2	69.3	33.5	13.8	-16.9	-18.9	0.2
20:17:30	27 58.5	-96 46.0	-2.7	-113.9	114.0	320	178.0	5.7	0.4*	250.6	69.3	33.8	13.1	16.9	16.9	0.0
20:17:30	28 2.7	-96 44.2	-2.2	-113.6	113.6	312	0.1	22.9	-14.9	72.2	76.4	50.0	28.2	19.0	19.0	8.5
20:17:29	28 2.7	-96 44.2	425.9	442.6	10348*	319	28.2	2.5	0.8	69.7	73.7	0.0	204.6	176.1	90.7	204.3
20:18:00	28 0.3	-96 43.5	-7.2	-116.7	116.9	-2*	180.9	5.0	-0.7	956.8	70.4	32.2	12.3	-16.9	-18.9	0.2
20:18:00	27 56.7	-96 46.0	-8.1	-117.2	117.4	518	180.7	4.8	-0.8	250.6	70.5	32.5	11.6	15.2	15.2	0.0
20:18:00	28 0.9	-96 44.3	-7.7	-116.7	117.0	512	0.1	20.3	-16.4	72.8	77.5	50.0	27.9	17.2	17.2	9.4
20:17:59	28 0.8	-96 44.3	423.8	440.3	10348*	517	28.2	-4.0	-1.3	70.8	74.7	0.0	206.2	177.4	88.5	205.3

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
20:18:30	27 58.4	-96 43.6	-5.6	-119.5	119.6	-2*	181.0	5.0	-0.7	936.9	72.8	31.1	10.8	-16.9	-18.9	0.1
20:18:30	27 54.7	-96 46.2	-6.5	-120.0	120.2	701	181.2	4.8	-0.8	250.6	72.9	31.4	10.0	14.6	14.6	0.0
20:18:30	27 58.9	-96 44.4	-6.0	-119.6	119.8	693	0.0	19.1	-17.7	74.7	80.0	50.0	27.3	16.9	16.9	10.4
20:18:29	27 58.9	-96 44.4	421.5	437.9	10348*	700	27.9	-9.0	-3.0	73.1	77.1	0.0	209.6	177.6	88.3	207.9
20:19:00	27 56.5	-96 43.7	-4.6	-120.7	120.8	-2*	180.8	5.0	-0.8	916.2	73.5	29.6	9.1	-16.9	-18.9	0.1
20:19:00	27 52.8	-96 46.3	-5.5	-121.2	121.4	897	180.7	4.8	-0.9	250.6	73.5	29.8	8.4	14.5	14.5	0.0
20:19:00	27 57.0	-96 44.5	-5.1	-120.9	121.0	887	0.1	18.5	-18.1	75.3	80.7	50.0	27.1	17.0	17.0	11.7
20:18:59	27 57.0	-96 44.5	419.1	435.4	10348*	895	27.7	-10.4	-3.5	73.7	77.8	0.0	210.6	177.7	87.3	208.2
20:19:30	27 54.6	-96 43.8	-11.6	-110.3	110.9	-2*	185.0	1.1	0.7	919.2	61.3	28.4	10.9	-16.9	-18.9	0.2
20:19:30	27 50.9	-96 46.4	-12.5	-110.9	111.6	869	184.8	0.9	0.5	250.6	61.4	28.8	10.5	15.5	15.5	0.0
20:19:30	27 55.1	-96 44.6	-11.6	-110.7	111.3	870	0.1	29.8	-8.8	62.3	67.1	50.0	30.4	17.4	17.4	10.3
20:19:29	27 55.1	-96 44.6	421.7	438.1	10348*	871	27.6	-10.8	-2.5	61.6	65.0	0.0	192.8	181.6	81.1	192.1
20:20:00	27 52.8	-96 44.0	-6.5	-107.9	108.1	-2*	181.7	0.4	-1.5	934.0	59.0	29.4	12.4	-16.9	-18.9	0.2
20:20:00	27 49.1	-96 46.6	-7.4	-108.4	108.7	730	181.5	0.3	-1.6	250.6	59.0	29.7	12.0	14.3	14.3	0.0
20:20:00	27 53.3	-96 44.8	-6.8	-108.0	108.2	738	0.0	30.5	-7.8	60.1	64.7	50.0	31.0	16.3	16.3	9.3
20:19:59	27 53.3	-96 44.8	423.9	440.4	10348*	733	27.7	-9.5	-2.4	59.2	62.5	0.0	189.0	178.0	80.9	189.1
20:20:30	27 51.1	-96 44.1	-2.4	-108.9	108.9	-2*	178.9	0.4	-1.5	950.5	61.5	30.8	13.1	-16.9	-18.9	0.2
20:20:30	27 47.4	-96 46.7	-3.2	-109.4	109.5	577	179.1	0.3	-1.7	250.6	61.5	31.1	12.7	13.5	13.5	0.0
20:20:30	27 51.6	-96 44.9	-2.7	-109.0	109.0	582	0.0	29.5	-9.1	62.7	67.3	50.0	30.3	15.7	15.7	8.9
20:20:29	27 51.6	-96 44.9	424.9	441.6	10348*	579	27.9	-8.6	-1.8	61.8	65.1	0.0	192.9	174.7	84.1	193.1
20:21:00	27 49.3	-96 44.1	-2.6	-109.0	109.1	-2*	178.6	0.4	-1.1	966.2	62.4	31.5	13.5	-16.9	-18.9	0.2
20:21:00	27 45.6	-96 46.8	-3.4	-109.6	109.6	434	178.5	0.3	-1.3	250.6	62.4	31.8	13.0	15.2	15.2	0.0
20:21:00	27 49.8	-96 44.9	-2.9	-109.2	109.2	434	0.1	28.8	-9.7	63.6	68.3	50.0	30.1	17.1	17.1	8.6
20:20:59	27 49.8	-96 44.9	425.5	442.2	10348*	436	27.8	-8.8	-2.1	62.7	66.0	0.0	194.4	173.8	85.6	194.6
20:21:30	27 47.5	-96 44.2	-0.6	-108.8	108.8	-2*	178.6	0.4	-1.8	982.0	63.3	31.7	13.5	-16.9	-18.9	0.2
20:21:30	27 43.8	-96 46.8	-1.4	-109.3	109.3	290	178.4	0.2	-1.9	250.6	63.4	32.1	13.0	18.6	18.6	0.0
20:21:30	27 48.0	-96 45.0	-0.9	-108.9	108.9	301	0.0	28.4	-10.2	64.7	69.4	50.0	29.8	20.2	20.2	8.6
20:21:29	27 48.0	-96 45.0	425.6	442.3	10348*	293	27.8	-7.2	-1.8	63.7	67.1	0.0	195.8	175.7	87.0	195.9
20:22:00	27 45.8	-96 44.1	0.9	-108.1	108.1	-1*	178.2	0.5*	-1.3	997.2	63.9	32.7	14.3	-16.9	-18.9	0.2
20:22:00	27 42.0	-96 46.8	0.1	-108.6	108.6	154	178.0	0.3*	-1.4	250.6	63.9	33.0	13.8	20.8	20.8	0.0
20:22:00	27 46.3	-96 45.0	0.7	-108.2	108.2	158	0.1	29.4	-10.0	65.0	70.0	50.0	29.7	21.4	21.4	8.2
20:21:59	27 46.3	-96 45.0	426.7	443.4	10348*	156	28.0	-10.2	-2.4	64.2	67.6	0.0	196.6	175.1	88.8	197.0
20:22:30	27 44.0	-96 44.1	2.4	-110.8	110.8	-2*	175.9	4.6	0.9	975.6	65.2	32.3	13.6	-16.9	-18.9	0.2
20:22:30	27 40.3	-96 46.8	1.7	-111.4	111.4	348	176.1	4.5	0.7	250.6	65.3	32.6	13.1	15.9	15.9	0.0
20:22:30	27 44.5	-96 45.0	2.4	-110.7	110.7	343	0.0	23.6	-13.2	67.4	72.1	50.0	29.3	17.7	17.7	8.5
20:22:29	27 44.5	-96 45.0	425.7	442.4	10348*	347	27.9	-7.2	-1.5	65.6	69.2	0.0	198.7	171.3	88.2	198.7
20:23:00	27 42.2	-96 44.1	1.1	-113.9	113.9	-2*	177.5	5.7	-0.8	953.3	67.7	31.3	12.1	-16.9	-18.9	0.2
20:23:00	27 38.4	-96 46.8	0.4	-114.4	114.4	553	177.4	5.5	-1.0	250.6	67.7	31.6	11.5	16.7	16.7	0.0
20:23:00	27 42.7	-96 44.9	0.9	-114.0	114.0	543	0.1	21.3	-15.1	69.7	74.7	50.0	28.6	18.8	18.8	9.5
20:22:59	27 42.7	-96 44.9	423.5	440.0	10348*	549	27.8	-9.5	-2.6	68.0	71.8	0.0	202.3	173.8	87.6	201.5

