A/C 43, Flgt 060831I, Micro99 date 2006/08/31, Proj acdata Run on Sat Sep 2 17:51:49 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
16:56:30	27 51.0	-82 29.6	0.0	0.2	0.2	75	313.8	-0.3	0.2	1010.9	-0.2	25.5	-32767.0	-16.9	-18.9	0.5
16:56:30	27 51.0	-82 29.6	0.0	0.0	0.0	1	314.0	-0.4	0.1	1011.3	-0.1	25.8	-32767.0	19.8	19.8	0.0
16:56:30	27 50.9	-82 29.6	-0.0	0.0	0.0	27	0.0	0.1	-1.5	0.4	0.1	50.0	-32767.0	23.1	23.1	-32767.0
16:56:30	27 50.9	-82 29.6	-32767.0	-32767.0	-32767	9	30.2	-0.4	-0.4	-0.2	0.1	0.0	-32767.0	-32767.0	-32767.0	-327
16:57:00	27 51.0	-82 29.6	0.0	0.3	0.3	75	313.8	-0.4	0.2	1010.9	-0.3	25.6	-32767.0	-16.9	-18.9	0.5
16:57:00	27 51.0	-82 29.6	0.0	0.0	0.0	1	313.8	-0.5	0.1	1020.8	-0.1	25.8	-32767.0	19.8	19.8	0.0
16:57:00	27 50.9	-82 29.6	-0.0	-0.0	0.0	28	0.0	-0.2	-1.5	0.7	0.1	50.0	-32767.0	23.8	23.8	-32767.0
16:57:00	27 50.9	-82 29.6	-32767.0	-32767.0	-32767	9	30.2	-0.5	-0.4	-0.2	0.1	0.0	-32767.0	-32767.0	-32767.0	-327
16:57:30	27 51.0	-82 29.6	0.1	0.3	0.3	75	313.8	-0.4	0.2	1010.9	-0.2	25.6	-32767.0	-16.9	-18.9	0.5
16:57:30	27 51.0	-82 29.6	0.0	0.0	0.1	1	313.7	-0.5	0.1	1012.0	0.0	25.9	-32767.0	19.9	19.9	0.0
16:57:30	27 50.9	-82 29.6	-0.0	0.0	0.0	29	0.0	-0.5	-1.5	1.0	0.1	50.0	-32767.0	23.1	23.1	-32767.0
16:57:30	27 50.9	-82 29.6	-32767.0	-32767.0	-32767	9	30.2	-0.5	-0.4	-0.1	0.1	0.0	-32767.0	-32767.0	-32767.0	-327
16:58:00	27 51.0	-82 29.6	0.1	0.3	0.3	75	313.8	-0.5	0.2	1010.9	-0.2	25.6	-32767.0	-16.9	-18.9	0.5
16:58:00	27 51.0	-82 29.6	0.0	0.1	0.1	1	313.6	-0.6	0.1	1010.8	0.0	25.9	-32767.0	20.0	20.0	0.0
16:58:00	27 50.9	-82 29.6	-0.0	-0.0	0.0	33	0.0	-0.5	-1.5	1.4	0.1	50.0	-32767.0	23.0	23.0	-32767.0
16:58:00	27 50.9	-82 29.6	-32767.0	-32767.0	-32767	9	30.3	-0.5	-0.4	-0.1	0.1	0.0	-32767.0	-32767.0	-32767.0	-327
16:58:30	27 51.0	-82 29.6	0.1	0.3	0.4	75	313.8	-0.5	0.2	1010.9	-0.2	25.7	-32767.0	-16.9	-18.9	0.5
16:58:30	27 51.0	-82 29.6	0.0	0.1	0.1	1	314.0	-0.6	0.1	1037.9	-0.0	25.9	-32767.0	20.0	20.0	0.0
16:58:30	27 50.9	-82 29.6	-0.0	-0.1	0.1	33	0.0	-0.5	-1.6	1.5	0.1	50.0	-32767.0	24.4	24.4	-32767.0
16:58:30	27 50.9	-82 29.6	-32767.0	-32767.0	-32767	9	30.2	-0.6	-0.4	-0.1	0.1	0.0	-32767.0	-32767.0	-32767.0	-327
16:59:00	27 51.0	-82 29.6	-3.1	-2.7	4.1	75	223.9	-0.4	0.0	1011.0	-0.1	25.8	-32767.0	-16.9	-18.9	0.5
16:59:00	27 51.0	-82 29.6	-3.1	-3.0	4.3	1	223.7	-0.5	-0.1	1019.4	0.1	26.0	-32767.0	20.1	20.1	0.0
16:59:00	27 50.9	-82 29.6	-3.1	-3.3	4.6	33	0.0	-0.5	-1.7	1.8	0.4	50.0	-32767.0	23.0	23.0	-32767.0
16:59:00	27 50.9	-82 29.6	-32767.0	-32767.0	-32767	9	30.3	0.9	0.0	-0.0	0.4	0.0	-32767.0	-32767.0	-32767.0	-327
16:59:30	27 51.0	-82 29.6	4.5	-3.8	5.9	75	133.9	-0.1	-0.9	1010.9	-0.4	25.8	-32767.0	-16.9	-18.9	0.5
16:59:30	27 51.0	-82 29.6	4.4	-4.2	6.1	1	134.2	-0.3	-1.0	1010.7	-0.2	26.0	-32767.0	20.1	20.1	0.0
16:59:30	27 50.9	-82 29.6	4.4	-4.2	6.1	30	0.0	-0.5	-1.5	1.7	0.2	50.0	-32767.0	23.0	23.0	-32767.0
16:59:30	27 50.9	-82 29.6	-32767.0	-32767.0	-32767	10	30.3	0.7	-0.1	-0.2	0.1	0.0	-32767.0	-32767.0	-32767.0	-327
17:00:00	27 50.9	-82 29.5	2.7	-4.1	4.9	75	151.9	-0.5	0.1	1010.8	-0.6	26.0	-32767.0	-16.9	-18.9	0.4
17:00:00	27 50.9	-82 29.5	2.6	-4.5	5.2	1	152.0	-0.6	-0.0	1014.9	-0.4	26.2	-32767.0	20.1	20.1	0.0
17:00:00	27 50.8	-82 29.5	2.5	-4.5	5.2	27	0.0	1.1	-1.4	0.1	0.1	50.0	-32767.0	23.2	23.2	-32767.0
17:00:00	27 50.8	-82 29.5	-32767.0	-32767.0	-32767	10	30.3	0.8	-0.0	-0.6	0.1	0.0	-32767.0	-32767.0	-32767.0	-327
17:00:30	27 50.9	-82 29.6	-7.4	0.3	7.4	75	268.6	-0.1	0.1	1010.9	0.4	26.0	26.0	-16.9	-18.8	0.5
17:00:30	27 50.8	-82 29.6	-7.5	-0.1	7.5	1	268.8	-0.2	0.0	1012.8	0.6	26.2	26.1	20.1	20.1	0.0
17:00:30	27 50.8	-82 29.6	-7.6	-0.1	7.6	29	0.0	-0.3	-0.6	0.8	0.9	50.0	49.9	23.2	23.2	4.1
17:00:30	27 50.7	-82 29.6	298.1	300.9	4	7	30.3	0.6	0.3	0.2	0.9	0.0	16.5	288.7	1.2	8.6
17:01:00	27 50.9	-82 29.7	-8.3	0.4	8.3	75	269.1	0.1	0.5	1010.7	0.5	26.1	26.0	-16.9	-18.9	0.4
17:01:00	27 50.8	-82 29.7	-8.3	0.0	8.3	1	269.4	-0.0	0.3	1010.2	0.7	26.2	26.2	20.2	20.2	0.0
17:01:00	27 50.8	-82 29.7	-8.3	-0.0	8.3	27	0.0	0.4	-0.7	0.8	0.9	50.0	49.9	23.7	23.7	4.0
17:01:00	27 50.7	-82 29.7	298.3	301.2	25	7	30.3	0.4	0.1	0.3	0.9	0.0	17.7	274.5	1.0	9.3

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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
17:01:30	27 50.9	-82 29.9	-6.9	0.6	7.0	75	270.6	-0.0	-0.0	1008.7	-1.4	26.4	-32767.0	-16.9	-18.9	0.4
17:01:30	27 50.8	-82 29.9	-7.0	0.1	7.0	1	270.5	-0.1	-0.1	1010.5	-1.2	26.6	-32767.0	21.3	21.3	0.0
17:01:30	27 50.7	-82 29.9	-7.0	0.1	7.0	37	0.0	0.3	-0.7	0.9	1.0	50.0	-32767.0	24.0	24.0	-32767.0
17:01:30	27 50.7	-82 29.9	-32767.0	-32767.0	-32767	11	30.3	-2.0	-0.2	-1.4	-0.1	0.0	-32767.0	-32767.0	-32767.0	-327
17:02:00	27 50.9	-82 29.9	0.1	0.6	0.6	75	269.7	-0.6	0.1	1010.7	-0.5	26.4	-32767.0	-16.9	-18.9	0.5
17:02:00	27 50.8	-82 29.9	0.0	0.1	0.1	1	269.6	-0.7	0.0	1030.5	-0.3	26.7	-32767.0	23.8	23.8	0.0
17:02:00	27 50.7	-82 29.9	0.0	0.0	0.0	41	0.0	-0.1	-0.5	0.2	0.2	50.0	-32767.0	23.6	23.6	-32767.0
17:02:00	27 50.7	-82 29.9	-32767.0	-32767.0	-32767	11	30.4	-0.2	-0.1	-0.7	0.0	0.0	-32767.0	-32767.0	-32767.0	-327
17:02:30	27 50.9	-82 29.9	0.1	0.6	0.6	75	269.7	-0.5	0.2	1010.9	-0.3	26.2	-32767.0	-16.9	-18.9	0.4
17:02:30	27 50.8	-82 29.9	0.1	0.1	0.1	1	269.8	-0.7	0.1	1010.5	-0.1	26.5	-32767.0	24.8	24.8	0.0
17:02:30	27 50.7	-82 29.9	0.0	0.0	0.0	28	0.0	-0.2	-0.6	0.2	0.1	50.0	-32767.0	23.3	23.3	-32767.0
17:02:30	27 50.7	-82 29.9	-32767.0	-32767.0	-32767	11	30.4	0.1	-0.0	-0.5	0.1	0.0	-32767.0	-32767.0	-32767.0	-327
17:03:00	27 50.9	-82 29.9	-5.7	0.6	5.8	32	269.6	-0.2	0.1	1010.9	0.2	26.4	26.4	-16.9	-18.9	0.4
17:03:00	27 50.8	-82 29.9	-5.8	0.1	5.8	1	269.9	-0.3	-0.0	1010.5	0.4	26.7	26.6	25.0	25.0	0.0
17:03:00	27 50.7	-82 29.9	-5.9	0.0	5.9	30	0.0	-0.0	-0.7	0.6	0.6	50.0	49.9	23.7	23.7	4.0
17:03:00	27 50.7	-82 29.9	298.7	301.5	23	11	30.4	0.4	-0.0	-0.0	0.5	0.0	10.2	113.1	0.4	5.3
17:03:30	27 50.9	-82 30.1	-7.3	0.6	7.3	3803	269.4	-0.1	0.1	1010.3	-0.7	26.7	-32767.0	-16.9	-18.9	0.4
17:03:30	27 50.8	-82 30.1	-7.3	0.0	7.3	1	269.4	-0.2	-0.0	1029.9	-0.5	27.0	-32767.0	25.5	25.5	0.0
17:03:30	27 50.7	-82 30.1	-7.4	-0.0	7.4	7	0.0	-0.1	-0.8	0.4	0.7	50.0	-32767.0	25.6	25.6	-32767.0
17:03:30	27 50.7	-82 30.1	-32767.0	-32767.0	-32767	11	30.4	-1.8	0.0	-0.1	1.3	0.0	-32767.0	-32767.0	-32767.0	-327
17:04:00	27 51.0	-82 30.1	0.1	7.9	7.9	8795	359.9	0.1	0.2	1010.9	0.0	26.9	26.9	-16.9	-18.9	0.4
17:04:00	27 50.9	-82 30.1	0.1	7.3	7.3	1	360.0	-0.1	0.1	1012.0	0.2	27.1	27.1	25.5	25.5	0.0
17:04:00	27 50.8	-82 30.1	0.0	7.3	7.3	14	0.0	-0.0	-0.5	0.2	0.3	50.0	50.0	25.4	25.4	3.8
17:04:00	27 50.8	-82 30.1	299.0	301.9	11	12	30.5	-1.0	-0.6	-0.1	0.4	0.0	3.6	188.1	6.3	1.9
17:04:30	27 51.1	-82 30.1	0.1	7.8	7.8	8886	359.5	-0.2	0.3	1010.9	0.0	27.0	27.0	-16.9	-18.9	0.4
17:04:30	27 51.0	-82 30.1	0.1	7.1	7.1	1	359.7	-0.3	0.2	1033.2	0.2	27.2	27.2	25.5	25.5	0.0
17:04:30	27 50.9	-82 30.1	0.0	7.1	7.1	6	0.0	-0.0	-0.5	0.1	0.3	50.0	50.0	24.8	24.8	3.8
17:04:30	27 50.9	-82 30.1	297.3	300.1	-165	12	30.5	-1.1	-0.5	-0.1	0.4	0.0	1.9	184.7	7.0	0.9
17:05:00	27 51.3	-82 30.1	4.1	4.9	6.4	80	42.7	0.0	0.4	1010.6	-0.2	27.2	-32767.0	-16.9	-18.9	0.4
17:05:00	27 51.1	-82 30.1	4.0	4.2	5.8	1	42.8	-0.0	0.3	1046.9	0.0	27.5	-32767.0	25.3	25.3	0.0
17:05:00	27 51.0	-82 30.1	4.0	4.1	5.7	10	0.0	0.1	-0.3	0.0	0.1	50.0	-32767.0	26.2	26.2	-32767.0
17:05:00	27 51.0	-82 30.1	-32767.0	-32767.0	-32767	9	30.4	0.2	-0.1	-0.4	0.0	0.0	-32767.0	-32767.0	-32767.0	-327
17:05:30	27 51.4	-82 30.1	-5.8	6.8	8.9	1351	314.9	-0.1	0.2	1010.9	0.4	27.0	26.9	-16.9	-18.9	0.4
17:05:30	27 51.2	-82 30.2	-5.8	6.1	8.4	1	314.8	-0.1	0.1	1048.0	0.6	27.2	27.2	26.0	26.0	0.0
17:05:30	27 51.1	-82 30.2	-5.9	6.0	8.4	-0	0.0	0.0	-0.5	0.6	0.8	50.0	49.9	25.8	25.8	3.8
17:05:30	27 51.1	-82 30.2	296.1	298.9	-285	9	30.5	-1.4	-0.7	0.2	0.7	0.0	14.9	194.9	2.7	7.7
17:06:00	27 51.5	-82 30.2	-6.1	7.0	9.3	9976	314.4	-0.1	0.2	1010.9	0.5	27.4	27.3	-16.9	-18.9	0.4
17:06:00	27 51.3	-82 30.3	-6.1	6.3	8.8	1	314.2	-0.2	0.1	1041.1	0.7	27.8	27.7	26.3	26.3	0.0
17:06:00	27 51.2	-82 30.3	-6.2	6.2	8.8	0	0.0	0.2	-0.4	0.6	0.7	50.0	49.9	26.3	26.3	3.7
17:06:00	27 51.2	-82 30.3	297.1	299.8	-229	9	30.5	-0.7	-0.5	0.3	0.7	0.0	17.2	211.1	1.9	8.9

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:06:30	27 51.6	-82 30.4	-5.8	6.8	8.9	6707	314.3	-0.0	0.3	1010.9	0.3	27.2	27.1	-16.9	-18.9	0.4
17:06:30	27 51.4	-82 30.4	-5.8	6.0	8.3	1	314.5	-0.1	0.1	1016.8	0.5	27.4	27.3	26.5	26.5	0.0
17:06:30	27 51.3	-82 30.4	-6.0	5.8	8.4	0	0.0	0.2	-0.5	0.5	0.7	50.0	49.9	24.1	24.1	3.8
17:06:30	27 51.3	-82 30.4	298.9	301.7	-30	9	30.5	-1.3	-0.6	0.2	0.9	0.0	14.3	191.0	2.9	7.5
17:07:00	27 51.7	-82 30.5	-5.3	6.3	8.2	4801	314.1	0.1	0.3	1010.9	0.2	27.3	27.3	-16.9	-18.9	0.4
17:07:00	27 51.5	-82 30.5	-5.4	5.4	7.6	1	314.2	0.0	0.1	1017.0	0.4	27.5	27.5	26.6	26.6	0.0
17:07:00	27 51.4	-82 30.5	-5.5	5.3	7.7	-1	0.0	0.5	-0.4	0.4	0.4	50.0	49.9	24.7	24.7	3.8
17:07:00	27 51.4	-82 30.5	299.0	301.8	-31	8	30.5	0.4	-0.2	0.3	0.8	0.0	12.1	135.2	1.9	6.4
17:07:30	27 51.8	-82 30.5	5.8	6.2	8.5	3439	47.0	-0.4	-0.5	1011.0	0.0	27.4	27.4	-16.9	-18.9	0.4
17:07:30	27 51.6	-82 30.5	5.8	5.3	7.8	1	46.9	-0.5	-0.5	1047.0	0.2	27.6	27.6	26.5	26.5	0.0
17:07:30	27 51.5	-82 30.5	5.6	5.3	7.7	19	0.0	0.4	-0.7	0.1	0.2	50.0	50.0	26.4	26.4	3.7
17:07:30	27 51.5	-82 30.5	296.7	299.4	-278	9	30.6	-0.6	-0.3	-0.1	0.3	0.0	3.6	226.7	6.9	1.9
17:08:00	27 51.9	-82 30.4	-3.4	4.0	5.2	-11	310.2	0.2	-0.1	1011.0	-0.0	27.6	-32767.0	-16.9	-18.9	0.4
17:08:00	27 51.7	-82 30.4	-3.4	3.1	4.6	1	310.0	0.1	-0.2	1018.0	0.2	27.8	-32767.0	26.6	26.6	0.0
17:08:00	27 51.6	-82 30.5	-3.6	3.0	4.7	8	0.0	0.1	-0.6	0.2	0.3	50.0	-32767.0	24.6	24.6	-32767.0
17:08:00	27 51.6	-82 30.5	-32767.0	-32767.0	-32767	9	30.6	-0.4	-0.2	-0.1	0.4	0.0	-32767.0	-32767.0	-32767.0	-327
17:08:30	27 51.9	-82 30.5	0.1	1.1	1.1	1140	308.0	-0.4	0.4	1010.9	-0.6	27.6	-32767.0	-16.9	-18.9	0.4
17:08:30	27 51.7	-82 30.5	0.1	0.1	0.1	1	308.3	-0.6	0.3	1027.1	-0.4	28.0	-32767.0	26.7	26.7	0.0
17:08:30	27 51.6	-82 30.5	0.1	-0.2	0.2	-2	0.0	0.3	-0.9	-0.0	0.0	50.0	-32767.0	25.6	25.6	-32767.0
17:08:30	27 51.6	-82 30.5	-32767.0	-32767.0	-32767	9	30.6	-0.2	0.0	-0.5	0.1	0.0	-32767.0	-32767.0	-32767.0	-327
17:09:00	27 52.0	-82 30.5	0.2	1.1	1.1	1207	308.0	-0.5	0.4	1010.9	-0.3	27.8	-32767.0	-16.9	-18.9	0.4
17:09:00	27 51.7	-82 30.5	0.1	0.1	0.1	1	308.1	-0.6	0.2	1023.7	-0.1	28.0	-32767.0	26.4	26.4	0.0
17:09:00	27 51.6	-82 30.5	0.0	0.0	0.0	10	0.0	0.4	-1.2	0.1	0.1	50.0	-32767.0	25.4	25.4	-32767.0
17:09:00	27 51.6	-82 30.5	-32767.0	-32767.0	-32767	9	30.6	-0.3	-0.1	-0.3	0.0	0.0	-32767.0	-32767.0	-32767.0	-327
17:09:30	27 52.0	-82 30.5	0.2	1.1	1.1	1207	308.0	-0.6	0.4	1010.9	-0.2	28.2	-32767.0	-16.9	-18.9	0.4
17:09:30	27 51.7	-82 30.5	0.1	0.1	0.2	1	307.9	-0.6	0.3	1027.5	0.0	28.4	-32767.0	26.4	26.4	0.0
17:09:30	27 51.6	-82 30.5	0.0	0.1	0.1	13	0.0	0.6	-1.4	0.1	0.1	50.0	-32767.0	25.8	25.8	-32767.0
17:09:30	27 51.6	-82 30.5	-32767.0	-32767.0	-32767	8	30.7	-0.3	-0.0	-0.2	0.1	0.0	-32767.0	-32767.0	-32767.0	-327
17:10:00	27 52.0	-82 30.5	0.2	1.1	1.2	1207	308.0	-0.5	0.4	1011.0	-0.3	28.3	-32767.0	-16.9	-18.9	0.4
17:10:00	27 51.7	-82 30.5	0.1	0.1	0.2	1	307.9	-0.7	0.3	1030.8	-0.1	28.4	-32767.0	26.4	26.4	0.0
17:10:00	27 51.6	-82 30.5	0.0	0.1	0.1	19	0.0	0.7	-1.2	0.1	0.1	50.0	-32767.0	25.9	25.9	-32767.0
17:10:00	27 51.6	-82 30.5	-32767.0	-32767.0	-32767	8	30.7	-0.3	-0.0	-0.1	0.1	0.0	-32767.0	-32767.0	-32767.0	-327
17:10:30	27 52.0	-82 30.5	0.2	1.2	1.2	1207	308.0	-0.5	0.4	1011.0	-0.3	28.4	-32767.0	-16.9	-18.9	0.4
17:10:30	27 51.7	-82 30.5	0.1	0.1	0.2	1	308.3	-0.7	0.3	1035.2	-0.1	28.4	-32767.0	26.4	26.4	0.0
17:10:30	27 51.6	-82 30.5	0.1	0.2	0.2	24	0.0	0.9	-1.1	0.1	0.1	50.0	-32767.0	26.4	26.4	-32767.0
17:10:30	27 51.6	-82 30.5	-32767.0	-32767.0	-32767	7	30.7	-0.3	-0.0	-0.0	0.1	0.0	-32767.0	-32767.0	-32767.0	-327
17:11:00	27 52.0	-82 30.5	0.2	1.2	1.2	1207	308.0	-0.6	0.4	1010.9	-0.2	28.5	-32767.0	-16.9	-18.9	0.4
17:11:00	27 51.7	-82 30.5	0.2	0.1	0.2	1	308.1	-0.6	0.2	1041.2	-0.0	28.6	-32767.0	26.7	26.7	0.0
17:11:00	27 51.6	-82 30.5	0.0	0.0	0.1	10	0.0	1.0	-1.2	0.1	0.1	50.0	-32767.0	27.2	27.2	-32767.0
17:11:00	27 51.6	-82 30.5	-32767.0	-32767.0	-32767	9	30.7	-0.3	-0.2	0.1	-0.0	0.0	-32767.0	-32767.0	-32767.0	-327

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:11:30	27 52.1	-82 30.5	0.2	1.3	1.3	1207	308.0	-0.6	0.4	1011.0	-0.4	28.7	-32767.0	-16.9	-18.9	0.4
17:11:30	27 51.7	-82 30.5	0.2	0.1	0.2	1	307.9	-0.6	0.3	1031.9	-0.2	28.6	-32767.0	26.6	26.6	0.0
17:11:30	27 51.6	-82 30.5	0.0	0.0	0.0	3	0.0	1.2	-1.2	0.0	0.1	50.0	-32767.0	26.1	26.1	-32767.0
17:11:30	27 51.6	-82 30.5	-32767.0	-32767.0	-32767	9	30.7	-0.4	-0.3	0.0	-0.0	0.0	-32767.0	-32767.0	-32767.0	-327
17:12:00	27 52.1	-82 30.5	-5.0	5.5	7.4	1207	308.9	0.2	0.2	1011.1	0.1	28.4	28.4	-16.9	-18.9	0.4
17:12:00	27 51.7

