A/C 43, Flgt 060911I, Micro99 date 2006/09/11, Proj TexAQS Run on Fri Mar 23 10:34:50 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
16:02:30	29 35.9	-95 10.0	0.1	0.1	0.1	1510	178.5	-0.5	-0.1	1014.2	-0.3	29.7	-32767.0	-16.9	-18.9	0.4
16:02:30	29 35.8	-95 9.9	0.2	-0.0	0.2	1	178.3	-0.6	-0.2	310.0	0.9	30.2	-32767.0	23.7	23.7	0.0
16:02:30	29 35.9	-95 10.0	0.0	-0.0	0.0	19	0.0	-0.0	-0.6	0.1	0.1	50.0	-32767.0	24.1	24.1	-32767.0
16:02:29	29 35.9	-95 10.0	-32767.0	-32767.0	-32767	14	39.1	0.2	0.1	0.0	-0.4	0.0	-32767.0	-32767.0	-32767.0	-327
16:03:00	29 35.9	-95 10.0	0.1	-1.5	1.5	1510	178.0	-0.4	-0.0	1014.2	-0.3	29.8	-32767.0	-16.9	-18.9	0.4
16:03:00	29 35.8	-95 9.9	0.2	-1.6	1.6	1	178.1	-0.5	-0.2	310.3	0.9	30.3	-32767.0	23.6	23.6	0.0
16:03:00	29 35.9	-95 10.0	0.0	-1.5	1.5	17	0.0	-0.0	-0.6	0.1	0.1	50.0	-32767.0	23.9	23.9	-32767.0
16:02:59	29 35.8	-95 10.0	-32767.0	-32767.0	-32767	14	39.2	0.3	0.1	0.1	-0.3	0.0	-32767.0	-32767.0	-32767.0	-327
16:03:30	29 35.8	-95 10.0	1.4	-5.6	5.7	1510	164.5	-0.3	-0.1	1014.1	-0.3	29.4	-32767.0	-16.9	-18.9	0.4
16:03:30	29 35.7	-95 9.9	1.5	-5.7	5.9	1	164.2	-0.4	-0.2	309.8	0.9	29.8	-32767.0	23.6	23.6	0.0
16:03:30	29 35.8	-95 10.0	1.0	-5.6	5.7	17	0.0	0.1	-0.5	0.2	0.3	50.0	-32767.0	24.0	24.0	-32767.0
16:03:29	29 35.8	-95 10.0	-32767.0	-32767.0	-32767	14	39.2	0.3	0.1	0.2	-0.2	0.0	-32767.0	-32767.0	-32767.0	-327
16:04:00	29 35.8	-95 9.9	4.2	4.3	6.0	1510	43.7	0.0	0.3	1014.2	-0.3	30.0	-32767.0	-16.9	-18.9	0.4
16:04:00	29 35.7	-95 9.8	4.3	4.2	6.0	1	43.6	-0.1	0.1	307.7	0.9	30.3	-32767.0	23.7	23.7	0.0
16:04:00	29 35.8	-95 9.9	4.0	4.2	5.8	17	0.0	0.1	-0.5	0.1	0.1	50.0	-32767.0	23.8	23.8	-32767.0
16:03:59	29 35.8	-95 9.9	-32767.0	-32767.0	-32767	13	39.2	0.1	0.0	0.1	-0.3	0.0	-32767.0	-32767.0	-32767.0	-327
16:04:30	29 35.9	-95 9.8	4.3	4.5	6.2	1510	43.4	-0.2	0.5	1014.1	-0.3	30.4	-32767.0	-16.9	-18.9	0.4
16:04:30	29 35.8	-95 9.7	4.5	4.4	6.3	1	43.1	-0.3	0.4	307.9	0.9	30.7	-32767.0	23.3	23.3	0.0
16:04:30	29 35.9	-95 9.8	4.5	4.7	6.5	14	0.0	0.0	-0.5	-0.0	0.0	50.0	-32767.0	23.7	23.7	-32767.0
16:04:29	29 35.9	-95 9.8	-32767.0	-32767.0	-32767	12	39.3	-0.0	0.0	-0.4	-0.4	0.0	-32767.0	-32767.0	-32767.0	-327
16:05:00	29 36.1	-95 9.6	30.7	32.5	44.7	1510	43.8	-0.8	0.0	1014.0	-0.3	29.6	-32767.0	-16.9	-18.9	0.4
16:05:00	29 36.0	-95 9.5	30.8	32.5	44.8	1	43.5	-0.9	-0.1	307.7	0.9	29.9	-32767.0	24.4	24.4	0.0
16:05:00	29 36.0	-95 9.6	29.8	31.3	43.3	14	0.0	0.1	-2.7	11.7	11.9	50.0	-32767.0	24.3	24.3	-32767.0
16:04:59	29 36.1	-95 9.6	-32767.0	-32767.0	-32767	12	39.3	1.7	0.5	9.7	10.3	0.0	-32767.0	-32767.0	-32767.0	-327
16:05:30	29 36.9	-95 8.7	56.0	58.4	80.9	1510	44.5	6.7	1.7	1007.8	-0.3*	31.7	-32767.0*	-16.9	-18.9	0.3
16:05:30	29 36.8	-95 8.6	56.1	58.3	80.9	35	44.5	6.5	1.5	307.2	0.9*	31.9	-32767.0*	23.2	23.2	0.0
16:05:30	29 36.8	-95 8.7	55.8	58.1	80.6	44	0.0	24.7	-1.7	35.8*	39.8	50.0	-32767.0*	24.5	24.5	-32767.0
16:05:29	29 36.8	-95 8.7	-32767.0	-32767.0	-32767*	46	39.4	-8.0	-2.3	34.4	37.2*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:06:00	29 37.5	-95 7.5	78.7	-12.3	79.6	1510	105.2*	13.1*	31.8*	982.1	-0.3*	30.1	-32767.0*	-16.9	-18.8	0.3
16:06:00	29 37.5	-95 7.4	78.9	-12.4	79.8	241	105.2*	12.9*	31.6*	307.4	0.9*	30.2	-32767.0*	22.3	22.3	0.0
16:06:00	29 37.5	-95 7.5	79.7	-8.3	80.2	241	0.0	50.6	7.8	36.3*	41.2	50.0	-32767.0*	23.0	23.0	-32767.0
16:05:59	29 37.5	-95 7.5	-32767.0	-32767.0	-32767*	245	39.3	-4.2	-0.3	33.2	40.3*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:06:30	29 36.6	-95 6.5	41.1	-84.2	93.7	1510	156.7	4.8	3.4*	974.3	-0.3*	29.9	-32767.0*	-16.9	-18.9	0.3
16:06:30	29 36.5	-95 6.4	41.3	-84.3	93.9	328	156.4	4.7	3.2*	307.5	0.9*	30.1	-32767.0*	22.8	22.8	0.0
16:06:30	29 36.6	-95 6.5	41.3	-83.5	93.1	338	0.0	39.9	0.6	49.1*	55.2	50.0	-32767.0*	23.3	23.3	-32767.0
16:06:29	29 36.6	-95 6.5	-32767.0	-32767.0	-32767*	339	39.3	-15.9	-4.9	48.0	51.8*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:07:00	29 35.3	-95 5.4	78.2	-77.9	110.4	1510	135.2	5.1*	-0.9*	965.2	-0.3*	30.9	-32767.0*	-16.9	-18.9	0.3
16:07:00	29 35.2	-95 5.3	78.5	-77.9	110.6	408	135.3	4.9*	-1.1*	307.3	0.9*	31.0	-32767.0*	23.1	23.1	0.0
16:07:00	29 35.3	-95 5.4	77.9	-78.3	110.4	412	0.0	40.6	-4.6	71.7*	77.9	50.0	-32767.0*	23.4	23.4	-32767.0
16:06:59	29 35.3	-95 5.4	-32767.0	-32767.0	-32767*	412	39.4	1.4	0.7	69.6	74.4*	0.0	-32767.0*	-32767.0	-32767.0	-327

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:07:30	29 34.0	-95 3.8	95.6	-61.2	113.5	1510	121.8*	7.1	-20.0*	960.2	-0.3*	30.8	-32767.0*	-16.9	-18.9	0.3
16:07:30	29 33.9	-95 3.7	95.8	-61.2	113.7	454	121.7*	6.9	-20.2*	307.6	0.9*	30.9	-32767.0*	22.7	22.7	0.0
16:07:30	29 34.0	-95 3.9	94.2	-64.0	113.9	455	0.0	42.9	-5.7	72.3*	78.7	50.0	-32767.0*	23.6	23.6	-32767.0
16:07:29	29 34.0	-95 3.9	-32767.0	-32767.0	-32767*	459	39.3	0.9	0.5	70.2	74.7*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:08:00	29 33.2	-95 2.0	102.9	-49.2	114.0	1510	115.9	3.6	-0.9*	955.0	-0.3*	30.3	-32767.0*	-16.9	-18.9	0.3
16:08:00	29 33.1	-95 1.9	103.1	-49.2	114.2	502	115.7	3.5	-1.1*	307.5	0.9*	30.3	-32767.0*	21.4	21.4	0.0
16:08:00	29 33.2	-95 2.0	102.7	-49.4	114.0	508	0.0	38.8	-7.6	72.1*	78.5	50.0	-32767.0*	23.1	23.1	-32767.0
16:07:59	29 33.2	-95 2.0	-32767.0	-32767.0	-32767*	505	39.3	-2.9	-0.3	70.7	75.2*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:08:30	29 32.6	-94 59.9	115.1	-29.3	118.7	1510	105.8	1.9	1.6	956.0	-0.3*	30.9	-32767.0*	-16.9	-18.9	0.3
16:08:30	29 32.5	-94 59.8	115.3	-29.3	119.0	495	105.5	1.8	1.4	307.4	0.9*	31.0	-32767.0*	21.7	21.7	0.0
16:08:30	29 32.6	-94 59.9	115.0	-29.1	118.7	498	0.0	30.4	-11.3	79.9*	86.9	50.0	-32767.0*	23.4	23.4	-32767.0
16:08:29	29 32.6	-94 59.9	-32767.0	-32767.0	-32767*	499	39.3	-8.3	-2.1	79.3	82.9*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:09:00	29 32.1	-94 57.8	114.2	-32.7	118.8	1510	106.5	3.0	0.7	955.7	-0.3*	30.7	-32767.0*	-16.9	-18.9	0.3
16:09:00	29 32.0	-94 57.7	114.4	-32.8	119.0	495	106.3	2.8	0.5	307.4	0.9*	30.8	-32767.0*	22.5	22.5	0.0
16:09:00	29 32.1	-94 57.8	114.2	-33.0	118.9	501	0.0	33.6	-10.5	79.5*	85.9	50.0	-32767.0*	23.7	23.7	-32767.0
16:08:59	29 32.1	-94 57.8	-32767.0	-32767.0	-32767*	498	39.2	3.5	1.7	78.0	82.6*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:09:30	29 31.6	-94 55.7	112.7	-31.3	116.9	1510	105.3	2.5*	2.0*	954.3	-0.3*	30.5	-32767.0*	-16.9	-18.9	0.3
16:09:30	29 31.5	-94 55.6	112.9	-31.3	117.2	509	105.4	2.3*	1.8*	307.4	0.9*	30.7	-32767.0*	22.2	22.2	0.0
16:09:30	29 31.6	-94 55.7	112.7	-31.3	117.0	518	0.0	31.5	-11.1	78.6*	84.3	50.0	-32767.0*	23.5	23.5	-32767.0
16:09:29	29 31.6	-94 55.7	-32767.0	-32767.0	-32767*	512	28.9	5.6	2.2	77.0	81.3*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:10:00	29 31.1	-94 53.6	112.0	-30.3	116.0	1510	106.4	3.1	0.4	954.8	-0.3*	30.6	-32767.0*	-16.9	-18.8	0.3
16:10:00	29 31.0	-94 53.5	112.2	-30.3	116.2	500	106.1	3.0	0.2	307.2	0.9*	30.9	-32767.0*	22.1	22.1	0.0
16:10:00	29 31.1	-94 53.7	112.0	-30.4	116.1	504	0.0	42.0	-6.6	77.3*	84.0	50.0	-32767.0*	23.3	23.3	-32767.0
16:09:59	29 31.1	-94 53.6	-32767.0	-32767.0	-32767*	504	28.7	-4.1	-0.7	76.0	81.0*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:10:30	29 30.6	-94 51.6	112.0	-26.4	115.0	1510	104.6	3.1	-1.7	955.7	-0.3*	30.4	-32767.0*	-16.9	-18.9	0.3
16:10:30	29 30.6	-94 51.4	112.2	-26.4	115.3	498	104.3	2.9	-1.8	306.7	0.9*	30.7	-32767.0*	21.8	21.8	0.0
16:10:30	29 30.6	-94 51.6	112.0	-26.6	115.1	497	0.0	34.1	-9.4	74.7*	81.0	50.0	-32767.0*	23.3	23.3	-32767.0
16:10:29	29 30.6	-94 51.6	-32767.0	-32767.0	-32767*	501	29.3	-9.4	-2.4	73.9	78.0*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:11:00	29 30.2	-94 49.5	111.7	-24.1	114.2	1510	103.3	3.2	-0.7	955.6	-0.3*	30.3	-32767.0*	-16.9	-18.9	0.3
16:11:00	29 30.1	-94 49.4	111.9	-24.1	114.5	498	103.1	3.0	-0.8	306.8	0.9*	30.6	-32767.0*	21.8	21.8	0.0
16:11:00	29 30.2	-94 49.5	111.6	-24.2	114.2	499	0.0	34.3	-9.2	72.8*	79.0	50.0	-32767.0*	23.2	23.2	-32767.0
16:10:59	29 30.2	-94 49.5	-32767.0	-32767.0	-32767*	503	29.8	-10.2	-2.7	72.0	76.0*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:11:30	29 29.8	-94 47.4	112.1	-23.8	114.6	1510	103.0	3.2	-0.9	955.5	-0.3*	30.4	-32767.0*	-16.9	-18.9	0.3
16:11:30	29 29.8	-94 47.3	112.3	-23.8	114.8	500	103.1	3.0	-1.0	306.9	0.9*	30.7	-32767.0*	21.6	21.6	0.0
16:11:30	29 29.8	-94 47.4	112.1	-24.0	114.6	499	0.0	34.1	-8.4	73.1*	79.3	50.0	-32767.0*	23.0	23.0	-32767.0
16:11:29	29 29.8	-94 47.4	-32767.0	-32767.0	-32767*	504	29.6	-10.4	-2.8	72.2	76.3*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:12:00	29 29.5	-94 45.3	112.9	-23.4	115.3	1510	102.7	3.0	-0.9	955.4	-0.3*	30.3	-32767.0*	-16.9	-18.9	0.3
16:12:00	29 29.4	-94 45.2	113.1	-23.4	115.5	500	102.4	2.9	-1.0	306.8	0.9*	30.6	-32767.0*	21.7	21.7	0.0
16:12:00	29 29.4	-94 45.4	112.8	-23.6	115.3	501	0.0	33.6	-8.1	73.9*	80.1	50.0	-32767.0*	23.1	23.1	-32767.0
16:11:59	29 29.4	-94 45.3	-32767.0	-32767.0	-32767*	505	29.6	-10.3	-2.7	73.1	77.1*	0.0	-32767.0*	-32767.0	-32767.0	-327

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:12:30	29 29.1	-94 43.2	113.4	-23.2	115.8	1510	102.4	2.9	-0.7	955.2	-0.3*	30.5	-32767.0*	-16.9	-18.8	0.3
16:12:30	29 29.0	-94 43.1	113.7	-23.2	116.0	502	102.1	2.7	-0.8	306.8	0.9*	30.8	-32767.0*	21.1	21.1	0.0
16:12:30	29 29.1	-94 43.3	113.4	-23.3	115.8	503	0.0	32.9	-8.3	74.9*	81.3	50.0	-32767.0*	22.8	22.8	-32767.0
16:12:29	29 29.1	-94 43.2	-32767.0	-32767.0	-32767*	508	29.0	-10.3	-2.7	74.2	78.2*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:13:00	29 28.7	-94 41.1	117.5	-23.6	119.9	1510	102.9	0.7	-1.1	962.9	-0.3*	31.1	-32767.0*	-16.9	-18.9	0.3
16:13:00	29 28.6	-94 40.9	117.7	-23.6	120.1	432	102.8	0.5	-1.3	306.9	0.9*	31.4	-32767.0*	23.2	23.2	0.0
16:13:00	29 28.7	-94 41.1	117.5	-23.6	119.9	446	0.0	30.2	-11.6	81.7*	88.5	50.0	-32767.0*	23.7	23.7	-32767.0
16:12:59	29 28.7	-94 41.1	-32767.0	-32767.0	-32767*	438	28.6	-11.3	-3.1	81.3	85.5*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:13:30	29 28.3	-94 38.9	115.3	-24.0	117.8	1510	102.6	2.7	-0.8	970.2	-0.3*	31.8	-32767.0*	-16.9	-18.9	0.3
16:13:30	29 28.2	-94 38.8	115.5	-23.9	118.0	365	102.7	2.5	-1.0	306.6	0.9*	32.1	-32767.0*	22.7	22.7	0.0
16:13:30	29 28.3	-94 38.9	115.4	-24.1	117.9	375	0.0	31.7	-13.2	79.6*	86.4	50.0	-32767.0*	23.9	23.9	-32767.0
16:13:29	29 28.3	-94 38.9	-32767.0	-32767.0	-32767*	369	30.4	-12.1	-3.4	79.1	83.4*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:14:00	29 27.9	-94 36.8	112.4	-23.0	114.8	1510	102.6	2.8	-0.8	970.7	-0.3*	30.8	-32767.0*	-16.9	-18.9	0.3
16:14:00	29 27.9	-94 36.7	112.6	-22.9	115.0	360	102.4	2.6	-0.9	306.8	0.9*	31.1	-32767.0*	23.9	23.9	0.0
16:14:00	29 27.9	-94 36.8	112.5	-23.1	114.8	369	0.0	34.2	-10.2	75.0*	81.3	50.0	-32767.0*	24.2	24.2	-32767.0
16:13:59	29 27.9	-94 36.8	-32767.0	-32767.0	-32767*	365	36.0	-10.5	-2.8	74.2	78.3*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:14:30	29 27.6	-94 34.8	106.9	-21.9	109.1	1510	102.4	4.1	-0.8*	958.0	-0.3*	29.5	-32767.0*	-16.9	-18.9	0.3
16:14:30	29 27.5	-94 34.6	107.1	-21.9	109.3	477	102.1	4.0	-0.8*	307.1	0.9*	29.9	-32767.0*	22.5	22.5	0.0
16:14:30	29 27.5	-94 34.8	106.8	-22.1	109.0	486	0.0	37.6	-5.7	66.3*	71.8	50.0	-32767.0*	23.1	23.1	-32767.0
16:14:29	29 27.5	-94 34.8	-32767.0	-32767.0	-32767*	481	29.6	-5.9	-1.6	64.8	68.9*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:15:00	29 27.2	-94 32.8	112.4	-22.7	114.7	1510	102.7	3.1	3.1*	957.8	-0.3*	30.1	-32767.0*	-16.9	-18.9	0.3
16:15:00	29 27.2	-94 32.6	112.6	-22.7	114.9	479	102.5*	2.9	2.9*	307.1	0.9*	30.4	-32767.0*	22.6	22.6	0.0
16:15:00	29 27.2	-94 32.8	112.4	-22.3	114.6	483	0.0	34.0	-7.2	72.9*	79.0	50.0	-32767.0*	23.5	23.5	-32767.0
16:14:59	29 27.2	-94 32.8	-32767.0	-32767.0	-32767*	483	29.5	-9.0	-2.2	71.9	76.1*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:15:30	29 26.7	-94 30.7	100.1	-50.1	111.9	1510	118.3*	3.6	7.6*	956.7	-0.3*	29.7	-32767.0*	-16.9	-18.9	0.3
16:15:30	29 26.6	-94 30.6	100.3	-50.0	112.1	488	118.3*	3.4	7.4*	307.1	0.9*	30.0	-32767.0*	23.0	23.0	0.0
16:15:30	29 26.6	-94 30.8	100.7	-49.4	112.1	491	0.0	35.9	-8.6	70.7*	76.5	50.0	-32767.0*	23.7	23.7	-32767.0
16:15:29	29 26.6	-94 30.7	-32767.0	-32767.0	-32767*	492	29.5	-6.5	-1.6	69.6	73.8*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:16:00	29 25.5	-94 29.2	66.4	-86.5	109.1	1510	144.3*	2.1	7.3*	962.7	-0.3*	30.4	-32767.0*	-16.9	-18.9	0.3
16:16:00	29 25.4	-94 29.1	66.6	-86.5	109.2	432	144.1*	1.9	7.2*	307.0	0.9*	30.7	-32767.0*	22.0	22.0	0.0
16:16:00	29 25.5	-94 29.2	67.1	-86.2	109.2	436	0.0	37.2	-3.9	68.8*	74.4	50.0	-32767.0*	22.9	22.9	-32767.0
16:15:59	29 25.5	-94 29.2	-32767.0	-32767.0	-32767*	438	29.4	-3.8	-0.9	67.6	71.8*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:16:30	29 24.2	-94 28.0	93.9	-50.6	106.7	1510	117.6*	3.0	-26.2*	968.8	-0.3*	30.4	-32767.0*	-16.9	-18.9	0.3
16:16:30	29 24.1	-94 27.8	94.1	-50.5	106.8	382	117.2*	2.9	-26.3*	307.1	0.9*	30.8	-32767.0*	22.1	22.1	0.0
16:16:30	29 24.1	-94 28.0	92.3	-53.6	106.7	383	0.0	44.4	-1.8	64.5*	70.4	50.0	-32767.0*	23.0	23.0	-32767.0
16:16:29	29 24.1	-94 28.0	-32767.0	-32767.0	-32767*	386	29.5	-8.3	-2.6	63.3	67.3*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:17:00	29 24.4	-94 26.2	70.6	74.3	102.5	1510	40.5*	4.5*	-28.9	974.1	-0.3*	29.7	-32767.0*	-16.9	-18.9	0.3
16:17:00	29 24.3	-94 26.0	70.8	74.4	102.7	329	40.1*	4.3*	-29.0	307.0	0.9*	30.2	-32767.0*	24.0	24.0	0.0
16:17:00	29 24.3	-94 26.2	73.6	71.7	102.7	331	0.0	53.8	3.8	59.3*	65.1	50.0	-32767.0*	24.1	24.1	-32767.0
16:16:59	29 24.3	-94 26.2	-32767.0	-32767.0	-32767*	324	29.4	-2.8	-0.8	57.4	62.4*	0.0	-32767.0*	-32767.0	-32767.0	-327

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:17:30	29 25.9	-94 26.1	-61.0	85.0	104.7	1510	322.1*	3.6	-20.1	980.8	-0.3*	30.4	-32767.0*	-16.9	-18.9	0.3
16:17:30	29 25.8	-94 26.0	-60.9	85.1	104.7	270	321.7*	3.4	-20.2	306.7	0.9*	30.8	-32767.0*	24.0	24.0	0.0
16:17:30	29 25.8	-94 26.1	-58.6	86.8	104.8	270	0.0	45.6	2.4	64.1*	69.6	50.0	-32767.0*	24.2	24.2	-32767.0
16:17:29	29 25.8	-94 26.1	-32767.0	-32767.0	-32767*	275	29.8	-0.3	0.0	62.1	66.6*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:18:00	29 26.7	-94 27.8	-109.1	3.8

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:22:30	29 27.3	-94 28.4	-93.8	-52.4	107.4	1510	239.9*	6.8	-25.8*	935.8	-0.3*	28.7	-32767.0*	-16.9	-18.9	0.3
16:22:30	29 27.3	-94 28.2	-93.6	-52.1	107.1	684	239.8*	6.6	-26.0*	249.2*	0.9*	29.0	-32767.0*	19.9	19.9	0.0
16:22:30	29 27.3	-94 28.4	-95.4	-49.2	107.4	682	0.0	36.2	-8.4	68.0*	73.2	50.0	-32767.0*	21.3	21.3	-32767.0
16:22:29	29 27.3	-94 28.4	-32767.0	-32767.0	-32767*	686	29.0	2.2	0.5	65.7	69.2*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:23:00	29 25.9	-94 29.4	-3.2	-108.0	108.1	1510	181.7*	8.6	-17.4*	909.9	-0.3*	27.0	-32767.0*	-16.9	-18.8	0.3
16:23:00	29 25.8	-94 29.2	-3.0	-107.6	107.6	926	181.8*	8.4	-17.5*	249.2*	0.9*	27.3	-32767.0*	18.9	18.9	0.0
16:23:00	29 25.8	-94 29.4	-5.6	-108.0	108.1	922	0.0	34.4	-7.5	64.7*	69.8	50.0	-32767.0*	20.5	20.5	-32767.0
16:22:59	29 25.8	-94 29.4	-32767.0	-32767.0	-32767*	928	28.5	-1.4	-0.3	62.5	66.6*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:23:30	29 24.4	-94 28.5	94.7	-57.2	110.6	1510	119.8*	7.4	-21.3	886.6	-0.3*	25.6	-32767.0*	-16.9	-18.8	0.3
16:23:30	29 24.3	-94 28.2	94.9	-56.8	110.6	1150	119.8*	7.2	-21.5	249.2*	0.9*	26.0	-32767.0*	18.2	18.2	0.0
16:23:30	29 24.3	-94 28.5	93.0	-59.6	110.5	1149	0.0	37.6	-5.8	64.6*	69.5	50.0	-32767.0*	21.0	21.0	-32767.0
16:23:29	29 24.3	-94 28.5	-32767.0	-32767.0	-32767*	1152	27.8	0.7	0.0	62.2	66.3*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:24:00	29 24.4	-94 26.5	90.8	60.3	109.0	1510	53.6*	5.7*	-21.0*	864.9	-0.3*	24.7	-32767.0*	-16.9	-18.9	0.3
16:24:00	29 24.4	-94 26.3	91.0	60.8	109.4	1361	53.4*	5.5*	-21.1*	249.2*	0.9*	25.2	-32767.0*	16.4	16.4	0.0
16:24:00	29 24.3	-94 26.6	92.0	58.2	108.8	1372	0.0	33.7	-6.6	62.6*	67.4	50.0	-32767.0*	19.4	19.4	-32767.0
16:23:59	29 24.4	-94 26.6	-32767.0	-32767.0	-32767*	1369	27.3	0.2	0.1	60.5	64.0*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:24:30	29 26.0	-94 25.7	-7.0	110.7	111.0	1510	354.2*	7.6	-19.1	848.6	-0.3*	24.0	-32767.0*	-16.9	-18.9	0.3
16:24:30	29 26.0	-94 25.5	-6.8	111.2	111.4	1520	353.9*	7.4	-19.2	249.2*	0.9*	24.3	-32767.0*	15.7	15.7	0.0
16:24:30	29 25.9	-94 25.7	-4.5	111.2	111.3	1522	0.0	37.6	-6.7	66.8*	71.9	50.0	-32767.0*	18.7	18.7	-32767.0
16:24:29	29 25.9	-94 25.7	-32767.0	-32767.0	-32767*	1526	27.3	0.3	-0.1	64.5	68.7*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:25:00	29 27.3	-94 26.8	-103.8	39.5	111.0	1510	289.6*	6.8	-22.3	829.1	-0.3*	23.1	-32767.0*	-16.9	-18.9	0.3
16:25:00	29 27.3	-94 26.6	-103.6	39.9	111.0	1718	289.3*	6.6	-22.4	249.2*	0.9*	23.5	-32767.0*	13.6	13.6	0.0
16:25:00	29 27.3	-94 26.8	-102.9	42.5	111.4	1722	0.0	39.6	-5.9	66.3*	71.6	50.0	-32767.0*	16.5	16.5	-32767.0
16:24:59	29 27.3	-94 26.8	-32767.0	-32767.0	-32767*	1726	26.6	-2.2	-0.9	64.3	68.4*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:25:30	29 27.0	-94 28.7	-83.1	-77.5	113.6	1510	226.3*	5.1*	-24.4*	810.8	-0.3*	22.0	-32767.0*	-16.9	-18.9	0.3
16:25:30	29 27.0	-94 28.5	-82.9	-77.1	113.2	1908	225.9*	4.9*	-24.5*	249.2*	0.9*	22.5	-32767.0*	13.4	13.4	0.0
16:25:30	29 27.0	-94 28.7	-85.3	-74.9	113.6	1913	0.0	38.0	-6.1	65.2*	70.3	50.0	-32767.0*	16.2	16.2	-32767.0
16:25:29	29 27.0	-94 28.7	-32767.0	-32767.0	-32767*	1918	26.2	-0.6	-0.3	63.3	67.0*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:26:00	29 25.3	-94 29.3	25.1	-113.2	116.0	6994*	167.0*	7.1	-19.9	794.1	-0.3*	22.1	-32767.0*	-16.9	-18.9	0.3
16:26:00	29 25.3	-94 29.1	25.3	-112.7	115.5	2083	166.6*	7.0	-20.0	249.2*	0.9*	22.5	-32767.0*	11.7	11.7	0.0
16:26:00	29 25.3	-94 29.4	22.2	-113.8	115.9	2081	0.0	36.4	-7.3	67.8*	72.9	50.0	-32767.0*	14.5	14.5	-32767.0
16:25:59	29 25.3	-94 29.4	-32767.0	-32767.0	-32767*	2091	25.8	1.4	0.4	65.8	69.9*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:26:30	29 24.0	-94 28.0	108.2	-36.1	114.0	7347*	107.8*	5.6	-21.9	772.6	-0.3*	20.1	-32767.0*	-16.9	-18.9	0.3
16:26:30	29 24.0	-94 27.8	108.3	-35.6	114.0	2318	107.5*	5.4	-22.0	249.2*	0.9*	20.8	-32767.0*	10.5	10.5	0.0
16:26:30	29 23.9	-94 28.1	106.8	-38.3	113.5	2321	0.0	34.4	-6.2	61.3*	65.9	50.0	-32767.0*	12.7	12.7	-32767.0
16:26:29	29 23.9	-94 28.0	-32767.0	-32767.0	-32767*	2328	25.5	-1.0	-0.3	59.5	63.0*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:27:00	29 24.4	-94 26.0	90.3	80.4	120.9	6888*	46.7*	6.3	-22.2	762.6	-0.3*	20.2	-32767.0*	-16.9	-18.9	0.3
16:27:00	29 24.4	-94 25.7	90.4	81.0	121.3	2386	46.3*	6.1	-22.2	249.2*	0.9*	20.7	-32767.0*	9.7	9.7	0.0
16:27:00	29 24.3	-94 26.0	92.0	78.1	120.7	2417	0.0	41.8	-4.8	67.2*	72.7	50.0	-32767.0*	11.7	11.7	-32767.0
16:26:59	29 24.3	-94 26.0	-32767.0	-32767.0	-32767*	2431	25.2	-3.8	-1.2	65.4	69.8*	0.0	-32767.0*	-32767.0	-32767.0	-327

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:27:30	29 26.1	-94 25.4	-33.9	114.2	119.2	1506	340.7*	5.4	-25.8	747.5	-0.3*	19.1	-32767.0*	-16.9	-18.9	0.3
16:27:30	29 26.1	-94 25.1	-33.8	114.8	119.7	2572	340.4*	5.2	-25.9	249.2*	0.9*	19.7	-32767.0*	9.6	9.6	0.0
16:27:30	29 26.0	-94 25.4	-31.0	115.5	119.6	2603	0.0	39.1	-5.5	65.4*	70.8	50.0	-32767.0*	12.1	12.1	-32767.0
16:27:29	29 26.1	-94 25.4	-32767.0	-32767.0	-32767*	2603	25.0	-4.6	-1.5	63.9	68.0*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:28:00	29 27.2	-94 27.0	-115.4	3.8	115.4	1506	268.2*	8.3	-26.4*	734.7	-0.3*	18.4	-32767.0*	-16.9	-18.9	0.3
16:28:00	29 27.3	-94 26.7	-115.3	4.4	115.3	2718	267.9*	8.0	-26.5*	249.2*	0.9*	19.0	-32767.0*	9.1	9.1	0.0
16:28:00	29 27.2	-94 27.0	-116.0	7.6	116.3	2732	0.0	41.2	-4.6	65.0*	70.4	50.0	-32767.0*	11.9	11.9	-32767.0
16:27:59	29 27.2	-94 27.0	-32767.0	-32767.0	-32767*	2742	24.8	-4.3	-1.4	63.2	67.7*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:28:30	29 26.3	-94 28.6	-45.4	-106.9	116.1	1506	201.8*	4.6	-24.8*	723.6	-0.3*	17.6	-32767.0*	-16.9	-18.9	0.3
16:28:30	29 26.3	-94 28.4	-45.1	-106.2	115.4	2845	201.5*	4.4	-25.0*	249.2*	0.9*	18.4	-32767.0*	8.7	8.7	0.0
16:28:30	29 26.3	-94 28.7	-48.6	-105.3	115.9	2867	0.0	39.0	-4.7	65.5*	70.9	50.0	-32767.0*	10.3	10.3	-32767.0
16:28:29	29 26.3	-94 28.7	-32767.0	-32767.0	-32767*	2873	24.6	-5.4	-1.7	64.2	68.1*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:29:00	29 24.5	-94 28.2	84.7	-78.3	115.3	1506	132.7*	8.9	-26.2	707.7	-0.3*	17.0	-32767.0*	-16.9	-18.9	0.3
16:29:00	29 24.6	-94 28.0	84.9	-77.5	115.0	3030	132.6*	8.7	-26.3	249.2*	0.9*	17.9	-32767.0*	7.5	7.5	0.0
16:29:00	29 24.5	-94 28.3	82.0	-80.8	115.2	3043	0.0	41.7	-3.2	61.9*	66.8	50.0	-32767.0*	10.4	10.4	-32767.0
16:28:59	29 24.5	-94 28.3	-32767.0	-32767.0	-32767*	3053	24.1	-0.1	-0.0	59.7	64.3*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:29:30	29 24.2	-94 26.2	111.5	44.2	120.0	1506	67.9*	5.9*	-23.6	695.3	-0.3*	16.2	-32767.0*	-16.9	-18.9	0.3
16:29:30	29 24.3	-94 25.9	111.7	45.0	120.4	3177	67.9*	5.6*	-23.8	249.2*	0.9*	17.4	-32767.0*	6.8	6.8	0.0
16:29:30	29 24.2	-94 26.3	112.1	41.6	119.6	3195	0.0	38.6	-3.6	59.5*	64.3	50.0	-32767.0*	7.9	7.9	-32767.0
16:29:29	29 24.2	-94 26.3	-32767.0	-32767.0	-32767*	3205	24.0	-2.3	-0.7	57.9	62.0*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:30:00	29 25.8	-94 25.0	-2.4	126.8	126.8	1506	355.4*	4.3	-27.2*	691.3	-0.3*	16.8	-32767.0*	-16.9	-18.9	0.3
16:30:00	29 25.9	-94 24.7	-2.2	127.5	127.5	3217	355.5*	4.0	-27.3*	249.2*	0.9*	17.5	-32767.0*	5.9	5.9	0.0
16:30:00	29 25.7	-94 25.0	0.9	126.8	126.9	3242	0.0	39.0	-4.8	67.2*	72.4	50.0	-32767.0*	7.4	7.4	-32767.0
16:29:59	29 25.7	-94 25.0	-32767.0	-32767.0	-32767*	3249	23.9	0.9	0.1	65.6	69.8*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:30:30	29 27.2	-94 26.3	-114.7	26.7	117.7	1506	278.8*	6.4	-28.1	678.3	-0.3*	15.6	-32767.0*	-16.9	-18.9	0.3
16:30:30	29 27.3	-94 26.0	-114.5	27.4	117.7	3371	278.8*	6.2	-28.3	249.2*	0.9*	16.6	-32767.0*	6.0	6.0	0.0
16:30:30	29 27.2	-94 26.3	-114.4	30.8	118.5	3432	0.0	43.7	-3.1	63.3*	68.4	50.0	-32767.0*	7.7	7.7	-32767.0
16:30:29	29 27.2	-94 26.3	-32767.0	-32767.0	-32767*	3400	23.6	2.0	0.6	61.4	65.9*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:31:00	29 26.5	-94 28.0	-51.1	-100.5	112.7	1506	205.5*	5.3	-28.8	665.1	-0.3*	14.6	-32767.0*	-16.9	-18.9	0.3
16:31:00	29 26.6	-94 27.8	-50.8	-99.7	111.9	3528	205.5*	5.1	-29.0	249.2*	0.9*	15.8	-32767.0*	4.8	4.8	0.0
16:31:00	29 26.5	-94 28.1	-55.0	-98.5	112.8	3587	0.0	44.9	-0.9	59.2*	64.4	50.0	-32767.0*	6.0	6.0	-32767.0
16:30:59	29 26.5	-94 28.1	-32767.0	-32767.0	-32767*	3564	23.5	-1.4	-0.4	57.6	61.9*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:31:30	29 24.8	-94 27.6	87.3	-82.5	120.1	1506	134.0*	5.0	-25.1	658.0	-0.3*	14.0	-32767.0*	-16.9	-18.9	0.3
16:31:30	29 24.9	-94 27.4	87.6	-81.7	119.8	3617	133.9*	4.8	-25.3	249.2*	0.9*	15.1	-32767.0*	4.3	4.3	0.0
16:31:30	29 24.8	-94 27.8	84.3	-84.9	119.6	3665	0.0	41.6	-3.2	61.4*	66.5	50.0	-32767.0*	5.8	5.8	-32767.0
16:31:29	29 24.8	-94 27.7	-32767.0	-32767.0	-32767*	3655	23.3	-0.4	-0.1	59.8	63.9*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:32:00	29 24.3	-94 25.5	121.2	27.2	124.2	6777*	76.4*	6.9	-19.5	648.0	-0.3*	13.1	-32767.0*	-16.9	-18.9	0.3
16:32:00	29 24.5	-94 25.2	121.4	28.0	124.6	3741	76.2*	6.7	-19.6	249.3*	0.9*	14.3	-32767.0*	4.0	4.0	0.0
16:32:00	29 24.3	-94 25.6	121.5	24.5	124.0	3772	0.0	44.0	-1.8	60.4*	65.4	50.0	-32767.0*	5.4	5.4	-32767.0
16:31:59	29 24.3	-94 25.6	-32767.0	-32767.0	-32767*	3775	23.5	1.0	0.4	58.6	63.4*	0.0	-32767.0*	-32767.0	-32767.0	-327

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:32:30	29 25.6	-94 23.8	45.6	119.4	127.8	6641*	18.1*	5.1	-23.2*	641.3	-0.3*	12.9	-32767.0*	-16.9	-18.9	0.3
16:32:30	29 25.7	-94 23.5	45.8	120.2	128.6	3820	17.8*	5.0	-23.3*	249.3*	0.9*	14.1	-32767.0*	3.1	3.1	0.0
16:32:30	29 25.5	-94 23.9	48.3	118.3	127.7	3849	0.0	45.7	-1.1	62.0*	67.2	50.0	-32767.0*	4.4	4.4	-32767.0
16:32:29	29 25.5	-94 23.9	-32767.0	-32767.0	-32767*	3860	23.2	0.5	0.2	60.3	64.9*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:33:00	29 27.6	-94 24.1	-73.4	102.1	125.7	6620*	320.1*	6.4	-19.8	633.7	-0.3*	12.7	-32767.0*	-16.9	-18.9	0.3
16:33:00	29 27.7	-94 23.8	-73.2	102.8	126.2	3920	319.8*	6.3	-19.9	330.7*	0.9*	13.7	-32767.0*	3.3	3.3	0.0
16:33:00	29 27.5	-94 24.2	-71.8	104.0	126.4	3953	0.0	38.8	-5.2	64.2*	69.2	50.0	-32767.0*	4.7	4.7	-32767.0
16:32:59	29 27.5	-94 24.2	-32767.0	-32767.0	-32767*	3957	23.2	0.5	0.1	62.6	67.0*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:33:30	29 28.4	-94 26.0	-115.6	-6.8	115.8	7219*	262.9*	5.9*	-23.1*	620.2	-0.3*	11.4	-32767.0*	-16.9	-18.9	0.3
16:33:30	29 28.6	-94 25.7	-115.4	-6.1	115.6	4093	262.6*	5.7*	-23.1*	295.0	0.9*	12.7	-32767.0*	2.2	2.2	0.0
16:33:30	29 28.4	-94 26.1	-116.3	-3.5	116.4	4126	0.0	42.0	-2.0	59.6*	64.3	50.0	-32767.0*	3.4	3.4	-32767.0
16:33:29	29 28.4	-94 26.1	-32767.0	-32767.0	-32767*	4130	23.1	3.7	1.2	57.8	62.4*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:34:00	29 27.4	-94 27.7	-53.1	-105.3	117.9	7269*	205.5*	5.2	-23.6*	614.3	-0.4*	10.9	-32767.0*	-16.9	-18.9	0.7
16:34:00	29 27.6	-94 27.4	-52.9	-104.5	117.1	4166	205.1*	5.0	-23.7*	300.0	0.9*	12.1	-32767.0*	2.2	2.2	0.0
16:34:00	29 27.4	-94 27.8	-56.4	-103.5	117.9	4206	0.0	42.3	-2.4	60.6*	65.6	50.0	-32767.0*	3.2	3.2	-32767.0
16:33:59	29 27.4	-94 27.8	-32767.0	-32767.0	-32767*	4209	22.8	0.9	0.4	59.0	63.6*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:34:30	29 25.6	-94 27.4	76.6	-96.8	123.4	6196*	142.2*	5.1	-25.1	607.9	-0.3*	10.7	-32767.0*	-16.9	-18.9	0.2
16:34:30	29 25.8	-94 27.2	76.8	-96.0	122.9	4256	141.8*	4.9	-25.2	304.7	0.9*	11.9	-32767.0*	1.6	1.6	0.0
16:34:30	29 25.6	-94 27.6	73.5	-98.6	122.9	4294	0.0	40.8	-2.7	61.0*	66.1	50.0	-32767.0*	2.5	2.5	-32767.0
16:34:29	29 25.6	-94 27.6	-32767.0	-32767.0	-32767*	4296	22.6	-2.3	-0.6	59.7	63.9*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:35:00	29 24.9	-94 25.4	126.9	14.1	127.6	6446*	83.6*	6.5	-21.5	599.3	-0.4*	10.0	-32767.0*	-16.9	-18.9	0.7
16:35:00	29 25.1	-94 25.1	127.0	15.0	127.9	4366	83.3*	6.3	-21.6	305.8	0.9*	11.2	-32767.0*	0.7	0.7	0.0
16:35:00	29 24.9	-94 25.6	126.8	11.3	127.3	4404	0.0	41.0	-2.9	59.9*	65.0	50.0	-32767.0*	1.7	1.7	-32767.0
16:34:59	29 24.9	-94 25.5	-32767.0	-32767.0	-32767*	4395	22.5	-1.8	-0.4	58.5	63.0*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:35:30	29 25.8	-94 23.3	96.0	84.0	127.6	5675*	47.6*	5.6	-7.2*	588.8	-0.3*	9.0	-32767.0*	-16.9	-18.9	0.3
16:35:30	29 26.1	-94 23.0	96.2	84.9	128.2	4509	47.6*	5.4	-7.3*	307.0	0.9*	10.2	-32767.0*	0.1	0.1	0.0
16:35:30	29 25.8	-94 23.5	96.4	83.3	127.4	4546	0.0	38.9	-2.9	59.1*	63.8	50.0	-32767.0*	0.9	0.9	-32767.0
16:35:29	29 25.8	-94 23.5	-32767.0	-32767.0	-32767*	4549	22.8	0.3	0.3	57.6	62.1*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:36:00	29 27.4	-94 21.7	73.2	105.4	128.3	6919*	33.8*	4.9	-4.8*	580.9	-0.3*	8.3	-32767.0*	-16.9	-18.9	0.3
16:36:00	29 27.6	-94 21.4	73.3	106.3	129.1	4618	33.8*	4.7	-4.9*	307.6	0.9*	9.6	-32767.0*	-0.1	-0.1	0.0
16:36:00	29 27.3	-94 21.9	73.3	105.2	128.2	4655	0.0	35.2	-4.3	58.6*	62.9	50.0	-32767.0*	0.5	0.5	-32767.0
16:35:59	29 27.3	-94 21.9	-32767.0	-32767.0	-32767*	4660	22.6	2.0	0.9	57.0	61.4*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:36:30	29 29.2	-94 20.5	60.7	115.6	130.5	6524*	27.2	7.0	5.8*	572.6	-0.3*	8.0	-32767.0*	-16.9	-18.9	0.3
16:36:30	29 29.5	-94 20.2	60.8	116.4	131.4	4725	27.0	6.9	5.6*	308.2	0.9*	9.2	-32767.0*	-0.9	-1.0	0.0
16:36:30	29 29.2	-94 20.7	59.9	116.1	130.7	4761	0.0	36.9	-4.0	59.9*	64.3	50.0	-32767.0*	-0.1	-0.1	-32767.0
16:36:29	29 29.2	-94 20.7	-32767.0	-32767.0	-32767*	4766	22.6	5.2	1.9	58.2	62.9*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:37:00	29 30.8	-94 19.0	107.3	74.9	130.9	6290*	56.8*	7.1	17.2	562.8	-0.3*	7.3	-32767.0*	-16.9	-18.9	0.3
16:37:00	29 31.1	-94 18.7	107.4	75.8	131.5	4693	56.5*	6.9	17.1	308.7	0.9*	8.6	-32767.0*	-1.7	-2.0	0.0
16:37:00	29 30.8	-94 19.3	105.9	76.8	130.8	4887	0.0	40.3	-2.5	58.7*	63.1	50.0	-32767.0*	-0.8	-0.9	-32767.0
16:36:59	29 30.8	-94 19.2	-32767.0	-32767.0	-32767*	4897	22.4	4.4	1.8	57.0	62.3*	0.0	-32767.0*	-32767.0	-32767.0	-327

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:37:30	29 31.3	-94 16.7	127.6	-28.3	130.7	6567*	106.7*	4.8	26.5*	556.5	-0.3*	7.1	-32767.0*	-16.9	-18.9	0.3
16:37:30	29 31.6	-94 16.4	127.8	-27.4	130.7	4805*	106.9*	4.6	26.3*	307.6	0.9*	8.4	-32767.0*	-2.0	-2.3	0.0
16:37:30	29 31.3	-94 17.0	128.1	-24.8	130.5	4975	0.0	43.6	-1.3	61.7*	66.2	50.0	-32767.0*	-1.1	-1.2	-32767.0
16:37:29	29 31.3	-94 17.0	-32767.0	-32767.0	-32767*	4981	22.0	6.7	2.6

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:42:30	29	18.3	-93	56.5	102.1	-90.0	136.1	6360*	134.6	3.3	-1.1	555.6	-0.3*	8.0	-32767.0*	-16.9	-18.9	0.3
16:42:30	29	18.7	-93	56.2	102.3	-89.3	135.8	4870*	134.3	3.1	-1.2	293.6	173.2*	8.5	-32767.0*	-2.4	-2.7	0.0
16:42:30	29	18.3	-93	56.8	101.9	-90.0	135.9	5011	0.0	33.0	-7.7	66.6*	72.2	50.0	-32767.0*	-1.4	-1.5	-32767.0
16:42:29	29	18.3	-93	56.8	-32767.0	-32767.0	-32767*	5015	22.0	-11.6	-3.3	66.7	71.1*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:43:00	29	16.8	-93	54.6	101.9	-89.7	135.8	7190*	134.3	3.3	-0.6	555.7	-0.3*	7.7	-32767.0*	-16.9	-18.9	0.3
16:43:00	29	17.2	-93	54.3	102.1	-89.0	135.4	4831	134.2	3.1	-0.7	293.3	173.2*	8.2	-32767.0*	-1.5	-1.7	0.0
16:43:00	29	16.9	-93	54.9	101.7	-89.7	135.6	5012	0.0	33.0	-7.7	66.2*	71.6	50.0	-32767.0*	-0.7	-0.8	-32767.0
16:42:59	29	16.8	-93	54.9	-32767.0	-32767.0	-32767*	5015	22.0	-9.9	-2.8	66.2	70.6*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:43:30	29	15.3	-93	52.7	101.0	-90.0	135.3	6542*	134.5	3.4	-0.9	555.6	100.2*	7.6	0.3	-16.9	-18.9	0.3
16:43:30	29	15.8	-93	52.4	101.1	-89.3	134.9	4842*	134.5	3.2	-1.0	999.3*	173.2*	8.2	0.6	-1.7	-1.9	0.0
16:43:30	29	15.4	-93	53.1	100.8	-90.0	135.1	5013	0.0	34.2	-7.5	67.2*	72.7	50.0	41.3	-0.8	-0.9	22.4
16:43:29	29	15.4	-93	53.0	273.5	276.1	117	5015	21.9	-10.8	-3.1	67.3	71.7*	0.0	244.8	290.5	12.8	123.4
16:44:00	29	13.9	-93	50.9	101.0	-91.5	136.3	6823*	135.4	1.9*	-1.6	557.1	103.7*	8.1	0.7	-16.9	-18.9	0.3
16:44:00	29	14.3	-93	50.5	101.2	-90.9	136.0	4793	135.1	1.8*	-1.7	1029.0	173.2*	8.6	0.9	-1.5	-1.7	0.0
16:44:00	29	13.9	-93	51.2	100.7	-91.5	136.0	4990	0.0	31.7	-8.6	67.5*	73.3	50.0	41.2	-0.6	-0.6	21.8
16:43:59	29	13.9	-93	51.2	271.7	274.2	-130*	4998	21.5	-14.6	-4.4	68.0	72.1*	0.0	248.9	291.4	13.6	123.8
16:44:30	29	12.4	-93	49.0	102.2	-95.8	140.0	7042*	135.8	1.1	-0.6	564.2	105.3*	9.2	1.7	-16.9	-18.9	0.3
16:44:30	29	12.8	-93	48.6	102.3	-95.1	139.7	4766	135.5	1.0	-0.7	1042.7	173.2*	9.6	1.9	-2.4	-2.7	0.0
16:44:30	29	12.4	-93	49.3	101.9	-95.7	139.8	4891	0.0	30.8	-10.8	73.1*	78.7	50.0	41.2	-1.4	-1.6	20.2
16:44:29	29	12.4	-93	49.3	271.6	274.1	-243*	4895	21.9	-10.0	-2.7	73.6	78.0*	0.0	250.7	297.1	16.8	124.1
16:45:00	29	10.8	-93	47.2	97.9	-97.0	137.8	6324*	137.2	3.2	-3.6	566.2	103.8*	8.9	1.6	-16.9	-18.9	0.3
16:45:00	29	11.2	-93	46.8	98.0	-96.4	137.5	4721	137.2	3.0	-3.7	1045.9	0.9*	9.3	1.7	-0.9	-1.0	0.0
16:45:00	29	10.8	-93	47.5	97.6	-97.3	137.8	4863	0.0	32.6	-9.5	71.0*	76.6	50.0	41.3	0.1	0.1	20.5
16:44:59	29	10.8	-93	47.5	271.2	273.7	-268*	4867	21.9	-9.4	-2.6	71.2	75.7*	0.0	249.0	297.5	15.6	123.0
16:45:30	29	9.3	-93	45.3	99.6	-90.9	134.8	7529*	135.2	3.3	-0.8	566.1	104.7*	8.6	1.2	-16.9	-18.9	0.3
16:45:30	29	9.7	-93	45.0	99.8	-90.3	134.5	4752*	135.2	3.1	-1.0	1048.9	0.9*	9.1	1.5	-1.5	-1.7	0.0
16:45:30	29	9.3	-93	45.7	99.6	-90.9	134.8	4868	0.0	33.5	-7.9	67.0*	72.6	50.0	41.3	-0.6	-0.7	21.0
16:45:29	29	9.3	-93	45.6	270.7	273.1	-292*	4870	21.8	-10.8	-3.1	67.1	71.5*	0.0	250.0	290.3	12.6	123.3
16:46:00	29	7.8	-93	43.5	98.9	-89.4	133.3	6789*	135.2	3.5	-0.9	566.2	105.5*	8.2	0.9	-16.9	-18.9	0.3
16:46:00	29	8.3	-93	43.1	99.0	-88.9	133.1	4732	134.9	3.3	-1.0	1048.9	0.9*	8.9	1.3	-0.5	-0.6	0.0
16:46:00	29	7.9	-93	43.8	98.8	-89.4	133.3	4867	0.0	33.9	-7.5	66.4*	71.9	50.0	41.2	0.1	0.1	21.5
16:45:59	29	7.8	-93	43.8	270.3	272.8	-292*	4870	22.1	-11.0	-3.2	66.4	70.8*	0.0	250.9	284.5	11.1	123.7
16:46:30	29	6.4	-93	41.7	99.1	-89.0	133.2	6812*	135.2	3.4	-1.1	566.2	108.1*	8.4	0.8	-16.9	-18.9	0.3
16:46:30	29	6.9	-93	41.3	99.2	-88.5	133.0	4723	134.8	3.2	-1.2	1048.9	155.6*	9.1	1.3	-0.8	-0.9	0.0
16:46:30	29	6.4	-93	42.0	99.1	-89.0	133.2	4867	0.0	34.2	-7.3	66.4*	71.9	50.0	41.0	0.0	0.0	21.6
16:46:29	29	6.4	-93	42.0	270.3	272.7	-292*	4870	22.1	-11.3	-3.3	66.3	70.7*	0.0	254.0	278.0	9.9	125.1
16:47:00	29	4.9	-93	39.8	99.2	-89.3	133.5	6936*	134.8	3.4	-0.8	566.2	109.4*	8.1	0.6	-16.9	-18.9	0.3
16:47:00	29	5.4	-93	39.5	99.3	-88.8	133.2	4757	134.7	3.2	-0.9	1048.9	173.2*	8.9	1.1	-0.2	-0.3	0.0
16:47:00	29	5.0	-93	40.2	99.1	-89.3	133.4	4869	0.0	34.2	-6.8	65.1*	70.5	50.0	40.9	0.6	0.6	22.0
16:46:59	29	5.0	-93	40.2	270.0	272.4	-292*	4870	22.0	-11.2	-3.2	65.0	69.4*	0.0	255.4	282.3	9.0	125.8

A/C 43, Flgt 060911I, Micro99 date 2006/09/11, Proj TexAQS Run on Fri Mar 23 10:34:50 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
16:47:30	29	3.5	-93	38.0	97.9	-87.2	131.1	6812*	134.5	5.5	-0.5	559.2	109.2*	7.6	0.0	-16.9	-18.9	0.3
16:47:30	29	4.0	-93	37.6	98.0	-86.7	130.8	4806	134.5	5.3	-0.7	1048.9	73.0*	8.5	0.6	-1.8	-2.0	0.0
16:47:30	29	3.5	-93	38.3	97.9	-87.2	131.2	4966	0.0	34.0	-6.0	62.6*	67.8	50.0	40.9	-0.9	-1.0	22.9
16:47:29	29	3.5	-93	38.3	269.5	271.9	-292*	4967	22.0	-10.2	-2.9	62.1	66.6*	0.0	255.2	271.5	7.4	125.6
16:48:00	29	2.1	-93	36.2	100.5	-89.3	134.4	6809*	134.4	3.3	-0.5	556.5	108.0*	7.7	0.2	-16.9	-18.9	0.3
16:48:00	29	2.6	-93	35.8	100.6	-88.8	134.2	4788*	134.1	3.1	-0.6	1048.9	0.9*	8.4	0.7	-2.2	-2.5	0.0
16:48:00	29	2.1	-93	36.5	100.4	-89.2	134.3	5009	0.0	32.5	-7.6	65.4*	70.7	50.0	41.0	-1.3	-1.5	22.6
16:47:59	29	2.1	-93	36.5	269.7	272.1	-292*	5008	21.5	-10.6	-3.0	65.2	69.6*	0.0	253.8	286.5	10.6	124.9
16:48:30	29	0.6	-93	34.3	102.5	-91.7	137.5	6616*	135.0	3.2	-0.9	556.4	108.6*	8.1	0.6	-16.9	-18.9	0.3
16:48:30	29	1.1	-93	33.9	102.6	-91.2	137.3	4812	134.7	3.0	-1.0	1048.9	0.9*	8.7	0.8	-2.3	-2.7	0.0
16:48:30	29	0.6	-93	34.6	102.5	-91.6	137.5	5011	0.0	31.6	-8.9	68.1*	73.7	50.0	41.0	-1.6	-1.8	22.0
16:48:29	29	0.6	-93	34.6	270.0	272.5	-292*	5009	21.9	-12.4	-3.6	68.2	72.6*	0.0	254.5	288.7	13.3	125.3
16:49:00	28	59.1	-93	32.4	103.2	-93.5	139.3	6897*	135.3	2.9	-1.0	556.4	109.2*	8.6	1.1	-16.9	-18.9	0.3
16:49:00	28	59.6	-93	32.0	103.3	-93.1	139.0	4864*	135.3	2.7	-1.1	1048.9	0.9*	9.1	1.2	-2.7	-3.1	0.0
16:49:00	28	59.1	-93	32.7	103.2	-93.5	139.3	5012	0.0	29.7	-10.5	70.5*	76.1	50.0	40.9	-1.8	-2.0	21.3
16:48:59	28	59.1	-93	32.7	270.5	272.9	-292*	5010	19.7	-12.3	-3.5	70.8	75.1*	0.0	255.1	291.4	14.6	125.8
16:49:30	28	57.6	-93	30.5	103.1	-95.0	140.2	6468*	135.0	3.0	-0.6	556.3	109.7*	8.7	1.1	-16.9	-18.9	0.3
16:49:30	28	58.1	-93	30.1	103.2	-94.6	140.0	4785*	135.0	2.8	-0.8	1048.9	0.9*	9.2	1.2	-2.5	-2.9	0.0
16:49:30	28	57.6	-93	30.8	103.2	-94.9	140.2	5011	0.0	30.8	-9.9	70.3*	75.9	50.0	40.9	-1.6	-1.8	21.2
16:49:29	28	57.6	-93	30.8	270.5	273.0	-292*	5009	21.8	-11.0	-3.1	70.5	74.9*	0.0	255.7	297.8	14.7	126.1
16:50:00	28	56.0	-93	28.6	103.6	-96.0	141.2	7115*	134.8	2.8	-0.8	556.2	110.2*	8.6	1.0	-16.9	-18.9	0.3
16:50:00	28	56.6	-93	28.2	103.7	-95.6	141.0	4840	134.5	2.6	-0.9	1048.9	0.9*	9.1	1.1	-2.4	-2.7	0.0
16:50:00	28	56.1	-93	28.9	103.6	-95.9	141.2	5013	0.0	30.3	-10.3	70.8*	76.4	50.0	40.9	-1.5	-1.7	21.4
16:49:59	28	56.1	-93	28.9	270.4	272.9	-292*	5010	22.0	-10.2	-2.8	71.0	75.5*	0.0	256.3	300.8	15.3	126.3
16:50:30	28	54.4	-93	26.7	104.9	-97.1	143.0	7001*	134.9	2.8	-0.7	556.3	112.0*	8.4	-0.7	-16.9	-18.9	0.3
16:50:30	28	55.0	-93	26.3	105.0	-96.7	142.8	4821	134.6	2.6	-0.8	880.4*	0.9*	8.8	-0.7	-2.2	-2.4	0.0
16:50:30	28	54.5	-93	27.0	105.0	-97.1	143.0	5013	0.0	29.0	-11.3	72.0*	77.5	50.0	39.1	-1.2	-1.4	24.1
16:50:29	28	54.5	-93	27.0	282.6	285.6	1170*	5010	21.7	-10.0	-2.7	72.2	76.7*	0.0	258.3	275.0	6.2	138.1
16:51:00	28	52.9	-93	24.7	105.7	-98.3	144.3	7067*	135.0	2.4	-0.6	556.2	36.1*	8.8	6.2	-16.9	-18.9	0.3
16:51:00	28	53.4	-93	24.3	105.7	-98.0	144.2	4842	134.9	2.2	-0.8	1048.9	35.9	9.2	6.4	-1.8	-2.1	0.0
16:51:00	28	52.9	-93	25.1	105.8	-98.3	144.4	5015	0.0	28.2	-12.6	74.7*	80.4	50.0	46.8	-1.0	-1.2	14.8
16:50:59	28	52.9	-93	25.1	275.5	278.0	-292*	5010	21.5	-11.0	-3.0	75.2	79.7*	0.0	148.6	311.4	70.5	73.9
16:51:30	28	51.3	-93	22.8	105.7	-97.8	143.9	6114*	135.2	2.5	-1.0	556.4	110.8*	8.8	1.1	-16.9	-18.9	0.3
16:51:30	28	51.8	-93	22.4	105.7	-97.4	143.8	4819	135.2	2.4	-1.2	1048.9	0.9*	9.1	1.1	-2.0	-2.3	0.0
16:51:30	28	51.3	-93	23.1	105.8	-97.8	144.1	5011	0.0	28.8	-12.2	74.2*	80.0	50.0	40.8	-1.1	-1.2	21.2
16:51:29	28	51.3	-93	23.1	270.6	273.0	-292*	5008	22.3	-11.7	-3.2	74.7	79.3*	0.0	256.9	300.2	17.8	126.7
16:52:00	28	49.7	-93	20.8	104.5	-96.4	142.2	6234*	134.8	4.1*	-3.0*	556.5	111.6*	8.6	0.8	-16.9	-18.9	0.3
16:52:00	28	50.3	-93	20.5	104.5	-96.1	142.0	4842*	134.5	2.7	-1.1	1048.9	0.9*	8.9	0.9	-1.5	-1.7	0.0
16:52:00	28	49.7	-93	21.2	104.7	-96.4	142.3	5008	0.0	30.2	-10.8	72.0*	77.7	50.0	40.8	-0.5	-0.5	21.6
16:51:59	28	49.7	-93	21.2	270.3	272.7	-292*	5007	22.2	-11.2	-3.1	72.4	76.9*	0.0	257.9	299.8	15.6	127.1