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
20:23:30	27 40.3	-96 44.1	1.7	-115.4	115.4	24*	177.5	5.7	-0.8	930.7	67.9	29.5	10.4	-16.9	-18.9	0.2
20:23:30	27 36.6	-96 46.8	1.0	-116.0	116.0	761	177.4	5.5	-0.9	250.6	68.0	29.8	9.7	16.8	16.8	0.0
20:23:30	27 40.8	-96 44.9	1.5	-115.5	115.5	753	0.0	21.0	-15.2	69.7	74.8	50.0	28.6	18.5	18.5	10.7
20:23:29	27 40.8	-96 44.9	420.9	437.3	10348*	759	27.6	-11.7	-3.2	68.2	72.0	0.0	202.6	173.6	85.8	201.2
20:24:00	27 38.4	-96 44.0	-0.1	-114.3	114.3	-2*	178.0	2.1*	0.0*	910.5	65.1	28.0	9.6	-16.9	-18.9	0.2
20:24:00	27 34.7	-96 46.8	-0.7	-114.9	114.9	956	177.9	2.0*	-0.2*	250.6	65.1	28.3	9.1	15.0	15.0	0.0
20:24:00	27 38.9	-96 44.9	0.1	-114.8	114.8	955	0.1	18.0	-15.2	65.7	70.8	50.0

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
20:28:30	27 30.2	-96 54.3	-114.4	-15.5	115.4	-2*	265.0	6.0	-0.7	918.6	64.8	28.3	9.9	-16.9	-18.9	0.2
20:28:30	27 26.3	-96 57.1	-114.6	-16.0	115.7	875	264.9	5.8	-0.9	250.6	64.8	28.6	9.4	16.6	16.6	0.0
20:28:30	27 30.6	-96 55.1	-114.4	-15.5	115.5	869	0.0	22.7	-13.3	66.6	71.4	50.0	29.4	18.6	18.6	11.1
20:28:29	27 30.6	-96 55.1	420.2	436.6	10348*	875	27.3	-11.6	-2.8	65.0	68.7	0.0	198.0	266.8	81.1	196.7
20:29:00	27 29.9	-96 56.3	-111.2	-13.4	112.0	-2*	265.9	-1.7	-1.8	916.8	60.9	27.6	10.2	-16.9	-18.9	0.2
20:29:00	27 26.1	-96 59.1	-111.4	-13.9	112.2	892	265.7	-1.9	-1.9	250.6	60.9	27.9	9.8	16.2	16.2	0.0
20:29:00	27 30.4	-96 57.2	-110.9	-13.3	111.7	897	0.1	29.7	-8.7	61.6	66.4	50.0	30.5	18.0	18.0	10.8
20:28:59	27 30.4	-96 57.2	420.6	437.0	10348*	896	27.4	-12.3	-2.8	61.1	64.3	0.0	192.0	267.7	78.5	191.2
20:29:30	27 29.8	-96 58.4	-116.4	-4.2	116.5	-3*	270.8	-0.4	-1.0	942.4	69.5	30.3	10.8	-16.9	-18.9	0.2
20:29:30	27 25.9	-97 1.2	-116.6	-4.8	116.7	649	270.6	-0.6	-1.2	250.6	69.5	30.6	10.1	17.5	17.5	0.0
20:29:30	27 30.2	-96 59.2	-116.5	-4.3	116.5	651	0.0	25.1	-13.7	70.5	75.7	50.0	28.1	19.0	19.0	10.4
20:29:29	27 30.2	-96 59.3	421.5	438.0	10348*	652	27.8	-10.0	-1.9	69.8	73.4	0.0	204.9	273.4	86.9	203.5
20:30:00	27 29.7	-97 0.5	-114.8	-3.6	114.8	-2*	271.1	-0.5	-1.1	960.7	67.8	31.5	12.3	-16.9	-18.9	0.2
20:30:00	27 25.9	-97 3.3	-114.9	-4.1	115.0	482	271.3	-0.6	-1.3	250.6	67.8	31.8	11.7	17.8	17.8	0.0
20:30:00	27 30.2	-97 1.4	-114.7	-3.6	114.8	478	0.1	26.7	-12.4	68.9	74.0	50.0	28.6	19.2	19.2	9.4
20:29:59	27 30.2	-97 1.4	423.8	440.3	10348*	484	27.8	-8.6	-2.3	68.1	71.5	0.0	202.4	273.9	86.7	201.7
20:30:30	27 29.7	-97 2.6	-114.4	-3.0	114.5	-2*	271.4	-0.5	-1.3	979.8	66.6	32.1	13.1	-16.9	-18.9	0.2
20:30:30	27 25.8	-97 5.4	-114.5	-3.6	114.6	308	271.3	-0.6	-1.4	250.6	66.6	32.4	12.5	17.9	17.9	0.0
20:30:30	27 30.1	-97 3.4	-114.3	-3.0	114.3	304	0.0	27.0	-11.9	67.9	72.8	50.0	28.9	19.6	19.6	8.9
20:30:29	27 30.1	-97 3.5	424.9	441.6	10348*	311	28.0	-6.9	-1.6	66.9	70.5	0.0	200.7	274.7	85.7	200.4
20:31:00	27 29.6	-97 4.7	-112.0	-2.1	112.0	-2*	271.6	1.5*	-1.0*	997.0	66.7	32.6	13.5	-16.9	-18.9	0.2
20:31:00	27 25.7	-97 7.5	-112.0	-2.7	112.1	152	271.4	1.1*	-0.7*	250.6	66.7	32.9	12.9	21.6	21.6	0.0
20:31:00	27 30.1	-97 5.5	-111.9	-2.2	112.0	148	0.1	30.1	-10.7	68.4	73.3	50.0	28.9	22.3	22.3	8.6
20:30:59	27 30.1	-97 5.5	425.6	442.2	10348*	154	28.1	-5.7	-1.1	67.1	71.2	0.0	200.9	274.6	88.8	200.7
20:31:30	27 29.6	-97 6.7	-110.6	-4.0	110.6	-2*	271.0	6.1	-0.5	971.4	60.5	31.6	14.1	-16.9	-18.9	0.1
20:31:30	27 25.7	-97 9.5	-110.6	-4.5	110.7	386	270.8	5.9	-0.7	250.6	60.5	31.9	13.7	17.1	17.1	0.0
20:31:30	27 30.0	-97 7.5	-110.2	-3.9	110.3	379	0.1	23.3	-11.7	62.6	67.1	50.0	30.6	18.6	18.6	8.3
20:31:29	27 30.0	-97 7.5	426.5	443.2	10348*	384	28.0	-8.2	-2.0	60.7	64.3	0.0	191.4	273.9	81.3	192.0
20:32:00	27 29.5	-97 8.7	-114.2	-1.8	114.2	-2*	272.3	5.9	-0.3	949.8	66.9	30.8	11.8	-16.9	-18.9	0.1
20:32:00	27 25.6	-97 11.5	-114.2	-2.4	114.2	584	272.5	5.7	-0.4	250.6	66.9	31.1	11.2	17.7	17.7	0.0
20:32:00	27 30.0	-97 9.5	-114.0	-1.9	114.0	574	0.0	21.7	-14.6	68.8	73.9	50.0	28.8	19.3	19.3	9.7
20:31:59	27 30.0	-97 9.6	423.1	439.6	10348*	580	28.0	-11.2	-2.9	67.2	71.0	0.0	201.1	275.0	86.1	200.4
20:32:30	27 29.5	-97 10.8	-112.8	-1.1	112.8	-2*	272.6	7.6*	-0.6	924.7	62.5	28.8	10.9	-16.9	-18.9	0.1
20:32:30	27 25.6	-97 13.6	-112.7	-1.7	112.8	819	272.5	7.5*	-0.7	250.6	62.5	29.1	10.5	16.9	16.9	0.0
20:32:30	27 29.9	-97 11.6	-112.7	-1.1	112.7	809	0.1	19.0	-14.2	64.3	69.0	50.0	30.1	18.6	18.6	10.3
20:32:29	27 29.9	-97 11.6	421.7	438.2	10348*	815	27.7	-12.0	-3.2	62.6	66.3	0.0	194.5	274.8	80.5	193.8
20:33:00	27 29.5	-97 12.8	-108.5	0.3	108.5	-2*	273.4	1.7	-1.8	911.4	56.8	27.1	10.7	-16.9	-18.9	0.2
20:33:00	27 25.6	-97 15.6	-108.4	-0.3	108.4	944	273.2	1.5	-2.0	250.6	56.8	27.5	10.5	15.8	15.8	0.0
20:33:00	27 29.9	-97 13.7	-108.4	0.4	108.4	948	0.1	31.1	-6.9	57.6	62.3	50.0	31.7	17.6	17.6	10.4
20:32:59	27 29.9	-97 13.7	421.5	437.9	10348*	945	27.6	-12.7	-3.2	57.0	60.2	0.0	185.6	275.5	76.8	185.3