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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
17:16:30	27 48.2	-82 32.4	-0.6	-103.4	103.4	346	186.1	8.7	-1.7*	968.3	62.5	32.3	27.0	-16.9	-18.8	0.5
17:16:30	27 47.6	-82 32.4	-0.9	-105.0	105.0	360	186.0	8.5	-1.8*	972.6	62.7	32.4	27.0	21.6	21.6	0.0
17:16:30	27 47.5	-82 32.5	-1.2	-105.1	105.1	368	0.0	37.6	-6.8	63.5	71.0	50.0	44.3	22.3	22.3	3.8
17:16:30	27 47.5	-82 32.5	302.6	305.6	344	365	30.9	-23.0	-7.6	63.5	67.1	0.0	194.5	269.3	7.1	104.1
17:17:00	27 46.5	-82 32.4	-3.6	-105.9	105.9	507	187.8	4.1	-0.7*	951.2	64.6	30.8	25.3	-16.9	-18.9	0.5
17:17:00	27 45.9	-82 32.5	-3.9	-107.4	107.5	521	187.9	3.9	-0.8*	954.9	64.9	31.0	25.3	23.1	23.1	0.0
17:17:00	27 45.8	-82 32.6	-4.2	-107.6	107.7	528	0.0	31.1	-9.0	64.9	72.0	50.0	44.0	22.8	22.8	4.2
17:17:00	27 45.8	-82 32.5	302.4	305.5	497	528	28.8	-22.7	-7.4	65.1	68.9	0.0	197.7	269.8	7.3	106.4
17:17:30	27 44.7	-82 32.5	-4.6	-110.5	110.6	508	188.2	2.8	-2.1	951.1	69.8	31.5	25.5	-16.9	-18.8	0.5
17:17:30	27 44.1	-82 32.6	-5.0	-112.0	112.1	522	188.4	2.6	-2.3	955.0	70.1	31.8	25.7	22.7	22.7	0.0
17:17:30	27 44.0	-82 32.6	-5.3	-112.1	112.3	514	0.0	33.4	-9.2	69.9	77.4	50.0	43.5	22.7	22.7	4.2
17:17:30	27 44.0	-82 32.6	302.6	305.7	496	526	28.6	-25.5	-8.3	70.3	74.2	0.0	205.4	274.5	7.5	110.6
17:18:00	27 42.9	-82 32.5	0.5	-114.5	114.5	626	185.0*	5.9	0.6*	938.3	74.0	31.0	24.7	-16.9	-18.9	0.5
17:18:00	27 42.3	-82 32.6	0.1	-116.0	116.0	637	184.9*	5.8	0.5*	942.4	74.2	31.3	24.8	21.8	21.8	0.0
17:18:00	27 42.1	-82 32.7	-0.1	-116.2	116.2	625	0.0	28.2	-13.3	74.8	81.6	50.0	43.1	22.6	22.6	4.4
17:18:00	27 42.2	-82 32.7	302.9	306.0	607	640	28.0	-17.5	-5.4	74.6	78.7	0.0	211.2	273.7	7.9	114.3
17:18:30	27 41.0	-82 32.6	-4.8	-111.6	111.7	856	187.3	7.2	-1.5	914.3	70.3	29.5	23.3	-16.9	-18.8	0.5
17:18:30	27 40.4	-82 32.7	-5.2	-113.2	113.3	865	187.3	7.0	-1.6	918.7	70.6	29.8	23.5	20.2	20.2	0.0
17:18:30	27 40.3	-82 32.8	-5.5	-113.3	113.4	856	0.0	31.2	-11.0	71.7	78.0	50.0	43.2	22.1	22.1	4.8
17:18:30	27 40.3	-82 32.7	303.7	306.9	819	866	27.5	-14.3	-4.2	71.0	75.0	0.0	206.1	268.9	7.8	112.7
17:19:00	27 39.2	-82 32.6	-3.4	-113.0	113.0	1048	188.5*	4.3	7.9*	893.0	68.4	28.6	22.5	-16.9	-18.9	0.5
17:19:00	27 38.6	-82 32.7	-3.7	-114.6	114.7	1057	188.6*	4.1	7.7*	897.2	68.7	29.0	22.7	18.3	18.3	0.0
17:19:00	27 38.4	-82 32.8	-4.0	-114.8	114.9	1055	0.0	30.4	-10.3	69.4	75.7	50.0	43.2	21.2	21.2	5.0
17:19:00	27 38.5	-82 32.8	304.9	308.2	1014	1074	27.8	-16.5	-5.2	69.0	73.0	0.0	203.3	278.5	10.0	112.3
17:19:30	27 37.8	-82 33.6	-85.7	-51.4	99.9	1284	243.9*	8.1	17.9	869.5	60.9	26.8	21.2	-16.9	-18.9	0.1
17:19:30	27 37.1	-82 33.7	-85.9	-52.8	100.9	1269	244.0*	8.0	17.7	874.7	61.1	27.2	21.4	16.8	16.8	0.0
17:19:30	27 36.9	-82 33.8	-86.5	-52.7	101.3	1279	0.0	35.4	-5.8	62.6	68.4	50.0	43.8	19.9	19.9	5.4
17:19:30	27 37.0	-82 33.7	305.9	309.2	1223	1297	26.7	-13.8	-3.9	61.4	66.2	0.0	192.0	272.8	8.2	107.2
17:20:00	27 37.4	-82 35.3	-102.8	-8.3	103.1	1430	266.8	6.1	-0.3	855.9	65.0	26.6	20.9	-16.9	-18.9	0.5
17:20:00	27 36.7	-82 35.4	-102.9	-9.7	103.4	1434	266.8	6.0	-0.4	901.6*	65.3	27.0	21.1	15.4	15.4	0.0
17:20:00	27 36.6	-82 35.5	-103.4	-9.7	103.8	1436	0.0	33.6	-7.8	66.3	72.4	50.0	43.6	19.2	19.2	5.6
17:20:00	27 36.6	-82 35.5	302.8	306.1	973*	1440	26.9	-15.2	-4.6	65.6	69.7	0.0	198.3	270.9	5.8	109.0
17:20:30	27 37.3	-82 37.2	-103.5	-12.0	104.2	1605	264.8	5.4	0.3	838.6	64.0	25.6	19.5	-16.9	-18.8	1.2
17:20:30	27 36.5	-82 37.3	-103.6	-13.4	104.5	1608	264.9	5.3	0.2	842.5	64.2	25.9	19.7	12.6	12.6	0.0
17:20:30	27 36.4	-82 37.4	-104.2	-13.5	105.0	1612	0.0	33.0	-7.8	65.5	71.2	50.0	43.3	15.8	15.8	6.1
17:20:30	27 36.4	-82 37.4	307.4	310.9	1530	1616	26.7	-11.3	-3.3	64.7	68.7	0.0	196.7	272.8	7.3	111.5
17:21:00	27 37.7	-82 39.0	-71.9	79.8	107.5	1764	316.3*	5.6	20.7*	822.5	62.8	23.9	18.1	-16.9	-18.9	0.1
17:21:00	27 36.9	-82 39.1	-71.8	78.3	106.2	1768	316.4*	5.5	20.5*	867.1*	63.1	24.3	18.4	14.8	14.8	0.0
17:21:00	27 36.8	-82 39.2	-72.0	78.6	106.6	1769	0.0	36.7	-5.9	64.6	70.3	50.0	43.6	20.8	20.8	6.6
17:21:00	27 36.8	-82 39.2	303.4	306.8	1295*	1773	26.2	-10.7	-2.8	63.4	68.3	0.0	195.0	235.4	7.4	108.7

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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
17:21:30	27 39.3	-82 40.0	-53.2	97.8	111.4	1908	327.9	7.3	-0.5	808.8	64.1	23.4	17.4	-16.9	-18.9	0.4
17:21:30	27 38.5	-82 40.1	-53.0	96.2	109.9	1914	327.8	7.2	-0.7	848.2*	64.4	23.7	17.6	12.9	12.9	0.0
17:21:30	27 38.3	-82 40.2	-53.5	96.2	110.1	1912	0.0	35.9	-6.6	65.8	71.6	50.0	43.3	17.8	17.8	6.9
17:21:30	27 38.3	-82 40.2	304.6	308.0	1475*	1920	26.1	-10.9	-3.1	64.7	69.0	0.0	197.0	234.6	8.3	110.9
17:22:00	27 40.8	-82 41.0	-57.5	98.2	113.8	1961*	326.4	5.7	-1.3	794.9	65.3	22.5	16.1	-16.9	-18.9	0.8
17:22:00	27 40.0	-82 41.1	-57.3	96.6	112.3	2069	326.4	5.6	-1.4	799.1	65.6	22.9	16.3	12.7	12.7	0.0
17:22:00	27 39.9	-82 41.2	-57.8	96.6	112.6	2067	0.0	34.5	-7.5	66.5	72.6	50.0	42.8	17.3	17.3	7.5
17:22:00	27 39.9	-82 41.2	308.4	312.2	1958	2070	25.4	-15.3	-4.6	65.9	69.9	0.0	198.8	244.4	8.7	114.9
17:22:30	27 42.4	-82 42.0	-59.0	98.3	114.7	2215	326.1	6.1	0.2	779.9	65.4	22.0	15.6	-16.9	-18.9	0.8
17:22:30	27 41.6	-82 42.1	-58.8	96.7	113.1	2222	326.4	6.0	0.1	794.0*	65.7	22.4	15.8	9.6	9.6	0.0
17:22:30	27 41.5	-82 42.3	-59.3	96.7	113.5	2222	0.0	33.6	-8.0	66.6	72.6	50.0	42.7	13.9	13.9	7.8
17:22:30	27 41.4	-82 42.3	308.4	312.1	2010*	2231	25.8	-16.1	-4.9	66.0	70.2	0.0	199.0	240.5	8.5	115.3
17:23:00	27 44.0	-82 43.1	-59.6	98.7	115.3	2370	325.6	5.5	0.6*	766.0	64.8	21.0	14.5	-16.9	-18.9	0.1
17:23:00	27 43.2	-82 43.2	-59.3	97.0	113.7	2373	325.6	5.4	0.4*	772.3	65.0	21.3	14.6	7.6	7.6	0.0
17:23:00	27 43.0	-82 43.4	-59.9	97.0	114.0	2381	0.0	33.9	-7.6	66.0	71.8	50.0	42.6	10.7	10.7	8.4
17:23:00	27 43.0	-82 43.4	309.7	313.5	2232	2383	25.5	-13.5	-3.9	65.3	69.5	0.0	198.0	241.4	8.9	116.0
17:23:30	27 45.6	-82 44.2	-62.2	98.8	116.7	2502	325.0	5.8	-0.6	753.9	65.4	20.2	13.6	-16.9	-18.9	0.7
17:23:30	27 44.7	-82 44.3	-61.9	97.1	115.2	2486	325.0	5.7	-0.7	761.0	65.7	20.6	13.7	8.1	8.1	0.0
17:23:30	27 44.6	-82 44.5	-62.5	97.2	115.5	2514	0.0	33.3	-8.1	66.6	72.4	50.0	42.4	11.2	11.2	8.9
17:23:30	27 44.6	-82 44.5	310.0	313.9	2350	2516	25.4	-13.5	-3.9	66.1	70.2	0.0	199.0	239.3	7.7	117.3
17:24:00	27 47.2	-82 45.4	-61.9	96.3	114.5	2681	324.6	5.9	1.5	738.1	63.5	19.2	11.6	-16.9	-18.9	0.2
17:24:00	27 46.3	-82 45.4	-61.7	94.6	112.9	2672	324.5	5.7	1.4	643.5*	63.8	19.6	11.8	7.7	7.7	0.0
17:24:00	27 46.2	-82 45.6	-62.3	94.6	113.3	2685	0.0	31.2	-8.3	64.6	70.3	50.0	41.4	5.4	5.4	10.1
17:24:00	27 46.1	-82 45.6	323.0	327.8	3668*	2694	25.9	-14.2	-4.2	64.1	68.0	0.0	196.1	287.5	13.2	125.0
17:24:30	27 48.9	-82 46.4	-42.2	108.0	116.0	2833	335.7*	5.6*	3.0*	725.0	61.2	18.0	11.9	-16.9	-18.9	0.6
17:24:30	27 47.9	-82 46.4	-42.0	106.2	114.2	2822	336.0*	5.4*	2.8*	776.2*	61.4	18.4	12.1	7.1	7.1	0.0
17:24:30	27 47.8	-82 46.6	-42.6	106.3	114.5	2839	0.0	31.0	-7.5	62.2	67.8	50.0	43.0	9.5	9.5	10.0
17:24:30	27 47.7	-82 46.6	306.4	310.2	2191	2845	25.5	-15.6	-4.8	61.8	65.6	0.0	192.5	222.2	9.7	112.1
17:25:00	27 50.7	-82 47.1	-40.5	116.4	123.2	2907	336.9*	4.1	-0.4	717.0	68.8	18.0	10.8	-16.9	-18.9	0.1
17:25:00	27 49.7	-82 47.2	-40.2	114.6	121.4	2904	336.9*	4.0	-0.5	734.7*	69.1	18.3	11.0	6.7	6.7	0.0
17:25:00	27 49.6	-82 47.4	-40.9	114.7	121.8	2930	0.0	32.0	-9.7	70.1	75.7	50.0	41.8	10.4	10.4	10.7
17:25:00	27 49.5	-82 47.4	310.1	314.2	2630*	2932	25.4	-8.1	-2.1	69.5	73.7	0.0	203.9	239.0	9.4	121.6
17:25:30	27 52.6	-82 47.9	-41.8	117.1	124.3	3050	337.5	7.3*	1.0	704.0	68.6	17.8	10.6	-16.9	-18.9	0.6
17:25:30	27 51.6	-82 47.9	-41.5	115.3	122.5	3053	337.5	6.0	0.9	733.4	68.8	18.2	10.8	5.1	5.1	0.0
17:25:30	27 51.4	-82 48.2	-42.0	115.3	122.8	3079	0.0	29.2	-10.8	69.3	75.4	50.0	41.8	9.6	9.6	10.8
17:25:30	27 51.4	-82 48.1	310.1	314.1	2644	3084	25.9	-16.3	-4.9	69.2	73.1	0.0	203.6	229.1	9.4	121.5
17:26:00	27 54.5	-82 48.6	-37.8	119.9	125.7	3223	338.6	2.7	-1.2*	689.7	69.5	16.9	9.5	-16.9	-18.9	0.4
17:26:00	27 53.4	-82 48.6	-37.5	118.0	123.9	3217	338.5	2.5	-1.3*	710.6*	69.7	17.3	9.7	4.3	4.3	0.0
17:26:00	27 53.3	-82 48.9	-38.2	118.2	124.2	3249	0.0	37.1	-7.4	70.3	76.5	50.0	41.5	7.7	7.7	11.7
17:26:00	27 53.3	-82 48.8	311.7	315.9	2894*	3254	27.5	-13.9	-4.0	70.1	74.4	0.0	204.9	240.2	10.6	123.9

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
17:26:30	27 56.5	-82 49.3	-36.3	129.2	134.2	3229	340.9	1.7	0.1	690.6	79.7	17.7	9.6	-16.9	-18.9	0.3
17:26:30	27 55.4	-82 49.3	-36.0	127.4	132.3	3218	341.2	1.6	-0.0	737.7	80.0	18.2	9.8	4.6	4.6	0.0
17:26:30	27 55.3	-82 49.6	-36.6	127.5	132.6	3241	0.0	23.5	-16.8	79.5	86.1	50.0	40.6	9.2	9.2	11.7
17:26:30	27 55.3	-82 49.5	308.4	312.4	2598	3245	24.0	-17.3	-5.4	80.3	84.1	0.0	219.1	230.1	11.3	130.0
17:27:00	27 58.6	-82 49.9	-36.9	127.6	132.8	3243	340.3	1.8	-0.5	689.6	76.7	17.2	9.2	-16.9	-18.9	1.0
17:27:00	27 57.5	-82 50.0	-36.6	125.7	130.9	3236	340.2	1.7	-0.7	720.4	76.9	17.5	9.2	4.8	4.8	0.0
17:27:00	27 57.4	-82 50.2	-37.2	125.8	131.2	3250	0.0	30.2	-12.9	77.2	83.2	50.0	40.8	8.5	8.5	12.0
17:27:00	27 57.3	-82 50.2	310.1	314.2	2786	3253	24.2	-10.8	-3.1	77.4	81.5	0.0	214.9	229.7	10.3	129.0
17:27:30	28 0.7	-82 50.6	-35.0	127.8	132.5	3230	340.9	2.5	-1.0	690.8	76.6	17.4	9.3	-16.9	-18.9	0.3
17:27:30	27 59.5	-82 50.6	-34.7	125.9	130.6	3227	340.8	2.4	-1.1	717.4*	76.9	17.7	9.4	5.0	5.0	0.0
17:27:30	27 59.4	-82 50.9	-35.2	126.0	130.8	3237	0.0	29.9	-13.1	77.1	83.3	50.0	40.7	7.9	7.9	11.8
17:27:30	27 59.4	-82 50.9	310.6	314.8	2818*	3239	24.1	-12.7	-3.7	77.3	81.5	0.0	214.9	235.0	10.8	129.3
17:28:00	28 2.8	-82 51.2	-35.3	127.2	132.0	3228	340.4	2.6	-1.0	690.9	75.5	18.0	10.1	-16.9	-18.9	1.0
17:28:00	28 1.6	-82 51.2	-35.0	125.3	130.1	3224	340.4	2.5	-1.1	723.9*	75.8	18.3	10.2	4.1	4.1	0.0
17:28:00	28 1.5	-82 51.5	-35.5	125.4	130.3	3236	0.0	29.8	-12.8	76.1	82.2	50.0	40.9	6.7	6.7	11.3
17:28:00	28 1.4	-82 51.5	310.6	314.7	2747*	3237	24.1	-12.9	-3.7	76.2	80.4	0.0	213.3	231.8	11.6	127.9
17:28:30	28 4.8	-82 51.9	-39.5	125.4	131.5	3229	338.8*	2.6	-5.9*	690.7	77.6	17.6	9.4	-16.9	-18.9	0.4
17:28:30	28 3.6	-82 51.9	-39.2	123.5	129.6	3223	339.1*	2.4	-6.0*	718.4	77.8	17.9	9.5	4.3	4.3	0.0
17:28:30	28 3.5	-82 52.2	-39.7	123.6	129.8	3234	0.0	29.7	-13.5	78.1	84.3	50.0	40.6	6.6	6.6	11.7
17:28:30	28 3.5	-82 52.2	310.6	314.7	2807	3239	24.1	-13.1	-3.7	78.2	82.5	0.0	216.2	241.1	9.7	130.0
17:29:00	28 6.8	-82 52.7	-46.2	124.2	132.5	3227	336.3	2.4	-3.1*	690.8	79.3	17.7	9.2	-16.9	-18.9	0.4
17:29:00	28 5.6	-82 52.7	-45.9	122.3	130.6	3222	336.3	2.3	-3.2*	698.6*	79.5	18.0	9.2	3.8	3.8	0.0
17:29:00	28 5.5	-82 53.0	-46.4	122.4	130.9	3235	0.0	28.9	-14.5	79.7	86.1	50.0	40.2	5.9	5.9	12.0
17:29:00	28 5.4	-82 53.0	312.8	317.1	3028	3236	24.3	-14.3	-4.1	79.9	84.5	0.0	218.5	250.9	9.2	133.1
17:29:30	28 8.8	-82 53.7	-57.3	118.8	131.9	3228	331.6	2.3	-0.8*	690.7	80.9	17.5	9.2	-16.9	-18.9	0.4
17:29:30	28 7.5	-82 53.7	-57.1	116.9	130.1	3224	331.5	2.2	-0.9*	732.7*	81.1	17.8	9.2	4.8	4.8	0.0
17:29:30	28 7.4	-82 54.0	-57.7	116.9	130.4	3240	0.0	25.8	-16.3	81.0	87.6	50.0	40.4	6.8	6.8	12.0
17:29:30	28 7.4	-82 54.0	308.5	312.6	2652*	3238	24.3	-13.6	-4.0	81.5	85.7	0.0	220.6	237.9	7.7	131.3
17:30:00	28 10.7	-82 54.7	-40.9	126.8	133.2	3229	340.1*	2.4	13.0*	690.2	79.8	17.8	9.5	-16.9	-18.9	0.4
17:30:00	28 9.4	-82 54.7	-40.6	124.9	131.3	3224	340.1*	2.3	12.9*	725.2*	80.1	18.1	9.5	3.4	3.4	0.0
17:30:00	28 9.3	-82 55.0	-41.0	125.0	131.6	3239	0.0	31.9	-13.3	79.9	86.7	50.0	40.5	5.8	5.8	11.7
17:30:00	28 9.3	-82 55.0	309.9	314.0	2734*	3236	16.5	-17.6	-5.0	80.5	85.5	0.0	219.2	237.3	9.1	131.2
17:30:30	28 12.9	-82 55.2	-20.3	132.3	133.8	3229	347.7	2.3	0.8	690.7	79.4	17.5	9.4	-16.9	-18.9	0.4
17:30:30	28 11.5	-82 55.2	-20.0	130.3	131.8	3224	348.0	2.1	0.6	739.6*	79.7	17.8	9.5	4.1	4.1	0.0
17:30:30	28 11.4	-82 55.5	-20.4	130.4	132.0	3242	0.0	27.4	-15.1	79.8	86.1	50.0	40.7	6.3	6.3	11.8
17:30:30	28 11.4	-82 55.5	308.0	311.9	2577*	3237	19.6	-11.5	-3.2	80.1	84.5	0.0	218.6	235.6	10.6	129.6
17:31:00	28 15.0	-82 55.5	-13.0	133.7	134.4	3226	351.1*	2.5	6.0*	690.7	76.8	17.5	9.6	-16.9	-18.9	0.4
17:31:00	28 13.6	-82 55.5	-12.7	131.7	132.3	3224	351.0*	2.4	5.8*	734.5*	77.0	17.8	9.7	3.9	3.9	0.0
17:31:00	28 13.5	-82 55.9	-13.2	131.8	132.4	3236	0.0	31.6	-12.4	77.4	83.6	50.0	40.9	5.9	5.9	11.6
17:31:00	28 13.5	-82 55.9	308.8	312.9	2632*	3233	15.7	-10.4	-2.7	77.5	81.8	0.0	215.1	229.0	11.6	128.0

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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
17:31:30	28 17.2	-82 55.6	-1.1	134.8	134.8	3228	355.5	2.3	-0.9	690.5	78.3	17.4	9.4	-16.9	-18.9	0.4
17:31:30	28 15.8	-82 55.6	-0.8	132.8	132.8	3227	355.4	2.2	-1.0	742.7*	78.5	17.7	9.5	3.6	3.6	0.0
17:31:30	28 15.7	-82 55.9	-1.3	132.8	132.8	3236	0.0	28.7	-14.2	79.0	85.1	50.0	40.8	5.9	5.9	11.8
17:31:30	28 15.6	-82 55.9	307.7	311.6	2544*	3235	12.6	-7.8	-2.0	79.0	83.5	0.0	217.1	234.7	11.8	128.5
17:32:00	28 19.4	-82 55.7	-15.9	131.6	132.6	3222	347.9	2.8	-0.7	690.9	73.7	17.5	9.8	-16.9	-18.9	0.4
17:32:00	28 17.9	-82 55.7	-15.6	129.6	130.6	3218	347.9	2.7	-0.8	728.8*	74.0	17.8	9.9	3.7	3.7	0.0
17:32:00	28 17.8	-82 56.0

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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
17:36:30	28 35.2	-83 5.8	-61.2	109.7	125.6	3225	327.8	2.2	-0.7	690.4	74.9	17.0	9.1	-16.9	-18.9	0.4
17:36:30	28 33.6	-83 5.7	-60.9	107.9	124.0	3224	328.1	2.0	-0.8	714.7*	75.1	17.3	9.1	5.3	5.3	0.0
17:36:30	28 33.4	-83 6.2	-61.2	107.9	124.1	3245	0.0	28.4	-12.7	75.8	81.5	50.0	40.9	7.3	7.3	12.0
17:36:30	28 33.4	-83 6.2	310.7	314.9	2849*	3235	24.4	-7.5	-3.4	75.6	79.9	0.0	212.5	257.2	7.8	128.0
17:37:00	28 37.0	-83 6.9	-60.3	111.3	126.6	3222	328.1	2.5	0.5	690.7	75.6	16.9	8.9	-16.9	-18.8	1.1
17:37:00	28 35.3	-83 6.9	-60.0	109.6	124.9	3221	328.1	2.3	0.4	706.0*	75.9	17.2	8.9	5.3	5.3	0.0
17:37:00	28 35.2	-83 7.3	-60.3	109.5	125.0	3236	0.0	29.0	-12.5	76.4	82.4	50.0	40.7	7.3	7.3	12.2
17:37:00	28 35.2	-83 7.3	311.5	315.7	2945	3230	24.2	-10.3	-3.1	76.4	80.6	0.0	213.5	256.4	9.4	129.3
17:37:30	28 38.9	-83 8.0	-58.0	113.1	127.0	3223	329.1	2.1	-0.5	690.4	78.3	17.0	8.9	-16.9	-18.9	0.3
17:37:30	28 37.1	-83 7.9	-57.7	111.3	125.4	3222	329.0	2.0	-0.6	727.5*	78.5	17.3	8.9	6.0	6.0	0.0
17:37:30	28 37.0	-83 8.4	-58.0	111.3	125.5	3235	0.0	28.8	-14.1	79.0	85.0	50.0	40.7	7.6	7.6	12.2
17:37:30	28 37.0	-83 8.4	308.9	313.0	2708*	3231	24.7	-9.4	-2.7	79.0	83.4	0.0	217.1	256.1	9.7	129.6
17:38:00	28 40.7	-83 9.1	-56.3	114.6	127.7	3223	330.5	2.5	-0.1	690.8	77.2	17.1	8.9	-16.9	-18.9	1.0
17:38:00	28 38.9	-83 9.0	-56.1	112.8	126.0	3217	330.4	2.4	-0.2	703.2	77.5	17.4	8.9	4.8	4.8	0.0
17:38:00	28 38.8	-83 9.4	-56.3	112.8	126.1	3237	0.0	28.4	-13.8	78.0	84.0	50.0	40.5	7.0	7.0	12.2
17:38:00	28 38.8	-83 9.4	311.9	316.1	2977	3228	24.8	-10.2	-3.0	78.0	82.4	0.0	215.7	262.2	9.4	130.9
17:38:30	28 42.6	-83 10.1	-54.3	115.5	127.6	3223	331.3	2.4	-0.5	690.7	76.1	17.1	8.9	-16.9	-18.9	0.4
17:38:30	28 40.8	-83 10.0	-54.1	113.8	126.0	3219	331.6	2.3	-0.7	702.4	76.3	17.3	8.9	5.1	5.1	0.0
17:38:30	28 40.6	-83 10.4	-54.3	113.7	126.0	3235	0.0	28.9	-13.3	76.9	82.7	50.0	40.6	7.4	7.4	12.2
17:38:30	28 40.6	-83 10.4	312.0	316.3	2985	3229	24.5	-8.8	-2.5	76.8	81.0	0.0	214.1	257.9	9.2	130.0
17:39:00	28 44.4	-83 11.2	-66.9	107.5	126.6	3223	325.0	2.5	-2.3	690.8	75.9	17.0	9.3	-16.9	-18.9	0.4
17:39:00	28 42.5	-83 11.1	-66.7	105.9	125.1	3217	325.0	2.4	-2.5	747.0*	76.2	17.3	9.3	5.2	5.2	0.0
17:39:00	28 42.4	-83 11.6	-66.9	105.8	125.2	3234	0.0	29.5	-13.0	76.7	82.6	50.0	41.1	7.4	7.4	11.9
17:39:00	28 42.4	-83 11.5	307.0	310.9	2498*	3228	24.6	-9.8	-2.9	76.6	80.9	0.0	213.9	232.9	7.8	126.2
17:39:30	28 46.1	-83 12.5	-70.1	105.6	126.8	3223	323.3	3.5	-0.8	690.5	76.2	17.0	9.0	-16.9	-18.9	0.4
17:39:30	28 44.2	-83 12.4	-69.9	104.0	125.3	3220	323.2	3.4	-0.9	724.0	76.5	17.2	9.1	5.0	5.0	0.0
17:39:30	28 44.1	-83 12.8	-70.0	103.9	125.3	3238	0.0	32.1	-12.0	77.2	83.2	50.0	40.8	7.2	7.2	12.1
17:39:30	28 44.1	-83 12.8	309.5	313.6	2746	3229	24.9	-9.5	-2.7	76.9	81.4	0.0	214.4	245.6	8.2	128.3
17:40:00	28 47.8	-83 13.7	-71.1	105.4	127.2	3223	322.8	2.7	-0.8	689.8	76.7	16.8	8.9	-16.9	-18.9	0.4
17:40:00	28 45.9	-83 13.7	-70.9	103.8	125.7	3229	322.7	2.5	-0.9	734.8*	77.0	17.1	9.0	5.0	5.0	0.0
17:40:00	28 45.8	-83 14.1	-71.0	103.7	125.7	3246	0.0	28.6	-13.6	77.6	83.5	50.0	40.9	7.0	7.0	12.2
17:40:00	28 45.8	-83 14.1	308.1	312.1	2630*	3239	24.9	-9.6	-2.8	77.4	81.8	0.0	215.0	238.7	8.0	127.8
17:40:30	28 49.5	-83 15.0	-67.6	109.1	128.4	3223	324.8	2.4	2.5	689.6	77.1	16.8	8.9	-16.9	-18.9	0.8
17:40:30	28 47.6	-83 15.0	-67.4	107.5	126.9	3230	325.1	2.3	2.4	735.9*	77.3	17.1	9.0	5.5	5.5	0.0
17:40:30	28 47.5	-83 15.4	-67.6	107.4	126.9	3251	0.0	28.5	-13.8	78.0	83.9	50.0	40.9	7.8	7.8	12.2
17:40:30	28 47.5	-83 15.4	307.9	311.9	2617	3241	25.0	-8.4	-2.3	77.8	82.3	0.0	215.5	233.6	8.6	128.0
17:41:00	28 51.3	-83 16.3	-66.8	110.9	129.5	3223	325.7	2.2	-2.1	689.5	78.7	17.0	8.9	-16.9	-18.9	0.5
17:41:00	28 49.4	-83 16.2	-66.5	109.3	128.0	3231	325.7	2.1	-2.3	736.8*	79.0	17.3	9.0	5.0	5.0	0.0
17:41:00	28 49.3	-83 16.6	-66.6	109.2	128.0	3246	0.0	26.8	-15.0	79.5	85.5	50.0	40.7	7.2	7.2	12.2
17:41:00	28 49.3	-83 16.6	307.8	311.8	2607	3243	25.0	-8.3	-2.4	79.4	83.9	0.0	217.8	235.3	8.0	129.2