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:52:30	28	48.1	-93	18.9	103.7	-95.4	140.9	6710*	134.5	3.0	-1.0	556.6	49.3*	8.5	4.9	-16.9	-18.9	0.3
16:52:30	28	48.7	-93	18.5	103.7	-95.1	140.7	4811	134.2	2.8	-1.1	1048.9	34.2*	9.0	5.3	-1.7	-1.9	0.0
16:52:30	28	48.2	-93	19.3	103.9	-95.4	141.0	5008	0.0	30.4	-10.4	71.2*	76.8	50.0	45.7	-0.9	-1.0	16.1
16:52:29	28	48.2	-93	19.2	274.3	276.8	-292*	5006	22.4	-11.5	-3.2	71.5	76.0*	0.0	173.2	310.7	55.0	86.0
16:53:00	28	46.6	-93	17.0	102.7	-94.8	139.8	6737*	134.4	2.9	-1.1	556.4	35.6*	8.1	5.5	-16.9	-18.9	0.4
16:53:00	28	47.2	-93	16.6	102.8	-94.6	139.7	4819*	134.3	2.7	-1.3	1048.9	31.9*	8.6	5.9	-2.1	-2.3	0.0
16:53:00	28	46.6	-93	17.4	102.9	-94.9	140.0	5010	0.0	30.3	-10.2	70.7*	76.2	50.0	46.9	-1.3	-1.5	15.5
16:52:59	28	46.6	-93	17.3	274.9	277.4	-292*	5007	22.3	-10.4	-2.8	71.0	75.4*	0.1	147.4	311.5	66.6	73.2
16:53:30	28	45.1	-93	15.1	102.1	-94.2	138.9	6940*	134.4	3.1	-1.0	556.7	36.8*	8.1	5.4	-16.9	-18.9	0.3
16:53:30	28	45.6	-93	14.8	102.1	-93.9	138.7	4849*	134.4	2.9	-1.1	1048.9	31.2*	8.6	5.8	-2.1	-2.3	0.0
16:53:30	28	45.1	-93	15.5	102.3	-94.2	139.1	5008	0.0	31.8	-9.1	69.3*	74.8	50.0	46.8	-1.2	-1.3	15.6
16:53:29	28	45.1	-93	15.5	274.8	277.2	-292*	5006	22.3	-10.9	-3.0	69.4	73.9*	0.0	149.9	311.5	64.5	74.4
16:54:00	28	43.5	-93	13.3	101.3	-93.6	137.9	7096*	134.4	3.2	-0.8	556.7	-0.3*	8.1	-32767.0*	-16.9	-18.9	0.3
16:54:00	28	44.1	-93	12.9	101.3	-93.4	137.8	4770*	134.1	3.0	-0.9	1048.9	173.2*	8.6	-32767.0*	-2.3	-2.6	0.0
16:54:00	28	43.6	-93	13.6	101.5	-93.6	138.1	5007	0.0	32.4	-8.4	68.1*	73.6	50.0	-32767.0*	-1.4	-1.6	-32767.0
16:53:59	28	43.6	-93	13.6	-32767.0	-32767.0	-32767*	5006	20.8	-10.7	-2.9	68.2	72.7*	0.0	-32767.0*	-32767.0	-32767.0	-327
16:54:30	28	42.0	-93	11.4	100.3	-92.9	136.7	6828*	134.4	3.3	-0.9	556.7	72.6	8.0	2.8*	-16.9	-18.9	0.3
16:54:30	28	42.6	-93	11.0	100.3	-92.8	136.6	4769*	134.1	3.1	-1.0	1048.9	0.9*	8.6	3.2*	-2.2	-2.5	0.0
16:54:30	28	42.1	-93	11.7	100.6	-93.0	137.0	5007	0.0	32.5	-8.1	67.3	72.8	50.0	43.8*	-1.4	-1.6	18.8
16:54:29	28	42.1	-93	11.7	272.2	274.7	-292*	5007	20.7	-10.6	-2.9	67.4	71.9	0.0	209.3	310.0	33.3	103.5
16:55:00	28	40.5	-93	9.6	96.4	-95.9	135.9	6226*	136.7	3.1	1.7	556.5	112.0*	8.0	0.2	-16.9	-18.9	0.3
16:55:00	28	41.1	-93	9.2	96.4	-95.7	135.8	4856	136.7	2.9	1.5	1048.9	0.9*	8.6	0.6	-2.2	-2.5	0.0
16:55:00	28	40.6	-93	9.9	96.9	-95.6	136.1	5007	0.0	33.4	-7.6	66.4*	71.8	50.0	40.7	-1.6	-1.8	22.6
16:54:59	28	40.6	-93	9.9	269.7	272.1	-292*	5009	22.4	-11.1	-3.1	66.4	71.0*	0.0	258.3	300.8	9.1	127.2
16:55:30	28	38.9	-93	7.9	92.8	-99.2	135.8	6406*	138.2	3.4	-0.4	556.8	113.0*	8.0	0.2	-16.9	-18.9	0.3
16:55:30	28	39.5	-93	7.5	92.7	-99.1	135.7	4863*	138.1	3.2	-0.6	1048.9	0.9*	8.6	0.5	-2.4	-2.7	0.0
16:55:30	28	39.0	-93	8.2	93.1	-99.2	136.0	5007	0.0	33.2	-7.4	66.2*	71.7	50.0	40.7	-1.5	-1.7	22.7
16:55:29	28	39.0	-93	8.1	269.6	272.1	-292*	5008	22.0	-10.6	-3.0	66.2	70.7*	0.0	259.4	308.8	8.3	127.7
16:56:00	28	37.3	-93	6.2	92.2	-98.9	135.2	7000*	138.5	3.0	-0.9	556.6	112.7*	8.1	0.3	-16.9	-18.9	0.3
16:56:00	28	37.9	-93	5.8	92.2	-98.8	135.1	4837*	138.2	2.9	-1.0	1048.9	0.9*	8.6	0.5	-2.6	-3.0	0.0
16:56:00	28	37.4	-93	6.5	92.5	-98.9	135.4	5009	0.0	31.2	-8.6	67.1*	72.4	50.0	40.7	-1.9	-2.1	22.5
16:55:59	28	37.4	-93	6.4	269.7	272.2	-292*	5010	11.9	-10.1	-2.8	67.1	71.5*	0.0	259.1	302.3	8.0	127.5
16:56:30	28	35.7	-93	4.5	91.3	-98.8	134.5	6980*	138.7	3.4	-0.7	556.9	113.8*	8.1	0.2	-16.9	-18.9	0.3
16:56:30	28	36.3	-93	4.1	91.3	-98.7	134.4	4850	138.4	3.2	-0.8	1048.9	0.9*	8.8	0.6	-2.8	-3.1	0.0
16:56:30	28	35.8	-93	4.8	91.6	-98.8	134.7	5011	0.0	33.2	-7.7	66.4*	71.9	50.0	40.6	-1.8	-2.0	22.6
16:56:29	28	35.8	-93	4.7	269.7	272.1	-292*	5006	22.3	-11.5	-3.2	66.5	71.0*	0.0	260.3	304.1	6.6	128.1
16:57:00	28	34.1	-93	2.8	91.3	-99.4	135.0	6455*	138.7	3.3	-0.7	556.7	114.4*	8.1	0.2	-16.9	-18.9	0.3
16:57:00	28	34.7	-93	2.4	91.3	-99.3	134.9	4858*	138.6	3.0	-0.9	1048.9	0.9*	8.8	0.5	-3.2	-3.6	0.0
16:57:00	28	34.2	-93	3.1	91.7	-99.3	135.2	5011	0.0	32.5	-7.9	66.9*	72.3	50.0	40.5	-2.1	-2.4	22.6
16:56:59	28	34.2	-93	3.1	269.7	272.1	-292*	5009	22.4	-10.2	-2.8	66.9	71.4*	0.0	261.0	305.3	6.7	128.5

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:57:30	28	32.5	-93	1.1	91.5	-100.8	136.1	6333*	138.9	3.1	-0.6	556.6	111.9*	8.4	0.7	-16.9	-

A/C 43, Flgt 060911I, Micro99 date 2006/09/11, Proj TexAQS Run on Fri Mar 23 10:34:50 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
17:02:30	28	17.2	-92	42.4	108.3	-91.0	141.5	6578*	131.0	2.8	-0.9	556.9	113.5*	9.1	1.2	-16.9	-18.9	0.4
17:02:30	28	17.8	-92	42.0	108.2	-91.1	141.5	4848	130.7	2.6	-1.0	1048.9	0.9*	9.4	1.3	-3.2	-3.6	0.0
17:02:30	28	17.2	-92	42.6	108.8	-91.0	141.9	5005	0.0	28.8	-11.6	72.9*	78.5	50.0	40.6	-2.1	-2.4	21.0
17:02:29	28	17.2	-92	42.6	270.7	273.1	-292*	5006	22.3	-10.2	-2.8	73.3	77.9*	0.0	259.9	306.3	13.3	128.2
17:03:00	28	15.7	-92	40.4	108.4	-90.8	141.4	6191*	130.8	2.7	-0.8	556.8	115.2*	8.9	0.9	-16.9	-18.9	0.4
17:03:00	28	16.3	-92	40.0	108.4	-90.9	141.4	4812*	130.7	2.5	-0.9	1048.9	0.9*	9.2	0.9	-2.3	-2.6	0.0
17:03:00	28	15.8	-92	40.6	109.0	-90.7	141.8	5007	0.0	28.7	-11.7	72.9*	78.4	50.0	40.5	-1.3	-1.4	21.5
17:02:59	28	15.7	-92	40.6	270.4	272.8	-292*	5007	22.2	-9.6	-2.6	73.2	77.8*	0.0	261.9	305.9	12.4	129.1
17:03:30	28	14.1	-92	38.5	101.5	-98.2	141.2	6233*	134.9	2.8	-0.2	556.9	115.9*	9.0	1.0	-16.9	-18.9	0.4
17:03:30	28	14.7	-92	38.1	101.4	-98.2	141.2	4830	134.9	2.6	-0.4	1048.9	0.9*	9.3	1.0	-2.5	-2.8	0.0
17:03:30	28	14.2	-92	38.7	102.1	-98.1	141.6	5006	0.0	28.9	-11.5	72.8*	78.4	50.0	40.4	-1.4	-1.6	21.4
17:03:29	28	14.2	-92	38.7	270.4	272.9	-292*	5006	22.2	-10.2	-2.8	73.1	77.7*	0.0	262.6	311.3	11.8	129.4
17:04:00	28	12.5	-92	36.6	101.2	-98.6	141.3	6442*	135.3	2.7	-0.6	556.9	116.3*	8.6	0.5	-16.9	-18.9	0.5
17:04:00	28	13.1	-92	36.3	101.2	-98.7	141.3	4846	135.0	2.5	-0.8	1048.9	1.9*	8.9	0.6	-2.3	-2.6	0.0
17:04:00	28	12.6	-92	36.8	101.8	-98.5	141.7	5005	0.0	29.0	-11.3	72.2*	77.7	50.0	40.4	-1.5	-1.6	22.1
17:03:59	28	12.6	-92	36.8	270.0	272.4	-292*	5007	22.5	-10.4	-2.9	72.4	77.0*	0.0	263.1	309.6	11.8	129.6
17:04:30	28	10.9	-92	34.8	101.4	-99.1	141.8	6225*	135.4	2.7	-0.7	556.8	116.6*	8.9	0.8	-16.9	-18.9	0.4
17:04:30	28	11.5	-92	34.4	101.3	-99.2	141.8	4850	135.0	2.5	-0.8	1048.9	1.9*	9.2	0.9	-2.5	-2.8	0.0
17:04:30	28	11.0	-92	34.9	101.9	-99.1	142.1	5004	0.0	28.9	-11.5	72.8*	78.4	50.0	40.4	-1.8	-2.0	21.6
17:04:29	28	11.0	-92	34.9	270.3	272.7	-292*	5006	14.9	-9.6	-2.5	73.1	77.7*	0.0	263.4	308.7	12.1	129.8
17:05:00	28	9.3	-92	32.9	101.5	-99.8	142.3	5673*	135.7	2.7	-0.8	556.9	116.9*	9.0	0.9	-16.9	-18.9	0.4
17:05:00	28	9.9	-92	32.5	101.4	-99.9	142.4	4864	135.6	2.5	-0.9	1048.9	1.9*	9.3	0.9	-2.7	-3.1	0.0
17:05:00	28	9.4	-92	33.1	102.1	-99.8	142.7	5002	0.0	29.3	-11.3	72.6*	78.2	50.0	40.3	-1.8	-2.0	21.5
17:04:59	28	9.4	-92	33.1	270.4	272.8	-292*	5007	21.8	-10.7	-3.0	73.0	77.6*	0.0	263.7	308.5	12.5	130.0
17:05:30	28	7.7	-92	31.1	101.3	-100.0	142.4	6675*	135.7	2.5	-0.7	556.8	117.2*	9.3	1.2	-16.9	-18.9	0.4
17:05:30	28	8.3	-92	30.7	101.2	-100.1	142.4	4864*	135.7	2.4	-0.8	1048.9	0.9*	9.7	1.2	-3.1	-3.5	0.0
17:05:30	28	7.8	-92	31.2	101.9	-99.9	142.7	5003	0.0	28.0	-12.3	73.8*	79.5	50.0	40.3	-2.1	-2.4	21.0
17:05:29	28	7.8	-92	31.2	270.7	273.1	-292*	5009	22.2	-10.9	-3.0	74.3	79.0*	0.0	264.0	310.2	12.2	130.2
17:06:00	28	6.1	-92	29.2	100.9	-100.0	142.1	6076*	135.4	0.9	-0.7*	557.0	117.5*	9.4	1.3	-16.9	-18.9	0.5
17:06:00	28	6.7	-92	28.8	100.8	-100.2	142.1	4820*	135.1	0.8	-0.9*	1048.9	1.9*	9.8	1.3	-2.9	-3.2	0.0
17:06:00	28	6.2	-92	29.3	101.5	-100.0	142.5	5006	0.0	17.3	-17.3	75.1*	80.2	50.0	40.3	-1.8	-2.0	20.9
17:05:59	28	6.2	-92	29.3	270.7	273.2	-292*	5012	22.3	-5.4	-1.4	75.3	79.7*	0.0	264.4	308.7	11.8	130.4
17:06:30	28	4.4	-92	27.4	98.0	-101.8	141.3	6867	136.7	-0.9	-1.0	568.1	117.9*	10.0	1.8	-16.9	-18.9	0.5
17:06:30	28	5.0	-92	27.0	97.9	-102.0	141.4	4720	136.4	-1.0	-1.1	1048.9	1.9*	10.3	1.8	-1.7	-1.9	0.0
17:06:30	28	4.5	-92	27.5	98.6	-101.7	141.6	4850	0.0	31.4	-11.3	74.9*	80.8	50.0	40.3	-0.6	-0.7	20.1
17:06:29	28	4.5	-92	27.5	271.3	273.7	-292*	4852	22.6	-10.1	-2.7	75.8	80.4*	0.0	264.8	314.8	11.0	130.7
17:07:00	28	2.8	-92	25.6	100.5	-104.8	145.2	6923*	137.0	-1.5	-4.6	589.7	118.2*	12.6	4.3	-16.9	-18.9	0.4
17:07:00	28	3.3	-92	25.2	100.4	-104.9	145.2	4514	137.0	-1.6	-4.7	1048.9	1.9*	12.8	4.2	0.0	0.0	0.0
17:07:00	28	2.8	-92	25.7	100.9	-104.9	145.5	4557	0.0	26.8	-15.4	81.3*	87.5	50.0	40.2	1.1	1.1	16.9
17:06:59	28	2.8	-92	25.7	273.7	276.2	-292*	4553	23.1	-11.6	-3.1	82.6	87.3*	0.0	265.1	311.9	14.1	131.5

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:07:30	28	1.1	-92	23.7	107.8	-98.2	145.8	6323*	133.6	-2.6	-2.4	610.7	1.7*	13.6	13.4	-16.9	-18.9	0.5
17:07:30	28	1.7	-92	23.3	107.7	-98.3	145.8	4229	133.6	-2.8	-2.6	1048.9	2.9*	13.8	13.7	1.5	1.5	0.0
17:07:30	28	1.2	-92	23.8	108.4	-98.2	146.2	4273	0.0	19.5	-19.4	84.1*	89.8	50.0	49.8	2.5	2.5	9.0
17:07:29	28	1.4	-92	24.0	282.7	285.3	-292*	4309	23.8	-5.5	-1.3	84.9	89.6*	0.0	32.0	312.2	129.7	16.1
17:08:00	27	59.5	-92	21.7	110.8	-98.3	148.1	7072*	133.3	-2.7	-1.4	637.9	1.6*	15.8	15.7	-16.9	-18.9	0.5
17:08:00	28	0.1	-92	21.3	110.7	-98.4	148.1	3876	133.0	-2.8	-1.6	1048.9	2.9*	16.1	15.9	3.4	3.4	0.0
17:08:00	27	59.6	-92	21.8	111.5	-98.1	148.6	3916	0.0	24.3	-18.8	88.2*	94.6	50.0	49.8	4.5	4.5	7.8
17:07:59	27	59.6	-92	21.7	285.0	287.6	-292*	3914	10.0	-7.9	-1.9	89.3	94.3*	0.0	31.5	311.4	132.2	15.9
17:08:30	27	57.9	-92	19.6	115.2	-94.4	148.9	6897*	131.1	-2.6	-3.1	665.7	1.6*	17.5	17.4	-16.9	-18.9	0.4
17:08:30	27	58.5	-92	19.3	115.2	-94.5	149.0	3531	130.8	-2.8	-3.3	1048.9	2.9*	17.7	17.5	5.7	5.7	0.0
17:08:30	27	58.0	-92	19.7	115.9	-94.4	149.5	3568	0.0	22.5	-20.6	91.5*	98.0	50.0	49.8	7.1	7.1	7.0
17:08:29	27	58.0	-92	19.7	286.6	289.2	-292*	3565	23.4	-6.2	-1.6	92.5	97.6*	0.0	31.4	309.1	133.1	15.9
17:09:00	27	56.4	-92	17.5	116.9	-91.7	148.6	6539*	130.0	-2.7	-1.4	693.1	1.6*	19.3	19.1	-16.9	-18.9	0.5
17:09:00	27	57.0	-92	17.1	116.9	-91.8	148.6	3200	129.9	-2.9	-1.5	1048.9	2.9*	19.4	19.3	6.6	6.6	0.0
17:09:00	27	56.5	-92	17.6	117.9	-91.6	149.3	3235	0.0	20.6	-22.8	95.5*	102.2	50.0	49.8	8.3	8.3	6.2
17:08:59	27	56.5	-92	17.5	288.4	291.0	-292*	3232	24.2	-6.6	-1.5	96.5	101.9*	0.0	31.3	307.9	132.7	15.9
17:09:30	27	55.0	-92	15.4	112.3	-86.8	141.9	6731*	129.5	-1.7	-1.5	716.4	1.6*	20.2	20.1	-16.9	-18.9	0.5
17:09:30	27	55.6	-92	15.0	112.2	-86.9	142.0	2930	129.5	-1.8	-1.7	1048.9	2.9*	20.4	20.3	9.3	9.3	0.0
17:09:30	27	55.1	-92	15.4	113.5	-86.9	143.0	2960	0.0	17.4	-23.3	92.6*	98.9	50.0	49.8	11.3	11.3	5.9
17:09:29	27	55.0	-92	15.4	289.3	292.0	-292*	2959	24.5	-5.0	-0.8	93.1	98.5*	0.0	31.3	307.5	126.1	15.9
17:10:00	27	53.6	-92	13.4	106.8	-81.6	134.4	7303*	128.9	-1.8	-1.5	740.2	1.6*	20.5	20.4	-16.9	-18.9	0.4
17:10:00	27	54.2	-92	13.0	106.7	-81.7	134.4	2660	128.6	-2.0	-1.7	1048.9	2.9*	20.7	20.6	10.1	10.1	0.0
17:10:00	27	53.7	-92	13.4	107.8	-81.6	135.2	2694	0.0	27.2	-16.0	82.7*	89.0	50.0	49.8	12.7	12.7	5.8
17:09:59	27	53.7	-92	13.4	289.6	292.2	-292*	2690	25.3	-7.0	-1.7	83.2	87.8*	0.0	31.2	307.2	118.5	15.9
17:10:30	27	52.3	-92	11.5	106.6	-77.0	131.5	6879*	127.1	-3.5	-4.1	770.2	1.6*	21.7	21.5	-16.9	-18.9	0.4
17:10:30	27	52.9	-92	11.1	106.6	-77.1	131.6	2332	126.7	-3.6	-4.3	1048.9	2.9*	21.9	21.8	11.5	11.5	0.0
17:10:30	27	52.4	-92	11.5	107.5	-77.0	132.2	2364	0.0	27.5	-16.4	83.9*	90.7	50.0	49.8	13.8	13.8	5.4
17:10:29	27	52.4	-92	11.4	290.7	293.4	-292*	2360	26.2	-13.6	-3.9	84.9	89.6*	0.0	31.2	305.7	115.7	15.9
17:11:00	27	51.1	-92	9.5	107.8	-79.1	133.7	6048*	128.0	-4.1	-2.2*	808.5	1.6*	24.5	24.4	-16.9	-18.9	0.5
17:11:00	27	51.6	-92	9.1	107.7	-79.2	133.7	1936	127.9	-4.3	-2.3*	1048.9	2.9*	24.7	24.6	12.9	12.9	0.0
17:11:00	27	51.2	-92	9.5	108.8	-78.8	134.4	1953	0.0	24.6	-19.8	89.8*	97.3	50.0	49.8	15.4	15.4	4.5
17:10:59	27	51.1	-92	9.5	293.5	296.2	-292*	1949	26.9	-17.3	-5.3	91.0	96.0*	0.0	31.2	306.1	117.8	16.0
17:11:30	27	49.8	-92	7.5	107.6	-80.2	134.2	6964*	127.9	-3.1	-2.8	848.2	1.6*	27.0	26.9	-16.9	-18.8	0.5
17:11:30	27	50.4	-92	7.1	107.6	-80.3	134.3	1525	127.9	-3.2	-2.9	1048.9	2.9*	27.2	27.1	16.4	16.4	0.0
17:11:30	27	49.9	-92	7.4	108.8	-80.2	135.2	1542	0.0	21.1	-23.0	94.9*	102.4	50.0	49.8	19.6	19.6	3.8
17:11:29	27	49.9	-92	7.4	296.0	298.7	-292*	1542	27.7	-14.0	-3.9	95.6	101.1*	0.0	31.2	306.6	118.3	16.1
17:12:00	27	48.5	-92	5.6	107.5	-78.2	132.9	6972*	126.9	-3.8	-4.1	886.8	1.6*	29.2	29.1	-16.9	-18.8	0.5
17:12:00	27	49.1	-92	5.2	107.4	-78.4	133.0	1156	126.6	-3.9	-4.2	1048.9	2.9*	29.4	29.3	18.2	18.2	0.0
17:12:00	27	48.6	-92	5.5	108.5	-78.3	133.8	1159	0.0	21.7	-23.5	97.0*	104.7	50.0	49.8	20.9	20.9	3.4
17:11:59	27	48.6	-92	5.5	298.1	300.9	-292*	1157	28.6	-13.6	-3.8	97.7	103.1*	0.0	31.1	306.0	116.9	16.1

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:12:30	27	47.2	-92	3.6	102.9	-77.9	129.0	6418*	127.6	-2.8	-1.7*	923.4	1.6*	31.6	31.5	-16.9	-18.9	0.5
17:12:30	27	47.8	-92	3.2	102.8	-78.0	129.1	796	127.3	-2.9	-1.8*	1048.9	2.9*	31.8	31.7	18.1	18.1	0.0
17:12:30	27	47.3	-92	3.5	104.3	-77.8	130.1	806	0.0	19.8	-24.4	97.4*	104.9	50.0	49.8	19.7	19.7	2.9
17:12:29	27	47.3	-92	3.5	300.5	303.3	-292*	806	29.4	-11.0	-2.6	97.6	103.2*	0.0	31.1	307.1	112.9	16.2
17:13:00	27	46.0	-92	1.8	96.0	-73.6	121.0	6048*	127.8	-1.5	-2.5	952.8	1.6*	31.8	31.7	-16.9	-18.8	0.5
17:13:00	27	46.6	-92	1.4	95.9	-73.7	121.0	528	127.6	-1.7	-2.6	1048.9	2.9*	32.0	31.9	22.1	22.1	0.0
17:13:00	27	46.1	-92	1.7	97.4	-73.7	122.1	533	0.0	26.4	-18.3	87.3*	94.3	50.0	49.8	22.9	22.9	2.9
17:12:59	27	46.1	-92	1.6	300.7	303.5	-292*	534	30.0	-11.6	-3.1	87.4	92.5*	0.0	31.1	307.5	104.8	16.2
17:13:30	27	44.9	-92	0.1	91.6	-68.5	114.4	6223*	126.7	1.1	1.2	974.9	1.6*	32.7	32.5	-16.9	-18.9	0.5
17:13:30	27	45.4	-91	59.7	91.5	-68.6	114.4	325	126.7	0.9	1.0	1048.9	2.9*	32.9	32.8	39.9	39.9	0.0
17:13:30	27	45.0	-91	59.9	93.0	-68.2	115.4	328	0.0	29.6	-14.2	80.2*	86.2	50.0	49.8	23.3	23.3	2.7
17:13:29	27	45.0	-91	59.9	301.5	304.3	-292*	329	30.6	-2.9	-0.3	79.2	84.3*	0.0	31.1	306.8	98.2	16.2
17:14:00	27	43.8	-91	58.4	92.4	-65.5	113.3	6687*	125.8	1.5	-2.6	983.8	1.6*	33.3	33.1	-16.9	-18.9	0.5
17:14:00	27	44.3	-91	58.0	92.4	-65.6	113.3	249	125.5	1.4	-2.7	1048.9	2.9*	33.5	33.4	40.0	40.0	0.0
17:14:00	27	43.9	-91	58.2	93.8	-65.4	114.3	251	0.0	26.0	-15.4	78.8*	85.2	50.0	49.8	24.0	24.0	2.6
17:13:59	27	43.9	-91	58.2	302.2	305.0	-292*	253	30.8	-10.7	-2.9	78.3	83.0*	0.0	31.1	305.3	97.1	16.2
17:14:30	27	42.8	-91	56.7	99.5	-41.5	107.8	6580*	111.5*	4.0	-20.1*	986.4	1.6*	33.0	32.8	-16.9	-18.8	0.5
17:14:30	27	43.4	-91	56.3	99.4	-41.7	107.8	226	111.1*	3.8	-20.2*	1048.9	2.9*	33.3	33.1	40.0	40.0	0.0
17:14:30	27	42.9	-91	56.5	99.9	-43.8	109.1	227	0.0	35.6	-8.7	72.5*	78.0	50.0	49.8	24.1	24.1	2.7
17:14:29	27	42.9	-91	56.5	301.9	304.7	-292*	228	30.9	-0.2	0.3	70.7	75.7*	0.0	31.1	292.6	91.7	16.2
17:15:00	27	43.1	-91	54.9	71.5	87.0	112.6	6381*	39.7*	2.5	-29.3*	987.0	1.6*	33.1	33.0	-16.9	-18.8	0.5
17:15:00	27	43.7	-91	54.5	71.4	86.9	112.4	223	39.3*	2.4	-29.4*	1048.9	2.9*	33.4	33.3	24.4	24.4	0.0
17:15:00	27	43.2	-91	54.7	75.6	84.6	113.5	226	0.0	39.1	-8.2	74.5*	80.7	50.0	49.8	24.2	24.2	2.7
17:14:59	27	43.2	-91	54.7	302.0	304.8	-292*	226	31.0	-7.1	-2.0	73.2	77.8*	0.0	31.1	219.1	96.4	16.2
17:15:30	27	44.9	-91	55.0	-83.0	85.5	119.2	7385*	314.6*	3.0	-33.0*	988.7	1.6*	33.6	33.5	-16.9	-18.8	0.5
17:15:30	27	45.4	-91	54.6	-83.1	85.5	119.2	206	314.2*	2.8	-33.2*	1048.9	2.8*	33.9	33.8	24.4	24.4	0.0
17:15:30	27	44.9	-91	54.7	-78.0	89.5	118.7	209	0.0	44.5	-7.1	78.3*	85.2	50.0	49.8	24.3	24.3	2.6
17:15:29	27	44.9	-91	54.7	302.5	305.3	-292*	210	30.8	-7.9	-2.2	77.0	82.1*	0.0	31.1	135.7	103.0	16.2
17:16:00	27	45.2	-91	57.1	-120.5	-9.8	120.9	6072*	264.6	1.9	-1.7	990.8	2.5*	34.1	33.2	-16.9	-18.9	0.5
17:16:00	27	45.8	-91	56.7	-120.7	-9.9	121.1	186	264.3	1.7	-1.8	263.2	3.9*	34.4	33.5	24.5	24.5	0.0
17:16:00	27	45.3	-91	56.7	-119.5	-9.4	119.8	188	0.0	26.6	-16.0	81.8*	88.1	50.0	49.1	24.3	24.3	2.2
17:15:59	27	45.3	-91	56.7	448.6	465.7	10030*	192	31.1	-5.7	-1.2	80.8	85.9*	0.0	39.6	85.8	79.8	41.2
17:16:30	27	45.0	-91	59.2	-117.2	-14.4	118.1	6611*	262.1	2.2	-0.8*	989.8	2.5*	33.7	32.8	-16.9	-18.9	0.5
17:16:30	27	45.6	-91	58.9	-117.3	-14.5	118.2	195	262.2	2.0	-1.0*	263.1	3.9*	34.0	33.1	24.9	24.9	0.0
17:16:30	27	45.2	-91	58.9	-116.1	-14.0	117.0	202	0.0	32.6	-12.2	78.2*	84.5	50.0	49.1	24.5	24.5	2.3
17:16:29	27	45.2	-91	58.9	448.0	465.1	10032*	201	31.1	-8.4	-2.1	77.3	82.0*	0.0	39.5	83.6	77.1	41.0
17:17:00	27	44.8	-92	1.4	-117.4	-5.8	117.5	7761*	266.8*	2.6	4.4*	990.3	2.5*	33.8	33.0	-16.9	-18.8	0.5
17:17:00	27	45.4	-92	1.0	-117.4	-5.9	117.6	189	266.6*	2.4	4.2*	263.0	3.8*	34.1	33.2	24.7	24.7	0.0
17:17:00	27	45.0	-92	1.0	-116.3	-6.1	116.5	189	0.0	30.8	-12.9	77.6*	83.9	50.0	49.1	24.5	24.5	2.3
17:16:59	27	45.0	-92	1.0	448.2	465.3	10033*	195	31.1	-8.1	-1.9	76.7	81.8*	0.0	39.4	87.7	76.6	41.0

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:17:30	27	44.9	-92	3.5	-116.6	4.5	116.6	5787*	271.8	2.7	-0.2	990.7	2.5*	33.8	32.9	-16.9	-18.8	0.5
17:17:30	27	45.4	-92	3.1	-116.6	4.5

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:22:30	27 44.9	-92 24.4	-115.2	-0.9	115.2	6718*	270.0	2.8	-0.8	991.1	2.5*	32.4	31.6	-16.9	-18.9	0.5
17:22:30	27 45.5	-92 24.0	-115.1	-0.8	115.1	188	270.1	2.7	-0.9	262.9	3.8*	32.7	31.9	25.0	25.0	0.0
17:22:30	27 45.1	-92 23.8	-114.4	-0.4	114.4	188	0.0	30.9	-10.6	72.2*	78.3	50.0	49.1	24.1	24.1	2.5
17:22:29	27 45.1	-92 23.9	446.3	463.3	10036*	194	30.8	-10.2	-3.8	71.5	75.6*	0.0	39.2	89.6	74.6	40.6
17:23:00	27 44.9	-92 26.5	-115.0	-1.6	115.0	6386*	269.8	3.0	-0.9	991.0	2.5*	32.0	31.2	-16.9	-18.8	0.5
17:23:00	27 45.4	-92 26.1	-114.9	-1.4	114.9	189	269.6	2.8	-1.0	262.9	3.8*	32.3	31.5	24.3	24.3	0.0
17:23:00	27 45.1	-92 25.9	-114.3	-1.2	114.3	190	0.0	31.7	-11.0	73.1*	79.7	50.0	49.1	23.8	23.8	2.6
17:22:59	27 45.1	-92 25.9	445.6	462.6	10036*	195	30.6	-16.4	-4.8	72.6	76.7*	0.0	39.2	89.5	74.4	40.6
17:23:30	27 44.9	-92 28.6	-115.4	-2.0	115.4	6692*	269.4	2.7	-0.7	990.9	2.5*	32.4	31.6	-16.9	-18.8	0.5
17:23:30	27 45.4	-92 28.2	-115.3	-1.8	115.3	190	269.2	2.6	-0.8	262.9	3.8*	32.7	31.9	24.4	24.4	0.0
17:23:30	27 45.1	-92 28.0	-114.7	-1.6	114.7	193	0.1	30.8	-11.6	73.3*	79.7	50.0	49.1	24.2	24.2	2.5
17:23:29	27 45.1	-92 28.0	446.3	463.3	10036*	196	30.6	-15.0	-4.3	72.6	77.1*	0.0	39.2	89.3	74.8	40.6
17:24:00	27 44.8	-92 30.7	-115.7	-1.5	115.7	6187*	269.2	2.8	-0.3	990.8	2.5*	33.4	32.6	-16.9	-18.8	0.5
17:24:00	27 45.4	-92 30.3	-115.6	-1.4	115.6	189	268.9	2.6	-0.4	262.9	3.8*	33.7	32.9	22.0	22.0	0.0
17:24:00	27 45.1	-92 30.1	-115.0	-1.0	115.0	191	0.0	30.6	-11.8	74.1*	80.1	50.0	49.1	23.0	23.0	2.4
17:23:59	27 45.0	-92 30.1	447.7	464.8	10036*	195	30.4	-8.7	-2.1	73.1	77.8*	0.0	39.2	89.5	75.0	40.7
17:24:30	27 44.8	-92 32.8	-115.7	-0.6	115.7	7345*	269.3	2.6	-0.5	990.7	2.5*	33.1	32.3	-16.9	-18.8	0.5
17:24:30	27 45.4	-92 32.4	-115.5	-0.5	115.5	189	269.4	2.4	-0.7	262.9	3.8*	33.4	32.6	23.4	23.4	0.0
17:24:30	27 45.0	-92 32.2	-115.1	-0.1	115.1	192	0.0	30.2	-12.5	75.1*	81.4	50.0	49.1	23.6	23.6	2.4
17:24:29	27 45.0	-92 32.2	447.3	464.4	10036*	196	30.5	-10.5	-2.7	74.3	78.8*	0.0	39.2	90.2	75.0	40.7
17:25:00	27 44.8	-92 34.9	-115.5	-0.2	115.5	6257*	269.9	2.7	-1.1	990.9	2.5*	32.7	31.9	-16.9	-18.8	0.5
17:25:00	27 45.4	-92 34.5	-115.3	0.0	115.3	188	269.7	2.5	-1.3	262.9	3.8*	33.0	32.2	24.2	24.2	0.0
17:25:00	27 45.0	-92 34.3	-114.9	0.4	114.9	191	0.0	29.0	-13.0	76.1*	82.4	50.0	49.1	23.9	23.9	2.5
17:24:59	27 45.0	-92 34.3	446.7	463.8	10036*	194	30.4	-10.4	-2.7	75.3	79.7*	0.0	39.2	90.2	74.9	40.6
17:25:30	27 44.8	-92 37.0	-115.3	-0.3	115.3	6846*	269.5	2.7	-0.6	990.9	2.5*	32.9	32.1	-16.9	-18.9	0.5
17:25:30	27 45.4	-92 36.6	-115.0	-0.0	115.0	188	269.2	2.6	-0.8	262.9	3.8*	33.3	32.4	23.7	23.7	0.0
17:25:30	27 45.1	-92 36.4	-114.7	0.3	114.7	190	0.0	29.9	-12.4	74.8*	80.9	50.0	49.1	23.9	23.9	2.4
17:25:29	27 45.1	-92 36.4	447.1	464.1	10037*	194	30.4	-9.4	-2.4	73.9	78.4*	0.0	39.2	90.3	74.6	40.6
17:26:00	27 44.8	-92 39.1	-115.3	-0.6	115.3	6563*	269.9	2.7	-1.1	990.9	2.5*	33.1	32.2	-16.9	-18.9	0.5
17:26:00	27 45.4	-92 38.7	-115.1	-0.4	115.1	188	269.6	2.5	-1.2	262.8	3.8*	33.4	32.5	23.4	23.4	0.0
17:26:00	27 45.1	-92 38.5	-114.8	-0.1	114.8	194	0.0	30.1	-12.4	74.5*	80.7	50.0	49.1	23.6	23.6	2.4
17:25:59	27 45.1	-92 38.5	447.2	464.3	10038*	194	30.4	-10.7	-2.8	73.6	78.1*	0.0	39.1	89.9	74.7	40.6
17:26:30	27 44.8	-92 41.2	-115.4	-1.0	115.4	6785*	269.8	2.8	-0.8	991.0	2.5*	33.0	32.2	-16.9	-18.8	0.5
17:26:30	27 45.4	-92 40.8	-115.1	-0.8	115.1	187	269.9	2.6	-1.0	262.9	3.8*	33.3	32.5	23.6	23.6	0.0
17:26:30	27 45.1	-92 40.6	-115.0	-0.5	115.0	195	0.0	31.5	-11.9	73.9*	80.1	50.0	49.1	23.9	23.9	2.4
17:26:29	27 45.1	-92 40.6	447.2	464.2	10037*	193	30.4	-11.0	-2.9	73.1	77.6*	0.0	39.2	89.6	74.8	40.6
17:27:00	27 44.8	-92 43.3	-115.5	-1.1	115.5	6350*	269.6	2.9	-0.6	990.9	2.5*	33.0	32.2	-16.9	-18.8	0.5
17:27:00	27 45.3	-92 42.9	-115.2	-0.8	115.2	187	269.4	2.7	-0.8	262.8	3.8*	33.3	32.5	23.5	23.5	0.0
17:27:00	27 45.0	-92 42.7	-115.1	-0.5	115.1	196	0.0	31.1	-12.1	74.0*	80.1	50.0	49.1	24.1	24.1	2.4
17:26:59	27 45.0	-92 42.7	447.1	464.2	10038*	193	30.3	-8.1	-1.9	73.0	77.6*	0.0	39.2	89.6	74.9	40.6

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:27:30	27 44.7	-92 45.4	-115.8	-1.1	115.8	6273*	270.0	2.8	-0.6	990.8	2.5*	32.7	31.9	-16.9	-18.9	0.5
17:27:30	27 45.3	-92 45.0	-115.5	-0.8	115.5	188	269.7	2.6	-0.8	262.8	3.8*	33.0	32.2	24.4	24.4	0.0
17:27:30	27 45.0	-92 44.8	-115.4	-0.6	115.4	196	0.0	31.4	-11.9	74.4*	80.5	50.0	49.1	24.1	24.1	2.5
17:27:29	27 45.0	-92 44.8	446.8	463.8	10038*	194	30.2	-8.8	-2.1	73.4	78.0*	0.0	39.1	89.4	75.2	40.6
17:28:00	27 44.7	-92 47.5	-115.8	-1.1	115.8	6756*	269.7	2.8	-0.5	991.0	2.5*	32.8	32.0	-16.9	-18.9	0.5
17:28:00	27 45.3	-92 47.1	-115.5	-0.8	115.5	186	269.4	2.6	-0.6	262.8	3.8*	33.1	32.3	23.9	23.9	0.0
17:28:00	27 45.0	-92 46.9	-115.4	-0.6	115.4	193	0.0	31.3	-11.3	72.6*	78.6	50.0	49.1	23.9	23.9	2.4
17:27:59	27 45.0	-92 46.9	446.9	464.0	10038*	193	30.0	-10.3	-2.7	71.7	76.0*	0.0	39.1	89.6	75.2	40.6
17:28:30	27 44.7	-92 49.7	-116.2	-1.2	116.2	7143*	269.9	2.8	-0.9	991.0	2.5*	32.9	32.1	-16.9	-18.9	0.5
17:28:30	27 45.3	-92 49.3	-115.9	-0.8	115.9	187	270.0	2.6	-1.1	262.8	3.8*	33.2	32.4	24.2	24.2	0.0
17:28:30	27 45.0	-92 49.0	-115.9	-0.6	115.9	190	0.0	30.6	-11.9	73.5*	79.6	50.0	49.1	23.9	23.9	2.4
17:28:29	27 45.0	-92 49.0	447.1	464.1	10038*	193	30.1	-10.0	-2.6	72.6	77.0*	0.0	39.1	89.4	75.6	40.6
17:29:00	27 44.7	-92 51.8	-116.4	-1.3	116.4	7387*	269.9	2.8	-0.8	991.0	2.5*	32.9	32.1	-16.9	-18.9	0.5
17:29:00	27 45.3	-92 51.4	-116.1	-1.0	116.1	187	269.7	2.7	-1.0	262.8	3.8*	33.2	32.4	24.2	24.2	0.0
17:29:00	27 45.0	-92 51.1	-116.2	-0.8	116.2	186	0.0	30.6	-11.8	73.6*	79.9	50.0	49.1	24.1	24.1	2.4
17:28:59	27 45.0	-92 51.1	447.0	464.1	10038*	193	30.3	-11.8	-3.2	72.9	77.2*	0.0	39.1	89.4	75.9	40.6
17:29:30	27 44.7	-92 53.9	-116.4	-1.2	116.4	7550*	269.9	2.7	-0.9	990.9	2.5*	33.3	32.5	-16.9	-18.8	0.5
17:29:30	27 45.3	-92 53.5	-116.0	-0.9	116.0	188	269.7	2.5	-1.0	262.8	3.8*	33.6	32.8	24.3	24.3	0.0
17:29:30	27 45.0	-92 53.2	-116.1	-0.6	116.1	182	0.0	30.1	-12.6	74.9*	81.0	50.0	49.1	24.2	24.2	2.4
17:29:29	27 45.0	-92 53.3	447.6	464.7	10038*	194	30.7	-9.3	-2.3	74.0	78.3*	0.0	39.1	89.3	75.8	40.6
17:30:00	27 44.6	-92 56.0	-116.1	-1.5	116.1	6432*	270.2	2.6	-1.0	990.9	2.5*	33.4	32.6	-16.9	-18.8	0.5
17:30:00	27 45.3	-92 55.6	-115.7	-1.1	115.7	188	269.9	2.4	-1.1	262.8	3.8*	33.7	32.9	24.2	24.2	0.0
17:30:00	27 45.0	-92 55.4	-115.9	-0.9	115.9	197	0.0	29.7	-13.1	75.7*	81.9	50.0	49.1	24.3	24.3	2.3
17:29:59	27 45.0	-92 55.4	447.8	464.9	10038*	194	30.9	-9.4	-2.4	74.9	78.9*	0.0	39.1	89.0	75.5	40.6
17:30:30	27 44.6	-92 58.1	-115.8	-1.1	115.8	6858*	269.9	3.6*	-2.3*	990.9	2.5*	33.6	32.8	-16.9	-18.9	0.5
17:30:30	27 45.2	-92 57.7	-115.4	-0.8	115.4	188	269.9	2.5	-1.0	262.8	3.8*	33.9	33.1	24.0	24.0	0.0
17:30:30	27 45.0	-92 57.5	-115.6	-0.6	115.6	196	0.0	29.7	-13.0	76.0*	82.3	50.0	49.1	24.0	24.0	2.3
17:30:29	27 45.0	-92 57.5	448.1	465.2	10039*	194	31.2	-9.8	-2.5	75.2	79.6*	0.0	39.1	89.4	75.2	40.6
17:31:00	27 44.6	-93 0.2	-115.3	-1.0	115.3	7176*	270.2	2.7	-0.8	991.0	2.5*	33.4	32.6	-16.9	-18.9	0.5
17:31:00	27 45.2	-92 59.8	-114.9	-0.6	114.9	186	270.0	2.6	-0.9	262.8	3.8*	33.7	32.9	24.3	24.3	0.0
17:31:00	27 45.0	-92 59.6	-115.2	-0.5	115.2	189	0.0	30.3	-12.5	74.4*	80.5	50.0	49.1	24.4	24.4	2.3
17:30:59	27 45.0	-92 59.6	447.8	464.9	10038*	193	31.2	-9.4	-2.4	73.6	78.0*	0.0	39.1	89.3	74.7	40.6
17:31:30	27 44.7	-93 2.3	-101.9	41.2	109.9	6219*	292.7*	6.0	24.2*	974.6	2.5*	31.9	31.1	-16.9	-18.8	0.5
17:31:30	27 45.4	-93 1.8	-101.5	41.7	109.7	325	292.5*	5.8	24.1*	262.8	3.8*	32.2	31.4	24.3	24.3	0.0
17:31:30	27 45.1	-93 1.6	-102.8	39.1	109.9	325	0.0	33.2	-9.1	68.9*	73.6	50.0	49.1	23.7	23.7	2.6
17:31:29	27 45.1	-93 1.6	445.5	462.5	10038*	330	30.8	5.2	2.3	66.4	71.6*	0.0	39.1	112.0	69.4	40.5
17:32:00	27 46.1	-93 3.4	-10.5	113.2	113.7	6134*	354.9*	3.7*	25.2*	961.2	2.5*	31.0	30.2	-16.9	-18.8	0.5
17:32:00	27 46.8	-93 3.0	-10.1	113.8	114.3	449	355.1*	3.5*	25.1*	262.8	3.8*	31.3	30.5	24.6	24.6	0.0
17:32:00	27 46.5	-93 2.8	-12.7	113.4	114.1	451	0.0	20.7	-15.9	75.0*	79.0	50.0	49.1	23.3	23.3	2.8
17:31:59	27 46.5	-93 2.8	444.3	461.2	10038*	454	30.7	15.2	6.0	72.1	77.2*	0.0	39.1	174.3	73.3	40.4

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:32:30	27 47.9	-93 3.9	-84.7	75.3	113.3	6063*	310.7*	3.9*	-25.0	959.9	2.5*	30.7	29.9	-16.9	-18.8	0.5
17:32:30	27 48.5	-93 3.4	-84.3	75.8	113.3	470	310.6*	3.7*	-25.2	262.8	3.8*	31.0	30.2	24.0	24.0	0.0
17:32:30	27 48.2	-93 3.2	-82.4	78.4	113.8	475	0.0	39.3	-7.1	71.6*	77.8	50.0	49.1	23.2	23.2	2.8
17:32:29	27 48.2	-93 3.2	443.8	460.7	10038*	477	30.6	-9.6	-2.7	70.4	74.7*	0.0	39.1	131.5	72.9	40.4
17:33:00	27 48.2	-93 5.8	-104.3	-43.7	113.0	6876	245.4*	3.5	-24.3	960.5	2.5*	31.2	30.4	-16.9	-18.9	0.5
17:33:00	27 48.8	-93 5.3	-103.7	-43.2	112.4	466	245.2*	3.4	-24.4	262.8	3.8*	31.5	30.7	22.4	22.4	0.0
17:33:00	27 48.6	-93 5.1	-105.5	-40.4	113.0	469	0.0	36.8	-7.8	70.3*	76.5	50.0	49.1	22.3	22.3	2.7
17:32:59	27 48.6	-93 5.2	444.6	461.5	10039*	473	30.7	-11.3	-3.3	69.3	73.2*	0.0	39.0	67.8	72.6	40.4
17:33:30	27 46.8	-93 7.0	-15.4	-109.8	110.8	1506	186.4*	3.2	-18.3*	960.2	2.5*	30.9	30.0	-16.9	-18.9	0.5
17:33:30	27 47.4	-93 6.5	-14.8	-109.2	110.2	469	186.1*	3.1	-18.4*	262.8	3.8*	31.2	30.3	23.7	23.7	0.0
17:33:30	27 47.2	-93 6.3	-17.8	-109.0	110.5	465	0.0	34.5	-8.9	70.9*	76.9	50.0	49.1	23.0	23.0	2.8
17:33:29	27 47.2	-93 6.4	444.0	460.9	10038*	476	30.6	-9.1	-2.6	69.9	73.9*	0.0	39.0	8.5	70.5	40.4
17:34:00	27 45.0	-93 6.7	56.5	-95.3	110.8	1506	148.0*	3.4	-24.7	960.0	2.5*	30.7	29.9	-16.9	-18.9	0.5
17:34:00	27 45.7	-93 6.2	57.2	-94.6	110.5	470	147.6*	3.3	-24.8	262.8	3.8*	31.0	30.2	24.5	24.5	0.0
17:34:00	27 45.4	-93 6.1	53.8	-96.4	110.4	466	0.0	35.6	-8.7	71.4*	77.7	50.0	49.1	23.1	23.1	2.8
17:33:59	27 45.4	-93 6.1	443.8	460.7	10039*	478	30.6	-11.9	-3.6	70.6	74.3*	0.0	39.0	329.5	70.4	40.4
17:34:30	27 44.2	-93 5.0	109.7	9.5	110.1	1506	84.4*	3.4	-21.4*	960.2	2.5*	31.1	30.3	-16.9	-18.9	0.5
17:34:30	27 44.9	-93 4.5	110.2	10.3	110.6	469	84.0*	3.3	-21.5*	262.8	3.8*	31.4	30.6	23.4	23.4	0.0
17:34:30	27 44.7	-93 4.4	109.8	7.2	110.1	481	0.0	34.8	-8.8	71.2*	77.1	50.0	49.1	22.9	22.9	2.7
17:34:29	27 44.7	-93 4.4	444.5	461.4	10039*	476	30.8	-8.8	-2.7	70.1	74.0*	0.0	39.0	264.8	69.7	40.4
17:35:00	27 44.5	-93 3.0	110.7	17.6	112.1	1506	82.3*	2.8	13.8*	959.5	2.5*	30.9	30.1	-16.9	-18.9	0.5
17:35:00	27 45.3	-93 2.5	111.1	18.3	112.6	470	82.0*	2.6	13.6*	262.8	3.8*	31.2	30.4	23.8	23.8	0.0
17:35:00	27 45.0	-93 2.4	110.3	19.7	112.0	490	0.0	31.3	-11.0	73.2*	78.9	50.0	49.1	23.0	23.0	2.8
17:34:59	27 45.0	-93 2.4	444.2	461.1	10040*	475	30.5	-3.5	-0.6	71.9	76.4*	0.0	39.0	260.7	71.7	40.4
17:35:30	27 44.6	-93 0.9	113.0	-4.4	113.1	1506	93.0	2.9	-1.0	959.9	2.5*	31.2	30.4	-16.9	-18.9	0.5
17:35:30	27 45.3	-93 0.4	113.4	-3.6	113.5	469	93.1	2.7	-1.1	262.8	3.8*	31.5	30.7	23.5	23.5	0.0
17:35:30	27 45.0	-93 0.4	112.8	-4.0	112.9	489	0.0	30.7	-11.5	73.4*	79.4	50.0	49.1	22.6	22.6	2.7
17:35:29	27 45.0	-93 0.3	444.6	461.5	10040*	475	30.3	-8.9	-2.3	72.6	76.8*	0.0	39.0	272.0	72.7	40.3
17:36:00	27 44.5	-92 58.9	114.1	-0.5	114.1	1506	91.1	2.6	-1.3	959.7	2.5*	31.5	30.7	-16.9	-18.9	0.5
17:36:00	27 45.3	-92 58.3	114.5	0.3	114.5	471	90.9	2.5	-1.5	262.8	3.8*	31.8	31.0	22.6	22.6	0.0
17:36:00	27 45.0	-92 58.3	113.8	-0.1	113.8	480	0.0	29.3	-12.7	74.9*	81.1	50.0	49.1	22.4	22.4	2.7
17:35:59	27 45.0	-92 58.3	445.0	461.9	10039*	478	30.6	-10.3	-2.8	74.1	78.4*	0.0	39.0	270.0	73.7	40.4
17:36:30	27 44.5	-92 56.8	115.1	1.2	115.1	1506	90.6	2.5	-1.1	959.6	2.5*	31.5	30.7	-16.9	-18.9	0.5
17:36:30	27 45.3	-92 56.2	115.6	2.0	115.6	472	90.3	2.3	-1.2	262.8	3.8*	31.8	31.0	22.7	22.7	0.0
17:36:30	27 45.0	-92 56.2	114.8	1.6	114.9	480	0.0	28.4	-13.6	76.3*	82.7	50.0	49.1	22.5	22.5	2.7
17:36:29	27 45.0	-92 56.2	445.1	462.0	10040*	478	30.4	-10.3	-2.8	75.7	80.0*	0.0	39.0	269.0	74.7	40.4
17:37:00	27 44.6	-92 54.7	115.7	1.9	115.7	5616*	89.9	2.5	-0.9	959.5	2.5*	31.4	30.6	-16.9	-18.9	0.5
17:37:00	27 45.3	-92 54.1	116.2	2.7	116.2	473	89.6	2.3	-1.0	262.8	3.8*	31.7	30.9	23.5	23.5	0.0
17:37:00	27 45.0	-92 54.1	115.4	2.3	115.4	478	0.0	28.3	-13.8	77.1*	83.4	50.0	49.1	22.9	22.9	2.7
17:36:59	27 45.0	-92 54.1	444.8	461.8	10039*	478	30.1	-9.1	-2.4	76.4	80.7*	0.0	39.1	268.8	75.3	40.5

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:37:30	27 44.6	-92 52.6	116.7	2.1	116.7	7582*	89.6	2.4	-0.7	959.6	2.5*	31.4	30.6	-16.9	-18.9	0.5
17:37:30	27 45.4	-92 52.0	117.1	2.9	117.2	472	89.7	2.3	-0.9	262.8	3.8*	31.7	30.9	23.0	23.0	0.0
17:37:30	27 45.1	-92 52.0	116.3	2.4	116.4	476	0.0	28.3	-14.0	77.4*	83.7	50.0	49.1	22.6	22.6	2.7
17:37:29	27 45.1	-92 52.0	444.9	461.9	10039*	477	29.8	-9.0	-2.3	76.7	81.0*	0.0	39.0	268.9	76.2	40.4
17:38:00	27 44.6	-92 50.4	117.0	2.4	117.1	6317*	89.5	2.3	0.8	959.5	2.5*	31.7	30.9	-16.9	-18.9	0.5
17:38:00	27 45.4	-92 49.9	117.5	3.2	117.6	472	89.3	2.2	0.6	262.8	3.8*	32.0	31.2	22.8	22.8	0.0
17:38:00	27 45.1	-92 49.9	116.7	2.8	116.7