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
20:33:30	27 29.5	-97 14.8	-110.7	0.7	110.7	-2*	273.3	0.3	-1.6	927.7	61.1	28.6	11.1	-16.9	-18.9	0.2
20:33:30	27 25.6	-97 17.6	-110.6	0.0	110.6	788	273.1	0.2	-1.7	250.6	61.1	28.9	10.7	16.7	16.7	0.0
20:33:30	27 30.0	-97 15.6	-110.4	0.7	110.4	797	0.1	28.9	-9.2	62.1	66.9	50.0	30.4	18.4	18.4	10.2
20:33:29	27 29.9	-97 15.7	422.0	438.5	10348*	791	27.8	-10.9	-2.3	61.4	64.6	0.0	192.4	275.7	81.0	191.9
20:34:00	27 29.5	-97 16.9	-112.2	0.8	112.2	-2*	273.2	0.5	-1.3	941.9	65.5	30.1	11.5	-16.9	-18.9	0.2
20:34:00	27 25.6	-97 19.6	-112.0	0.1	112.0	654	273.4	0.4	-1.5	250.6	65.6	30.4	10.9	17.4	17.4	0.0
20:34:00	27 30.0	-97 17.7	-111.9	0.8	111.9	664	0.0	26.0	-11.9	66.7	71.6	50.0	29.2	19.2	19.2	9.9
20:33:59	27 30.0	-97 17.7	422.5	439.0	10348*	657	29.2	-9.1	-2.6	65.8	69.2	0.0	199.1	275.8	86.1	198.3
20:34:30	27 29.5	-97 18.9	-112.5	0.1	112.5	-2*	273.2	0.5	-1.4	954.6	65.3	30.7	12.1	-16.9	-18.9	0.2
20:34:30	27 25.6	-97 21.7	-112.3	-0.6	112.3	538	273.1	0.3	-1.5	250.6	65.3	31.0	11.5	18.7	18.7	0.0
20:34:30	27 30.0	-97 19.7	-112.2	0.2	112.2	545	0.1	25.5	-12.2	66.6	71.4	50.0	29.3	19.5	19.5	9.5
20:34:29	27 30.0	-97 19.7	423.4	440.0	10348*	539	28.2	-7.7	-2.1	65.6	69.0	0.0	198.7	276.5	85.7	198.2
20:35:00	27 29.5	-97 21.0	-116.3	0.6	116.3	-2*	272.6	2.9	-0.6	958.3	69.1	31.2	11.7	-16.9	-18.9	0.2
20:35:00	27 25.6	-97 23.8	-116.1	-0.1	116.1	502	272.5	2.7	-0.8	250.6	69.1	31.5	11.0	19.7	19.7	0.0
20:35:00	27 30.0	-97 21.8	-116.0	0.6	116.0	504	0.1	23.2	-14.5	70.8	75.8	50.0	28.3	20.6	20.6	9.8
20:34:59	27 30.0	-97 21.8	422.9	439.4	10348*	502	34.5	-7.9	-1.8	69.4	73.1	0.0	204.3	274.9	87.2	203.3
20:35:30	27 29.6	-97 23.1	-116.4	0.8	116.4	-3*	272.8	1.4*	-0.8	957.5	71.5	31.6	11.5	-16.9	-18.9	0.2
20:35:30	27 25.6	-97 25.9	-116.2	0.2	116.2	511	272.6	1.3*	-0.9	250.6	71.5	31.9	10.8	19.7	19.7	0.0
20:35:30	27 30.0	-97 23.9	-116.0	0.8	116.0	518	0.1	17.0	-18.0	73.0	78.1	50.0	27.6	20.5	20.5	9.9
20:35:29	27 30.0	-97 23.9	422.6	439.1	10348*	512	33.6	-10.4	-3.5	71.7	75.6	0.0	207.8	274.5	90.1	206.4
20:36:00	27 29.6	-97 25.3	-118.2	1.5	118.2	-3*	273.2	1.2	-0.4*	959.4	72.3	32.3	12.0	-16.9	-18.9	0.2
20:36:00	27 25.6	-97 28.0	-118.0	0.8	118.0	491	273.4	1.0	-0.5*	250.6	72.3	32.6	11.2	19.7	19.7	0.0
20:36:00	27 30.0	-97 26.0	-117.8	1.3	117.9	499	0.1	18.2	-17.8	73.2	79.1	50.0	27.4	20.8	20.8	9.6
20:35:59	27 30.0	-97 26.1	423.3	439.8	10348*	493	33.0	-17.3	-5.0	72.5	77.1	0.0	208.9	273.6	89.4	207.6
20:36:30	27 29.6	-97 27.4	-119.3	1.9	119.4	-2*	273.5	1.9	-1.4	959.9	73.9	32.5	11.8	-16.9	-18.9	0.2
20:36:30	27 25.6	-97 30.2	-119.0	1.3	119.1	487	273.4	1.8	-1.5	250.6	73.9	32.8	11.0	18.5	18.5	0.0
20:36:30	27 30.0	-97 28.2	-118.9	1.8	118.9	500	0.1	18.9	-18.0	75.1	80.8	50.0	27.0	19.9	19.9	9.7
20:36:29	27 30.0	-97 28.2	423.1	439.6	10348*	489	32.5	-13.4	-3.9	74.0	77.7	0.0	211.1	275.2	90.4	209.7
20:37:00	27 29.6	-97 29.6	-119.8	1.9	119.9	-2*	273.2	2.1	-1.5	959.9	74.2	32.5	11.7	-16.9	-18.9	0.2
20:37:00	27 25.6	-97 32.3	-119.5	1.3	119.5	486	273.0	1.9	-1.6	250.6	74.2	32.8	10.9	18.2	18.2	0.0
20:37:00	27 30.1	-97 30.4	-119.4	2.0	119.4	496	0.1	22.1	-16.7	75.5	81.2	50.0	26.9	19.8	19.8	9.7
20:36:59	27 30.1	-97 30.4	423.0	439.5	10348*	488	36.0	-12.2	-3.5	74.5	78.3	0.0	211.5	274.6	90.3	210.0
20:37:30	27 29.7	-97 31.8	-119.6	1.5	119.6	-2*	272.6	2.0	-1.2	959.6	74.0	32.4	11.7	-16.9	-18.9	0.2
20:37:30	27 25.6	-97 34.5	-119.3	0.9	119.3	490	272.4	1.8	-1.4	250.6	74.0	32.7	10.9	19.9	19.9	0.0
20:37:30	27 30.1	-97 32.5	-119.2	1.7	119.2	497	0.1	18.9	-18.0	75.9	81.0	50.0	27.0	20.9	20.9	9.7
20:37:29	27 30.1	-97 32.5	422.9	439.5	10348*	489	32.6	-5.7	-1.9	74.3	78.8	0.0	211.2	274.9	90.3	209.8
20:38:00	27 29.7	-97 34.0	-120.3	0.3	120.3	-2*	271.5	2.3	-1.6	960.0	73.8	32.7	12.0	-16.9	-18.9	0.2
20:38:00	27 25.7	-97 36.7	-119.9	-0.4	119.9	484	271.7	2.1	-1.7	250.6	73.8	32.9	11.2	18.2	18.2	0.0
20:38:00	27 30.1	-97 34.7	-119.9	0.5	119.9	496	0.1	18.9	-18.0	75.5	80.7	50.0	27.0	19.4	19.4	9.6
20:37:59	27 30.1	-97 34.7	423.3	439.8	10348*	486	31.9	-6.6	-2.0	74.0	78.1	0.0	211.0	272.9	89.3	209.6