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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
17:41:30	28 53.1	-83 17.5	-70.0	110.2	130.6	3223	324.8	2.1	0.8	689.4	81.1	17.4	8.7	-16.9	-18.9	1.2
17:41:30	28 51.2	-83 17.4	-69.8	108.7	129.2	3230	324.7	2.0	0.6	699.4	81.4	17.7	8.7	3.7	3.7	0.0
17:41:30	28 51.1	-83 17.9	-69.9	108.6	129.1	3251	0.0	26.0	-16.1	81.9	88.0	50.0	40.0	5.9	5.9	12.3
17:41:30	28 51.0	-83 17.9	312.2	316.5	3019	3242	25.0	-8.9	-2.5	81.9	86.6	0.0	221.0	263.2	8.3	134.4
17:42:00	28 55.0	-83 18.8	-65.5	114.4	131.8	3223	327.4	2.2	-0.4	689.5	81.3	17.4	8.8	-16.9	-18.9	0.4
17:42:00	28 53.0	-83 18.7	-65.2	112.9	130.4	3228	327.3	2.0	-0.5	702.1	81.6	17.7	8.7	4.6	4.6	0.0
17:42:00	28 52.9	-83 19.1	-65.3	112.8	130.3	3244	0.0	26.2	-16.1	82.0	88.1	50.0	40.0	6.8	6.8	12.3
17:42:00	28 52.8	-83 19.1	311.9	316.1	2989	3240	25.1	-8.5	-2.3	82.0	86.7	0.0	221.2	257.1	7.7	134.3
17:42:30	28 56.8	-83 20.0	-64.8	115.3	132.2	3223	327.8	2.0	-0.2	689.3	82.3	17.5	9.1	-16.9	-18.9	1.1
17:42:30	28 54.8	-83 19.9	-64.6	113.8	130.8	3231	328.1	1.8	-0.4	731.1*	82.6	17.8	9.0	4.3	4.3	0.0
17:42:30	28 54.7	-83 20.3	-64.6	113.6	130.7	3245	0.0	24.4	-17.2	83.0	89.2	50.0	40.3	6.4	6.4	12.1
17:42:30	28 54.7	-83 20.3	308.6	312.7	2669*	3242	25.1	-8.9	-2.5	83.1	87.8	0.0	222.6	241.4	7.4	132.6
17:43:00	28 58.7	-83 21.2	-64.3	116.3	132.9	3223	328.1	2.0	-0.4	689.5	83.3	17.5	9.0	-16.9	-18.9	0.4
17:43:00	28 56.7	-83 21.0	-64.0	114.8	131.5	3229	328.1	1.9	-0.5	732.9*	83.5	17.8	9.0	3.7	3.7	0.0
17:43:00	28 56.5	-83 21.5	-64.0	114.7	131.4	3240	0.0	25.0	-17.2	83.9	90.1	50.0	40.2	6.0	6.0	12.1
17:43:00	28 56.5	-83 21.5	308.4	312.4	2649	3240	25.2	-7.7	-2.1	84.0	88.7	0.0	223.8	241.1	7.5	133.1
17:43:30	29 0.6	-83 22.3	-63.2	117.7	133.6	3223	328.8	1.9	0.2	689.4	83.1	17.8	9.3	-16.9	-18.9	0.4
17:43:30	28 58.5	-83 22.2	-63.0	116.2	132.2	3229	328.7	1.8	0.0	730.7	83.4	18.0	9.2	3.8	3.8	0.0
17:43:30	28 58.4	-83 22.7	-62.9	116.1	132.1	3237	0.0	25.2	-17.2	83.6	89.9	50.0	40.2	5.8	5.8	11.9
17:43:30	28 58.4	-83 22.7	308.9	312.9	2674	3241	25.2	-9.4	-2.6	83.8	88.5	0.0	223.5	237.5	7.9	133.2
17:44:00	29 2.5	-83 23.5	-57.9	121.3	134.4	3223	331.1	1.9	-0.2	689.4	84.2	17.9	9.0	-16.9	-18.9	0.4
17:44:00	29 0.5	-83 23.3	-57.6	119.9	133.0	3229	331.0	1.7	-0.3	708.0*	84.4	18.2	9.0	3.3	3.3	0.0
17:44:00	29 0.3	-83 23.8	-57.6	119.8	132.9	3237	0.0	23.9	-18.0	84.7	91.0	50.0	39.8	5.7	5.7	12.1
17:44:00	29 0.3	-83 23.8	311.5	315.7	2923*	3240	25.3	-8.6	-2.4	84.8	89.6	0.0	224.9	252.9	9.0	136.0
17:44:30	29 4.5	-83 24.5	-56.3	122.5	134.8	3223	331.5	1.9	-0.4	689.4	83.9	17.7	9.1	-16.9	-18.9	0.4
17:44:30	29 2.4	-83 24.4	-56.1	121.1	133.5	3229	331.8	1.7	-0.6	729.8	84.1	17.9	9.0	3.1	3.1	0.0
17:44:30	29 2.3	-83 24.8	-56.0	121.0	133.3	3250	0.0	23.8	-18.0	84.4	90.7	50.0	40.1	5.4	5.4	12.1
17:44:30	29 2.2	-83 24.8	308.8	312.9	2684	3241	25.0	-9.3	-2.6	84.5	89.3	0.0	224.6	237.5	9.8	133.9
17:45:00	29 6.5	-83 25.5	-55.1	123.2	135.0	3223	331.9	2.0	-0.7	689.6	83.7	17.7	9.0	-16.9	-18.9	0.4
17:45:00	29 4.4	-83 25.4	-54.8	121.9	133.6	3229	332.0	1.9	-0.8	719.8*	84.0	18.0	9.0	3.0	3.0	0.0
17:45:00	29 4.3	-83 25.9	-54.7	121.7	133.5	3248	0.0	24.2	-17.8	84.2	90.5	50.0	40.0	5.3	5.3	12.1
17:45:00	29 4.2	-83 25.8	310.0	314.1	2792*	3240	25.1	-9.5	-2.6	84.4	89.1	0.0	224.4	241.6	10.2	134.6
17:45:30	29 8.5	-83 26.6	-56.0	122.6	134.8	3223	331.4	2.0	-0.9	689.7	82.3	17.7	8.9	-16.9	-18.9	0.4
17:45:30	29 6.4	-83 26.4	-55.7	121.3	133.5	3228	331.3	1.9	-1.0	701.9	82.6	17.9	8.9	3.2	3.2	0.0
17:45:30	29 6.2	-83 26.9	-55.6	121.2	133.3	3244	0.0	24.7	-17.1	82.9	89.1	50.0	39.9	5.5	5.5	12.2
17:45:30	29 6.2	-83 26.9	312.1	316.3	2991	3238	25.2	-9.2	-2.6	83.0	87.6	0.0	222.5	244.9	10.5	135.1
17:46:00	29 10.5	-83 27.6	-55.4	122.8	134.7	3223	331.7	2.1	-1.0	689.7	83.1	17.8	9.0	-16.9	-18.9	0.4
17:46:00	29 8.3	-83 27.5	-55.2	121.4	133.4	3228	331.6	1.9	-1.1	709.0*	83.4	18.1	9.0	3.3	3.3	0.0
17:46:00	29 8.2	-83 27.9	-55.0	121.3	133.2	3242	0.0	25.2	-17.2	83.5	90.0	50.0	39.9	5.4	5.4	12.1
17:46:00	29 8.1	-83 27.9	311.3	315.5	2912	3238	25.3	-11.9	-3.5	83.8	88.5	0.0	223.6	245.8	10.8	135.2

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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
17:46:30	29 12.5	-83 28.6	-56.2	121.2	133.6	3223	330.9	2.0	-1.1*	688.6	81.2	17.5	8.8	-16.9	-18.9	0.1
17:46:30	29 10.3	-83 28.5	-56.0	119.9	132.4	3241	331.2	1.8	-1.2*	704.1	81.5	17.8	8.8	3.3	3.3	0.0
17:46:30	29 10.1	-83 28.9	-55.8	119.8	132.1	3256	0.0	24.2	-16.9	81.9	87.9	50.0	40.0	5.1	5.1	12.2
17:46:30	29 10.1	-83 28.9	311.7	316.0	2966	3252	25.4	-7.7	-2.1	81.9	86.5	0.0	221.1	245.0	10.4	134.0
17:47:00	29 14.4	-83 29.7	-62.8	117.7	133.4	3223	327.6	2.1	-1.4	689.2	82.5	17.5	8.8	-16.9	-18.9	0.6
17:47:00	29 12.2	-83 29.6	-62.6	116.5	132.2	3235	327.7	2.0	-1.5	710.6	82.8	17.8	8.8	3.6	3.6	0.0
17:47:00	29 12.1	-83 30.0	-62.3	116.4	132.0	3243	0.0	24.9	-17.0	83.2	89.3	50.0	40.0	5.5	5.5	12.3
17:47:00	29 12.0	-83 30.0	310.9	315.1	2894	3244	25.4	-8.3	-2.2	83.2	87.9	0.0	222.8	245.2	10.7	134.5
17:47:30	29 16.3	-83 30.9	-64.9	116.5	133.3	3223	326.8	2.1	-0.4	689.1	82.3	17.5	9.1	-16.9	-18.9	0.1
17:47:30	29 14.1	-83 30.8	-64.7	115.3	132.2	3233	326.7	2.0	-0.5	731.8	82.5	17.8	9.1	3.9	3.9	0.0
17:47:30	29 13.9	-83 31.2	-64.5	115.1	131.9	3247	0.0	24.6	-17.1	82.9	89.0	50.0	40.3	6.0	6.0	12.1
17:47:30	29 13.9	-83 31.2	308.6	312.6	2662	3245	25.2	-8.7	-2.4	82.9	87.6	0.0	222.4	233.6	10.3	132.4
17:48:00	29 18.2	-83 32.1	-63.9	117.0	133.4	3223	327.3	2.1	-0.7	689.2	82.5	17.6	8.8	-16.9	-18.9	0.5
17:48:00	29 16.0	-83 31.9	-63.7	115.9	132.2	3233	327.2	2.0	-0.8	702.0	82.7	17.9	8.8	3.1	3.1	0.0
17:48:00	29 15.8	-83 32.4	-63.5	115.7	132.0	3246	0.0	25.0	-17.0	83.0	89.2	50.0	39.9	4.9	4.9	12.3
17:48:00	29 15.8	-83 32.4	312.0	316.2	2990	3244	25.1	-9.1	-2.5	83.2	87.9	0.0	222.7	249.2	10.5	135.2
17:48:30	29 20.1	-83 33.3	-63.7	117.9	134.0	3223	327.6	2.0	-0.6	689.1	82.7	17.6	8.9	-16.9	-18.9	0.1
17:48:30	29 17.8	-83 33.1	-63.5	116.7	132.9	3233	327.9	1.9	-0.7	712.3*	83.0	17.8	8.8	2.6	2.6	-0.0
17:48:30	29 17.7	-83 33.6	-63.2	116.6	132.6	3245	0.0	24.4	-17.3	83.3	89.5	50.0	40.0	4.9	4.9	12.2
17:48:30	29 17.7	-83 33.5	310.7	314.9	2875*	3244	25.2	-8.9	-2.4	83.4	88.1	0.0	223.0	242.2	10.3	134.5
17:49:00	29 22.0	-83 34.5	-65.6	116.9	134.1	3223	326.3	1.9	-0.7	689.0	83.5	17.9	9.1	-16.9	-18.9	0.5
17:49:00	29 19.7	-83 34.3	-65.4	115.8	133.0	3235	326.4	1.8	-0.9	705.5	83.7	18.2	9.0	2.5	2.5	0.0
17:49:00	29 19.6	-83 34.7	-65.0	115.7	132.7	3244	0.0	24.7	-17.4	84.0	90.3	50.0	39.8	4.6	4.6	12.1
17:49:00	29 19.5	-83 34.7	311.8	316.0	2951	3245	25.3	-9.4	-2.6	84.2	88.9	0.0	224.0	246.8	11.3	135.7
17:49:30	29 23.9	-83 35.7	-65.6	117.5	134.5	3223	326.5	2.0	-0.7	689.1	83.3	18.1	9.2	-16.9	-18.9	1.2
17:49:30	29 21.6	-83 35.5	-65.4	116.4	133.5	3234	326.4	1.9	-0.8	702.3	83.6	18.3	9.2	2.0	2.0	0.0
17:49:30	29 21.5	-83 35.9	-65.1	116.3	133.2	3240	0.0	25.2	-17.2	83.9	90.2	50.0	39.8	4.2	4.2	11.9
17:49:30	29 21.4	-83 35.9	312.4	316.6	2987	3244	25.6	-9.8	-2.7	84.1	88.8	0.0	223.8	245.5	11.3	135.9
17:50:00	29 25.8	-83 36.9	-65.8	117.5	134.7	3223	326.5	2.0	-0.8	689.0	83.4	18.3	9.3	-16.9	-18.9	0.4
17:50:00	29 23.5	-83 36.7	-65.6	116.5	133.7	3234	326.4	1.8	-0.9	697.4	83.7	18.6	9.3	1.7	1.7	0.0
17:50:00	29 23.3	-83 37.1	-65.3	116.3	133.4	3240	0.0	24.3	-17.6	84.1	90.3	50.0	39.7	3.8	3.8	11.8
17:50:00	29 23.3	-83 37.1	313.1	317.4	3042	3244	25.5	-7.9	-2.1	84.1	88.9	0.0	224.0	248.3	10.8	136.5
17:50:30	29 27.7	-83 38.1	-66.2	117.6	135.0	3223	326.5	2.0	-0.8	689.1	83.8	18.2	9.2	-16.9	-18.9	0.4
17:50:30	29 25.4	-83 38.0	-66.0	116.6	134.0	3233	326.8	1.8	-0.9	697.4	84.1	18.4	9.1	1.8	1.8	0.0
17:50:30	29 25.2	-83 38.4	-65.7	116.5	133.7	3241	0.0	24.2	-17.8	84.4	90.7	50.0	39.6	3.9	3.9	12.0
17:50:30	29 25.2	-83 38.3	312.9	317.2	3042	3244	25.5	-9.1	-2.5	84.5	89.3	0.0	224.5	248.3	10.6	136.8
17:51:00	29 29.6	-83 39.4	-66.3	117.6	135.0	3223	326.3	2.0	-0.6	689.1	84.3	17.9	8.9	-16.9	-18.9	0.4
17:51:00	29 27.3	-83 39.2	-66.1	116.6	134.1	3231	326.3	1.8	-0.7	701.9*	84.6	18.1	8.8	2.7	2.7	0.0
17:51:00	29 27.1	-83 39.6	-65.7	116.5	133.7	3244	0.0	24.0	-18.0	84.9	91.2	50.0	39.7	4.8	4.8	12.2
17:51:00	29 27.1	-83 39.6	312.1	316.3	2991*	3244	25.6	-8.1	-2.2	85.0	89.8	0.0	225.1	247.2	11.0	136.7

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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
17:51:30	29 31.5	-83 40.6	-66.3	117.7	135.1	3223	326.5	2.0	-0.6	689.2	83.8	18.0	9.3	-16.9	-18.9	0.4
17:51:30	29 29.2	-83 40.4	-66.1	116.8	134.2	3230	326.4	1.9	-0.7	725.3*	84.1	18.2	9.3	2.8	2.8	0.0
17:51:30	29 29.0	-83 40.8	-65.7	116.6	133.9	3246	0.0	23.9	-17.9	84.4	90.7	50.0	40.0	4.8	4.8	11.9
17:51:30	29 29.0	-83 40.8	309.6	313.7	2732*	3242	25.6	-8.6	-2.3	84.5	89.3	0.0	224.5	233.9	10.5	134.3
17:52:00	29 33.5	-83 41.8	-66.5	117.9	135.4	3223	326.5	1.9	-0.7	689.1	83.9	17.7	9.0	-16.9	-18.9	0.4
17:52:00	29 31.1	-83 41.6	-66.3	117.0	134.5	3233	326.4	1.7	-0.8	720.0	84.1	17.9	8.9	3.9	3.9	0.0

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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
17:56:30	29 50.6	-83 52.9	-66.1	116.7	134.1	3223	327.0	1.8	-0.7	689.2	85.8	18.8	9.9	-16.9	-18.8	0.4
17:56:30	29 48.2	-83 52.7	-65.9	116.2	133.6	3224	327.3	1.7	-0.9	726.2*	86.1	19.0	9.9	-2.5	-2.8	0.0
17:56:30	29 48.0	-83 53.0	-65.3	116.0	133.1	3238	0.0	22.3	-19.3	86.4	92.7	50.0	39.8	-0.2	-0.2	11.4
17:56:30	29 47.9	-83 53.0	310.2	314.3	2722*	3239	26.1	-8.3	-2.2	86.5	91.4	0.0	227.1	249.9	8.9	135.9
17:57:00	29 52.5	-83 54.2	-66.1	116.7	134.1	3223	327.0	1.8	-0.8	689.3	85.2	18.4	9.6	-16.9	-18.9	0.4
17:57:00	29 50.0	-83 53.9	-66.0	116.2	133.6	3226	327.1	1.7	-1.0	721.2*	85.4	18.7	9.5	-3.4	-3.9	0.0
17:57:00	29 49.8	-83 54.2	-65.4	116.0	133.2	3237	0.0	23.0	-18.7	85.8	92.0	50.0	39.8	-1.1	-1.2	11.6
17:57:00	29 49.8	-83 54.2	310.4	314.5	2777*	3238	26.0	-8.5	-2.3	85.9	90.7	0.0	226.3	248.9	8.9	135.8
17:57:30	29 54.4	-83 55.4	-66.2	116.6	134.1	3223	327.1	1.9	-0.8	689.3	84.4	18.3	9.6	-16.9	-18.9	0.4
17:57:30	29 51.9	-83 55.2	-66.0	116.1	133.5	3222	327.0	1.8	-0.9	727.0*	84.6	18.6	9.6	-0.1	-0.1	0.0
17:57:30	29 51.7	-83 55.4	-65.4	115.9	133.1	3232	0.0	23.3	-18.3	85.0	91.2	50.0	40.0	1.3	1.3	11.6
17:57:30	29 51.7	-83 55.4	309.7	313.8	2714*	3237	26.0	-8.2	-2.2	85.0	89.9	0.0	225.2	242.2	8.5	134.6
17:58:00	29 56.3	-83 56.6	-66.4	116.6	134.2	3223	327.0	1.9	-0.5	689.4	84.8	18.3	9.5	-16.9	-18.9	0.4
17:58:00	29 53.8	-83 56.4	-66.2	116.2	133.7	3221	327.0	1.7	-0.6	724.1*	85.1	18.6	9.5	-0.1	-0.1	0.0
17:58:00	29 53.6	-83 56.7	-65.6	116.0	133.3	3229	0.0	23.1	-18.5	85.4	91.7	50.0	39.9	2.2	2.2	11.7
17:58:00	29 53.6	-83 56.6	310.0	314.1	2745*	3236	25.9	-8.1	-2.1	85.5	90.4	0.0	225.8	245.4	8.5	135.2
17:58:30	29 58.2	-83 57.9	-65.6	115.4	132.8	3223	327.1	1.9	-0.5	688.0	84.0	18.3	9.2	-16.9	-18.9	0.4
17:58:30	29 55.7	-83 57.6	-65.5	115.0	132.3	3238	327.4	1.7	-0.7	693.8	84.3	18.5	9.1	-1.4	-1.6	0.0
17:58:30	29 55.5	-83 57.9	-64.9	114.9	131.9	3245	0.0	24.1	-17.9	84.6	90.9	50.0	39.6	1.0	1.0	11.9
17:58:30	29 55.4	-83 57.9	313.4	317.8	3083	3253	25.8	-8.4	-2.2	84.7	89.6	0.0	224.7	266.7	9.5	137.3
17:59:00	30 0.1	-83 59.1	-65.6	115.5	132.8	3223	327.2	1.9	-0.6	688.0	83.9	18.1	9.1	-16.9	-18.9	0.0
17:59:00	29 57.5	-83 58.8	-65.5	115.0	132.4	3238	327.3	1.8	-0.7	694.3	84.1	18.4	9.0	0.1	0.1	0.0
17:59:00	29 57.3	-83 59.1	-64.9	114.9	132.0	3246	0.0	24.1	-17.8	84.4	90.7	50.0	39.6	2.2	2.2	12.0
17:59:00	29 57.3	-83 59.1	313.2	317.6	3076	3253	26.2	-8.8	-2.4	84.5	89.4	0.0	224.6	266.0	9.3	137.1
17:59:30	30 1.9	-84 0.3	-65.9	115.2	132.7	3223	327.1	2.0	-0.9	688.1	83.8	18.4	9.3	-16.9	-18.9	0.0
17:59:30	29 59.4	-84 0.1	-65.7	114.8	132.3	3236	327.0	1.9	-1.0	694.3	84.0	18.6	9.3	-3.0	-3.4	0.0
17:59:30	29 59.2	-84 0.3	-65.1	114.7	131.9	3254	0.0	23.3	-18.1	84.3	90.6	50.0	39.6	-1.0	-1.2	11.8
17:59:30	29 59.2	-84 0.3	313.5	317.9	3077	3252	26.1	-8.3	-2.2	84.4	89.3	0.0	224.4	266.7	9.2	137.1
18:00:00	30 3.8	-84 1.5	-66.3	114.8	132.5	3223	326.8	2.1	-0.9	688.1	84.6	18.3	9.2	-16.9	-18.9	0.0
18:00:00	30 1.3	-84 1.3	-66.1	114.4	132.2	3237	326.7	1.9	-1.0	696.6	84.9	18.5	9.1	-0.8	-0.9	0.0
18:00:00	30 1.1	-84 1.5	-65.5	114.3	131.7	3254	0.0	24.0	-18.0	85.2	91.4	50.0	39.5	-4.0	-4.5*	11.9
18:00:00	30 1.0	-84 1.5	313.1	317.4	3050	3251	26.1	-8.6	-2.2	85.3	90.2	0.0	225.5	269.4	9.6	137.5
18:00:30	30 5.7	-84 2.8	-65.9	114.7	132.3	3223	326.8	2.1	-0.6	688.1	83.5	18.4	9.5	-16.9	-18.9	0.0
18:00:30	30 3.1	-84 2.5	-65.8	114.3	131.9	3235	327.1	1.9	-0.7	701.0	83.8	18.7	9.4	-3.6	-4.0	0.0
18:00:30	30 2.9	-84 2.7	-65.2	114.2	131.5	3254	0.0	24.5	-17.5	84.1	90.4	50.0	39.7	-2.9	-3.3	11.7
18:00:30	30 2.9	-84 2.7	312.8	317.1	3001	3251	26.2	-8.5	-2.3	84.2	89.1	0.0	224.1	263.9	9.3	136.3
18:01:00	30 7.5	-84 4.0	-65.8	114.5	132.1	3223	326.9	2.0	-0.8	688.1	83.5	18.5	9.5	-16.9	-18.9	0.0
18:01:00	30 5.0	-84 3.7	-65.7	114.2	131.8	3232	327.0	1.9	-0.9	700.1	83.7	18.7	9.5	-8.7	-9.8	0.0
18:01:00	30 4.8	-84 4.0	-65.1	114.1	131.4	3252	0.0	23.3	-17.9	84.0	90.2	50.0	39.7	-9.8	-11.1	11.7
18:01:00	30 4.7	-84 3.9	313.0	317.3	3011	3251	26.5	-8.7	-2.3	84.1	88.9	0.0	224.1	265.7	9.2	136.4