A/C 43, Flgt 060911I, Micro99 date 2006/09/11, Proj TexAQS Run on Fri Mar 23 10:34:50 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
17:42:30	27 44.7	-92 31.3	113.4	-0.9	113.4	1506	91.4	2.8	-0.9	959.9	2.5*	31.6	30.8	-16.9	-18.8	0.5
17:42:30	27 45.6	-92 30.6	113.9	-0.1	113.9	468	91.1	2.6	-1.0	262.8	3.8*	31.9	31.0	21.9	21.9	0.0
17:42:30	27 45.2	-92 30.8	112.8	-0.8	112.8	471	0.0	30.6	-11.9	74.1*	80.3	50.0	49.1	22.2	22.2	2.7
17:42:29	27 45.2	-92 30.8	445.1	462.0	10039*	473	29.8	-10.5	-2.9	73.4	77.6*	0.0	39.0	270.2	73.0	40.4
17:43:00	27 44.7	-92 29.2	113.0	-0.8	113.0	1506	91.5	2.6	-1.0	959.8	2.5*	31.2	30.4	-16.9	-18.9	0.5
17:43:00	27 45.6	-92 28.6	113.5	0.0	113.5	470	91.2	2.4	-1.1	262.8	3.8*	31.5	30.7	22.6	22.6	0.0
17:43:00	27 45.1	-92 28.7	112.3	-0.8	112.3	472	0.0	29.8	-12.0	73.8*	79.8	50.0	49.1	22.4	22.4	2.7
17:42:59	27 45.1	-92 28.7	444.5	461.4	10040*	475	29.9	-8.9	-2.3	73.0	77.1*	0.0	39.0	270.0	72.6	40.4
17:43:30	27 44.6	-92 27.2	112.7	-0.3	112.7	1506	91.5	2.6	-0.9	959.7	2.5*	30.8	30.0	-16.9	-18.9	0.5
17:43:30	27 45.6	-92 26.5	113.1	0.6	113.1	470	91.6	2.5	-1.1	262.8	3.8*	31.1	30.3	23.3	23.3	0.0
17:43:30	27 45.1	-92 26.7	111.9	-0.1	111.9	472	0.0	29.6	-12.4	74.5*	80.7	50.0	49.1	22.8	22.8	2.8
17:43:29	27 45.1	-92 26.7	444.0	460.9	10040*	475	30.0	-11.0	-3.0	73.8	78.0*	0.0	39.0	269.7	72.3	40.3
17:44:00	27 44.6	-92 25.1	112.4	-0.4	112.4	1506	91.7	2.8	-1.1	960.0	2.5*	31.0	30.2	-16.9	-18.9	0.5
17:44:00	27 45.6	-92 24.4	112.9	0.4	112.9	469	91.5	2.7	-1.2	262.8	3.8*	31.3	30.5	23.4	23.4	0.0
17:44:00	27 45.1	-92 24.7	111.7	-0.3	111.7	471	0.0	28.6	-12.7	74.1*	80.5	50.0	49.1	22.7	22.7	2.8
17:43:59	27 45.1	-92 24.6	444.3	461.2	10040*	473	30.0	-13.1	-3.7	73.6	77.7*	0.0	39.0	269.8	72.1	40.4
17:44:30	27 44.6	-92 23.1	112.0	0.0	112.0	1506	91.8	2.8	-1.4	959.9	2.5*	31.3	30.5	-16.9	-18.9	0.5
17:44:30	27 45.6	-92 22.4	112.5	0.9	112.5	469	91.5	2.6	-1.5	262.8	3.8*	31.6	30.8	21.2	21.2	0.0
17:44:30	27 45.1	-92 22.6	111.2	-0.1	111.2	474	0.0	30.7	-11.3	72.8*	78.8	50.0	49.1	21.7	21.7	2.7
17:44:29	27 45.1	-92 22.6	444.7	461.7	10040*	474	30.3	-10.1	-2.7	72.0	75.9*	0.0	39.0	269.2	71.7	40.4
17:45:00	27 44.6	-92 21.0	112.0	-0.8	112.0	1506	91.3	2.8	-0.6	959.8	2.5*	31.1	30.3	-16.9	-18.9	0.5
17:45:00	27 45.6	-92 20.3	112.5	0.1	112.5	470	91.0	2.6	-0.8	262.8	3.8*	31.4	30.6	21.8	21.8	0.0
17:45:00	27 45.1	-92 20.6	111.2	-0.7	111.2	473	0.0	30.3	-11.8	73.2*	79.2	50.0	49.1	22.3	22.3	2.7
17:44:59	27 45.1	-92 20.6	444.5	461.4	10040*	475	29.8	-9.7	-2.5	72.4	76.5*	0.0	39.0	270.2	71.6	40.4
17:45:30	27 44.6	-92 19.0	112.0	-1.3	112.0	1506	91.7	2.6	-0.9	959.8	2.5*	31.3	30.5	-16.9	-18.9	0.5
17:45:30	27 45.6	-92 18.3	112.4	-0.5	112.4	470	91.8	2.5	-1.0	262.8	3.8*	31.6	30.8	22.3	22.3	0.0
17:45:30	27 45.1	-92 18.6	111.1	-1.4	111.1	474	0.0	29.9	-11.5	72.7*	78.8	50.0	49.1	22.1	22.1	2.7
17:45:29	27 45.1	-92 18.6	444.8	461.7	10040*	476	29.8	-10.9	-2.9	72.0	76.1*	0.0	39.0	270.4	71.6	40.4
17:46:00	27 44.6	-92 16.9	111.7	-1.0	111.7	455	91.6	3.0	-1.1	960.0	2.5*	30.8	30.0	-16.9	-18.9	0.5
17:46:00	27 45.6	-92 16.2	112.2	-0.2	112.2	468	91.4	2.8	-1.2	262.8	3.8*	31.1	30.3	24.0	24.0	0.0
17:46:00	27 45.1	-92 16.5	110.9	-1.1	110.9	472	0.0	30.2	-11.2	72.1*	77.9	50.0	49.1	23.1	23.1	2.8
17:45:59	27 45.1	-92 16.5	444.0	460.9	10040*	475	30.3	-8.7	-2.2	71.1	75.1*	0.0	39.0	270.1	71.4	40.3
17:46:30	27 44.6	-92 14.9	111.9	-0.9	111.9	457	91.7	2.7	-0.9	959.7	2.5*	30.8	30.0	-16.9	-18.9	0.5
17:46:30	27 45.6	-92 14.2	112.4	-0.0	112.4	471	91.4	2.5	-1.0	262.8	3.8*	31.1	30.3	23.9	23.9	0.0
17:46:30	27 45.1	-92 14.5	111.0	-0.9	111.0	475	0.0	30.1	-11.0	71.3*	77.2	50.0	49.1	22.8	22.8	2.8
17:46:29	27 45.1	-92 14.5	443.9	460.8	10040*	478	30.4	-11.0	-3.0	70.5	74.5*	0.0	39.0	270.1	71.6	40.3
17:47:00	27 44.6	-92 12.9	112.3	-0.5	112.3	457	91.6	2.8	-1.0	959.7	2.5*	30.8	30.0	-16.9	-18.9	0.5
17:47:00	27 45.6	-92 12.1	112.7	0.4	112.7	470	91.3	2.6	-1.1	262.8	3.8*	31.2	30.3	23.8	23.8	0.0
17:47:00	27 45.1	-92 12.5	111.3	-0.5	111.3	474	0.0	30.5	-11.1	72.0*	78.0	50.0	49.1	23.1	23.1	2.8
17:46:59	27 45.1	-92 12.5	444.1	460.9	10040*	477	30.6	-11.3	-3.1	71.3	75.3*	0.0	39.0	269.8	71.9	40.3

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:47:30	27 44.6	-92 10.8	112.4	-0.3	112.4	457	91.7	2.8	-0.9	959.6	2.5*	30.9	30.1	-16.9	-18.9	0.5
17:47:30	27 45.6	-92 10.1	112.9	0.6	112.9	471	91.8	2.6	-1.1	262.8	3.8*	31.2	30.4	23.9	23.9	0.0
17:47:30	27 45.1	-92 10.5	111.5	-0.4	111.5	474	0.0	30.7	-11.2	72.4*	78.3	50.0	49.1	22.9	22.9	2.8
17:47:29	27 45.1	-92 10.4	444.1	461.0	10040*	477	30.5	-9.6	-2.5	71.5	75.6*	0.0	39.0	269.6	72.1	40.3
17:48:00	27 44.6	-92 8.8	112.5	-0.2	112.5	458	91.5	2.7	-0.5	959.5	2.5*	30.9	30.1	-16.9	-18.9	0.5
17:48:00	27 45.6	-92 8.0	113.0	0.6	113.0	472	91.3	2.6	-0.7	262.7	3.8*	31.2	30.4	23.9	23.9	0.0
17:48:00	27 45.1	-92 8.4	111.6	-0.3	111.6	476	0.0	29.5	-11.8	72.8*	78.6	50.0	49.1	23.0	23.0	2.8
17:47:59	27 45.1	-92 8.4	444.2	461.0	10040*	477	30.4	-8.3	-2.1	71.9	76.0*	0.0	39.0	269.6	72.2	40.3
17:48:30	27 44.6	-92 6.7	112.7	-0.1	112.7	456	91.5	2.8	-0.9	959.7	2.5*	31.0	30.2	-16.9	-18.8	0.5
17:48:30	27 45.6	-92 6.0	113.2	0.7	113.2	470	91.2	2.6	-1.0	262.8	3.8*	31.3	30.5	23.3	23.3	0.0
17:48:30	27 45.1	-92 6.4	111.7	-0.3	111.7	475	0.0	30.4	-11.2	72.3*	78.2	50.0	49.1	22.9	22.9	2.8
17:48:29	27 45.1	-92 6.4	444.2	461.1	10040*	475	30.4	-9.0	-2.3	71.4	75.5*	0.0	39.0	269.5	72.4	40.3
17:49:00	27 44.6	-92 4.7	112.7	-0.4	112.7	457	91.3	2.8	-0.6	959.7	2.5*	30.9	30.1	-16.9	-18.9	0.5
17:49:00	27 45.6	-92 3.9	113.1	0.5	113.1	470	91.0	2.6	-0.7	262.7	3.8*	31.2	30.4	23.9	23.9	0.0
17:49:00	27 45.0	-92 4.4	111.7	-0.4	111.7	476	0.0	30.0	-11.7	72.9*	78.8	50.0	49.1	23.0	23.0	2.8
17:48:59	27 45.0	-92 4.3	444.2	461.1	10040*	475	30.2	-9.4	-2.3	72.0	76.0*	0.0	39.0	269.8	72.4	40.4
17:49:30	27 44.5	-92 2.6	112.7	-0.4	112.7	458	91.4	2.8	-1.0	959.7	2.5*	30.9	30.1	-16.9	-18.8	0.5
17:49:30	27 45.6	-92 1.8	113.1	0.4	113.1	471	91.5	2.6	-1.1	262.7	3.8*	31.2	30.4	23.8	23.8	0.0
17:49:30	27 45.0	-92 2.3	111.6	-0.6	111.6	475	0.0	29.5	-11.7	72.4*	78.3	50.0	49.1	22.9	22.9	2.8
17:49:29	27 45.0	-92 2.3	444.2	461.1	10040*	476	30.6	-10.3	-2.8	71.5	75.6*	0.0	39.0	269.9	72.4	40.3
17:50:00	27 44.5	-92 0.5	112.9	-0.5	112.9	458	91.5	2.8	-1.1	959.6	2.5*	30.8	30.0	-16.9	-18.9	0.5
17:50:00	27 45.6	-91 59.8	113.3	0.3	113.3	472	91.3	2.6	-1.2	262.7	3.8*	31.1	30.3	24.3	24.3	0.0
17:50:00	27 45.0	-92 0.3	111.8	-0.8	111.8	475	0.0	30.0	-11.4	72.3*	78.2	50.0	49.1	23.0	23.0	2.8
17:49:59	27 45.0	-92 0.3	444.0	460.9	10040*	477	30.5	-9.1	-2.4	71.4	75.6*	0.0	39.0	269.9	72.5	40.3
17:50:30	27 44.1	-91 58.6	71.6	-73.0	102.2	581	137.8*	11.2*	23.2*	945.5	2.5*	29.4	28.6	-16.9	-18.9	0.5
17:50:30	27 45.3	-91 57.9	72.1	-72.2	102.1	594	137.6*	11.0*	23.1*	262.7	3.8*	29.8	29.0	22.7	22.7	0.0
17:50:30	27 44.7	-91 58.4	72.8	-71.8	102.2	589	0.0	29.7	-7.5	61.3*	65.9	50.0	49.1	22.5	22.5	3.1
17:50:29	27 44.6	-91 58.4	442.0	458.7	10040*	595	30.0	-3.0	-0.2	59.1	64.0*	0.0	39.0	315.1	62.4	40.2
17:51:00	27 42.7	-91 58.0	2.1	-99.7	99.7	819	178.9*	4.8	-13.2*	921.5	2.5*	27.7	26.9	-16.9	-18.8	0.5
17:51:00	27 43.8	-91 57.2	2.6	-99.0	99.1	826	178.9*	4.6	-13.3*	262.7	3.8*	28.1	27.3	19.5	19.5	0.0
17:51:00	27 43.2	-91 57.8	-0.6	-99.6	99.6	835	0.0	26.5	-8.4	57.9*	62.3	50.0	49.1	20.7	20.7	3.5
17:50:59	27 43.2	-91 57.8	439.4	456.1	10040*	836	29.1	-5.0	-1.2	56.3	59.6*	0.0	39.0	358.4	59.7	40.1
17:51:30	27 41.6	-91 56.8	113.2	-1.7	113.3	900	90.4*	3.6*	-30.5*	913.0	2.5*	28.3	27.5	-16.9	-18.9	0.5
17:51:30	27 42.7	-91 56.0	113.6	-0.9	113.6	908	90.4*	3.4*	-30.7*	262.7	3.8*	28.6	27.8	18.7	18.7	0.0
17:51:30	27 42.0	-91 56.6	111.7	-5.6	111.8	924	0.0	31.8	-9.5	69.1*	74.5	50.0	49.1	20.7	20.7	3.3
17:51:29	27 42.0	-91 56.6	440.4	457.1	10040*	918	29.2	-4.0	-1.2	67.6	71.1*	0.0	38.9	270.1	73.2	40.1
17:52:00	27 42.7	-91 55.4	16.6	115.7	116.8	914	6.5*	2.8*	-25.0*	910.8	2.5*	28.6	27.8	-16.9	-18.8	0.5
17:52:00	27 43.9	-91 54.6	17.0	116.3	117.6	924	6.5*	2.6*	-25.2*	262.7	3.8*	28.9	28.1	18.3	18.3	0.0
17:52:00	27 43.2	-91 55.2	19.0	114.7	116.3	934	0.0	39.8	-6.9	71.5*	77.6	50.0	49.1	20.1	20.1	3.3
17:51:59	27 43.2	-91 55.2	440.8	457.5	10040*	935	29.3	-7.3	-2.1	70.4	74.5*	0.0	39.0	188.3	76.7	40.2

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:52:30	27 44.2	-91 56.3	-107.8	28.6	111.5	925	281.6*	0.8	-34.7*	909.9	2.5*	27.9	27.1	-16.9	-18.9	0.5
17:52:30	27 45.4	-91 55.5	-107.4	29.1	111.3	933	281.5*	0.6	-34.9*	262.7	3.8*	28.3	27.5	18.1	18.1	0.0
17:52:30	27 44.6	-91 56.0	-107.5	33.1	112.5	943	0.0	43.9	-4.3	69.1*	75.1	50.0	49.1	20.2	20.2	3.4
17:52:29	27 44.7	-91 56.0	439.8	456.4	10040*	945	23.4	-6.3	-1.8	67.8	71.8*	0.0	38.9	105.3	71.5	40.1
17:53:00	27 44.2	-91 58.3	-113.4	7.0	113.6	893	273.0*	2.6	5.9*	912.6	2.5*	28.4	27.6	-16.9	-18.8	0.5
17:53:00	27 45.4	-91 57.5	-113.0	7.5	113.2	903	272.8*	2.5	5.7*	262.7	3.8*	28.7	27.9	19.4	19.4	0.0
17:53:00	27 44.7	-91 58.1	-114.7	6.0	114.9	905	0.0	30.6	-11.3	73.2*	78.8	50.0	49.1	21.0	21.0	3.3
17:52:59	27 44.7	-91 58.1	440.5	457.2	10040*	913	26.9	-3.8	-0.6	72.1	76.4*	0.0	38.9	94.0	73.6	40.1
17:53:30	27 44.6	-92 0.4	-111.1	25.8	114.1	893	282.5*	2.8	-4.8*	912.9	2.5*	28.3	27.5	-16.9	-18.9	0.5
17:53:30	27 45.8	-91 59.5	-110.7	26.4	113.8	901	282.2*	2.6	-4.9*	262.7	3.8*	28.6	27.8	19.7	19.7	0.0
17:53:30	27 45.0	-92 0.2	-112.3	25.9	115.3	909	0.0	30.1	-11.6	72.3*	78.3	50.0	49.1	21.5	21.5	3.3
17:53:29	27 45.0	-92 0.2	440.3	457.0	10040*	912	29.3	-11.7	-3.1	71.7	75.9*	0.0	38.9	103.7	74.0	40.1
17:54:00	27 44.7	-92 2.4	-113.7	-0.6	113.7	892	269.3	2.8	1.1	912.8	2.5*	28.6	27.8	-16.9	-18.9	0.5
17:54:00	27 45.8	-92 1.6	-113.3	-0.1	113.3	902	268.9	2.6	0.9	262.7	3.8*	28.9	28.1	18.7	18.7	0.0
17:54:00	27 45.1	-92 2.3	-114.9	-1.2	115.0	908	0.0	30.0	-11.5	72.3*	78.2	50.0	49.1	20.6	20.6	3.3
17:53:59	27 45.1	-92 2.3	440.8	457.5	10040*	913	29.4	-9.3	-2.4	71.6	75.7*	0.0	38.9	90.2	73.6	40.1
17:54:30	27 44.7	-92 4.5	-114.2	2.6	114.3	894	270.9	2.6	-0.6	912.7	2.5*	28.7	27.9	-16.9	-18.8	0.5
17:54:30	27 45.9	-92 3.7	-113.8	3.1	113.9	903	270.9	2.5	-0.8	262.7	3.8*	29.0	28.2	18.9	18.9	0.0
17:54:30	27 45.1	-92 4.4	-115.5	2.2	115.5	908	0.0	29.6	-11.8	72.8*	78.8	50.0	49.1	20.8	20.8	3.2
17:54:29	27 45.1	-92 4.4	440.9	457.6	10041*	914	29.4	-10.3	-2.8	72.2	76.3*	0.0	39.0	91.8	74.1	40.2
17:55:00	27 44.7	-92 6.6	-114.6	0.2	114.6	895	269.8	2.5	-1.3	912.6	2.5*	28.6	27.8	-16.9	-18.9	0.5
17:55:00	27 45.9	-92 5.8	-114.3	0.8	114.3	904	269.6	2.4	-1.5	262.7	3.8*	28.9	28.1	19.1	19.1	0.0
17:55:00	27 45.1	-92 6.5	-115.9	-0.1	115.9	906	0.0	29.4	-12.0	73.1*	79.1	50.0	49.1	21.0	21.0	3.3
17:54:59	27 45.1	-92 6.5	440.8	457.5	10041*	916	29.2	-10.5	-2.8	72.5	76.6*	0.0	38.9	90.6	74.5	40.1
17:55:30	27 44.7	-92 8.7	-114.9	-0.4	114.9	893	269.5	2.6	-1.0	912.7	2.5*	28.5	27.7	-16.9	-18.9	0.5
17:55:30	27 45.9	-92 7.8	-114.6	0.2	114.6	903	269.2	2.5	-1.1	262.7	3.8*	28.8	28.0	19.2	19.2	0.0
17:55:30	27 45.1	-92 8.6	-116.2	-0.8	116.2	920	0.0	28.8	-12.6	74.0*	80.1	50.0	49.1	20.9	20.9	3.3
17:55:29	27 45.1	-92 8.6	440.6	457.3	10040*	915	29.3	-10.8	-3.0	73.4	77.5*	0.0	39.0	90.3	74.8	40.2
17:56:00	27 44.7	-92 10.8	-115.0	-0.4	115.0	894	269.5	2.5	-0.9	912.6	2.5*	28.7	27.9	-16.9	-18.9	0.5
17:56:00	27 45.9	-92 9.9	-114.6	0.2	114.6	903	269.1	2.4	-1.0	262.7	3.8*	29.0	28.2	19.0	19.0	0.0
17:56:00	27 45.1	-92 10.7	-116.3	-0.7	116.3	922	0.0	29.2	-12.5	74.2*	80.2	50.0	49.1	20.7	20.7	3.2
17:55:59	27 45.1	-92 10.7	441.0	457.7	10041*	916	29.4	-10.4	-2.9	73.6	77.7*	0.0	38.9	90.3	74.9	40.1
17:56:30	27 44.7	-92 12.9	-115.4	-0.6	115.4	893	269.1	2.4	-1.0	912.4	2.5*	28.1	27.3	-16.9	-18.9	0.5
17:56:30	27 45.9	-92 12.0	-115.0	-0.0	115.0	903	269.2	2.2	-1.2	262.7	3.8*	28.4	27.6	21.7	21.7	0.0
17:56:30	27 45.1	-92 12.8	-116.6	-0.8	116.6	915	0.0	30.7	-12.2	74.6*	80.4	50.0	49.1	22.1	22.1	3.4
17:56:29	27 45.1	-92 12.9	440.1	456.8	10040*	915	22.4	-3.7	-0.8	73.4	77.7*	0.0	39.0	90.0	75.3	40.1
17:57:00	27 44.7	-92 15.0	-115.6	-1.1	115.6	893	269.5	2.6	-1.2	912.7	2.5*	28.6	27.8	-16.9	-18.9	0.5
17:57:00	27 45.9	-92 14.1	-115.2	-0.6	115.2	903	269.3	2.5	-1.4	262.7	3.8*	28.9	28.1	20.3	20.3	0.0
17:57:00	27 45.1	-92 15.0	-116.9	-1.4	116.9	918	0.0	28.9	-12.7	73.3*	79.1	50.0	49.1	20.7	20.7	3.3
17:56:59	27 45.1	-92 15.0	440.7	457.5	10041*	915	25.4	-7.6	-1.9	72.5	76.6*	0.0	38.9	89.5	75.5	40.1

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:57:30	27 44.7	-92 17.1	-115.6	-1.4	115.6	893	269.2	2.6	-1.0	912.7	2.4*	28.6	27.8	-16.9	-18.9	0.5
17:57:30	27 45.9	-92 16.2	-115.3	-0.8	115.3	903	268.9	2.4	-1.1	262.7	3.8*	28.9	28.1	19.3	19.3	0.0
17:57:30	27 45.1	-92 17.1	-116.8	-1.7	116.8	915	0.0	29.1	-12.7	73.1*	79.1	50.0	49.1	21.0	21.0	3.3
17:57:29	27 45.1	-92 17.1	440.7	457.5	10041*	915	29.2	-10.1	-2.7	72.5	76.5*	0.0	38.9	89.6	75.5	40.1
17:58:00	27 44.6	-92 19.2	-115.7	-0.5	115.7	894	269.2	2.6	-0.4	912.5	2.5*	28.8	28.0	-16.9	-18.9	0.5
17:58:00	27 45.9	-92 18.3	-115.4	0.0	115.4	904	268.9	2.4	-0.5	262.7	3.8*	29.1	28.3	19.3	19.3	0.0
17:58:00	27 45.0	-92 19.2	-116.9	-0.9	116.9	909	0.0	28.3	-13.2	74.

A/C 43, Flgt 060911I, Micro99 date 2006/09/11, Proj TexAQS Run on Fri Mar 23 10:34:50 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
18:02:30	27 44.7	-92 38.1	-114.4	1.3	114.5	894	269.9	2.6	-1.0	912.7	2.5*	28.0	27.2	-16.9	-18.9	0.5
18:02:30	27 46.1	-92 37.2	-114.3	1.8	114.3	903	269.9	2.4	-1.1	262.7	3.8*	28.3	27.5	20.6	20.6	0.0
18:02:30	27 45.1	-92 38.3	-115.5	0.9	115.5	898	0.0	29.4	-12.2	72.4*	78.4	50.0	49.1	21.7	21.7	3.4
18:02:29	27 45.1	-92 38.3	440.0	456.6	10041*	914	28.8	-10.8	-3.0	71.8	75.9*	0.0	38.9	91.4	74.4	40.1
18:03:00	27 44.7	-92 40.2	-114.5	1.1	114.5	894	269.8	2.6	-1.1	912.7	2.5*	28.5	27.7	-16.9	-18.8	0.5
18:03:00	27 46.1	-92 39.2	-114.3	1.6	114.4	903	269.6	2.5	-1.2	262.7	3.8*	28.8	28.0	19.3	19.3	0.0
18:03:00	27 45.1	-92 40.4	-115.5	0.7	115.5	898	0.0	29.4	-12.2	72.3*	78.2	50.0	49.1	20.9	20.9	3.3
18:02:59	27 45.1	-92 40.4	440.6	457.3	10041*	913	28.9	-10.3	-2.8	71.7	75.7*	0.0	38.9	91.3	74.4	40.1
18:03:30	27 44.8	-92 42.3	-114.4	1.4	114.4	892	269.8	2.8	-0.9	912.9	2.5*	28.7	27.9	-16.9	-18.9	0.5
18:03:30	27 46.1	-92 41.3	-114.2	1.9	114.3	901	269.5	2.7	-1.0	262.7	3.8*	29.0	28.2	19.0	19.0	0.0
18:03:30	27 45.1	-92 42.5	-115.4	1.0	115.4	905	0.0	29.6	-12.0	72.2*	78.1	50.0	49.1	20.7	20.7	3.2
18:03:29	27 45.1	-92 42.5	440.9	457.7	10041*	911	28.9	-10.0	-2.7	71.5	75.5*	0.0	38.9	91.5	74.3	40.1
18:04:00	27 44.8	-92 44.3	-114.1	1.8	114.1	891	269.8	3.0	-0.8	912.9	2.5*	28.6	27.8	-16.9	-18.8	0.5
18:04:00	27 46.2	-92 43.4	-114.0	2.3	114.0	900	269.5	2.8	-0.9	262.7	3.8*	28.9	28.1	19.5	19.5	0.0
18:04:00	27 45.1	-92 44.6	-115.1	1.3	115.1	901	0.0	30.4	-11.5	71.6*	77.5	50.0	49.1	21.1	21.1	3.3
18:03:59	27 45.1	-92 44.6	440.7	457.5	10040*	910	28.8	-10.3	-2.8	70.9	75.0*	0.0	38.9	91.8	74.0	40.1
18:04:30	27 44.8	-92 46.4	-114.4	1.6	114.4	894	269.9	2.7	-1.0	912.6	2.5*	28.7	27.9	-16.9	-18.8	0.5
18:04:30	27 46.2	-92 45.5	-114.3	2.1	114.3	903	269.9	2.5	-1.2	262.7	3.8*	29.0	28.2	19.0	19.0	0.0
18:04:30	27 45.1	-92 46.7	-115.3	1.2	115.3	908	0.0	29.7	-11.9	71.7*	77.7	50.0	49.1	20.5	20.5	3.2
18:04:29	27 45.1	-92 46.7	440.9	457.6	10041*	914	28.9	-11.2	-3.2	71.1	75.1*	0.0	38.9	91.6	74.3	40.1
18:05:00	27 44.8	-92 48.5	-114.5	1.8	114.5	893	269.8	2.7	-0.8	912.6	2.5*	28.7	27.9	-16.9	-18.9	0.5
18:05:00	27 46.2	-92 47.6	-114.4	2.3	114.4	903	269.6	2.5	-1.0	262.7	3.8*	29.0	28.2	19.0	19.0	0.0
18:05:00	27 45.2	-92 48.8	-115.4	1.4	115.4	903	0.0	29.3	-12.1	71.9*	77.8	50.0	49.1	20.8	20.8	3.2
18:04:59	27 45.2	-92 48.8	441.0	457.7	10041*	913	28.8	-10.2	-2.8	71.3	75.3*	0.0	38.9	91.8	74.4	40.1
18:05:30	27 44.9	-92 50.6	-114.7	2.0	114.7	894	269.8	2.6	-0.9	912.6	2.5*	28.9	28.1	-16.9	-18.9	0.5
18:05:30	27 46.3	-92 49.7	-114.6	2.5	114.7	903	269.5	2.5	-1.0	262.7	3.8*	29.2	28.4	18.8	18.8	0.0
18:05:30	27 45.2	-92 50.9	-115.6	1.6	115.6	900	0.0	29.6	-11.9	71.9*	77.8	50.0	49.1	20.9	20.9	3.2
18:05:29	27 45.2	-92 50.9	441.2	458.0	10041*	913	28.8	-10.6	-2.9	71.3	75.3*	0.0	38.9	91.9	74.6	40.1
18:06:00	27 44.9	-92 52.7	-114.8	0.2	114.8	893	269.2	2.8	-4.2*	912.7	2.5*	28.7	27.9	-16.9	-18.9	0.5
18:06:00	27 46.3	-92 51.8	-114.8	0.7	114.8	903	268.8	2.6	-4.3*	262.7	3.8*	29.1	28.3	19.5	19.5	0.0
18:06:00	27 45.2	-92 53.0	-115.7	0.2	115.7	898	0.0	29.8	-11.8	72.1*	78.2	50.0	49.1	21.0	21.0	3.2
18:05:59	27 45.2	-92 53.1	441.0	457.8	10041*	912	29.0	-11.5	-3.2	71.5	75.5*	0.0	38.9	90.8	74.7	40.1
18:06:30	27 44.9	-92 54.8	-114.5	-1.2	114.5	894	268.6	3.1*	-1.4*	912.6	2.5*	28.5	27.7	-16.9	-18.9	0.5
18:06:30	27 46.3	-92 53.9	-114.5	-0.7	114.5	903	268.6	2.5	-0.9	262.7	3.8*	28.8	28.0	19.7	19.7	0.0
18:06:30	27 45.2	-92 55.1	-115.3	-1.6	115.3	892	0.0	29.4	-12.1	71.7*	77.6	50.0	49.1	21.4	21.4	3.3
18:06:29	27 45.2	-92 55.2	440.6	457.4	10041*	912	29.1	-10.5	-2.9	71.0	75.1*	0.0	38.9	90.1	74.4	40.1
18:07:00	27 44.8	-92 56.9	-114.6	-2.7	114.6	895	268.1	2.7	-0.7	912.6	2.4*	28.8	28.0	-16.9	-18.9	0.5
18:07:00	27 46.3	-92 55.9	-114.6	-2.2	114.6	902	267.9	2.6	-0.8	262.7	3.8*	29.2	28.4	19.0	19.0	0.0
18:07:00	27 45.1	-92 57.3	-115.4	-3.0	115.4	897	0.0	29.5	-11.9	72.3*	78.2	50.0	49.1	20.7	20.7	3.2
18:06:59	27 45.1	-92 57.3	441.2	457.9	10041*	911	29.3	-10.1	-2.8	71.6	75.7*	0.0	38.9	89.3	74.5	40.1

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:07:30	27 44.8	-92 59.0	-114.5	-1.9	114.5	893	268.0	2.7	-0.6	912.6	2.5*	28.3	27.5	-16.9	-18.9	0.5
18:07:30	27 46.2	-92 58.0	-114.5	-1.4	114.5	902	267.7	2.6	-0.7	262.7	3.8*	28.6	27.8	20.2	20.2	0.0
18:07:30	27 45.1	-92 59.4	-115.2	-2.3	115.3	893	0.0	29.1	-12.2	71.7*	77.6	50.0	49.1	21.8	21.8	3.3
18:07:29	27 45.1	-92 59.4	440.3	457.0	10041*	912	29.2	-10.3	-2.8	71.1	75.1*	0.0	38.9	90.0	74.5	40.1
18:08:00	27 45.1	-93 1.0	-87.0	75.7	115.3	896	312.3*	2.6	27.6	911.2	2.4*	28.5	27.7	-16.9	-18.9	0.5
18:08:00	27 46.6	-93 0.0	-87.1	76.2	115.8	905	312.2*	2.4	27.5	262.7	3.8*	28.8	28.0	19.5	19.5	0.0
18:08:00	27 45.4	-93 1.4	-90.2	72.5	115.8	899	0.0	37.0	-8.2	71.6*	77.7	50.0	49.1	20.9	20.9	3.3
18:07:59	27 45.4	-93 1.4	440.6	457.3	10041*	916	29.1	-10.3	-2.4	70.8	76.0*	0.0	38.9	131.7	75.3	40.1
18:08:30	27 46.9	-93 1.5	1.9	115.6	115.6	887	1.4	3.2	-2.4	913.1	2.5*	28.4	27.6	-16.9	-18.9	0.5
18:08:30	27 48.3	-93 0.6	1.8	116.2	116.2	896	1.2	3.0	-2.6	262.7	3.8*	28.7	27.9	19.1	19.1	0.0
18:08:30	27 47.1	-93 2.0	1.5	115.4	115.4	897	0.0	30.9	-10.3	70.2*	75.9	50.0	49.1	20.8	20.8	3.3
18:08:29	27 47.1	-93 2.0	440.5	457.2	10041*	907	29.4	-9.8	-2.7	69.4	73.3*	0.0	38.9	181.0	75.5	40.1
18:09:00	27 48.7	-93 1.5	-2.8	115.3	115.3	892	358.9	2.9	2.5*	912.6	2.4*	28.2	27.4	-16.9	-18.9	0.5
18:09:00	27 50.2	-93 0.6	-3.0	115.9	115.9	902	358.6	2.8	2.3*	262.7	3.8*	28.6	27.8	19.9	19.9	0.0
18:09:00	27 49.0	-93 2.0	-3.6	115.1	115.1	904	0.0	30.0	-10.5	70.2*	75.8	50.0	49.1	21.1	21.1	3.3
18:08:59	27 49.0	-93 2.0	440.3	457.0	10041*	914	29.4	-7.7	-2.0	69.3	73.1*	0.0	38.9	178.8	75.3	40.1
18:09:30	27 50.6	-93 1.4	8.4	115.7	116.0	892	4.6	2.8	-0.5	912.5	2.5*	28.1	27.3	-16.9	-18.9	0.5
18:09:30	27 52.1	-93 0.5	8.2	116.3	116.5	902	4.3	2.7	-0.6	262.7	3.8*	28.4	27.6	19.9	19.9	0.0
18:09:30	27 50.8	-93 1.9	7.8	115.4	115.7	903	0.0	30.0	-10.8	70.3*	76.0	50.0	49.1	21.5	21.5	3.4
18:09:29	27 50.8	-93 1.9	440.1	456.7	10041*	915	29.4	-9.8	-2.7	69.6	73.6*	0.0	38.9	184.3	75.9	40.1
18:10:00	27 52.5	-93 1.3	9.3	117.5	117.9	894	4.8	2.5	-0.8	912.5	2.4*	28.6	27.8	-16.9	-18.8	0.5
18:10:00	27 54.0	-93 0.4	9.1	118.1	118.4	903	4.9	2.4	-1.0	262.7	3.8*	28.9	28.1	19.0	19.0	0.0
18:10:00	27 52.7	-93 1.8	8.8	117.3	117.6	904	0.0	28.5	-11.9	72.9*	78.8	50.0	49.1	20.8	20.8	3.3
18:09:59	27 52.7	-93 1.8	440.9	457.6	10041*	916	29.5	-10.4	-2.9	72.2	76.3*	0.0	38.9	184.7	77.8	40.1
18:10:30	27 54.4	-93 1.1	9.3	123.3	123.6	840	4.5	1.3	-1.2	918.0	2.4*	29.6	28.8	-16.9	-18.9	0.5
18:10:30	27 55.9	-93 0.2	9.0	123.8	124.2	849	4.3	1.2	-1.3	262.7	3.8*	29.9	29.1	19.6	19.6	0.0
18:10:30	27 54.7	-93 1.6	8.8	123.0	123.3	857	0.0	23.7	-17.4	81.2*	87.5	50.0	49.1	21.3	21.3	3.0
18:10:29	27 54.7	-93 1.6	442.3	459.1	10041*	861	29.6	-10.8	-3.0	80.6	84.9*	0.0	38.9	184.5	83.5	40.1
18:11:00	27 56.5	-93 1.0	3.8	127.8	127.9	764	1.6	-0.1	-2.2	925.8	2.4*	30.7	29.9	-16.9	-18.9	0.5
18:11:00	27 58.0	-93 0.1	3.5	128.4	128.4	774	1.3	-0.2	-2.3	262.7	3.8*	30.9	30.1	20.0	20.0	0.0
18:11:00	27 56.7	-93 1.5	3.5	127.5	127.6	784	0.0	20.4	-21.0	87.6*	94.2	50.0	49.1	21.6	21.6	2.8
18:10:59	27 56.7	-93 1.5	443.8	460.7	10041*	787	29.8	-9.8	-2.6	87.0	91.7*	0.0	38.9	181.9	87.7	40.2
18:11:30	27 58.6	-93 1.0	-2.6	132.7	132.8	641	358.9	-0.1	-2.4	938.6	2.5*	31.8	31.0	-16.9	-18.9	0.5
18:11:30	28 0.1	-93 0.1	-2.9	133.3	133.3	652	358.6	-0.3	-2.5	262.7	3.8*	32.0	31.2	21.5	21.5	0.0
18:11:30	27 58.8	-93 1.5	-2.8	132.5	132.5	658	0.0	17.6	-25.0	95.5*	102.5	50.0	49.1	22.6	22.6	2.6
18:11:29	27 58.8	-93 1.5	445.5	462.4	10041*	665	30.1	-8.7	-2.3	94.8	100.0*	0.0	38.9	178.9	92.5	40.3
18:12:00	28 0.7	-93 1.0	-2.9	131.1	131.2	521	358.8	0.2	-1.1	951.3	2.5*	32.5	31.7	-16.9	-18.8	0.5
18:12:00	28 2.3	-93 0.1	-3.2	131.6	131.7	537	358.8	0.1	-1.3	262.7	3.8*	32.7	31.9	22.4	22.4	0.0
18:12:00	28 1.0	-93 1.5	-3.2	131.0	131.1	540	0.0	18.2	-24.8	95.6*	102.6	50.0	49.1	22.9	22.9	2.5
18:11:59	28 1.0	-93 1.5	446.5	463.5	10041*	546	30.2	-7.1	-1.8	94.9	100.2*	0.0	38.9	178.7	90.8	40.4

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:12:30	28 2.9	-93 1.1	-3.9	129.4	129.5	413	358.4	-0.3	-1.2	963.2	2.5*	33.0	32.2	-16.9	-18.9	0.5
18:12:30	28 4.4	-93 0.2	-4.3	129.9	130.0	429	358.2	-0.4	-1.3	262.7	3.8*	33.2	32.4	23.3	23.3	0.0
18:12:30	28 3.1	-93 1.6	-4.1	129.2	129.3	434	0.0	19.8	-23.0	92.5*	99.4	50.0	49.1	23.0	23.0	2.4
18:12:29	28 3.1	-93 1.6	447.2	464.3	10041*	439	30.7	-9.1	-2.4	91.9	96.9*	0.0	38.9	178.3	89.1	40.4
18:13:00	28 4.9	-93 1.2	-4.8	128.6	128.7	299	358.0	-0.2	-1.3	975.5	2.4*	33.6	32.8	-16.9	-18.9	0.5
18:13:00	28 6.5	-93 0.3	-5.1	129.1	129.2	317	357.7	-0.3	-1.4	262.7	3.8*	33.9	33.0	24.0	24.0	0.0
18:13:00	28 5.2	-93 1.7	-4.7	128.5	128.5	325	0.0	20.3	-22.8	92.9*	99.9	50.0	49.1	23.6	23.6	2.3
18:12:59	28 5.2	-93 1.7	448.2	465.3	10042*	326	30.9	-7.5	-2.0	92.2	97.3*	0.0	38.9	177.9	88.3	40.4
18:13:30	28 7.0	-93 1.3	-4.7	126.1	126.2	188	357.9	2.6	-1.3	987.3	2.5*	34.4	33.6	-16.9	-18.9	0.5
18:13:30	28 8.6	-93 0.4	-5.0	126.6	126.7	207	357.5	2.4	-1.4	262.7	3.8*	34.5	33.7	24.4	24.4	0.0
18:13:30	28 7.2	-93 1.8	-4.8	126.3	126.4	207	0.0	29.5	-17.3	89.9*	96.8	50.0	49.1	23.5	23.5	2.2
18:13:29	28 7.2	-93 1.8	449.3	466.4	10041*	215	30.2	-6.0	-2.5	89.0	94.4*	0.0	38.9	177.9	85.7	40.5
18:14:00	28 9.0	-93 1.4	-9.7	119.7	120.1	171	356.1	1.3	-2.8	989.9	2.4*	33.7	32.9	-16.9	-18.9	0.5
18:14:00	28 10.5	-93 0.5	-10.0	120.1	120.5	190	356.1	1.2	-3.0	262.7	3.8*	33.9	33.1	24.1	24.1	0.0
18:14:00	28 9.2	-93 1.9	-9.4	119.4	119.8	194	0.0	26.3	-15.5	80.8*	87.2	50.0	49.1	24.1	24.1	2.3
18:13:59	28 9.2	-93 1.9	448.2	465.3	10041*	198	30.5	-7.4	-1.8	80.0	84.4*	0.0	38.9	175.1	79.7	40.4
18:14:30	28 10.9	-93 1.6	-12.4	118.5	119.1	165	355.2	2.0	0.5	990.6	2.4*	33.6	32.8	-16.9	-18.9	0.5
18:14:30	28 12.5	-93 0.7	-12.8	118.9	119.6	184	355.0	1.9	0.4	262.7	3.8*	33.9	33.1	24.0	24.0	0.0
18:14:30	28 11.1	-93 2.1	-12.5	118.3	118.9	188	0.0	26.6	-15.6	79.9*	86.1	50.0	49.1	24.0	24.0	2.3
18:14:29	28 11.1	-93 2.1	448.1	465.2	10041*	195	30.5	-5.3	-1.0	78.9	83.4*	0.0	38.9	173.5	78.7	40.4
18:15:00	28 12.8	-93 2.0	-33.5	113.5	118.4	163	344.5	2.2	-0.2*	991.1	2.4*	33.2	32.4	-16.9	-18.9	0.5
18:15:00	28 14.4	-93 1.1	-33.8	113.9	118.8	181	344.2	2.1	-0.3*	262.7	3.8*	33.5	32.7	24.3	24.3	0.0
18:15:00	28 13.0	-93 2.5	-33.5	113.3	118.2	186	0.0	26.4	-15.4	78.7*	85.1	50.0	49.1	24.1	24.1	2.4
18:14:59	28 13.0	-93 2.5	447.5	464.6	10041*	189	30.3	-10.7	-2.9	78.0	82.3*	0.0	38.9	163.4	78.0	40.4
18:15:30	28 14.6	-93 1.9	73.9	85.7	113.2	163	44.4*	2.8	29.8	990.0	2.4*	33.0	32.2	-16.9	-18.8	0.5
18:15:30	28 16.2	-93 1.0	73.6	86.2	113.3	180	44.4*	2.6	29.6	262.7	3.8*	33.4	32.6	23.7	23.7	0.0
18:15:30	28 14.8	-93 2.4	71.2	88.4	113.5	181	0.0	37.6	-8.7	73.8*	80.0	50.0	49.1	24.1	24.1	2.4
18:15:29	28 14.8	-93 2.4	447.3	464.4	10041*	186	30.2	-7.1	-1.3	72.6	78.1*	0.0	38.9	220.0	72.8	40.4
18:16:00	28 15.0	-92 60.0	107.7	-8.9	108.1	158	96.6	3.1	0.1	991.7	2.4*	32.7	31.9	-16.9	-18.9	0.5
18:16:00	28 16.5	-92 59.1	107.5	-8.4	107.8	177	96.4	2.9	-0.1	262.7	3.8*	33.0	32.2	23.5	23.5	0.0
18:16:00	28 15.2	-93 0.6	108.1	-9.1	108.5	178	0.0	29.9	-10.8	70.1*	75.9	50.0	49.1	23.7	23.7	2.5
18:15:59	28 15.2	-93 0.5	446.8	463.8	10041*	182	30.0	-9.0	-2.4	69.2	73.2*	0.0	38.9	273.9	67.7	40.4
18:16:30	28 14.8	-92 58.0	107.9	-13.9	108.8	163	98.9*	2.8	-5.2*	991.4	2.4*	32.5	31.7	-16.9	-18.9	0.5
18:16:30	28 16.3	-92 57.2	107.7	-13.4	108.5	181	98.6*	2.7	-5.3*	262.7	3.8*	32.8	32.0	23.6	23.6	0.0
18:16:30	28 15.0	-92 58.6	108.2	-14.6	109.2	185	0.0	29.8	-10.8	69.8*	75.8	50.0	49.1	23.7	23.7	2.5
18:16:29	28 15.0	-92 58.6	446.5	463.5	10041*	187	30.0	-12.6	-3.5	69.0	72.8*	0.0	38.8	276.8	68.5	40.3
18:17:00	28 14.7	-92 56.0	110.5	-1.6	110.5	162	92.4	2.5	0.2	991.3	2.4*	33.1	32.3	-16.9	-18.9	0.5
18:17:00	28 16.3	-92 55.2	110.3	-1.1	110.3	181	92.1	2.4	0.0	262.7	3.8*	33.4	32.6	24.7	24.7	0.0
18:17:00	28 14.9	-92 56.6	110.9	-1.8	111.0	182	0.0	28.5	-12.3	73.7*	79.8	50.0	49.1	24.6	24.6	2.4
18:16:59	28 14.9	-92 56.6	447.4	464.5	10041*	186	30.0	-10.3	-2.7	72.9	77.1*	0.0	38.9	270.3	70.1	40.4

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:17:30	28 14.7	-92 54.0	111.2	-3.1	111.2	161	93.0	2.6	-1.0	991.4	2.4*	33.1	32.3	-16.9	-18.8	0.5
18:17:30	28 16.3	-92 53.1	110.9	-2.6	110.9	179	93.0	2.5	-1.1	262.7	3.8*	33.4	32.6	24.7	24.7	0.0
18:17:30	28 14.9	-92 54.5	111.7	-3.4	111.7	179	0.0	29.1	-12.3	73.5*	79.6	50.0	49.1	24.4	24.4	2.4
18:17:29	28 14.9	-92 54.5	447.4	464.5	10041*	185	30.6	-10.6	-2.7	72.7	76.9*	0.0	38.8	271.1	70.9	40.3
18:18:00	28 14.6	-92 51.9	111.6	-3.3	111.6	162	93.3	2.5	-1.1	991.2	2.4*	33.3	32.5	-16.9	-18.8	0.5
18:18:00	28 16.2	-92 51.1	111.3	-2.9	111.3	181	93.1	2.4	-1.2	262.7	3.8*	33.6	32.8	25.0	25.0	0.0
18:18:00	28 14.8	-92 52.5	112.1	-3.6	112.2	183	0.0	27.1	-13.8	75.2*	81.3

A/C 43, Flgt 060911I, Micro99 date 2006/09/11, Proj TexAQS Run on Fri Mar 23 10:34:50 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
18:22:30	28 14.9	-92 33.6	111.3	2.4	111.4	161	90.3	2.5	-0.8	991.3	2.4*	33.5	32.7	-16.9	-18.8	0.5
18:22:30	28 16.5	-92 32.8	111.0	2.8	111.0	180	89.9	2.4	-0.9	262.7	3.8*	33.8	33.0	24.3	24.3	0.0
18:22:30	28 15.0	-92 34.0	112.2	2.1	112.2	184	0.0	27.4	-13.7	75.3*	81.3	50.0	49.1	24.2	24.2	2.3
18:22:29	28 15.0	-92 33.9	448.0	465.1	10041*	185	31.3	-8.0	-1.9	74.4	78.4*	0.0	38.9	268.1	71.0	40.4
18:23:00	28 14.9	-92 31.5	111.5	2.0	111.5	161	90.2	2.6	-0.9	991.3	2.4*	33.5	32.7	-16.9	-18.8	0.5
18:23:00	28 16.6	-92 30.7	111.1	2.4	111.1	180	89.9	2.4	-1.0	262.7	3.8*	33.8	33.0	24.5	24.5	0.0
18:23:00	28 15.1	-92 31.9	112.4	1.8	112.4	182	0.0	28.7	-12.9	74.6*	80.7	50.0	49.1	24.2	24.2	2.3
18:22:59	28 15.1	-92 31.9	447.9	465.1	10041*	185	31.4	-10.8	-2.9	73.8	77.9*	0.0	38.9	268.6	71.1	40.4
18:23:30	28 14.9	-92 29.5	111.7	2.2	111.7	162	90.5	2.4	-0.8	991.3	2.3*	33.5	32.8	-16.9	-18.8	0.9
18:23:30	28 16.6	-92 28.7	111.3	2.5	111.3	180	90.6	2.2	-0.9	262.1	3.6*	33.8	33.1	24.3	24.3	0.0
18:23:30	28 15.1	-92 29.8	112.6	1.9	112.6	181	0.0	26.9	-13.9	75.0*	81.2	50.0	49.1	24.1	24.1	2.3
18:23:29	28 15.1	-92 29.8	448.4	465.6	10057*	186	31.0	-11.6	-3.3	74.3	78.2*	0.0	37.9	268.3	72.3	39.4
18:24:00	28 15.0	-92 27.4	111.9	1.7	111.9	161	90.6	2.5	-1.1	991.3	2.4*	33.5	32.7	-16.9	-18.8	0.5
18:24:00	28 16.6	-92 26.7	111.5	2.0	111.5	180	90.4	2.4	-1.2	262.7	3.8*	33.8	33.0	24.6	24.6	0.0
18:24:00	28 15.1	-92 27.8	112.8	1.5	112.8	179	0.0	28.2	-13.2	74.5*	80.8	50.0	49.1	24.4	24.4	2.3
18:23:59	28 15.1	-92 27.8	447.9	465.1	10041*	186	30.9	-12.8	-3.7	73.9	77.9*	0.0	38.9	268.7	71.5	40.4
18:24:30	28 15.0	-92 25.4	112.0	1.9	112.0	162	90.7	2.3	-1.2	991.3	2.4*	33.6	32.8	-16.9	-18.9	0.5
18:24:30	28 16.7	-92 24.6	111.6	2.2	111.6	181	90.4	2.2	-1.3	262.7	3.8*	33.9	33.1	24.5	24.5	0.0
18:24:30	28 15.1	-92 25.7	112.9	1.7	113.0	181	0.0	26.7	-14.2	75.2*	81.6	50.0	49.1	24.3	24.3	2.3
18:24:29	28 15.1	-92 25.7	448.2	465.3	10042*	187	31.2	-13.3	-3.8	74.6	78.7*	0.0	38.9	268.5	71.6	40.4
18:25:00	28 15.0	-92 23.3	112.2	2.0	112.2	162	90.4	2.8*	-1.3*	991.2	2.4*	33.7	32.9	-16.9	-18.9	0.5
18:25:00	28 16.7	-92 22.6	111.8	2.3	111.8	181	90.1	2.2	-0.8	262.7	3.8*	34.0	33.2	24.4	24.4	0.0
18:25:00	28 15.2	-92 23.6	113.2	1.8	113.2	180	0.0	26.5	-14.6	76.6*	82.8	50.0	49.1	24.2	24.2	2.3
18:24:59	28 15.2	-92 23.6	448.3	465.4	10042*	187	31.3	-9.3	-2.4	75.9	80.1*	0.0	38.9	268.4	71.8	40.4
18:25:30	28 15.1	-92 21.3	112.1	2.4	112.1	162	90.5	2.4	-0.8	991.3	2.4*	33.7	32.9	-16.9	-18.8	0.5
18:25:30	28 16.7	-92 20.5	111.7	2.7	111.7	180	90.5	2.2	-1.0	262.7	3.8*	34.0	33.2	24.2	24.2	0.0
18:25:30	28 15.2	-92 21.6	113.2	2.3	113.2	180	0.0	27.1	-14.1	75.7*	82.0	50.0	49.1	24.2	24.2	2.3
18:25:29	28 15.2	-92 21.5	448.3	465.4	10041*	186	31.4	-12.8	-3.6	75.1	79.0*	0.0	38.8	268.2	71.8	40.4
18:26:00	28 15.1	-92 19.2	112.2	2.5	112.2	161	90.1	2.4	-0.9	991.1	2.4*	33.7	32.9	-16.9	-18.9	0.5
18:26:00	28 16.8	-92 18.5	111.7	2.8	111.8	180	89.9	2.3	-1.1	262.7	3.8*	34.0	33.2	24.2	24.2	0.0
18:26:00	28 15.2	-92 19.5	113.2	2.1	113.2	181	0.0	27.7	-14.0	76.6*	82.6	50.0	49.1	23.9	23.9	2.3
18:25:59	28 15.2	-92 19.5	448.3	465.4	10041*	186	31.2	-7.1	-1.6	75.7	79.7*	0.0	38.8	268.1	71.8	40.4
18:26:30	28 15.1	-92 17.2	112.3	2.5	112.3	162	90.4	2.3	-0.6	991.2	2.4*	33.6	32.8	-16.9	-18.9	0.5
18:26:30	28 16.8	-92 16.4	111.9	2.7	111.9	181	90.1	2.2	-0.7	262.7	3.8*	33.9	33.1	24.6	24.6	0.0
18:26:30	28 15.3	-92 17.4	113.3	2.3	113.4	182	0.0	26.6	-14.4	76.2*	82.3	50.0	49.1	24.3	24.3	2.3
18:26:29	28 15.3	-92 17.4	448.2	465.3	10041*	187	31.5	-8.6	-2.1	75.4	79.6*	0.0	38.8	268.0	72.0	40.4
18:27:00	28 15.1	-92 15.1	112.2	-1.2	112.2	161	91.9	2.3	-0.4	991.2	2.4*	33.6	32.8	-16.9	-18.8	0.5
18:27:00	28 16.8	-92 14.4	111.8	-0.9	111.8	180	91.6	2.2	-0.5	262.7	3.8*	34.0	33.1	24.7	24.7	0.0
18:27:00	28 15.3	-92 15.3	113.3	-1.4	113.3	181	0.0	26.4	-14.4	76.2*	82.3	50.0	49.1	24.4	24.4	2.3
18:26:59	28 15.3	-92 15.3	448.2	465.3	10041*	186	31.3	-9.3	-2.4	75.4	79.6*	0.0	38.9	270.1	71.8	40.4