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
20:38:30	27 29.7	-97 36.1	-118.8	-0.6	118.8	-2*	271.2	2.3	-0.7	959.5	73.5	32.9	12.2	-16.9	-18.9	0.2
20:38:30	27 25.6	-97 38.9	-118.4	-1.2	118.4	488	271.1	2.2	-0.8	250.6	73.5	33.1	11.4	17.7	17.7	0.0
20:38:30	27 30.1	-97 36.9	-118.3	-0.5	118.3	500	0.1	19.7	-17.5	75.1	80.4	50.0	27.1	19.4	19.4	9.4
20:38:29	27 30.1	-97 36.9	423.7	440.2	10348*	490	38.3	-7.9	-2.5	73.7	77.6	0.0	210.5	272.4	90.5	209.3
20:39:00	27 29.7	-97 38.3	-120.0	-0.3	120.0	-2*	271.3	2.2	-0.6*	959.6	73.5	32.9	12.3	-16.9	-18.9	0.2
20:39:00	27 25.6	-97 41.0	-119.6	-0.9	119.6	478	271.1	2.1	-0.8*	250.6	73.5	33.2	11.5	18.3	18.3	0.0
20:39:00	27 30.1	-97 39.0	-119.5	-0.0	119.5	496	0.1	21.7	-16.6	75.3	80.3	50.0	27.1	19.6	19.6	9.4
20:38:59	27 30.1	-97 39.1	423.7	440.3	10348*	488	38.3	-5.6	-1.6	73.9	77.2	0.0	210.6	273.0	89.4	209.3
20:39:30	27 29.7	-97 40.5	-119.7	-0.9	119.7	-2*	271.6	2.3	-1.2	959.9	72.3	33.0	12.6	-16.9	-18.9	0.2
20:39:30	27 25.6	-97 43.2	-119.2	-1.5	119.3	481	271.4	2.1	-1.3	250.6	72.4	33.2	11.8	17.3	17.3	0.0
20:39:30	27 30.1	-97 41.2	-119.1	-0.8	119.1	495	0.1	22.0	-16.1	73.7	79.2	50.0	27.4	19.0	19.0	9.2
20:39:29	27 30.1	-97 41.2	424.2	440.8	10348*	486	29.7	-12.2	-3.4	72.6	76.3	0.0	209.0	272.7	88.3	208.0
20:40:00	27 29.6	-97 42.7	-120.3	2.0	120.4	-2*	272.7*	2.4	13.8*	959.7	71.8	32.9	12.6	-16.9	-18.9	0.2
20:40:00	27 25.6	-97 45.4	-119.9	1.4	119.9	479	272.9*	2.2	13.7*	250.6	71.8	33.2	11.9	17.6	17.6	0.0
20:40:00	27 30.1	-97 43.4	-119.9	0.3	119.9	492	0.1	22.7	-15.5	74.0	78.6	50.0	27.5	19.4	19.4	9.1
20:39:59	27 30.1	-97 43.4	424.3	440.9	10348*	485	31.7	0.1	-0.1	72.1	76.4	0.0	208.2	274.4	87.0	207.3
20:40:30	27 30.6	-97 44.3	-39.5	105.3	112.4	-2*	344.3*	1.9	24.2	958.9	69.5	32.9	13.2	-16.9	-18.9	0.2
20:40:30	27 26.6	-97 47.0	-38.9	104.6	111.6	482	344.2*	1.7	24.1	250.6	69.5	33.2	12.6	16.7	16.7	0.0
20:40:30	27 31.1	-97 45.0	-42.6	104.3	112.7	491	0.1	28.4	-12.4	70.8	76.4	50.0	28.1	18.5	18.5	8.8
20:40:29	27 31.1	-97 45.1	425.1	441.8	10348*	488	32.8	-12.2	-2.6	69.8	74.4	0.0	204.9	345.6	92.2	204.4
20:41:00	27 32.4	-97 44.1	30.1	105.1	109.3	-2*	18.7	2.3	0.3	960.0	71.0	33.1	13.0	-16.9	-18.9	0.2
20:41:00	27 28.3	-97 46.8	30.7	104.3	108.8	477	18.6	2.2	0.2	250.6	71.0	33.4	12.3	17.2	17.2	0.0
20:41:00	27 32.8	-97 44.9	30.7	105.4	109.8	485	0.1	20.7	-16.3	72.6	77.6	50.0	27.8	18.7	18.7	8.9
20:40:59	27 32.8	-97 44.9	424.8	441.4	10348*	486	30.7	-7.4	-2.1	71.3	75.0	0.0	207.0	20.9	97.1	206.3
20:41:30	27 34.1	-97 43.5	31.8	104.2	108.9	-2*	19.5	1.4	-0.6*	959.0	72.6	33.4	12.9	-16.9	-18.9	0.2
20:41:30	27 30.0	-97 46.2	32.4	103.4	108.3	485	19.7	1.2	-0.7*	250.6	72.7	33.6	12.1	16.6	16.6	0.0
20:41:30	27 34.5	-97 44.3	32.5	104.3	109.3	493	0.1	22.8	-15.8	74.2	79.4	50.0	27.3	18.1	18.1	9.0
20:41:29	27 34.5	-97 44.3	424.6	441.2	10348*	494	40.6	-8.7	-2.2	72.9	77.6	0.0	209.4	21.4	99.6	208.4
20:42:00	27 35.8	-97 43.0	31.9	104.2	109.0	-2*	20.0	2.6*	-0.9	959.6	72.0	33.5	13.1	-16.9	-18.9	0.2
20:42:00	27 31.6	-97 45.6	32.5	103.4	108.4	475	19.9	2.4*	-1.1	250.6	72.0	33.8	12.4	15.7	15.7	0.0
20:42:00	27 36.2	-97 43.7	32.8	104.4	109.5	482	0.1	31.1	-12.2	74.0	79.2	50.0	27.5	17.7	17.7	8.8
20:41:59	27 36.2	-97 43.7	425.0	441.6	10348*	484	39.7	-4.3	-1.0	72.4	76.4	0.0	208.5	23.3	99.0	207.7
20:42:30	27 37.5	-97 42.4	32.2	104.2	109.1	-2*	20.2	2.4	-1.5	959.8	70.9	33.5	13.4	-16.9	-18.9	0.1
20:42:30	27 33.3	-97 45.0	32.8	103.4	108.5	476	20.0	2.3	-1.7	250.6	70.9	33.7	12.7	15.1	15.1	0.0
20:42:30	27 37.9	-97 43.1	33.1	104.4	109.5	483	0.0	23.6	-14.8	72.4	77.5	50.0	27.8	17.3	17.3	8.7
20:42:29	27 37.9	-97 43.1	425.4	442.1	10348*	486	34.4	-8.0	-1.9	71.2	74.9	0.0	206.9	22.9	97.4	206.3
20:43:00	27 39.1	-97 41.8	34.8	103.3	109.0	-2*	22.1	1.7	-1.0	959.2	69.3	33.3	13.6	-16.9	-18.9	0.1
20:43:00	27 35.0	-97 44.4	35.5	102.5	108.4	479	22.0	1.6	-1.2	250.6	69.4	33.6	12.9	16.2	16.2	0.0
20:43:00	27 39.6	-97 42.5	35.6	103.4	109.3	489	0.0	22.4	-14.9	70.8	75.9	50.0	28.2	18.1	18.1	8.5
20:42:59	27 39.6	-97 42.5	425.7	442.4	10348*	492	40.6	-9.9	-2.7	69.6	73.4	0.0	204.7	24.8	95.6	204.3