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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
18:01:30	30 9.4	-84 5.2	-66.2	114.2	132.0	3223	326.9	2.0	-0.8	688.2	83.0	18.5	9.6	-16.9	-18.9	0.0
18:01:30	30 6.8	-84 5.0	-66.1	113.9	131.7	3225	326.9	1.9	-0.9	698.9*	83.2	18.8	9.5	-8.2	-9.3	0.0
18:01:30	30 6.6	-84 5.2	-65.5	113.8	131.3	3251	0.0	23.7	-17.6	83.6	89.7	50.0	39.8	-5.3	-6.0	11.6
18:01:30	30 6.6	-84 5.1	313.2	317.5	3025*	3251	29.0	-7.6	-2.0	83.6	88.4	0.0	223.4	266.8	8.5	136.1
18:02:00	30 11.2	-84 6.5	-66.0	114.2	131.9	3223	326.9	1.9	-0.6	688.1	83.5	18.7	9.8	-16.9	-18.9	0.0
18:02:00	30 8.7	-84 6.2	-65.8	114.0	131.6	3249	326.8	1.8	-0.7	703.5*	83.7	19.0	9.8	-11.2	-12.6	0.0
18:02:00	30 8.4	-84 6.4	-65.2	113.9	131.2	3250	0.0	23.3	-18.0	84.1	90.3	50.0	39.8	-7.9	-8.9	11.4
18:02:00	30 8.4	-84 6.4	312.9	317.1	2972*	3251	28.7	-8.4	-2.3	84.1	89.0	0.0	224.1	266.2	9.0	136.1
18:02:30	30 13.1	-84 7.7	-65.4	113.8	131.2	3223	326.9	2.1	-0.6	688.1	84.0	18.8	9.8	-16.9	-18.9	0.0
18:02:30	30 10.5	-84 7.4	-65.3	113.5	131.0	3237	327.2	1.9	-0.8	701.0	84.3	19.0	9.7	-8.0	-9.0	0.0
18:02:30	30 10.3	-84 7.6	-64.6	113.4	130.6	3251	0.0	22.8	-18.4	84.7	90.8	50.0	39.7	-5.0	-5.7	11.5
18:02:30	30 10.3	-84 7.6	313.1	317.4	3001	3251	29.7	-7.8	-2.0	84.7	89.5	0.0	224.8	273.1	9.7	136.8
18:03:00	30 14.9	-84 8.9	-65.3	113.5	131.0	3223	327.1	1.9	-0.5	688.1	83.2	18.6	9.7	-16.9	-18.9	0.0
18:03:00	30 12.4	-84 8.6	-65.1	113.3	130.7	3233	327.1	1.8	-0.7	705.1	83.4	18.8	9.7	-9.3	-10.4	0.0
18:03:00	30 12.1	-84 8.8	-64.5	113.2	130.3	3252	0.0	23.3	-17.9	83.8	89.9	50.0	39.8	-6.5	-7.3	11.5
18:03:00	30 12.1	-84 8.8	312.6	316.8	2955	3252	27.6	-8.2	-2.1	83.8	88.6	0.0	223.7	270.0	9.0	135.7
18:03:30	30 16.8	-84 10.1	-65.4	113.5	131.0	3223	327.1	1.9	-0.6	688.1	83.2	18.5	9.5	-16.9	-18.9	0.0
18:03:30	30 14.2	-84 9.9	-65.2	113.3	130.8	3229	327.0	1.8	-0.7	694.6	83.5	18.7	9.4	-8.1	-9.2	0.0
18:03:30	30 14.0	-84 10.0	-64.6	113.2	130.4	3251	0.0	23.2	-18.0	83.8	90.0	50.0	39.7	-6.3	-7.1	11.7
18:03:30	30 13.9	-84 10.0	313.7	318.0	3073	3252	27.9	-8.6	-2.3	83.9	88.7	0.0	223.7	275.1	9.5	136.7
18:04:00	30 18.6	-84 11.4	-65.4	113.4	130.9	3223	327.1	2.0	-0.6	688.2	83.2	18.5	9.6	-16.9	-18.9	0.0
18:04:00	30 16.0	-84 11.1	-65.2	113.2	130.7	3229	327.0	1.9	-0.7	696.8*	83.5	18.8	9.5	-8.2	-9.3	0.0
18:04:00	30 15.8	-84 11.2	-64.6	113.1	130.3	3248	0.0	23.8	-17.7	83.8	90.0	50.0	39.7	-5.3	-6.0	11.6
18:04:00	30 15.8	-84 11.2	313.5	317.8	3048	3250	28.7	-8.4	-2.2	83.9	88.7	0.0	223.7	274.7	9.4	136.5
18:04:30	30 20.4	-84 12.6	-67.0	112.2	130.7	3223	326.2	2.0	-1.1	688.2	83.2	18.5	9.5	-16.9	-18.9	0.0
18:04:30	30 17.9	-84 12.3	-66.8	112.1	130.5	3227	326.5	1.8	-1.2	693.6	83.5	18.7	9.5	-7.2	-8.2	0.0
18:04:30	30 17.6	-84 12.4	-66.2	112.0	130.1	3250	0.0	24.2	-17.5	83.8	90.0	50.0	39.7	-4.7	-5.3	11.7
18:04:30	30 17.6	-84 12.4	313.8	318.1	3084	3250	29.6	-8.8	-2.3	83.9	88.6	0.0	223.7	276.1	9.7	136.7
18:05:00	30 22.3	-84 13.8	-67.7	111.4	130.4	3223	325.7	2.0	-0.7	688.2	82.9	18.6	9.6	-16.9	-18.9	0.0
18:05:00	30 19.7	-84 13.6	-67.6	111.3	130.2	3240	325.8	1.9	-0.9	695.7	83.1	18.8	9.6	-7.9	-8.9	0.0
18:05:00	30 19.4	-84 13.7	-67.0	111.2	129.8	3248	0.0	23.6	-17.6	83.4	89.6	50.0	39.7	-5.3	-6.0	11.6
18:05:00	30 19.4	-84 13.7	313.7	318.0	3060	3249	27.7	-8.2	-2.2	83.5	88.3	0.0	223.2	275.1	9.6	136.3
18:05:30	30 24.1	-84 15.1	-67.4	111.0	129.9	3223	325.7	2.2	-0.8	688.3	82.7	18.5	9.6	-16.9	-18.9	0.0
18:05:30	30 21.5	-84 14.8	-67.3	111.0	129.8	3236	325.6	2.1	-0.9	694.8*	82.9	18.7	9.5	-8.0	-9.0	0.0
18:05:30	30 21.2	-84 14.9	-66.7	110.8	129.3	3246	0.0	24.3	-17.2	83.3	89.4	50.0	39.7	-5.3	-5.9	11.7
18:05:30	30 21.2	-84 14.9	313.7	318.0	3071	3246	29.4	-8.1	-2.2	83.3	88.1	0.0	223.0	276.4	9.9	136.2
18:06:00	30 25.9	-84 16.4	-67.3	110.8	129.6	3223	325.9	2.0	-0.7	688.2	82.2	18.4	9.5	-16.9	-18.9	0.0
18:06:00	30 23.3	-84 16.1	-67.1	110.7	129.5	3223	325.8	1.9	-0.8	693.5	82.5	18.6	9.4	-7.9	-8.9	0.0
18:06:00	30 23.0	-84 16.2	-66.5	110.6	129.1	3249	0.0	24.1	-17.2	82.8	89.0	50.0	39.8	-5.1	-5.8	11.7
18:06:00	30 23.0	-84 16.1	313.8	318.1	3085	3247	30.5	-8.7	-2.3	82.9	87.6	0.0	222.4	277.8	9.8	136.0

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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
18:06:30	30 27.7	-84 17.6	-67.1	110.7	129.5	3223	325.8	2.1	-0.6	688.3	82.3	18.2	9.3	-16.9	-18.9	0.0
18:06:30	30 25.1	-84 17.3	-67.0	110.6	129.4	3208	326.1	1.9	-0.8	693.5	82.6	18.5	9.3	-7.1	-8.0	0.0
18:06:30	30 24.8	-84 17.4	-66.4	110.5	128.9	3248	0.0	24.5	-17.1	82.9	89.1	50.0	39.8	-4.8	-5.4	11.8
18:06:30	30 24.8	-84 17.4	313.6	318.0	3085	3245	34.1	-8.6	-2.3	83.0	87.8	0.0	222.5	277.7	10.0	136.0
18:07:00	30 29.5	-84 18.9	-66.9	110.9	129.5	3223	325.8	2.1	-0.6	688.3	82.2	18.3	9.4	-16.9	-18.9	0.1
18:07:00	30 26.9	-84 18.6	-66.8	110.8	129.4	3206	325.8	2.0	-0.8	693.4	82.4	18.6	9.4	-7.5	-8.4	0.0
18:07:00	30 26.6	-84 18.7	-66.2	110.7	129.0	3249	0.0	24.0	-17.2	82.8	88.9	50.0	39.8	-4.6	-5.2	11.7
18:07:00	30 26.6	-84 18.6	313.8	318.1	3086	3245	32.5	-7.8	-2.1	82.8	87.6	0.0	222.3	276.6	10.1	135.9
18:07:30	30 31.2	-84 20.1	-66.7	111.2	129.6	3223	325.8	1.9	-0.8	688.1	81.9	18.3	9.4	-16.9	-18.9	0.6
18:07:30	30 28.7	-84 19.8	-66.5	111.1	129.5	3196	325.8	1.8	-0.9	692.8	82.1	18.6	9.4	-7.7	-8.7	0.0
18:07:30	30 28.4	-84 19.9	-65.9	111.0	129.1	3250	0.0	23.8	-17.2	82.5	88.6	50.0	39.8	-4.8	-5.4	11.7
18:07:30	30 28.4	-84 19.9	313.8	318.2	3093	3248	31.1	-8.2	-2.2	82.6	87.3	0.0	221.9	274.3	10.2	135.7
18:08:00	30 33.1	-84 21.4	-67.3	111.1	129.9	3223	325.6	2.1	-0.7	688.2	82.6	18.3	9.4	-16.9	-18.9	0.1
18:08:00	30 30.5	-84 21.1	-67.2	111.1	129.8	3198	325.5	1.9	-0.8	693.4	82.9	18.6	9.4	-7.5	-8.5	0.0
18:08:00	30 30.2	-84 21.1	-66.6	111.0	129.4	3247	0.0	24.0	-17.4	83.2	89.4	50.0	39.7	-4.6	-5.3	11.8
18:08:00	30 30.2	-84 21.1	313.7	318.0	3087	3246	28.7	-8.1	-2.2	83.3	88.1	0.0	222.9	274.8	10.4	136.3
18:08:30	30 34.9	-84 22.6	-70.6	108.8	129.7	3223	323.4*	2.3	-17.2*	688.3	81.9	18.3	9.4	-16.9	-18.9	0.5
18:08:30	30 32.3	-84 22.3	-70.5	108.8	129.6	3200	323.7*	2.1	-17.3*	693.0	82.2	18.6	9.4	-7.6	-8.6	0.0
18:08:30	30 32.0	-84 22.4	-69.8	108.8	129.2	3248	0.0	27.5	-15.9	82.2	88.7	50.0	39.8	-4.9	-5.5	11.8
18:08:30	30 32.0	-84 22.4	313.8	318.1	3092	3247	29.9	-14.0	-4.1	82.6	87.2	0.0	222.0	271.9	10.1	135.8
18:09:00	30 35.9	-84 24.6	-122.0	29.3	125.5	3223	283.4	2.1	-2.4*	688.6	81.0	18.4	9.6	-16.9	-18.9	1.2
18:09:00	30 33.3	-84 24.3	-122.1	29.5	125.6	3216	283.7	1.9	-2.6*	692.8	81.3	18.7	9.6	-8.3	-9.3	0.0
18:09:00	30 33.0	-84 24.3	-121.6	29.3	125.1	3245	0.0	24.8	-16.5	81.5	87.8	50.0	39.9	-5.5	-6.2	11.6
18:09:00	30 33.0	-84 24.3	314.0	318.4	3094	3243	27.1	-11.0	-3.1	81.7	86.4	0.0	220.8	276.2	9.7	135.1
18:09:30	30 36.4	-84 26.9	-119.7	38.2	125.6	3223	287.2	2.1	1.4	688.3	81.5	18.4	9.6	-16.9	-18.9	0.4
18:09:30	30 33.8	-84 26.6	-119.8	38.4	125.8	3180	287.2	2.0	1.2	693.2	81.7	18.7	9.5	-8.3	-9.4	0.0
18:09:30	30 33.5	-84 26.6	-119.3	38.2	125.3	3250	0.0	24.6	-16.7	82.1	88.2	50.0	39.9	-5.5	-6.2	11.6
18:09:30	30 33.5	-84 26.6	313.9	318.3	3089	3244	26.9	-8.4	-2.2	82.2	86.9	0.0	221.4	276.0	10.0	135.4
18:10:00	30 37.0	-84 29.1	-118.1	42.7	125.6	3223	289.2	2.1	-0.1	688.4	81.5	18.3	9.5	-16.9	-18.9	1.1
18:10:00	30 34.5	-84 28.8	-118.2	42.9	125.7	3189	289.1	2.0	-0.2	692.7	81.8	18.6	9.5	-8.2	-9.2	0.0
18:10:00	30 34.2	-84 28.8	-117.6	42.7	125.2	3246	0.0	24.3	-16.9	82.3	88.4	50.0	39.8	-5.4	-6.1	11.7
18:10:00	30 34.2	-84 28.8	313.9	318.2	3095	3244	28.6	-8.1	-2.2	82.3	87.1	0.0	221.5	276.1	10.2	135.5
18:10:30	30 37.8	-84 31.3	-116.3	43.6	124.2	3223	289.6	5.8	0.0	684.3	78.8	17.9	9.3	-16.9	-18.9	0.4
18:10:30	30 35.2	-84 31.0	-116.4	43.8	124.4	3261	289.7	5.6	-0.1	689.4	79.1	18.1	9.3	-8.2	-9.3	0.0
18:10:30	30 34.9	-84 31.0	-115.9	43.6	123.9	3296	0.0	27.9	-14.6	80.0	86.0	50.0	40.1	-5.6	-6.3	11.9
18:10:30	30 34.9	-84 31.0	314.1	318.5	3132	3288	27.2	-7.0	-1.8	79.5	84.5	0.0	217.9	273.6	9.6	133.6
18:11:00	30 38.4	-84 33.4	-109.0	42.3	116.9	3223	290.3	5.8	-0.1	665.4	67.4	15.0	7.4	-16.9	-18.9	1.0
18:11:00	30 35.9	-84 33.1	-109.1	42.5	117.1	3452	290.5	5.6	-0.2	669.3	67.6	15.3	7.5	-9.3	-10.5	0.0
18:11:00	30 35.6	-84 33.1	-108.6	42.3	116.6	3529	0.0	27.9	-10.9	68.7	74.0	50.0	41.2	-6.8	-7.7	13.5
18:11:00	30 35.6	-84 33.1	314.6	319.1	3363	3525	29.5	-9.3	-2.5	68.0	72.4	0.0	201.8	268.9	8.8	125.2

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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
18:11:30	30 39.1	-84 35.5	-107.5	43.5	116.0	3223	290.6	5.1	-0.1	653.3	63.8	13.8	6.5	-16.9	-18.9	0.3
18:11:30	30 36.6	-84 35.2	-107.6	43.7	116.2	3646	290.6	5.0	-0.2	657.7	64.0	14.3	6.8	-11.8	-13.3	0.0
18:11:30	30 36.3	-84 35.1	-107.2	43.6	115.7	3678	0.0	32.0	-7.8	65.0	70.3	50.0	41.5	-8.9	-10.0	14.4
18:11:30	30 36.3	-84 35.1	315.2	319.8	3499	3676	26.8	-10.3	-2.9	64.4	68.7	0.0	196.5	258.2	8.0	122.8
18:12:00	30 39.9	-84 37.5	-108.4	45.0	117.3	3223	290.9	4.7	-0.4	643.6	64.0	13.2	5.8	-16.9	-18.9	0.9
18:12:00	30 37.3	-84 37.2	-108.5	45.2	117.5	3716	290.8	4.6	-0.5	647.5	64.3	13.7	6.0	-10.4	-11.7	0.0

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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
18:16:30	30 47.1	-84 57.1	-113.2	37.7	119.3	3223	287.0	5.9	-0.5	610.3	65.1	10.3	2.5	-16.9	-18.9	0.5
18:16:30	30 44.6	-84 56.8	-113.3	37.9	119.5	4174	287.1	5.7	-0.7	614.7	65.3	10.7	2.7	-10.1	-11.4	0.0
18:16:30	30 44.3	-84 56.7	-113.1	37.7	119.2	4232	0.0	32.5	-7.9	66.1	71.5	50.0	40.8	-7.3	-8.2	19.1
18:16:30	30 44.3	-84 56.7	316.7	321.7	4021	4224	29.4	-9.7	-2.8	65.7	70.0	0.0	198.4	257.8	8.9	127.2
18:17:00	30 47.7	-84 59.2	-111.5	35.9	117.1	3223	286.7	5.3	-1.4	598.2	61.7	8.8	1.2	-16.9	-18.9	0.5
18:17:00	30 45.2	-84 58.9	-111.5	36.1	117.2	4340	287.0	5.2	-1.5	602.5	62.0	9.4	1.6	-9.5	-10.6	0.0
18:17:00	30 44.9	-84 58.8	-111.4	35.9	117.0	4395	0.0	32.5	-6.8	62.7	67.9	50.0	41.1	-9.2	-10.4	20.9
18:17:00	30 44.9	-84 58.8	317.1	322.1	4175	4386	27.4	-10.0	-2.8	62.3	66.6	0.0	193.3	261.9	8.5	124.9
18:17:30	30 48.3	-85 1.3	-114.0	33.6	118.8	3223	285.7	4.4	-0.4	590.8	61.5	8.7	1.0	-16.9	-18.9	0.5
18:17:30	30 45.8	-85 1.0	-114.1	33.8	119.0	4447	285.7	4.2	-0.6	595.1	61.8	9.3	1.5	-15.7	-17.6	0.0
18:17:30	30 45.5	-85 0.9	-114.0	33.7	118.8	4492	0.0	32.8	-6.5	62.5	67.7	50.0	41.0	-12.6	-14.2	21.2
18:17:30	30 45.5	-85 0.9	318.0	323.1	4269	4487	31.2	-10.3	-2.8	62.1	66.3	0.0	193.0	260.5	7.2	125.4
18:18:00	30 48.8	-85 3.5	-117.5	33.9	122.3	3223	285.7	4.2	-0.8	585.3	64.1	8.9	0.9	-16.9	-18.9	0.5
18:18:00	30 46.3	-85 3.2	-117.6	34.1	122.4	4517	285.6	4.1	-0.9	589.6	64.4	9.3	1.1	-4.8	-5.4	0.0
18:18:00	30 46.0	-85 3.1	-117.5	33.9	122.3	4567	0.0	31.0	-8.2	64.9	70.2	50.0	40.6	-2.6	-2.9	21.4
18:18:00	30 46.0	-85 3.1	318.7	323.9	4340	4562	28.2	-11.3	-3.3	64.7	68.9	0.0	196.9	262.6	6.6	128.4
18:18:30	30 49.4	-85 5.7	-119.3	33.6	124.0	5578*	285.2	4.4	-0.6	578.9	65.6	8.5	0.2	-16.9	-18.9	0.5
18:18:30	30 46.9	-85 5.4	-119.4	33.7	124.1	4622	285.4	4.2	-0.7	583.3	65.8	8.9	0.4	-4.4	-4.9	0.0
18:18:30	30 46.6	-85 5.3	-119.3	33.6	124.0	4651	0.0	30.8	-8.8	66.3	71.7	50.0	40.3	-2.7	-3.1	22.5
18:18:30	30 46.5	-85 5.3	318.9	324.1	4422	4647	27.9	-10.5	-3.0	66.2	70.4	0.0	199.1	263.7	6.9	130.4
18:19:00	30 49.8	-85 8.0	-123.1	4.2	123.1	6761*	273.0	5.2	-1.7*	570.9	65.4	8.7	0.4	-16.9	-18.8	0.5
18:19:00	30 47.2	-85 7.7	-123.2	4.4	123.3	4706	273.2	5.1	-1.8*	575.3	65.7	9.1	0.6	-17.6	-19.7	0.0
18:19:00	30 46.9	-85 7.6	-123.2	4.2	123.3	4763	0.0	31.6	-8.3	66.2	71.6	50.0	40.2	-22.1	-24.6	22.2
18:19:00	30 46.9	-85 7.6	320.4	325.7	4527	4759	26.0	-11.7	-3.5	66.0	70.4	0.0	199.0	276.3	8.0	131.2
18:19:30	30 49.8	-85 10.3	-118.2	3.2	118.3	7045*	272.8	5.3	-0.7	559.5	61.1	7.4	-0.5	-16.9	-18.9	0.5
18:19:30	30 47.3	-85 10.0	-118.4	3.4	118.4	4762	272.8	5.2	-0.8	563.7	61.4	7.9	-0.2	-25.4	-28.1	0.0
18:19:30	30 47.0	-85 9.9	-118.4	3.3	118.4	4924	0.0	31.8	-6.5	61.9	67.1	50.0	40.6	-22.2	-24.7	23.7
18:19:30	30 47.0	-85 9.8	321.2	326.6	4680	4919	28.4	-12.0	-3.6	61.7	65.9	0.0	192.4	275.8	9.7	127.9
18:20:00	30 49.9	-85 12.5	-117.2	4.1	117.3	6812*	273.1	4.9	-0.4	551.8	59.2	6.6	-1.2	-16.9	-18.9	0.5
18:20:00	30 47.4	-85 12.2	-117.4	4.3	117.5	4912	273.0	4.8	-0.4	556.0	59.4	7.3	-0.7	-25.8	-28.5	0.0
18:20:00	30 47.1	-85 12.1	-117.5	4.1	117.5	5034	0.0	32.9	-5.4	60.0	65.1	50.0	40.8	-23.7	-26.2	24.9
18:20:00	30 47.1	-85 12.0	321.6	327.1	4784	5030	26.8	-11.9	-3.6	59.7	63.9	0.0	189.4	273.7	9.3	126.6
18:20:30	30 50.0	-85 14.7	-117.9	5.2	118.0	6568*	273.5	5.2	-0.6	545.7	59.5	6.2	-1.7	-16.9	-18.9	0.5
18:20:30	30 47.4	-85 14.4	-118.0	5.3	118.2	4954	273.6	5.0	-0.7	549.9	59.7	6.8	-1.2	-26.0	-28.8	0.0
18:20:30	30 47.1	-85 14.3	-118.1	5.2	118.2	5122	0.0	33.3	-5.3	60.2	65.4	50.0	40.6	-22.6	-25.1	25.9
18:20:30	30 47.1	-85 14.3	322.0	327.6	4866	5116	32.8	-12.7	-3.8	60.0	64.2	0.0	189.9	272.7	9.5	127.5
18:21:00	30 50.0	-85 16.9	-121.1	6.2	121.3	6613*	273.9	3.0	-0.6	542.0	62.1	6.0	-2.1	-16.9	-18.9	0.5
18:21:00	30 47.5	-85 16.6	-121.3	6.3	121.4	5014	274.3	2.9	-0.7	555.1*	62.4	6.6	-1.7	-26.8	-29.6	0.0
18:21:00	30 47.2	-85 16.5	-121.4	6.2	121.6	5181	0.0	32.2	-6.6	62.6	67.9	50.0	40.3	-23.2	-25.7	26.7
18:21:00	30 47.2	-85 16.5	320.7	326.2	4795*	5172	26.1	-13.5	-4.1	62.7	66.8	0.0	194.0	272.2	8.3	129.5