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:27:30	28 15.1	-92 13.0	112.3	-1.6	112.3	160	92.5	2.4	-1.1	991.4	2.4*	33.6	32.8	-16.9	-18.8	0.5
18:27:30	28 16.8	-92 12.3	111.9	-1.3	111.9	179	92.5	2.3	-1.2	262.7	3.8*	34.0	33.1	24.5	24.5	0.0
18:27:30	28 15.2	-92 13.3	113.4	-1.8	113.4	183	0.0	26.9	-14.0	75.5*	81.7	50.0	49.1	24.3	24.3	2.3
18:27:29	28 15.2	-92 13.2	448.2	465.3	10041*	184	31.6	-10.3	-2.7	74.8	78.8*	0.0	38.9	270.1	71.9	40.4
18:28:00	28 15.1	-92 11.0	112.3	-1.8	112.3	161	92.5	2.3	-0.7	991.1	2.4*	33.8	33.0	-16.9	-18.9	0.5
18:28:00	28 16.8	-92 10.3	111.9	-1.5	111.9	180	92.3	2.1	-0.9	262.7	3.8*	34.1	33.3	24.3	24.3	0.0
18:28:00	28 15.2	-92 11.2	113.4	-2.0	113.4	184	0.0	26.9	-14.3	76.7*	82.8	50.0	49.1	24.3	24.3	2.3
18:27:59	28 15.2	-92 11.2	448.4	465.6	10041*	185	31.5	-7.7	-1.8	75.8	79.8*	0.0	38.8	270.2	72.0	40.4
18:28:30	28 15.1	-92 8.9	112.5	-1.6	112.5	160	92.4	2.4	-0.7	991.2	2.4*	33.8	33.0	-16.9	-18.9	0.5
18:28:30	28 16.8	-92 8.2	112.1	-1.3	112.1	179	92.1	2.3	-0.8	262.7	3.8*	34.1	33.3	24.3	24.3	0.0
18:28:30	28 15.2	-92 9.1	113.6	-1.7	113.6	185	0.0	27.5	-14.0	76.4*	82.7	50.0	49.1	24.1	24.1	2.3
18:28:29	28 15.2	-92 9.1	448.4	465.5	10041*	184	31.5	-11.9	-3.3	75.7	79.9*	0.0	38.9	270.3	72.1	40.4
18:29:00	28 15.0	-92 6.9	112.4	-1.7	112.4	159	92.2	2.3	-0.9	991.3	2.4*	33.8	33.0	-16.9	-18.9	0.5
18:29:00	28 16.8	-92 6.2	111.9	-1.4	112.0	179	91.9	2.1	-1.0	262.7	3.8*	34.1	33.3	24.3	24.3	0.0
18:29:00	28 15.2	-92 7.0	113.5	-1.9	113.5	186	0.0	24.4	-15.7	77.2*	83.3	50.0	49.1	24.4	24.4	2.3
18:28:59	28 15.2	-92 7.0	448.4	465.6	10041*	184	31.5	-8.2	-2.1	76.3	80.5*	0.0	38.9	270.2	72.0	40.4
18:29:30	28 15.0	-92 4.8	112.3	-1.8	112.4	160	92.1	2.2	-0.6	991.2	2.4*	33.8	33.0	-16.9	-18.8	0.5
18:29:30	28 16.7	-92 4.1	111.9	-1.5	111.9	179	92.2	2.0	-0.7	262.7	3.8*	34.1	33.3	24.4	24.4	0.0
18:29:30	28 15.1	-92 4.9	113.5	-2.0	113.5	187	0.0	25.4	-15.2	77.3*	83.5	50.0	49.1	24.1	24.1	2.3
18:29:29	28 15.1	-92 4.9	448.4	465.6	10041*	185	31.4	-9.6	-2.5	76.6	80.8*	0.0	38.9	270.5	71.9	40.4
18:30:00	28 15.0	-92 2.8	112.3	-2.1	112.3	160	92.5	2.3	-1.0	991.2	2.4*	33.9	33.1	-16.9	-18.9	0.5
18:30:00	28 16.7	-92 2.1	111.8	-1.8	111.9	179	92.3	2.2	-1.1	262.7	3.8*	34.2	33.4	23.8	23.8	0.0
18:30:00	28 15.1	-92 2.9	113.5	-2.3	113.5	188	0.0	25.7	-14.8	76.4*	82.5	50.0	49.1	24.1	24.1	2.3
18:29:59	28 15.1	-92 2.8	448.5	465.7	10041*	185	31.4	-10.1	-2.7	75.6	79.7*	0.0	38.8	270.5	71.9	40.4
18:30:30	28 14.9	-92 0.7	112.4	-2.4	112.4	162	92.5	2.2	-0.8	991.1	2.5*	33.8	32.9	-16.9	-18.8	0.3
18:30:30	28 16.7	-92 0.0	112.0	-2.1	112.0	181	92.2	2.1	-0.9	262.8	3.8*	34.1	33.2	24.7	24.7	0.0
18:30:30	28 15.0	-92 0.8	113.6	-2.5	113.6	187	0.0	27.0	-14.5	77.0*	83.2	50.0	49.1	24.3	24.3	2.3
18:30:29	28 15.0	-92 0.8	448.3	465.4	10038*	186	31.5	-9.8	-2.6	76.2	80.5*	0.0	39.1	270.7	71.7	40.7
18:31:00	28 14.8	-91 58.7	104.9	-32.6	109.9	293	108.3*	4.7	20.4*	976.0	2.3*	32.4	31.6	-16.9	-18.9	1.0
18:31:00	28 16.5	-91 58.0	104.6	-32.4	109.5	310	108.1*	4.5	20.2*	261.9	3.6*	32.7	31.9	24.3	24.3	0.0
18:31:00	28 14.9	-91 58.7	106.7	-30.5	111.0	312	0.0	26.0	-13.7	74.2*	79.2	50.0	49.2	23.7	23.7	2.5
18:30:59	28 14.9	-91 58.7	446.8	463.8	10060*	315	31.1	3.5	1.7	72.1	77.2*	0.0	37.7	286.9	70.8	39.1
18:31:30	28 13.6	-91 57.3	30.6	-107.2	111.5	441	164.1*	4.0*	24.7*	960.0	2.4*	31.1	30.3	-16.9	-18.9	0.5
18:31:30	28 15.3	-91 56.6	30.3	-107.1	111.3	455	164.1*	3.8*	24.5*	262.7	3.8*	31.4	30.6	23.8	23.8	0.0
18:31:30	28 13.7	-91 57.3	34.6	-106.4	111.9	459	0.0	26.1	-14.0	74.8*	80.2	50.0	49.1	23.0	23.0	2.8
18:31:29	28 13.7	-91 57.3	444.4	461.3	10041*	460	30.5	-0.4	0.7	73.1	77.9*	0.0	38.9	344.6	71.2	40.2
18:32:00	28 11.8	-91 56.9	70.4	-88.5	113.0	482	140.3*	1.6	-29.5*	957.3	2.4*	30.8	30.0	-16.9	-18.9	0.5
18:32:00	28 13.6	-91 56.2	70.1	-88.2	112.7	496	139.9*	1.5	-29.7*	262.7	3.8*	31.1	30.3	23.9	23.9	0.0
18:32:00	28 11.9	-91 56.9	69.3	-90.3	113.8	501	0.0	21.2	-16.6	75.5*	81.4	50.0	49.1	22.9	22.9	2.8
18:31:59	28 11.9	-91 56.9	444.1	461.0	10041*	502	30.5	-8.8	-2.6	74.7	78.0*	0.0	38.9	321.6	72.8	40.2

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:32:30	28 11.5	-91 55.0	96.5	59.1	113.2	472	58.6*	2.5	-30.1	958.0	2.4*	30.9	30.1	-16.9	-18.9	0.5
18:32:30	28 13.3	-91 54.4	95.9	59.5	112.8	486	58.1*	2.4	-30.2	262.7	3.8*	31.2	30.4	22.9	22.9	0.0
18:32:30	28 11.6	-91 55.0	99.5	55.5	113.9	480	0.0	37.1	-9.0	73.5*	80.1	50.0	49.1	22.5	22.5	2.8
18:32:29	28 11.6	-91 55.0	444.2	461.1	10041*	492	30.3	-12.8	-3.9	72.9	76.5*	0.0	38.8	237.7	73.0	40.2
18:33:00	28 13.2	-91 54.3	-31.1	110.9	115.2	460	344.3*	2.9*	-28.5	959.4	2.4*	30.8	30.0	-16.9	-18.8	0.5
18:33:00	28 14.9	-91 53.7	-31.7	111.0	115.4	473	343.9*	2.8*	-28.7	262.7	3.8*	31.1	30.3	23.1	23.1	0.0
18:33:00	28 13.2	-91 54.2	-26.6	111.7	114.9	479	0.0	32.7	-10.3	71.9*	78.2	50.0	49.1	22.7	22.7	2.8
18:32:59	28 13.2	-91 54.2	444.1	461.0	10041*	480	30.4	-13.8	-4.3	71.3	74.8*	0.0	38.8	163.9	75.0	40.2
18:33:30	28 14.5	-91 55.7	-100.3	57.4	115.6	452	299.5	2.5	-5.3*	959.6	2.4*	30.8	30.0	-16.9	-18.9	0.5
18:33:30	28 16.3	-91 55.1	-100.9	57.4	116.1	466	299.1	2.4	-5.3*	262.7	3.8*	31.2	30.4	23.4	23.4	0.0
18:33:30	28 14.6	-91 55.6	-99.2	57.7	114.7	471	0.0	29.6	-11.8	73.0*	78.7	50.0	49.1	22.9	22.9	2.8
18:33:29	28 14.6	-91 55.6	444.1	461.0	10041*	472	30.7	-4.9	-1.1	71.8	76.0*	0.0	38.9	119.8	75.4	40.2
18:34:00	28 14.9	-91 57.7	-114.9	-5.5	115.1	448	267.0	2.6	0.1*	959.9	2.4*	31.0	30.2	-16.9	-18.9	0.5
18:34:00	28 16.6	-91 57.1	-115.4	-5.5	115.5	463	266.6	2.4	-0.1*	262.7	3.8*	31.3	30.5	23.3	23.3	0.0
18:34:00	28 15.0	-91 57.4	-113.9	-6.1	114.0	466	0.0	27.9	-12.7	72.8*	78.7	50.0	49.1	22.8	22.8	2.8
00:00:00	28 15.0	-91 57.6	444.3	461.2	10042*	468	30.5	-10.1	-2.6	72.0	76.1*	0.0	38.9	87.7	74.8	40.2
18:34:30	28 14.8	-91 59.8	-116.0	0.9	116.0	449	270.2	2.5	-0.1	959.7	2.4*	30.9	30.1	-16.9	-18.8	0.5
18:34:30	28 16.6	-91 59.2	-116.4	0.9	116.4	463	270.2	2.3	-0.2	262.7	3.8*	31.2	30.4	23.8	23.8	0.0
18:34:30	28 14.9	-91 59.7	-115.0	0.7	115.0	464	0.0	28.0	-12.7	73.1*	79.0	50.0	49.1	22.8	22.8	2.8
18:34:29	28 14.9	-91 59.7	444.2	461.1	10041*	470	30.9	-10.1	-2.7	72.3	76.4*	0.0	38.9	90.9	75.8	40.2
18:35:00	28 14.9	-92 2.0	-116.4	3.2	116.5	449	271.3	2.5	-0.5	959.7	2.4*	31.1	30.3	-16.9	-18.9	0.5
18:35:00	28 16.6	-92 1.4	-116.9	3.2	116.9	463	271.2	2.3	-0.7	262.7	3.8*	31.4	30.6	23.3	23.3	0.0
18:35:00	28 15.0	-92 1.8	-115.4	3.1	115.5	463	0.0	26.8	-13.4	73.4*	79.4	50.0	49.1	22.7	22.7	2.7
18:34:59	28 15.0	-92 1.8	444.5	461.4	10041*	469	30.6	-10.8	-3.0	72.7	76.6*	0.0	38.9	92.0	76.2	40.2
18:35:30	28 14.9	-92 4.1	-116.6	4.8	116.7	448	271.8	2.5	-1.0	959.8	2.4*	31.1	30.3	-16.9	-18.8	0.5
18:35:30	28 16.7	-92 3.5	-117.1	4.8	117.2	463	271.5	2.4	-1.1	262.7	3.8*	31.4	30.6	23.4	23.4	0.0
18:35:30	28 15.0	-92 3.9	-115.7	4.7	115.8	462	0.0	27.2	-13.5	74.4*	80.6	50.0	49.1	22.8	22.8	2.7
18:35:29	28 15.0	-92 3.9	444.5	461.4	10041*	469	30.7	-12.6	-3.5	73.8	77.8*	0.0	38.9	93.0	76.5	40.2
18:36:00	28 15.0	-92 6.2	-117.1	-0.0	117.1	450	269.0	2.5	-2.3	959.6	2.4*	31.2	30.4	-16.9	-18.8	0.5
18:36:00	28 16.8	-92 5.7	-117.5	0.0	117.5	464	268.6	2.3	-2.4	262.7	3.8*	31.5	30.7	23.3	23.3	0.0
18:36:00	28 15.1	-92 6.0	-116.1	0.2	116.1	464	0.0	27.2	-13.6	74.9*	80.9	50.0	49.1	22.8	22.8	2.7
18:35:59	28 15.1	-92 6.1	444.6	461.5	10041*	469	30.3	-8.7	-2.2	74.2	78.2*	0.0	38.9	90.7	76.8	40.3
18:36:30	28 15.0	-92 8.4	-117.2	-2.2	117.3	450	268.0	2.3	-0.8	959.5	2.4*	31.1	30.3	-16.9	-18.9	0.5
18:36:30	28 16.7	-92 7.8	-117.6	-2.2	117.7	465	268.0	2.1	-0.9	262.7	3.8*	31.5	30.6	23.5	23.5	0.0
18:36:30	28 15.1	-92 8.2	-116.3	-2.2	116.3	464	0.0	25.6	-14.6	75.5*	81.6	50.0	49.1	23.0	23.0	2.7
18:36:29	28 15.1	-92 8.2	444.5	461.5	10041*	470	30.7	-9.3	-2.4	74.8	78.9*	0.0	38.9	89.6	77.0	40.2
18:37:00	28 14.9	-92 10.5	-117.4	-2.3	117.4	451	268.2	2.4	-1.1	959.4	2.4*	31.3	30.5	-16.9	-18.8	0.5
18:37:00	28 16.7	-92 10.0	-117.8	-2.2	117.8	465	268.0	2.3	-1.2	262.7	3.8*	31.6	30.8	23.3	23.3	0.0
18:37:00	28 15.0	-92 10.3	-116.4	-2.2	116.5	465	0.0	27.2	-14.2	76.5*	82.7	50.0	49.1	22.7	22.7	2.7
18:36:59	28 15.0	-92 10.3	444.8	461.7	10041*	470	30.8	-10.1	-2.7	75.8	79.9*	0.0	38.8	89.5	77.2	40.2

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:37:30	28 14.9	-92 12.7	-117.3	-2.1	117.3	452	268.3	2.1	-0.9	959.4	2.4*	31.2	30.4	-16.9	-18.9	0.5
18:37:30	28 16.7	-92 12.1	-117.6	-2.0	117.7	466	268.0	2.0	-1.0	262.7	3.8*	31.6	30.8	23.7	23.7	0.0
18:37:30	28 15.0	-92 12.4	-116.3	-2.1	116.4	475	0.0	25.0	-15.1	76.3*	82.4	50.0	49.1	23.1	23.1	2.7
18:37:29	28 15.0	-92 12.4	444.7	461.6	10042*	471	30.9	-9.4	-2.4	75.6	79.7*	0.0	38.8	89.6	77.1	40.2
18:38:00	28 14.9	-92 14.8	-117.6	-2.0	117.6	451	268.2	2.3	-0.9	959.4	2.4*	31.1	30.3	-16.9	-18.8	0.5
18:38:00	28 16.6	-92 14.3	-117.9	-2.0	117.9	465	267.8	2.1	-1.0	262.7	3.8*	31.4	30.6	23.7	23.7	0.0
18:38:00	28 14.9	-92 14.6	-116.6	-1.9	116.6	473	0.0	26.3	-14.5	76.3*	82.4

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:42:30	28 14.7	-92 34.4	-118.9	-0.6	118.9	449	268.9	2.2	-0.7	959.6	2.4*	31.5	30.7	-16.9	-18.8	0.5
18:42:30	28 16.5	-92 33.9	-119.1	-0.5	119.1	463	268.9	2.0	-0.8	262.7	3.8*	31.8	31.0	23.3	23.3	0.0
18:42:30	28 14.8	-92 34.0	-118.1	-0.4	118.1	463	0.0	24.7	-16.1	78.5*	84.8	50.0	49.1	22.8	22.8	2.7
18:42:29	28 14.8	-92 34.0	445.1	462.0	10041*	470	30.3	-10.4	-2.9	77.9	82.1*	0.0	38.8	90.4	78.7	40.2
18:43:00	28 14.7	-92 36.6	-118.6	-0.1	118.6	450	269.2	2.2	-1.0	959.5	2.4*	31.3	30.5	-16.9	-18.9	0.5
18:43:00	28 16.5	-92 36.1	-118.8	0.0	118.8	463	269.1	2.0	-1.1	262.7	3.8*	31.6	30.8	23.7	23.7	0.0
18:43:00	28 14.8	-92 36.1	-117.9	0.2	117.9	464	0.0	24.6	-16.0	78.2*	84.4	50.0	49.1	23.1	23.1	2.7
18:42:59	28 14.8	-92 36.1	444.7	461.7	10041*	471	30.6	-9.4	-2.4	77.4	81.6*	0.0	38.9	90.5	78.4	40.3
18:43:30	28 14.7	-92 38.7	-118.3	0.0	118.3	450	269.2	2.2	-1.0	959.5	2.4*	31.3	30.5	-16.9	-18.8	0.5
18:43:30	28 16.5	-92 38.2	-118.5	0.2	118.5	464	268.9	2.0	-1.2	262.7	3.8*	31.6	30.8	23.7	23.7	0.0
18:43:30	28 14.8	-92 38.3	-117.5	0.4	117.5	468	0.0	25.9	-15.2	77.6*	83.9	50.0	49.1	23.1	23.1	2.7
18:43:29	28 14.8	-92 38.3	444.7	461.7	10041*	472	30.4	-11.3	-3.2	77.0	81.2*	0.0	38.8	90.7	78.1	40.2
18:44:00	28 14.7	-92 40.9	-118.2	0.1	118.2	449	269.5	2.2	-1.2	959.7	2.4*	31.5	30.7	-16.9	-18.9	0.5
18:44:00	28 16.5	-92 40.4	-118.4	0.3	118.4	463	269.1	2.1	-1.3	262.7	3.8*	31.8	31.0	23.0	23.0	0.0
18:44:00	28 14.8	-92 40.4	-117.5	0.5	117.5	463	0.0	24.8	-15.7	77.4*	83.7	50.0	49.1	22.7	22.7	2.7
18:43:59	28 14.8	-92 40.5	445.1	462.0	10041*	470	30.5	-10.6	-2.9	76.8	80.9*	0.0	38.8	90.6	78.0	40.2
18:44:30	28 14.7	-92 43.1	-118.0	-0.0	118.0	449	269.3	2.2	-1.0	959.5	2.4*	31.4	30.6	-16.9	-18.9	0.5
18:44:30	28 16.5	-92 42.6	-118.1	0.1	118.1	464	269.3	2.0	-1.2	262.7	3.8*	31.7	30.9	23.6	23.6	0.0
18:44:30	28 14.8	-92 42.6	-117.3	0.3	117.3	461	0.0	25.1	-15.8	78.2*	84.5	50.0	49.1	23.1	23.1	2.7
18:44:29	28 14.8	-92 42.6	444.9	461.8	10042*	471	30.7	-10.0	-2.7	77.5	81.7*	0.0	38.8	90.6	77.8	40.2
18:45:00	28 14.7	-92 45.2	-117.8	-0.3	117.8	450	269.3	2.3	-0.8	959.5	2.4*	31.8	31.0	-16.9	-18.8	0.5
18:45:00	28 16.5	-92 44.7	-117.8	-0.1	117.8	464	269.2	2.2	-1.0	262.7	3.8*	32.1	31.3	20.7	20.7	0.0
18:45:00	28 14.8	-92 44.7	-117.1	0.2	117.1	469	0.0	25.4	-15.5	77.9*	84.1	50.0	49.1	22.2	22.2	2.6
18:44:59	28 14.8	-92 44.8	445.5	462.5	10041*	471	30.6	-9.1	-2.4	77.1	81.3*	0.0	38.8	90.4	77.5	40.3
18:45:30	28 14.7	-92 47.4	-117.6	-0.4	117.6	449	269.4	2.2	-0.7	959.5	2.4*	31.0	30.2	-16.9	-18.9	0.5
18:45:30	28 16.5	-92 46.9	-117.6	-0.2	117.6	463	269.1	2.0	-0.8	262.7	3.8*	31.3	30.5	24.0	24.0	0.0
18:45:30	28 14.8	-92 46.9	-116.9	-0.0	116.9	470	0.0	26.2	-14.9	77.2*	83.4	50.0	49.1	23.0	23.0	2.8
18:45:29	28 14.8	-92 46.9	444.4	461.3	10041*	471	30.5	-8.7	-2.2	76.5	80.8*	0.0	38.8	90.2	77.4	40.2
18:46:00	28 14.7	-92 49.5	-117.8	-0.5	117.8	448	269.3	2.3	-1.0	959.6	2.4*	31.3	30.5	-16.9	-18.9	0.5
18:46:00	28 16.5	-92 49.0	-117.8	-0.3	117.8	463	269.0	2.1	-1.1	262.7	3.8*	31.6	30.8	23.4	23.4	0.0
18:46:00	28 14.8	-92 49.0	-117.2	-0.1	117.2	470	0.0	25.5	-15.5	78.0*	84.3	50.0	49.1	23.0	23.0	2.7
18:45:59	28 14.8	-92 49.0	444.8	461.7	10041*	471	30.6	-10.7	-2.9	77.3	81.6*	0.0	38.9	90.2	77.6	40.3
18:46:30	28 14.7	-92 51.7	-117.5	-0.4	117.5	448	269.3	2.2	-0.6	959.5	2.4*	31.3	30.5	-16.9	-18.9	0.5
18:46:30	28 16.5	-92 51.2	-117.5	-0.2	117.5	463	269.3	2.0	-0.8	262.7	3.8*	31.6	30.8	23.3	23.3	0.0
18:46:30	28 14.8	-92 51.2	-116.9	-0.0	116.9	463	0.0	25.3	-15.5	77.7*	83.9	50.0	49.1	22.8	22.8	2.7
18:46:29	28 14.8	-92 51.2	444.8	461.8	10041*	471	30.7	-9.5	-2.5	77.0	81.2*	0.0	38.8	90.3	77.3	40.2
18:47:00	28 14.7	-92 53.8	-117.7	-0.7	117.7	450	269.4	2.1	-1.1	959.4	2.4*	31.2	30.4	-16.9	-18.9	0.5
18:47:00	28 16.5	-92 53.4	-117.6	-0.5	117.6	465	269.2	2.0	-1.2	262.7	3.8*	31.5	30.7	23.8	23.8	0.0
18:47:00	28 14.8	-92 53.3	-117.1	-0.2	117.1	459	0.0	24.6	-16.0	78.2*	84.4	50.0	49.1	23.0	23.0	2.7
18:46:59	28 14.8	-92 53.3	444.6	461.5	10041*	472	30.0	-9.5	-2.5	77.5	81.6*	0.0	38.9	90.0	77.4	40.3

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:47:30	28 14.6	-92 56.0	-118.2	-1.0	118.2	449	269.2	2.3	-0.8	959.6	2.4*	31.0	30.2	-16.9	-18.9	0.5
18:47:30	28 16.4	-92 55.5	-118.1	-0.8	118.1	463	268.9	2.1	-0.9	262.7	3.8*	31.3	30.5	24.1	24.1	0.0
18:47:30	28 14.8	-92 55.5	-117.6	-0.6	117.6	458	0.0	25.4	-15.2	77.0*	83.2	50.0	49.1	23.1	23.1	2.8
18:47:29	28 14.8	-92 55.5	444.4	461.3	10041*	471	29.6	-9.8	-2.3	76.3	80.4*	0.0	38.9	89.9	77.9	40.2
18:48:00	28 14.6	-92 58.2	-117.7	-0.4	117.7	448	269.3	2.3	-0.8	959.6	2.4*	31.6	30.8	-16.9	-18.9	0.5
18:48:00	28 16.4	-92 57.7	-117.6	-0.2	117.6	463	268.9	2.1	-0.9	262.7	3.8*	32.0	31.1	20.8	20.8	0.0
18:48:00	28 14.8	-92 57.6	-117.1	-0.0	117.1	460	0.0	25.0	-15.5	77.2*	83.5	50.0	49.1	21.7	21.7	2.6
18:47:59	28 14.8	-92 57.6	445.3	462.2	10041*	471	29.8	-10.9	-3.0	76.6	80.7*	0.0	38.9	90.3	77.4	40.3
18:48:30	28 14.6	-93 0.3	-117.4	-1.0	117.4	449	269.4	2.3	-0.9	959.5	2.4*	31.6	30.8	-16.9	-18.9	0.5
18:48:30	28 16.4	-92 59.8	-117.3	-0.8	117.3	464	269.4	2.2	-1.1	262.7	3.8*	31.9	31.1	21.8	21.8	0.0
18:48:30	28 14.8	-92 59.8	-116.9	-0.5	116.9	461	0.0	25.7	-15.1	77.0*	83.1	50.0	49.1	22.1	22.1	2.7
18:48:29	28 14.8	-92 59.8	445.2	462.2	10042*	472	29.9	-7.5	-1.8	76.2	80.3*	0.0	38.9	89.7	77.1	40.3
18:49:00	28 15.1	-93 2.3	-81.2	80.8	114.6	552	316.6*	7.6	23.5	947.4	2.4*	30.7	29.9	-16.9	-18.9	0.5
18:49:00	28 16.9	-93 1.8	-81.2	81.2	114.8	568	316.4*	7.5	23.3	262.7	3.8*	31.0	30.2	22.0	22.0	0.0
18:49:00	28 15.3	-93 1.8	-83.0	79.4	114.9	560	0.0	27.9	-12.9	73.4*	79.2	50.0	49.1	22.5	22.5	2.8
18:48:59	28 15.3	-93 1.8	443.9	460.8	10042*	571	29.7	-8.3	-1.8	71.8	77.0*	0.0	38.8	134.8	74.6	40.2
18:49:30	28 16.7	-93 2.8	5.4	109.0	109.1	813	2.9	5.8	-3.5*	920.9	2.4*	28.2	27.4	-16.9	-18.9	0.5
18:49:30	28 18.6	-93 2.3	5.4	109.5	109.6	821	2.6*	5.7	-3.6*	262.7	3.8*	28.5	27.8	19.0	19.0	0.0
18:49:30	28 16.9	-93 2.3	6.2	109.6	109.7	821	0.0	27.4	-10.5	65.7*	71.1	50.0	49.1	20.7	20.7	3.4
18:49:29	28 16.9	-93 2.3	440.2	456.9	10042*	831	28.9	-12.2	-3.5	64.5	68.4*	0.0	38.8	183.2	69.2	40.0
18:50:00	28 18.3	-93 3.6	-96.1	64.9	116.0	906	303.0*	3.9	-24.8	911.4	2.4*	28.2	27.4	-16.9	-18.9	0.5
18:50:00	28 20.1	-93 3.1	-96.0	65.2	116.0	914	302.6*	3.7	-24.9	262.7	3.8*	28.5	27.7	18.7	18.7	0.0
18:50:00	28 18.5	-93 3.1	-93.8	67.9	115.7	911	0.0	34.2	-10.4	73.3*	80.1	50.0	49.1	20.5	20.5	3.3
18:49:59	28 18.5	-93 3.1	440.3	457.0	10042*	924	28.9	-17.4	-5.6	72.8	76.4*	0.0	38.8	124.4	75.9	40.0
18:50:30	28 18.4	-93 5.6	-99.3	-59.3	115.6	927	238.3*	3.0	-25.6*	909.2	2.4*	28.2	27.4	-16.9	-18.9	0.5
18:50:30	28 20.2	-93 5.1	-98.9	-59.0	115.2	935	238.0*	2.8	-25.8*	262.7	3.8*	28.5	27.7	18.6	18.6	0.0
18:50:30	28 18.6	-93 5.1	-100.5	-56.1	115.1	940	0.0	32.1	-10.9	72.6*	78.9	50.0	49.1	20.7	20.7	3.4
18:50:29	28 18.6	-93 5.1	440.2	456.9	10042*	946	29.2	-13.3	-4.2	72.1	75.5*	0.0	38.8	59.2	75.6	40.0
18:51:00	28 16.8	-93 6.6	8.6	-113.5	113.8	924	175.3*	3.1	-27.4	909.3	2.4*	28.1	27.3	-16.9	-18.9	0.5
18:51:00	28 18.6	-93 6.1	9.1	-113.0	113.3	933	175.1*	2.8	-27.6	262.7	3.8*	28.5	27.7	18.6	18.6	0.0
18:51:00	28 17.1	-93 6.1	5.6	-113.2	113.4	939	0.0	33.6	-10.2	72.3*	78.7	50.0	49.1	20.5	20.5	3.4
18:50:59	28 17.1	-93 6.0	440.2	456.8	10042*	944	28.8	-13.5	-4.2	71.8	75.4*	0.0	38.8	355.4	73.8	40.0
18:51:30	28 15.4	-93 5.4	104.3	-48.1	114.8	922	116.2*	2.6	-10.7	909.4	2.4*	27.9	27.1	-16.9	-18.9	0.5
18:51:30	28 17.3	-93 4.8	104.6	-47.4	114.9	931	116.1*	2.4	-10.8	262.7	3.8*	28.2	27.4	19.1	19.1	0.0
18:51:30	28 15.7	-93 4.9	104.3	-48.5	115.0	932	0.0	28.0	-12.2	71.4*	77.4	50.0	49.1	21.0	21.0	3.4
18:51:29	28 15.7	-93 4.8	439.8	456.4	10042*	943	28.7	-12.8	-3.8	70.9	74.6*	0.0	38.8	294.1	74.8	40.0
18:52:00	28 14.9	-93 3.3	112.8	-26.3	115.8	925	104.2	2.4	-0.8	908.7	2.4*	27.8	27.0	-16.9	-18.8	0.5
18:52:00	28 16.8	-93 2.8	113.1	-25.6	116.0	935	103.9	2.2	-1.0	262.7	3.8*	28.1	27.3	19.8	19.8	0.0
18:52:00	28 15.2	-93 2.8	113.3	-25.7	116.1	931	0.0	27.0	-13.1	72.9*	78.8	50.0	49.1	21.2	21.2	3.4
18:51:59	28 15.2	-93 2.8	439.7	456.4	10042*	947	28.7	-9.5	-2.6	72.3	76.3*	0.0	38.8	282.8	75.8	40.0

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:52:30	28 14.7	-93 1.2	116.2	1.6	116.2	923	90.1	2.4	-0.6	908.9	2.4*	27.9	27.1	-16.9	-18.9	0.5
18:52:30	28 16.6	-93 0.7	116.5	2.3	116.6	933	89.8	2.3	-0.7	262.7	3.8*	28.2	27.4	20.4	20.4	0.0
18:52:30	28 15.0	-93 0.7	116.7	2.2	116.7	943	0.0	26.0	-13.7	73.3*	79.3	50.0	49.1	21.7	21.7	3.4
18:52:29	28 15.0	-93 0.7	439.8	456.5	10042*	945	28.7	-10.5	-2.9	72.7	76.7*	0.0	38.8	269.0	76.2	40.0
18:53:00	28 14.8	-92 59.1	118.7	1.9	118.7	894	90.4	2.3	-1.6	911.9	2.4*	28.3	27.5	-16.9	-18.9	0.5
18:53:00	28 16.6	-92 58.5	119.0	2.6	119.1	904	90.0	2.1	-1.7	262.7	3.8*	28.6	27.8	20.4	20.4	0.0
18:53:00	28 15.0	-92 58.5	119.1	2.4	119.2	912	0.0	26.0	-14.7	76.0*	82.1	50.0	49.1	21.7	21.7	3.3
18:52:59	28 15.0	-92 58.5	440.3	457.0	10042*	915	28.9	-10.7	-3.0	75.5	79.5*	0.0	38.8	268.7	78.7	40.0
18:53:30	28 14.8	-92 56.9	118.2	2.5	118.3	900	89.5	2.2	-0.8	911.3	2.4*	28.5	27.7	-16.9	-18.9	0.5
18:53:30	28 16.7	-92 56.4	118.6	3.3	118.7	911	89.5	2.0	-1.0	262.7	3.8*	28.8	28.1	19.4	19.4	0.0
18:53:30	28 15.1	-92 56.4	118.6	3.2	118.7	919	0.0	25.0	-15.0	75.8*	81.7	50.0	49.1	21.0	21.0	3.3
18:53:29	28 15.1	-92 56.4	440.7	457.5	10042*	922	28.7	-9.3	-2.6	75.1	79.3*	0.0	38.8	268.6	78.2	40.0
18:54:00	28 14.8	-92 54.7	117.9	-1.0	117.9	897	91.3	2.5	-0.3*	911.6	2.4*	28.1	27.3	-16.9	-18.9	0.5
18:54:00	28 16.7	-92 54.2	118.3	-0.3	118.3	908	91.1	2.4	-0.4*	262.7	3.8*	28.4	27.6	20.5	20.5	0.0
18:54:00	28 15.1	-92 54.2	118.2	-0.4	118.2	915	0.0	27.2	-13.5	74.3*	80.4	50.0	49.1	21.8	21.8	3.4
18:53:59	28 15.1	-92 54.2	440.1	456.8	10042*	918	28.8	-11.5	-3.1	73.8	77.7*	0.0	38.8	270.4	77.9	40.0
18:54:30	28 14.8	-92 52.6	117.3	-0.8	117.3	899	91.2	2.3	-1.1	911.4	2.4*	28.2	27.4	-16.9	-18.9	0.5
18:54:30	28 16.7	-92 52.0	117.7	-0.1	117.7	909	90.9	2.2	-1.2	262.7	3.8*	28.5	27.7	20.4	20.4	0.0
18:54:30	28 15.1	-92 52.0	117.6	-0.2	117.6	909	0.0	25.9	-14.4	75.2*	81.1	50.0	49.1	21.8	21.8	3.3
18:54:29	28 15.1	-92 52.0	440.2	456.9	10042*	920	29.4	-9.1	-2.4	74.5	78.6*	0.0	38.8	270.1	77.3	40.0
18:55:00	28 14.8	-92 50.4	117.3	0.1	117.3	898	91.0	2.4	-0.6	911.4	2.4*	28.0	27.2	-16.9	-18.9	0.5
18:55:00	28 16.7	-92 49.9	117.8	0.9	117.8	908	90.6	2.2	-0.7	262.6	3.8*	28.3	27.5	20.5	20.5	0.0
18:55:00	28 15.1	-92 49.9	117.6	0.8	117.6	906	0.0	26.3	-14.0	74.5*	80.5	50.0	49.1	21.8	21.8	3.4
18:54:59	28 15.1	-92 49.9	439.9	456.6	10043*	920	29.4	-10.1	-2.8	73.9	78.0*	0.0	38.8	269.7	77.3	40.0
18:55:30	28 14.8	-92 48.3	117.3	1.0	117.3	898	90.4	2.4	-0.8	911.4	2.4*	28.3	27.5	-16.9	-18.9	0.5
18:55:30	28 16.7	-92 47.7	117.7	1.7	117.7	908	90.5	2.2	-0.9	262.7	3.8*	28.6	27.8	19.9	19.9	0.0
18:55:30	28 15.1	-92 47.7	117.5	1.6	117.5	908	0.0	25.9	-14.2	74.7*	80.7	50.0	49.1	21.6	21.6	3.3
18:55:29	28 15.1	-92 47.7	440.4	457.1	10042*	920	29.3	-9.9	-2.7	74.1	78.1*	0.0	38.8	269.3	77.3	40.0
18:56:00	28 14.8	-92 46.1	117.6	0.6	117.6	899	90.5	2.2	-1.0	911.3	2.4*	28.1	27.3	-16.9	-18.9	0.5
18:56:00	28 16.8	-92 45.6	118.0	1.3	118.1	909	90.3	2.1	-1.1	262.7	3.8*	28.4	27.6	20.3	20.3	0.0
18:56:00	28 15.1	-92 45.6	117.8	1.2	117.8	909	0.0	25.6	-14.3	74.5*	80.4	50.0	49.1	21.6	21.6	3.4
18:55:59	28 15.1	-92 45.6	440.1	456.8	10042*	921	29.4	-9.7	-2.6	73.9	77.8*	0.0	38.8	269.5	77.6	40.0
18:56:30	28 14.8	-92 44.0	117.8	0.9	117.8	898	90.6	2.3	-1.2	911.4	2.4*	28.0	27.2	-16.9	-18.9	0.5
18:56:30	28 16.8	-92 43.4	118.3	1.6	118.3	907	90.2	2.2	-1.3	262.7	3.8*	28.3	27.5	20.3	20.3	0.0
18:56:30	28 15.1	-92 43.4	118.0	1.4	118.0	919	0.0	25.6	-14.1	74.0*	80.0	50.0	49.1	21.6	21.6	3.4
18:56:29	28 15.2	-92 43.4	439.9	456.6	10042*	920	29.4	-9.7	-2.6	73.4	77.4*	0.0	38.8	269.3	77.8	40.0
18:57:00	28 14.8	-92 41.8	117.9	0.9	117.9	897	90.3	2.4	-0.8	911.4	2.4*	28.2	27.4	-16.9	-18.9	0.5
18:57:00	28 16.8	-92 41.2	118.5	1.7	118.5	907	89.9	2.2	-1.0	262.6	3.8*	28.5	27.7	19.9	19.9	0.0
18:57:00	28 15.2	-92 41.2	118.1	1.5	118.1	917	0.0	25.5	-14.3	74.6*	80.6	50.0	49.1	21.4	21.4	3.4
18:56:59	28 15.2	-92 41.2	440.2	456.9	10043*	920	29.2	-9.2	-2.5	74.0	77.9*	0.0	38.8	269.4	77.9	40.0

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:57:30	28 14.8	-92 39.7	118.1	-0.1	118.1	898	90.8	2.2	0.2	911.2	2.4*	28.2	27.4	-16.9	-18.9	0.5
18:57:30	28 16.8	-92 39.1	118.6	0.6	118.6	908	90.8	2.0	0.0	262.7	3.8*	28.5	27.7	19.9	19.9	0.0
18:57:30	28 15.2	-92 39.1	118.2	0.6	118.2	918	0.0	25.8	-14.2	74.4*	80.4	50.0	49.1	21.5	21.5	3.4
18:57:29	28 15.2	-92 39.1	440.2	456.9	10042*	921	29.0	-9.5	-2.6	73.8	77.9*	0.0	38.8	269.9	78.1	40.0
18:58:00	28 14.8	-92 37.5	118.6	-1.9	118.7	898	91.5	2.4	-0.7	911.4	2.4*	28.1	27.3	-16.9	-18.9	0.5
18:58:00	28 16.8	-92 36.9	119.2	-1.2	119.2	907	91.4	2.2	-0.9	262.7	3.8*	28.4	27.6	20.0	20.0	0.0
18:58:00	28 15.2	-92 36.9	118.7	-1.3	118.7	918	0.0	25.7	-14.2	74.5*	80.4

A/C 43, Flgt 060911I, Micro99 date 2006/09/11, Proj TexAQS Run on Fri Mar 23 10:34:50 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
19:02:30	28 14.5	-92 17.9	118.5	-2.0	118.5	898	91.3	2.2	-0.7	911.3	2.4*	28.5	27.7	-16.9	-18.9	0.5
19:02:30	28 16.6	-92 17.2	119.2	-1.3	119.2	908	91.0	2.1	-0.9	262.7	3.8*	28.8	28.0	20.1	20.1	0.0
19:02:30	28 15.0	-92 17.4	118.2	-1.4	118.3	915	0.0	25.1	-15.1	76.3*	82.3	50.0	49.1	21.6	21.6	3.3
19:02:29	28 15.0	-92 17.3	440.7	457.4	10042*	920	29.6	-9.1	-2.4	75.7	79.8*	0.0	38.9	271.0	78.4	40.1
19:03:00	28 14.5	-92 15.8	118.5	-1.4	118.5	898	91.3	2.2	-0.6	911.3	2.4*	28.3	27.5	-16.9	-18.9	0.5
19:03:00	28 16.6	-92 15.0	119.2	-0.6	119.2	908	90.9	2.1	-0.7	262.7	3.8*	28.6	27.8	20.8	20.8	0.0
19:03:00	28 15.0	-92 15.2	118.2	-0.8	118.2	919	0.0	25.1	-14.9	75.4*	81.4	50.0	49.1	21.4	21.4	3.3
19:02:59	28 15.0	-92 15.2	440.3	457.0	10042*	920	28.7	-10.4	-2.8	74.8	78.8*	0.0	38.8	270.7	78.5	40.0
19:03:30	28 14.5	-92 13.6	118.6	-1.3	118.6	899	91.4	2.1	-1.3	911.2	2.4*	28.1	27.3	-16.9	-18.9	0.5
19:03:30	28 16.6	-92 12.8	119.3	-0.6	119.3	910	91.4	1.9	-1.4	262.7	3.8*	28.4	27.6	21.1	21.1	0.0
19:03:30	28 15.0	-92 13.0	118.3	-0.8	118.3	923	0.0	24.9	-15.3	76.3*	82.5	50.0	49.1	22.2	22.2	3.4
19:03:29	28 15.0	-92 13.0	440.0	456.7	10042*	921	22.7	-10.4	-2.8	75.7	79.7*	0.0	38.8	270.5	78.6	40.0
19:04:00	28 14.5	-92 11.4	119.0	-1.4	119.0	900	91.5	2.2	-0.9	911.2	2.4*	28.2	27.4	-16.9	-18.9	0.5
19:04:00	28 16.6	-92 10.7	119.7	-0.6	119.7	910	91.3	2.0	-1.0	262.7	3.8*	28.5	27.7	20.1	20.1	0.0
19:04:00	28 14.9	-92 10.9	118.6	-0.8	118.6	921	0.0	24.4	-15.4	76.1*	82.0	50.0	49.1	21.5	21.5	3.4
19:03:59	28 14.9	-92 10.8	440.2	456.9	10042*	921	29.4	-9.0	-2.4	75.4	79.6*	0.0	38.8	270.5	79.0	40.0
19:04:30	28 14.4	-92 9.2	118.8	-1.6	118.8	898	91.2	2.2	-0.8	911.3	2.4*	28.3	27.5	-16.9	-18.9	0.5
19:04:30	28 16.6	-92 8.5	119.5	-0.8	119.5	909	90.9	2.1	-0.9	262.7	3.8*	28.6	27.8	19.8	19.8	0.0
19:04:30	28 14.9	-92 8.7	118.4	-1.0	118.4	917	0.0	25.2	-14.9	75.7*	81.6	50.0	49.1	21.3	21.3	3.3
19:04:29	28 14.9	-92 8.7	440.4	457.1	10042*	920	29.6	-9.2	-2.6	75.1	79.1*	0.0	38.8	270.7	78.7	40.0
19:05:00	28 14.4	-92 7.1	118.5	-1.5	118.5	898	91.3	2.3	-1.1	911.4	2.4*	28.2	27.4	-16.9	-18.9	0.5
19:05:00	28 16.6	-92 6.3	119.2	-0.7	119.2	909	91.0	2.2	-1.2	262.6	3.8*	28.6	27.8	19.8	19.8	0.0
19:05:00	28 14.9	-92 6.5	118.1	-0.9	118.1	917	0.0	24.9	-14.9	75.2*	81.3	50.0	49.1	21.4	21.4	3.3
19:04:59	28 14.9	-92 6.5	440.3	457.0	10043*	920	29.5	-11.8	-3.3	74.8	78.7*	0.0	38.8	270.8	78.5	40.0
19:05:30	28 14.4	-92 4.9	118.4	-1.6	118.5	897	91.2	2.3	-0.8	911.4	2.4*	28.4	27.6	-16.9	-18.9	0.5
19:05:30	28 16.6	-92 4.1	119.2	-0.8	119.2	908	91.2	2.2	-0.9	262.6	3.8*	28.7	27.9	19.4	19.4	0.0
19:05:30	28 14.9	-92 4.4	118.0	-1.0	118.0	919	0.0	25.3	-14.6	74.8*	80.7	50.0	49.1	20.7	20.7	3.3
19:05:29	28 14.9	-92 4.3	440.6	457.3	10043*	920	29.7	-9.9	-2.7	74.2	78.3*	0.0	38.8	270.8	78.4	40.0
19:06:00	28 14.4	-92 2.7	118.5	-1.5	118.5	898	91.4	2.4	-1.0	911.4	2.4*	28.2	27.4	-16.9	-18.9	0.5
19:06:00	28 16.6	-92 1.9	119.2	-0.7	119.2	907	91.2	2.3	-1.1	262.7	3.8*	28.5	27.7	19.7	19.7	0.0
19:06:00	28 14.9	-92 2.2	118.0	-0.9	118.0	920	0.0	25.9	-14.4	75.3*	81.2	50.0	49.1	21.5	21.5	3.4
19:05:59	28 14.9	-92 2.2	440.2	456.9	10042*	920	29.5	-9.4	-2.5	74.7	79.0*	0.0	38.8	270.6	78.5	40.0
19:06:30	28 14.3	-92 0.6	118.4	-1.0	118.5	898	91.4	2.3	-1.0	911.3	2.4*	28.4	27.6	-16.9	-18.9	0.5
19:06:30	28 16.5	-91 59.7	119.2	-0.2	119.2	908	91.1	2.1	-1.2	262.6	3.8*	28.7	27.9	19.5	19.5	0.0
19:06:30	28 14.9	-92 0.0	117.9	-0.4	117.9	927	0.0	27.0	-13.7	74.4*	80.4	50.0	49.1	21.2	21.2	3.3
19:06:29	28 14.9	-92 0.0	440.5	457.3	10043*	920	29.6	-9.8	-2.7	73.8	77.9*	0.0	38.8	270.3	78.4	40.0
19:07:00	28 14.7	-91 58.5	90.7	75.1	117.7	901	49.7*	2.8	-24.3	911.7	2.4*	28.2	27.4	-16.9	-18.9	0.5
19:07:00	28 17.0	-91 57.7	91.3	75.9	118.7	910	49.3*	2.6	-24.4	262.7	3.8*	28.5	27.7	19.2	19.2	0.0
19:07:00	28 15.3	-91 58.0	92.0	73.4	117.7	928	0.0	30.4	-11.8	73.0*	79.3	50.0	49.1	20.9	20.9	3.3
19:06:59	28 15.3	-91 58.0	440.3	457.0	10042*	923	29.3	-12.8	-3.9	72.7	76.2*	0.0	38.8	230.4	77.7	40.0

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:07:30	28 16.4	-91 57.7	14.6	115.8	116.8	897	6.8	2.4	-1.1*	911.6	2.4*	28.2	27.4	-16.9	-18.9	0.5
19:07:30	28 18.7	-91 56.8	15.2	116.6	117.5	907	6.4	2.2	-1.2*	262.7	3.8*	28.5	27.7	19.2	19.2	0.0
19:07:30	28 16.9	-91 57.1	14.0	116.5	117.3	927	0.0	26.0	-13.6	73.0*	78.8	50.0	49.1	20.9	20.9	3.3
19:07:29	28 17.0	-91 57.1	440.3	457.0	10042*	919	29.5	-9.1	-2.5	72.4	76.3*	0.0	38.8	187.6	76.7	40.0
19:08:00	28 18.3	-91 57.4	14.4	116.3	117.2	899	6.6	2.3	-1.1	911.3	2.4*	28.3	27.5	-16.9	-18.9	0.5
19:08:00	28 20.6	-91 56.6	15.0	117.0	117.9	910	6.6	2.1	-1.3	262.7	3.8*	28.6	27.8	19.5	19.5	0.0
19:08:00	28 18.8	-91 56.9	13.7	116.9	117.7	921	0.0	25.2	-14.5	74.6*	80.4	50.0	49.1	21.1	21.1	3.3
19:07:59	28 18.9	-91 56.9	440.4	457.1	10042*	921	29.6	-9.3	-2.5	73.9	77.9*	0.0	38.8	187.6	77.2	40.0
19:08:30	28 20.2	-91 57.2	13.9	116.7	117.5	900	6.1	2.2	-1.0	911.2	2.4*	28.2	27.4	-16.9	-18.9	0.5
19:08:30	28 22.5	-91 56.3	14.5	117.4	118.3	910	5.9	2.0	-1.2	262.6	3.8*	28.5	27.7	19.6	19.6	0.0
19:08:30	28 20.7	-91 56.6	13.2	117.3	118.0	922	0.0	24.8	-14.6	74.5*	80.4	50.0	49.1	21.3	21.3	3.4
19:08:29	28 20.8	-91 56.6	440.2	456.9	10043*	921	29.5	-10.4	-2.9	73.9	77.9*	0.0	38.8	187.4	77.5	40.0
19:09:00	28 22.1	-91 56.9	13.5	117.4	118.2	900	6.2	2.0	-1.1	911.1	2.4*	28.6	27.8	-16.9	-18.9	0.5
19:09:00	28 24.4	-91 56.0	14.1	118.1	119.0	910	5.9	1.9	-1.2	262.7	3.8*	28.9	28.1	19.0	19.0	0.0
19:09:00	28 22.7	-91 56.4	12.7	118.0	118.7	923	0.0	24.5	-15.0	74.9*	80.9	50.0	49.1	20.6	20.6	3.3
19:08:59	28 22.7	-91 56.4	440.8	457.5	10042*	921	29.5	-10.7	-3.0	74.4	78.4*	0.0	38.8	187.0	78.2	40.0
19:09:30	28 24.0	-91 56.7	13.0	117.8	118.6	898	5.7	2.3	-1.0	911.2	2.4*	28.3	27.5	-16.9	-18.9	0.5
19:09:30	28 26.3	-91 55.8	13.6	118.6	119.4	908	5.4	2.1	-1.1	262.7	3.8*	28.6	27.8	19.9	19.9	0.0
19:09:30	28 24.6	-91 56.2	12.3	118.5	119.1	923	0.0	24.2	-15.4	75.8*	81.7	50.0	49.1	21.6	21.6	3.3
19:09:29	28 24.6	-91 56.2	440.4	457.1	10042*	919	28.8	-8.1	-2.1	75.1	79.2*	0.0	38.8	186.8	78.5	40.0
19:10:00	28 25.9	-91 56.4	13.0	117.8	118.5	899	5.9	2.1	-1.1	911.1	2.4*	28.5	27.7	-16.9	-18.9	0.5
19:10:00	28 28.2	-91 55.5	13.7	118.5	119.3	909	6.0	1.9	-1.2	262.7	3.8*	28.8	28.0	20.0	20.0	0.0
19:10:00	28 26.5	-91 56.0	12.2	118.4	119.0	921	0.0	24.3	-15.8	76.9*	83.0	50.0	49.1	21.3	21.3	3.3
19:09:59	28 26.5	-91 55.9	440.6	457.4	10042*	920	29.7	-10.5	-2.9	76.4	80.5*	0.0	38.8	186.8	78.5	40.0
19:10:30	28 27.8	-91 56.2	13.3	117.6	118.3	899	5.8	2.2	-0.9	911.1	2.4*	28.3	27.5	-16.9	-18.9	0.5
19:10:30	28 30.1	-91 55.3	14.0	118.3	119.1	909	5.6	2.1	-1.1	262.7	3.8*	28.6	27.8	20.2	20.2	0.0
19:10:30	28 28.4	-91 55.7	12.5	118.2	118.9	922	0.0	25.2	-15.5	77.3*	83.3	50.0	49.1	21.7	21.7	3.3
19:10:29	28 28.4	-91 55.7	440.4	457.1	10042*	920	29.4	-9.4	-2.5	76.7	80.9*	0.0	38.8	187.0	78.3	40.0
19:11:00	28 29.7	-91 55.9	13.3	117.0	117.8	899	6.2	2.1	-1.2	911.2	2.4*	28.1	27.3	-16.9	-18.9	0.5
19:11:00	28 32.1	-91 55.0	14.0	117.8	118.6	908	5.8	2.0	-1.3	262.6	3.8*	28.4	27.6	20.1	20.1	0.0
19:11:00	28 30.3	-91 55.5	12.5	117.7	118.3	920	0.0	24.0	-15.5	75.7*	81.7	50.0	49.1	21.7	21.7	3.4
19:10:59	28 30.3	-91 55.5	440.1	456.8	10043*	920	30.1	-10.4	-2.9	75.1	79.2*	0.0	38.8	186.9	77.8	40.0
19:11:30	28 31.6	-91 55.7	12.7	116.5	117.2	896	6.0	2.3	-1.0	911.4	2.4*	27.9	27.1	-16.9	-18.9	0.5
19:11:30	28 34.0	-91 54.7	13.4	117.3	118.0	906	5.6	2.2	-1.2	262.7	3.8*	28.2	27.4	20.3	20.3	0.0
19:11:30	28 32.2	-91 55.3	11.8	117.1	117.7	920	0.0	26.2	-13.9	74.1*	80.0	50.0	49.1	21.6	21.6	3.4
19:11:29	28 32.3	-91 55.3	439.7	456.4	10042*	917	26.0	-8.9	-2.3	73.5	77.5*	0.0	38.8	186.6	77.2	40.0
19:12:00	28 33.5	-91 55.3	35.1	110.4	115.8	890	17.4	-0.4*	0.2*	912.5	2.4*	28.1	27.3	-16.9	-18.9	0.5
19:12:00	28 35.8	-91 54.4	35.8	111.2	116.8	899	17.4	-0.5*	0.0*	262.7	3.8*	28.4	27.6	20.0	20.0	0.0
19:12:00	28 34.1	-91 54.9	34.3	111.4	116.5	914	0.0	21.4	-15.2	71.9*	77.5	50.0	49.1	21.3	21.3	3.4
19:11:59	28 34.1	-91 54.9	440.0	456.7	10042*	911	29.8	-9.2	-2.4	71.6	75.4*	0.0	38.8	198.1	75.9	40.0

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:12:30	28 35.3	-91 55.1	-3.4	117.2	117.2	602	358.4	-1.8	-2.1*	942.7	2.4*	30.0	29.2	-16.9	-18.9	0.5
19:12:30	28 37.7	-91 54.1	-2.8	117.9	117.9	614	358.2	-1.9	-2.3*	262.6	3.8*	30.3	29.5	21.9	21.9	0.0
19:12:30	28 36.0	-91 54.7	-4.3	117.7	117.8	634	0.0	30.0	-12.9	75.6*	82.2	50.0	49.1	22.6	22.6	3.0
19:12:29	28 36.0	-91 54.7	442.9	459.7	10043*	626	30.1	-15.3	-4.5	76.0	80.0*	0.0	38.8	178.8	77.3	40.1
19:13:00	28 37.2	-91 55.1	-2.6	113.0	113.0	391	358.5	-0.7	-1.4	965.8	2.4*	31.3	30.5	-16.9	-18.8	0.5
19:13:00	28 39.6	-91 54.2	-1.9	113.7	113.8	407	358.2	-0.8	-1.5	262.7	3.8*	31.6	30.8	22.9	22.9	0.0
19:13:00	28 37.9	-91 54.8	-3.5	113.7	113.8	422	0.0	27.7	-12.5	71.7*	77.8	50.0	49.1	22.4	22.4	2.7
19:12:59	28 37.9	-91 54.8	444.8	461.7	10042*	415	30.1	-14.0	-4.1	71.7	75.5*	0.0	38.8	179.3	72.9	40.2
19:13:30	28 39.0	-91 55.2	-4.2	108.3	108.3	209	358.3	0.4	-1.4	985.6	2.4*	32.3	31.5	-16.9	-18.9	0.5
19:13:30	28 41.4	-91 54.2	-3.6	109.0	109.1	228	357.9	0.2	-1.6	262.7	3.8*	32.6	31.8	23.5	23.5	0.0
19:13:30	28 39.7	-91 54.9	-5.1	108.8	108.9	247	0.0	31.9	-9.4	68.3*	74.3	50.0	49.1	23.4	23.4	2.5
19:13:29	28 39.7	-91 54.8	446.2	463.2	10042*	236	30.3	-13.0	-3.8	68.1	71.9*	0.0	38.8	177.9	68.2	40.2
19:14:00	28 40.8	-91 55.3	-3.7	107.5	107.6	171	358.3	2.8	0.1	989.8	2.4*	32.7	31.9	-16.9	-18.9	0.5
19:14:00	28 43.2	-91 54.3	-3.1	108.3	108.3	191	358.3	2.6	-0.1	262.6	3.8*	33.0	32.2	23.3	23.3	0.0
19:14:00	28 41.4	-91 54.9	-4.9	108.0	108.1	198	0.0	28.8	-10.8	68.5*	74.2	50.0	49.1	23.7	23.7	2.5
19:13:59	28 41.4	-91 54.9	446.8	463.8	10043*	196	30.1	-11.0	-3.1	67.7	71.6*	0.0	38.8	178.3	67.3	40.3
19:14:30	28 42.5	-91 55.3	-1.8	109.3	109.3	173	359.0	2.6	-0.8	989.7	2.4*	32.6	31.8	-16.9	-18.9	0.5
19:14:30	28 44.9	-91 54.3	-1.2	110.1	110.1	193	358.8	2.5	-0.9	262.7	3.8*	32.9	32.1	23.3	23.3	0.0
19:14:30	28 43.2	-91 55.0	-2.8	109.8	109.8	199	0.0	27.7	-11.6	69.8*	75.6	50.0	49.1	23.7	23.7	2.5
19:14:29	28 43.2	-91 55.0	446.7	463.7	10042*	198	30.5	-10.7	-2.9	69.1	72.7*	0.0	38.8	179.5	69.0	40.3
19:15:00	28 44.3	-91 55.4	-29.1	106.5	110.4	177	342.6*	3.0	-25.2	989.8	2.4*	32.8	32.0	-16.9	-18.9	0.5
19:15:00	28 46.7	-91 54.4	-28.4	107.2	110.9	196	342.2*	2.8	-25.3	262.6	3.8*	33.1	32.3	23.8	23.8	0.0
19:15:00	28 45.0	-91 55.1	-26.8	107.9	111.2	206	0.0	30.7	-11.0	71.1*	77.0	50.0	49.1	23.7	23.7	2.4
19:14:59	28 45.0	-91 55.1	447.0	464.0	10043*	202	30.7	-10.1	-3.2	70.2	73.7*	0.0	38.8	165.4	70.1	40.3
19:15:30	28 45.4	-91 56.9	-108.2	16.8	109.5	175	278.0*	2.9	-23.7	990.1	2.4*	33.0	32.2	-16.9	-18.9	0.5
19:15:30	28 47.8	-91 55.8	-107.4	17.4	108.8	194	277.6*	2.7	-23.8	262.6	3.8*	33.3	32.5	24.0	24.0	0.0
19:15:30	28 46.1	-91 56.5	-108.6	20.2	110.5	202	0.0	30.7	-11.4	72.4*	78.6	50.0	49.1	24.2	24.2	2.4
19:15:29	28 46.1	-91 56.5	447.2	464.3	10043*	201	30.6	-13.0	-4.0	71.8	75.2*	0.0	38.8	98.9	69.2	40.3
19:16:00	28 45.4	-91 58.9	-110.6	-1.4	110.6	175	269.4	2.3	0.0	989.5	2.4*	32.9	32.1	-16.9	-18.9	0.5
19:16:00	28 47.8	-91 57.8	-109.8	-0.8	109.8	194	269.1	2.2	-0.1	262.6	3.8*	33.3	32.5	24.3	24.3	0.0
19:16:00	28 46.1	-91 58.6	-111.6	-1.1	111.6	200	0.0	26.6	-13.4	73.4*	79.1	50.0	49.1	24.0	24.0	2.4
19:15:59	28 46.1	-91 58.6	447.2	464.3	10043*	202	30.7	-8.6	-2.2	72.5	76.5*	0.0	38.8	89.4	70.4	40.3
19:16:30	28 45.4	-92 0.9	-109.9	2.4	109.9	172	269.5	1.9	0.3	989.8	2.4*	31.4	30.6	-16.9	-18.9	0.5
19:16:30	28 47.9	-91 59.9	-109.1	3.0	109.1	191	269.5	1.7	0.2	262.6	3.8*	31.7	30.9	23.5	23.5	0.0
19:16:30	28 46.1	-92 0.6	-111.0	2.6	111.1	195	0.0	21.2	-18.6	80.9*	86.9	50.0	49.1	23.4	23.4	2.7
19:16:29	28 46.1	-92 0.6	445.0	461.9	10043*	198	30.8	-7.1	-2.6	80.0	84.5*	0.0	38.8	92.4	69.8	40.2
19:17:00	28 45.4	-92 2.9	-105.9	3.2	106.0	170	271.6	3.0	-0.3*	990.3	2.4*	31.8	31.0	-16.9	-18.9	0.5
19:17:00	28 47.9	-92 1.8	-105.1	3.9	105.2	190	271.4	2.8	-0.5*	262.6	3.8*	32.0	31.2	24.9	24.9	0.0
19:17:00	28 46.2	-92 2.6	-106.8	3.5	106.9	192	0.0	26.0	-12.2	69.3*	75.4	50.0	49.1	23.7	23.7	2.6
19:16:59	28 46.2	-92 2.6	445.5	462.4	10043*	197	30.0	-13.5	-4.9	68.7	72.5*	0.0	38.8	92.4	65.8	40.2