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
20:43:30	27 40.8	-97 41.1	36.5	104.3	110.5	-2*	22.5	2.0	-0.1*	959.2	74.7	33.5	12.6	-16.9	-18.9	0.1
20:43:30	27 36.7	-97 43.7	37.2	103.5	109.9	478	22.7	1.8	-0.2*	250.6	74.8	33.8	11.8	17.1	17.1	0.0
20:43:30	27 41.3	-97 41.8	37.2	104.5	111.0	488	0.1	25.3	-15.4	76.6	81.6	50.0	26.7	18.8	18.8	9.2
20:43:29	27 41.3	-97 41.8	424.2	440.8	10348*	489	40.0	-4.7	-1.1	75.2	79.3	0.0	212.3	25.9	100.9	211.1
20:44:00	27 42.5	-97 40.4	36.7	103.6	109.9	-2*	22.6	1.7	-1.2	959.2	72.8	33.3	12.8	-16.9	-18.9	0.1
20:44:00	27 38.3	-97 43.1	37.4	102.8	109.3	475	22.5	1.5	-1.3	250.6	72.8	33.6	12.1	16.5	16.5	0.0
20:44:00	27 42.9	-97 41.1	37.5	103.7	110.3	487	0.0	22.9	-15.8	73.9	79.6	50.0