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:21:30	30 50.2	-85 19.2	-127.6	7.4	127.8	6384*	273.9	2.7	-1.2	541.8	68.6	6.9	-2.0	-16.9	-18.9	0.5
18:21:30	30 47.6	-85 19.0	-127.7	7.5	128.0	5041	273.9	2.6	-1.3	551.5	68.9	7.4	-1.9	-27.0	-29.9	0.0
18:21:30	30 47.3	-85 18.9	-127.9	7.4	128.2	5181	0.0	28.7	-10.3	68.8	74.4	50.0	39.3	-23.3	-25.8	26.6
18:21:30	30 47.3	-85 18.8	321.3	326.9	4844	5173	25.3	-13.3	-4.0	69.2	73.5	0.0	203.7	268.5	8.6	136.3
18:22:00	30 50.3	-85 21.7	-133.7	7.2	133.9	5970*	273.5	2.2	-1.0	542.2	75.1	7.9	-2.0	-16.9	-18.9	0.5
18:22:00	30 47.8	-85 21.4	-133.9	7.3	134.1	5030	273.5	2.1	-1.1	546.8	75.4	8.3	-1.9	-27.1	-29.9	0.0
18:22:00	30 47.5	-85 21.3	-134.1	7.2	134.3	5170	0.0	25.2	-14.0	75.1	80.8	50.0	38.3	-23.2	-25.7	26.4
18:22:00	30 47.5	-85 21.3	322.2	327.8	4909	5166	27.1	-13.0	-3.8	75.7	80.2	0.0	212.9	267.7	9.1	143.0
18:22:30	30 50.4	-85 24.2	-136.0	10.7	136.5	6887*	274.8	2.2	-0.7	542.1	77.9	8.2	-1.6	-16.9	-18.9	0.5
18:22:30	30 47.9	-85 24.0	-136.2	10.8	136.6	5051	274.9	2.1	-0.8	564.1*	78.1	8.6	-1.6	-27.1	-30.0	0.0
18:22:30	30 47.6	-85 23.9	-136.4	10.7	136.8	5166	0.0	25.0	-14.8	77.6	83.4	50.0	38.2	-23.3	-25.8	25.8
18:22:30	30 47.6	-85 23.8	319.8	325.2	4675*	5165	29.2	-12.6	-3.6	78.5	83.1	0.0	216.6	266.0	7.0	143.4
18:23:00	30 50.6	-85 26.8	-135.4	9.6	135.8	6799*	274.2	2.1	-2.1	542.1	77.4	8.3	-1.8	-16.9	-18.9	0.5
18:23:00	30 48.1	-85 26.5	-135.6	9.6	135.9	4999	274.5	2.0	-2.2	549.4	77.7	8.7	-1.8	-27.7	-30.5	0.0
18:23:00	30 47.8	-85 26.4	-135.8	9.5	136.2	5170	0.0	24.8	-14.8	77.2	82.9	50.0	38.0	-24.2	-26.8	26.1
18:23:00	30 47.8	-85 26.4	322.0	327.6	4874	5165	28.4	-10.8	-3.0	78.0	82.5	0.0	216.0	268.4	9.0	144.7
18:23:30	30 50.7	-85 29.3	-135.3	6.2	135.4	6963*	272.7	2.2	-0.8	542.2	76.6	8.3	-1.7	-16.9	-18.9	0.5
18:23:30	30 48.2	-85 29.1	-135.5	6.3	135.6	5044	272.7	2.1	-1.0	548.9	76.9	8.7	-1.6	-27.5	-30.4	0.0
18:23:30	30 47.9	-85 29.0	-135.7	6.2	135.9	5167	0.0	25.4	-14.3	76.6	82.2	50.0	38.1	-24.5	-27.2	25.9
18:23:30	30 47.9	-85 28.9	322.2	327.8	4880	5164	26.9	-9.7	-2.6	77.3	81.8	0.0	214.9	266.6	8.7	144.1
18:24:00	30 50.8	-85 31.9	-135.0	6.7	135.2	6634*	272.9	2.3	-0.6	542.2	76.0	8.4	-1.3	-16.9	-18.9	0.5
18:24:00	30 48.3	-85 31.6	-135.2	6.7	135.3	5065	272.8	2.2	-0.7	566.8*	76.3	8.8	-1.2	-25.5	-28.3	0.0
18:24:00	30 48.0	-85 31.5	-135.5	6.6	135.6	5166	0.0	26.0	-13.9	76.1	81.6	50.0	38.5	-25.2	-27.9	25.1
18:24:00	30 48.0	-85 31.5	319.8	325.1	4639*	5163	27.3	-9.5	-2.6	76.7	81.2	0.0	214.1	263.8	6.4	141.5
18:24:30	30 50.9	-85 34.4	-134.5	7.2	134.7	6662*	273.2	2.3	-0.6	542.3	75.5	8.4	-1.5	-16.9	-18.9	0.2
18:24:30	30 48.4	-85 34.1	-134.6	7.2	134.8	5057	273.2	2.2	-0.8	548.2	75.7	8.8	-1.4	-26.0	-28.8	0.0
18:24:30	30 48.1	-85 34.1	-135.0	7.1	135.1	5164	0.0	25.7	-13.8	75.5	81.0	50.0	38.3	-25.1	-27.8	25.5
18:24:30	30 48.1	-85 34.0	322.6	328.1	4890	5162	17.4	-9.4	-2.5	76.1	80.6	0.0	213.3	267.7	8.6	143.2
18:25:00	30 51.1	-85 36.9	-134.3	7.4	134.5	2277*	273.3	2.4	-0.7	542.3	74.6	8.4	-1.4	-16.9	-18.9	0.8
18:25:00	30 48.6	-85 36.7	-134.4	7.4	134.6	5071	273.6	2.2	-0.8	547.8	74.9	8.8	-1.3	-26.7	-29.5	0.0
18:25:00	30 48.2	-85 36.6	-134.8	7.3	135.0	5160	0.0	26.2	-13.3	74.7	80.2	50.0	38.4	-25.6	-28.3	25.3
18:25:00	30 48.2	-85 36.6	322.7	328.3	4895	5161	25.9	-9.4	-2.5	75.3	79.7	0.0	212.1	266.6	8.0	142.5
18:25:30	30 51.2	-85 39.5	-134.2	5.0	134.3	1522	272.4	2.4	-1.1	542.3	74.7	8.4	-1.4	-16.9	-18.9	0.2
18:25:30	30 48.7	-85 39.2	-134.4	5.0	134.5	5059	272.4	2.2	-1.2	548.2	74.9	8.8	-1.3	-26.5	-29.4	0.0
18:25:30	30 48.3	-85 39.1	-134.7	4.9	134.8	5163	0.0	26.3	-13.3	74.7	80.2	50.0	38.4	-24.1	-26.7	25.3
18:25:30	30 48.3	-85 39.1	322.7	328.3	4890	5162	14.7	-9.2	-2.5	75.3	79.8	0.0	212.2	268.5	8.2	142.5
18:26:00	30 51.2	-85 42.0	-133.7	4.5	133.8	1522	272.1	2.5	-0.9	542.3	74.5	8.3	-1.4	-16.9	-18.9	0.7
18:26:00	30 48.7	-85 41.7	-133.9	4.4	134.0	5028	272.1	2.3	-1.0	548.0	74.8	8.7	-1.3	-25.7	-28.5	0.0
18:26:00	30 48.4	-85 41.7	-134.3	4.3	134.4	5161	0.0	26.5	-13.2	74.7	80.2	50.0	38.4	-23.1	-25.6	25.4
18:26:00	30 48.4	-85 41.6	322.7	328.3	4893	5161	25.2	-9.3	-2.5	75.2	79.7	0.0	212.0	268.2	8.6	142.4

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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
18:26:30	30 51.3	-85 44.5	-133.7	5.0	133.8	1522	272.0	2.4	-0.7	542.2	74.1	8.7	-1.0	-16.9	-18.9	0.5
18:26:30	30 48.8	-85 44.2	-133.9	4.8	134.0	5002	272.0	2.2	-0.8	547.8	74.3	9.1	-0.9	-25.7	-28.5	0.0
18:26:30	30 48.5	-85 44.2	-134.3	4.8	134.4	5164	0.0	26.9	-12.8	74.2	79.7	50.0	38.5	-26.9	-29.7	24.6
18:26:30	30 48.5	-85 44.1	323.2	328.8	4895	5162	25.6	-9.4	-2.5	74.7	79.2	0.0	211.4	261.6	8.4	142.1
18:27:00	30 51.4	-85 47.0	-133.5	5.1	133.6	1522	272.1	2.4	-0.8	542.3	74.5	8.6	-1.1	-16.9	-18.9	0.5
18:27:00	30 48.9	-85 46.7	-133.7	5.0	133.8	5047	272.4	2.3	-0.9	547.8	74.8	9.0	-1.1	-28.5	-31.4	0.0
18:27:00	30 48.6	-85 46.7	-134.1	4.9	134.2	5165	0.0	26.4	-13.2	74.6	80.1	50.0	38.4	-24.3	-26.9	24.9
18:27:00	30 48.6	-85 46.7	323.0	328.6	4895	5161	26.2	-9.0	-2.4	75.1	79.6	0.0	212.0	263.3	9.0	142.5
18:27:30	30 51.5	-85 49.5	-133.2	5.1	133.3	1522	272.0	2.3	-0.8	542.2	74.6	8.6	-1.2	-16.9	-18.9	0.5
18:27:30	30 49.0	-85 49.2	-133.3	4.9	133.4	5033*	272.0	2.2	-1.0	547.8	74.9	9.0	-1.1	-25.5	-28.2	0.0
18:27:30	30 48.6	-85 49.2	-133.8	4.8	133.9	5167	0.0	26.3	-13.3	74.7	80.1	50.0	38.4	-23.9	-26.5	25.0
18:27:30	30 48.6	-85 49.2	323.0	328.6	4896	5163	26.9	-9.0	-2.4	75.2	79.7	0.0	212.1	263.8	9.4	142.5
18:28:00	30 51.6	-85 52.0	-133.2	2.8	133.2	1522	271.0	2.5	-2.3	542.3	73.9	8.8	-0.9	-16.9	-18.9	0.5
18:28:00	30 49.0	-85 51.8	-133.3	2.6	133.3	5061	270.9	2.4	-2.4	547.6	74.2	9.2	-0.8	-25.5	-28.3	0.0
18:28:00	30 48.7	-85 51.7	-133.8	2.5	133.8	5168	0.0	27.1	-12.7	74.1	79.5	50.0	38.5	-26.0	-28.8	24.4
18:28:00	30 48.7	-85 51.7	323.4	329.0	4898	5161	13.9	-8.5	-2.3	74.6	79.1	0.0	211.2	262.5	8.9	142.0
18:28:30	30 51.6	-85 54.5	-132.9	-0.4	132.9	1522	269.8	2.5	-0.8	542.3	73.7	9.1	-0.6	-16.9	-18.9	0.5
18:28:30	30 49.1	-85 54.3	-133.1	-0.7	133.1	4972*	269.9	2.3	-0.9	547.6	74.0	9.5	-0.6	-27.4	-30.2	0.0
18:28:30	30 48.7	-85 54.2	-133.6	-0.7	133.6	5165	0.0	26.9	-12.7	73.8	79.3	50.0	38.5	-24.2	-26.8	23.9
18:28:30	30 48.7	-85 54.2	323.7	329.3	4898	5161	15.2	-9.6	-2.6	74.4	78.9	0.0	210.9	262.6	9.1	141.9
18:29:00	30 51.6	-85 57.0	-132.4	-0.3	132.4	1522	269.8	2.5	-0.9	542.3	73.2	9.0	-0.6	-16.9	-18.9	0.5
18:29:00	30 49.0	-85 56.8	-132.5	-0.6	132.5	4926*	270.2	2.3	-1.1	547.4	73.4	9.4	-0.5	-25.2	-27.9	0.0
18:29:00	30 48.7	-85 56.7	-133.1	-0.6	133.1	5164	0.0	26.1	-12.9	73.3	78.8	50.0	38.6	-21.4	-23.8	23.9
18:29:00	30 48.7	-85 56.7	323.8	329.4	4900	5162	22.6	-9.1	-2.5	73.8	78.3	0.0	210.1	262.3	9.1	141.4
18:29:30	30 51.6	-85 59.5	-132.2	0.1	132.2	1522	269.5	2.4	-0.5	542.2	74.0	8.8	-0.9	-16.9	-18.8	0.2
18:29:30	30 49.0	-85 59.2	-132.3	-0.2	132.3	5031	269.5	2.2	-0.7	547.3	74.3	9.2	-0.8	-23.9	-26.5	0.0
18:29:30	30 48.7	-85 59.2	-132.9	-0.2	132.9	5162	0.0	26.4	-13.0	74.2	79.6	50.0	38.5	-25.0	-27.7	24.4
18:29:30	30 48.7	-85 59.2	323.4	329.0	4902	5164	25.8	-8.9	-2.4	74.7	79.2	0.0	211.3	256.4	10.3	142.2
18:30:00	30 51.6	-86 2.0	-131.6	0.0	131.6	7038*	269.7	3.0	-0.6	542.5	71.8	8.8	-0.7	-16.9	-18.9	0.8
18:30:00	30 49.0	-86 1.7	-131.8	-0.3	131.8	4992*	269.6	2.9	-0.8	547.3	72.0	9.2	-0.6	-23.8	-26.4	0.0
18:30:00	30 48.7	-86 1.7	-132.4	-0.4	132.4	5158	0.0	28.1	-11.6	72.1	77.5	50.0	38.8	-21.4	-23.8	24.0
18:30:00	30 48.7	-86 1.7	323.7	329.3	4902	5160	25.5	-8.9	-2.4	72.4	76.9	0.0	208.1	257.1	8.7	140.1
18:30:30	30 51.6	-86 4.4	-131.5	6.9	131.7	7032*	272.5	2.7	1.2	542.4	72.0	8.8	-0.7	-16.9	-18.9	0.3
18:30:30	30 49.1	-86 4.2	-131.7	6.5	131.8	5022	272.6	2.5	1.1	547.5	72.2	9.2	-0.6	-21.2	-23.6	0.0
18:30:30	30 48.7	-86 4.2	-132.3	6.6	132.4	5157	0.0	27.7	-11.8	72.2	77.6	50.0	38.8	-21.8	-24.2	24.0
18:30:30	30 48.7	-86 4.2	323.7	329.3	4899	5161	11.8	-9.6	-2.6	72.6	77.1	0.0	208.4	255.1	9.0	140.3
18:31:00	30 51.7	-86 6.9	-129.1	11.5	129.7	7365*	274.4	2.4	-0.7	542.0	70.2	8.2	-1.0	-16.9	-18.9	1.0
18:31:00	30 49.2	-86 6.6	-129.3	11.0	129.7	5007	274.8	2.3	-0.8	546.6	70.5	8.7	-0.9	-24.3	-26.9	0.0
18:31:00	30 48.9	-86 6.7	-129.9	11.0	130.4	5166	0.0	27.5	-11.4	70.6	75.9	50.0	39.0	-24.6	-27.3	24.6
18:31:00	30 48.9	-86 6.6	323.4	329.0	4912	5168	25.1	-8.8	-2.4	70.9	75.2	0.0	206.0	258.5	9.4	138.7

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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
18:31:30	30 51.9	-86 9.3	-130.0	10.8	130.5	6794*	274.0	2.7	-1.8	542.3	71.8	8.2	-1.2	-16.9	-18.9	0.3
18:31:30	30 49.4	-86 9.1	-130.1	10.3	130.5	4989	274.0	2.5	-2.0	548.3	72.1	8.7	-1.1	-26.8	-29.7	0.0
18:31:30	30 49.1	-86 9.1	-130.7	10.3	131.1	5149	0.0	27.1	-12.0	72.0	77.4	50.0	38.8	-24.1	-26.7	24.9
18:31:30	30 49.0	-86 9.1	322.9	328.5	4889	5163	24.6	-9.8	-2.7	72.4	76.9	0.0	208.2	257.3	9.9	139.9
18:32:00	30 52.0	-86 11.8	-131.3	-1.4	131.3	7049*	270.1	2.2	-1.6*	542.2	70.8	9.0	-0.4	-16.9	-18.9	1.0
18:32:00	30 49.4	-86 11.5	-131.4	-1.9	131.4	5016	270.0	2.1	-1.7*	546.8	71.0	9.4	-0.3	-26.5	-29.3	0.0

A/C 43, Flgt 060831I, Micro99 date 2006/08/31, Proj acdata Run on Sat Sep 2 17:51:49 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
18:36:30	30 51.7	-86 34.8	-138.7	1.4	138.7	1522	270.0	1.7	0.9	542.0	79.0	9.3	-1.0	-16.9	-18.9	0.4
18:36:30	30 49.0	-86 34.6	-138.8	0.5	138.8	4972	270.1	1.6	0.7	546.8	79.3	9.7	-1.0	-27.5	-30.4	0.0
18:36:30	30 48.7	-86 34.8	-139.6	0.6	139.6	5161	0.0	23.1	-16.0	78.9	84.6	50.0	37.7	-24.8	-27.5	24.7
18:36:30	30 48.7	-86 34.7	323.3	329.0	4908	5164	27.1	-9.6	-2.6	79.6	84.4	0.0	218.1	251.9	8.4	146.7
18:37:00	30 51.8	-86 37.4	-139.8	8.0	140.0	1522	272.1	2.0	-0.4	542.2	81.5	9.9	-0.7	-16.9	-18.9	0.4
18:37:00	30 49.1	-86 37.2	-139.9	7.1	140.1	5069*	272.4	1.9	-0.6	547.2	81.7	10.4	-0.7	-27.0	-29.9	0.0
18:37:00	30 48.8	-86 37.4	-140.7	7.2	140.8	5157	0.0	22.1	-17.2	81.3	87.0	50.0	37.4	-25.5	-28.2	24.0
18:37:00	30 48.8	-86 37.3	323.7	329.3	4903	5158	25.5	-8.6	-2.2	82.1	86.9	0.0	221.4	249.2	9.7	148.9
18:37:30	30 51.9	-86 40.1	-140.1	9.3	140.5	1522	272.3	2.0	-0.6	542.2	81.0	10.0	-0.6	-16.9	-18.9	0.4
18:37:30	30 49.2	-86 39.8	-140.3	8.4	140.5	5005	272.3	1.9	-0.7	547.2	81.3	10.4	-0.6	-26.6	-29.5	0.0
18:37:30	30 48.9	-86 40.0	-141.0	8.5	141.3	5153	0.0	22.3	-16.9	80.9	86.5	50.0	37.5	-25.2	-27.9	23.9
18:37:30	30 48.9	-86 40.0	323.8	329.4	4904	5160	26.7	-8.3	-2.2	81.6	86.5	0.0	220.8	242.9	9.3	148.5
18:38:00	30 52.0	-86 42.7	-139.8	-3.1	139.9	1522	267.8	1.9	-5.0	542.3	80.2	9.6	-0.9	-16.9	-18.9	0.4
18:38:00	30 49.3	-86 42.5	-140.0	-4.1	140.0	4992	267.8	1.8	-5.1	547.1	80.4	10.0	-0.8	-26.8	-29.6	0.0
18:38:00	30 49.0	-86 42.7	-140.8	-4.1	140.8	5157	0.0	21.9	-16.8	80.1	85.7	50.0	37.6	-27.4	-30.2	24.3
18:38:00	30 49.0	-86 42.6	323.5	329.1	4905	5161	14.9	-8.8	-2.4	80.8	85.5	0.0	219.7	249.5	8.3	147.7
18:38:30	30 51.9	-86 45.3	-139.8	-11.8	140.3	1522	264.5	2.0	-1.1	542.3	80.7	9.8	-0.7	-16.9	-18.9	0.4
18:38:30	30 49.2	-86 45.1	-140.0	-12.9	140.6	5059	264.5	1.9	-1.2	547.2	80.9	10.2	-0.7	-28.1	-31.1	0.0
18:38:30	30 48.8	-86 45.3	-140.8	-12.8	141.4	5163	0.0	21.6	-17.1	80.6	86.2	50.0	37.5	-26.2	-29.0	24.1
18:38:30	30 48.8	-86 45.3	323.6	329.3	4904	5160	24.5	-9.0	-2.4	81.3	86.1	0.0	220.3	245.9	8.3	148.2
18:39:00	30 51.7	-86 48.0	-140.0	-13.0	140.6	1522	264.3	1.8	-0.8	542.1	81.0	9.6	-1.0	-16.9	-18.9	0.3
18:39:00	30 48.9	-86 47.7	-140.2	-14.1	140.9	5012	264.7	1.7	-1.0	547.1	81.3	10.0	-1.0	-27.4	-30.3	0.0
18:39:00	30 48.6	-86 48.0	-141.0	-14.0	141.7	5167	0.0	21.9	-17.1	80.9	86.6	50.0	37.5	-24.6	-27.3	24.6
18:39:00	30 48.6	-86 47.9	323.3	328.9	4904	5162	24.1	-9.4	-2.6	81.7	86.5	0.0	220.8	250.6	8.1	148.4
18:39:30	30 51.5	-86 50.6	-140.9	-8.7	141.2	1522	265.8	2.0	0.2	542.2	81.4	9.7	-0.9	-16.9	-18.9	0.9
18:39:30	30 48.7	-86 50.4	-141.1	-9.8	141.4	5016	265.8	1.9	0.0	546.9	81.7	10.1	-0.9	-25.5	-28.2	0.0
18:39:30	30 48.4	-86 50.6	-141.9	-9.7	142.2	5158	0.0	22.3	-17.1	81.3	87.0	50.0	37.4	-25.2	-27.9	24.4
18:39:30	30 48.4	-86 50.6	323.5	329.1	4908	5161	25.3	-8.5	-2.2	82.1	87.0	0.0	221.3	246.4	8.1	148.8
18:40:00	30 51.4	-86 53.3	-141.0	-6.9	141.1	1522	266.3	2.1	-0.6	542.2	80.9	9.7	-0.8	-16.9	-18.9	0.2
18:40:00	30 48.6	-86 53.0	-141.2	-8.0	141.4	5044	266.3	1.9	-0.8	547.3	81.2	10.2	-0.8	-26.7	-29.5	0.0
18:40:00	30 48.3	-86 53.3	-142.0	-7.9	142.2	5159	0.0	22.1	-17.0	80.8	86.4	50.0	37.5	-25.2	-27.9	24.2
18:40:00	30 48.3	-86 53.3	323.5	329.2	4902	5160	27.6	-8.6	-2.3	81.5	86.4	0.0	220.7	243.7	7.8	148.4
18:40:30	30 51.3	-86 55.9	-141.2	-6.7	141.3	1653*	266.6	2.0	-0.7	542.2	80.9	9.8	-0.7	-16.9	-18.9	0.8
18:40:30	30 48.5	-86 55.7	-141.4	-7.9	141.6	5014	266.6	1.9	-0.9	546.9	81.2	10.2	-0.7	-27.8	-30.7	0.0
18:40:30	30 48.1	-86 56.0	-142.2	-7.8	142.4	5160	0.0	22.3	-17.0	80.8	86.5	50.0	37.5	-24.8	-27.5	24.1
18:40:30	30 48.1	-86 55.9	323.7	329.3	4907	5160	20.9	-8.8	-2.4	81.6	86.5	0.0	220.6	246.9	7.5	148.4
18:41:00	30 51.2	-86 58.6	-141.3	-6.5	141.5	6936*	266.8	1.9	-0.9	542.1	81.3	9.7	-0.9	-16.9	-18.9	0.4
18:41:00	30 48.3	-86 58.3	-141.5	-7.7	141.7	5018	267.1	1.8	-1.0	547.1	81.6	10.2	-0.8	-27.8	-30.7	0.0
18:41:00	30 48.0	-86 58.6	-142.3	-7.6	142.5	5159	0.0	22.0	-17.2	81.2	86.9	50.0	37.4	-35.8	-39.3	24.3
18:41:00	30 48.0	-86 58.6	323.5	329.1	4905	5162	26.7	-8.8	-2.3	81.9	86.8	0.0	221.2	249.0	7.6	148.7