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:17:30	28 45.5	-92 4.9	-109.3	-0.8	109.3	176	268.8	2.5	-2.1	989.7	2.4*	31.7	30.9	-16.9	-18.9	0.4
19:17:30	28 48.0	-92 3.8	-108.5	-0.1	108.5	195	268.5	2.4	-2.2	262.7	3.8*	31.8	31.0	24.0	24.0	0.0
19:17:30	28 46.2	-92 4.6	-110.3	-0.3	110.3	198	0.0	26.0	-13.4	73.3*	79.3	50.0	49.1	23.1	23.1	2.6
19:17:29	28 46.2	-92 4.6	445.4	462.3	10042*	203	30.1	-10.8	-4.1	72.8	76.5*	0.0	38.8	90.4	69.1	40.2
19:18:00	28 45.4	-92 6.9	-111.2	-2.8	111.2	177	268.2	2.3	-1.5	989.5	2.4*	31.0	30.2	-16.9	-18.8	0.4
19:18:00	28 47.9	-92 5.8	-110.4	-2.1	110.4	196	267.8	2.1	-1.6	262.7	3.8*	31.3	30.5	23.2	23.2	0.0
19:18:00	28 46.2	-92 6.7	-112.1	-2.4	112.1	200	0.0	25.7	-14.2	73.8*	79.8

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:22:30	28 45.1	-92 25.7	-111.1	1.2	111.1	171	270.6	2.3	-0.6	989.6	2.4*	32.4	31.6	-16.9	-18.8	0.5
19:22:30	28 47.7	-92 24.4	-110.4	1.9	110.4	191	270.6	2.1	-0.8	262.6	3.8*	32.8	32.0	23.6	23.6	0.0
19:22:30	28 45.9	-92 25.6	-112.1	1.3	112.1	198	0.0	24.4	-15.5	76.5*	82.5	50.0	49.1	23.9	23.9	2.5
19:22:29	28 45.9	-92 25.6	446.5	463.5	10043*	201	30.6	-8.4	-2.1	75.7	79.9*	0.0	38.8	90.8	70.8	40.3
19:23:00	28 45.2	-92 27.7	-110.4	0.3	110.4	170	271.2	2.4	-1.2	989.9	2.4*	32.1	31.3	-16.9	-18.9	0.4
19:23:00	28 47.8	-92 26.4	-109.8	1.0	109.8	189	271.0	2.2	-1.4	262.7	3.8*	32.4	31.6	23.1	23.1	0.0
19:23:00	28 45.9	-92 27.6	-111.5	0.5	111.5	195	0.0	26.5	-13.6	73.8*	79.7	50.0	49.1	23.5	23.5	2.6
19:22:59	28 45.9	-92 27.7	445.9	462.9	10042*	199	30.1	-10.2	-2.8	73.1	76.7*	0.0	38.8	89.9	70.2	40.2
19:23:30	28 45.2	-92 29.7	-110.3	0.9	110.3	170	271.1	2.4	-0.7	989.8	2.4*	32.1	31.3	-16.9	-18.8	0.4
19:23:30	28 47.8	-92 28.5	-109.6	1.6	109.6	190	270.8	2.3	-0.8	262.6	3.8*	32.5	31.7	22.9	22.9	0.0
19:23:30	28 45.9	-92 29.7	-111.3	1.0	111.3	194	0.0	27.2	-12.9	72.7*	78.5	50.0	49.1	23.3	23.3	2.6
19:23:29	28 46.0	-92 29.7	446.0	463.0	10043*	199	30.2	-8.9	-2.2	71.8	75.9*	0.0	38.8	90.3	70.0	40.2
19:24:00	28 45.2	-92 31.8	-110.3	-0.1	110.3	171	270.9	2.4	-0.8	989.7	2.4*	31.7	30.9	-16.9	-18.9	0.5
19:24:00	28 47.8	-92 30.5	-109.7	0.6	109.7	191	270.5	2.2	-0.9	262.6	3.8*	32.1	31.3	22.5	22.5	0.0
19:24:00	28 46.0	-92 31.8	-111.3	0.1	111.3	194	0.0	26.6	-14.0	75.4*	81.1	50.0	49.1	22.8	22.8	2.6
19:23:59	28 46.0	-92 31.8	445.4	462.4	10043*	200	30.0	-5.3	-1.2	74.3	78.8*	0.0	38.8	89.4	70.1	40.2
19:24:30	28 45.2	-92 33.8	-109.9	0.3	109.9	175	271.0	2.2	-1.0	989.5	2.4*	31.6	30.8	-16.9	-18.9	0.4
19:24:30	28 47.8	-92 32.5	-109.2	1.0	109.2	195	271.0	2.0	-1.2	262.6	3.8*	32.0	31.2	22.8	22.8	0.0
19:24:30	28 46.0	-92 33.8	-110.8	0.3	110.8	198	0.0	24.1	-14.7	74.0*	79.9	50.0	49.1	23.1	23.1	2.6
19:24:29	28 46.0	-92 33.8	445.3	462.3	10043*	203	30.0	-11.3	-3.1	73.3	77.2*	0.0	38.8	90.0	69.7	40.2
19:25:00	28 45.2	-92 35.8	-110.0	0.4	110.0	172	270.6	2.3	-0.7	989.8	2.4*	32.0	31.2	-16.9	-18.9	0.4
19:25:00	28 47.8	-92 34.5	-109.4	1.1	109.4	192	270.5	2.2	-0.9	262.6	3.8*	32.3	31.5	23.1	23.1	0.0
19:25:00	28 46.0	-92 35.8	-110.9	0.5	110.9	195	0.0	24.8	-14.1	73.2*	78.9	50.0	49.1	23.3	23.3	2.6
19:24:59	28 46.0	-92 35.9	445.8	462.8	10043*	200	30.3	-9.7	-2.6	72.4	76.3*	0.0	38.8	90.3	69.8	40.2
19:25:30	28 45.2	-92 37.8	-110.0	0.1	110.0	172	270.7	2.2	-1.1	989.8	2.4*	32.4	31.6	-16.9	-18.9	0.4
19:25:30	28 47.8	-92 36.5	-109.4	0.8	109.5	192	270.4	2.1	-1.2	262.6	3.8*	32.7	31.9	23.0	23.0	0.0
19:25:30	28 46.0	-92 37.9	-111.0	0.2	111.0	195	0.0	24.2	-14.6	73.6*	79.5	50.0	49.1	23.3	23.3	2.5
19:25:29	28 46.0	-92 37.9	446.4	463.5	10043*	200	30.2	-9.5	-2.5	72.8	76.4*	0.0	38.8	90.0	69.8	40.3
19:26:00	28 45.2	-92 39.8	-110.1	-0.7	110.1	170	271.0	2.4	-1.4	990.0	2.4*	32.5	31.7	-16.9	-18.8	0.4
19:26:00	28 47.8	-92 38.5	-109.5	-0.0	109.5	189	270.6	2.3	-1.5	262.7	3.8*	32.8	32.0	22.4	22.4	0.0
19:26:00	28 46.0	-92 39.9	-111.0	-0.5	111.0	196	0.0	26.3	-13.2	72.4*	78.1	50.0	49.1	22.9	22.9	2.5
19:25:59	28 46.0	-92 39.9	446.5	463.5	10042*	197	30.1	-8.1	-2.1	71.4	75.3*	0.0	38.8	89.0	69.8	40.3
19:26:30	28 45.2	-92 41.9	-110.1	-0.7	110.1	171	270.8	2.5	-0.9	989.8	2.4*	32.5	31.7	-16.9	-18.8	0.4
19:26:30	28 47.8	-92 40.6	-109.5	-0.1	109.5	191	270.8	2.3	-1.0	262.7	3.8*	32.8	32.0	22.3	22.3	0.0
19:26:30	28 46.0	-92 42.0	-111.0	-0.7	111.0	196	0.0	25.7	-13.3	71.9*	77.6	50.0	49.1	23.1	23.1	2.5
19:26:29	28 46.0	-92 42.0	446.5	463.5	10042*	199	30.4	-9.2	-2.5	71.0	74.9*	0.0	38.8	89.2	69.8	40.3
19:27:00	28 45.1	-92 43.9	-110.3	-0.2	110.3	171	270.9	2.5	-0.9	989.8	2.4*	32.3	31.5	-16.9	-18.8	0.4
19:27:00	28 47.8	-92 42.6	-109.8	0.5	109.8	191	270.8	2.4	-1.1	262.6	3.8*	32.6	31.8	22.1	22.1	0.0
19:27:00	28 45.9	-92 44.0	-111.2	-0.3	111.2	198	0.0	26.9	-12.5	71.3*	77.0	50.0	49.1	22.7	22.7	2.5
19:26:59	28 45.9	-92 44.0	446.2	463.3	10043*	198	30.4	-10.0	-2.7	70.5	74.4*	0.0	38.8	89.6	70.1	40.2

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:27:30	28 45.1	-92 45.9	-110.3	0.1	110.3	170	271.0	2.5	-1.5	990.0	2.4*	32.0	31.2	-16.9	-18.8	0.4
19:27:30	28 47.8	-92 44.6	-109.8	0.8	109.8	191	270.7	2.4	-1.6	262.6	3.8*	32.4	31.6	22.8	22.8	0.0
19:27:30	28 45.9	-92 46.1	-111.2	0.2	111.2	201	0.0	25.5	-12.8	70.3*	76.0	50.0	49.1	23.2	23.2	2.6
19:27:29	28 45.9	-92 46.1	445.9	462.9	10043*	199	30.1	-11.6	-3.3	69.5	73.3*	0.0	38.8	89.9	70.1	40.2
19:28:00	28 45.1	-92 48.0	-110.4	0.2	110.4	172	270.6	2.4	-0.5	989.7	2.4*	32.4	31.6	-16.9	-18.8	0.4
19:28:00	28 47.9	-92 46.6	-109.9	0.8	109.9	191	270.2	2.2	-0.6	262.6	3.8*	32.7	31.9	22.4	22.4	0.0
19:28:00	28 45.9	-92 48.1	-111.2	0.0	111.2	194	0.0	25.4	-13.5	72.2*	77.9	50.0	49.1	22.8	22.8	2.5
19:27:59	28 45.9	-92 48.1	446.4	463.4	10043*	200	30.5	-8.6	-2.2	71.3	75.2*	0.0	38.8	90.0	70.1	40.3
19:28:30	28 45.1	-92 50.0	-110.5	-0.6	110.5	172	270.9	2.5	-0.8	989.7	2.4*	32.3	31.5	-16.9	-18.9	0.4
19:28:30	28 47.9	-92 48.7	-110.1	0.1	110.1	192	270.9	2.3	-1.0	262.6	3.8*	32.7	31.8	22.4	22.4	0.0
19:28:30	28 45.9	-92 50.2	-111.3	-0.7	111.3	196	0.0	26.0	-13.5	72.9*	78.7	50.0	49.1	23.1	23.1	2.5
19:28:29	28 45.9	-92 50.2	446.3	463.3	10043*	200	30.3	-9.6	-2.5	72.0	76.1*	0.0	38.8	89.3	70.3	40.2
19:29:00	28 45.1	-92 52.0	-110.6	-0.6	110.6	172	270.3	2.5	-0.7	989.7	2.4*	32.4	31.6	-16.9	-18.9	0.4
19:29:00	28 47.9	-92 50.7	-110.1	0.1	110.1	191	270.2	2.3	-0.8	262.7	3.8*	32.8	32.0	22.4	22.4	0.0
19:29:00	28 45.9	-92 52.2	-111.4	-0.6	111.4	193	0.0	26.0	-13.8	74.1*	79.8	50.0	49.1	22.9	22.9	2.5
19:28:59	28 45.9	-92 52.2	446.4	463.5	10042*	200	30.2	-6.2	-1.5	73.0	77.2*	0.0	38.8	89.4	70.3	40.3
19:29:30	28 45.1	-92 54.1	-110.4	0.4	110.4	173	270.6	2.4	-0.4	989.6	2.4*	32.8	32.0	-16.9	-18.9	0.4
19:29:30	28 47.9	-92 52.7	-110.0	1.0	110.0	193	270.3	2.2	-0.5	262.6	3.8*	33.1	32.3	21.3	21.3	0.0
19:29:30	28 45.9	-92 54.3	-111.2	0.2	111.2	196	0.0	25.4	-14.0	73.5*	79.3	50.0	49.1	22.3	22.3	2.4
19:29:29	28 45.9	-92 54.3	447.0	464.0	10043*	201	29.8	-9.0	-2.5	72.6	76.7*	0.0	38.8	90.2	70.2	40.3
19:30:00	28 45.1	-92 56.1	-110.2	1.1	110.3	173	271.0	2.3	-0.9	989.7	2.4*	32.1	31.3	-16.9	-18.9	0.5
19:30:00	28 47.9	-92 54.7	-109.9	1.7	109.9	193	270.6	2.1	-1.0	262.6	3.8*	32.4	31.6	22.3	22.3	0.0
19:30:00	28 45.9	-92 56.3	-111.0	0.9	111.0	199	0.0	26.0	-13.8	73.3*	79.3	50.0	49.1	22.8	22.8	2.6
19:29:59	28 45.9	-92 56.3	446.0	463.0	10043*	202	29.4	-11.4	-4.0	72.6	76.5*	0.0	38.8	90.7	70.0	40.2
19:30:30	28 45.2	-92 58.1	-110.6	0.9	110.6	174	271.1	2.3	-1.2	989.7	2.4*	32.2	31.4	-16.9	-18.9	0.5
19:30:30	28 47.9	-92 56.8	-110.2	1.6	110.2	193	271.0	2.1	-1.4	262.6	3.8*	32.5	31.7	23.1	23.1	0.0
19:30:30	28 45.9	-92 58.4	-111.3	0.8	111.3	198	0.0	25.4	-14.0	72.6*	78.4	50.0	49.1	23.1	23.1	2.6
19:30:29	28 46.0	-92 58.4	446.1	463.1	10043*	203	29.6	-9.7	-3.7	71.8	75.8*	0.0	38.8	90.4	70.3	40.2
19:31:00	28 45.2	-93 0.2	-110.4	4.5	110.5	172	273.2*	2.6	14.9*	989.5	2.4*	32.6	31.8	-16.9	-18.9	0.4
19:31:00	28 48.0	-92 58.8	-110.1	5.1	110.2	192	273.0*	2.4	14.6*	262.7	3.8*	32.9	32.1	23.3	23.3	0.0
19:31:00	28 46.0	-93 0.4	-111.2	2.4	111.3	197	0.0	27.2	-12.8	72.5*	77.8	50.0	49.1	23.4	23.4	2.5
19:30:59	28 46.0	-93 0.4	446.6	463.7	10042*	201	30.1	-1.3	-1.3	71.1	75.4*	0.0	38.8	92.2	70.3	40.3
19:31:30	28 46.2	-93 1.7	-31.8	100.1	105.1	363	343.0*	7.5*	23.4	968.5	2.4*	30.7	29.9	-16.9	-18.9	0.5
19:31:30	28 49.0	-93 0.3	-31.6	100.9	105.7	379	342.8*	7.3*	23.2	262.6	3.8*	31.0	30.2	23.4	23.4	0.0
19:31:30	28 46.9	-93 2.0	-35.3	99.3	105.4	378	0.0	27.3	-10.8	65.3*	70.3	50.0	49.1	23.0	23.0	2.8
19:31:29	28 46.9	-93 2.0	443.9	460.8	10043*	384	29.8	-7.0	-1.4	63.6	68.2*	0.0	38.8	163.0	65.1	40.1
19:32:00	28 47.9	-93 1.7	-28.2	109.4	113.0	477	343.1*	4.4*	-30.0	957.0	2.4*	30.6	29.8	-16.9	-18.9	0.5
19:32:00	28 50.7	-93 0.3	-28.0	110.1	113.7	492	342.9*	2.9	-28.8*	262.6	3.8*	30.9	30.1	22.0	22.0	0.0
19:32:00	28 48.7	-93 2.0	-23.9	110.0	112.6	501	0.0	31.5	-11.6	73.1*	78.7	50.0	49.1	22.2	22.2	2.8
19:31:59	28 48.7	-93 2.0	443.7	460.6	10043*	498	29.8	-4.4	-1.2	71.7	75.3*	0.0	38.8	166.0	72.9	40.1

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:32:30	28 49.0	-93 3.3	-111.4	11.3	112.0	479	274.9*	3.2	-24.1	957.1	2.4*	30.6	29.8	-16.9	-18.9	0.5
19:32:30	28 51.8	-93 1.9	-111.1	11.9	111.7	493	274.8*	3.0	-24.2	262.6	3.8*	30.9	30.1	22.5	22.5	0.0
19:32:30	28 49.8	-93 3.6	-111.7	14.1	112.6	517	0.0	29.7	-12.0	72.4*	78.5	50.0	49.1	22.3	22.3	2.8
19:32:29	28 49.8	-93 3.6	443.8	460.7	10043*	501	29.9	-12.6	-3.9	71.8	75.3*	0.0	38.8	96.0	71.9	40.1
19:33:00	28 48.3	-93 5.0	-59.0	-96.1	112.8	457	211.7*	0.3	-27.0	959.5	2.4*	31.0	30.2	-16.9	-18.8	0.5
19:33:00	28 51.1	-93 3.6	-58.5	-95.4	112.0	471	211.7*	0.1	-27.2	262.6	3.8*	31.4	30.6	21.8	21.8	0.0
19:33:00	28 49.1	-93 5.3	-62.2	-94.3	113.0	476	0.0	28.9	-13.1	74.4*	80.7	50.0	49.1	21.7	21.7	2.8
19:32:59	28 49.1	-93 5.3	444.4	461.3	10043*	481	29.9	-12.7	-3.9	74.1	77.3*	0.0	38.8	31.0	72.7	40.1
19:33:30	28 46.5	-93 5.0	63.2	-95.9	114.9	438	147.4*	2.9	-24.2	961.5	2.4*	31.1	30.3	-16.9	-18.9	0.5
19:33:30	28 49.3	-93 3.5	63.7	-95.1	114.4	452	147.3*	2.7	-24.3	262.6	3.8*	31.4	30.6	22.4	22.4	0.0
19:33:30	28 47.3	-93 5.3	60.3	-97.8	114.9	459	0.0	29.7	-12.5	73.9*	80.2	50.0	49.1	22.4	22.4	2.8
19:33:29	28 47.3	-93 5.3	444.5	461.4	10043*	458	29.9	-13.6	-4.2	73.4	76.9*	0.0	38.8	325.9	74.7	40.2
19:34:00	28 45.4	-93 3.2	103.2	-50.7	114.9	440	117.0	2.4	-2.5*	960.7	2.4*	30.9	30.1	-16.9	-18.9	0.5
19:34:00	28 48.3	-93 1.8	103.6	-49.8	114.9	455	116.7	2.3	-2.7*	262.6	3.8*	31.2	30.4	22.7	22.7	0.0
19:34:00	28 46.2	-93 3.6	102.8	-51.0	114.8	457	0.0	24.5	-14.7	73.8*	79.7	50.0	49.1	22.1	22.1	2.8
19:33:59	28 46.2	-93 3.6	444.2	461.2	10043*	463	29.3	-10.7	-3.4	73.1	77.1*	0.0	38.8	296.0	74.8	40.2
19:34:30	28 45.3	-93 1.2	113.8	9.8	114.2	441	85.3*	2.3	3.0*	960.5	2.4*	30.6	29.8	-16.9	-18.9	0.5
19:34:30	28 48.1	-92 59.8	114.0	10.7	114.5	456	85.0*	2.2	2.9*	262.6	3.8*	31.0	30.2	23.1	23.1	0.0
19:34:30	28 46.0	-93 1.6	113.4	10.0	113.8	462	0.0	25.2	-13.6	72.5*	78.1	50.0	49.1	22.6	22.6	2.8
19:34:29	28 46.1	-93 1.6	443.8	460.7	10043*	464	29.8	-7.1	-1.8	71.6	75.5*	0.0	38.8	265.2	74.1	40.1
19:35:00	28 45.3	-92 59.1	114.3	-3.6	114.4	438	92.4	2.6	-0.7	960.8	2.4*	30.8	30.0	-16.9	-18.9	0.5
19:35:00	28 48.2	-92 57.6	114.6	-2.7	114.6	454	92.0	2.4	-0.8	262.6	3.8*	31.2	30.4	22.5	22.5	0.0
19:35:00	28 46.1	-92 59.5	114.1	-3.7	114.2	458	0.0	25.4	-13.4	71.9*	77.6	50.0	49.1	22.1	22.1	2.8
19:34:59	28 46.1	-92 59.5	444.1	461.0	10043*	463	29.3	-9.4	-3.6	71.1	75.0*	0.0	38.8	271.7	74.2	40.2
19:35:30	28 45.3	-92 57.0	114.2	3.0	114.3	441	88.6	2.5	-1.6	960.6	2.4*	30.6	29.8	-16.9	-18.9	0.5
19:35:30	28 48.2	-92 55.5	114.4	3.8	114.5	455	88.6	2.3	-1.8	262.6	3.8*	30.9	30.1	22.3	22.3	0.0
19:35:30	28 46.0	-92 57.4	114.0	2.7	114.0	463	0.0	25.6	-13.5	72.0*	77.7	50.0	49.1	22.0	22.0	2.8
19:35:29	28 46.0	-92 57.4	443.8	460.7	10043*	464	28.9	-10.0	-3.9	71.2	75.1*	0.0	38.8	268.7	74.2	40.1
19:36:00	28 45.3	-92 54.9	114.3	1.2	114.3	440	89.5	2.6	-0.5	960.6	2.4*	30.9	30.1	-16.9	-18.9	0.5
19:36:00	28 48.2	-92 53.4	114.5	2.0	114.5	455	89.4	2.4	-0.7	262.6	3.8*	31.1	30.3	22.1	22.1	0.0
19:36:00	28 46.1	-92 55.3	114.1	1.0	114.1	459	0.0	26.1	-12.9	71.4*	77.1	50.0	49.1	21.7	21.7	2.8
19:35:59	28 46.1	-92 55.3	444.2	461.1	10043*	464	29.2	-9.9	-3.6	70.6	74.5*	0.0	38.8	269.6	74.2	40.2
19:36:30	28 45.3	-92 52.8	114.8	-0.8	114.8	440	91.5	2.5	-1.0	960.8	2.4*	30.9	30.1	-16.9	-18.9	0.5
19:36:30	28 48.2	-92 51.3	114.9	0.0	114.9	455	91.2	2.4	-1.2	262.6	3.8*	31.2	30.4	20.8	20.8	0.0
19:36:30	28 46.1	-92 53.2	114.6	-1.0	114.6	453	0.0	25.6	-13.5	70.9*	76.7	50.0	49.1	21.3	21.3	2.8
19:36:29	28 46.1	-92 53.2	444.2	461.1	10043*	463	29.8	-12.7	-4.3	70.5	73.9*	0.0	38.8	270.2	74.7	40.1
19:37:00	28 45.3	-92 50.6	115.6	-1.6	115.6	444	91.4	2.3	-0.9	960.4	2.4*	31.0	30.2	-16.9	-18.9	0.5
19:37:00	28 48.2	-92 49.2	115.8	-0.8	115.8	458	91.0	2.1	-1.0	262.6	3.8*	31.3	30.5	20.7	20.7	0.0
19:37:00	28 46.1	-92 51.1	115.5	-1.8	115.5	460	0.0	24.7	-14.1	72.5*	78.3	50.0	49.1	21.3	21.3	2.8
19:36:59	28 46.1	-92 51.0	444.4	461.3	10043*	466	29.7	-12.1	-3.5	71.5	75.7*	0.0	38.8	270.9	75.5	40.1

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:37:30	28 45.3	-92 48.5	116.0	-1.2	116.0	443	91.6	2.2	-1.1	960.3	2.4*	31.0	30.2	-16.9	-18.9	0.5
19:37:30	28 48.2	-92 47.1	116.1	-0.4	116.1	458	91.5	2.0	-1.2	262.6	3.8*	31.3	30.5	22.6	22.6	0.0
19:37:30	28 46.0	-92 48.9	115.9	-1.5	115.9	462	0.0	23.7	-15.3	75.1*	81.0	50.0	49.1	22.3	22.3	2.8
19:37:29	28 46.0	-92 48.9	444.3	461.2	10043*	466	29.8	-9.5	-2.6	73.7	78.4*	0.0	38.8	270.3	75.9	40.1
19:38:00	28 45.3	-92 46.4	115.9	-0.9	115.9	442	91.5	2.2	-1.1	960.4	2.4*	31.3	30.6	-16.9	-18.8	0.5
19:38:00	28 48.2	-92 44.9	116.0	-0.1	116.0	457	91.4	2.1	-1.2	262.6	3.8*	31.7	30.9	20.5	20.5	0.0
19:38:00	28 46.0	-92 46.8	115.8	-1.2	115.8	461	0.0	23.7	-15.1	74.5*	80.4

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:42:30	28 45.2	-92 27.2	115.2	1.2	115.2	440	91.6	2.1	-1.1	960.3	2.4*	30.7	29.9	-16.9	-18.8	0.5
19:42:30	28 48.3	-92 25.8	115.1	1.9	115.1	455	91.3	2.0	-1.3	262.7	3.8*	31.0	30.2	23.4	23.4	0.0
19:42:30	28 45.9	-92 27.6	115.4	0.8	115.4	455	0.0	23.8	-15.1	74.6*	80.5	50.0	49.1	22.7	22.7	2.8
19:42:29	28 45.9	-92 27.6	443.9	460.8	10042*	464	29.7	-10.3	-2.8	73.5	77.8*	0.0	38.8	268.5	75.1	40.1
19:43:00	28 45.2	-92 25.1	115.5	0.1	115.5	438	91.6	2.2	-1.0	960.5	2.4*	30.8	30.1	-16.9	-18.9	0.5
19:43:00	28 48.3	-92 23.7	115.4	0.7	115.4	452	91.2	2.0	-1.1	262.6	3.8*	31.2	30.4	23.5	23.5	0.0
19:43:00	28 45.9	-92 25.5	115.8	-0.3	115.8	449	0.0	23.4	-15.8	75.9*	81.8	50.0	49.1	22.8	22.8	2.8
19:42:59	28 45.9	-92 25.5	444.1	461.0	10043*	462	29.7	-9.4	-2.5	75.2	79.2*	0.0	38.8	269.3	75.4	40.1
19:43:30	28 45.2	-92 23.0	115.5	0.1	115.5	439	91.3	2.0	-0.7	960.4	2.4*	30.7	29.9	-16.9	-18.9	0.5
19:43:30	28 48.3	-92 21.5	115.4	0.7	115.4	453	91.3	1.8	-0.9	262.6	3.8*	31.0	30.2	23.5	23.5	0.0
19:43:30	28 45.9	-92 23.4	115.8	-0.3	115.8	449	0.0	23.4	-15.9	76.1*	82.0	50.0	49.1	22.6	22.6	2.8
19:43:29	28 45.9	-92 23.4	443.9	460.8	10043*	463	29.8	-9.0	-2.4	74.8	79.4*	0.0	38.8	269.5	75.4	40.1
19:44:00	28 45.2	-92 20.9	115.5	-1.0	115.5	438	91.4	2.0	-0.8	960.4	2.4*	31.0	30.2	-16.9	-18.9	0.5
19:44:00	28 48.3	-92 19.4	115.3	-0.4	115.3	453	91.2	1.9	-1.0	262.6	3.8*	31.3	30.5	22.1	22.1	0.0
19:44:00	28 45.9	-92 21.2	115.8	-1.3	115.8	455	0.0	22.7	-16.2	76.0*	81.9	50.0	49.1	22.1	22.1	2.8
19:43:59	28 45.9	-92 21.2	444.3	461.3	10043*	463	29.9	-10.1	-2.8	75.4	79.4*	0.0	38.8	270.3	75.4	40.1
19:44:30	28 45.2	-92 18.7	115.4	-1.1	115.4	438	91.5	2.1	-1.0	960.4	2.4*	30.9	30.1	-16.9	-18.8	0.5
19:44:30	28 48.3	-92 17.3	115.2	-0.5	115.2	453	91.1	1.9	-1.1	262.6	3.8*	31.2	30.4	22.1	22.1	0.0
19:44:30	28 45.9	-92 19.1	115.8	-1.5	115.8	459	0.0	23.1	-15.9	75.9*	81.8	50.0	49.1	22.2	22.2	2.8
19:44:29	28 45.9	-92 19.1	444.2	461.1	10043*	462	30.2	-10.0	-2.8	74.9	79.1*	0.0	38.8	270.3	75.3	40.2
19:45:00	28 45.2	-92 16.6	115.3	-1.3	115.3	436	91.5	2.3	-1.0	960.5	2.4*	31.0	30.2	-16.9	-18.9	0.5
19:45:00	28 48.3	-92 15.2	115.1	-0.7	115.1	452	91.1	2.1	-1.1	262.6	3.8*	31.4	30.6	22.4	22.4	0.0
19:45:00	28 45.8	-92 17.0	115.7	-1.7	115.7	458	0.0	23.5	-15.7	76.0*	81.8	50.0	49.1	22.3	22.3	2.8
19:44:59	28 45.8	-92 17.0	444.4	461.3	10043*	460	30.1	-7.6	-1.9	74.6	79.3*	0.0	38.8	270.3	75.2	40.2
19:45:30	28 45.2	-92 14.5	115.2	3.4	115.3	437	88.8	2.2	-2.0	960.5	2.4*	31.1	30.3	-16.9	-18.9	0.5
19:45:30	28 48.3	-92 13.1	115.0	4.1	115.1	452	88.7	2.0	-2.2	262.6	3.8*	31.5	30.7	21.7	21.7	0.0
19:45:30	28 45.8	-92 14.8	115.7	2.9	115.7	457	0.0	23.5	-15.7	75.9*	81.8	50.0	49.1	21.9	21.9	2.7
19:45:29	28 45.8	-92 14.8	444.6	461.5	10043*	461	30.2	-9.5	-2.6	74.9	79.2*	0.0	38.8	268.3	75.2	40.1
19:46:00	28 45.2	-92 12.4	115.0	5.1	115.1	438	88.3	2.0	-1.4	960.3	2.4*	31.1	30.3	-16.9	-18.9	0.5
19:46:00	28 48.4	-92 10.9	114.7	5.7	114.9	453	88.2	1.9	-1.6	262.6	3.8*	31.4	30.6	21.3	21.3	0.0
19:46:00	28 45.9	-92 12.7	115.5	4.6	115.5	462	0.0	22.3	-16.6	76.8*	82.7	50.0	49.1	21.4	21.4	2.7
19:45:59	28 45.9	-92 12.7	444.5	461.4	10043*	462	30.1	-10.1	-2.8	75.3	80.0*	0.0	38.8	267.3	75.0	40.1
19:46:30	28 45.3	-92 10.3	114.6	5.8	114.8	437	88.2	2.1	-1.1	960.4	2.4*	31.0	30.2	-16.9	-18.9	0.5
19:46:30	28 48.5	-92 8.8	114.3	6.4	114.5	452	87.8	2.0	-1.2	262.6	3.8*	31.3	30.5	21.5	21.5	0.0
19:46:30	28 46.0	-92 10.6	115.1	5.3	115.2	462	0.0	23.0	-16.0	76.2*	82.1	50.0	49.1	21.6	21.6	2.8
19:46:29	28 46.0	-92 10.6	444.4	461.3	10043*	461	29.8	-8.9	-2.4	75.2	79.5*	0.0	38.8	266.7	74.6	40.1
19:47:00	28 45.4	-92 8.2	114.3	5.9	114.5	439	87.9	2.0	-1.0	960.3	2.4*	31.0	30.2	-16.9	-18.8	0.5
19:47:00	28 48.6	-92 6.7	114.0	6.5	114.2	454	87.5	1.9	-1.1	262.6	3.8*	31.3	30.5	22.7	22.7	0.0
19:47:00	28 46.1	-92 8.5	114.8	5.6	114.9	459	0.0	22.8	-16.4	76.9*	82.8	50.0	49.1	22.2	22.2	2.8
19:46:59	28 46.1	-92 8.5	444.3	461.2	10043*	462	29.7	-9.6	-2.6	75.8	80.2*	0.0	38.8	266.8	74.3	40.2

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:47:30	28 45.5	-92 6.1	113.8	5.7	113.9	437	87.7	2.1	-0.8	960.4	2.4*	31.3	30.5	-16.9	-18.8	0.5
19:47:30	28 48.7	-92 4.6	113.5	6.3	113.6	453	87.7	2.0	-0.9	262.6	3.8*	31.6	30.8	20.8	20.8	0.0
19:47:30	28 46.1	-92 6.4	114.3	5.3	114.4	452	0.0	22.2	-16.5	76.6*	82.4	50.0	49.1	21.2	21.2	2.7
19:47:29	28 46.1	-92 6.3	444.8	461.8	10043*	460	29.9	-7.4	-1.9	75.6	79.9*	0.0	38.8	267.0	73.8	40.1
19:48:00	28 45.6	-92 4.0	113.4	6.3	113.6	437	88.2	2.3	-1.3	960.7	2.4*	31.1	30.3	-16.9	-18.9	0.5
19:48:00	28 48.8	-92 2.6	113.0	6.9	113.2	451	88.0	2.1	-1.4	262.6	3.8*	31.4	30.6	20.7	20.7	0.0
19:48:00	28 46.2	-92 4.3	113.9	5.9	114.0	448	0.0	23.2	-15.0	73.6*	79.3	50.0	49.1	21.2	21.2	2.8
19:47:59	28 46.2	-92 4.2	444.5	461.4	10043*	459	29.9	-8.8	-2.3	72.7	76.7*	0.0	38.8	266.3	73.4	40.1
19:48:30	28 45.7	-92 1.9	113.7	6.7	113.9	436	88.2	2.4	-1.6*	960.8	2.4*	31.0	30.2	-16.9	-18.9	0.5
19:48:30	28 48.9	-92 0.5	113.3	7.3	113.5	451	87.9	2.3	-1.7*	262.6	3.8*	31.3	30.5	20.6	20.6	0.0
19:48:30	28 46.3	-92 2.2	114.2	6.2	114.4	453	0.0	23.3	-14.8	73.1*	78.8	50.0	49.1	20.7	20.7	2.8
19:48:29	28 46.3	-92 2.1	444.3	461.2	10043*	458	29.9	-9.9	-2.5	71.6	75.9*	0.0	38.8	266.0	73.7	40.2
19:49:00	28 45.8	-91 59.8	113.7	2.8	113.8	436	88.5*	2.6	2.1	960.4	2.4*	30.8	30.0	-16.9	-18.9	0.5
19:49:00	28 49.0	-91 58.4	113.3	3.4	113.4	451	88.1*	2.4	1.9	262.7	3.8*	31.0	30.2	21.5	21.5	0.0
19:49:00	28 46.4	-92 0.1	114.4	2.8	114.4	456	0.0	24.6	-13.9	73.1*	78.8	50.0	49.1	20.6	20.6	2.8
19:48:59	28 46.4	-92 0.0	444.1	461.0	10042*	460	28.1	-5.8	-2.4	71.7	76.3*	0.0	38.8	268.8	73.6	40.2
19:49:30	28 45.5	-91 57.8	89.4	-70.5	113.9	443	130.6*	2.6*	24.0	959.2	2.4*	31.3	30.5	-16.9	-18.9	0.5
19:49:30	28 48.7	-91 56.4	89.1	-70.0	113.3	457	130.8*	2.5*	23.8	262.6	3.8*	31.4	30.6	22.1	22.1	0.0
19:49:30	28 46.1	-91 58.0	92.1	-67.9	114.4	458	0.0	28.9	-12.7	74.3*	80.4	50.0	49.1	21.4	21.4	2.7
19:49:29	28 46.1	-91 58.0	444.8	461.7	10043*	464	29.2	-8.5	-2.8	72.7	77.7*	0.0	38.8	307.9	73.7	40.2
19:50:00	28 43.9	-91 57.1	6.4	-106.2	106.4	735	177.2*	5.7	-6.5*	928.8	2.4*	28.2	27.4	-16.9	-18.8	0.5
19:50:00	28 47.1	-91 55.7	6.1	-105.8	106.0	748	176.8*	5.6	-6.7*	262.6	3.8*	28.6	27.8	20.4	20.4	0.0
19:50:00	28 44.5	-91 57.3	6.4	-106.5	106.7	748	0.0	21.3	-13.1	62.4*	67.7	50.0	49.1	21.4	21.4	3.3
19:49:59	28 44.5	-91 57.3	440.3	457.0	10043*	757	29.3	-13.2	-4.6	61.3	65.0*	0.0	38.8	356.7	66.5	39.9
19:50:30	28 42.4	-91 56.2	97.4	-53.2	111.0	925	119.0*	2.7*	-27.1	909.4	2.4*	27.4	26.6	-16.9	-18.9	0.5
19:50:30	28 45.7	-91 54.8	96.9	-52.8	110.4	937	118.6*	2.6*	-27.2	262.6	3.8*	27.9	27.1	19.5	19.5	0.0
19:50:30	28 43.1	-91 56.4	96.2	-55.8	111.2	942	0.0	20.2	-12.8	66.4*	72.0	50.0	49.1	21.3	21.3	3.5
19:50:29	28 43.0	-91 56.4	439.2	455.8	10044*	946	28.5	-14.6	-4.3	65.6	68.5*	0.0	38.7	298.3	71.1	39.8
19:51:00	28 42.6	-91 54.2	97.1	67.9	118.5	925	55.1*	2.9	-24.8	908.7	2.4*	28.1	27.3	-16.9	-18.8	0.5
19:51:00	28 45.8	-91 52.8	96.5	68.4	118.3	936	54.7*	2.7	-24.9	262.6	3.8*	28.4	27.6	19.9	19.9	0.0
19:51:00	28 43.2	-91 54.4	99.4	65.3	118.9	960	0.0	25.2	-14.9	76.2*	82.8	50.0	49.1	21.6	21.6	3.4
19:50:59	28 43.2	-91 54.4	440.1	456.8	10043*	947	28.3	-16.8	-5.2	76.0	79.4*	0.0	38.7	234.9	78.6	39.9
19:51:30	28 44.2	-91 53.3	-12.5	115.6	116.3	922	353.0*	2.9	-24.8	908.8	2.4*	28.4	27.6	-16.9	-18.9	0.5
19:51:30	28 47.5	-91 51.9	-13.1	116.0	116.7	935	352.6*	2.7	-24.9	262.6	3.8*	28.7	27.9	19.0	19.0	0.0
19:51:30	28 44.8	-91 53.5	-8.9	115.9	116.2	983	0.0	30.9	-11.7	72.1*	78.1	50.0	49.1	20.2	20.2	3.3
19:51:29	28 44.8	-91 53.5	440.5	457.2	10043*	945	28.7	-11.0	-3.4	71.5	75.0*	0.0	38.8	173.8	76.3	39.9
19:52:00	28 45.7	-91 54.5	-108.6	42.1	116.5	905	290.4*	0.2	-26.9	911.0	2.4*	28.1	27.3	-16.9	-18.9	0.5
19:52:00	28 48.9	-91 53.2	-109.1	42.4	117.0	916	289.9*	0.1	-27.1	262.6	3.8*	28.4	27.6	19.4	19.4	0.0
19:52:00	28 46.2	-91 54.7	-106.6	44.9	115.7	907	0.0	29.6	-13.1	74.7*	81.1	50.0	49.1	21.2	21.2	3.4
19:51:59	28 46.2	-91 54.7	440.1	456.8	10043*	926	28.6	-13.2	-4.6	74.5	77.6*	0.0	38.8	111.3	76.6	39.9

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:52:30	28 45.7	-91 56.7	-115.9	-6.5	116.1	882	266.9	2.0	-1.9	912.7	2.4*	28.8	28.0	-16.9	-18.8	0.5
19:52:30	28 49.0	-91 55.3	-116.3	-6.3	116.5	894	266.8	1.8	-2.0	262.6	3.8*	29.1	28.3	19.2	19.2	0.0
19:52:30	28 46.3	-91 56.8	-115.4	-6.8	115.6	881	0.0	23.3	-16.2	76.5*	82.6	50.0	49.1	20.8	20.8	3.2
19:52:29	28 46.3	-91 56.8	441.2	457.9	10043*	903	28.3	-11.2	-4.3	75.9	80.0*	0.0	38.8	87.1	76.1	40.0
19:53:00	28 45.6	-91 58.7	-111.8	-7.9	112.1	921	265.5	2.2	-0.6	908.9	2.4*	28.2	27.4	-16.9	-18.8	0.5
19:53:00	28 48.9	-91 57.4	-112.3	-7.7	112.6	931	265.4	2.1	-0.7	262.7	3.8*	28.5	27.7	18.9	18.9	0.0
19:53:00	28 46.2	-91 58.7	-111.2	-8.5	111.5	922	0.0	26.9	-11.9	69.5*	74.9	50.0	49.1	20.0	20.0	3.3
00:00:00	28 46.2	-91 58.9	440.3	457.0	10042*	940	28.0	-5.3	-2.1	68.5	72.5*	0.0	38.8	86.3	72.1	40.0
19:53:30	28 45.5	-92 0.8	-112.1	-4.6	112.2	917	267.8	2.4	-0.7	909.4	2.4*	28.3	27.5	-16.9	-18.9	0.5
19:53:30	28 48.8	-91 59.5	-112.6	-4.4	112.7	926	267.5	2.3	-0.8	262.6	3.8*	28.5	27.7	19.1	19.1	0.0
19:53:30	28 46.1	-92 0.9	-111.6	-5.0	111.7	931	0.0	25.3	-13.2	71.9*	77.8	50.0	49.1	20.8	20.8	3.3
19:53:29	28 46.1	-92 0.9	440.4	457.1	10043*	936	28.5	-10.8	-4.1	71.2	75.2*	0.0	38.8	87.9	72.2	40.0
19:54:00	28 45.4	-92 2.9	-113.6	-4.1	113.7	902	268.3	2.0	-1.0	910.9	2.4*	28.4	27.6	-16.9	-18.9	0.5
19:54:00	28 48.7	-92 1.6	-114.1	-3.9	114.1	909	267.9	1.9	-1.2	262.6	3.8*	28.7	27.9	19.5	19.5	0.0
19:54:00	28 46.0	-92 3.0	-113.0	-4.5	113.1	919	0.0	24.1	-14.7	74.0*	79.7	50.0	49.1	21.1	21.1	3.3
19:53:59	28 46.0	-92 3.0	440.6	457.3	10043*	921	29.4	-9.3	-2.4	72.4	77.2*	0.0	38.8	88.0	73.7	40.0
19:54:30	28 45.4	-92 5.0	-113.8	-3.9	113.8	901	267.8	2.2	-0.6	911.0	2.4*	28.2	27.4	-16.9	-18.8	0.5
19:54:30	28 48.6	-92 3.7	-114.2	-3.7	114.3	909	267.8	2.0	-0.7	262.6	3.8*	28.6	27.8	19.9	19.9	0.0
19:54:30	28 45.9	-92 5.1	-113.2	-4.3	113.3	918	0.0	23.3	-14.8	73.6*	79.1	50.0	49.1	21.4	21.4	3.3
19:54:29	28 45.9	-92 5.1	440.3	457.0	10043*	920	29.0	-8.0	-2.0	72.5	76.6*	0.0	38.8	88.3	73.9	40.0
19:55:00	28 45.3	-92 7.1	-113.8	-4.2	113.9	901	267.9	2.2	-0.7	910.9	2.4*	27.8	27.0	-16.9	-18.9	0.5
19:55:00	28 48.6	-92 5.8	-114.2	-4.0	114.3	909	267.8	2.0	-0.9	262.6	3.8*	28.1	27.3	20.3	20.3	0.0
19:55:00	28 45.9	-92 7.1	-113.2	-4.5	113.3	921	0.0	23.8	-14.4	73.0*	78.6	50.0	49.1	21.7	21.7	3.4
19:54:59	28 45.9	-92 7.2	439.7	456.4	10043*	921	28.7	-8.0	-2.1	72.0	76.1*	0.0	38.8	88.1	74.0	39.9
19:55:30	28 45.2	-92 9.2	-113.4	-3.8	113.4	900	267.8	2.5	-0.8	911.0	2.4*	27.7	26.9	-16.9	-18.9	0.5
19:55:30	28 48.5	-92 7.9	-113.8	-3.6	113.9	908	267.5	2.3	-1.0	262.6	3.8*	28.0	27.3	20.2	20.2	0.0
19:55:30	28 45.8	-92 9.2	-112.8	-4.1	112.8	922	0.0	24.3	-14.0	72.2*	77.8	50.0	49.1	21.5	21.5	3.5
19:55:29	28 45.8	-92 9.2	439.6	456.2	10043*	921	28.6	-9.4	-2.6	71.5	75.3*	0.0	38.8	88.5	73.5	39.9
19:56:00	28 45.2	-92 11.3	-113.2	-3.8	113.2	900	268.0	2.3	-0.9	910.8	2.4*	28.0	27.2	-16.9	-18.9	0.5
19:56:00	28 48.4	-92 10.0	-113.6	-3.6	113.7	910	267.7	2.1	-1.0	262.6	3.8*	28.3	27.5	20.1	20.1	0.0
19:56:00	28 45.7	-92 11.3	-112.6	-4.0	112.7	921	0.0	23.7	-14.5	72.9*	78.5	50.0	49.1	21.6	21.6	3.4
19:55:59	28 45.7	-92 11.3	439.9	456.6	10043*	923	29.0	-9.4	-2.5	71.5	76.1*	0.0	38.8	88.4	73.3	39.9
19:56:30	28 45.1	-92 13.3	-112.7	-3.6	112.7	898	268.0	2.5	-0.8	911.0	2.4*	27.4	26.6	-16.9	-18.9	0.5
19:56:30	28 48.4	-92 12.1	-113.1	-3.4	113.2	907	267.9	2.3	-0.9	262.6	3.8*	27.8	27.0	20.9	20.9	0.0
19:56:30	28 45.7	-92 13.4	-112.0	-3.8	112.1	916	0.0	25.0	-13.5	71.6*	77.2	50.0	49.1	21.8	21.8	3.5
19:56:29	28 45.7	-92 13.4	439.2	455.8	10043*	920	29.1	-9.1	-2.4	70.8	74.7*	0.0	38.8	88.6	72.9	39.9
19:57:00	28 45.1	-92 15.4	-113.3	-3.1	113.3	900	267.9	2.3	-0.7	910.9	2.4*	27.4	26.6	-16.9	-18.8	0.5
19:57:00	28 48.3	-92 14.1	-113.7	-2.9	113.7	910	267.8	2.2	-0.9	262.6	3.8*	27.7	26.9	20.9	20.9	0.0
19:57:00	28 45.6	-92 15.4	-112.6	-3.4	112.6	917	0.0	24.9	-13.4	71.3*	76.9	50.0	49.1	21.9	21.9	3.5
19:56:59	28 45.6	-92 15.5	439.1	455.7	10043*	922	29.0	-10.5	-2.9	70.6	74.4*	0.0	38.8	89.0	73.5	39.9

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:57:30	28 45.0	-92 17.5	-113.7	1.4	113.7	901	270.6	2.2	-0.8	910.8	2.4*	27.3	26.5	-16.9	-18.8	0.5
19:57:30	28 48.3	-92 16.2	-114.1	1.6	114.1	910	270.3	2.1	-0.9	262.6	3.8*	27.6	26.8	21.1	21.1	0.0
19:57:30	28 45.6	-92 17.5	-113.0	1.1	113.0	917	0.0	24.7	-14.0	72.5*	78.2	50.0	49.1	22.2	22.2	3.6
19:57:29	28 45.6	-92 17.5	438.9	455.5	10043*	922	28.6	-9.7	-2.7	71.1	75.6*	0.0	38.8	91.0	73.8	39.9
19:58:00	28 45.1	-92 19.6	-114.0	2.6	114.0	899	270.6	2.2	-0.6	910.8	2.4*	27.5	26.7	-16.9	-18.9	0.5
19:58:00	28 48.4	-92 18.4	-114.4	2.8	114.4	909	270.2	2.0	-0.7	262.6	3.8*	27.8	27.0	20.8	20.8	0.0
19:58:00	28 45.6	-92 19.6	-113.3	2.4	113.3	917	0.0	23.9	-14.4	72.7*	78.3

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:02:30	28 45.3	-92 38.5	-113.7	-2.9	113.7	901	268.9	2.1	-0.9	910.8	2.4*	28.0	27.2	-16.9	-18.9	0.5
20:02:30	28 48.6	-92 37.3	-114.0	-2.7	114.0	910	268.8	1.9	-1.0	262.6	3.8*	28.3	27.5	19.5	19.5	0.0
20:02:30	28 45.9	-92 38.4	-112.9	-2.9	112.9	918	0.0	22.8	-15.5	74.6*	80.2	50.0	49.1	21.1	21.1	3.4
20:02:29	28 45.9	-92 38.4	440.0	456.7	10043*	921	28.8	-9.0	-2.5	73.7	77.8*	0.0	38.8	88.6	73.8	40.0
20:03:00	28 45.3	-92 40.6	-113.4	-3.1	113.4	902	269.0	2.2	-1.0	910.8	2.4*	28.1	27.3	-16.9	-18.9	0.5
20:03:00	28 48.6	-92 39.4	-113.6	-2.9	113.7	911	268.9	2.0	-1.2	262.6	3.8*	28.4	27.6	19.4	19.4	0.0
20:03:00	28 45.8	-92 40.5	-112.6	-3.0	112.6	919	0.0	23.5	-14.8	73.6*	79.3	50.0	49.1	21.1	21.1	3.4
20:02:59	28 45.8	-92 40.5	440.2	456.8	10043*	921	28.9	-9.3	-2.5	73.1	76.8*	0.0	38.8	88.3	73.5	40.0
20:03:30	28 45.2	-92 42.7	-113.7	-3.2	113.7	902	268.8	2.0	-0.7	910.6	2.4*	28.2	27.4	-16.9	-18.9	0.5
20:03:30	28 48.5	-92 41.5	-113.9	-3.0	114.0	912	268.4	1.9	-0.8	262.6	3.8*	28.5	27.7	19.1	19.1	0.0
20:03:30	28 45.8	-92 42.6	-112.9	-3.1	112.9	920	0.0	23.2	-15.0	73.6*	79.2	50.0	49.1	20.6	20.6	3.3
20:03:29	28 45.8	-92 42.6	440.3	457.0	10043*	923	29.1	-8.4	-2.2	73.0	76.7*	0.0	38.8	88.4	73.8	40.0
20:04:00	28 45.2	-92 44.8	-113.7	-3.7	113.7	900	269.0	2.2	-1.1	910.8	2.4*	28.3	27.5	-16.9	-18.9	0.5
20:04:00	28 48.5	-92 43.6	-113.9	-3.5	113.9	910	268.7	2.0	-1.2	262.6	3.8*	28.6	27.8	19.0	19.0	0.0
20:04:00	28 45.7	-92 44.6	-112.8	-3.6	112.9	920	0.0	23.3	-14.8	73.3*	78.9	50.0	49.1	20.8	20.8	3.3
20:03:59	28 45.7	-92 44.7	440.4	457.1	10043*	921	29.0	-8.7	-2.4	72.7	76.6*	0.0	38.8	87.8	73.8	39.9
20:04:30	28 45.1	-92 46.9	-113.7	-3.4	113.7	898	268.8	2.4	-0.8	911.0	2.4*	28.1	27.3	-16.9	-18.9	0.5
20:04:30	28 48.4	-92 45.7	-113.9	-3.2	113.9	908	268.7	2.2	-1.0	262.6	3.8*	28.4	27.6	19.4	19.4	0.0
20:04:30	28 45.6	-92 46.7	-112.9	-3.3	112.9	917	0.0	24.2	-14.3	72.9*	78.5	50.0	49.1	21.0	21.0	3.4
20:04:29	28 45.6	-92 46.7	440.1	456.8	10043*	919	29.0	-8.9	-2.4	71.8	76.1*	0.0	38.8	88.2	73.8	39.9
20:05:00	28 45.1	-92 49.0	-113.2	-3.8	113.3	901	269.0	2.2	-1.0	910.7	2.4*	28.1	27.3	-16.9	-18.9	0.5
20:05:00	28 48.4	-92 47.8	-113.4	-3.5	113.4	910	268.9	2.0	-1.2	262.6	3.8*	28.4	27.6	19.0	19.0	0.0
20:05:00	28 45.6	-92 48.8	-112.4	-3.6	112.4	921	0.0	23.4	-14.9	73.6*	79.3	50.0	49.1	20.8	20.8	3.4
20:04:59	28 45.6	-92 48.8	440.2	456.9	10043*	921	29.1	-10.1	-2.8	72.4	76.8*	0.0	38.8	87.9	73.3	39.9
20:05:30	28 45.0	-92 51.1	-112.9	-3.1	112.9	900	268.8	2.3	-0.7	910.8	2.4*	28.0	27.2	-16.9	-18.9	0.5
20:05:30	28 48.3	-92 49.9	-113.1	-2.8	113.1	910	268.4	2.2	-0.9	262.6	3.8*	28.4	27.6	19.2	19.2	0.0
20:05:30	28 45.5	-92 50.9	-112.1	-2.8	112.1	923	0.0	24.1	-14.0	72.0*	77.5	50.0	49.1	20.8	20.8	3.4
20:05:29	28 45.5	-92 50.9	440.0	456.7	10043*	920	28.9	-8.7	-2.3	71.3	75.1*	0.0	38.8	88.5	73.0	39.9
20:06:00	28 45.0	-92 53.1	-113.0	-3.9	113.0	900	269.0	2.3	-1.1	910.9	2.4*	27.7	26.9	-16.9	-18.9	0.5
20:06:00	28 48.3	-92 52.0	-113.1	-3.7	113.2	910	268.6	2.1	-1.2	262.6	3.8*	28.0	27.2	19.6	19.6	0.0
20:06:00	28 45.5	-92 52.9	-112.1	-3.7	112.2	920	0.0	23.7	-14.1	71.7*	77.3	50.0	49.1	21.3	21.3	3.5
20:05:59	28 45.5	-92 52.9	439.6	456.2	10043*	921	28.9	-10.4	-2.9	71.2	74.8*	0.0	38.8	87.8	73.1	39.9
20:06:30	28 44.9	-92 55.2	-112.8	-3.7	112.8	898	269.0	2.4	-1.2	911.0	2.4*	27.8	27.0	-16.9	-18.9	0.5
20:06:30	28 48.2	-92 54.1	-112.9	-3.4	112.9	908	268.9	2.2	-1.3	262.6	3.8*	28.2	27.4	19.1	19.1	0.0
20:06:30	28 45.4	-92 55.0	-112.0	-3.4	112.0	919	0.0	23.7	-14.2	72.1*	77.7	50.0	49.1	20.7	20.7	3.4
20:06:29	28 45.4	-92 55.0	439.7	456.4	10043*	920	28.5	-10.1	-2.8	71.3	75.2*	0.0	38.8	88.0	72.9	39.9
20:07:00	28 44.8	-92 57.3	-112.0	-3.7	112.1	897	268.9	2.5	-0.9	911.0	2.4*	27.7	26.9	-16.9	-18.9	0.5
20:07:00	28 48.2	-92 56.2	-112.1	-3.5	112.1	907	268.7	2.3	-1.1	262.6	3.8*	28.0	27.2	19.0	19.0	0.0
20:07:00	28 45.4	-92 57.0	-111.2	-3.4	111.2	917	0.0	24.4	-13.6	71.3*	76.8	50.0	49.1	20.7	20.7	3.5
20:06:59	28 45.4	-92 57.1	439.5	456.2	10043*	920	28.6	-9.0	-2.5	70.4	74.3*	0.0	38.8	87.9	72.2	39.9