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
20:48:30	27 57.9	-97 35.1	31.7	104.2	108.9	-2*	19.5	2.6*	-1.2	959.6	72.5	33.4	12.9	-16.9	-18.9	0.1
20:48:30	27 53.6	-97 37.6	32.5	103.4	108.4	474	19.3	1.8	-1.4	250.6	72.5	33.6	12.2	17.3	17.3	0.0
20:48:30	27 58.4	-97 35.6	32.5	104.4	109.4	491	0.0	21.1	-16.6	73.7	79.3	50.0	27.4	19.0	19.0	8.9
20:48:29	27 58.4	-97 35.6	424.7	441.3	10348*	490	37.9	-13.0	-3.6	72.7	76.5	0.0	209.1	20.7	99.5	208.2
20:49:00	27 59.6	-97 34.5	30.6	102.6	107.1	-2*	19.6	2.9	-1.0	959.9	67.6	32.9	13.7	-16.9	-18.9	0.2
20:49:00	27 55.3	-97 37.0	31.3	101.9	106.6	470	19.4	2.7	-1.2	250.6	67.6	33.2	13.0	17.5	17.5	0.0
20:49:00	28 0.1	-97 35.0	31.5	102.8	107.5	491	0.1	24.9	-13.3	69.1	74.1	50.0	28.7	19.2	19.2	8.5
20:48:59	28 0.1	-97 35.0	425.8	442.5	10348*	488	33.6	-8.8	-2.3	67.9	71.8	0.0	202.1	21.9	95.0	201.9
20:49:30	28 1.3	-97 33.9	30.3	104.2	108.5	-2*	18.6	1.9	-1.3	959.7	70.8	33.2	13.1	-16.9	-18.9	0.2
20:49:30	27 57.0	-97 36.4	31.0	103.5	108.0	481	18.8	1.7	-1.4	250.6	70.9	33.4	12.4	17.6	17.6	0.0
20:49:30	28 1.8	-97 34.4	31.1	104.4	108.9	486	0.1	21.5	-15.8	72.3	77.5	50.0	27.8	19.3	19.3	8.8
20:49:29	28 1.8	-97 34.4	425.0	441.6	10348*	491	32.1	-9.9	-2.7	71.1	74.8	0.0	206.8	20.3	97.8	206.2
20:50:00	28 3.0	-97 33.4	30.0	103.7	108.0	-2*	18.9	2.1	-1.6	959.5	70.2	33.2	13.3	-16.9	-18.9	0.2
20:50:00	27 58.6	-97 35.8	30.7	103.0	107.5	478	18.8	2.0	-1.7	250.6	70.2	33.5	12.7	16.9	16.9	0.0
20:50:00	28 3.4	-97 33.9	30.8	103.9	108.4	489	0.1	20.0	-16.3	71.8	76.8	50.0	28.0	18.2	18.2	8.7
20:49:59	28 3.5	-97 33.9	425.3	442.0	10348*	493	35.1	-8.1	-2.5	70.5	74.2	0.0	205.9	21.3	97.6	205.3
20:50:30	28 4.6	-97 32.8	30.5	104.9	109.3	-2*	18.3	1.7	-1.3*	959.4	72.1	33.5	13.1	-16.9	-18.9	0.2
20:50:30	28 0.3	-97 35.3	31.2	104.2	108.8	472	18.1	1.5	-1.4*	250.6	72.2	33.7	12.4	17.1	17.1	0.0
20:50:30	28 5.1	-97 33.3	31.3	105.1	109.6	491	0.1	21.0	-16.4	73.6	78.8	50.0	27.4	19.0	19.0	8.8
20:50:29	28 5.2	-97 33.3	425.0	441.6	10348*	493	33.6	-8.8	-2.4	72.3	75.1	0.0	208.6	19.7	98.7	207.9
20:51:00	28 6.3	-97 32.3	30.1	104.2	108.4	-2*	18.2	2.0	-0.5	959.6	70.8	33.2	13.2	-16.9	-18.9	0.2
20:51:00	28 2.0	-97 34.7	30.8	103.5	108.0	469	18.1	1.9	-0.7	250.6	70.8	33.5	12.5	16.9	16.9	0.0
20:51:00	28 6.8	-97 32.7	31.0	104.3	108.8	487	0.1	21.2	-15.8	72.8	77.5	50.0	27.8	18.7	18.7	8.8
20:50:59	28 6.9	-97 32.7	425.0	441.7	10348*	490	36.9	-3.2	-1.0	71.1	74.6	0.0	206.8	20.7	97.8	206.1
20:51:30	28 8.1	-97 31.7	30.7	105.9	110.3	-2*	18.2	2.2	-1.2	960.0	74.0	33.6	12.8	-16.9	-18.9	0.2
20:51:30	28 3.7	-97 34.1	31.4	105.2	109.8	464	18.4	2.0	-1.4	250.6	74.0	33.9	12.0	16.5	16.5	0.0
20:51:30	28 8.6	-97 32.2	31.6	106.1	110.7	486	0.1	21.6	-16.9	75.7	80.9	50.0	26.9	18.3	18.3	9.0
20:51:29	28 8.6	-97 32.2	424.6	441.2	10348*	486	34.8	-7.2	-2.1	74.3	78.3	0.0	211.3	20.0	100.1	210.2
20:52:00	28 9.8	-97 31.2	30.3	106.4	110.7	-2*	18.3	1.6	-0.5	959.5	70.9	33.4	13.3	-16.9	-18.9	0.2
20:52:00	28 5.4	-97 33.6	31.0	105.7	110.2	476	18.1	1.4	-0.6	250.6	70.9	33.7	12.6	17.6	17.6	0.0
20:52:00	28 10.3	-97 31.6	30.9	106.6	111.0	493	0.1	19.4	-16.8	72.4	77.6	50.0	27.8	19.0	19.0	8.7
20:51:59	28 10.3	-97 31.6	425.2	441.9	10348*	493	33.9	-10.5	-3.0	71.2	75.1	0.0	206.9	19.8	95.7	206.3
20:52:30	28 11.5	-97 30.6	30.6	106.6	110.9	-2*	18.8	2.5	-1.0	960.3	69.1	33.2	13.6	-16.9	-18.9	0.2
20:52:30	28 7.1	-97 33.0	31.2	106.0	110.5	465	18.6	2.3	-1.1	250.6	69.1	33.5	12.9	17.6	17.6	0.0
20:52:30	28 12.0	-97 31.0	31.2	106.9	111.4	486	0.0	23.0	-14.6	70.4	75.7	50.0	28.3	19.4	19.4	8.6
20:52:29	28 12.0	-97 31.0	425.7	442.3	10348*	486	31.9	-11.8	-2.9	69.4	73.2	0.0	204.3	20.4	93.2	204.0
20:53:00	28 13.2	-97 30.0	44.4	99.8	109.2	-2*	27.1*	4.2*	22.4*	959.2	67.2	33.1	13.9	-16.9	-18.9	0.2
20:53:00	28 8.8	-97 32.4	45.0	99.1	108.9	464	27.1*	2.8	24.9*	250.6	67.3	33.4	13.3	17.8	17.8	0.0
20:53:00	28 13.7	-97 30.4	41.8	101.6	109.9	487	0.1	29.4	-11.4	69.3	74.1	50.0	28.8	19.6	19.6	8.4
20:52:59	28 13.8	-97 30.4	426.2	442.8	10348*	486	37.2	-4.4	-1.1	67.6	72.4	0.0	201.6	27.9	92.4	201.6