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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
18:41:30	30 51.0	-87 1.2	-142.0	-6.5	142.2	6788*	266.7	1.8	-0.7	542.1	81.0	10.2	-0.4	-16.9	-18.9	0.4
18:41:30	30 48.2	-87 1.0	-142.2	-7.8	142.4	5030	266.7	1.7	-0.8	547.0	81.2	10.6	-0.4	-30.1	-33.1	0.0
18:41:30	30 47.9	-87 1.3	-143.0	-7.7	143.2	5158	0.0	21.5	-17.3	80.8	86.5	50.0	37.5	-26.2	-28.9	23.6
18:41:30	30 47.9	-87 1.3	324.0	329.7	4906	5162	25.9	-9.2	-2.5	81.6	86.5	0.0	220.7	243.5	7.0	148.6
18:42:00	30 51.0	-87 3.9	-142.0	-5.5	142.1	7050*	266.8	1.8	-0.5	542.1	80.8	10.1	-0.4	-16.9	-18.9	0.4
18:42:00	30 48.1	-87 3.7	-142.2	-6.8	142.3	5044	266.7	1.7	-0.6	547.0	81.1	10.6	-0.4	-28.7	-31.7	0.0
18:42:00	30 47.8	-87 4.0	-143.0	-6.7	143.1	5160	0.0	21.6	-17.2	80.7	86.3	50.0	37.5	-29.6	-32.6	23.6
18:42:00	30 47.8	-87 4.0	324.0	329.7	4906	5162	21.0	-8.5	-2.3	81.5	86.3	0.0	220.5	238.1	7.2	148.4
18:42:30	30 50.9	-87 6.6	-141.9	-5.4	142.0	5977*	266.8	2.4	-0.5	542.4	81.5	10.1	-0.5	-16.9	-18.9	0.4
18:42:30	30 48.0	-87 6.3	-142.1	-6.8	142.2	4988	266.8	2.2	-0.6	547.4	81.7	10.5	-0.5	-30.2	-33.3	0.0
18:42:30	30 47.7	-87 6.7	-142.9	-6.7	143.0	5158	0.0	21.5	-17.5	81.4	86.9	50.0	37.4	-33.9	-37.2	23.7
18:42:30	30 47.7	-87 6.6	323.9	329.5	4901	5157	24.3	-7.0	-1.7	82.1	86.8	0.0	221.4	243.5	7.5	148.9
18:43:00	30 50.8	-87 9.2	-142.6	-5.6	142.7	6657*	266.9	1.7	-0.4	542.3	81.7	10.4	-0.3	-16.9	-18.9	0.4
18:43:00	30 47.9	-87 9.0	-142.7	-6.9	142.9	4993	267.3	1.6	-0.6	547.3	81.9	10.8	-0.3	-30.7	-33.8	0.0
18:43:00	30 47.6	-87 9.4	-143.5	-6.8	143.7	5157	0.0	21.6	-17.5	81.5	87.2	50.0	37.4	-24.8	-27.5	23.3
18:43:00	30 47.6	-87 9.3	324.1	329.8	4902	5158	23.4	-9.2	-2.5	82.3	87.2	0.0	221.7	241.6	7.2	149.2
18:43:30	30 50.7	-87 11.9	-142.1	-4.9	142.2	5897*	267.6	2.0	-0.8	542.2	83.6	9.7	-1.1	-16.9	-18.9	0.4
18:43:30	30 47.8	-87 11.7	-142.3	-6.3	142.4	4990	267.6	1.8	-1.0	547.3	83.9	10.1	-1.1	-31.2	-34.3	0.0
18:43:30	30 47.5	-87 12.1	-143.1	-6.2	143.2	5157	0.0	20.5	-18.6	83.5	89.2	50.0	37.1	-39.6	-43.2	24.9
18:43:30	30 47.5	-87 12.0	323.1	328.8	4903	5160	25.8	-8.0	-2.1	84.3	89.3	0.0	224.3	255.5	8.6	150.6
18:44:00	30 50.6	-87 14.6	-142.3	-4.3	142.4	1522	267.2	2.1	-0.4	542.3	82.8	9.5	-1.2	-16.9	-18.9	0.4
18:44:00	30 47.7	-87 14.4	-142.5	-5.8	142.6	5011	267.2	1.9	-0.5	547.5	83.1	10.0	-1.2	-35.4	-38.9	0.0
18:44:00	30 47.4	-87 14.8	-143.2	-5.7	143.4	5154	0.0	19.5	-18.8	82.7	88.3	50.0	37.2	-39.8	-43.4	25.0
18:44:00	30 47.4	-87 14.7	323.0	328.6	4900	5159	23.1	-8.2	-2.1	83.4	88.5	0.0	223.2	242.8	8.3	149.9
18:44:30	30 50.5	-87 17.2	-142.3	-5.0	142.4	1522	267.5	1.6	-0.8	542.3	79.3	9.9	-0.5	-16.9	-18.9	0.4
18:44:30	30 47.6	-87 17.0	-142.5	-6.5	142.6	5072*	267.6	1.5	-0.9	547.3	79.5	10.3	-0.4	-34.0	-37.3	0.0
18:44:30	30 47.3	-87 17.4	-143.2	-6.4	143.4	5159	0.0	22.6	-16.3	79.1	84.8	50.0	37.7	-27.8	-30.7	23.6
18:44:30	30 47.3	-87 17.4	323.9	329.6	4903	5163	13.7	-9.6	-2.6	79.9	84.6	0.0	218.5	241.8	5.1	147.0
18:45:00	30 50.5	-87 19.9	-142.9	-4.8	143.0	1522	267.4	1.7	-0.9	542.1	81.9	10.5	-0.2	-16.9	-18.9	0.4
18:45:00	30 47.5	-87 19.7	-143.1	-6.3	143.2	5030*	267.7	1.5	-1.0	547.2	82.1	10.9	-0.2	-30.6	-33.7	0.0
18:45:00	30 47.2	-87 20.1	-143.8	-6.2	143.9	5159	0.0	21.0	-17.8	81.6	87.3	50.0	37.3	-22.3	-24.8	23.2
18:45:00	30 47.2	-87 20.1	324.2	329.9	4903	5165	23.2	-10.0	-2.8	82.5	87.5	0.0	222.0	243.1	7.0	149.4
18:45:30	30 50.4	-87 22.6	-143.3	-4.3	143.3	1522	267.4	2.3	-0.9	542.5	82.0	10.4	-0.3	-16.9	-18.9	0.3
18:45:30	30 47.4	-87 22.4	-143.5	-5.8	143.6	5019	267.4	2.2	-1.1	547.7	82.3	10.8	-0.3	-26.6	-29.4	0.0
18:45:30	30 47.1	-87 22.8	-144.2	-5.7	144.3	5151	0.0	22.0	-17.4	81.8	87.6	50.0	37.3	-26.1	-28.9	23.4
18:45:30	30 47.1	-87 22.8	324.1	329.7	4897	5160	12.9	-9.1	-2.4	82.6	87.6	0.0	222.1	240.0	6.9	149.4
18:46:00	30 50.3	-87 25.3	-143.4	-4.6	143.5	1522	267.5	1.9	-1.2	542.4	82.7	9.7	-1.1	-16.9	-18.9	0.9
18:46:00	30 47.3	-87 25.1	-143.6	-6.2	143.7	4940	267.5	1.7	-1.3	547.2	83.0	10.1	-1.0	-28.6	-31.6	0.0
18:46:00	30 47.0	-87 25.6	-144.3	-6.1	144.5	5154	0.0	21.5	-17.9	82.3	88.2	50.0	37.2	-39.4	-43.0	24.7
18:46:00	30 47.0	-87 25.5	323.2	328.8	4903	5160	7.5	-12.3	-3.5	83.4	88.3	0.0	223.1	241.3	7.1	149.9

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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
18:46:30	30 50.3	-87 28.0	-144.4	-4.1	144.5	1522	267.2	1.7	-0.7	542.3	83.5	10.5	-0.3	-16.9	-18.9	0.3
18:46:30	30 47.2	-87 27.8	-144.6	-5.6	144.7	4936*	267.2	1.6	-0.8	547.7	83.8	11.0	-0.3	-29.5	-32.5	0.0
18:46:30	30 46.9	-87 28.3	-145.3	-5.5	145.4	5162	0.0	21.1	-18.2	83.3	89.0	50.0	37.1	-24.0	-26.6	23.4
18:46:30	30 46.9	-87 28.2	324.0	329.7	4897	5161	7.6	-8.2	-2.1	84.1	89.2	0.0	224.1	236.6	7.3	150.7
18:47:00	30 50.2	-87 30.7	-144.0	-3.5	144.1	1522	267.1	1.8	-0.4	542.2	82.6	10.5	-0.3	-16.9	-18.9	0.9
18:47:00	30 47.1	-87 30.5	-144.2	-5.2	144.3	4983	267.5	1.7	-0.6	547.2	82.9	10.9	-0.3	-29.7	-32.8	0.0
18:47:00	30 46.8	-87 31.0	-144.9	-5.0	145.0	5163	0.0	20.4	-18.3	82.6	88.1	50.0	37.2	-25.6	-28.3*	23.4
18:47:00	30 46.8	-87 30.9	324.1	329.8	4903	5162	27.4	-6.8	-1.6	83.3	88.3	0.0	222.9	231.9	7.3	150.0
18:47:30	30 50.1	-87 33.4	-143.6	-4.6	143.7	1522	267.5	1.6	-0.9	542.0	82.3	10.4	-0.3	-16.9	-18.9	0.8
18:47:30	30 47.0	-87 33.2	-143.8	-6.3	143.9	4994	267.5	1.5	-1.1	546.9	82.5	10.8	-0.3	-33.8	-37.1	0.0
18:47:30	30 46.7	-87 33.7	-144.5	-6.2	144.6	5169	0.0	21.1	-17.9	82.2	87.8	50.0	37.3	-36.8	-40.3	23.4
18:47:30	30 46.7	-87 33.7	324.2	329.8	4907	5164	25.0	-7.1	-1.8	82.9	87.9	0.0	222.4	247.0	6.4	149.7
18:48:00	30 50.0	-87 36.1	-145.0	-5.0	145.1	1522	267.2	1.4	-0.6	542.1	83.4	10.6	-0.2	-16.9	-18.9	0.0
18:48:00	30 46.9	-87 35.9	-145.2	-6.7	145.3	4977	267.2	1.3	-0.7	547.5	83.6	11.1	-0.2	-37.9	-41.5	0.0
18:48:00	30 46.6	-87 36.4	-145.8	-6.6	146.0	5159	0.0	19.8	-18.8	83.1	88.8	50.0	37.1	-37.8	-41.4	23.3
18:48:00	30 46.6	-87 36.4	324.2	329.8	4899	5163	28.5	-8.9	-2.4	83.9	88.9	0.0	223.9	239.7	6.2	150.6
18:48:30	30 50.0	-87 38.9	-144.6	-5.5	144.7	1522	267.3	1.8	-0.9	542.3	82.8	10.4	-0.4	-16.9	-18.8	0.0
18:48:30	30 46.8	-87 38.7	-144.8	-7.2	144.9	5026	267.3	1.7	-1.0	547.7	83.1	10.9	-0.3	-39.7	-43.4	0.0
18:48:30	30 46.5	-87 39.2	-145.4	-7.1	145.6	5155	0.0	20.4	-18.4	82.5	88.2	50.0	37.2	-39.4	-43.0	23.5
18:48:30	30 46.5	-87 39.1	324.0	329.6	4897	5161	11.7	-9.8	-2.7	83.4	88.4	0.0	223.2	242.2	6.0	150.1
18:49:00	30 49.9	-87 41.6	-144.8	-5.8	144.9	1522	266.9	1.8	-0.5	542.2	81.8	10.5	-0.1	-16.9	-18.9	0.0
18:49:00	30 46.7	-87 41.4	-145.0	-7.6	145.2	5030	267.2	1.6	-0.6	547.7	82.1	11.0	-0.1	-40.5	-44.1	0.0
18:49:00	30 46.4	-87 41.9	-145.6	-7.4	145.8	5152	0.0	21.1	-17.7	81.7	87.3	50.0	37.4	-38.1	-41.7	23.1
18:49:00	30 46.4	-87 41.9	324.3	329.9	4896	5162	25.2	-7.1	-1.7	82.4	87.4	0.0	221.9	235.3	5.1	149.3
18:49:30	30 49.8	-87 44.3	-144.6	-5.6	144.7	1522	267.1	1.8	-0.5	542.2	83.0	10.3	-0.4	-16.9	-18.9	0.0
18:49:30	30 46.5	-87 44.1	-144.8	-7.4	145.0	5017	267.1	1.7	-0.7	547.7	83.2	10.8	-0.4	-40.6	-44.3	0.0
18:49:30	30 46.2	-87 44.6	-145.4	-7.3	145.6	5151	0.0	21.1	-18.1	82.7	88.4	50.0	37.2	-40.5	-44.2	23.6
18:49:30	30 46.2	-87 44.6	323.9	329.5	4897	5162	25.1	-8.4	-2.3	83.5	88.6	0.0	223.4	242.1	6.0	150.2
18:50:00	30 49.7	-87 47.0	-144.2	-5.0	144.3	1522	267.2	2.0	-0.5	542.3	83.2	10.3	-0.6	-16.9	-18.9	0.0
18:50:00	30 46.4	-87 46.8	-144.4	-6.7	144.6	4980*	267.1	1.9	-0.6	547.8	83.4	10.7	-0.5	-40.9	-44.6	0.0
18:50:00	30 46.1	-87 47.4	-145.0	-6.6	145.2	5150	0.0	20.8	-18.3	82.9	88.6	50.0	37.2	-40.9	-44.6	23.8
18:50:00	30 46.1	-87 47.3	323.7	329.4	4896	5159	28.4	-8.2	-2.2	83.8	88.8	0.0	223.6	241.1	6.7	150.3
18:50:30	30 49.6	-87 49.7	-144.2	-4.5	144.3	1522	267.2	1.9	-0.4	542.3	82.9	10.0	-0.7	-16.9	-18.9	0.0
18:50:30	30 46.3	-87 49.5	-144.4	-6.3	144.6	5053	267.2	1.7	-0.5	547.8	83.1	10.5	-0.7	-41.3	-45.1	0.0
18:50:30	30 46.0	-87 50.1	-145.0	-6.2	145.2	5151	0.0	21.2	-18.0	82.8	88.4	50.0	37.2	-41.0	-44.7	24.1
18:50:30	30 46.0	-87 50.0	323.5	329.2	4896	5159	23.9	-7.3	-1.8	83.5	88.5	0.0	223.3	238.3	6.6	150.0
18:51:00	30 49.5	-87 52.4	-144.5	-4.0	144.6	1522	267.6	1.9	-0.8	542.4	83.2	10.2	-0.6	-16.9	-18.9	0.0
18:51:00	30 46.2	-87 52.3	-144.7	-5.8	144.9	5056	267.9	1.7	-0.9	547.8	83.5	10.6	-0.6	-41.8	-45.5	0.0
18:51:00	30 45.9	-87 52.8	-145.3	-5.7	145.4	5151	0.0	19.7	-18.8	83.0	88.6	50.0	37.2	-41.1	-44.8	24.0
18:51:00	30 45.9	-87 52.8	323.6	329.3	4896	5157	26.0	-7.3	-1.8	83.8	88.8	0.0	223.7	242.4	6.3	150.3

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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
18:51:30	30 49.5	-87 55.2	-145.5	-4.3	145.6	1522	267.6	1.4	-0.6	542.2	82.6	10.3	-0.5	-16.9	-18.8	0.0
18:51:30	30 46.1	-87 55.0	-145.7	-6.1	145.8	5051	267.6	1.2	-0.8	547.5	82.8	10.7	-0.4	-42.1	-45.8	0.0
18:51:30	30 45.8	-87 55.5	-146.3	-6.1	146.4	5154	0.0	20.8	-18.1	82.4	88.0	50.0	37.2	-41.2	-44.9	23.6
18:51:30	30 45.8	-87 55.5	323.9	329.5	4899	5160	25.9	-7.5	-1.9	83.2	88.3	0.0	222.9	238.5	4.9	149.9
18:52:00	30 49.4	-87 57.9	-145.4	-5.5	145.5	1522	267.5	1.9	-1.0	542.2	84.0	10.4	-0.6	-16.9	-18.9	0.0
18:52:00	30 46.0	-87 57.7	-145.6	-7.3	145.8	5031	267.5	1.8	-1.1	547.7	84.3	10.8	-0.5	-42.6	-46.3	0.0

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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
18:56:30	30 47.5	-88 22.5	-143.3	-34.9	147.5	6493*	257.1	1.7	-0.6	542.3	82.4	10.5	-0.2	-16.9	-18.8	0.0
18:56:30	30 43.8	-88 22.3	-143.6	-36.8	148.3	4982	257.1	1.6	-0.7	547.7	82.6	10.9	-0.2	-42.9	-46.7	0.0
18:56:30	30 43.6	-88 22.9	-144.0	-36.8	148.6	5157	0.0	21.4	-17.8	82.2	87.8	50.0	37.3	-42.4	-46.2	23.2
18:56:30	30 43.6	-88 22.9	324.2	329.8	4897	5159	13.6	-8.2	-2.1	83.0	88.0	0.0	222.6	286.0	2.6	149.7
18:57:00	30 46.9	-88 25.2	-144.0	-34.3	148.1	6633*	257.6	1.8	1.2*	542.4	82.9	10.8	0.0	-16.9	-18.9	0.0
18:57:00	30 43.2	-88 25.0	-144.4	-36.3	148.9	4985*	258.0	1.7	1.0	547.9	83.1	11.3	0.0	-42.8	-46.6	0.0
18:57:00	30 43.0	-88 25.7	-144.7	-36.2	149.2	5154	0.0	20.3	-18.5	82.6	88.3	50.0	37.2	-42.2	-46.0	22.8
18:57:00	30 43.0	-88 25.6	324.4	330.1	4894	5157	14.8	-8.7	-2.4	83.4	88.5	0.0	223.3	293.5	2.7	150.2
18:57:30	30 46.4	-88 27.9	-144.7	-30.8	148.0	6028*	258.9	1.8	-0.5	542.5	81.8	10.5	-0.2	-16.9	-18.9	0.0
18:57:30	30 42.7	-88 27.7	-145.1	-32.7	148.7	5025	258.9	1.7	-0.6	547.9	82.0	10.9	-0.1	-42.8	-46.6	0.0
18:57:30	30 42.4	-88 28.4	-145.4	-32.6	149.0	5153	0.0	21.2	-17.7	81.6	87.2	50.0	37.4	-41.7	-45.5	23.1
18:57:30	30 42.4	-88 28.3	324.2	329.8	4894	5158	23.9	-8.2	-2.1	82.3	87.3	0.0	221.8	307.8	1.9	149.2
18:58:00	30 46.0	-88 30.6	-146.3	-22.9	148.1	6535*	261.9	0.6	-0.3	542.7	-0.3*	10.7	-32767.0*	-16.9	-18.9	0.0
18:58:00	30 42.2	-88 30.5	-146.6	-24.9	148.7	5019	261.9	0.5	-0.4	249.9*	1.0*	11.2	-32767.0*	-42.7	-46.5	0.0
18:58:00	30 42.0	-88 31.1	-146.9	-24.8	149.0	5153	0.0	13.5	-21.2	82.2*	87.4	50.0	-32767.0*	-40.5	-44.2	-32767.0
18:58:00	30 42.0	-88 31.1	-32767.0	-32767.0	-32767*	5157	28.7	-6.9	-1.8	82.7	87.7*	0.0	-32767.0*	-32767.0	-32767.0	-327
18:58:30	30 45.6	-88 33.4	-150.3	-21.9	151.9	7278*	262.4	0.6	-0.7	549.3	86.7	11.7	0.5	-16.9	-18.9	0.0
18:58:30	30 41.9	-88 33.3	-150.6	-23.8	152.5	4963	262.4	0.5	-0.8	554.8	87.0	12.1	0.5	-42.7	-46.4	0.0
18:58:30	30 41.6	-88 33.9	-150.9	-23.8	152.8	5056	0.0	19.0	-20.2	86.3	92.0	50.0	36.8	-41.6	-45.3	22.0
18:58:30	30 41.6	-88 33.9	323.8	329.4	4801	5058	26.9	-8.2	-2.2	87.3	92.4	0.0	228.2	319.5	1.3	152.7
18:59:00	30 45.3	-88 36.2	-152.4	-19.4	153.6	6980*	263.6	0.5	-0.4	554.4	89.1	12.6	1.2	-16.9	-18.9	0.0
18:59:00	30 41.5	-88 36.1	-152.6	-21.3	154.1	4872	264.0	0.4	-0.6	560.0	89.4	13.0	1.2	-42.5	-46.3	0.0
18:59:00	30 41.2	-88 36.8	-152.9	-21.2	154.4	4980	0.0	17.2	-21.8	88.8	94.5	50.0	36.6	-40.1	-43.8	20.9
18:59:00	30 41.2	-88 36.7	323.8	329.3	4729	4983	25.5	-6.8	-1.7	89.7	95.0	0.0	231.3	335.4	1.9	154.2
18:59:30	30 45.0	-88 39.1	-153.4	-18.7	154.5	6546*	264.0	0.5	-0.8	559.4	91.0	13.3	1.8	-16.9	-18.9	0.0
18:59:30	30 41.1	-88 39.0	-153.6	-20.6	155.0	4826	264.0	0.5	-1.0	565.2	91.2	13.8	1.8	-42.4	-46.2	0.0
18:59:30	30 40.9	-88 39.7	-153.9	-20.5	155.2	4907	0.0	16.7	-22.6	90.6	96.4	50.0	36.5	-40.3	-44.0	20.1
18:59:30	30 40.9	-88 39.6	323.6	329.1	4660	4911	25.4	-7.6	-2.0	91.5	96.9	0.0	233.6	335.1	2.2	155.2
19:00:00	30 44.7	-88 42.0	-150.9	-17.7	152.0	7091*	264.2	0.5	-0.8	564.8	88.5	13.8	2.7	-16.9	-18.9	0.0
19:00:00	30 40.8	-88 41.8	-151.2	-19.6	152.5	4713	264.2	0.4	-0.9	570.3	88.8	14.3	2.7	-42.3	-46.0	0.0
19:00:00	30 40.5	-88 42.5	-151.4	-19.6	152.6	4829	0.0	19.2	-20.7	88.0	93.9	50.0	36.9	-40.4	-44.1	18.8
19:00:00	30 40.5	-88 42.5	323.8	329.2	4591	4835	15.2	-8.0	-2.0	89.1	94.3	0.0	230.5	330.0	2.0	152.8
19:00:30	30 44.4	-88 44.8	-147.0	-15.2	147.7	6917*	264.6	0.2	-0.7	572.4	86.0	14.1	3.3	-16.9	-18.9	0.0
19:00:30	30 40.5	-88 44.6	-147.2	-17.2	148.2	4723	264.7	0.1	-0.8	577.8	86.3	14.5	3.3	-42.1	-45.9	0.0
19:00:30	30 40.2	-88 45.3	-147.4	-17.1	148.4	4725	0.0	19.7	-19.7	85.6	91.4	50.0	37.4	-41.0	-44.7	18.0
19:00:30	30 40.2	-88 45.3	323.4	328.7	4493	4729	25.6	-8.7	-2.3	86.6	91.6	0.0	227.3	281.7	2.2	149.9
19:01:00	30 44.2	-88 47.5	-143.6	-18.2	144.7	6478*	263.9	0.2	-1.9	580.9	86.1	14.4	3.8	-16.9	-18.9	0.0
19:01:00	30 40.2	-88 47.4	-143.9	-20.1	145.3	4588	264.2	0.1	-2.0	586.4	86.4	14.9	3.8	-42.0	-45.7	0.0
19:01:00	30 40.0	-88 48.1	-144.0	-20.0	145.4	4611	0.0	20.2	-19.5	85.7	91.6	50.0	37.6	-39.0	-42.6	17.4
19:01:00	30 40.0	-88 48.0	322.6	327.8	4382	4612	24.3	-9.0	-2.4	86.7	91.7	0.0	227.5	288.5	4.7	149.1