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:07:30	28 44.8	-92 59.3	-112.3	-3.3	112.4	898	269.4	2.5	-0.9*	911.0	2.4*	27.7	26.9	-16.9	-18.9	0.5
20:07:30	28 48.1	-92 58.2	-112.4	-3.1	112.5	906	269.0	2.3	-1.1	262.6	3.8*	28.1	27.3	19.1	19.1	0.0
20:07:30	28 45.3	-92 59.1	-111.5	-3.0	111.5	919	0.0	25.6	-12.7	70.0*	75.6	50.0	49.1	20.9	20.9	3.5
20:07:29	28 45.3	-92 59.1	439.6	456.2	10043*	920	28.2	-10.3	-2.9	68.9	73.1*	0.0	38.8	88.0	72.5	39.9
20:08:00	28 44.7	-93 1.4	-111.5	-4.2	111.6	836	269.6	-1.0	-1.7	917.7	2.4*	27.7	26.9	-16.9	-18.9	0.5
20:08:00	28 48.1	-93 0.3	-111.6	-4.0	111.6	844	269.2	-1.1	-1.9	262.6	3.8*	28.0	27.2	20.0	20.0	0.0
20:08:00	28 45.3	-93 1.2	-110.8	-3.9	110.8	861	0.0	27.4	-11.7	69.3*	75.0	50.0	49.1	21.3	21.3	3.5
20:07:59	28 45.3	-93 1.2	439.5	456.2	10043*	860	28.6	-11.4	-3.3	68.1	72.9*	0.0	38.8	87.2	71.8	39.9
20:08:30	28 44.7	-93 3.4	-106.7	-3.3	106.8	611	269.6	-0.9	-1.5	941.3	2.4*	29.2	28.4	-16.9	-18.9	0.5
20:08:30	28 48.0	-93 2.3	-106.7	-3.0	106.8	624	269.5	-1.0	-1.6	262.6	3.8*	29.5	28.7	20.2	20.2	0.0
20:08:30	28 45.2	-93 3.2	-106.0	-2.9	106.1	636	0.0	30.7	-8.3	64.2*	69.6	50.0	49.1	21.5	21.5	3.1
20:08:29	28 45.2	-93 3.2	441.7	458.5	10043*	639	29.6	-9.7	-2.7	62.8	67.6*	0.0	38.7	87.8	67.0	40.0
20:09:00	28 45.0	-93 5.3	-89.6	52.2	103.7	551	301.0*	5.3*	20.4*	946.7	2.4*	29.4	28.6	-16.9	-18.9	0.5
20:09:00	28 48.3	-93 4.2	-89.7	52.5	103.9	570	300.8*	5.1*	20.1*	262.6	3.8*	29.7	28.9	20.6	20.6	0.0
20:09:00	28 45.5	-93 5.0	-89.6	50.6	102.9	568	0.0	27.5	-9.5	64.4*	67.9	50.0	49.1	21.2	21.2	3.1
20:08:59	28 45.5	-93 5.0	442.0	458.8	10043*	575	29.6	12.4	4.8	61.5	66.0*	0.0	38.8	119.5	63.7	40.0
20:09:30	28 46.4	-93 6.1	24.5	103.5	106.4	744	13.5*	5.7*	28.9*	925.7	2.4*	28.6	27.8	-16.9	-18.9	0.5
20:09:30	28 49.8	-93 4.9	24.4	104.0	106.9	756	13.3*	5.5*	28.8*	262.6	3.8*	29.0	28.2	18.9	18.9	0.0
20:09:30	28 46.9	-93 5.8	21.7	104.7	107.0	759	0.0	34.2	-7.9	66.2*	70.3	50.0	49.1	20.5	20.5	3.3
20:09:29	28 46.9	-93 5.8	440.9	457.6	10043*	764	28.8	9.4	4.2	63.2	68.7*	0.0	38.8	193.7	66.5	40.0
20:10:00	28 47.4	-93 4.5	115.3	7.1	115.5	881	85.4*	3.6	23.6	911.9	2.4*	28.1	27.3	-16.9	-18.9	0.5
20:10:00	28 50.8	-93 3.4	115.4	7.8	115.6	891	85.4*	3.4	23.4	262.6	3.8*	28.4	27.6	19.2	19.2	0.0
20:10:00	28 48.0	-93 4.3	115.9	10.3	116.3	896	0.0	21.2	-15.2	72.9*	77.2	50.0	49.1	20.8	20.8	3.4
20:09:59	28 48.0	-93 4.3	440.1	456.8	10043*	900	27.9	8.4	2.8	70.4	75.4*	0.0	38.8	267.0	75.6	39.9
20:10:30	28 46.8	-93 2.6	86.5	-79.9	117.7	922	133.8*	4.3	22.7*	907.4	2.4*	27.9	27.1	-16.9	-18.9	0.5
20:10:30	28 50.1	-93 1.4	86.7	-79.3	117.5	930	133.5*	4.2	22.6*	262.6	3.8*	28.2	27.4	18.8	18.8	0.0
20:10:30	28 47.4	-93 2.3	90.0	-77.1	118.5	936	0.0	34.1	-9.5	73.3*	79.2	50.0	49.1	21.1	21.1	3.4
20:10:29	28 47.4	-93 2.3	439.8	456.5	10043*	940	28.6	-6.7	-1.4	72.1	77.2*	0.0	38.8	313.0	77.8	39.9
20:11:00	28 45.2	-93 1.4	60.4	-101.5	118.1	906	149.3	1.5	-0.3	910.1	2.4*	27.9	27.1	-16.9	-18.8	0.5
20:11:00	28 48.6	-93 0.3	60.7	-101.0	117.8	915	149.1	1.3	-0.4	262.6	3.8*	28.2	27.4	19.1	19.1	0.0
20:11:00	28 45.8	-93 1.1	61.4	-100.9	118.1	921	0.0	22.7	-15.0	73.0*	78.6	50.0	49.1	20.7	20.7	3.4
20:10:59	28 45.8	-93 1.1	439.8	456.4	10043*	926	28.8	-7.9	-2.1	71.2	76.2*	0.0	38.8	329.4	78.2	39.9
20:11:30	28 43.5	-93 0.3	60.6	-100.7	117.5	901	149.0	2.2	-1.1	910.7	2.4*	28.1	27.3	-16.9	-18.9	0.4
20:11:30	28 46.9	-92 59.1	61.0	-100.2	117.3	910	149.0	2.0	-1.3	262.6	3.8*	28.4	27.6	19.0	19.0	0.0
20:11:30	28 44.2	-92 60.0	61.6	-100.2	117.6	917	0.0	22.3	-15.3	73.3*	78.8	50.0	49.1	20.8	20.8	3.4
20:11:29	28 44.1	-92 60.0	440.1	456.8	10044*	920	28.5	-6.2	-1.5	72.0	76.5*	0.0	38.7	329.0	77.6	39.9
20:12:00	28 41.9	-92 59.1	80.2	-85.4	117.2	903	135.9*	2.5	-23.0*	910.9	2.4*	27.9	27.1	-16.9	-18.9	0.4
20:12:00	28 45.3	-92 58.0	80.6	-84.8	117.0	913	135.5*	2.3	-23.1*	262.6	3.8*	28.2	27.4	19.3	19.3	0.0
20:12:00	28 42.5	-92 58.8	79.0	-86.9	117.4	925	0.0	26.7	-13.5	73.7*	79.4	50.0	49.1	21.2	21.2	3.4
20:11:59	28 42.5	-92 58.8	439.8	456.5	10044*	921	28.7	-6.4	-2.0	72.4	76.1*	0.0	38.8	316.8	77.3	39.9

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:12:30	28 40.7	-92 57.5	89.2	-76.3	117.4	900	130.5	1.9	-0.8	910.7	2.4*	27.8	27.0	-16.9	-18.9	0.5
20:12:30	28 44.1	-92 56.3	89.6	-75.7	117.3	908	130.2	1.8	-0.9	262.6	3.8*	28.1	27.3	19.8	19.8	0.0
20:12:30	28 41.3	-92 57.2	90.2	-75.7	117.7	919	0.0	22.7	-15.6	74.6*	80.3	50.0	49.1	21.5	21.5	3.4
20:12:29	28 41.3	-92 57.1	439.6	456.3	10043*	919	28.9	-8.5	-2.3	73.0	77.9*	0.0	38.8	310.7	77.4	39.9
20:13:00	28 39.4	-92 55.8	90.2	-76.0	118.0	901	130.5	1.9	-1.0	910.7	2.4*	27.7	26.9	-16.9	-18.9	0.4
20:13:00	28 42.9	-92 54.7	90.6	-75.4	117.9	911	130.2	1.7	-1.2	262.6	3.8*	28.0	27.2	19.9	19.9	0.0
20:13:00	28 40.1	-92 55.5	91.2	-75.4	118.3	917	0.0	23.1	-15.2	73.9*	79.6	50.0	49.1	21.4	21.4	3.5
20:12:59	28 40.1	-92 55.5	439.6	456.2	10043*	919	28.6	-9.0	-2.5	72.9	77.2*	0.0	38.7	310.1	78.1	39.9
20:13:30	28 38.2	-92 54.2	89.8	-76.7	118.1	901	130.3	1.9	-0.6	910.6	2.4*	27.8	27.0	-16.9	-18.8	0.4
20:13:30	28 41.6	-92 53.0	90.2	-76.0	118.0	912	130.4	1.7	-0.8	262.6	3.8*	28.1	27.3	20.3	20.3	0.0
20:13:30	28 38.9	-92 53.8	90.8	-76.0	118.4	915	0.0	21.4	-16.5	75.2*	81.0	50.0	49.1	21.5	21.5	3.4
20:13:29	28 38.8	-92 53.8	439.7	456.4	10043*	920	28.8	-8.9	-2.4	74.1	78.6*	0.0	38.8	310.8	78.1	39.9
20:14:00	28 36.9	-92 52.6	78.7	-87.7	117.8	900	138.5	2.0	1.2	910.7	2.4*	28.1	27.3	-16.9	-18.9	0.5
20:14:00	28 40.3	-92 51.4	79.1	-87.1	117.6	911	138.2	1.8	0.9	262.6	3.8*	28.4	27.6	19.4	19.4	0.0
20:14:00	28 37.6	-92 52.2	79.8	-86.9	118.0	914	0.0	21.9	-16.1	75.1*	80.8	50.0	49.1	21.1	21.1	3.4
20:13:59	28 37.5	-92 52.2	440.1	456.8	10043*	917	28.9	-7.5	-1.9	73.7	78.4*	0.0	38.8	318.1	77.8	40.0
20:14:30	28 35.4	-92 51.2	77.1	-87.4	116.5	900	139.4	2.3	-1.2	910.8	2.4*	28.3	27.5	-16.9	-18.9	0.4
20:14:30	28 38.9	-92 50.0	77.5	-86.8	116.4	910	139.0	2.2	-1.4	262.6	3.8*	28.6	27.8	18.7	18.7	0.0
20:14:30	28 36.1	-92 50.8	78.0	-86.8	116.7	922	0.0	22.9	-15.0	73.1*	78.8	50.0	49.1	20.5	20.5	3.3
20:14:29	28 36.1	-92 50.8	440.4	457.1	10043*	917	29.1	-9.5	-2.6	72.4	76.4*	0.0	38.8	318.4	76.6	39.9
20:15:00	28 34.0	-92 49.8	76.8	-87.4	116.4	902	139.1	2.1	-1.0	910.6	2.4*	28.2	27.4	-16.9	-18.9	0.4
20:15:00	28 37.5	-92 48.6	77.2	-86.8	116.2	912	138.8	1.9	-1.1	262.6	3.8*	28.5	27.7	18.6	18.6	0.0
20:15:00	28 34.7	-92 49.3	77.7	-86.8	116.5	924	0.0	23.0	-14.9	73.1*	78.8	50.0	49.1	20.4	20.4	3.4
20:14:59	28 34.7	-92 49.3	440.2	456.9	10043*	919	29.2	-10.0	-2.8	72.1	76.4*	0.0	38.8	318.8	76.4	40.0
20:15:30	28 32.6	-92 48.4	75.9	-87.1	115.5	899	139.3	2.4	-1.1	910.8	2.4*	28.3	27.5	-16.9	-18.9	0.4
20:15:30	28 36.1	-92 47.2	76.3	-86.5	115.4	909	139.3	2.2	-1.3	262.6	3.8*	28.6	27.8	18.3	18.3	0.0
20:15:30	28 33.3	-92 47.9	76.7	-86.5	115.6	919	0.0	23.1	-14.8	72.8*	78.4	50.0	49.1	20.3	20.3	3.3
20:15:29	28 33.3	-92 47.9	440.4	457.1	10043*	915	28.7	-9.0	-2.5	71.8	76.0*	0.0	38.8	319.0	75.6	39.9
20:16:00	28 31.2	-92 47.0	75.7	-87.0	115.3	901	139.4	2.3	-1.3	910.8	2.4*	27.6	26.8	-16.9	-18.9	0.4
20:16:00	28 34.7	-92 45.8	76.2	-86.4	115.2	911	139.1	2.1	-1.4	262.6	3.8*	27.9	27.1	19.9	19.9	0.0
20:16:00	28 31.9	-92 46.5	76.6	-86.3	115.4	921	0.0	23.6	-13.9	71.9*	77.6	50.0	49.1	20.9	20.9	3.5
20:15:59	28 31.9	-92 46.5	439.4	456.0	10043*	917	27.7	-10.7	-3.9	71.1	75.2*	0.0	38.8	319.1	75.4	39.9
20:16:30	28 29.8	-92 45.6	75.1	-86.5	114.6	902	139.2	1.8	-1.0	910.5	2.4*	27.9	27.1	-16.9	-18.9	0.4
20:16:30	28 33.3	-92 44.4	75.6	-85.9	114.4	911	138.9	1.7	-1.2	262.6	3.8*	28.1	27.3	21.5	21.5	0.0
20:16:30	28 30.5	-92 45.1	76.0	-85.8	114.6	921	0.0	24.1	-14.3	73.1*	79.1	50.0	49.1	22.7	22.7	3.4
20:16:29	28 30.5	-92 45.1	439.8	456.5	10043*	917	21.9	-10.9	-3.9	71.9	76.8*	0.0	38.8	319.3	74.7	39.9
20:17:00	28 28.4	-92 44.2	76.6	-86.8	115.8	897	138.4	2.0	-0.9	910.8	2.4*	27.8	27.0	-16.9	-18.9	0.5
20:17:00	28 31.9	-92 43.0	77.2	-86.2	115.7	906	138.2	1.8	-1.1	262.6	3.8*	28.1	27.3	20.6	20.6	0.0
20:17:00	28 29.1	-92 43.7	77.4	-86.1	115.8	916	0.0	22.5	-15.9	74.2*	79.9	50.0	49.1	21.7	21.7	3.4
20:16:59	28 29.1	-92 43.7	439.7	456.4	10043*	914	29.6	-9.2	-2.5	72.9	77.6*	0.0	38.8	318.9	75.9	39.9

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:17:30	28 27.0	-92 42.8	76.9	-86.5	115.8	897	138.5	2.1	-0.9	910.9	2.4*	27.9	27.2	-16.9	-18.9	0.5
20:17:30	28 30.5	-92 41.6	77.4	-85.9	115.7	905	138.6	2.0	-1.1	262.6	3.8*	28.3	27.5	20.5	20.5	0.0
20:17:30	28 27.7	-92 42.3	77.7	-85.8	115.7	920	0.0	22.5	-15.5	74.0*	79.8	50.0	49.1	21.9	21.9	3.4
20:17:29	28 27.7	-92 42.3	439.9	456.6	10043*	915	29.9	-10.2	-2.8	73.1	77.3*	0.0	38.8	318.6	75.9	39.9
20:18:00	28 25.6	-92 41.4	76.3	-85.7	114.8	901	138.3	2.1	-0.9	910.5	2.4*	27.9	27.2	-16.9	-18.9	0.5
20:18:00	28 29.1	-92 40.1	76.9	-85.1	114.7	910	138.0	2.0	-1.1	262.6	3.8*	28.3	27.5	20.2	20.2	0.0
20:18:00	28 26.3	-92 40.9	77.1	-84.9	114.7	916	0.0	22.6	-15.2	73.5*	79.2

A/C 43, Flgt 060911I, Micro99 date 2006/09/11, Proj TexAQS Run on Fri Mar 23 10:34:50 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
20:22:30	28	13.1	-92	28.8	76.4	-84.8	114.2	901	138.4	2.2	-1.1	910.7	2.4*	27.7	26.9	-16.9	-18.9	0.5
20:22:30	28	16.7	-92	27.4	77.2	-84.1	114.2	911	138.1	2.1	-1.2	262.6	3.8*	28.0	27.2	20.8	20.8	0.0
20:22:30	28	14.0	-92	28.2	76.9	-84.0	113.9	915	0.0	23.4	-14.2	71.6*	77.2	50.0	49.1	21.8	21.8	3.5
20:22:29	28	14.0	-92	28.2	439.5	456.2	10043*	918	29.0	-9.0	-2.5	70.5	74.8*	0.0	38.8	318.0	74.3	39.9
20:23:00	28	11.7	-92	27.4	76.6	-84.4	114.0	901	138.4	2.3	-1.1	910.7	2.4*	27.9	27.1	-16.9	-18.8	0.5
20:23:00	28	15.4	-92	26.0	77.4	-83.7	114.0	910	138.1	2.1	-1.2	262.6	3.8*	28.2	27.4	20.2	20.2	0.0
20:23:00	28	12.6	-92	26.8	77.1	-83.5	113.7	915	0.0	23.0	-14.5	71.9*	77.5	50.0	49.1	21.6	21.6	3.4
20:22:59	28	12.6	-92	26.7	439.8	456.5	10043*	918	28.9	-9.2	-2.5	70.7	75.0*	0.0	38.8	317.7	74.1	39.9
20:23:30	28	10.4	-92	26.0	76.5	-84.1	113.7	900	138.3	2.3	-1.0	910.8	2.4*	28.1	27.3	-16.9	-18.9	0.5
20:23:30	28	14.0	-92	24.6	77.3	-83.3	113.7	909	138.3	2.1	-1.1	262.6	3.8*	28.4	27.6	19.0	19.0	0.0
20:23:30	28	11.3	-92	25.3	76.9	-83.2	113.3	920	0.0	22.5	-14.9	72.4*	78.1	50.0	49.1	20.9	20.9	3.4
20:23:29	28	11.3	-92	25.3	440.1	456.8	10044*	917	29.1	-8.8	-2.4	71.1	75.7*	0.0	38.7	317.6	73.8	39.9
20:24:00	28	9.0	-92	24.6	76.4	-83.9	113.4	901	138.4	2.1	-0.9	910.6	2.4*	28.0	27.2	-16.9	-18.9	0.5
20:24:00	28	12.7	-92	23.2	77.1	-83.1	113.4	911	138.1	2.0	-1.1	262.6	3.8*	28.3	27.5	19.6	19.6	0.0
20:24:00	28	9.9	-92	23.9	76.7	-82.9	113.0	922	0.0	22.5	-15.1	72.8*	78.5	50.0	49.1	21.2	21.2	3.4
20:23:59	28	9.9	-92	23.9	439.9	456.6	10043*	918	29.1	-8.8	-2.4	71.4	76.1*	0.0	38.8	317.5	73.5	39.9
20:24:30	28	7.6	-92	23.2	77.0	-84.0	113.9	901	138.4	2.1	-0.9	910.7	2.4*	28.1	27.3	-16.9	-18.9	0.5
20:24:30	28	11.3	-92	21.8	77.8	-83.3	113.9	910	138.0	2.0	-1.1	262.6	3.8*	28.4	27.6	19.3	19.3	0.0
20:24:30	28	8.6	-92	22.5	77.3	-83.1	113.5	921	0.0	22.3	-15.0	72.4*	78.0	50.0	49.1	21.1	21.1	3.4
20:24:29	28	8.6	-92	22.5	440.1	456.8	10044*	918	29.5	-9.6	-2.7	71.4	75.7*	0.0	38.7	317.3	74.1	39.9
20:25:00	28	6.3	-92	21.8	77.6	-84.3	114.6	901	138.5	2.0	-1.1	910.6	2.4*	28.1	27.3	-16.9	-18.9	0.5
20:25:00	28	10.0	-92	20.3	78.4	-83.6	114.6	910	138.2	1.9	-1.3	262.6	3.8*	28.4	27.6	19.9	19.9	0.0
20:25:00	28	7.2	-92	21.1	77.9	-83.3	114.1	920	0.0	22.6	-15.0	72.9*	78.6	50.0	49.1	21.3	21.3	3.4
20:24:59	28	7.2	-92	21.1	440.1	456.8	10043*	918	29.7	-10.2	-2.8	71.6	76.2*	0.0	38.8	317.1	74.7	39.9
20:25:30	28	4.9	-92	20.4	77.3	-85.0	114.9	900	138.3	2.1	-0.8	910.6	2.4*	28.2	27.4	-16.9	-18.8	0.5
20:25:30	28	8.6	-92	18.9	78.1	-84.2	114.9	909	138.3	1.9	-1.0	262.6	3.8*	28.5	27.8	19.5	19.5	0.0
20:25:30	28	5.9	-92	19.7	77.6	-84.0	114.3	919	0.0	22.6	-15.2	73.4*	79.1	50.0	49.1	21.1	21.1	3.3
20:25:29	28	5.9	-92	19.7	440.3	457.0	10043*	918	29.4	-9.3	-2.5	72.1	76.7*	0.0	38.8	317.7	74.9	40.0
20:26:00	28	3.5	-92	19.0	77.5	-85.4	115.3	902	138.5	2.7*	-2.2*	910.5	2.4*	28.3	27.5	-16.9	-18.9	0.5
20:26:00	28	7.2	-92	17.5	78.4	-84.6	115.3	910	138.1	1.9	-1.3	262.6	3.8*	28.6	27.8	19.7	19.7	0.0
20:26:00	28	4.5	-92	18.3	77.8	-84.4	114.8	925	0.0	22.3	-15.5	73.5*	79.2	50.0	49.1	21.5	21.5	3.3
20:25:59	28	4.5	-92	18.3	440.5	457.2	10043*	919	29.2	-9.3	-2.6	72.2	76.8*	0.0	38.8	317.6	75.4	39.9
20:26:30	28	2.1	-92	17.5	77.8	-86.0	115.9	901	138.4	2.0	-1.2	910.5	2.4*	28.3	27.5	-16.9	-18.9	0.5
20:26:30	28	5.9	-92	16.0	78.7	-85.2	116.0	910	138.1	1.9	-1.3	262.6	3.8*	28.6	27.8	19.8	19.8	0.0
20:26:30	28	3.1	-92	16.8	78.0	-85.0	115.4	926	0.0	22.3	-15.5	73.8*	79.5	50.0	49.1	21.4	21.4	3.3
20:26:29	28	3.1	-92	16.8	440.4	457.1	10044*	918	30.2	-9.0	-2.5	72.2	77.1*	0.0	38.7	317.8	76.0	39.9
20:27:00	28	0.7	-92	16.1	78.0	-86.0	116.2	902	138.4	2.0	-0.8	910.5	2.4*	28.4	27.6	-16.9	-18.9	0.5
20:27:00	28	4.5	-92	14.6	78.9	-85.2	116.2	910	138.1	1.8	-1.0	262.6	3.8*	28.7	27.9	19.9	19.9	0.0
20:27:00	28	1.8	-92	15.4	78.2	-85.0	115.5	930	0.0	21.9	-16.0	74.7*	80.5	50.0	49.1	21.3	21.3	3.3
20:26:59	28	1.7	-92	15.4	440.6	457.3	10043*	919	30.5	-9.3	-2.6	73.1	78.0*	0.0	38.7	317.7	76.3	39.9

A/C 43, Flgt 060911I, Micro99 date 2006/09/11, Proj TexAQS Run on Fri Mar 23 10:34:50 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
20:27:30	27	59.3	-92	14.7	78.4	-86.2	116.5	901	138.4	2.1	-1.0	910.6	2.4*	28.6	27.8	-16.9	-18.9	0.5
20:27:30	28	3.1	-92	13.2	79.2	-85.3	116.4	909	138.5	1.9	-1.2	262.6	3.8*	29.0	28.2	19.4	19.4	0.0
20:27:30	28	0.4	-92	14.0	78.5	-85.1	115.8	930	0.0	21.8	-15.9	74.1*	79.9	50.0	49.1	21.0	21.0	3.2
20:27:29	28	0.4	-92	14.0	440.9	457.7	10044*	918	30.4	-9.9	-2.8	73.0	77.5*	0.0	38.7	317.6	76.5	39.9
20:28:00	27	58.0	-92	13.3	78.5	-86.0	116.4	900	138.4	2.0	-1.0	910.6	2.4*	28.7	27.9	-16.9	-18.9	0.5
20:28:00	28	1.7	-92	11.7	79.4	-85.2	116.4	909	138.1	1.9	-1.2	262.6	3.8*	29.0	28.2	19.4	19.4	0.0
20:28:00	27	59.0	-92	12.6	78.5	-85.0	115.7	930	0.0	22.2	-15.5	73.6*	79.3	50.0	49.1	21.4	21.4	3.2
20:27:59	27	59.0	-92	12.5	441.0	457.7	10043*	918	30.2	-9.0	-2.4	72.9	76.8*	0.0	38.7	317.4	76.5	39.9
20:28:30	27	56.6	-92	11.8	78.8	-86.3	116.9	902	138.4	1.8	-1.1	910.4	2.4*	29.0	28.2	-16.9	-18.9	0.5
20:28:30	28	0.3	-92	10.2	79.8	-85.5	116.9	910	138.1	1.6	-1.2	262.6	3.8*	29.3	28.5	18.9	18.9	0.0
20:28:30	27	57.6	-92	11.1	78.9	-85.3	116.2	932	0.0	21.0	-16.4	74.5*	80.2	50.0	49.1	20.9	20.9	3.2
20:28:29	27	57.6	-92	11.1	441.5	458.3	10044*	919	30.2	-8.9	-2.5	73.0	77.8*	0.0	38.7	317.4	77.0	40.0
20:29:00	27	55.1	-92	10.4	79.0	-87.2	117.6	902	138.5	1.6	-0.9	910.5	2.4*	28.2	27.4	-16.9	-18.9	0.5
20:29:00	27	58.9	-92	8.8	79.9	-86.3	117.6	912	138.2	1.4	-1.0	262.6	3.8*	28.5	27.7	20.5	20.5	0.0
20:29:00	27	56.2	-92	9.7	78.9	-86.1	116.8	931	0.0	21.6	-16.4	75.3*	81.1	50.0	49.1	22.5	22.5	3.3
20:28:59	27	56.2	-92	9.7	440.3	457.0	10044*	918	28.7	-9.3	-2.5	74.1	78.7*	0.0	38.7	317.7	77.8	39.9
20:29:30	27	53.7	-92	8.9	79.8	-87.5	118.4	903	138.4	1.6	-1.1	910.5	2.4*	28.4	27.7	-16.9	-18.9	0.6
20:29:30	27	57.5	-92	7.3	80.8	-86.6	118.4	913	138.4	1.4	-1.2	262.5	3.7*	28.7	28.0	20.8	20.8	0.0
20:29:30	27	54.8	-92	8.2	79.9	-86.4	117.6	925	0.0	19.8	-18.0	77.5*	83.5	50.0	49.1	22.2	22.2	3.3
20:29:29	27	54.8	-92	8.2	440.7	457.5	10047*	918	29.2	-11.6	-3.7	76.2	81.0*	0.0	38.5	317.5	78.8	39.7
20:30:00	27	52.3	-92	7.5	79.1	-87.8	118.2	903	138.6	1.5	-1.2	910.4	2.4*	28.6	27.8	-16.9	-18.9	0.5
20:30:00	27	56.1	-92	5.9	80.1	-86.9	118.2	913	138.2	1.4	-1.4	262.6	3.8*	28.9	28.1	20.6	20.6	0.0
20:30:00	27	53.4	-92	6.8	79.1	-86.7	117.4	925	0.0	19.9	-18.1	77.4*	83.3	50.0	49.1	21.5	21.5	3.3
20:29:59	27	53.4	-92	6.8	440.8	457.6	10044*	919	29.4	-9.8	-2.1	76.7	80.9*	0.0	38.7	317.9	78.3	39.9
20:30:30	27	50.9	-92	6.0	78.5	-86.9	117.1	902	138.4	2.0	-1.2	910.4	2.4*	28.7	27.9	-16.9	-18.9	0.5
20:30:30	27	54.7	-92	4.4	79.5	-86.0	117.1	911	138.1	1.8	-1.3	262.6	3.8*	29.0	28.2	18.9	18.9	0.0
20:30:30	27	52.0	-92	5.3	78.4	-85.8	116.3	921	0.0	21.2	-16.8	76.0*	81.8	50.0	49.1	21.0	21.0	3.2
20:30:29	27	52.0	-92	5.3	441.0	457.8	10044*	918	29.4	-9.6	-2.6	74.7	79.4*	0.0	38.7	317.8	77.2	39.9
20:31:00	27	49.5	-92	4.6	78.8	-87.1	117.4	901	138.3	1.9	-1.0	910.6	2.4*	28.9	28.1	-16.9	-18.9	0.5
20:31:00	27	53.3	-92	2.9	79.7	-86.2	117.4	910	138.0	1.7	-1.2	262.6	3.8*	29.2	28.4	18.6	18.6	0.0
20:31:00	27	50.6	-92	3.9	78.7	-86.0	116.6	914	0.0	20.4	-17.3	76.4*	82.2	50.0	49.1	20.5	20.5	3.2
20:30:59	27	50.6	-92	3.9	441.3	458.0	10044*	916	29.2	-9.1	-2.5	74.9	79.8*	0.0	38.7	317.8	77.5	39.9
20:31:30	27	48.1	-92	3.2	78.4	-87.0	117.1	901	138.4	1.8	-0.9	910.5	2.4*	29.1	28.3	-16.9	-18.9	0.5
20:31:30	27	51.9	-92	1.5	79.4	-86.1	117.1	911	138.4	1.6	-1.1	262.6	3.8*	29.4	28.6	18.4	18.4	0.0
20:31:30	27	49.2	-92	2.5	78.3	-86.0	116.2	910	0.0	20.4	-17.4	76.6*	82.4	50.0	49.1	20.3	20.3	3.2
20:31:29	27	49.2	-92	2.5	441.6	458.3	10044*	916	29.1	-8.8	-2.4	75.1	80.1*	0.0	38.8	318.0	77.1	40.0
20:32:00	27	46.7	-92	1.7	78.2	-86.8	116.8	900	138.4	1.9	-0.9	910.6	2.4*	29.2	28.4	-16.9	-18.9	0.7
20:32:00	27	50.5	-92	0.0	79.2	-85.9	116.8	910	138.0	1.7	-1.1	262.3	3.7*	29.5	28.7	18.2	18.2	0.0
20:32:00	27	47.8	-92	1.0	78.0	-85.7	115.9	908	0.0	20.6	-17.0	75.7*	81.5	50.0	49.1	20.1	20.1	3.1
20:31:59	27	47.8	-92	1.0	442.0	458.8	10052*	916	29.7	-9.4	-2.6	75.0	79.1*	0.0	38.2	318.0	77.4	39.4

A/C 43, Flgt 060911I, Micro99 date 2006/09/11, Proj TexAQS Run on Fri Mar 23 10:34:50 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
20:32:30	27	45.3	-92	0.3	78.0	-86.6	116.6	900	138.4	1.9	-1.1	910.7	2.4*	28.9	28.1	-16.9	-18.9	0.4
20:32:30	27	49.1	-91	58.6	79.0	-85.7	116.6	909	138.1	1.8	-1.2	262.6	3.8*	29.2	28.4	18.2	18.2	0.0
20:32:30	27	46.4	-91	59.6	77.8	-85.6	115.7	905	0.0	21.1	-16.6	75.2*	81.0	50.0	49.1	20.1	20.1	3.2
20:32:29	27	46.4	-91	59.6	441.3	458.1	10043*	915	29.7	-9.7	-2.7	74.6	78.6*	0.0	38.8	318.0	76.6	40.0
20:33:00	27	43.6	-91	59.3	-1.5	-114.2	114.2	885	182.2*	-0.0	23.9	911.7	2.2*	28.6	27.9	-16.9	-18.9	1.1
20:33:00	27	47.5	-91	57.6	-0.5	-113.4	113.4	893	182.2*	-0.2	23.7	261.6	3.5*	28.9	28.2	19.4	19.4	0.0
20:33:00	27	44.9	-91	58.6	1.3	-113.5	113.5	894	0.0	27.3	-12.8	72.1*	77.9	50.0	49.2	21.2	21.2	3.2
20:32:59	27	44.8	-91	58.6	441.4	458.3	10067*	900	29.0	-9.1	-2.2	71.7	76.4*	0.0	37.2	0.9	75.8	38.4
20:33:30	27	42.1	-92	0.3	-66.7	-86.9	109.5	679	216.8*	0.2	-20.8*	934.4	2.4*	29.3	28.5	-16.9	-18.9	0.5
20:33:30	27	46.0	-91	58.6	-65.7	-86.2	108.4	690	216.5*	0.1	-21.0*	262.6	3.8*	29.6	28.8	20.3	20.3	0.0
20:33:30	27	43.3	-91	59.6	-69.3	-84.4	109.2	695	0.0	31.0	-9.0	65.6*	71.3	50.0	49.1	21.2	21.2	3.1
20:33:29	27	43.3	-91	59.6	441.9	458.7	10043*	698	30.2	-12.9	-4.0	64.4	68.8*	0.0	38.7	37.7	69.7	40.0
20:34:00	27	40.6	-92	0.2	78.2	-67.9	103.5	549	129.0*	2.3	-28.0	948.1	2.4*	29.2	28.4	-16.9	-18.9	0.5
20:34:00	27	44.5	-91	58.4	79.2	-66.9	103.6	568	128.6*	2.1	-28.2	262.6	3.8*	29.7	28.9	23.0	23.0	0.0
20:34:00	27	41.8	-91	59.5	75.3	-69.5	102.5	566	0.0	36.8	-5.0	62.0*	67.5	50.0	49.1	22.9	22.9	3.1
20:33:59	27	41.8	-91	59.5	441.7	458.5	10044*	569	30.5	-9.3	-2.9	60.0	64.2*	0.0	38.7	311.2	63.6	40.0
20:34:30	27	40.6	-91	58.4	80.9	70.8	107.5	487	48.1*	2.0	-28.8	955.2	2.4*	30.2	29.4	-16.9	-18.9	0.5
20:34:30	27	44.5	-91	56.6	81.6	71.8	108.7	503	47.7*	1.8	-29.1	262.6	3.8*	30.6	29.8	23.1	23.1	0.0
20:34:30	27	41.8	-91	57.7	82.8	69.1	107.8	506	0.0	32.2	-8.9	66.6*	72.5	50.0	49.1	22.4	22.4	2.9
20:34:29	27	41.8	-91	57.7	443.3	460.1	10044*	505	30.6	-12.9	-4.1	64.7	69.2*	0.0	38.8	228.7	67.4	40.1
20:35:00	27	42.2	-91	58.2	-63.2	91.6	111.3	457	325.0*	2.2	-31.8*	958.8	2.4*	30.7	29.9	-16.9	-18.9	0.5
20:35:00	27	46.2	-91	56.4	-62.5	92.3	111.5	471	324.6*	2.0	-31.9*	262.6	3.8*	31.0	30.2	23.6	23.6	0.0
20:35:00	27	43.4	-91	57.5	-60.2	94.9	112.4	476	0.0	29.7	-10.8	69.5*	75.4	50.0	49.1	23.1	23.1	2.8
20:34:59	27	43.4	-91	57.5	443.9	460.8	10044*	473	30.6	-10.9	-3.5	68.4	72.0*	0.0	38.7	144.9	71.2	40.1
20:35:30	27	43.6	-91	59.6	-78.8	81.9	113.6	446	316.7	2.1	-1.2	959.1	2.4*	30.9	30.1	-16.9	-18.9	0.5
20:35:30	27	47.5	-91	57.8	-78.1	82.7	113.7	461	316.3	2.0	-1.4	262.6	3.8*	31.2	30.4	24.1	24.1	0.0
20:35:30	27	44.8	-91	58.9	-79.4	83.1	114.9	455	0.0	22.2	-14.8	71.8*	77.3	50.0	49.1	23.1	23.1	2.8
20:35:29	27	44.8	-91	58.9	444.2	461.1	10044*	463	30.6	-8.7	-2.3	70.4	74.8*	0.0	38.7	136.0	73.6	40.1
20:36:00	27	44.9	-92	1.0	-79.8	82.5	114.8	445	316.4	2.2	-1.0	959.1	2.4*	31.0	30.2	-16.9	-18.9	0.5
20:36:00	27	48.9	-91	59.2	-79.1	83.3	114.9	461	316.1	2.0	-1.2	262.6	3.8*	31.3	30.5	23.9	23.9	0.0
20:36:00	27	46.1	-92	0.3	-80.4	83.7	116.1	452	0.0	21.9	-15.4	73.1*	78.8	50.0	49.1	23.1	23.1	2.8
20:35:59	27	46.2	-92	0.3	444.3	461.2	10044*	463	30.7	-10.0	-2.7	71.7	76.2*	0.0	38.7	136.0	74.7	40.1
20:36:30	27	46.2	-92	2.5	-79.9	83.0	115.3	448	316.6	1.8	-1.1	958.9	2.4*	31.1	30.3	-16.9	-18.8	0.5
20:36:30	27	50.2	-92	0.7	-79.2	83.8	115.3	464	316.6	1.6	-1.3	262.6	3.8*	31.4	30.6	23.9	23.9	0.0
20:36:30	27	47.5	-92	1.8	-80.6	84.2	116.6	457	0.0	18.7	-17.3	74.5*	80.2	50.0	49.1	23.2	23.2	2.8
20:36:29	27	47.5	-92	1.8	444.5	461.4	10043*	465	30.7	-8.3	-2.2	73.2	77.7*	0.0	38.7	136.0	75.2	40.1
20:37:00	27	47.6	-92	4.0	-80.0	83.7	115.8	447	316.6	2.0	-0.9	958.8	2.4*	31.2	30.4	-16.9	-18.9	0.5
20:37:00	27	51.6	-92	2.1	-79.3	84.5	115.9	462	316.3	1.9	-1.1	262.6	3.8*	31.5	30.7	23.7	23.7	0.0
20:37:00	27	48.9	-92	3.3	-80.7	84.9	117.1	457	0.0	22.2	-16.1	75.4*	81.3	50.0	49.1	23.0	23.0	2.7
20:36:59	27	48.9	-92	3.3	444.7	461.6	10044*	465	30.6	-9.5	-2.6	74.1	78.7*	0.0	38.7	136.4	75.7	40.1

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:37:30	27	49.0	-92	5.4	-80.1	83.9	115.9	449	316.7	1.9	-0.8	958.8	2.4*	31.3	30.5	-16.9	-18.9	0.5
20:37:30	27	53.0	-92	3.6	-79.3	84.7	116.0	464	316.4	1.8	-1.0	262.6	3.8*	31.6	30.8	23.4	23.4	0.0
20:37:30	27	50.3

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:42:30	28	2.8	-92 20.2	-80.7	86.1	118.0	445	316.8	1.9	-0.9	959.0	2.4*	31.5	30.7	-16.9	-18.9	0.4
20:42:30	28	7.0	-92 18.2	-80.0	86.9	118.1	459	316.9	1.7	-1.0	262.6	3.8*	31.8	31.0	22.9	22.9	0.0
20:42:30	28	4.3	-92 19.6	-81.6	87.1	119.3	468	0.0	20.2	-17.6	77.3*	83.2	50.0	49.1	22.7	22.7	2.7
20:42:29	28	4.4	-92 19.7	445.1	462.1	10044*	466	31.0	-8.8	-2.4	76.6	80.6*	0.0	38.7	137.0	77.9	40.1
20:43:00	28	4.2	-92 21.6	-80.5	86.3	118.0	446	316.9	1.8	-1.0	958.9	2.4*	31.4	30.6	-16.9	-18.9	0.5
20:43:00	28	8.4	-92 19.6	-79.8	87.2	118.1	461	316.6	1.6	-1.2	262.6	3.8*	31.7	31.0	23.0	23.0	0.0
20:43:00	28	5.8	-92 21.1	-81.3	87.3	119.3	475	0.0	19.7	-17.9	77.4*	83.2	50.0	49.1	22.8	22.8	2.7
20:42:59	28	5.8	-92 21.1	445.0	462.0	10044*	467	30.7	-8.9	-2.4	76.6	80.7*	0.0	38.7	137.2	77.9	40.1
20:43:30	28	5.6	-92 23.1	-80.5	86.3	118.0	446	316.9	1.9	-1.0	959.0	2.4*	31.9	31.1	-16.9	-18.9	0.5
20:43:30	28	9.8	-92 21.1	-79.8	87.1	118.1	461	316.5	1.7	-1.1	262.6	3.8*	32.2	31.4	21.0	21.0	0.0
20:43:30	28	7.2	-92 22.6	-81.4	87.3	119.3	489	0.0	20.2	-17.6	77.1*	82.9	50.0	49.1	21.5	21.5	2.6
20:43:29	28	7.2	-92 22.6	445.7	462.7	10043*	465	30.8	-9.2	-2.5	76.3	80.3*	0.0	38.8	137.3	77.8	40.2
20:44:00	28	7.0	-92 24.6	-80.3	86.5	118.1	446	317.0	1.8	-1.0	959.0	2.4*	31.8	31.0	-16.9	-18.8	0.5
20:44:00	28	11.2	-92 22.5	-79.6	87.4	118.3	461	316.6	1.6	-1.1	262.6	3.8*	32.1	31.3	21.3	21.3	0.0
20:44:00	28	8.6	-92 24.1	-81.2	87.5	119.4	505	0.0	20.6	-17.3	76.9*	82.8	50.0	49.1	21.5	21.5	2.6
20:43:59	28	8.6	-92 24.1	445.5	462.5	10043*	465	30.7	-9.9	-2.7	76.1	80.1*	0.0	38.7	137.5	77.9	40.1
20:44:30	28	8.5	-92 26.0	-79.9	87.2	118.3	446	316.9	1.9	-1.0	959.0	2.4*	31.6	30.8	-16.9	-18.9	0.5
20:44:30	28	12.7	-92 24.0	-79.3	88.1	118.5	461	317.0	1.7	-1.2	262.6	3.7*	31.9	31.1	21.8	21.8	0.0
20:44:30	28	10.0	-92 25.6	-80.8	88.2	119.6	505	0.0	20.3	-17.2	76.1*	81.9	50.0	49.1	22.1	22.1	2.7
20:44:29	28	10.0	-92 25.6	445.3	462.3	10044*	464	30.2	-9.9	-2.7	75.2	79.4*	0.0	38.7	138.0	78.2	40.1
20:45:00	28	9.9	-92 27.5	-80.2	87.2	118.5	447	317.0	1.8	-1.1	958.9	2.4*	31.7	30.9	-16.9	-18.8	0.5
20:45:00	28	14.1	-92 25.5	-79.5	88.1	118.7	462	316.7	1.6	-1.2	262.6	3.7*	32.0	31.2	21.7	21.7	0.0
20:45:00	28	11.5	-92 27.1	-81.0	88.1	119.7	521	0.0	19.6	-17.9	77.4*	83.3	50.0	49.1	21.7	21.7	2.6
20:44:59	28	11.5	-92 27.1	445.4	462.4	10044*	465	30.3	-8.5	-2.3	76.2	80.7*	0.0	38.7	137.8	78.4	40.1
20:45:30	28	11.3	-92 29.0	-80.4	87.2	118.6	446	317.1	1.8	-0.9	959.0	2.4*	31.9	31.1	-16.9	-18.9	0.5
20:45:30	28	15.5	-92 26.9	-79.8	88.1	118.8	461	316.7	1.6	-1.1	262.6	3.8*	32.2	31.4	20.5	20.5	0.0
20:45:30	28	12.9	-92 28.6	-81.3	88.0	119.8	516	0.0	19.5	-17.9	77.1*	82.9	50.0	49.1	21.3	21.3	2.6
20:45:29	28	12.9	-92 28.6	445.7	462.7	10044*	464	30.4	-8.7	-2.3	75.9	80.4*	0.0	38.7	137.6	78.5	40.1
20:46:00	28	12.7	-92 30.4	-80.8	86.8	118.6	445	317.0	1.8	-1.0	958.9	2.4*	31.5	30.7	-16.9	-18.9	0.5
20:46:00	28	16.9	-92 28.4	-80.1	87.7	118.8	461	316.7	1.6	-1.2	262.6	3.8*	31.8	31.0	23.1	23.1	0.0
20:46:00	28	14.3	-92 30.1	-81.7	87.6	119.8	511	0.0	19.6	-18.2	78.0*	83.9	50.0	49.1	22.7	22.7	2.7
20:45:59	28	14.3	-92 30.1	445.1	462.1	10043*	464	30.5	-9.1	-2.5	76.9	81.3*	0.0	38.7	137.3	78.5	40.1
20:46:30	28	14.1	-92 31.9	-81.1	86.5	118.6	447	317.1	1.6	-1.2	958.7	2.4*	31.5	30.7	-16.9	-18.8	0.5
20:46:30	28	18.4	-92 29.9	-80.4	87.4	118.8	463	317.1	1.4	-1.3	262.6	3.8*	31.8	31.0	23.4	23.4	0.0
20:46:30	28	15.7	-92 31.6	-82.0	87.3	119.8	509	0.0	18.8	-18.8	79.0*	84.8	50.0	49.1	22.9	22.9	2.7
20:46:29	28	15.7	-92 31.6	445.1	462.0	10043*	465	30.5	-8.9	-2.4	77.5	82.3*	0.0	38.8	136.9	78.4	40.2
20:47:00	28	15.5	-92 33.4	-81.1	86.3	118.4	448	316.8	1.6	-1.0	958.8	2.4*	31.5	30.7	-16.9	-18.8	0.5
20:47:00	28	19.8	-92 31.3	-80.4	87.1	118.6	463	316.5	1.5	-1.2	262.6	3.8*	31.8	31.0	23.4	23.4	0.0
20:47:00	28	17.1	-92 33.1	-81.9	87.0	119.5	505	0.0	18.9	-18.7	78.8*	84.7	50.0	49.1	22.9	22.9	2.7
20:46:59	28	17.2	-92 33.1	445.1	462.1	10044*	464	30.4	-9.0	-2.4	77.8	82.2*	0.0	38.8	137.0	78.2	40.2

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:47:30	28	16.9	-92 34.9	-80.8	86.3	118.3	447	317.0	1.6	-1.0	958.8	2.4*	31.5	30.7	-16.9	-18.8	0.5
20:47:30	28	21.2	-92 32.8	-80.2	87.2	118.5	462	316.7	1.5	-1.1	262.6	3.7*	31.8	31.0	23.1	23.1	0.0
20:47:30	28	18.6	-92 34.6	-81.7	87.0	119.4	503	0.0	18.9	-18.9	79.2*	85.1	50.0	49.1	22.7	22.7	2.7
20:47:29	28	18.6	-92 34.6	445.2	462.1	10044*	462	30.4	-8.9	-2.4	77.9	82.5*	0.0	38.7	137.0	78.1	40.1
20:48:00	28	18.3	-92 36.4	-80.8	86.0	118.0	447	317.0	1.6	-0.9	958.7	2.4*	31.5	30.7	-16.9	-18.9	0.5
20:48:00	28	22.6	-92 34.3	-80.2	86.8	118.2	462	316.7	1.4	-1.0	262.6	3.8*	31.8	31.0	23.3	23.3	0.0
20:48:00	28	20.0	-92 36.1	-81.7	86.6	119.1	507	0.0	18.5	-19.1	79.4*	85.2	50.0	49.1	22.9	22.9	2.7
20:47:59	28	20.0	-92 36.1	445.1	462.1	10044*	463	30.4	-8.3	-2.2	78.0	82.8*	0.0	38.7	136.8	77.9	40.1
20:48:30	28	19.7	-92 37.9	-80.8	86.0	118.0	448	316.6	1.7	-0.8	958.9	2.4*	31.0	30.2	-16.9	-18.9	0.5
20:48:30	28	24.0	-92 35.7	-80.2	86.9	118.3	463	316.6	1.5	-1.0	262.6	3.8*	31.3	30.5	24.0	24.0	0.0
20:48:30	28	21.4	-92 37.6	-81.7	86.6	119.1	489	0.0	19.5	-18.0	77.3*	83.4	50.0	49.1	23.1	23.1	2.8
20:48:29	28	21.4	-92 37.6	444.4	461.3	10043*	464	30.5	-12.1	-3.5	76.7	80.7*	0.0	38.8	137.3	77.9	40.1
20:49:00	28	21.1	-92 39.3	-80.9	87.1	118.9	448	317.0	1.0	-1.2	958.5	2.4*	31.6	30.8	-16.9	-18.9	0.5
20:49:00	28	25.4	-92 37.2	-80.3	88.0	119.1	463	316.7	0.9	-1.4	262.6	3.8*	31.9	31.1	23.8	23.8	0.0
20:49:00	28	22.8	-92 39.1	-81.6	87.7	119.8	490	0.0	20.6	-18.8	81.0*	86.9	50.0	49.1	23.1	23.1	2.7
20:48:59	28	22.8	-92 39.1	445.2	462.2	10044*	460	31.3	-5.8	-1.4	79.5	84.1*	0.0	38.7	137.2	78.8	40.1
20:49:30	28	22.6	-92 40.7	-66.9	98.0	118.7	443	325.7	1.8	0.9	959.0	2.4*	31.6	30.8	-16.9	-18.8	0.5
20:49:30	28	26.9	-92 38.6	-66.3	98.9	119.1	458	325.4	1.6	0.8	262.6	3.8*	31.9	31.1	23.4	23.4	0.0
20:49:30	28	24.3	-92 40.5	-68.0	98.5	119.7	468	0.0	18.8	-19.3	80.1*	86.1	50.0	49.1	23.0	23.0	2.7
20:49:29	28	24.3	-92 40.5	445.2	462.2	10043*	461	32.0	-8.6	-2.3	78.8	83.5*	0.0	38.7	145.9	78.6	40.1
20:50:00	28	24.2	-92 41.9	-64.3	99.3	118.3	446	327.3	1.6	-1.2	958.9	2.4*	31.5	30.7	-16.9	-18.8	0.4
20:50:00	28	28.6	-92 39.8	-63.7	100.2	118.8	462	327.0	1.4	-1.3	262.6	3.7*	31.8	31.0	23.3	23.3	0.0
20:50:00	28	25.9	-92 41.7	-65.2	99.8	119.2	478	0.0	19.2	-18.7	79.1*	85.0	50.0	49.1	22.6	22.6	2.7
20:49:59	28	25.9	-92 41.7	445.1	462.0	10044*	466	31.3	-9.2	-2.5	78.2	82.6*	0.0	38.7	147.2	78.2	40.1
20:50:30	28	25.8	-92 43.1	-63.8	99.3	118.0	450	327.5	1.1	-1.0	958.5	2.4*	31.2	30.4	-16.9	-18.8	0.4
20:50:30	28	30.2	-92 40.9	-63.3	100.2	118.5	466	327.5	0.9	-1.2	262.6	3.7*	31.4	30.6	24.0	24.0	0.0
20:50:30	28	27.5	-92 42.9	-64.6	99.8	118.9	489	0.0	15.8	-20.0	80.6*	86.5	50.0	49.1	23.0	23.0	2.7
20:50:29	28	27.5	-92 42.9	444.6	461.5	10043*	471	30.3	-8.5	-2.7	79.3	84.3*	0.0	38.7	147.3	78.0	40.1
20:51:00	28	27.4	-92 44.4	-83.3	85.1	119.1	447	315.7	1.3	-5.8*	959.1	2.4*	31.3	30.5	-16.9	-18.9	0.5
20:51:00	28	31.8	-92 42.2	-82.7	86.0	119.3	462	315.4	1.2	-6.0	262.6	3.8*	31.6	30.8	24.1	24.1	0.0
20:51:00	28	29.1	-92 44.2	-83.6	86.1	120.0	490	0.0	16.3	-21.3	84.4*	90.5	50.0	49.1	22.9	22.9	2.7
20:50:59	28	29.1	-92 44.2	444.9	461.8	10044*	466	29.9	-7.0	-2.6	83.3	87.7*	0.0	38.7	135.6	79.0	40.1
20:51:30	28	28.7	-92 46.0	-86.5	79.0	117.2	448	312.3	1.8	-0.9	959.0	2.4*	31.2	30.4	-16.9	-18.9	0.5
20:51:30	28	33.1	-92 43.8	-86.0	79.8	117.4	463	312.0	1.7	-1.1	262.6	3.7*	31.3	30.5	22.4	22.4	0.0
20:51:30	28	30.4	-92 45.8	-87.4	79.3	118.0	525	0.0	17.7	-19.7	78.9*	84.8	50.0	49.1	22.3	22.3	2.7
20:51:29	28	30.4	-92 45.8	444.6	461.6	10044*	468	29.7	-8.4	-3.4	78.0	82.3*	0.0	38.7	132.6	77.1	40.1
20:52:00	28	29.9	-92 47.5	-86.3	79.1	117.1	449	312.3	1.7	-0.9	958.8	2.4*	31.4	30.6	-16.9	-18.8	0.5
20:52:00	28	34.4	-92 45.4	-85.8	79.9	117.2	464	312.0	1.5	-1.0	262.6	3.7*	31.7	30.9	22.1	22.1	0.0
20:52:00	28	31.7	-92 47.4	-87.0	79.4	117.8	518	0.0	18.9	-19.1	79.9*	85.9	50.0	49.1	22.8	22.8	2.7
20:51:59	28	31.7	-92 47.4	445.0	461.9	10044*	468	29.7	-8.9	-1.8	78.5	83.2*	0.0	38.7	132.8	77.0	40.1

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:52:30	28	31.3	-92 49.0	-74.9	90.0	117.1	447	319.9	1.8	-0.8	959.0	2.4*	31.1	30.3	-16.9	-18.9	0.5
20:52:30	28	35.8	-92 46.8	-74.4	90.8	117.4	463	319.9	1.6	-1.0	262.6	3.7*	31.4	30.6	23.5	23.5	0.0
20:52:30	28	33.1	-92 48.9	-75.7	90.2	117.8	479	0.0	19.0	-18.6	78.1*	83.9	50.0	49.1	22.7	22.7	2.8
20:52:29	28	33.1	-92 48.9	444.5	461.4	10044*	471	29.8	-7.9	-2.1	77.1	81.4*	0.0	38.7	140.6	77.0	40.0
20:53:00	28	32.8	-92 50.4	-74.6	90.0	116.9	447	320.1	1.8	-1.1	959.0	2.4*	31.5	30.7	-16.9	-18.9	0.5
20:53:00	28	37.2	-92 48.2	-74.1	90.9	117.3	462	319.8	1.6	-1.3	262.6	3.8*	31.8	31.0	22.1	22.1	0.0
20:53:00	28	34.5	-92 50.2	-75.4	90.2	117.6	484	0.0	19.1	-18.6	78.3*	84.2	50.0	49.1	22.1	22.1	2.7
20:52:59	28	34.5	-92 50.3	445.2	462.1	10044*	468	30.1	-9.5	-2.6	77.1	81.6*	0.0	38.7	140.7	76.8	40.1
20:53:30	28	34.2	-92 51.8	-78.4	86.6	116.8	447	317.7	1.6	-1.8	958.9	2.4*	31.5	30.7	-16.9	-18.8	0.5
20:53:30	28	38.7	-92 49.6	-77.9	87.4	117.1	462	317.4	1.5	-1.9	262.6	3.8*	31.8	31.0	22.0	22.0	0.0
20:53:30	28	36.0	-92 51.7	-79.1	86.8	117.5	506	0.0	18.9	-18.7	78.5*	84.4	50.0	49.1	22.1	22.1	2.7
20:53:29	28	36.0	-92 51.7	445.1	462.1	10044*	463	30.2	-8.7	-2.3	77.3	81.9*	0.0	38.8	138.1	76.6	40.2
20:54:00	28	35.6	-92 53.3	-82.2	83.2	117.0	446	315.4	1.6	-2.1	958.9	2.4*	31.5	30.7	-16.9	-18.9	0.5
20:54:00	28	40.1	-92 51.1	-81.8	84.0	117.3	461	315.0	1.4	-2.3	262.6	3.8*	31.8	31.0	22.4	22.4	0.0
20:54:00	28	37.3	-92 53.1	-82.9	83.4	117.6	458	0.0	18.4	-19.0	79.3*	85.2	50.0	49.1	22.2	22.2	2.7
20:53:59	28	37.4	-92 53.2	445.1	462.1	10044*	465	30.2	-9.0	-2.5	77.9	82.7*	0.0	38.7	135.5	76.9	40.1
20:54:30	28	36.9	-92 54.8	-81.7	83.3	116.7	445	315.4	1.7	0.5*	958.8	2.4*	31.4	30.6	-16.9	-18.9	0.5
20:54:30	28	41.4	-92 52.6	-81.3	84.1	117.0	461	315.5	1.5	0.3*	262.6	3.8*	31.7	30.9	22.7	22.7	0.0
20:54:30	28	38.7	-92 54.7	-82.5	83.3	117.2	467	0.0	18.5	-19.0	79.3*	85.2	50.0	49.1	22.6	22.6	2.7
20:54:29	28	38.7	-92 54.7	445.0	461.9	10044*	465	30.2	-7.6	-2.0	77.9	82.5*	0.0	38.8	135.8	76.5	40.2
20:55:00	28	38.4	-92 56.2	-70.6	92.7	116.5	445	322.2	1.6	0.2	958.8	2.4*	31.6	30.8	-16.9	-18.9	0.5
20:55:00	28	42.9	-92 54.0	-70.2	93.5	116.9	460	321.9	1.5	-0.0	262.6	3.8*	31.9	31.1	21.2	21.2	0.0
20:55:00	28	40.1	-92 56.1	-71.4	92.6	116.9	446	0.0	18.8	-18.8	79.0*	85.0	50.0	49.1	21.4	21.4	2.7
20:54:59	28	40.1	-92 56.1	445.3	462.3	10044*	466	29.7	-10.0	-2.8	77.9	82.4*	0.0	38.7	143.2	76.4	40.1
20:55:30	28	39.9	-92 57.5	-69.6	93.1	116.2	444	323.1	1.7	-0.9	958.8	2.4*	31.8	31.0	-16.9	-18.9	0.5
20:55:30	28	44.4	-92 55.2	-69.2	93.9	116.7	459	322.8	1.5	-1.0	262.6	3.8*	32.1	31.3	20.8	20.8	0.0
20:55:30	28	41.6	-92 57.4	-70.3	93.1	116.6	450	0.0	18.3	-19.8	79.8*	85.7	50.0	49.1	21.6	21.6	2.6
20:55:29	28	41.7	-92 57.4	445.6	462.6	10044*	466	29.9	-8.8	-3.0	78.5	83.2*	0.0	38.7	143.5	76.1	40.1
20:56:00	28	41.4	-92 58.7	-69.3	92.6	115.7	443	323.2	1.7	-0.9	958.9	2.4*	31.6	30.8	-16.9	-18.9	0.5
20:56:00	28	45.9	-92 56.5	-69.0	93.4	116.1	458	322.9	1.5	-1.1	262.6	3.8*	31.9	31.1	21.1	21.1	0.0
20:56:00	28	43.1	-92 58.7	-70.0	92.5	116.0	456	0.0	18.7	-18.6	78.4*	84.3	50.0	49.1	21.5	21.5	2.7
20:55:59	28	43.2	-92 58.7	445.2	462.2	10044*	465	29.7	-9.0	-3.6	77.5	81.7*	0.0	38.7	143.4	75.6	40.1
20:56:30	28	42.9	-93 0.0	-68.9	93.2	115.9	442	323.1	1.7	-0.8	958.9	2.4*	31.6	30.8	-16.9	-18.8	0.5
20:56:30	28	47.4	-92 57.8	-68.6	94.0	116.3	457	323.1	1.5	-1.0	262.6	3.7*	31.9	31.1	21.3	21.3	0.0
20:56:30	28	44.7	-92 60.0	-69.5	93.1	116.2	458	0.0	19.2	-18.6	78.0*	83.9	50.0	49.1	21.9	21.9	2.7
20:56:29	28	44.7	-92 60.0	445.2	462.2	10044*	465	29.3	-8.6	-2.3	76.9	81.3*	0.0	38.7	144.0	75.8	40.1
20:57:00	28	44.6	-93 0.5	29.9	106.1	110.2	404	16.6*	-0.7	19.4	962.7	2.4*	30.7	29.9	-16.9	-18.8	0.5
20:57:00	28	49.2	-92 58.3	30.1	107.1	111.3	418	16.3*	-0.8	19.2	262.6	3.7*	31.0	30.2	22.6	22.6	0.0
20:57:00	28	46.3	-93 0.6	26.8	106.9	110.2	417	0.0	27.9	-11.3	68.8*	74.4	50.0	49.1	22.4	22.4	2.8
20:56:59	28	46.4	-93 0.6	444.0	460.9	10044*	428	29.6	-10.2	-2.5	67.9	72.7*	0.0	38.7	196.2	70.3	40.1