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
20:53:30	28 14.7	-97 28.8	66.7	88.3	110.7	-2*	38.3	7.0	0.2	952.7	74.8	33.3	12.3	-16.9	-18.9	0.2
20:53:30	28 10.3	-97 31.2	67.3	87.6	110.5	531	38.4	6.9	0.0	250.6	74.8	33.5	11.5	17.2	17.2	0.0
20:53:30	28 15.2	-97 29.3	67.4	88.7	111.4	547	0.0	16.6	-19.5	76.9	82.0	50.0	26.7	19.3	19.3	9.4
20:53:29	28 15.2	-97 29.2	423.8	440.4	10348*	549	36.3	-8.8	-3.0	75.0	79.2	0.0	212.3	38.7	99.6	211.0
20:54:00	28 16.0	-97 27.6	62.6	82.3	103.4	-2*	39.3	10.2	-1.2	918.5	63.5	29.4	11.3	-16.9	-18.9	0.2
20:54:00	28 11.6	-97 30.0	63.2	81.7	103.3	853	39.2	10.0	-1.3	250.6	63.5	29.7	10.8	16.8	16.8	0.0
20:54:00	28 16.6	-97 28.0	63.8	82.7	104.4	869	0.1	22.7	-13.0	65.7	70.3	50.0	29.8	19.0	19.0	10.0
20:53:59	28 16.6	-97 28.0	422.3	438.8	10348*	872	33.3	-7.8	-1.7	63.7	67.4	0.0	196.0	40.9	90.5	195.4
20:54:30	28 17.4	-97 26.5	62.1	82.1	103.0	-2*	38.8	6.4	0.1	892.4	61.6	27.1	9.5	-16.9	-18.9	0.2
20:54:30	28 12.9	-97 28.9	62.7	81.5	102.9	1107	38.6	6.2	-0.1	250.6	61.6	27.4	9.1	15.3	15.3	0.0
20:54:30	28 17.9	-97 26.9	62.6	82.3	103.4	1124	0.1	23.6	-11.8	63.2	68.0	50.0	30.3	17.6	17.6	11.4
20:54:29	28 17.9	-97 26.9	419.7	436.0	10348*	1127	33.3	-13.2	-3.4	61.8	65.1	0.0	193.1	38.6	88.8	192.1
20:55:00	28 18.7	-97 25.4	63.9	85.2	106.5	-2*	38.8	3.7	-0.2	871.0	63.9	25.2	7.2	-16.9	-18.9	0.2
20:55:00	28 14.3	-97 27.7	64.5	84.6	106.4	1315	38.7	3.5	-0.4	250.6	64.0	25.5	6.7	15.4	15.4	0.0
20:55:00	28 19.2	-97 25.8	64.2	85.0	106.6	1335	0.1	22.6	-13.0	65.7	70.3	50.0	29.7	18.1	18.1	13.4
20:54:59	28 19.3	-97 25.7	416.2	432.4	10348*	1337	32.8	-7.7	-1.9	64.2	67.5	0.0	196.7	40.2	88.1	194.6
20:55:30	28 20.2	-97 24.1	69.4	91.7	115.0	-2*	39.4	5.2	-1.0	856.3	75.5	25.4	4.8	-16.9	-18.9	0.2
20:55:30	28 15.7	-97 26.5	69.9	91.1	114.8	1457	39.5	5.0	-1.2	250.6	75.6	25.6	4.0	13.3	13.3	0.0
20:55:30	28 20.7	-97 24.5	69.8	91.9	115.4	1483	0.1	18.0	-19.0	76.9	82.6	50.0	26.5	15.6	15.6	15.9
20:55:29	28 20.7	-97 24.5	412.6	428.7	10348*	1479	32.0	-14.2	-4.4	75.7	79.9	0.0	213.4	40.3	94.0	209.2
20:56:00	28 21.7	-97 22.9	68.3	91.9	114.5	-2*	39.3	5.6	-2.6*	833.8	74.8	23.3	3.0	-16.9	-18.9	0.2
20:56:00	28 17.2	-97 25.2	68.8	91.3	114.4	1679	39.2	5.4	-2.7*	250.6	74.9	23.6	2.2	13.0	13.0	0.0
20:56:00	28 22.2	-97 23.2	69.0	92.0	115.0	1702	0.1	19.8	-18.0	76.3	81.8	50.0	26.7	15.5	15.5	18.1
20:55:59	28 22.2	-97 23.2	410.0	425.9	10348*	1704	32.3	-11.9	-3.4	75.0	79.1	0.0	212.4	41.4	93.0	207.6
20:56:30	28 23.3	-97 21.9	51.3	100.8	113.1	-3*	30.3	5.7	-1.5	809.9	69.5	21.0	2.1	-16.9	-18.9	0.2
20:56:30	28 18.8	-97 24.2	51.8	100.2	112.8	1929	30.1	5.5	-1.6	250.6	69.5	21.3	1.4	11.3	11.3	0.0
20:56:30	28 23.8	-97 22.2	51.8	100.9	113.4	1951	0.0	19.9	-16.1	71.0	76.1	50.0	28.1	13.2	13.2	19.4
20:56:29	28 23.8	-97 22.2	408.6	424.4	10348*	1953	29.7	-11.0	-3.1	69.7	73.5	0.0	204.9	33.1	87.3	200.4
20:57:00	28 24.9	-97 20.9	58.9	95.1	111.8	-3*	35.9	5.7	3.5	787.2	66.8	18.8	0.6	-16.9	-18.9	0.2
20:57:00	28 20.4	-97 23.2	59.4	94.5	111.6	2170	35.9	5.5	3.3	250.6	66.8	19.1	0.0	10.6	10.6	0.0
20:57:00	28 25.4	-97 21.2	58.8	95.6	112.2	2190	0.1	22.4	-14.0	68.1	73.2	50.0	28.9	12.0	12.0	21.6
20:56:59	28 25.4	-97 21.2	406.4	422.1	10348*	2191	31.2	-13.4	-3.5	67.0	70.9	0.0	200.9	38.8	84.4	196.2
20:57:30	28 26.4	-97 19.7	64.2	86.5	107.7	-2*	40.9	9.9	-0.2	763.1	62.0	16.8	-0.2	-16.9	-18.9	0.2
20:57:30	28 21.9	-97 22.1	64.6	86.0	107.6	2385	41.0	9.7	-0.4	250.6	62.0	17.1	-0.7	8.3	8.3	0.0
20:57:30	28 26.9	-97 20.1	64.7	87.1	108.5	2444	0.0	25.7	-11.1	63.5	68.4	50.0	30.2	9.4	9.4	23.0
20:57:29	28 26.9	-97 20.1	405.2	420.8	10348*	2448	14.2	-13.1	-3.7	62.1	66.1	0.0	193.8	44.3	80.7	189.3
20:58:00	28 27.8	-97 18.6	65.8	87.1	109.1	-2*	41.1	4.9	-0.4	741.9	60.0	15.5	-1.0	-16.9	-18.9	0.2
20:58:00	28 23.3	-97 20.9	66.2	86.6	109.0	2639	41.0	4.8	-0.5	250.6	60.0	15.9	-1.3	1.4	1.4	0.0
20:58:00	28 28.3	-97 18.9	65.9	87.1	109.2	2687	0.0	23.4	-11.2	61.4	65.8	50.0	30.7	2.3	2.3	24.3
20:57:59	28 28.3	-97 18.9	404.1	419.7	10348*	2689	28.9	-10.7	-3.2	60.2	63.7	0.0	190.7	44.9	77.4	186.2