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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
19:01:30	30 43.9	-88 50.2	-140.6	-17.9	141.7	6691*	263.9	0.2	-1.2	588.8	84.0	14.6	4.3	-16.9	-18.9	0.0
19:01:30	30 39.9	-88 50.0	-140.9	-19.8	142.3	4468	263.9	0.1	-1.3	594.1	84.2	15.0	4.3	-41.7	-45.4	0.0
19:01:30	30 39.6	-88 50.7	-141.0	-19.7	142.4	4498	0.0	20.0	-19.0	83.7	89.5	50.0	38.0	-38.1	-41.7	16.8
19:01:30	30 39.6	-88 50.7	321.9	327.1	4281	4503	17.6	-7.9	-2.1	84.6	89.5	0.0	224.7	288.1	5.2	146.5
19:02:00	30 43.6	-88 52.8	-138.7	-16.5	139.6	6037*	263.7	-0.3	-0.9	598.1	84.5	14.7	4.5	-16.9	-18.9	0.0
19:02:00	30 39.6	-88 52.7	-139.0	-18.4	140.2	4361	263.7	-0.4	-1.0	603.5	84.8	15.1	4.5	-41.5	-45.3	0.0
19:02:00	30 39.3	-88 53.4	-139.0	-18.3	140.2	4375	0.0	21.4	-18.6	84.3	90.3	50.0	38.1	-37.3	-40.8	16.5
19:02:00	30 39.3	-88 53.3	320.7	325.8	4162	4378	12.2	-8.7	-2.3	85.2	90.1	0.0	225.4	267.9	6.2	146.0
19:02:30	30 43.3	-88 55.3	-133.9	-15.3	134.7	6301*	263.8	0.0	-1.1	609.0	80.3	14.4	4.8	-16.9	-18.9	0.0
19:02:30	30 39.3	-88 55.2	-134.2	-17.2	135.3	4202	263.8	-0.1	-1.2	614.2	80.6	14.8	4.8	-41.3	-45.0	0.0
19:02:30	30 39.0	-88 55.9	-134.2	-17.1	135.2	4229	0.0	24.2	-16.1	80.1	86.0	50.0	38.8	-36.0	-39.4	16.2
19:02:30	30 39.0	-88 55.9	319.5	324.5	4028	4234	13.3	-9.7	-2.7	81.0	85.6	0.0	219.9	261.2	6.5	141.4
19:03:00	30 43.1	-88 57.8	-130.5	-10.4	131.0	6791*	265.1	0.1	-0.9	620.6	77.9	14.9	5.7	-16.9	-18.9	0.0
19:03:00	30 39.1	-88 57.7	-130.8	-12.3	131.4	4041	265.5	-0.1	-1.1	625.7	78.1	15.2	5.7	-41.2	-44.9	0.0
19:03:00	30 38.8	-88 58.4	-130.8	-12.2	131.4	4071	0.0	26.2	-14.6	77.9	83.7	50.0	39.3	-34.9	-38.3	15.2
19:03:00	30 38.8	-88 58.4	318.9	323.7	3885	4081	25.7	-8.7	-2.3	78.5	83.2	0.0	216.6	252.7	7.3	138.3
19:03:30	30 43.0	-89 0.2	-127.8	-9.5	128.1	6195*	265.1	0.5	-1.0	632.6	73.6	14.4	5.8	-16.9	-18.9	0.0
19:03:30	30 38.9	-89 0.1	-128.1	-11.4	128.6	3897	265.1	0.4	-1.1	637.5	73.9	14.7	5.8	-38.5	-42.1	0.0
19:03:30	30 38.6	-89 0.8	-128.0	-11.3	128.5	3920	0.0	28.7	-12.2	73.9	79.5	50.0	40.0	-30.9	-34.0	15.1
19:03:30	30 38.6	-89 0.8	317.2	322.0	3741	3926	28.2	-7.3	-1.8	74.3	78.8	0.0	210.7	242.9	5.5	133.4
19:04:00	30 42.8	-89 2.6	-127.6	-10.5	128.0	6509*	264.8	2.5	-0.5	638.8	72.5	14.7	6.3	-16.9	-18.9	0.0
19:04:00	30 38.7	-89 2.5	-127.9	-12.4	128.5	3782	264.8	2.4	-0.6	643.7	72.8	15.0	6.4	-31.7	-34.9	0.0
19:04:00	30 38.4	-89 3.2	-127.8	-12.3	128.4	3850	0.0	27.2	-12.6	73.2	78.6	50.0	40.3	-30.3	-33.3	14.5
19:04:00	30 38.4	-89 3.2	317.0	321.7	3667	3846	24.1	-6.9	-1.7	73.1	77.7	0.0	209.2	241.2	4.3	131.9
19:04:30	30 42.6	-89 5.0	-125.5	-11.6	126.0	6539*	264.4	0.9	-2.9	646.3	71.9	15.1	6.8	-16.9	-18.8	0.0
19:04:30	30 38.5	-89 4.9	-125.8	-13.5	126.5	3716	264.4	0.8	-3.0	651.1	72.1	15.4	6.9	-32.7	-36.0	0.0
19:04:30	30 38.2	-89 5.6	-125.6	-13.5	126.4	3756	0.0	28.8	-11.6	72.3	77.9	50.0	40.4	-29.9	-33.0	14.1
19:04:30	30 38.2	-89 5.6	316.5	321.1	3578	3754	10.6	-8.1	-2.2	72.4	76.9	0.0	208.3	248.8	4.8	130.7
19:05:00	30 42.4	-89 7.3	-124.2	-15.5	125.2	6798*	263.5	0.9	-1.9	655.8	69.2	14.7	6.8	-16.9	-18.9	0.0
19:05:00	30 38.2	-89 7.3	-124.6	-17.4	125.8	3567	263.9	0.8	-2.0	660.5	69.5	15.0	6.9	-30.6	-33.7	0.0
19:05:00	30 38.0	-89 7.9	-124.4	-17.3	125.6	3626	0.0	29.7	-10.4	69.8	75.2	50.0	40.9	-20.9	-23.3	14.0
19:05:00	30 38.0	-89 7.9	315.2	319.8	3466	3635	30.5	-7.9	-2.0	69.9	74.2	0.0	204.5	282.1	2.3	127.5
19:05:30	30 42.1	-89 9.7	-124.5	-18.4	125.9	7002*	262.7	0.5	-1.3	667.1	72.8	15.1	7.0	-16.9	-18.9	0.0
19:05:30	30 37.9	-89 9.6	-124.8	-20.3	126.5	3464	262.8	0.4	-1.5	671.8	73.0	15.4	7.1	-17.8	-19.8	0.0
19:05:30	30 37.7	-89 10.3	-124.6	-20.3	126.3	3489	0.0	28.6	-12.1	73.1	78.8	50.0	40.6	-14.7	-16.4	13.9
19:05:30	30 37.7	-89 10.2	313.9	318.3	3335	3495	27.7	-9.1	-2.5	73.4	77.9	0.0	209.5	286.8	4.0	129.6
19:06:00	30 41.8	-89 12.0	-124.4	-19.2	125.9	6149*	262.4	0.5	-1.2	678.2	74.8	16.5	8.3	-16.9	-18.9	0.0
19:06:00	30 37.6	-89 11.9	-124.7	-21.0	126.5	3331	262.4	0.4	-1.3	683.0	75.0	16.8	8.4	-16.9	-18.9	0.0
19:06:00	30 37.3	-89 12.6	-124.5	-21.0	126.3	3355	0.0	27.4	-13.3	75.1	80.9	50.0	40.5	-15.2	-17.0	12.7
19:06:00	30 37.3	-89 12.6	313.9	318.2	3205	3359	25.7	-9.1	-2.5	75.4	79.9	0.0	212.3	281.4	4.9	130.6

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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
19:06:30	30 41.5	-89 14.3	-123.4	-20.3	125.0	6567*	261.6	0.5	-1.5	688.3	75.8	17.6	9.4	-16.9	-18.9	0.0
19:06:30	30 37.2	-89 14.3	-123.7	-22.1	125.7	3188	261.6	0.4	-1.6	693.1	76.0	17.9	9.4	-15.6	-17.4	0.0
19:06:30	30 37.0	-89 14.9	-123.5	-22.1	125.4	3230	0.0	26.4	-14.1	76.3	82.0	50.0	40.5	-15.1	-16.9	11.8
19:06:30	30 37.0	-89 14.9	313.7	318.1	3090	3237	25.8	-9.1	-2.5	76.4	80.9	0.0	213.7	274.1	5.7	130.7
19:07:00	30 41.2	-89 16.7	-123.1	-20.1	124.7	6530*	261.3	0.5	-0.9	699.7	74.5	18.0	10.0	-16.9	-18.9	0.0
19:07:00	30 36.9	-89 16.6	-123.4	-21.9	125.3	3057	261.7	0.4	-1.0	704.4	74.8	18.3	10.1	-11.9	-13.3	0.0
19:07:00	30 36.6	-89 17.2	-123.1	-21.9	125.0	3096	0.0	27.4	-13.2	75.0	80.8	50.0	40.8	-11.2	-12.6	11.3
19:07:00	30 36.6	-89 17.2	313.0	317.2	2963	3103	26.1	-9.3	-2.5	75.2	79.6	0.0	212.0	264.9	4.0	128.8
19:07:30	30 40.9	-89 19.0	-123.0	-19.6	124.5	6534*	261.2	0.5	-0.9	710.9	75.4	19.0	11.0	-16.9	-18.9	0.0
19:07:30	30 36.5	-89 18.9	-123.3	-21.4	125.2	2928	261.3	0.5	-1.0	715.7	75.7	19.3	11.0	-11.1	-12.4	0.0
19:07:30	30 36.3	-89 19.5	-123.0	-21.4	124.8	2962	0.0	26.7	-13.8	76.0	81.7	50.0	40.8	-9.6	-10.8	10.6
19:07:30	30 36.3	-89 19.5	312.6	316.8	2838	2971	33.3	-8.7	-2.3	76.1	80.5	0.0	213.2	258.0	4.1	128.8
19:08:00	30 40.6	-89 21.3	-123.3	-17.8	124.6	6598*	261.5	0.1	-1.0	722.9	77.6	19.9	11.7	-16.9	-18.9	0.0
19:08:00	30 36.2	-89 21.2	-123.7	-19.5	125.2	2760	261.4	0.0	-1.1	727.7	77.8	20.1	11.8	-9.7	-11.0	0.0
19:08:00	30 35.9	-89 21.9	-123.3	-19.5	124.9	2823	0.0	25.9	-14.9	78.0	84.0	50.0	40.7	-8.3	-9.4	10.1
19:08:00	30 35.9	-89 21.8	312.0	316.1	2706	2832	31.3	-9.1	-2.5	78.3	82.8	0.0	216.2	243.5	5.2	129.7
19:08:30	30 40.3	-89 23.6	-124.3	-14.9	125.2	6509*	262.3	0.1	-0.6	735.5	77.5	20.1	12.1	-16.9	-18.9	0.0
19:08:30	30 35.9	-89 23.5	-124.7	-16.7	125.8	2633	262.3	-0.0	-0.7	740.4	77.8	20.4	12.1	-9.2	-10.4	0.0
19:08:30	30 35.6	-89 24.2	-124.3	-16.6	125.4	2685	0.0	25.2	-15.2	78.1	84.0	50.0	40.9	-7.5	-8.5	9.8
19:08:30	30 35.6	-89 24.1	310.8	314.9	2569	2687	27.6	-7.8	-2.0	78.2	82.8	0.0	216.1	224.2	4.2	128.7
19:09:00	30 40.1	-89 25.9	-126.7	-16.1	127.7	5937*	262.6	-0.4	-1.3	750.2	80.2	19.3	11.2	-16.9	-18.9	0.0
19:09:00	30 35.6	-89 25.9	-127.1	-17.8	128.3	2473	263.0	-0.6	-1.4	755.1	80.5	19.5	11.2	-2.8	-3.2	0.0
19:09:00	30 35.4	-89 26.5	-126.6	-17.8	127.9	2521	0.0	25.5	-15.9	80.7	86.8	50.0	40.8	-1.8	-2.0	10.4
19:09:00	30 35.4	-89 26.5	308.1	312.0	2412	2523	29.2	-9.1	-2.4	80.9	85.6	0.0	219.8	226.9	1.7	129.4
19:09:30	30 39.8	-89 28.3	-128.9	-16.2	129.9	7209*	262.6	-0.9	-1.1*	765.9	81.6	17.9	9.9	-16.9	-18.9	0.0
19:09:30	30 35.4	-89 28.3	-129.3	-17.9	130.5	2342	262.6	-1.0	-1.3*	770.8	81.9	18.1	9.9	7.2	7.2	0.0
19:09:30	30 35.1	-89 28.9	-128.8	-17.9	130.1	2351	0.0	24.3	-17.0	81.9	88.3	50.0	40.8	9.1	9.1	11.4
19:09:30	30 35.1	-89 28.9	304.9	308.7	2247	2353	27.7	-11.7	-3.3	82.3	87.0	0.0	221.6	136.8	2.3	128.8
19:10:00	30 39.5	-89 30.8	-129.6	-15.1	130.5	7041*	263.4	-1.1	-1.1	784.8	83.6	19.0	11.0	-16.9	-18.9	0.0
19:10:00	30 35.1	-89 30.7	-130.0	-16.7	131.0	2107	263.4	-1.2	-1.1	789.9	83.9	19.2	10.9	9.0	9.0	0.0
19:10:00	30 34.8	-89 31.3	-129.5	-16.7	130.6	2146	0.0	23.9	-17.9	84.2	90.6	50.0	40.8	11.4	11.4	10.6
19:10:00	30 34.8	-89 31.3	303.9	307.6	2051	2149	29.3	-8.3	-2.2	84.3	89.1	0.0	224.2	101.1	1.8	129.1
19:10:30	30 39.3	-89 33.2	-129.4	-14.1	130.2	6929*	264.1	-0.3	-0.7*	802.9	86.3	20.4	12.3	-16.9	-18.9	0.0
19:10:30	30 34.8	-89 33.2	-129.8	-15.7	130.7	1900	264.1	-0.4	-0.8*	808.6	86.5	20.6	12.2	10.7	10.7	0.0
19:10:30	30 34.5	-89 33.8	-129.2	-15.7	130.2	1951	0.0	30.1	-16.1	87.5	93.8	50.0	40.7	13.3	13.3	9.7
19:10:30	30 34.5	-89 33.7	303.3	306.9	1863	1953	23.7	-1.1	0.3	87.1	92.6*	0.0	227.7	12.7	1.6	129.9
19:11:00	30 39.1	-89 35.6	-128.0	-13.8	128.8	6513*	264.3	-1.3	-1.4	820.2	83.3	21.6	13.8	-16.9	-18.9	0.0
19:11:00	30 34.6	-89 35.6	-128.3	-15.4	129.3	1749	264.7	-1.4	-1.5	825.2	83.6	21.8	13.8	10.4	10.4	0.0
19:11:00	30 34.3	-89 36.2	-127.8	-15.3	128.7	1772	0.0	24.3	-17.6	84.0	90.4	50.0	41.2	12.7	12.7	8.8
19:11:00	30 34.3	-89 36.1	303.2	306.7	1698	1781	33.4	-7.7	-1.9	84.0	88.9	0.0	223.8	70.1	2.3	126.8

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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
19:11:30	30 38.8	-89 38.0	-130.9	-15.0	131.7	6104*	264.0	-1.6	-0.3	844.1	89.4	23.1	15.0	-16.9	-18.9	0.0
19:11:30	30 34.3	-89 38.0	-131.2	-16.5	132.3	1502	264.0	-1.7	-0.5	849.5	89.6	23.2	14.9	13.6	13.6	0.0
19:11:30	30 34.0	-89 38.6	-130.7	-16.5	131.7	1532	0.0	20.3	-21.8	90.5	97.0	50.0	40.9	17.1	17.1	8.1
19:11:30	30 34.0	-89 38.5	301.9	305.3	1462	1537	33.0	-3.1	-0.5	90.1	95.3	0.0	231.6	52.0	2.9	129.6
19:12:00	30 38.6	-89 40.5	-130.1	-16.2	131.1	6651*	264.0	-1.3	-1.0	864.8	89.2	24.8	16.8	-16.9	-18.9	0.0
19:12:00	30 34.0	-89 40.5	-130.5	-17.7	131.6	1315	264.0	-1.4	-1.1	870.1	89.5	25.0	16.8	13.8	13.

A/C 43, Flgt 060831I, Micro99 date 2006/08/31, Proj acdata Run on Sat Sep 2 17:51:49 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:16:30	30 32.5	-89 59.2	-114.8	-43.5	122.8	6852*	250.4	0.2	0.1*	924.7	84.1	29.2	22.0	-16.9	-18.9	0.0
19:16:30	30 27.7	-89 59.2	-115.3	-44.7	123.6	749	250.4	0.1	-0.1*	929.6	84.3	29.4	22.1	15.5	15.5	0.0
19:16:30	30 27.4	-89 59.7	-114.6	-44.7	123.0	761	0.0	16.4	-21.8	85.7	91.6	50.0	42.1	17.8	17.8	5.2
19:16:30	30 27.4	-89 59.6	301.4	304.6	721	763	32.6	-3.0	-0.6	84.7	89.5	0.0	224.8	358.2	2.9	121.9
19:17:00	30 31.8	-90 1.4	-119.4	-37.6	125.1	6907*	253.8	0.2	-0.6	936.4	86.1	30.2	22.9	-16.9	-18.9	0.0
19:17:00	30 27.0	-90 1.4	-119.8	-38.7	125.9	641	254.2	0.1	-0.7	941.4	86.4	30.4	22.9	15.8	15.8	0.0
19:17:00	30 26.7	-90 1.9	-119.1	-38.8	125.2	648	0.0	20.7	-20.6	87.6	93.9	50.0	42.0	17.9	17.9	4.9
19:17:00	30 26.7	-90 1.8	301.3	304.3	616	653	27.7	-4.1	-0.6	86.8	91.9	0.0	227.5	23.2	3.8	122.8
19:17:30	30 31.2	-90 3.6	-115.1	-36.1	120.6	6793*	253.9	1.3	-1.1	944.6	81.1	30.7	23.9	-16.9	-18.9	0.0
19:17:30	30 26.4	-90 3.6	-115.5	-37.2	121.3	571	254.0	1.2	-1.3	949.3	81.4	30.9	23.9	15.4	15.4	0.0
19:17:30	30 26.1	-90 4.1	-114.7	-37.4	120.6	570	0.0	25.3	-16.9	82.0	88.7	50.0	42.5	17.7	17.7	4.6
19:17:30	30 26.1	-90 4.0	301.5	304.5	547	577	32.4	-13.2	-3.7	81.8	86.6	0.0	220.9	33.5	2.1	119.0
19:18:00	30 30.6	-90 5.7	-111.5	-35.1	116.9	6096*	254.5	2.1	-0.5	954.0	72.1	30.8	24.7	-16.9	-18.8	0.0
19:18:00	30 25.8	-90 5.8	-111.9	-36.2	117.6	488	254.5	2.0	-0.6	958.7	72.3	31.0	24.8	15.7	15.7	0.0
19:18:00	30 25.5	-90 6.2	-111.1	-36.4	116.9	484	0.0	34.2	-9.9	73.6	79.6	50.0	43.3	17.8	17.8	4.4
19:18:00	30 25.5	-90 6.2	301.5	304.5	464	489	32.1	-8.7	-2.2	72.8	78.0	0.0	208.6	41.3	5.9	111.9
19:18:30	30 30.1	-90 7.8	-111.3	-34.8	116.6	6741*	254.9	2.7	-1.3	954.8	74.9	30.9	24.6	-16.9	-18.9	0.0
19:18:30	30 25.2	-90 7.9	-111.7	-35.9	117.3	483	254.9	2.6	-1.4	959.2	75.2	31.2	24.7	16.1	16.1	0.0
19:18:30	30 24.9	-90 8.3	-110.9	-36.0	116.6	482	0.0	28.5	-13.4	76.1	82.4	50.0	43.1	18.1	18.1	4.4
19:18:30	30 24.9	-90 8.2	301.3	304.4	460	486	34.2	-11.9	-3.4	75.6	80.0	0.0	212.6	20.9	4.2	114.0
19:19:00	30 29.5	-90 9.9	-108.9	-33.1	113.8	6364*	255.0	2.6	-1.1	954.4	72.6	30.5	24.4	-16.9	-18.9	0.0
19:19:00	30 24.7	-90 9.9	-109.3	-34.1	114.5	490	255.4	2.5	-1.2	958.8	72.8	30.8	24.5	16.1	16.1	0.0
19:19:00	30 24.3	-90 10.3	-108.5	-34.3	113.8	485	0.0	29.6	-12.1	73.9	79.9	50.0	43.3	18.3	18.3	4.5
19:19:00	30 24.3	-90 10.3	301.2	304.2	464	490	30.8	-10.9	-3.2	73.3	78.3	0.0	209.3	13.3	3.1	112.3
19:19:30	30 29.0	-90 11.9	-107.3	-34.6	112.7	6375*	253.7	3.0	-3.5	954.5	69.7	30.3	24.4	-16.9	-18.9	0.0
19:19:30	30 24.1	-90 12.0	-107.7	-35.6	113.4	486	253.7	2.9	-3.7	958.8	70.0	30.6	24.5	15.8	15.8	0.0
19:19:30	30 23.8	-90 12.3	-107.0	-35.7	112.8	483	0.0	28.8	-11.5	71.7	77.0	50.0	43.5	17.8	17.8	4.5
19:19:30	30 23.8	-90 12.3	301.1	304.2	463	489	30.5	-2.6	-0.3	70.4	74.8	0.0	205.2	19.5	4.4	110.1
19:20:00	30 28.4	-90 13.9	-105.7	-37.0	112.0	7200*	252.3	2.9	-0.5	954.3	69.0	30.2	24.3	-16.9	-18.9	0.0
19:20:00	30 23.5	-90 14.0	-106.1	-38.0	112.7	493	252.3	2.8	-0.6	958.5	69.2	30.4	24.5	16.5	16.5	0.0
19:20:00	30 23.2	-90 14.3	-105.3	-38.2	112.0	478	0.0	31.8	-9.7	70.3	76.2	50.0	43.6	18.1	18.1	4.5
19:20:00	30 23.2	-90 14.3	301.1	304.1	466	492	32.5	-10.4	-3.0	69.6	74.1	0.0	204.1	32.8	3.1	109.5
19:20:30	30 27.8	-90 15.8	-104.2	-37.5	110.8	7200*	252.1	3.2	-0.9	954.5	68.3	30.2	24.4	-16.9	-18.9	0.0
19:20:30	30 22.9	-90 15.9	-104.7	-38.4	111.5	492	252.1	3.1	-1.0	958.6	68.5	30.5	24.6	15.5	15.5	0.0
19:20:30	30 22.5	-90 16.3	-103.9	-38.6	110.8	480	0.0	30.2	-10.3	69.8	75.4	50.0	43.7	17.5	17.5	4.5
19:20:30	30 22.5	-90 16.3	301.2	304.2	465	491	30.6	-7.9	-2.0	69.0	73.2	0.0	203.1	12.4	3.4	109.0
19:21:00	30 27.2	-90 17.8	-104.6	-37.7	111.2	6533*	252.7	2.1	-2.3*	954.0	67.3	30.2	24.5	-16.9	-18.9	0.0
19:21:00	30 22.2	-90 17.9	-105.0	-38.6	111.9	498	253.1	2.0	-2.5*	958.1	67.6	30.4	24.6	16.5	16.5	0.0
19:21:00	30 21.9	-90 18.2	-104.3	-38.8	111.3	485	0.0	33.2	-8.2	68.3	74.4	50.0	43.7	18.5	18.5	4.5
19:21:00	30 21.9	-90 18.2	301.3	304.3	470	496	32.1	-15.1	-4.7	67.9	72.7	0.0	201.8	25.1	4.2	108.3

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:21:30	30 26.5	-90 19.8	-106.0	-38.3	112.7	6841*	252.3	3.6*	1.0*	955.1	70.8	30.4	24.4	-16.9	-18.8	0.0
19:21:30	30 21.6	-90 19.9	-106.4	-39.1	113.4	483	252.4	3.5*	0.9*	959.7	71.0	30.6	24.5	16.3	16.3	0.0
19:21:30	30 21.3	-90 20.2	-105.7	-39.3	112.7	469	0.0	36.5	-8.1	71.9	78.4	50.0	43.5	18.2	18.2	4.5
19:21:30	30 21.3	-90 20.2	301.1	304.1	456	482	31.7	-15.1	-4.5	71.4	76.2	0.0	206.8	24.2	2.7	110.9
19:22:00	30 26.0	-90 21.8	-106.6	-33.1	111.6	7243*	254.5	3.0	-0.9	954.7	69.8	30.2	24.3	-16.9	-18.8	0.0
19:22:00	30 21.0	-90 21.9	-107.0	-33.9	112.3	493	254.6	2.9	-1.0	958.8	70.1	30.5	24.4	15.7	15.7	0.0
19:22:00	30 20.7	-90 22.2	-106.3	-34.1	111.6	486	0.0	28.9	-11.5	71.2	77.0	50.0	43.5	17.8	17.8	4.5
19:22:00	30 20.7	-90 22.2	301.1	304.1	463	490	30.9	-10.3	-2.9	70.5	74.7	0.0	205.4	15.5	2.8	110.1
19:22:30	30 25.4	-90 23.8	-105.4	-33.6	110.6	6544*	254.7	3.2	-1.1	954.7	66.9	30.0	24.3	-16.9	-18.9	0.0
19:22:30	30 20.5	-90 23.9	-105.8	-34.4	111.3	492	254.7	3.1	-1.1	958.8	67.1	30.3	24.5	15.7	15.7	0.0
19:22:30	30 20.1	-90 24.2	-105.0	-34.6	110.6	490	0.0	30.7	-9.6	68.2	74.0	50.0	43.8	17.7	17.7	4.5
19:22:30	30 20.2	-90 24.1	301.1	304.1	463	490	28.5	-10.6	-3.0	67.6	71.6	0.0	201.1	22.4	4.4	107.9
19:23:00	30 24.9	-90 25.7	-107.7	-29.3	111.6	6425*	256.1	2.3	-0.1	954.2	71.9	30.3	24.2	-16.9	-18.9	0.0
19:23:00	30 20.0	-90 25.9	-108.1	-30.0	112.2	495	256.5	2.1	-0.3	958.4	72.2	30.5	24.3	16.0	16.0	0.0
19:23:00	30 19.6	-90 26.2	-107.4	-30.2	111.6	488	0.0	26.7	-13.2	73.3	79.2	50.0	43.3	18.1	18.1	4.5
19:23:00	30 19.6	-90 26.1	301.0	304.0	467	495	36.7	-9.9	-2.7	72.7	76.8	0.0	208.4	338.8	1.5	111.8
19:23:30	30 24.5	-90 27.8	-109.2	-29.9	113.2	5719*	257.0	2.6	-1.7	954.7	71.0	30.2	24.2	-16.9	-18.9	0.0
19:23:30	30 19.5	-90 27.9	-109.6	-30.6	113.8	490	257.1	2.5	-1.8	958.8	71.3	30.5	24.4	15.6	15.6	0.0
19:23:30	30 19.1	-90 28.2	-108.9	-30.7	113.2	486	0.0	25.3	-13.6	72.3	78.2	50.0	43.4	17.5	17.5	4.5
19:23:30	30 19.2	-90 28.1	301.0	304.0	464	491	29.2	-11.6	-3.3	71.7	75.7	0.0	207.1	19.2	3.9	111.1
19:24:00	30 24.0	-90 29.8	-111.2	-29.8	115.1	7135*	255.7	1.8	-0.7	953.6	75.7	30.5	24.1	-16.9	-18.9	0.0
19:24:00	30 19.0	-90 30.0	-111.6	-30.5	115.7	497	255.7	1.7	-0.9	958.0	75.9	30.8	24.2	16.0	16.0	0.0
19:24:00	30 18.6	-90 30.2	-110.9	-30.5	115.0	484	0.0	27.4	-14.0	77.0	83.0	50.0	43.0	18.2	18.2	4.5
19:24:00	30 18.7	-90 30.2	300.9	304.0	470	499	29.3	-8.0	-2.0	76.4	80.6	0.0	213.6	19.7	1.0	114.6
19:24:30	30 23.5	-90 31.9	-114.8	-30.4	118.7	6554*	256.9	1.6	2.5*	954.1	79.7	30.9	24.2	-16.9	-18.9	0.0
19:24:30	30 18.5	-90 32.1	-115.2	-31.0	119.3	494	256.9	1.5	2.4*	958.4	80.0	31.2	24.3	15.9	15.9	0.0
19:24:30	30 18.1	-90 32.3	-114.5	-31.2	118.7	488	0.0	22.1	-17.8	80.3	87.0	50.0	42.7	18.1	18.1	4.5
19:24:30	30 18.1	-90 32.3	301.0	304.1	467	496	29.1	-16.7	-5.2	80.2	85.1	0.0	219.1	31.1	1.8	117.5
19:25:00	30 23.1	-90 34.1	-113.2	-23.8	115.7	7096*	259.8	2.6	-0.8	954.4	74.6	30.6	24.3	-16.9	-18.9	0.0
19:25:00	30 18.0	-90 34.2	-113.6	-24.4	116.2	495	260.1	2.5	-0.9	958.6	74.8	30.8	24.4	15.4	15.4	0.0
19:25:00	30 17.7	-90 34.5	-112.9	-24.5	115.5	490	0.0	25.0	-14.8	75.9	82.0	50.0	43.1	17.8	17.8	4.5
19:25:00	30 17.7	-90 34.4	301.1	304.1	465	493	32.1	-9.7	-2.6	75.3	79.7	0.0	212.1	28.3	3.1	113.7
19:25:30	30 22.7	-90 36.2	-113.5	-25.0	116.2	7130*	258.8*	1.4*	-6.2	954.1	76.7	31.3	24.8	-16.9	-18.9	0.0
19:25:30	30 17.6	-90 36.4	-113.9	-25.5	116.7	498	258.8*	1.3*	-6.3	958.3	76.9	31.6	24.9	15.2	15.2	0.0
19:25:30	30 17.3	-90 36.6	-113.2	-25.5	116.1	492	0.0	30.5	-13.1	77.6	84.4	50.0	42.9	17.5	17.5	4.4
19:25:30	30 17.3	-90 36.6	301.6	304.7	468	497	31.4	-16.8	-5.1	77.3	82.2	0.0	215.0	30.7	1.3	115.4
19:26:00	30 22.2	-90 38.3	-110.7	-37.0	116.7	6638*	253.1	1.3	-2.5	953.9	77.0	31.1	24.7	-16.9	-18.8	0.0
19:26:00	30 17.1	-90 38.5	-111.1	-37.6	117.3	497	253.1	1.2	-2.6	958.1	77.2	31.4	24.7	15.9	15.9	0.0
19:26:00	30 16.8	-90 38.7	-110.5	-37.6	116.7	492	0.0	21.3	-17.3	78.3	84.4	50.0	42.9	18.0	18.0	4.4
19:26:00	30 16.8	-90 38.6	301.5	304.5	470	499	35.9	-8.8	-2.3	77.6	81.7	0.0	215.4	6.2	2.9	115.6