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:57:30	28	46.0	-92 59.4	54.7	89.9	105.3	306	30.4*	2.6	-23.9*	974.9	2.4*	31.0	30.2	-16.9	-18.9	0.5
20:57:30	28	50.6	-92 57.2	55.0	90.9	106.3	322	30.0*	2.4	-24.0*	262.6	3.7*	31.4	30.6	22.8	22.8	0.0
20:57:30	28	47.8	-92 59.5	58.6	85.6	103.7	323	0.0	22.2	-12.3	63.5*	68.9	50.0	49.1	22.7	22.7	2.8
20:57:29	28	47.8	-92 59.5	444.4	461.3	10044*	328	29.6	-13.0	-4.1	62.7	65.9*	0.0	38.7	211.7	65.2	40.0
20:58:00	28	47.6	-92 59.7	-78.5	77.0	109.9

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:02:30	28 36.7	-92 51.8	72.1	-90.6	115.8	176	142.0	1.8	-0.7	988.4	2.4*	33.3	32.5	-16.9	-18.9	0.5
21:02:30	28 41.4	-92 49.4	72.5	-89.7	115.3	195	141.7	1.7	-0.8	262.6	3.7*	33.6	32.8	22.6	22.6	0.0
21:02:30	28 38.4	-92 51.8	72.1	-91.4	116.4	193	0.0	19.6	-18.1	77.6*	83.5	50.0	49.1	23.4	23.4	2.4
21:02:29	28 38.4	-92 51.8	447.7	464.8	10044*	200	30.7	-8.4	-2.2	76.2	80.9*	0.0	38.7	321.4	75.6	40.2
21:03:00	28 35.3	-92 50.4	71.2	-90.3	115.0	176	142.3	1.9	-1.0	988.4	2.4*	33.3	32.5	-16.9	-18.9	0.5
21:03:00	28 40.0	-92 48.1	71.5	-89.4	114.5	195	142.0	1.7	-1.1	262.6	3.7*	33.6	32.8	22.9	22.9	0.0
21:03:00	28 37.0	-92 50.5	71.1	-91.2	115.6	193	0.0	19.1	-18.4	77.8*	83.6	50.0	49.1	23.2	23.2	2.4
21:02:59	28 36.9	-92 50.5	447.7	464.8	10044*	200	30.9	-7.2	-1.8	76.5	81.0*	0.0	38.7	321.6	74.8	40.2
21:03:30	28 33.8	-92 49.1	70.6	-90.4	114.8	176	142.0	1.9	-0.8	988.4	2.4*	32.7	31.9	-16.9	-18.9	0.5
21:03:30	28 38.5	-92 46.8	71.0	-89.5	114.2	195	142.0	1.7	-1.0	262.6	3.7*	33.0	32.2	23.5	23.5	0.0
21:03:30	28 35.5	-92 49.2	70.6	-91.3	115.4	195	0.0	19.5	-17.5	76.1*	81.9	50.0	49.1	23.7	23.7	2.5
21:03:29	28 35.5	-92 49.2	446.8	463.9	10044*	200	30.9	-8.1	-2.1	75.0	79.2*	0.0	38.7	322.2	74.6	40.2
21:04:00	28 32.3	-92 47.8	70.4	-90.7	114.8	177	142.3	1.8	-0.9	988.3	2.4*	32.7	31.9	-16.9	-18.9	0.5
21:04:00	28 37.1	-92 45.5	70.7	-89.8	114.2	196	142.0	1.6	-1.0	262.6	3.8*	33.1	32.2	23.5	23.5	0.0
21:04:00	28 34.0	-92 47.9	70.3	-91.6	115.5	196	0.0	19.9	-17.6	76.7*	82.5	50.0	49.1	23.6	23.6	2.5
21:03:59	28 34.0	-92 47.9	446.9	464.0	10044*	201	30.2	-8.1	-2.2	75.4	79.8*	0.0	38.7	322.3	74.6	40.2
21:04:30	28 30.8	-92 46.6	73.3	-88.3	114.8	178	140.3*	1.9	-10.3*	988.4	2.4*	32.8	32.0	-16.9	-18.9	0.5
21:04:30	28 35.6	-92 44.2	73.6	-87.4	114.3	197	139.9*	1.8	-10.3*	262.5	3.7*	33.1	32.3	23.8	23.8	0.0
21:04:30	28 32.5	-92 46.6	72.6	-89.9	115.5	197	0.0	20.2	-17.9	77.3*	83.5	50.0	49.1	23.8	23.8	2.4
21:04:29	28 32.5	-92 46.6	447.1	464.1	10046*	202	30.4	-12.5	-3.5	76.3	80.7*	0.0	38.6	320.5	74.7	40.1
21:05:00	28 29.6	-92 45.0	88.0	-73.5	114.7	180	130.6	1.7	-0.8	988.2	2.4*	32.6	31.8	-16.9	-18.8	0.5
21:05:00	28 34.4	-92 42.6	88.2	-72.5	114.2	198	130.3	1.5	-0.9	262.5	3.7*	33.0	32.2	23.9	23.9	0.0
21:05:00	28 31.3	-92 45.1	88.1	-74.3	115.3	201	0.0	19.9	-17.8	77.1*	83.1	50.0	49.1	23.9	23.9	2.5
21:04:59	28 31.2	-92 45.0	446.8	463.9	10045*	203	30.4	-10.2	-2.9	76.0	80.5*	0.0	38.6	309.7	74.6	40.1
21:05:30	28 28.4	-92 43.4	90.0	-73.8	116.4	187	131.0	0.3	-1.3	987.3	2.4*	31.9	31.1	-16.9	-18.8	0.5
21:05:30	28 33.2	-92 41.0	90.2	-72.8	115.9	206	131.0	0.1	-1.5	262.6	3.7*	32.1	31.3	25.0	25.0	0.0
21:05:30	28 30.0	-92 43.4	90.0	-74.6	116.9	207	0.0	14.9	-21.2	80.9*	86.9	50.0	49.1	23.7	23.7	2.6
21:05:29	28 30.0	-92 43.4	445.6	462.6	10044*	210	30.5	-9.1	-3.6	79.7	84.2*	0.0	38.7	308.7	76.3	40.1
21:06:00	28 27.2	-92 41.7	80.7	-87.5	119.1	185	139.0	0.2	6.9*	987.4	2.4*	32.4	31.6	-16.9	-18.9	0.5
21:06:00	28 32.0	-92 39.3	80.9	-86.6	118.5	205	138.8	0.1	6.8*	262.6	3.7*	32.6	31.8	24.8	24.8	0.0
21:06:00	28 28.8	-92 41.7	81.7	-87.6	119.8	205	0.0	14.2	-20.5	78.9*	85.5	50.0	49.1	23.6	23.6	2.5
21:05:59	28 28.8	-92 41.7	446.4	463.4	10044*	209	31.1	-18.1	-5.9	78.0	83.1*	0.0	38.7	317.2	79.0	40.1
21:06:30	28 25.7	-92 40.3	56.5	-106.0	120.1	178	151.9	1.3	2.9*	987.8	2.4*	33.3	32.5	-16.9	-18.9	0.5
21:06:30	28 30.5	-92 38.0	56.7	-105.2	119.5	198	151.6	1.1	2.8*	262.6	3.7*	33.5	32.7	24.0	24.0	0.0
21:06:30	28 27.3	-92 40.4	57.2	-106.8	121.2	197	0.0	17.4	-19.9	81.9*	88.1	50.0	49.1	24.0	24.0	2.4
21:06:29	28 27.2	-92 40.4	447.7	464.8	10044*	203	31.6	-10.7	-2.7	81.2	85.7*	0.0	38.7	332.3	79.9	40.2
21:07:00	28 23.9	-92 39.3	55.4	-105.7	119.4	176	151.9	1.7	-0.7	988.3	2.4*	33.2	32.4	-16.9	-18.9	0.5
21:07:00	28 28.8	-92 36.9	55.6	-104.9	118.7	196	151.7	1.5	-0.9	262.6	3.8*	33.5	32.7	24.5	24.5	0.0
21:07:00	28 25.5	-92 39.4	55.7	-106.7	120.4	194	0.0	19.9	-18.2	78.9*	85.3	50.0	49.1	24.2	24.2	2.4
21:06:59	28 25.5	-92 39.3	447.7	464.8	10044*	201	32.4	-12.7	-2.9	78.1	82.7*	0.0	38.7	332.9	79.2	40.2

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:07:30	28 22.3	-92 38.1	79.3	-89.4	119.5	180	140.9*	0.9	-4.5*	988.1	2.4*	33.8	33.0	-16.9	-18.8	0.5
21:07:30	28 27.2	-92 35.7	79.4	-88.6	119.0	199	140.9*	0.7	-4.6*	262.6	3.7*	34.1	33.3	24.5	24.5	0.0
21:07:30	28 23.9	-92 38.2	79.2	-90.8	120.5	200	0.0	13.3	-24.1	87.6*	94.5	50.0	49.1	24.4	24.4	2.3
21:07:29	28 23.9	-92 38.2	448.4	465.6	10044*	205	32.4	-16.6	-4.6	86.4	90.9*	0.0	38.7	317.6	79.3	40.3
21:08:00	28 20.9	-92 36.7	78.1	-86.9	116.9	181	139.7	1.4	-0.6	987.7	2.4*	33.8	33.0	-16.9	-18.9	0.5
21:08:00	28 25.8	-92 34.3	78.2	-86.1	116.3	200	139.4	1.3	-0.7	262.6	3.8*	34.1	33.3	24.8	24.8	0.0
21:08:00	28 22.4	-92 36.7	78.3	-88.1	117.8	200	0.0	16.6	-21.7	84.7*	90.6	50.0	49.1	24.2	24.2	2.3
21:07:59	28 22.4	-92 36.7	448.5	465.7	10044*	206	31.8	-4.1	-0.8	84.1	88.2*	0.0	38.7	317.2	76.6	40.3
21:08:30	28 19.5	-92 35.3	76.0	-86.1	114.8	181	140.0	1.4	-0.7	988.0	2.4*	33.6	32.8	-16.9	-18.9	0.5
21:08:30	28 24.4	-92 32.9	76.0	-85.3	114.2	200	139.7	1.3	-0.8	262.5	3.7*	34.0	33.2	24.4	24.4	0.0
21:08:30	28 21.0	-92 35.3	76.2	-87.2	115.8	201	0.0	16.7	-20.0	79.5*	85.4	50.0	49.1	24.4	24.4	2.3
21:08:29	28 21.0	-92 35.3	448.3	465.4	10045*	206	31.4	-7.5	-1.9	78.6	82.7*	0.0	38.6	317.9	74.7	40.2
21:09:00	28 18.1	-92 33.9	74.0	-85.7	113.2	178	140.2	1.7	-0.9	988.3	2.4*	33.6	32.8	-16.9	-18.9	0.5
21:09:00	28 23.0	-92 31.5	74.1	-84.8	112.6	197	139.9	1.5	-1.1	262.6	3.7*	34.0	33.2	24.1	24.1	0.0
21:09:00	28 19.6	-92 33.9	74.3	-86.8	114.3	200	0.0	18.4	-18.9	78.6*	84.4	50.0	49.1	24.2	24.2	2.3
21:08:59	28 19.6	-92 33.9	448.3	465.4	10044*	202	31.1	-7.9	-2.1	77.3	81.9*	0.0	38.7	318.8	73.0	40.2
21:09:30	28 16.7	-92 32.5	73.1	-84.7	111.9	177	140.2	1.7	-0.9	988.4	2.4*	33.6	32.8	-16.9	-18.8	0.5
21:09:30	28 21.7	-92 30.1	73.1	-83.9	111.3	196	140.2	1.5	-1.0	262.6	3.7*	33.9	33.1	23.6	23.6	0.0
21:09:30	28 18.2	-92 32.6	73.3	-85.9	113.0	199	0.0	18.5	-18.2	76.6*	82.4	50.0	49.1	23.8	23.8	2.3
21:09:29	28 18.2	-92 32.5	448.1	465.3	10044*	201	31.2	-8.8	-2.4	75.6	79.7*	0.0	38.7	318.9	71.7	40.2
21:10:00	28 15.4	-92 31.2	72.4	-84.0	110.8	176	140.3	1.9	-1.1	988.5	2.4*	33.6	32.8	-16.9	-18.9	0.5
21:10:00	28 20.3	-92 28.8	72.4	-83.1	110.2	195	140.0	1.8	-1.3	262.6	3.7*	33.9	33.1	22.6	22.6	0.0
21:10:00	28 16.8	-92 31.2	72.6	-85.1	111.9	203	0.0	20.7	-16.7	75.2*	80.8	50.0	49.1	23.4	23.4	2.3
21:09:59	28 16.8	-92 31.2	448.2	465.3	10044*	201	31.3	-6.8	-1.6	73.8	78.2*	0.0	38.7	318.8	70.6	40.2
21:10:30	28 14.0	-92 29.9	71.9	-83.2	109.9	176	140.4	2.0	-0.8	988.6	2.4*	33.5	32.7	-16.9	-18.8	0.5
21:10:30	28 19.0	-92 27.5	71.8	-82.4	109.3	195	140.0	1.9	-0.9	262.6	3.7*	33.8	33.0	22.8	22.8	0.0
21:10:30	28 15.5	-92 29.9	72.2	-84.3	111.0	203	0.0	21.1	-15.9	73.4*	79.1	50.0	49.1	23.4	23.4	2.3
21:10:29	28 15.4	-92 29.9	448.0	465.1	10044*	200	31.1	-9.8	-2.7	72.7	76.4*	0.0	38.7	318.8	69.7	40.2
21:11:00	28 12.7	-92 28.6	71.6	-83.0	109.6	177	140.0	2.1	-0.4	988.5	2.4*	33.4	32.6	-16.9	-18.8	0.5
21:11:00	28 17.6	-92 26.2	71.5	-82.2	109.0	195	139.7	1.9	-0.5	262.6	3.7*	33.8	33.0	22.9	22.9	0.0
21:11:00	28 14.1	-92 28.6	72.0	-84.1	110.7	207	0.0	21.6	-15.7	73.4*	79.0	50.0	49.1	23.5	23.5	2.3
21:10:59	28 14.1	-92 28.6	447.9	465.1	10044*	201	31.3	-8.0	-2.1	72.4	76.2*	0.0	38.7	319.0	69.4	40.2
21:11:30	28 11.3	-92 27.3	71.7	-82.8	109.6	177	140.3	2.0	-0.7	988.5	2.4*	33.4	32.6	-16.9	-18.9	0.5
21:11:30	28 16.3	-92 24.9	71.6	-82.1	108.9	195	140.3	1.8	-0.9	262.5	3.7*	33.8	33.0	22.7	22.7	0.0
21:11:30	28 12.7	-92 27.3	72.0	-84.0	110.6	208	0.0	20.9	-16.0	73.5*	79.0	50.0	49.1	23.2	23.2	2.3
21:11:29	28 12.7	-92 27.2	448.0	465.1	10045*	201	30.9	-6.2	-1.5	72.2	76.5*	0.0	38.6	318.6	69.4	40.2
21:12:00	28 10.0	-92 25.9	73.4	-81.3	109.5	176	139.1	2.0	-1.3*	988.6	2.4*	33.3	32.5	-16.9	-18.9	0.5
21:12:00	28 15.0	-92 23.5	73.3	-80.5	108.9	195	138.8	1.8	-1.5*	262.5	3.7*	33.7	32.9	22.7	22.7	0.0
21:12:00	28 11.4	-92 25.9	73.8	-82.4	110.6	207	0.0	20.7	-15.9	72.6*	78.2	50.0	49.1	23.4	23.4	2.4
21:11:59	28 11.4	-92 25.9	447.8	464.9	10045*	201	30.7	-9.2	-2.5	71.8	75.5*	0.0	38.6	317.5	69.4	40.2

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:12:30	28 8.4	-92 25.3	-31.4	-103.5	108.2	178	197.3*	2.1	24.3	987.4	2.4*	33.4	32.6	-16.9	-18.9	0.5
21:12:30	28 13.4	-92 22.9	-31.4	-103.0	107.7	197	197.0*	2.0	24.1	262.6	3.7*	33.7	32.9	22.8	22.8	0.0
21:12:30	28 9.8	-92 25.3	-28.0	-105.6	109.3	203	0.0	26.2	-13.4	72.3*	77.9	50.0	49.1	23.3	23.3	2.4
21:12:29	28 9.8	-92 25.3	447.9	465.0	10044*	202	30.9	-6.5	-1.3	71.1	75.8*	0.0	38.7	17.5	68.0	40.2
21:13:00	28 7.5	-92 26.9	-115.9	13.4	116.7	295	275.2*	3.0	31.9*	974.1	2.4*	32.6	31.8	-16.9	-18.9	0.5
21:13:00	28 12.5	-92 24.5	-116.3	13.8	117.1	312	275.2*	2.9	31.7*	262.5	3.7*	32.9	32.1	22.9	22.9	0.0
21:13:00	28 8.8	-92 26.8	-115.7	8.0	116.0	313	0.0	23.7	-16.1	77.5*	82.4	50.0	49.1	23.0	23.0	2.5
21:12:59	28 8.8	-92 26.8	446.8	463.8	10045*	315	30.7	6.9	3.0	74.5	80.5*	0.0	38.7	97.7	76.6	40.1
21:13:30	28 8.5	-92 28.7	-95.8	71.7	119.7	520	305.7	5.2	1.2*	950.7	2.4*	31.5	30.7	-16.9	-18.8	0.5
21:13:30	28 13.5	-92 26.3	-96.3	72.1	120.3	536	305.4	5.0	1.0*	262.6	3.7*	31.8	31.0	20.5	20.5	0.0
21:13:30	28 9.7	-92 28.6	-95.7	70.5	118.8	533	0.0	14.9	-20.2	78.5*	83.7	50.0	49.1	21.5	21.5	2.7
21:13:29	28 9.7	-92 28.7	445.2	462.1	10044*	538	30.3	-1.2	0.0	76.9	81.0*	0.0	38.7	127.3	79.7	40.1
21:14:00	28 9.6	-92 30.6	-108.5	57.9	123.0	713	296.9	6.4*	-6.0*	929.8	2.4*	30.4	29.6	-16.9	-18.9	0.5
21:14:00	28 14.6	-92 28.2	-108.9	58.3	123.5	725	296.5	6.2*	-6.1*	262.5	3.7*	30.7	29.9	20.9	20.9	0.0
21:14:00	28 10.8	-92 30.5	-108.1	57.6	122.5	724	0.0	18.5	-20.7	84.7*	90.1	50.0	49.1	22.1	22.1	2.9
21:13:59	28 10.9	-92 30.5	443.5	460.4	10045*	730	30.0	4.0	1.5	83.0	87.3*	0.0	38.7	118.3	83.1	40.0
21:14:30	28 10.4	-92 32.5	-106.6	41.9	114.6	1056	289.8*	5.1	-4.7*	894.4	2.4*	27.2	26.4	-16.9	-18.9	0.5
21:14:30	28 15.4	-92 30.1	-107.1	42.2	115.1	1066	289.7*	4.9	-4.8*	262.5	3.7*	27.5	26.7	19.0	19.0	0.0
21:14:30	28 11.7	-92 32.4	-108.1	38.4	114.7	1064	0.0	16.8	-17.1	72.4*	77.1	50.0	49.1	21.3	21.3	3.6
21:14:29	28 11.7	-92 32.4	438.8	455.4	10045*	1073	29.3	2.6	1.0	70.5	74.3*	0.0	38.6	111.9	74.9	39.7
21:15:00	28 11.0	-92 34.5	-112.1	35.1	117.5	1255	286.0	6.3	1.8	873.6	2.4*	26.3	25.6	-16.9	-18.9	0.5
21:15:00	28 16.0	-92 32.2	-112.5	35.4	118.0	1258	285.8	6.1	1.6	262.5	3.7*	26.7	25.9	17.8	17.8	0.0
21:15:00	28 12.2	-92 34.4	-112.1	33.9	117.1	1281	0.0	19.9	-16.5	73.9*	78.8	50.0	49.1	20.4	20.4	3.8
21:14:59	28 12.2	-92 34.4	437.6	454.1	10045*	1273	28.6	1.2	0.7	72.1	76.3*	0.0	38.7	107.9	77.9	39.7
21:15:30	28 11.6	-92 36.5	-103.5	39.9	111.0	1564	289.5	7.2	-1.7*	843.2	2.4*	24.2	23.4	-16.9	-18.9	0.5
21:15:30	28 16.6	-92 34.1	-104.0	40.3	111.5	1571	289.2	7.0	-1.9*	262.6	3.7*	24.5	23.8	13.7	13.7	0.0
21:15:30	28 12.8	-92 36.4	-103.4	39.1	110.5	1574	0.0	22.3	-12.2	64.5*	69.0	50.0	49.1	16.8	16.8	4.4
21:15:29	28 12.8	-92 36.4	434.4	450.8	10044*	1579	27.9	-2.2	-0.3	62.8	66.5*	0.0	38.7	111.8	71.5	39.6
21:16:00	28 12.1	-92 38.4	-109.3	28.1	112.9	1778	282.8	5.5	-0.3	822.3	2.4*	23.2	22.4	-16.9	-18.9	0.5
21:16:00	28 17.2	-92 36.1	-109.7	28.4	113.3	1786	282.4	5.3	-0.4	262.6	3.8*	23.6	22.8	12.2	12.2	0.0
21:16:00	28 13.3	-92 38.3	-109.1	27.1	112.4	1806	0.0	20.5	-13.6	66.6*	71.1	50.0	49.1	15.1	15.1	4.7
21:15:59	28 13.3	-92 38.4	433.0	449.3	10044*	1795	27.5	0.8	0.5	65.0	68.5*	0.0	38.7	105.0	73.3	39.6
21:16:30	28 12.6	-92 40.5	-111.4	23.7	113.9	2000	280.0	5.6	-2.0*	801.4	2.4*	22.2	21.5	-16.9	-18.9	0.5
21:16:30	28 17.6	-92 38.1	-111.8	24.0	114.3	2006	279.9	5.4	-2.2*	262.5	3.7*	22.6	21.8	10.9	10.9	0.0
21:16:30	28 13.8	-92 40.3	-111.1	23.0	113.4	1997	0.0	20.8	-13.4	66.9*	71.4	50.0	49.1	13.5	13.5	5.0
21:16:29	28 13.8	-92 40.4	431.6	447.8	10046*	2014	27.2	1.3	0.6	65.3	68.9*	0.0	38.6	102.8	74.5	39.4
21:17:00	28 12.9	-92 42.5	-109.5	21.8	111.7	2264	279.2	7.1	1.4	776.5	2.4*	20.4	19.6	-16.9	-18.9	0.5
21:17:00	28 18.0	-92 40.2	-109.9	22.1	112.1	2271	279.0	6.9	1.2	262.5	3.8*	20.8	20.0	11.0	11.0	0.0
21:17:00	28 14.1	-92 42.4	-109.4	20.7	111.3	2250	0.0	21.1	-12.3	64.0*	68.1	50.0	49.1	13.7	13.7	5.7
21:16:59	28 14.1	-92 42.4	428.9	445.1	10045*	2280	26.5	1.9	0.9	62.2	65.8*	0.0	38.7	102.1	72.4	39.3

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:17:30	28 13.3	-92 44.5	-109.0	23.2	111.5	2520	280.5	6.4	-1.0	753.0	2.4*	19.0	18.2	-16.9	-18.9	0.5
21:17:30	28 18.4	-92 42.2	-109.4	23.5	111.9	2502	280.1	6.2	-1.1	262.6	3.7*	19.4	18.6	11.2	11.2	0.0
21:17:30	28 14.5	-92 44.4	-108.8	22.4	111.1	2522	0.0	23.9	-10.8	62.7*	67.0	50.0	49.1	13.7	13.7	6.2
21:17:29	28 14.5	-92 44.4	426.8	442.9	10044*	2539	25.9	0.0	0.3	61.2	64.7*	0.0	38.7	102.6	72.3	39.2
21:18:00	28 13.7	-92 46.6	-115.2	21.9	117.3	2681	279.8*	4.7	6.0*	738.6	2.4*	18.7	17.9	-16.9	-18.9	0.5
21:18:00	28 18.7	-92 44.2	-115.6	22.2	117.8	2668	279.4*	4.5	5.8*	262.6	3.7*	19.1	18.3	11.2	11.2	0.0
21:18:00	28 14.8	-92 46.4	-115.0	20.2	116.7	2

A/C 43, Flgt 060911I, Micro99 date 2006/09/11, Proj TexAQS Run on Fri Mar 23 10:34:50 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
21:22:30	28 23.3	-93 3.1	-101.2	86.0	132.8	4379	309.2	3.9	-0.7	601.3	2.4*	11.9	11.1	-16.9	-18.9	0.5
21:22:30	28 28.4	-93 0.9	-101.6	86.3	133.4	4363	309.2	3.7	-0.9	262.6	3.7*	12.4	11.6	-1.3	-1.4	0.0
21:22:30	28 24.3	-93 2.9	-100.9	85.2	132.1	4377	0.0	19.3	-15.4	68.3*	73.4	50.0	49.1	0.0	0.0	10.2
21:22:29	28 24.3	-93 3.0	416.4	431.9	10044*	4392	23.4	-12.2	-3.7	68.1	71.8*	0.0	38.7	131.2	94.1	38.8
21:23:00	28 24.7	-93 5.0	-102.6	88.7	135.6	4530	309.4	3.9	-0.9	590.0	2.4*	11.0	10.3	-16.9	-18.9	0.5
21:23:00	28 29.9	-93 2.8	-103.1	89.0	136.2	4510	309.1	3.8	-1.1	262.6	3.7*	11.5	10.8	-0.8	-0.9	0.0
21:23:00	28 25.7	-93 4.8	-102.4	88.0	135.0	4526	0.0	18.1	-16.1	70.1*	75.4	50.0	49.1	0.3	0.3	10.8
21:22:59	28 25.7	-93 4.8	415.2	430.7	10044*	4542	23.1	-12.5	-3.7	70.1	74.0*	0.0	38.6	131.8	97.0	38.7
21:23:30	28 26.2	-93 6.9	-103.9	90.2	137.6	4678	309.5	3.9	-1.1	579.2	2.4*	10.8	10.0	-16.9	-18.9	0.5
21:23:30	28 31.3	-93 4.7	-104.4	90.5	138.1	4657	309.1	3.8	-1.2	262.5	3.7*	11.3	10.5	-2.2	-2.5	0.0
21:23:30	28 27.1	-93 6.7	-103.7	89.5	137.0	4676	0.0	18.2	-15.9	69.9*	75.2	50.0	49.1	-1.0	-1.2	11.0
21:23:29	28 27.1	-93 6.7	414.9	430.3	10045*	4691	22.9	-12.4	-3.6	69.9	73.8*	0.0	38.6	131.8	99.0	38.7
21:24:00	28 27.7	-93 8.8	-104.4	91.1	138.6	4832	309.2	4.1	-0.7	568.0	2.4*	10.0	9.3	-16.9	-18.9	0.5
21:24:00	28 32.8	-93 6.6	-104.9	91.4	139.1	4805*	308.9	3.9	-0.8	262.6	3.7*	10.6	9.8	-3.8	-4.3	0.0
21:24:00	28 28.6	-93 8.6	-104.2	90.4	138.0	4830	0.0	18.6	-15.6	68.8*	74.0	50.0	49.1	-2.5	-2.8	11.6
21:23:59	28 28.6	-93 8.6	413.8	429.1	10044*	4847	22.7	-12.0	-3.5	68.8	72.7*	0.0	38.7	132.1	100.0	38.6
21:24:30	28 29.1	-93 10.7	-104.2	91.8	138.8	5005	309.4	4.1	-0.9	556.0	2.4*	8.6	7.9	-16.9	-18.9	0.5
21:24:30	28 34.3	-93 8.5	-104.6	92.0	139.4	4855	309.4	3.9	-1.1	262.5	3.7*	9.1	8.4	-3.0	-3.4	0.0
21:24:30	28 30.1	-93 10.5	-104.0	91.1	138.3	5002	0.0	18.4	-15.8	69.1*	74.3	50.0	49.1	-1.7	-1.9	12.8
21:24:29	28 30.1	-93 10.5	411.7	426.9	10045*	5016	22.4	-11.8	-3.4	69.1	73.0*	0.0	38.6	132.4	100.4	38.5
21:25:00	28 30.6	-93 12.6	-104.7	91.4	139.0	5170	309.8	4.1	-1.3	544.4	2.4*	7.5	6.7	-16.9	-18.9	0.5
21:25:00	28 35.8	-93 10.4	-105.2	91.7	139.5	4864*	309.6	3.9	-1.5	262.6	3.7*	8.0	7.2	-3.7	-4.2	0.0
21:25:00	28 31.5	-93 12.4	-104.5	90.8	138.4	5173	0.0	18.1	-15.4	67.2*	72.4	50.0	49.1	-2.7	-3.0	13.9
21:24:59	28 31.6	-93 12.5	410.0	425.2	10044*	5184	20.2	-13.2	-4.0	67.4	71.1*	0.0	38.7	131.9	100.6	38.5
21:25:30	28 32.0	-93 14.6	-120.3	74.6	141.5	5276	301.4	3.5	-6.6	537.2	2.4*	7.8	7.1	-16.9	-18.9	0.5
21:25:30	28 37.1	-93 12.5	-120.7	74.9	142.0	4915	301.0	3.4	-6.7	262.6	3.7*	8.1	7.4	-4.2	-4.7	0.0
21:25:30	28 32.9	-93 14.5	-119.6	74.7	141.0	5282	0.0	19.8	-14.8	68.6*	73.8	50.0	49.1	-3.1	-3.6	13.6
21:25:29	28 32.9	-93 14.5	410.5	425.7	10044*	5290	6.5	-12.3	-3.8	68.8	72.6*	0.0	38.7	122.2	103.1	38.5
21:26:00	28 33.2	-93 16.9	-113.6	91.4	145.7	5332	308.5	2.0	2.8*	533.3	2.4*	7.7	7.0	-16.9	-18.9	0.5
21:26:00	28 38.4	-93 14.7	-114.0	91.7	146.3	4971	308.1	1.8	2.6*	262.6	3.7*	8.2	7.5	-4.5	-5.1	0.0
21:26:00	28 34.1	-93 16.7	-113.5	90.5	145.2	5334	0.0	19.3	-15.3	70.3*	75.7	50.0	49.1	-3.3	-3.7	13.6
21:25:59	28 34.1	-93 16.7	410.4	425.6	10044*	5344	9.5	-13.3	-3.8	70.9	74.8*	0.0	38.7	129.3	107.3	38.5
21:26:30	28 34.8	-93 19.0	-115.0	97.4	150.7	5336	309.4	1.4	-0.8	532.7	2.4*	7.9	7.2	-16.9	-18.9	0.5
21:26:30	28 39.9	-93 16.8	-115.4	97.7	151.2	5018*	309.4	1.3	-1.0	262.6	3.7*	8.5	7.7	-3.9	-4.4	0.0
21:26:30	28 35.6	-93 18.8	-114.6	97.0	150.1	5339	0.0	15.9	-18.6	76.0*	81.3	50.0	49.1	-2.7	-3.1	13.4
21:26:29	28 35.7	-93 18.8	410.7	425.9	10044*	5351	17.6	-8.9	-2.4	76.6	80.7*	0.0	38.7	130.7	112.2	38.5
21:27:00	28 36.3	-93 21.1	-114.0	96.8	149.6	5336	309.7	1.5	-1.1	532.7	2.4*	7.8	7.1	-16.9	-18.9	0.5
21:27:00	28 41.5	-93 18.9	-114.4	97.1	150.0	5029*	309.4	1.3	-1.2	262.6	3.7*	8.3	7.6	-3.1	-3.6	0.0
21:27:00	28 37.2	-93 20.9	-113.8	96.4	149.1	5338	0.0	14.7	-19.3	76.3*	81.6	50.0	49.1	-2.1	-2.4	13.6
21:26:59	28 37.2	-93 20.9	410.5	425.7	10044*	5350	15.5	-10.8	-3.0	77.0	81.2*	0.0	38.7	130.8	111.1	38.5

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:27:30	28 37.9	-93 23.2	-112.9	96.8	148.8	5335	309.6	1.6	-1.0	532.7	2.4*	7.8	7.1	-16.9	-18.9	0.5
21:27:30	28 43.1	-93 21.0	-113.3	97.1	149.3	4907	309.3	1.5	-1.1	262.6	3.7*	8.3	7.6	-3.1	-3.6	0.0
21:27:30	28 38.8	-93 23.0	-112.7	96.5	148.3	5338	0.0	16.5	-18.1	75.5*	80.7	50.0	49.1	-2.0	-2.2	13.5
21:27:29	28 38.8	-93 23.0	410.5	425.7	10044*	5349	22.4	-9.6	-2.6	76.1	80.2*	0.0	38.7	131.1	110.3	38.5
21:28:00	28 39.5	-93 25.2	-112.1	98.1	149.0	5334	309.7	1.6	-1.1	532.7	2.4*	7.9	7.2	-16.9	-18.9	0.5
21:28:00	28 44.7	-93 23.1	-112.5	98.5	149.5	5030*	309.3	1.4	-1.2	262.6	3.7*	8.5	7.7	-5.1	-5.8	0.0
21:28:00	28 40.4	-93 25.0	-111.8	97.8	148.5	5339	0.0	16.4	-18.0	74.9*	80.0	50.0	49.1	-3.8	-4.3	13.4
21:27:59	28 40.4	-93 25.1	410.7	425.9	10044*	5349	22.4	-8.7	-2.3	75.3	79.5*	0.0	38.6	131.9	110.6	38.5
21:28:30	28 41.1	-93 27.3	-112.2	98.3	149.2	5337	309.6	1.3	-1.0	532.5	2.4*	8.0	7.3	-16.9	-18.9	0.5
21:28:30	28 46.3	-93 25.2	-112.5	98.6	149.6	4963*	309.6	1.2	-1.1	262.6	3.7*	8.5	7.8	-5.3	-6.0	0.0
21:28:30	28 41.9	-93 27.1	-111.9	98.1	148.8	5342	0.0	14.9	-19.2	76.6*	81.7	50.0	49.1	-3.8	-4.3	13.4
21:28:29	28 42.0	-93 27.1	410.8	426.0	10044*	5351	22.3	-8.1	-2.1	77.1	81.3*	0.0	38.7	131.9	110.7	38.5
21:29:00	28 42.7	-93 29.3	-112.1	98.4	149.1	5335	309.6	1.5	-1.0	532.6	2.3*	8.0	7.3	-16.9	-18.9	0.9
21:29:00	28 47.9	-93 27.3	-112.4	98.7	149.5	4788	309.4	1.3	-1.2	262.0	3.6*	8.5	7.8	-4.0	-4.6	0.0
21:29:00	28 43.5	-93 29.1	-111.7	98.2	148.7	5340	0.0	15.7	-18.5	75.4*	80.6	50.0	49.1	-3.0	-3.4	13.3
21:28:59	28 43.5	-93 29.2	411.1	426.4	10060*	5350	22.9	-9.1	-2.4	75.9	80.1*	0.0	37.7	132.0	111.6	37.6
21:29:30	28 44.3	-93 31.4	-111.0	98.3	148.2	5333	309.7	1.6	-1.0	532.6	2.4*	8.0	7.3	-16.9	-18.9	0.4
21:29:30	28 49.5	-93 29.3	-111.3	98.6	148.7	4903*	309.3	1.5	-1.1	262.6	3.8*	8.5	7.8	-4.3	-4.9	0.0
21:29:30	28 45.1	-93 31.2	-110.6	98.1	147.9	5341	0.0	15.8	-18.7	76.0*	81.2	50.0	49.1	-3.4	-3.8	13.4
21:29:29	28 45.1	-93 31.2	410.8	426.0	10043*	5349	22.8	-8.8	-2.3	76.5	80.8*	0.0	38.8	132.3	109.7	38.6
21:30:00	28 45.9	-93 33.4	-110.8	98.4	148.2	5333	309.6	1.6	-0.9	532.7	2.2*	8.3	7.6	-16.9	-18.9	1.1
21:30:00	28 51.1	-93 31.4	-111.1	98.7	148.6	4875*	309.2	1.4	-1.0	261.6	3.5*	8.8	8.1	-6.1	-6.8	0.0
21:30:00	28 46.7	-93 33.2	-110.4	98.2	147.8	5340	0.0	16.4	-17.8	74.5*	79.6	50.0	49.2	-4.6	-5.2	13.0
21:29:59	28 46.7	-93 33.2	411.7	427.1	10069*	5348	22.8	-8.4	-2.2	74.9	79.1*	0.0	37.1	132.4	111.2	37.0
21:30:30	28 47.5	-93 35.5	-110.6	98.3	148.0	5333	309.7	1.7	-0.9	532.6	2.4*	8.1	7.4	-16.9	-18.9	0.5
21:30:30	28 52.7	-93 33.4	-110.9	98.6	148.4	4925*	309.7	1.5	-1.0	262.5	3.7*	8.6	7.9	-5.2	-5.9	0.0
21:30:30	28 48.3	-93 35.3	-110.3	98.2	147.7	5339	0.0	16.3	-18.0	74.9*	80.1	50.0	49.1	-3.8	-4.3	13.3
21:30:29	28 48.3	-93 35.3	411.0	426.2	10045*	5349	22.5	-8.7	-2.3	75.4	79.7*	0.0	38.6	132.5	109.6	38.5
21:31:00	28 49.1	-93 37.5	-110.7	98.0	147.9	5334	309.7	1.5	-1.0	532.5	2.4*	7.9	7.2	-16.9	-18.9	0.5
21:31:00	28 54.3	-93 35.5	-110.9	98.3	148.2	5020*	309.5	1.3	-1.2	262.6	3.7*	8.4	7.7	-4.8	-5.4	0.0
21:31:00	28 49.9	-93 37.3	-110.3	98.0	147.5	5338	0.0	15.4	-18.6	75.3*	80.4	50.0	49.1	-3.5	-4.0	13.4
21:30:59	28 49.9	-93 37.3	410.7	425.9	10044*	5351	22.6	-8.9	-2.4	75.8	80.0*	0.0	38.7	132.3	109.4	38.5
21:31:30	28 50.7	-93 39.6	-110.9	98.3	148.2	5334	309.6	1.4	-0.9	532.5	2.4*	7.9	7.2	-16.9	-18.9	0.5
21:31:30	28 55.9	-93 37.5	-111.1	98.6	148.6	4970*	309.3	1.3	-1.0	262.5	3.7*	8.4	7.7	-4.8	-5.5	0.0
21:31:30	28 51.5	-93 39.3	-110.5	98.3	147.8	5333	0.0	15.7	-18.5	75.6*	80.7	50.0	49.1	-3.6	-4.1	13.5
21:31:29	28 51.5	-93 39.3	410.6	425.9	10045*	5350	22.7	-8.6	-2.2	76.1	80.4*	0.0	38.7	132.3	109.7	38.5
21:32:00	28 52.2	-93 41.6	-110.8	98.4	148.2	5334	309.7	1.5	-1.1	532.4	2.4*	7.8	7.1	-16.9	-18.9	0.5
21:32:00	28 57.4	-93 39.6	-111.0	98.7	148.6	4862	309.3	1.3	-1.2	262.5	3.7*	8.4	7.6	-4.6	-5.2	0.0
21:32:00	28 53.1	-93 41.4	-110.4	98.5	147.9	5334	0.0	15.4	-18.8	76.0*	81.2	50.0	49.1	-3.4	-3.9	13.5
21:31:59	28 53.1	-93 41.4	410.6	425.8	10045*	5350	22.5	-9.7	-2.6	76.6	80.9*	0.0	38.7	132.4	109.8	38.5

A/C 43, Flgt 060911I, Micro99 date 2006/09/11, Proj TexAQS Run on Fri Mar 23 10:34:50 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
21:32:30	28 53.8	-93 43.6	-111.1	98.5	148.5	5334	309.7	1.3	-1.0	532.4	2.4*	7.9	7.1	-16.9	-18.9	0.5
21:32:30	28 59.0	-93 41.6	-111.3	98.8	148.8	4920*	309.7	1.1	-1.2	262.6	3.7*	8.4	7.6	-4.7	-5.3	0.0
21:32:30	28 54.7	-93 43.4	-110.6	98.6	148.2	5337	0.0	15.1	-19.1	76.5*	81.7	50.0	49.1	-3.5	-4.0	13.5
21:32:29	28 54.7	-93 43.4	410.6	425.8	10044*	5350	22.8	-8.4	-2.2	77.0	81.4*	0.0	38.7	132.3	110.0	38.5
21:33:00	28 55.4	-93 45.7	-111.1	98.2	148.2	5332	309.7	1.4	-0.9	532.4	2.4*	7.7	7.0	-16.9	-18.9	0.5
21:33:00	29 0.7	-93 43.7	-111.2	98.5	148.6	4923	309.5	1.2	-1.1	262.5	3.7*	8.2	7.5	-4.9	-5.5	0.0
21:33:00	28 56.3	-93 45.4	-110.6	98.3	148.0	5339	0.0	15.4	-18.8	76.0*	81.2	50.0	49.1	-3.6	-4.1	13.6
21:32:59	28 56.3	-93 45.4	410.4	425.6	10045*	5349	22.4	-8.3	-2.2	76.5	80.9*	0.0	38.6	132.2	109.8	38.4
21:33:30	28 57.0	-93 47.7	-110.4	97.4	147.3	5329	309.7	1.5	-1.1	532.6	2.4*	7.7	7.0	-16.9	-18.9	0.5
21:33:30	29 2.2	-93 45.7	-110.6	97.8	147.6	4974	309.4	1.3	-1.2	262.5	3.7*	8.2	7.5	-4.8	-5.5	0.0
21:33:30	28 57.9	-93 47.5	-109.9	97.6	147.0	5341	0.0	15.9	-18.1	74.8*	79.9	50.0	49.1	-3.7	-4.2	13.7
21:33:29	28 57.9	-93 47.5	410.4	425.6	10045*	5346	22.6	-8.3	-2.1	75.2	79.5*	0.0	38.7	132.2	108.8	38.5
21:34:00	28 58.6	-93 49.8	-109.8	96.5	146.2	5328	309.7	1.6	-0.9	532.6	2.4*	7.7	7.0	-16.9	-18.9	0.5
21:34:00	29 3.8	-93 47.7	-109.9	96.8	146.5	4953*	309.3	1.4	-1.0	262.6	3.7*	8.3	7.5	-5.2	-5.9	0.0
21:34:00	28 59.4	-93 49.5	-109.3	96.7	145.9	5342	0.0	16.2	-17.9	74.3*	79.4	50.0	49.1	-3.9	-4.4	13.6
21:33:59	28 59.5	-93 49.5	410.4	425.6	10044*	5345	22.5	-8.8	-2.3	74.8	79.1*	0.0	38.6	132.0	107.8	38.4
21:34:30	29 0.2	-93 51.8	-109.1	96.0	145.4	5326	309.6	1.7	-0.9	532.7	2.4*	7.7	6.9	-16.9	-18.9	0.5
21:34:30	29 5.4	-93 49.8	-109.2	96.4	145.6	4916*	309.6	1.5	-1.1	262.5	3.7*	8.2	7.5	-5.2	-5.9	0.0
21:34:30	29 1.0	-93 51.5	-108.6	96.3	145.2	5343	0.0	16.8	-17.2	73.3*	78.3	50.0	49.1	-4.1	-4.6	13.7
21:34:29	29 1.0	-93 51.5	410.3	425.5	10045*	5342	22.5	-8.4	-2.2	73.7	77.9*	0.0	38.6	132.1	107.0	38.4
21:35:00	29 1.7	-93 53.8	-113.1	99.7	150.8	5212	310.3	-1.3	-0.5*	540.3	2.4*	9.0	8.2	-16.9	-18.9	0.5
21:35:00	29 7.0	-93 51.8	-113.1	100.1	151.0	4822	310.0	-1.4	-0.7*	262.5	3.7*	9.5	8.7	-4.2	-4.7	0.0
21:35:00	29 2.6	-93 53.5	-112.6	99.8	150.5	5229	0.0	15.6	-19.8	79.1*	84.6	50.0	49.1	-3.2	-3.6	12.5
21:34:59	29 2.6	-93 53.5	412.2	427.5	10045*	5230	22.5	-11.8	-3.3	80.1	84.6*	0.0	38.7	132.0	112.3	38.6
21:35:30	29 3.4	-93 55.9	-109.7	97.3	146.6	5004	310.8	-1.3	-2.1	555.1	2.4*	9.7	9.0	-16.9	-18.9	0.5
21:35:30	29 8.6	-93 53.9	-109.7	97.7	146.9	4839	310.4	-1.5	-2.2	262.5	3.7*	10.2	9.5	-3.1	-3.5	0.0
21:35:30	29 4.2	-93 55.6	-109.2	97.8	146.6	5012	0.0	17.7	-17.9	76.2*	81.6	50.0	49.1	-2.0	-2.2	11.8
21:35:29	29 4.2	-93 55.6	413.4	428.7	10045*	5019	22.8	-10.4	-2.9	77.3	81.5*	0.0	38.7	132.0	108.1	38.6
21:36:00	29 4.9	-93 57.9	-105.3	92.9	140.4	4768	310.4	-1.3	-1.6	571.5	2.4*	10.0	9.3	-16.9	-18.9	0.5
21:36:00	29 10.1	-93 55.9	-105.3	93.3	140.7	4752	310.0	-1.5	-1.8	262.6	3.7*	10.5	9.8	-1.8	-2.0	0.0
21:36:00	29 5.8	-93 57.5	-104.8	93.4	140.4	4779	0.0	20.8	-14.8	71.1*	76.3	50.0	49.1	-0.8	-0.9	11.6
21:35:59	29 5.8	-93 57.6	413.8	429.1	10044*	4787	23.2	-8.2	-2.2	71.8	75.8*	0.0	38.6	132.0	101.9	38.6
21:36:30	29 6.4	-93 59.8	-102.8	89.0	136.0	4537	310.4	-1.3	-1.6	588.4	2.4*	10.7	10.0	-16.9	-18.9	0.5
21:36:30	29 11.6	-93 57.8	-102.7	89.3	136.1	4509	310.4	-1.4	-1.8	262.5	3.7*	11.2	10.5	-0.1	-0.1	0.0
21:36:30	29 7.2	-93 59.5	-102.2	89.5	135.9	4541	0.0	21.7	-14.1	70.0*	75.0	50.0	49.1	0.7	0.7	11.0
21:36:29	29 7.2	-93 59.5	414.8	430.2	10045*	4555	23.3	-7.1	-1.8	70.5	74.4*	0.0	38.6	131.2	97.4	38.6
21:37:00	29 7.8	-94 1.7	-101.0	87.1	133.4	4283	309.9	-3.2	-2.1	607.2	2.4*	11.2	10.5	-16.9	-18.9	0.5
21:37:00	29 13.0	-93 59.6	-100.9	87.5	133.6	4248	309.6	-3.3	-2.3	262.5	3.7*	11.7	11.0	-0.3	-0.3	0.0
21:37:00	29 8.7	-94 1.3	-100.1	87.6	133.1	4296	0.0	20.5	-14.3	68.7*	73.6	50.0	49.1	0.4	0.4	10.6
21:36:59	29 8.7	-94 1.3	415.5	431.0	10045*	4305	23.5	-6.3	-1.6	69.2	72.9*	0.0	38.6	131.2	94.9	38.7

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:37:30	29 9.2	-94 3.6	-103.9	91.5	138.4	3942	309.4	-2.9	-0.6	632.9	2.4*	13.9	13.2	-16.9	-18.9	0.5
21:37:30	29 14.5	-94 1.5	-103.8	91.8	138.6	3915	309.0	-3.1	-0.7	262.5	3.7*	14.4	13.6	2.7	2.7	0.0
21:37:30	29 10.1	-94 3.2	-103.1	92.0	138.2	3958	0.0	17.6	-18.6	77.9*	83.1	50.0	49.1	3.8	3.8	8.8
21:37:29	29 10.1	-94 3.2	419.5	435.1	10045*	3964	23.7	-4.2	-0.8	78.3	82.6*	0.0	38.6	132.1	99.7	38.9
21:38:00	29 10.7	-94 5.5	-105.3	92.6	140.2	3618	309.8	-3.0	-1.2	658.4	2.4*	16.5	15.7	-16.9	-18.9	0.5
21:38:00	29 16.0	-94 3.5	-105.2	93.0	140.4	3592	309.4	-3.1

A/C 43, Flgt 060911I, Micro99 date 2006/09/11, Proj TexAQS Run on Fri Mar 23 10:34:50 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
21:42:30	29 22.4	-94 21.2	-95.7	78.2	123.6	838	309.7	-0.9	-0.9	915.5	2.4*	29.8	29.0	-16.9	-18.9	0.5
21:42:30	29 27.8	-94 19.2	-95.4	78.6	123.6	847	309.6	-1.1	-1.1	262.5	3.7*	30.1	29.3	18.5	18.5	0.0
21:42:30	29 23.4	-94 20.7	-94.6	79.1	123.4	844	0.0	14.6	-22.3	83.7*	89.5	50.0	49.1	20.3	20.3	3.0
21:42:29	29 23.5	-94 20.7	442.7	459.5	10045*	860	29.2	-5.9	-1.5	82.9	87.9*	0.0	38.6	129.1	83.7	39.9
21:43:00	29 23.7	-94 23.0	-94.9	77.6	122.6	686	310.0	-0.6	-1.1	931.3	2.4*	30.6	29.8	-16.9	-18.9	0.5
21:43:00	29 29.0	-94 20.9	-94.5	78.0	122.5	698	309.7	-0.8	-1.3	262.5	3.7*	30.9	30.1	18.9	18.9	0.0
21:43:00	29 24.7	-94 22.4	-93.8	78.6	122.3	685	0.0	18.0	-20.7	83.2*	89.2	50.0	49.1	20.9	20.9	2.8
21:42:59	29 24.7	-94 22.4	443.9	460.8	10045*	710	29.5	-7.2	-1.7	82.6	87.4*	0.0	38.6	129.0	82.7	40.0
21:43:30	29 24.9	-94 24.7	-99.2	70.6	121.7	649	305.7*	1.4	-22.4*	935.8	2.4*	30.9	30.1	-16.9	-18.9	0.5
21:43:30	29 30.3	-94 22.7	-98.7	71.0	121.6	661	305.4*	1.2	-22.4*	262.5	3.7*	31.2	30.4	19.3	19.3	0.0
21:43:30	29 26.0	-94 24.1	-96.2	74.0	121.4	640	0.0	19.9	-20.0	82.6*	88.8	50.0	49.1	20.8	20.8	2.8
21:43:29	29 26.0	-94 24.2	444.3	461.2	10045*	671	29.6	-10.8	-3.0	81.9	86.4*	0.0	38.6	125.1	81.8	40.0
21:44:00	29 25.3	-94 26.9	-120.9	-0.2	120.9	646	271.0	1.6	-0.7	935.9	2.4*	30.7	29.9	-16.9	-18.9	0.5
21:44:00	29 30.6	-94 24.8	-120.3	0.2	120.3	658	270.5	1.5	-0.8	262.6	3.7*	31.0	30.2	19.7	19.7	0.0
21:44:00	29 26.4	-94 26.3	-119.7	0.7	119.7	636	0.0	16.0	-20.5	80.2*	85.9	50.0	49.1	21.3	21.3	2.8
21:43:59	29 26.4	-94 26.3	443.9	460.8	10044*	668	29.8	-8.2	-2.1	79.2	84.0*	0.0	38.7	89.5	80.9	40.0
21:44:30	29 25.3	-94 29.1	-119.7	-0.4	119.7	649	270.7	1.5	-0.8	935.7	2.4*	30.0	29.2	-16.9	-18.9	0.5
21:44:30	29 30.6	-94 27.0	-119.1	0.0	119.1	661	270.5	1.3	-0.9	262.5	3.7*	30.3	29.5	20.0	20.0	0.0
21:44:30	29 26.4	-94 28.5	-118.6	0.6	118.6	656	0.0	16.5	-19.9	79.1*	84.8	50.0	49.1	21.3	21.3	3.0
21:44:29	29 26.4	-94 28.5	442.9	459.8	10045*	671	29.7	-7.4	-1.8	78.1	82.8*	0.0	38.6	89.5	79.8	39.9
21:45:00	29 25.3	-94 31.3	-119.5	-0.9	119.5	649	270.7	1.5	-1.0	935.7	2.4*	29.9	29.1	-16.9	-18.9	0.5
21:45:00	29 30.6	-94 29.2	-118.8	-0.5	118.8	661	270.7	1.3	-1.2	262.5	3.7*	30.2	29.4	20.2	20.2	0.0
21:45:00	29 26.4	-94 30.7	-118.3	0.1	118.3	659	0.0	16.0	-20.0	79.0*	84.7	50.0	49.1	21.5	21.5	3.0
21:44:59	29 26.4	-94 30.7	442.8	459.6	10045*	671	29.8	-8.5	-2.2	78.0	82.7*	0.0	38.6	89.2	79.5	39.9
21:45:30	29 25.3	-94 33.5	-119.2	-0.9	119.2	649	270.6	1.5	-1.0	935.8	2.4*	29.9	29.1	-16.9	-18.9	0.5
21:45:30	29 30.6	-94 31.4	-118.5	-0.5	118.5	661	270.3	1.4	-1.1	262.5	3.7*	30.2	29.4	20.4	20.4	0.0
21:45:30	29 26.4	-94 32.9	-118.1	0.1	118.1	657	0.0	16.4	-19.6	78.4*	84.1	50.0	49.1	21.5	21.5	3.0
21:45:29	29 26.4	-94 32.9	442.8	459.7	10045*	671	30.0	-8.1	-2.1	77.4	82.0*	0.0	38.6	89.2	79.2	39.9
21:46:00	29 25.2	-94 35.7	-117.5	-1.1	117.5	647	270.6	1.7	-0.8	936.2	2.4*	29.9	29.1	-16.9	-18.9	0.5
21:46:00	29 30.6	-94 33.6	-116.9	-0.6	116.9	659	270.2	1.5	-1.0	262.5	3.7*	30.2	29.4	20.2	20.2	0.0
21:46:00	29 26.4	-94 35.1	-116.5	-0.1	116.5	653	0.0	18.4	-17.8	75.5*	81.2	50.0	49.1	21.4	21.4	3.0
21:45:59	29 26.4	-94 35.1	442.8	459.6	10045*	669	30.1	-9.0	-2.3	74.7	79.1*	0.0	38.6	89.1	77.6	39.9
21:46:30	29 25.2	-94 37.9	-115.8	-1.0	115.8	647	270.5	1.8	-0.8	936.3	2.4*	29.8	29.0	-16.9	-18.9	0.5
21:46:30	29 30.6	-94 35.8	-115.1	-0.6	115.1	659	270.3	1.6	-0.9	262.5	3.7*	30.1	29.3	19.9	19.9	0.0
21:46:30	29 26.4	-94 37.2	-114.7	0.0	114.7	653	0.0	19.0	-16.6	72.9*	78.3	50.0	49.1	21.3	21.3	3.0
21:46:29	29 26.4	-94 37.2	442.6	459.5	10045*	669	29.8	-7.3	-1.7	72.0	76.3*	0.0	38.6	89.1	75.9	39.9
21:47:00	29 25.2	-94 40.0	-113.9	-0.8	113.9	650	270.5	1.8	-0.8	936.1	2.4*	29.9	29.1	-16.9	-18.9	0.5
21:47:00	29 30.6	-94 37.9	-113.2	-0.3	113.2	662	270.4	1.7	-1.0	262.5	3.7*	30.2	29.4	20.1	20.1	0.0
21:47:00	29 26.4	-94 39.3	-112.9	0.3	112.9	653	0.0	20.1	-15.7	71.9*	77.2	50.0	49.1	21.4	21.4	3.0
21:46:59	29 26.4	-94 39.3	442.8	459.6	10045*	671	31.0	-7.6	-1.8	71.0	75.1*	0.0	38.6	89.3	74.0	39.9