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
20:58:30	28 29.2	-97 17.3	69.8	89.4	113.5	-2*	41.3	5.0	-0.6	727.4	64.5	15.1	-2.4	-16.9	-18.9	0.2
20:58:30	28 24.7	-97 19.6	70.3	88.9	113.3	2796	41.1	4.8	-0.8	250.6	64.5	15.4	-2.8	-0.7	-0.8	0.0
20:58:30	28 29.7	-97 17.6	69.9	89.5	113.6	2840	0.1	21.6	-13.5	65.7	70.5	50.0	29.5	-1.1	-1.2	27.0
20:58:29	28 29.8	-97 17.6	402.0	417.5	10348*	2850	29.3	-12.1	-3.2	64.7	68.3	0.0	197.6	43.9	78.7	192.0
20:59:00	28 30.6	-97 16.0	71.8	88.7	114.1	-2*	41.6	4.9	-0.8	711.6	64.2	14.0	-3.4	-16.9	-18.9	0.2
20:59:00	28 26.1	-97 18.3	72.2	88.2	114.0	2978	41.5	4.7	-0.9	250.6	64.2	14.3	-3.8	-6.5	-7.3	0.0
20:59:00	28 31.2	-97 16.3	72.0	89.0	114.5	3024	0.1	22.9	-12.8	65.1	69.9	50.0	29.6	-5.1	-5.7	29.1
20:58:59	28 31.2	-97 16.3	400.5	415.9	10348*	3031	26.6	-13.5	-4.0	64.4	67.8	0.0	197.1	42.9	77.1	191.3
20:59:30	28 32.1	-97 14.7	75.0	89.7	116.9	-2*	42.0	3.0	-1.4	709.3	67.8	15.0	-3.2	-16.9	-18.9	0.2
20:59:30	28 27.6	-97 16.9	75.4	89.2	116.8	3014	42.1	2.8	-1.6	250.6	67.8	15.3	-3.8	-10.4	-11.7	0.0
20:59:30	28 32.6	-97 15.0	75.1	89.9	117.2	3060	0.1	26.0	-12.7	68.3	73.6	50.0	28.6	-8.4	-9.4	28.9
20:59:29	28 32.6	-97 15.0	400.7	416.1	10348*	3057	29.1	-15.8	-4.6	68.0	71.5	0.0	202.4	42.4	79.3	196.2
21:00:00	28 33.5	-97 13.3	77.8	91.7	120.3	-2*	41.5	2.1	-1.0	709.3	71.1	14.7	-4.2	-16.9	-18.9	0.2
21:00:00	28 29.0	-97 15.5	78.2	91.2	120.2	3019	41.3	2.0	-1.1	250.6	71.1	15.0	-4.8	-6.9	-7.8	0.0
21:00:00	28 34.1	-97 13.6	77.9	91.8	120.4	3058	0.1	21.0	-15.8	71.9	76.9	50.0	27.7	-7.1	-8.1	31.1
20:59:59	28 34.1	-97 13.6	399.3	414.6	10348*	3055	28.7	-10.2	-2.7	71.3	75.0	0.0	207.2	41.8	79.9	200.1
21:00:30	28 35.0	-97 11.8	79.0	93.0	122.0	-2*	41.8	1.7	-1.2	708.9	73.7	15.1	-4.4	-16.9	-18.9	0.2
21:00:30	28 30.5	-97 14.1	79.3	92.6	121.9	2998	41.6	1.5	-1.3	250.6	73.7	15.4	-5.1	-9.2	-10.3	0.0
21:00:30	28 35.6	-97 12.1	79.0	93.1	122.1	3058	0.1	18.5	-17.8	74.4	79.5	50.0	27.0	-7.1	-8.0	31.5
21:00:29	28 35.6	-97 12.1	399.0	414.4	10348*	3058	28.1	-9.5	-3.3	73.9	77.7	0.0	210.8	42.9	81.4	203.4
21:01:00	28 36.6	-97 10.4	79.6	95.4	124.3	-2*	41.6	1.6	-1.0	708.8	75.8	15.8	-4.1	-16.9	-18.9	0.2
21:01:00	28 32.0	-97 12.6	79.9	95.0	124.1	3040	41.6	1.5	-1.2	250.6	75.9	16.1	-4.9	-11.5	-12.9	0.0
21:01:00	28 37.1	-97 10.7	79.6	95.5	124.3	3057	0.1	18.3	-18.7	76.6	81.8	50.0	26.5	-9.2	-10.3	30.9
21:00:59	28 37.1	-97 10.7	399.4	414.8	10348*	3058	26.7	-9.9	-3.5	76.0	80.0	0.0	213.8	43.1	81.9	206.1
21:01:30	28 38.1	-97 8.9	81.4	96.7	126.4	-2*	41.5	1.4	-1.1	708.7	77.3	15.2	-5.1	-16.9	-18.9	0.2
21:01:30	28 33.6	-97 11.1	81.6	96.3	126.3	3016	41.6	1.2	-1.2	250.6	77.3	15.4	-5.9	-9.5	-10.7	0.0
21:01:30	28 38.7	-97 9.2	81.3	96.8	126.4	3059	0.1	17.0	-19.7	78.1	83.4	50.0	26.1	-5.2	-5.9	33.2
21:01:29	28 38.7	-97 9.2	398.0	413.3	10348*	3057	28.2	-8.5	-3.0	77.5	81.6	0.0	215.8	42.9	81.2	207.6
21:02:00	28 39.7	-97 7.4	82.7	98.3	128.5	-2*	41.7	1.4	-1.1	708.7	81.0	16.4	-4.7	-16.9	-18.9	0.2
21:02:00	28 35.2	-97 9.6	83.0	97.9	128.4	3013	41.5	1.2	-1.2	250.6	81.0	16.6	-5.6	-11.0	-12.4	0.0
21:02:00	28 40.3	-97 7.7	82.7	98.5	128.6	3059	0.1	14.5	-22.1	81.8	87.3	50.0	25.1	-9.2	-10.3	32.2
21:01:59	28 40.3	-97 7.7	398.6	413.9	10348*	3057	28.3	-9.0	-2.8	81.2	85.6	0.0	220.8	43.3	83.8	212.2
21:02:30	28 41.3	-97 5.9	83.5	99.0	129.5	-3*	41.2	1.3	-0.8	708.5	80.3	15.5	-5.4	-16.9	-18.9	0.2
21:02:30	28 36.8	-97 8.1	83.7	98.6	129.4	3021	41.0	1.2	-1.0	250.6	80.4	15.7	-6.4	-5.1	-5.7	0.0
21:02:30	28 41.9	-97 6.2	83.5	99.1	129.6	3062	0.1	15.8	-21.3	81.4	86.6	50.0	25.3	-4.6	-5.2	34.1
21:02:29	28 41.9	-97 6.2	397.5	412.7	10348*	3057	29.5	-6.5	-2.5	80.5	85.0	0.0	219.9	42.5	81.6	211.1
21:03:00	28 42.9	-97 4.3	83.9	99.7	130.4	-3*	41.9	1.2	-1.3	708.4	82.4	15.9	-5.4	-16.9	-18.9	0.2
21:03:00	28 38.4	-97 6.6	84.1	99.4	130.2	3038	41.9	1.0	-1.5	250.6	82.5	16.1	-6.4	-7.7	-8.6	0.0
21:03:00	28 43.5	-97 4.6	83.8	99.8	130.4	3066	0.1	13.4	-23.0	83.3	88.7	50.0	24.8	-5.7	-6.4	34.1
21:02:59	28 43.5	-97 4.6	397.5	412.8	10348*	3059	23.9	-9.0	-2.4	82.6	87.0	0.0	222.7	43.9	83.4	213.6

A/C 43, Flgt 061006I, Micro99 date 2006/10/06, Proj done Run on Fri Mar 23 11:30:15 2007

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
21:03:30	28 44.6	-97 2.8	84.3	100.9	131.5	-3*	41.2	1.2	-4.1*	708.5	82.3	15.9	-5.5	-16.9	-18.9	0.2
21:03:30	28 40.0	-97 5.0	84.4	100.6	131.4	3018	41.3	1.0	-4.3*	250.6	82.4	16.1	-6.5	-6.9	-7.8	0.0
21:03:30	28 45.1	-97 3.1	84.4	100.8	131.5	3064	0.1	14.7	-22.5	83.2	88.7	50.0	24.8	-5.1	-5.7	34.2
21:03:29	28 45.1	-97 3.1	397.4	412.7	10348*	3058	27.8	-9.3	-2.8	82.5	87.1	0.0	222.6	42.7	82.0	213.5

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ERROR COUNT:

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LAT_INE1: 28
LAT_INE2: 28
LAT_CLN: 8
LAT_ASH: 8
LONG_INE1: 28
LONG_INE2: 28
LONG_CLN: 7
LONG_ASH: 8
RA159: 11296
RA232: 28
ALT_CLN: 10
ALT_ASH: 9
HDG_INE1: 4951
HDG_INE2: 4961
PRT5_SIDE: 15
PRT5_DOWN: 15
PITCH_INE1: 1313
PITCH_INE2: 1041
PDAF: 15
PDSF: 15
ROLL_INE1:

AXBT2: 15

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