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:47:30	29 25.2	-94 42.1	-113.0	-1.1	113.0	645	270.6	2.0	-0.8	936.4	2.4*	29.6	28.8	-16.9	-18.9	0.5
21:47:30	29 30.6	-94 40.0	-112.2	-0.7	112.2	660	270.2	1.9	-1.0	262.5	3.7*	30.0	29.2	19.8	19.8	0.0
21:47:30	29 26.4	-94 41.4	-112.0	-0.1	112.0	652	0.0	21.1	-14.6	70.0*	75.2	50.0	49.1	21.4	21.4	3.0
21:47:29	29 26.4	-94 41.4	442.4	459.2	10045*	669	29.9	-8.5	-2.1	69.1	73.2*	0.0	38.7	89.0	73.1	40.0
21:48:00	29 25.2	-94 44.2	-112.2	-1.0	112.2	647	270.5	2.1	-0.8	936.5	2.4*	29.6	28.8	-16.9	-18.9	0.5
21:48:00	29 30.6	-94 42.1	-111.5	-0.5	111.5	660	270.1	1.9	-0.9	262.5	3.7*	29.9	29.1	19.7	19.7	0.0
21:48:00	29 26.4	-94 43.5	-111.2	0.1	111.2	640	0.0	21.7	-13.9	68.5*	73.8	50.0	49.1	21.0	21.0	3.0
21:47:59	29 26.4	-94 43.5	442.3	459.1	10045*	669	28.9	-8.1	-2.1	67.7	71.7*	0.0	38.6	89.2	72.3	39.9
21:48:30	29 25.2	-94 46.3	-111.4	-1.4	111.4	646	270.8	2.4	-1.2	936.7	2.4*	29.3	28.5	-16.9	-18.9	0.5
21:48:30	29 30.6	-94 44.1	-110.6	-0.9	110.6	659	270.6	2.2	-1.3	262.5	3.7*	29.7	28.9	20.1	20.1	0.0
21:48:30	29 26.4	-94 45.5	-110.4	-0.3	110.4	637	0.0	21.9	-13.6	68.0*	73.2	50.0	49.1	21.3	21.3	3.1
21:48:29	29 26.4	-94 45.5	441.9	458.7	10045*	668	29.1	-7.8	-2.0	67.2	71.1*	0.0	38.6	88.6	71.5	39.9
21:49:00	29 25.1	-94 48.3	-110.4	-1.6	110.5	650	270.6	2.3	-0.8	936.4	2.4*	29.5	28.7	-16.9	-18.9	0.5
21:49:00	29 30.5	-94 46.2	-109.6	-1.1	109.6	662	270.5	2.1	-1.0	262.6	3.7*	29.9	29.1	19.7	19.7	0.0
21:49:00	29 26.4	-94 47.6	-109.5	-0.5	109.5	644	0.0	22.1	-13.1	67.0*	72.2	50.0	49.1	21.1	21.1	3.1
21:48:59	29 26.4	-94 47.6	442.2	459.0	10044*	672	29.3	-8.1	-2.1	66.2	70.1*	0.0	38.7	88.6	70.5	39.9
21:49:30	29 25.1	-94 50.4	-110.7	-1.4	110.7	650	270.5	2.3	-1.0	936.4	2.4*	29.7	28.9	-16.9	-18.9	0.5
21:49:30	29 30.5	-94 48.2	-109.9	-1.0	109.9	663	270.2	2.2	-1.2	262.5	3.7*	30.1	29.3	19.5	19.5	0.0
21:49:30	29 26.4	-94 49.6	-109.8	-0.3	109.8	660	0.0	22.2	-13.2	67.3*	72.5	50.0	49.1	20.9	20.9	3.0
21:49:29	29 26.4	-94 49.6	442.5	459.4	10045*	671	29.1	-8.7	-2.3	66.5	70.4*	0.0	38.7	88.8	70.8	40.0
21:50:00	29 25.1	-94 52.4	-110.8	-1.2	110.8	649	270.4	2.3	-0.9	936.5	2.4*	29.7	28.9	-16.9	-18.9	0.5
21:50:00	29 30.5	-94 50.2	-109.9	-0.7	109.9	662	270.0	2.1	-1.0	262.5	3.7*	30.0	29.2	19.6	19.6	0.0
21:50:00	29 26.4	-94 51.6	-109.8	-0.0	109.8	666	0.0	21.8	-13.0	67.2*	72.4	50.0	49.1	20.8	20.8	3.0
21:49:59	29 26.4	-94 51.6	442.5	459.3	10046*	671	28.7	-8.5	-3.0	66.4	70.2*	0.0	38.6	89.1	70.9	39.9
21:50:30	29 25.1	-94 54.5	-110.7	-0.8	110.7	648	270.5	2.3	-0.7	936.5	2.4*	29.5	28.7	-16.9	-18.9	0.5
21:50:30	29 30.5	-94 52.3	-109.9	-0.3	109.9	661	270.3	2.1	-0.9	262.5	3.7*	29.8	29.0	19.6	19.6	0.0
21:50:30	29 26.4	-94 53.7	-109.8	0.3	109.8	669	0.0	22.5	-13.2	66.6*	71.8	50.0	49.1	21.0	21.0	3.1
21:50:29	29 26.4	-94 53.7	442.1	458.9	10045*	670	28.2	-8.7	-3.1	65.8	69.6*	0.0	38.7	89.3	70.8	39.9
21:51:00	29 25.1	-94 56.5	-110.7	-0.4	110.7	646	270.4	2.4	-0.9	936.7	2.4*	29.4	28.6	-16.9	-18.9	0.5
21:51:00	29 30.5	-94 54.3	-109.8	0.1	109.8	659	270.3	2.2	-1.0	262.5	3.7*	29.8	29.0	19.8	19.8	0.0
21:51:00	29 26.4	-94 55.7	-109.8	0.8	109.8	665	0.0	22.3	-12.6	65.9*	71.1	50.0	49.1	21.0	21.0	3.1
21:50:59	29 26.4	-94 55.7	442.1	458.9	10046*	670	28.5	-8.3	-1.9	65.1	68.9*	0.0	38.6	89.7	70.8	39.9
21:51:30	29 25.1	-94 58.6	-110.7	-0.4	110.7	646	270.5	2.3	-0.9	936.6	2.4*	29.1	28.3	-16.9	-18.9	0.5
21:51:30	29 30.5	-94 56.3	-109.8	0.1	109.8	661	270.1	2.2	-1.0	262.5	3.7*	29.5	28.7	20.6	20.6	0.0
21:51:30	29 26.4	-94 57.7	-109.8	0.7	109.8	667	0.0	22.4	-12.3	65.5*	70.6	50.0	49.1	21.7	21.7	3.1
21:51:29	29 26.4	-94 57.7	441.7	458.4	10045*	671	28.2	-8.4	-2.7	64.7	68.4*	0.0	38.7	89.7	70.7	39.9
21:52:00	29 25.0	-95 0.6	-110.8	-0.4	110.8	644	270.5	2.5	-1.0	936.8	2.4*	29.1	28.3	-16.9	-18.9	0.5
21:52:00	29 30.5	-94 58.4	-109.9	0.1	109.9	657	270.1	2.3	-1.1	262.5	3.7*	29.4	28.6	20.8	20.8	0.0
21:52:00	29 26.4	-94 59.8	-110.0	0.8	110.0	665	0.0	23.3	-11.8	64.7*	69.8	50.0	49.1	21.6	21.6	3.2
21:51:59	29 26.4	-94 59.8	441.6	458.4	10046*	669	28.0	-8.1	-3.2	63.9	67.6*	0.0	38.6	89.7	70.9	39.9

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:52:30	29 25.0	-95 2.7	-111.2	-0.6	111.2	647	270.7	2.3	-1.1	936.6	2.4*	29.6	28.8	-16.9	-18.9	0.5
21:52:30	29 30.5	-95 0.4	-110.3	-0.1	110.3	661	270.5	2.1	-1.2	262.5	3.7*	30.0	29.2	17.6	17.6	0.0
21:52:30	29 26.4	-95 1.8	-110.4	0.6	110.4	664	0.0	22.3	-13.0	66.3*	71.5	50.0	49.1	19.5	19.5	3.0
21:52:29	29 26.4	-95 1.8	442.4	459.2	10045*	671	26.3	-8.5	-3.2	65.5	69.3*	0.0	38.7	89.4	71.2	40.0
21:53:00	29 25.0	-95 4.8	-111.2	-1.8	111.2	649	270.5	2.1	-0.9	936.4	2.4*	29.5	28.7	-16.9	-18.9	0.5
21:53:00	29 30.5	-95 2.5	-110.3	-1.3	110.3	668	270.4	2.0	-1.0	262.6	3.7*	29.8	29.0	19.7	19.7	0.0
21:53:00	29 26.4	-95 3.9	-110.5	-0.6	110.5	664	0.0	21.3	-14.2	68.1*	73.3	50.0	49.1	21.1	21.1	3.1
21:52:59	29 26.4	-95 3.9	442.2	459.0	10044*	673	26.9	-8.4	-3.2	67.3	71.1*	0.0	38.7	88.6	71.2	40.0
21:53:30	29 25.0	-95 6.8	-111.0	-1.1	111.0	645	270.4	2.2	-1.0	936.6	2.4*	29.9	29.1	-16.9	-18.9	0.5
21:53:30	29 30.5	-95 4.5	-110.0	-0.6	110.1	658	270.0	2.1	-1.2	262.5	3.7*	30.3	29.5	18.2	18.2	0.0
21:53:30	29 26.4	-95 5.9	-110.3	0.1	110.3	664	0.0	21.9	-13.0	67.7*	72.9	50.0	49.1	20.3	20.3	3.0
21:53:29	29 26.4	-95 5.9	442.8	459.7	10046*	671	28.1	-8.1	-2.4	66.9	70.7*	0.0	38.6	89.1	71.0	39.9
21:54:00	29 25.0	-95 8.9	-110.9	-0.7	110.9	644	270.2	2.2	-0.9	936.6	2.4*	29.7	28.9	-16.9	-18.9	0.5
21:54:00	29 30.5	-95 6.5	-110.0	-0.1	110.0	660	269.8	2.0	-1.0	262.5	3.8*	30.1	29.3	17.7	17.7	0.0
21:54:00	29 26.4	-95 8.0	-110.2	0.5	110.2	663	0.0	21.5	-13.4	67.0*	72.1	50.0	49.1	19.6	19.6	3.0
21:53:59	29 26.4	-95 8.0	442.5	459.3	10046*	671	27.7	-7.4	-1.9	66.1	69.9*	0.0	38.6	89.5	71.0	39.9
21:54:30	29 25.0	-95 10.9	-110.7	-1.3	110.7	640	270.8	2.4	-1.2	936.8	2.4*	29.5	28.7	-16.9	-18.9	0.5
21:54:30	29 30.5	-95 8.6	-109.7	-0.7	109.7	656	270.6	2.2	-1.4	262.5	3.7*	29.8	29.0	19.4	19.4	0.0
21:54:30	29 26.4	-95 10.0	-110.0	-0.1	110.0	658	0.0	22.4	-12.9	66.7*	71.9	50.0	49.1	21.1	21.1	3.1
21:54:29	29 26.4	-95 10.0	442.2	459.0	10046*	670	29.0	-9.3	-2.5	65.9	69.7*	0.0	38.6	88.8	70.8	39.9
21:55:00	29 24.9	-95 13.0	-110.1	-1.7	110.1	643	270.4	2.4	-0.7	936.7	2.4*	29.5	28.7	-16.9	-18.9	0.5
21:55:00	29 30.4	-95 10.6	-109.2	-1.1	109.2	655	270.4	2.2	-0.9	262.6	3.7*	29.9	29.1	19.4	19.4	0.0
21:55:00	29 26.4	-95 12.0	-109.6	-0.5	109.6	659	0.0	22.0	-12.9	66.6*	71.6	50.0	49.1	20.9	20.9	3.1
21:54:59	29 26.4	-95 12.0	442.1	458.9	10044*	670	26.3	-8.1	-2.2	65.7	69.5*	0.0	38.7	88.6	70.2	40.0
21:55:30	29 24.9	-95 15.0	-110.0	-1.2	110.0	640	270.5	2.3	-1.0	936.7	2.4*	29.1	28.4	-16.9	-18.9	0.5
21:55:30	29 30.4	-95 12.6	-109.1	-0.6	109.1	661	270.1	2.1	-1.1	262.5	3.7*	29.5	28.7	20.9	20.9	0.0
21:55:30	29 26.4	-95 14.1	-109.5	0.0	109.5	659	0.0	22.2	-13.1	66.1*	71.2	50.0	49.1	21.6	21.6	3.1
21:55:29	29 26.4	-95 14.1	441.7	458.5	10046*	671	27.1	-9.0	-2.6	65.3	69.0*	0.0	38.6	89.1	70.1	39.9
21:56:00	29 24.9	-95 17.0	-110.2	-1.1	110.2	639	270.5	2.2	-1.1	936.6	2.4*	29.3	28.5	-16.9	-18.8	0.5
21:56:00	29 30.4	-95 14.7	-109.3	-0.5	109.3	653	270.1	2.0	-1.2	262.6	3.7*	29.7	28.9	20.1	20.1	0.0
21:56:00	29 26.4	-95 16.1	-109.7	0.2	109.7	656	0.0	21.9	-13.0	66.9*	72.0	50.0	49.1	21.6	21.6	3.1
21:55:59	29 26.4	-95 16.1	442.0	458.7	10044*	672	27.9	-7.0	-1.8	66.0	69.8*	0.0	38.7	89.0	70.3	39.9
21:56:30	29 24.9	-95 19.1	-110.3	-1.9	110.3	635	270.6	2.3	-1.0	936.7	2.4*	29.3	28.5	-16.9	-18.9	0.5
21:56:30	29 30.4	-95 16.7	-109.3	-1.3	109.4	647	270.4	2.0	-1.2	262.5	3.7*	29.7	28.9	20.1	20.1	0.0
21:56:30	29 26.4	-95 18.1	-109.8	-0.7	109.8	655	0.0	21.6	-13.5	67.2*	72.5	50.0	49.1	21.3	21.3	3.1
21:56:29	29 26.4	-95 18.1	441.9	458.7	10045*	672	28.3	-9.6	-2.6	66.5	70.2*	0.0	38.6	88.4	70.5	39.8
21:57:00	29 24.9	-95 21.1	-110.4	-1.8	110.4	640	270.5	2.1	-1.0	936.5	2.4*	29.4	28.6	-16.9	-18.8	0.5
21:57:00	29 30.4	-95 18.7	-109.4	-1.2	109.4	654	270.5	1.9	-1.2	262.6	3.7*	29.8	29.0	20.1	20.1	0.0
21:57:00	29 26.4	-95 20.2	-109.9	-0.6	109.9	659	0.0	21.9	-13.6	67.8*	73.0	50.0	49.1	21.6	21.6	3.1
21:56:59	29 26.4	-95 20.2	442.1	458.9	10044*	674	27.0	-8.7	-2.3	67.0	70.8*	0.0	38.6	88.5	70.5	39.9

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:57:30	29 24.8	-95 23.2	-109.9	-1.0	109.9	639	270.3	2.1	-1.0	936.5	2.4*	29.3	28.5	-16.9	-18.9	0.5
21:57:30	29 30.4	-95 20.7	-108.9	-0.4	108.9	652	270.0	2.0	-1.1	262.5	3.7*	29.7	28.9	21.4	21.4	0.0
21:57:30	29 26.4	-95 22.2	-109.5	0.2	109.5	660	0.0	20.8	-14.6	69.3*	74.6	50.0	49.1	22.4	22.4	3.1
21:57:29	29 26.4	-95 22.2	441.9	458.7	10045*	675	26.7	-8.0	-2.1	68.5	72.4*	0.0	38.7	89.2	70.0	39.9
21:58:00	29 24.8	-95 25.2	-109.4	-1.2	109.4	636	270.5	2.2	-1.1	936.7	2.4*	29.0	28.2	-16.9	-18.9	0.5
21:58:00	29 30.4	-95 22.8	-108.4	-0.6	108.4	652	270.1	2.0	-1.2	262.5	3.8*	29.4	28.6	21.8	21.8	0.0
21:58:00	29 26.4	-95 24.2	-109.0	-0.1	109.0	659	0.0	21.5	-14.5	67.8*	73.0

A/C 43, Flgt 060911I, Micro99 date 2006/09/11, Proj TexAQS Run on Fri Mar 23 10:34:50 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
22:02:30	29 27.6	-95 30.5	-97.1	64.6	116.6	949	304.4	1.9	-0.8	903.0	2.4*	28.1	27.3	-16.9	-18.8	0.5
22:02:30	29 33.3	-95 27.9	-96.3	65.3	116.4	962	304.3	1.7	-1.0	262.6	3.7*	28.3	27.5	19.5	19.5	0.0
22:02:30	29 29.4	-95 29.5	-97.3	65.7	117.4	991	0.0	18.3	-17.5	72.8*	78.4	50.0	49.1	20.5	20.5	3.4
22:02:29	29 29.4	-95 29.5	440.2	456.9	10044*	988	25.6	-8.2	-3.0	72.0	76.0*	0.0	38.7	123.5	76.7	39.9
22:03:00	29 28.7	-95 32.3	-94.8	65.6	115.3	956	304.9	1.6	-0.5	902.9	2.4*	27.8	27.1	-16.9	-18.9	0.5
22:03:00	29 34.4	-95 29.7	-94.1	66.3	115.1	970	304.7	1.5	-0.7	262.5	3.7*	28.1	27.3	19.7	19.7	0.0
22:03:00	29 30.4	-95 31.3	-95.1	66.5	116.1	999	0.0	17.9	-17.1	72.2*	77.6	50.0	49.1	21.2	21.2	3.4
22:02:59	29 30.4	-95 31.3	439.8	456.5	10045*	990	24.9	-8.3	-3.1	71.4	75.3*	0.0	38.7	124.8	75.5	39.8
22:03:30	29 29.8	-95 34.0	-92.9	65.1	113.4	953	306.0	2.2	-1.9	903.2	2.4*	27.9	27.1	-16.9	-18.9	0.5
22:03:30	29 35.5	-95 31.4	-92.2	65.8	113.3	970	305.7	2.0	-2.0	262.5	3.7*	28.1	27.3	19.7	19.7	0.0
22:03:30	29 31.5	-95 33.0	-93.2	66.2	114.3	997	0.0	20.3	-14.8	69.9*	75.5	50.0	49.1	20.5	20.5	3.4
22:03:29	29 31.5	-95 33.0	439.8	456.5	10045*	988	23.7	-9.4	-3.5	69.3	73.1*	0.0	38.7	124.7	73.6	39.8
22:04:00	29 30.8	-95 35.7	-92.3	62.8	111.6	946	305.1	2.3	-0.9	903.3	2.4*	28.2	27.4	-16.9	-18.9	0.5
22:04:00	29 36.5	-95 33.1	-91.6	63.6	111.5	959	304.7	2.1	-1.0	262.5	3.7*	28.4	27.6	18.9	18.9	0.0
22:04:00	29 32.6	-95 34.7	-92.6	63.8	112.5	989	0.0	21.0	-14.1	68.2*	73.6	50.0	49.1	19.6	19.6	3.3
22:03:59	29 32.6	-95 34.8	440.4	457.1	10045*	985	25.5	-8.2	-3.0	67.5	71.2*	0.0	38.6	124.0	71.8	39.8
22:04:30	29 31.8	-95 37.4	-91.7	62.6	111.0	949	305.1	2.0	-1.2	902.9	2.4*	27.8	27.0	-16.9	-18.9	0.5
22:04:30	29 37.5	-95 34.8	-90.9	63.3	110.8	961	305.1	1.8	-1.3	262.5	3.7*	28.1	27.3	18.3	18.3	0.0
22:04:30	29 33.6	-95 36.5	-92.0	63.5	111.8	994	0.0	22.8	-12.6	67.3*	72.7	50.0	49.1	20.2	20.2	3.4
22:04:29	29 33.6	-95 36.5	439.8	456.4	10045*	990	26.8	-10.6	-2.7	66.8	70.6*	0.0	38.6	124.3	71.2	39.8
22:05:00	29 32.8	-95 39.1	-92.1	61.2	110.5	949	305.6	2.1	-1.8	903.1	2.4*	28.4	27.6	-16.9	-18.9	0.5
22:05:00	29 38.6	-95 36.5	-91.3	62.0	110.4	961	305.4	1.9	-2.0	262.5	3.7*	28.8	28.0	16.1	16.1	0.0
22:05:00	29 34.6	-95 38.2	-92.4	62.1	111.3	995	0.0	20.5	-14.5	68.8*	74.2	50.0	49.1	18.5	18.5	3.3
22:04:59	29 34.6	-95 38.2	440.6	457.4	10045*	989	27.5	-11.9	-3.3	68.2	72.0*	0.0	38.6	122.9	70.7	39.8
22:05:30	29 33.8	-95 40.8	-91.9	60.7	110.1	945	304.5	2.2	-0.6	903.2	2.4*	27.5	26.7	-16.9	-18.9	0.5
22:05:30	29 39.6	-95 38.2	-91.2	61.5	110.0	956	304.2	2.1	-0.8	262.5	3.7*	27.9	27.1	17.3	17.3	0.0
22:05:30	29 35.6	-95 39.9	-92.3	61.5	111.0	987	0.0	21.4	-13.4	66.5*	71.6	50.0	49.1	19.7	19.7	3.5
22:05:29	29 35.6	-95 39.9	439.3	456.0	10045*	988	27.5	-8.1	-2.1	65.7	69.3*	0.0	38.6	123.1	70.3	39.8
22:06:00	29 34.8	-95 42.5	-90.6	62.8	110.2	945	304.8	2.5	-1.0	903.4	2.4*	27.4	26.6	-16.9	-18.8	0.5
22:06:00	29 40.6	-95 39.9	-89.9	63.5	110.1	964	304.4	2.3	-1.1	262.5	3.7*	27.8	27.0	18.9	18.9	0.0
22:06:00	29 36.6	-95 41.6	-91.0	63.6	111.0	988	0.0	23.1	-12.0	64.9*	69.9	50.0	49.1	20.8	20.8	3.5
22:05:59	29 36.6	-95 41.6	439.1	455.8	10045*	986	25.9	-7.9	-2.1	64.1	67.6*	0.0	38.6	124.9	70.5	39.7
22:06:30	29 35.8	-95 44.2	-90.9	62.2	110.1	946	304.9	2.5	-0.7	903.3	2.4*	27.3	26.6	-16.9	-18.9	0.5
22:06:30	29 41.6	-95 41.5	-90.2	63.0	110.0	964	304.8	2.3	-0.9	262.5	3.7*	27.8	27.0	18.8	18.8	0.0
22:06:30	29 37.7	-95 43.3	-91.3	63.1	111.0	988	0.0	21.6	-12.5	64.6*	69.4	50.0	49.1	20.6	20.6	3.5
22:06:29	29 37.7	-95 43.3	439.1	455.7	10046*	986	27.0	-5.5	-1.4	63.6	67.3*	0.0	38.6	124.2	70.3	39.8
22:07:00	29 36.8	-95 45.9	-90.8	62.0	110.0	928	304.9	-1.6	-1.9	905.0	2.4*	27.4	26.6	-16.9	-18.9	0.5
22:07:00	29 42.6	-95 43.2	-90.1	62.8	109.9	943	304.7	-1.7	-2.1	262.5	3.7*	27.9	27.2	17.5	17.5	0.0
22:07:00	29 38.7	-95 45.0	-91.2	62.8	110.7	978	0.0	20.4	-12.7	63.4*	68.3	50.0	49.1	19.7	19.7	3.5
22:06:59	29 38.7	-95 45.0	439.2	455.9	10046*	974	27.0	-8.8	-2.5	63.1	66.4*	0.0	38.6	124.2	70.3	39.8

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
22:07:30	29 37.8	-95 47.6	-90.7	63.0	110.4	613	303.9*	1.1*	-1.8	937.5	2.4*	28.3	27.5	-16.9	-18.9	0.5
22:07:30	29 43.6	-95 44.9	-90.0	63.8	110.3	628	303.6*	0.9*	-2.0	262.5	3.7*	28.6	27.9	21.4	21.4	0.0
22:07:30	29 39.7	-95 46.7	-91.0	63.8	111.1	667	0.0	29.4	-10.2	67.4*	72.7	50.0	49.1	22.0	22.0	3.3
22:07:29	29 39.7	-95 46.7	440.5	457.2	10046*	661	28.4	-6.6	-1.6	66.6	70.3*	0.0	38.6	125.4	70.6	39.8
22:08:00	29 38.8	-95 49.3	-96.0	57.7	112.0	593	300.2	2.1	-1.9	938.8	2.4*	29.3	28.5	-16.9	-18.9	0.5
22:08:00	29 44.7	-95 46.6	-95.3	58.5	111.9	610	299.8	1.9	-2.0	262.5	3.7*	29.6	28.9	19.9	19.9	0.0
22:08:00	29 40.7	-95 48.4	-96.5	58.6	112.9	655	0.0	19.4	-15.4	69.4*	74.6	50.0	49.1	21.1	21.1	3.1
22:07:59	29 40.7	-95 48.4	441.9	458.7	10046*	649	31.0	-7.2	-2.3	68.5	72.2*	0.0	38.6	121.6	72.1	39.9
22:08:30	29 39.7	-95 51.1	-97.2	56.5	112.4	594	299.0	2.0	-0.6	938.6	2.4*	29.6	28.8	-16.9	-18.9	0.5
22:08:30	29 45.6	-95 48.4	-96.5	57.3	112.2	610	298.9	1.8	-0.8	262.6	3.7*	29.9	29.1	19.8	19.8	0.0
22:08:30	29 41.6	-95 50.2	-97.7	57.1	113.2	655	0.0	19.9	-15.6	69.7*	74.9	50.0	49.1	21.4	21.4	3.0
22:08:29	29 41.7	-95 50.2	442.4	459.2	10044*	651	29.9	-7.5	-2.0	68.8	72.6*	0.0	38.6	121.0	72.5	39.9
22:09:00	29 40.7	-95 52.9	-97.2	56.9	112.7	588	299.0	2.1	-0.7	938.8	2.4*	29.4	28.6	-16.9	-18.9	0.5
22:09:00	29 46.5	-95 50.2	-96.6	57.7	112.5	606	298.8	2.0	-0.8	262.5	3.7*	29.7	28.9	20.0	20.0	0.0
22:09:00	29 42.6	-95 52.0	-97.8	57.5	113.5	644	0.0	20.4	-14.6	68.9*	74.2	50.0	49.1	21.4	21.4	3.1
22:08:59	29 42.6	-95 52.0	442.1	458.8	10046*	649	28.0	-7.8	-2.0	68.1	71.8*	0.0	38.6	121.3	72.8	39.9
22:09:30	29 41.6	-95 54.7	-96.8	57.3	112.5	587	299.3	1.9	-1.0	938.5	2.4*	28.6	27.8	-16.9	-18.9	0.5
22:09:30	29 47.5	-95 52.0	-96.2	58.1	112.4	604	299.0	1.7	-1.2	262.5	3.7*	29.0	28.2	20.1	20.1	0.0
22:09:30	29 43.5	-95 53.8	-97.4	57.9	113.3	642	0.0	19.1	-15.7	70.3*	75.5	50.0	49.1	21.1	21.1	3.2
22:09:29	29 43.5	-95 53.9	441.0	457.7	10046*	651	28.8	-8.4	-2.1	69.4	73.2*	0.0	38.6	121.5	72.6	39.8
22:10:00	29 42.5	-95 56.5	-97.2	57.4	112.9	581	299.2	1.9	-1.0*	938.6	2.4*	28.7	27.9	-16.9	-18.9	0.5
22:10:00	29 48.4	-95 53.8	-96.6	58.2	112.8	597	298.8	1.8	-1.1*	262.5	3.7*	29.0	28.3	21.8	21.8	0.0
22:10:00	29 44.5	-95 55.7	-97.9	57.9	113.7	642	0.0	20.2	-15.4	70.6*	76.1	50.0	49.1	22.3	22.3	3.2
22:09:59	29 44.5	-95 55.7	441.1	457.8	10046*	651	23.0	-9.3	-2.6	69.7	73.7*	0.0	38.6	121.6	73.1	39.8
22:10:30	29 43.5	-95 58.3	-97.4	57.5	113.1	585	299.0	2.0	-0.6	938.6	2.4*	29.1	28.3	-16.9	-18.8	0.5
22:10:30	29 49.3	-95 55.6	-96.8	58.3	113.0	603	298.9	1.8	-0.7	262.6	3.7*	29.4	28.6	21.6	21.6	0.0
22:10:30	29 45.4	-95 57.5	-98.1	58.0	114.0	639	0.0	19.6	-15.6	70.6*	75.9	50.0	49.1	22.1	22.1	3.2
22:10:29	29 45.4	-95 57.5	441.6	458.3	10044*	651	27.7	-9.3	-2.4	69.8	73.6*	0.0	38.6	121.7	73.3	39.9
22:11:00	29 44.3	-96 0.2	-102.9	45.6	112.5	590	292.5*	2.0	7.1*	938.6	2.4*	29.3	28.5	-16.9	-18.8	0.5
22:11:00	29 50.2	-95 57.4	-102.3	46.4	112.3	608	292.3*	1.8	6.8*	262.5	3.7*	29.7	28.9	21.4	21.4	0.0
22:11:00	29 46.2	-95 59.4	-103.8	45.6	113.4	645	0.0	18.5	-15.7	70.8*	75.8	50.0	49.1	22.3	22.3	3.1
22:10:59	29 46.2	-95 59.4	442.0	458.8	10045*	650	27.5	-2.0	-0.5	69.6	73.3*	0.0	38.6	114.8	72.7	39.9
22:11:30	29 45.7	-96 0.8	67.5	89.7	112.3	592	39.8*	2.5	36.3	937.5	2.4*	29.1	28.4	-16.9	-18.8	0.5
22:11:30	29 51.7	-95 58.0	68.0	90.9	113.5	606	39.6*	2.3	36.2	262.6	3.7*	29.5	28.7	21.0	21.0	0.0
22:11:30	29 47.7	-96 0.0	62.5	93.7	112.6	639	0.0	34.3	-8.0	66.8*	72.3	50.0	49.1	21.7	21.7	3.1
22:11:29	29 47.7	-96 0.0	441.7	458.5	10044*	646	28.4	-7.8	-1.5	65.6	70.9*	0.0	38.7	216.9	72.3	40.0
22:12:00	29 46.2	-95 58.9	112.2	-0.6	112.2	577	92.7*	2.0	5.0	938.5	2.4*	28.8	28.0	-16.9	-18.9	0.5
22:12:00	29 52.1	-95 56.1	112.9	0.7	112.9	590	92.7*	1.9	4.8	262.5	3.7*	29.2	28.4	21.7	21.7	0.0
22:12:00	29 48.2	-95 58.1	111.7	0.7	111.7	641	0.0	20.5	-14.6	68.7*	74.0	50.0	49.1	22.4	22.4	3.2
22:11:59	29 48.2	-95 58.1	441.2	458.0	10045*	649	29.7	-8.3	-2.2	67.9	71.8*	0.0	38.6	269.3	72.4	39.9

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
22:12:30	29 46.0	-95 56.8	109.0	-23.5	111.5	576	105.1*	2.0	-5.4*	938.8	2.4*	28.5	27.7	-16.9	-18.9	0.5
22:12:30	29 51.9	-95 54.0	109.7	-22.3	111.9	592	104.7*	1.9	-5.5*	262.5	3.7*	28.9	28.1	22.3	22.3	0.0
22:12:30	29 48.0	-95 56.1	108.2	-23.6	110.8	645	0.0	20.3	-15.0	69.5*	75.1	50.0	49.1	22.4	22.4	3.3
22:12:29	29 48.0	-95 56.1	440.8	457.5	10045*	649	28.0	-12.7	-3.5	68.9	72.6*	0.0	38.7	280.9	71.6	39.9
22:13:00	29 45.9	-95 54.7	112.6	1.9	112.6	580	91.8	2.1	1.1	938.7	2.4*	28.7	27.9	-16.9	-18.9	0.5
22:13:00	29 51.8	-95 51.9	113.2	3.2	113.2	597	91.4	1.9	1.0	262.5	3.7*	29.0	28.2	20.4	20.4	0.0
22:13:00	29 47.9	-95 54.0	111.9	2.5	112.0	648	0.0	20.1	-14.8	68.9*	74.1	50.0	49.1	21.4	21.4	3.2
22:12:59	29 47.9	-95 54.0	441.0	457.7	10045*	649	27.8	-8.2	-2.2	68.1	71.8*	0.0	38.6	267.8	72.8	39.8
22:13:30	29 45.9	-95 52.6	113.3	-0.9	113.3	583	93.2	2.0	-0.8	938.6	2.4*	29.2	28.4	-16.9	-18.9	0.5
22:13:30	29 51.8	-95 49.8	113.9	0.3	113.9	602	93.1	1.8	-1.0	262.5	3.8*	29.6	28.8	20.4	20.4	0.0
22:13:30	29 47.9	-95 51.9	112.6	-0.6	112.6	661	0.0	19.1	-15.4	69.6*	74.8	50.0	49.1	21.5	21.5	3.1
22:13:29	29 47.9	-95 51.9	441.8	458.6	10045*	650	27.3	-8.4	-2.2	68.7	72.5*	0.0	38.7	269.2	73.4	39.9
22:14:00	29 45.8	-95 50.5	113.5	-0.2	113.5	590	93.2	1.8	-1.2	938.4	2.4*	29.4	28.6	-16.9	-18.9	0.5
22:14:00	29 51.9	-95 47.7	114.0	1.0	114.0	605	93.1	1.6	-1.4	262.6	3.7*	29.7	28.9	20.2	20.2	0.0
22:14:00	29 47.9	-95 49.8	112.8	0.1	112.8	662	0.0	18.2	-16.3	71.0*	76.3	50.0	49.1	21.5	21.5	3.1
22:13:59	29 47.8	-95 49.8	442.0	458.8	10044*	653	29.3	-7.4	-1.8	70.1	73.9*	0.0	38.7	268.6	73.6	40.0
22:14:30	29 45.8	-95 48.4	113.6	0.1	113.6	588	93.1	1.8	-1.2	938.4	2.4*	29.5	28.7	-16.9	-18.9	0.5
22:14:30	29 51.9	-95 45.5	114.1	1.3	114.1	603	92.8	1.7	-1.3	262.6	3.7*	29.8	29.0	20.7	20.7	0.0
22:14:30	29 47.9	-95 47.7	112.8	0.4	112.8	661	0.0	19.0	-16.1	71.2*	76.6	50.0	49.1	21.7	21.7	3.1
22:14:29	29 47.9	-95 47.7	442.2	459.0	10044*	652	28.8	-9.1	-2.4	70.4	74.3*	0.0	38.7	268.5	73.7	39.9
22:15:00	29 45.8	-95 46.3	113.8	0.1	113.8	590	92.7	1.9	-0.7	938.6	2.4*	29.3	28.5	-16.9	-18.9	0.5
22:15:00	29 51.9	-95 43.4	114.3	1.4	114.3	604	92.4	1.7	-0.8	262.6	3.8*	29.6	28.8	19.7	19.7	0.0
22:15:00	29 47.9	-95 45.6	113.0	0.5	113.0	657	0.0	19.6	-15.4	69.9*	75.3	50.0	49.1	21.3	21.3	3.1
22:14:59	29 47.9	-95 45.6	441.9	458.7	10044*	651	29.0	-9.3	-2.4	69.0	72.9*	0.0	38.7	268.7	73.9	40.0
22:15:30	29 45.8	-95 44.2	113.9	-0.5	113.9	595	92.7	1.8	-0.9	938.5	2.4*	29.2	28.5	-16.9	-18.9	0.5
22:15:30	29 51.9	-95 41.3	114.4	0.7	114.4	609	92.5	1.7	-1.0	262.6	3.7*	29.6	28.8	20.1	20.1	0.0
22:15:30	29 47.9	-95 43.5	113.1	-0.3	113.1	658	0.0	18.7	-15.9	70.6*	75.8	50.0	49.1	21.4	21.4	3.1
22:15:29	29 47.9	-95 43.5	441.8	458.6	10044*	652	28.9	-7.9	-2.0	69.6	73.5*	0.0	38.7	269.2	74.0	40.0
22:16:00	29 45.8	-95 42.1	113.7	-1.4	113.7	599	92.3	1.8	-0.4	938.4	2.4*	29.5	28.7	-16.9	-18.9	0.5
22:16:00	29 51.9	-95 39.2	114.2	-0.2	114.2	615	92.2	1.6	-0.6	262.6	3.8*	29.8	29.0	18.5	18.5	0.0
22:16:00	29 47.9	-95 41.4	112.9	-1.1	112.9	663	0.0	19.1	-15.9	70.7*	76.3	50.0	49.1	20.7	20.7	3.1
22:15:59	29 47.9	-95 41.4	442.2	459.0	10044*	654	28.9	-13.2	-3.8	70.1	74.0*	0.0	38.7	270.3	73.7	40.0
22:16:30	29 45.8	-95 40.0	112.9	-2.8	113.0	606	92.5	1.7	-1.1	938.4	2.4*	30.3	29.5	-16.9	-18.9	0.5
22:16:30	29 51.9	-95 37.0	113.4	-1.6	113.4	617	92.1	1.6	-1.3	262.6	3.7*	30.6	29.8	18.3	18.3	0.0
22:16:30	29 47.8	-95 39.3	112.1	-2.9	112.2	662	0.0	17.9	-16.8	72.3*	77.6	50.0	49.1	19.6	19.6	2.9
22:16:29	29 47.8	-95 39.3	443.3	460.2	10044*	653	25.0	-7.5	-1.9	71.4	75.2*	0.0	38.7	271.0	73.0	40.0
22:17:00	29 45.7	-95 37.9	111.8	-3.7	111.9	603	92.4	1.9	-0.9	938.8	2.4*	30.6	29.8	-16.9	-18.9	0.5
22:17:00	29 51.9	-95 34.9	112.3	-2.5	112.3	619	92.0	1.8	-1.0	262.5	3.7*	30.9	30.1	16.7	16.7	0.0
22:17:00	29 47.8	-95 37.3	111.0	-3.7	111.1	656	0.0	19.0	-15.5	69.9*	75.1	50.0	49.1	19.0	19.0	2.9
22:16:59	29 47.8	-95 37.2	443.8	460.6	10045*	649	25.3	-7.5	-1.9	69.0	72.7*	0.0	38.6	271.8	71.9	40.0

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
22:17:30	29 45.7	-95 35.8	110.8	-2.3	110.8	606	92.4	1.9	-2.6	938.6	2.4*	29.8	29.0	-16.9	-18.9	0.5
22:17:30	29 51.8	-95 32.9	111.2	-1.0	111.2	621	92.2	1.7	-2.7	262.5	3.7*	30.1	29.4	19.1	19.1	0.0
22:17:30	29 47.7	-95 35.2	109.9	-2.5	109.9	661	0.0	20.5	-14.3	68.3*	73.5	50.0	49.1	20.8	20.8	3.0
22:17:29	29 47.7	-95 35.2	442.6	459.4	10045*	652	25.6	-8.2	-2.2	67.5	71.1*	0.0	38.7	270.7	70.8	40.0
22:18:00	29 45.7	-95 33.8	110.1	0.1	110.1	603	90.2	2.1	-0.9	938.7	2.5*	30.5	29.7	-16.9	-18.9	0.1
22:18:00	29 51.8	-95 30.8	110.5	1.3	110.5	618	90.2	2.0	-1.1	263.0	3.8*	30.9	30.1	16.9	16.9	0.0
22:18:00	29 47.7	-95 33.2	109.2	0.1	109.2	650	0.0	20.0	-14.5	68.0*	73.2

A/C 43, Flgt 060911I, Micro99 date 2006/09/11, Proj TexAQS Run on Fri Mar 23 10:34:50 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
22:22:30	29 45.6	-95 15.4	110.8	-3.2	110.8	623	93.7	1.9	-0.5	938.7	2.4*	29.9	29.1	-16.9	-18.8	0.5
22:22:30	29 52.0	-95 12.4	110.9	-2.1	110.9	638	93.4	1.8	-0.7	262.6	3.7*	30.3	29.5	19.4	19.4	0.0
22:22:30	29 47.6	-95 15.0	109.7	-3.6	109.8	652	0.0	19.7	-14.0	67.1*	72.3	50.0	49.1	21.0	21.0	3.0
22:22:29	29 47.6	-95 14.9	442.8	459.6	10044*	651	27.1	-7.7	-3.2	66.3	69.9*	0.0	38.7	270.7	70.9	40.0
22:23:00	29 45.6	-95 13.3	111.3	-3.7	111.4	619	93.7	1.9	-0.4	938.8	2.4*	30.0	29.2	-16.9	-18.9	0.5
22:23:00	29 52.0	-95 10.3	111.4	-2.5	111.5	632	93.3	1.7	-0.5	262.6	3.7*	30.3	29.5	19.5	19.5	0.0
22:23:00	29 47.6	-95 12.9	110.3	-4.0	110.3	653	0.0	18.5	-14.8	68.9*	74.1	50.0	49.1	21.5	21.5	3.0
22:22:59	29 47.6	-95 12.9	442.9	459.7	10044*	650	27.0	-8.5	-2.3	67.5	71.7*	0.0	38.7	271.2	71.4	40.0
22:23:30	29 45.5	-95 11.3	111.3	-3.2	111.4	616	93.6	2.0	-1.1	939.0	2.4*	29.9	29.1	-16.9	-18.9	0.5
22:23:30	29 51.9	-95 8.2	111.4	-2.0	111.4	631	93.4	1.8	-1.2	262.6	3.7*	30.3	29.5	20.9	20.9	0.0
22:23:30	29 47.5	-95 10.9	110.3	-3.5	110.3	652	0.0	19.2	-14.8	68.5*	73.9	50.0	49.1	21.9	21.9	3.0
22:23:29	29 47.5	-95 10.8	442.8	459.7	10044*	648	27.9	-10.8	-3.1	68.2	71.5*	0.0	38.6	270.9	71.5	39.9
22:24:00	29 45.5	-95 9.2	111.2	-3.4	111.3	619	93.6	1.9	-0.7	939.0	2.4*	30.0	29.2	-16.9	-18.9	0.5
22:24:00	29 51.9	-95 6.2	111.3	-2.2	111.3	632	93.5	1.8	-0.8	262.6	3.7*	30.4	29.6	20.6	20.6	0.0
22:24:00	29 47.5	-95 8.8	110.1	-3.8	110.2	654	0.0	19.0	-15.1	68.2*	73.6	50.0	49.1	21.8	21.8	3.0
22:23:59	29 47.5	-95 8.8	442.9	459.8	10044*	650	29.1	-10.6	-3.1	67.9	71.1*	0.0	38.7	271.1	71.3	40.0
22:24:30	29 45.4	-95 7.1	111.1	-2.9	111.2	624	93.7	1.8	-0.8	938.8	2.4*	30.2	29.4	-16.9	-18.9	0.5
22:24:30	29 51.9	-95 4.1	111.2	-1.7	111.2	638	93.3	1.7	-0.9	262.5	3.7*	30.6	29.8	20.5	20.5	0.0
22:24:30	29 47.4	-95 6.8	110.1	-3.3	110.1	657	0.0	18.2	-16.2	70.6*	76.1	50.0	49.1	21.9	21.9	2.9
22:24:29	29 47.4	-95 6.7	443.3	460.1	10045*	651	27.2	-11.1	-3.1	69.4	73.7*	0.0	38.7	270.6	71.2	40.0
22:25:00	29 45.3	-95 5.1	98.5	-47.0	109.2	630	117.7*	2.0	23.1*	937.7	2.4*	30.3	29.5	-16.9	-18.9	0.5
22:25:00	29 51.7	-95 2.1	98.6	-45.9	108.8	644	117.4*	1.8	22.9*	262.5	3.7*	30.6	29.8	19.9	19.9	0.0
22:25:00	29 47.2	-95 4.7	98.9	-44.7	108.5	655	0.0	22.9	-13.9	69.3*	74.8	50.0	49.1	21.2	21.2	2.9
22:24:59	29 47.2	-95 4.7	443.3	460.2	10045*	653	30.2	-10.1	-2.4	68.8	73.0*	0.0	38.7	295.2	69.2	40.0
22:25:30	29 44.3	-95 3.4	91.1	-59.8	108.9	628	124.7	2.0	-0.8	938.9	2.4*	29.8	29.0	-16.9	-18.9	0.5
22:25:30	29 50.8	-95 0.3	91.2	-58.6	108.4	641	124.7	1.8	-0.9	262.6	3.7*	30.2	29.4	19.9	19.9	0.0
22:25:30	29 46.3	-95 3.0	90.0	-60.2	108.3	647	0.0	18.9	-15.2	68.5*	73.9	50.0	49.1	21.5	21.5	3.0
22:25:29	29 46.3	-95 3.0	442.6	459.4	10044*	650	29.0	-11.1	-3.2	68.1	71.6*	0.0	38.6	302.8	69.0	39.9
22:26:00	29 43.3	-95 1.7	91.1	-60.3	109.2	619	124.8	1.7	-0.6	938.6	2.4*	29.2	28.4	-16.9	-18.9	0.5
22:26:00	29 49.8	-94 58.6	91.2	-59.2	108.7	634	124.6	1.6	-0.7	262.6	3.8*	29.5	28.7	22.2	22.2	0.0
22:26:00	29 45.3	-95 1.4	90.0	-60.8	108.6	649	0.0	21.9	-13.9	69.8*	75.2	50.0	49.1	23.0	23.0	3.1
22:25:59	29 45.3	-95 1.3	441.7	458.5	10044*	651	28.6	-8.6	-2.8	68.8	72.7*	0.0	38.8	303.0	69.2	40.0
22:26:30	29 42.3	-94 60.0	92.3	-60.7	110.5	620	125.5	2.1	-0.7	939.1	2.4*	29.4	28.6	-16.9	-18.8	0.5
22:26:30	29 48.8	-94 56.9	92.4	-59.6	109.9	632	125.1	1.9	-0.8	262.6	3.7*	29.7	28.9	20.6	20.6	0.0
22:26:30	29 44.3	-94 59.7	91.3	-61.2	109.9	644	0.0	18.5	-16.1	69.2*	74.6	50.0	49.1	21.8	21.8	3.1
22:26:29	29 44.3	-94 59.7	442.0	458.8	10043*	648	28.9	-10.4	-3.7	68.0	72.2*	0.0	38.7	302.4	70.5	40.0
22:27:00	29 41.4	-94 58.3	89.0	-64.5	109.9	627	128.2*	2.1	15.9*	938.4	2.4*	29.4	28.6	-16.9	-18.9	0.5
22:27:00	29 47.9	-94 55.2	89.0	-63.4	109.3	640	127.8*	2.0	15.8*	262.6	3.7*	29.8	29.0	19.7	19.7	0.0
22:27:00	29 43.3	-94 58.0	89.2	-63.4	109.4	648	0.0	21.5	-14.0	68.8*	74.0	50.0	49.1	21.2	21.2	3.1
22:26:59	29 43.3	-94 58.0	442.1	458.9	10044*	651	31.0	-5.3	-1.4	67.9	71.7*	0.0	38.6	305.1	70.0	39.9

A/C 43, Flgt 060911I, Micro99 date 2006/09/11, Proj TexAQS Run on Fri Mar 23 10:34:50 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
22:27:30	29 39.8	-94 57.6	-1.6	-107.2	107.2	624	181.5	1.9	-2.5*	939.2	2.4*	29.5	28.7	-16.9	-18.9	0.5
22:27:30	29 46.4	-94 54.5	-1.4	-106.3	106.3	637	181.5	1.7	-2.6*	262.6	3.7*	29.9	29.1	19.6	19.6	0.0
22:27:30	29 41.8	-94 57.3	-2.8	-107.9	107.9	643	0.0	20.0	-14.7	68.5*	73.8	50.0	49.1	21.3	21.3	3.1
22:27:29	29 41.8	-94 57.3	442.2	459.0	10044*	647	29.3	-7.9	-2.4	67.0	71.3*	0.0	38.7	0.6	67.2	40.0
22:28:00	29 38.4	-94 58.5	-98.0	-40.6	106.1	639	246.6*	0.4	24.1*	937.7	2.4*	29.0	28.2	-16.9	-18.9	0.5
22:28:00	29 45.0	-94 55.4	-98.1	-39.9	105.9	648	246.4*	0.3	23.9*	262.6	3.7*	29.5	28.8	19.7	19.7	0.0
22:28:00	29 40.3	-94 58.2	-97.9	-44.4	107.5	657	0.0	9.1	-18.6	64.7*	69.5	50.0	49.1	21.2	21.2	3.2
22:27:59	29 40.3	-94 58.2	441.5	458.2	10044*	656	32.1	-7.8	-1.9	63.9	67.6*	0.0	38.7	68.7	66.2	39.9
22:28:30	29 38.1	-95 0.4	-101.2	-7.8	101.5	623	264.9	0.6*	1.4*	939.9	2.4*	28.5	27.7	-16.9	-18.9	0.4
22:28:30	29 44.7	-94 57.4	-101.3	-7.1	101.5	635	264.6	0.4*	1.2*	262.6	3.8*	29.0	28.2	20.2	20.2	0.0
22:28:30	29 40.0	-95 0.1	-102.8	-8.8	103.2	643	0.0	3.9	-18.4	57.6*	62.0	50.0	49.1	21.3	21.3	3.3
22:28:29	29 40.0	-95 0.1	440.8	457.5	10044*	647	28.8	-9.2	-2.8	57.1	59.9*	0.0	38.7	86.6	61.6	39.9
22:29:00	29 38.1	-95 2.2	-95.5	10.5	96.1	497	275.2	-5.7	0.8	954.1	2.4*	29.0	28.2	-16.9	-18.9	0.5
22:29:00	29 44.7	-94 59.2	-95.7	11.2	96.4	515	275.2	-5.9	0.6	262.6	3.8*	29.4	28.6	21.3	21.3	0.0
22:29:00	29 40.0	-95 2.0	-96.7	9.6	97.2	523	0.0	0.9	-18.4	53.2*	56.9	50.0	49.1	21.5	21.5	3.2
22:28:59	29 40.0	-95 2.0	441.4	458.1	10043*	524	29.0	-7.5	-2.2	52.5	55.0*	0.0	38.8	97.4	56.4	40.0
22:29:30	29 38.4	-95 4.0	-97.2	19.2	99.1	182	278.8	-5.3*	0.7	987.9	2.4*	31.5	30.7	-16.9	-18.9	0.5
22:29:30	29 45.0	-95 1.0	-97.4	19.9	99.4	200	278.4*	-5.3*	0.6	262.6	3.7*	31.9	31.1	22.4	22.4	0.0
22:29:30	29 40.3	-95 3.8	-98.4	18.6	100.1	211	0.0	-1.1	-21.4	60.1*	63.4	50.0	49.1	22.5	22.5	2.7
22:29:29	29 40.3	-95 3.8	445.1	462.0	10044*	214	29.1	0.9	0.4	58.3	61.3*	0.0	38.7	102.5	59.2	40.1
22:30:00	29 38.6	-95 5.6	-77.0	-6.2	77.2	340	262.3*	2.4	-22.6	971.6	2.4*	28.7	27.9	-16.9	-18.9	0.5
22:30:00	29 45.2	-95 2.6	-77.1	-5.6	77.3	363	261.8*	2.2	-22.7	262.5	3.7*	29.3	28.5	22.3	22.3	0.0
22:30:00	29 40.5	-95 5.4	-78.0	-4.0	78.1	362	0.0	10.4	-8.2	35.9*	38.8	50.0	49.1	22.0	22.0	3.2
22:29:59	29 40.5	-95 5.4	441.1	457.8	10045*	369	29.0	-4.3	-1.6	35.0	36.2*	0.0	38.6	88.0	37.4	39.9
22:30:30	29 37.6	-95 6.6	-29.1	-81.3	86.3	314	200.4*	1.3	7.7	973.4	2.4*	29.6	28.8	-16.9	-18.9	0.5
22:30:30	29 44.2	-95 3.5	-29.1	-80.4	85.5	332	200.0*	1.1	7.5	262.6	3.8*	30.1	29.3	22.5	22.5	0.0
22:30:30	29 39.5	-95 6.4	-29.1	-82.6	87.6	338	0.0	5.4	-14.3	47.2*	50.4	50.0	49.1	22.1	22.1	3.0
22:30:29	29 39.5	-95 6.4	442.3	459.1	10044*	343	29.5	-2.1	-0.4	45.9	48.5*	0.0	38.7	19.1	46.4	39.9
22:31:00	29 36.5	-95 7.3	-44.1	-57.0	72.1	207	216.3	-0.1	-0.2*	985.2	2.4*	29.1	28.3	-16.9	-18.9	0.5
22:31:00	29 43.2	-95 4.3	-44.2	-56.2	71.5	222	216.3	-0.3	-0.4*	262.6	3.7*	30.1	29.3	22.4	22.4	0.0
22:31:00	29 38.4	-95 7.1	-45.2	-57.3	73.0	237	0.0	19.7	-2.9	33.6*	36.3	50.0	49.1	22.4	22.4	3.1
22:30:59	29 38.4	-95 7.1	441.6	458.4	10044*	239	27.1	2.9	1.0	32.5	34.2*	0.0	38.7	38.3	32.3	39.9
22:31:30	29 35.6	-95 8.2	-50.0	-54.0	73.5	78	222.5*	-0.9	-0.9*	1000.0	2.4*	30.0	29.2	-16.9	-18.9	0.5
22:31:30	29 42.3	-95 5.2	-50.1	-53.2	73.0	95	222.3*	-1.1	-1.1*	262.6	3.7*	30.7	29.9	22.9	22.9	0.0
22:31:30	29 37.5	-95 8.0	-51.1	-54.6	74.8	112	0.0	16.3	-4.8	34.7*	37.8	50.0	49.1	23.1	23.1	3.0
22:31:29	29 37.5	-95 8.0	442.9	459.7	10044*	109	27.6	-1.1	-0.3	34.2	35.7*	0.0	38.7	42.9	33.7	40.0
22:32:00	29 34.8	-95 9.0	-42.5	-44.4	61.5	4	223.0	1.3	1.2	1011.1	2.4	30.0	29.2	-16.9	-18.8	0.5
22:32:00	29 41.5	-95 6.0	-42.7	-43.6	61.0	2	222.7	1.2	1.1	262.6	3.8	31.3	30.5	23.8	23.8	0.0
22:32:00	29 36.7	-95 8.9	-43.8	-45.5	63.2	22	0.0	11.3	-3.9	24.0	26.1	50.0	49.1	23.7	23.7	3.0
22:31:59	29 36.7	-95 8.9	442.9	459.8	10044	18	34.1	1.8	0.6	22.2	24.8	0.0	38.7	43.7	21.6	40.0

A/C 43, Flgt 060911I, Micro99 date 2006/09/11, Proj TexAQS Run on Fri Mar 23 10:34:50 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
22:32:30	29 34.4	-95 9.6	-14.2	-14.8	20.5	4	224.0	-0.9	0.2	1011.3	2.4	28.6	27.8	-16.9	-18.9	0.5
22:32:30	29 41.0	-95 6.5	-14.5	-14.0	20.1	1	223.6	-1.0	0.1	262.5	3.7	29.4	28.6	24.3	24.3	0.0
22:32:30	29 36.2	-95 9.4	-15.5	-15.9	22.2	19	0.0	1.7	-0.5	2.2	2.6	50.0	49.1	23.5	23.5	3.3
22:32:29	29 36.2	-95 9.5	440.8	457.6	10045	17	34.4	0.7	-0.0	3.8	4.0	0.0	38.6	229.1	19.1	39.8
22:33:00	29 34.3	-95 9.7	-3.5	1.9	4.0	4	287.8	-1.2	0.1	1012.0	2.4	32.8	32.0	-16.9	-18.9	0.5
22:33:00	29 40.9	-95 6.7	-3.8	2.8	4.7	1	288.0	-1.3	-0.1	262.5	3.7	34.4	33.6	23.8	23.8	0.0
22:33:00	29 36.1	-95 9.6	-4.6	0.9	4.6	16	0.0	-0.0	-0.0	0.0	0.1	50.0	49.1	24.6	24.6	2.4
22:32:59	29 36.1	-95 9.6	447.0	464.1	10046	16	34.6	0.2	-0.1	-0.4	0.1	0.0	38.6	310.2	35.5	40.1
22:33:30	29 34.3	-95 9.8	-4.2	5.6	6.9	4	313.6	-0.7	0.2	1012.1	2.4	30.8	30.0	-16.9	-18.9	0.5
22:33:30	29 41.0	-95 6.8	-4.5	6.5	7.9	1	313.3	-0.8	0.1	262.5	3.7	31.6	30.8	23.8	23.8	0.0
22:33:30	29 36.1	-95 9.7	-5.0	4.9	7.0	23	0.0	0.2	-0.1	0.1	0.3	50.0	49.1	24.2	24.2	2.8
22:33:29	29 36.1	-95 9.7	444.1	461.0	10046	16	34.6	-0.5	-0.1	0.4	0.5	0.0	38.6	298.5	32.5	39.9
22:34:00	29 34.4	-95 9.8	-4.9	6.2	7.9	4	313.5	-0.6	0.4	1012.2	2.4	28.8	28.0	-16.9	-18.9	0.5
22:34:00	29 41.1	-95 6.9	-5.2	7.1	8.8	1	313.1	-0.8	0.3	262.5	3.7	29.5	28.7	24.2	24.2	0.0
22:34:00	29 36.2	-95 9.8	-5.7	5.6	8.0	23	0.0	0.1	-0.3	0.3	0.5	50.0	49.1	24.2	24.2	3.2
22:33:59	29 36.2	-95 9.8	441.2	458.0	10046	16	34.6	-0.6	-0.3	0.4	0.5	0.0	38.6	299.5	32.3	39.8
22:34:30	29 34.5	-95 9.9	-5.0	6.1	7.9	4	312.7	-0.8	0.2	1012.1	2.4	28.3	27.5	-16.9	-18.9	0.5
22:34:30	29 41.3	-95 7.0	-5.3	7.0	8.8	1	312.6	-1.0	0.3	262.5	3.7	28.8	28.0	24.2	24.2	0.0
22:34:30	29 36.3	-95 9.9	-6.0	5.8	8.3	23	0.0	0.1	-0.3	0.3	0.4	50.0	49.1	24.1	24.1	3.3
22:34:29	29 36.3	-95 9.9	440.5	457.2	10046	17	34.6	-0.5	-0.2	0.3	0.5	0.0	38.6	301.0	32.2	39.7
22:35:00	29 34.6	-95 10.0	0.4	6.2	6.2	4	356.1	-1.0	0.3	1012.1	2.4	28.6	27.8	-16.9	-18.9	0.5
22:35:00	29 41.4	-95 7.0	0.1	7.1	7.1	1	355.9	-1.1	0.1	262.5	3.7	29.1	28.3	23.9	23.9	0.0
22:35:00	29 36.4	-95 10.0	-0.5	4.1	4.1	16	0.0	0.0	-0.2	0.1	0.2	50.0	49.1	24.2	24.2	3.3
22:34:59	29 36.4	-95 10.0	440.9	457.6	10046	17	34.7	-0.2	-0.1	0.2	0.2	0.0	38.6	346.1	33.7	39.8

****

ERROR COUNT:

****

LAT_INE1: 0
LAT_INE2: 0
LAT_CLN: 0
LAT_ASH: 2
LONG_INE1: 0
LONG_INE2: 0
LONG_CLN: 0
LONG_ASH: 10
RA159: 3890
RA232: 1316
ALT_CLN: 11
ALT_ASH: 4
HDG_INE1: 3903
HDG_INE2: 3913

PRT5_SIDE: 0
PRT5_DOWN: 0
PITCH_INE1: 1006
PITCH_INE2: 801
PDAF: 0
PDSF: 0
ROLL_INE1: 3632
ROLL_INE2: 3408
PDAR: 0
PDSR: 0
PSW: 0
PSF: 902
PQAF: 23184
PQR: 22
PQF1: 23213
PQF2: 23162
PQSF: 0
PQW: 23216
TT1: 0
TT2: 0
TT3: 0
TDM1: 0
TDM2: 0
TDM3: 0
AXBT1: 0
AXBT2: 0

****