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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
19:26:30	30 21.5	-90 40.4	-111.8	-39.7	118.6	6932*	251.6	1.4	-0.6*	954.0	78.7	31.0	24.4	-16.9	-18.8	0.0
19:26:30	30 16.5	-90 40.5	-112.2	-40.2	119.2	495	251.6	1.3	-0.7*	958.5	79.0	31.3	24.5	15.7	15.7	0.0
19:26:30	30 16.1	-90 40.8	-111.6	-40.2	118.6	490	0.0	25.3	-16.2	80.0	86.3	50.0	42.7	17.9	17.9	4.5
19:26:30	30 16.1	-90 40.7	301.2	304.2	466	496	30.1	-10.3	-3.1	79.5	83.6	0.0	217.8	33.0	2.3	116.8
19:27:00	30 20.9	-90 42.5	-109.3	-38.4	115.9	6288*	252.6	2.8	-1.4	954.6	76.0	30.6	24.2	-16.9	-18.9	0.0
19:27:00	30 15.8	-90 42.6	-109.7	-38.9	116.4	491	253.0	2.7	-1.5	958.9	76.3	30.9	24.3	15.5	15.5	0.0
19:27:00	30 15.5	-90 42.8	-109.1	-39.0	115.9	483	0.0	27.3	-14.3	77.4	83.6	50.0	43.0	17.6	17.6	4.5
19:27:00	30 15.5	-90 42.8	301.0	304.0	463	492	31.4	-10.0	-2.7	76.8	81.1	0.0	214.1	0.5	3.3	114.8
19:27:30	30 20.3	-90 44.5	-107.1	-37.1	113.3	7310*	252.7	2.6	-1.6*	954.5	72.5	30.3	24.2	-16.9	-18.9	0.0
19:27:30	30 15.2	-90 44.6	-107.5	-37.5	113.9	492	252.8	2.5	-1.7*	958.6	72.8	30.6	24.3	16.0	16.0	0.0
19:27:30	30 14.9	-90 44.8	-106.9	-37.6	113.3	491	0.0	28.6	-12.6	73.9	79.9	50.0	43.3	18.0	18.0	4.5
19:27:30	30 14.9	-90 44.8	300.9	304.0	465	493	26.4	-9.5	-2.6	73.2	77.4	0.0	209.2	4.3	3.0	112.2
19:28:00	30 19.7	-90 46.5	-108.1	-37.1	114.3	6655*	252.9	2.8	-1.1	955.2	74.6	30.7	24.5	-16.9	-18.8	0.0
19:28:00	30 14.6	-90 46.7	-108.5	-37.5	114.8	485	252.9	2.7	-1.2	959.4	74.9	31.0	24.6	15.0	15.0	0.0
19:28:00	30 14.3	-90 46.9	-107.9	-37.6	114.3	488	0.0	27.6	-13.7	75.6	82.1	50.0	43.1	17.1	17.1	4.5
19:28:00	30 14.3	-90 46.8	301.2	304.2	459	488	30.1	-14.6	-4.3	75.3	78.7	0.0	212.1	356.6	2.0	113.8
19:28:30	30 19.1	-90 48.5	-108.2	-37.0	114.3	7459*	253.1	2.3	-1.0	954.5	74.2	30.5	24.3	-16.9	-18.9	0.0
19:28:30	30 14.0	-90 48.7	-108.6	-37.4	114.9	493	253.1	2.2	-1.1	958.6	74.5	30.8	24.4	15.2	15.2	0.0
19:28:30	30 13.7	-90 48.9	-108.0	-37.6	114.4	497	0.0	25.6	-14.5	75.5	81.6	50.0	43.1	17.3	17.3	4.5
19:28:30	30 13.7	-90 48.8	301.0	304.1	465	495	30.2	-9.9	-3.0	74.9	79.1	0.0	211.6	358.4	3.1	113.5
19:29:00	30 18.5	-90 50.5	-107.3	-36.7	113.4	7120*	253.0	2.2	-1.4*	953.9	72.7	30.2	24.1	-16.9	-18.9	0.0
19:29:00	30 13.4	-90 50.7	-107.7	-37.1	113.9	495	253.3	2.1	-1.5*	958.2	73.0	30.5	24.2	15.1	15.1	0.0
19:29:00	30 13.1	-90 50.9	-107.1	-37.1	113.4	500	0.0	30.1	-12.0	74.5	80.2	50.0	43.3	17.7	17.7	4.6
19:29:00	30 13.1	-90 50.8	300.9	303.9	469	497	31.3	-3.6	-0.6	73.5	77.5	0.0	209.5	357.2	4.0	112.4
19:29:30	30 17.9	-90 52.5	-105.7	-36.6	111.9	6268*	252.1	2.7	-0.1	954.1	68.8	30.1	24.3	-16.9	-18.8	0.0
19:29:30	30 12.8	-90 52.7	-106.2	-37.0	112.4	493	252.2	2.6	-0.2	958.3	69.1	30.4	24.4	15.7	15.7	0.0
19:29:30	30 12.5	-90 52.9	-105.6	-37.1	111.9	494	0.0	32.1	-9.6	70.6	76.2	50.0	43.6	17.8	17.8	4.5
19:29:30	30 12.5	-90 52.8	301.1	304.1	467	496	37.9	-6.9	-1.5	69.5	73.9	0.0	203.9	37.4	3.0	109.4
19:30:00	30 17.3	-90 54.5	-104.5	-35.8	110.5	6928*	253.1	3.4*	-0.6*	954.5	66.9	29.9	24.2	-16.9	-18.8	0.0
19:30:00	30 12.2	-90 54.7	-104.9	-36.1	111.0	480	253.1	3.3*	-0.7	959.0	67.2	30.1	24.4	15.2	15.2	0.0
19:30:00	30 11.9	-90 54.8	-104.4	-36.1	110.5	486	0.0	36.7	-7.0	69.0	74.5	50.0	43.8	17.5	17.5	4.5
19:30:00	30 11.9	-90 54.8	300.9	304.0	462	491	29.5	-4.0	-0.8	67.6	72.4	0.0	201.2	17.3	4.5	107.9
19:30:30	30 16.7	-90 56.4	-104.5	-35.8	110.5	6489*	253.2	2.9	-1.6	954.6	69.2	30.2	24.3	-16.9	-18.8	0.0
19:30:30	30 11.6	-90 56.6	-104.9	-36.2	111.0	485	253.2	2.8	-1.7	958.7	69.4	30.4	24.5	15.7	15.7	0.0
19:30:30	30 11.3	-90 56.8	-104.4	-36.2	110.5	497	0.0	32.1	-9.7	70.1	76.5	50.0	43.6	17.6	17.6	4.5
19:30:30	30 11.3	-90 56.7	301.1	304.1	464	494	28.9	-16.2	-4.8	69.7	73.3	0.0	204.4	5.1	2.2	109.6
19:31:00	30 16.2	-90 58.4	-109.4	-7.3	109.6	6442*	269.8	2.5	1.8*	954.1	66.4	29.9	24.3	-16.9	-18.9	0.0
19:31:00	30 11.1	-90 58.6	-109.7	-7.6	110.0	494	270.2	2.4	1.6*	958.1	66.7	30.2	24.4	14.8	14.8	0.0
19:31:00	30 10.8	-90 58.8	-109.2	-7.4	109.5	501	0.0	27.0	-11.3	67.2	73.3	50.0	43.8	16.5	16.5	4.5
19:31:00	30 10.8	-90 58.7	301.1	304.1	470	500	33.0	-18.3	-5.6	67.0	71.0	0.0	200.4	25.8	4.5	107.5

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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
19:31:30	30 16.1	-91 0.5	-111.7	-7.0	111.9	6832*	268.1	2.7	-0.4	955.0	72.0	30.2	24.2	-16.9	-18.9	0.0
19:31:30	30 11.0	-91 0.7	-112.0	-7.3	112.2	488	268.1	2.5	-0.6	959.1	72.2	30.5	24.3	14.6	14.6	0.0
19:31:30	30 10.6	-91 0.8	-111.6	-7.3	111.8	491	0.0	28.5	-12.4	73.3	79.2	50.0	43.3	16.6	16.6	4.5
19:31:30	30 10.6	-91 0.8	300.9	303.9	461	491	29.3	-10.3	-2.8	72.7	76.7	0.0	208.4	2.3	2.2	111.7
19:32:00	30 16.0	-91 2.5	-110.8	-6.9	111.0	6615*	268.6	2.5	-1.0	954.4	68.9	29.9	24.0	-16.9	-18.8	0.0
19:32:00	30 10.9	-91 2.8	-111.1	-7.1	111.3	494	268.6	2.4	-1.1	958.2	69.2	30.2	24.2	15.3	15.3	0.0
19:32:00	30 10.5	-91 2.9	-110.7	-7.2	110.9	505	0.0	25.7	-12.7	70.2	76.0	50.0	43.6	17.4	17.4	4.6
19:32:00	30 10.

A/C 43, Flgt 060831I, Micro99 date 2006/08/31, Proj acdata Run on Sat Sep 2 17:51:49 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
19:36:30	30 15.4	-91 21.2	-112.5	-3.7	112.6	6570*	270.3	2.0	-0.9*	954.3	71.9	29.8	23.8	-16.9	-18.9	0.0
19:36:30	30 10.3	-91 21.4	-112.8	-3.8	112.8	496	270.3	1.9	-1.0*	958.4	72.2	30.1	23.9	15.5	15.5	0.0
19:36:30	30 9.9	-91 21.5	-112.6	-3.8	112.7	499	0.0	24.9	-14.1	73.5	79.2	50.0	43.3	17.6	17.6	4.6
19:36:30	30 9.9	-91 21.5	300.6	303.6	467	499	29.6	-5.8	-1.4	72.6	76.8	0.0	208.4	12.3	4.1	111.7
19:37:00	30 15.4	-91 23.3	-111.8	-2.8	111.9	6371*	271.1*	2.6	1.8*	954.4	67.5	29.6	23.9	-16.9	-18.9	0.0
19:37:00	30 10.2	-91 23.5	-112.1	-3.0	112.1	496	271.5*	2.4	1.7*	958.5	67.8	29.9	24.0	15.9	15.9	0.0
19:37:00	30 9.8	-91 23.6	-111.9	-3.0	112.0	499	0.0	28.0	-11.1	69.3	74.6	50.0	43.7	17.8	17.8	4.6
19:37:00	30 9.9	-91 23.6	300.7	303.7	466	497	32.1	-3.8	-0.7	68.2	72.1	0.0	202.0	37.3	5.9	108.3
19:37:30	30 15.3	-91 25.4	-112.7	-1.1	112.7	6455*	272.9	2.3	-1.7	954.4	71.9	30.0	24.0	-16.9	-18.8	0.0
19:37:30	30 10.2	-91 25.6	-112.9	-1.2	112.9	498	272.9	2.2	-1.9	958.5	72.1	30.3	24.1	14.8	14.8	0.0
19:37:30	30 9.8	-91 25.7	-112.8	-1.1	112.8	496	0.0	27.1	-13.0	73.3	79.0	50.0	43.4	17.0	17.0	4.6
19:37:30	30 9.8	-91 25.7	300.7	303.8	466	499	26.6	-7.8	-2.0	72.6	76.5	0.0	208.3	10.9	6.2	111.6
19:38:00	30 15.3	-91 27.5	-111.3	-0.8	111.3	6908*	271.5	2.5	-1.6	954.8	67.3	29.5	23.8	-16.9	-18.9	0.0
19:38:00	30 10.2	-91 27.7	-111.6	-0.9	111.6	496	271.4	2.4	-1.7	958.4	67.6	29.8	24.0	15.8	15.8	0.0
19:38:00	30 9.8	-91 27.8	-111.5	-0.8	111.5	494	0.0	22.8	-13.3	69.0	74.2	50.0	43.7	17.9	17.9	4.6
19:38:00	30 9.8	-91 27.8	300.6	303.7	467	498	28.8	-5.8	-1.3	68.0	72.1	0.0	201.7	44.5	4.6	108.1
19:38:30	30 15.3	-91 29.6	-111.6	-0.5	111.6	5964*	272.7*	2.6	-0.4*	954.3	71.6	29.8	23.8	-16.9	-18.9	0.0
19:38:30	30 10.2	-91 29.8	-111.8	-0.6	111.8	491	272.7*	2.4	-0.5*	958.5	71.8	30.1	23.9	15.8	15.8	0.0
19:38:30	30 9.8	-91 29.9	-111.8	-0.5	111.8	491	0.0	27.1	-13.0	73.6	78.9	50.0	43.4	17.8	17.8	4.6
19:38:30	30 9.8	-91 29.9	300.6	303.6	466	499	28.0	-0.8	0.4	72.3	76.4	0.0	207.8	3.1	6.2	111.4
19:39:00	30 15.3	-91 31.6	-110.9	-0.7	110.9	7218*	272.7	3.0	-0.9	954.7	68.7	29.7	23.9	-16.9	-18.8	0.0
19:39:00	30 10.2	-91 31.9	-111.1	-0.8	111.1	489	273.1	2.8	-1.1	958.8	69.0	29.9	24.0	15.2	15.2	0.0
19:39:00	30 9.8	-91 32.0	-111.1	-0.8	111.1	488	0.0	29.3	-10.8	70.1	75.8	50.0	43.6	17.2	17.2	4.6
19:39:00	30 9.8	-91 31.9	300.6	303.6	463	496	27.9	-8.6	-2.2	69.4	73.0	0.0	203.8	19.2	5.4	109.2
19:39:30	30 15.3	-91 33.7	-110.0	-0.4	110.0	6582*	272.5	2.6	-1.1	954.6	67.1	29.5	23.9	-16.9	-18.8	0.0
19:39:30	30 10.1	-91 34.0	-110.2	-0.5	110.2	495	272.5	2.5	-1.2	958.4	67.4	29.8	24.0	15.5	15.5	0.0
19:39:30	30 9.8	-91 34.1	-110.2	-0.4	110.2	498	0.0	27.2	-11.3	68.4	74.1	50.0	43.8	17.6	17.6	4.6
19:39:30	30 9.8	-91 34.0	300.7	303.7	467	500	26.6	-11.5	-3.3	67.8	71.5	0.0	201.4	29.5	4.3	108.0
19:40:00	30 15.3	-91 35.8	-110.4	-0.1	110.4	6973*	273.2	3.4	-1.4	955.1	69.8	29.6	23.8	-16.9	-18.8	0.0
19:40:00	30 10.1	-91 36.0	-110.6	-0.2	110.6	488	273.2	3.3	-1.5	959.2	70.0	29.9	23.9	15.2	15.2	0.0
19:40:00	30 9.8	-91 36.1	-110.6	-0.2	110.7	485	0.0	28.4	-11.7	71.0	76.9	50.0	43.5	17.5	17.5	4.7
19:40:00	30 9.8	-91 36.1	300.5	303.5	460	494	28.6	-11.7	-3.3	70.5	74.2	0.0	205.3	6.1	5.1	110.0
19:40:30	30 15.3	-91 37.9	-116.7	-1.3	116.7	6558*	272.0	4.9	0.1	936.8	75.9	28.7	22.2	-16.9	-18.8	0.0
19:40:30	30 10.1	-91 38.2	-116.9	-1.4	116.9	657	272.1	4.7	-0.0	941.3	76.2	28.9	22.3	15.3	15.3	0.0
19:40:30	30 9.8	-91 38.2	-117.1	-1.4	117.1	651	0.0	24.0	-15.9	78.0	83.8	50.0	42.9	17.3	17.3	5.1
19:40:30	30 9.8	-91 38.2	300.5	303.6	617	658	28.2	-8.3	-2.1	76.6	81.1	0.0	213.9	17.9	4.9	115.4
19:41:00	30 15.2	-91 40.1	-116.4	-13.2	117.2	6879*	266.8	6.4	-2.2	911.7	72.8	26.3	20.0	-16.9	-18.9	0.0
19:41:00	30 10.0	-91 40.4	-116.7	-13.3	117.4	896	267.2	6.2	-2.3	915.9	73.1	26.6	20.1	15.0	15.0	0.0
19:41:00	30 9.7	-91 40.4	-116.8	-13.2	117.6	891	0.0	21.9	-15.8	74.3	80.4	50.0	43.0	17.1	17.1	5.9
19:41:00	30 9.7	-91 40.4	300.6	303.8	844	895	28.4	-14.7	-4.5	73.4	77.5	0.0	209.6	28.9	5.8	114.1

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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
19:41:30	30 15.0	-91 42.2	-114.9	-9.7	115.3	6664*	267.9	6.9	0.7	883.8	68.8	23.7	17.6	-16.9	-18.9	0.0
19:41:30	30 9.8	-91 42.5	-115.1	-9.8	115.5	1165	268.0	6.8	0.5	887.9	69.1	24.0	17.7	14.5	14.5	0.0
19:41:30	30 9.4	-91 42.6	-115.3	-9.7	115.7	1157	0.0	22.2	-14.3	70.7	76.2	50.0	43.1	16.9	16.9	6.9
19:41:30	30 9.4	-91 42.6	300.8	304.0	1100	1160	29.5	-9.8	-2.7	69.4	73.9	0.0	203.9	34.8	5.4	112.2
19:42:00	30 14.8	-91 44.4	-116.5	-9.6	116.9	7707*	269.4	5.9	-0.9	860.3	68.6	21.5	15.3	-16.9	-18.9	0.0
19:42:00	30 9.6	-91 44.7	-116.7	-9.7	117.1	1390	269.4	5.8	-1.0	864.4	68.8	21.9	15.5	13.6	13.6	0.0
19:42:00	30 9.3	-91 44.8	-116.9	-9.5	117.3	1394	0.0	25.1	-12.9	69.8	75.9	50.0	43.0	16.2	16.2	7.9
19:42:00	30 9.3	-91 44.7	300.8	304.1	1320	1392	28.8	-17.4	-5.5	69.1	73.4	0.0	203.6	31.5	6.9	113.1
19:42:30	30 14.6	-91 46.6	-114.8	-15.8	115.9	6442*	266.4	6.0	-2.6	835.1	63.6	20.2	14.3	-16.9	-18.9	0.0
19:42:30	30 9.5	-91 46.8	-115.1	-15.9	116.2	1643	266.4	5.8	-2.7	838.8	63.9	20.6	14.5	8.1	8.1	0.0
19:42:30	30 9.1	-91 46.9	-115.4	-15.9	116.5	1651	0.0	22.0	-12.5	65.0	70.4	50.0	43.3	10.2	10.2	8.5
19:42:30	30 9.1	-91 46.9	302.2	305.7	1566	1646	28.7	-14.0	-4.3	64.2	67.7	0.0	196.2	35.0	8.5	110.5
19:43:00	30 14.3	-91 48.7	-117.0	-15.1	118.0	6621*	268.1	6.1	-0.1	813.8	66.9	19.7	13.3	-16.9	-18.9	0.0
19:43:00	30 9.2	-91 49.0	-117.3	-15.2	118.2	1853	268.5	5.9	-0.3	817.8	67.2	20.0	13.5	5.4	5.4	0.0
19:43:00	30 8.8	-91 49.1	-117.6	-15.1	118.6	1864	0.0	25.0	-12.2	68.1	73.9	50.0	42.8	7.1	7.1	9.1
19:43:00	30 8.8	-91 49.1	303.4	307.0	1771	1860	26.5	-15.1	-4.6	67.5	71.4	0.0	201.1	17.9	9.6	114.4
19:43:30	30 14.1	-91 50.9	-116.3	-13.1	117.0	6717*	268.8	6.5	-0.9	791.8	66.5	19.7	13.2	-16.9	-18.9	0.0
19:43:30	30 8.9	-91 51.2	-116.5	-13.2	117.3	2086	268.9	6.3	-1.0	796.0	66.7	20.0	13.4	-1.6	-1.8	0.0
19:43:30	30 8.6	-91 51.3	-117.0	-13.1	117.7	2088	0.0	27.3	-11.1	67.9	73.5	50.0	42.6	0.0	0.0	9.1
19:43:30	30 8.6	-91 51.3	305.6	309.3	1990	2088	27.5	-12.4	-3.7	67.1	71.0	0.0	200.5	6.5	9.2	115.5
19:44:00	30 13.9	-91 53.1	-115.2	-13.7	116.0	6927*	269.1	6.1*	-1.1	771.0	62.0	19.8	13.5	-16.9	-18.9	0.0
19:44:00	30 8.7	-91 53.4	-115.4	-13.9	116.2	2309	269.2	6.0*	-1.2	774.8	62.3	20.1	13.7	-1.6	-1.8	0.0
19:44:00	30 8.4	-91 53.5	-115.9	-13.7	116.7	2319	0.0	26.4	-9.9	63.3	68.7	50.0	42.9	0.2	0.2	8.9
19:44:00	30 8.4	-91 53.4	308.4	312.2	2206	2315	28.8	-13.8	-4.3	62.6	66.3	0.0	193.8	12.2	10.2	113.2
19:44:30	30 13.7	-91 55.3	-118.3	-14.7	119.2	7074*	269.4	5.5	-1.3	755.6	65.6	19.1	12.5	-16.9	-18.9	0.0
19:44:30	30 8.5	-91 55.5	-118.5	-14.9	119.5	2453	269.4	5.3	-1.4	759.5	65.9	19.5	12.7	-4.9	-5.5	0.0
19:44:30	30 8.2	-91 55.7	-119.1	-14.7	120.0	2485	0.0	26.6	-11.0	66.7	72.4	50.0	42.4	-2.9	-3.2	9.6
19:44:30	30 8.2	-91 55.6	309.0	312.9	2365	2483	32.5	-14.8	-4.6	66.2	70.0	0.0	199.2	5.8	11.3	117.3
19:45:00	30 13.4	-91 57.5	-118.6	-15.9	119.6	7086*	268.9	5.6	-0.8	738.8	66.3	18.2	11.3	-16.9	-18.9	0.0
19:45:00	30 8.2	-91 57.8	-118.8	-16.1	119.9	2654	269.2	5.5	-1.0	742.9	66.5	18.5	11.5	-4.7	-5.3	0.0
19:45:00	30 7.9	-91 57.9	-119.4	-15.9	120.4	2675	0.0	26.5	-11.2	67.3	73.0	50.0	42.2	-2.6	-3.0	10.4
19:45:00	30 7.9	-91 57.9	309.7	313.7	2542	2668	30.1	-14.0	-4.3	66.9	70.8	0.0	200.2	359.3	11.5	118.9
19:45:30	30 13.2	-91 59.7	-117.7	-14.1	118.6	6370*	268.6	6.3	-0.7	721.5	64.0	16.8	10.1	-16.9	-18.9	0.0
19:45:30	30 8.0	-91 60.0	-118.0	-14.3	118.8	2845	268.7	6.2	-0.9	725.6	64.3	17.2	10.3	-6.4	-7.3	0.0
19:45:30	30 7.7	-92 0.1	-118.6	-14.1	119.4	2867	0.0	27.3	-10.1	65.1	70.6	50.0	42.2	-4.3	-4.8	11.3
19:45:30	30 7.7	-92 0.1	310.4	314.5	2729	2865	29.4	-13.6	-4.1	64.6	68.4	0.0	196.8	0.1	9.2	118.0
19:46:00	30 12.9	-92 1.9	-116.3	-12.5	116.9	6929*	268.9	5.4	-0.5	703.6	62.8	14.9	8.2	-16.9	-18.9	0.0
19:46:00	30 7.8	-92 2.2	-116.5	-12.7	117.2	3062	269.0	5.2	-0.6	707.6	63.1	15.3	8.4	-8.6	-9.6	0.0
19:46:00	30 7.4	-92 2.2	-117.1	-12.7	117.8	3064	0.0	27.3	-9.7	63.9	69.3	50.0	42.2	-6.3	-7.1	12.8
00:00:00	30 7.4	-92 2.3	310.6	314.8	2928	3074	28.2	-13.4	-4.1	63.4	67.2	0.0	195.1	349.1	8.4	118.0

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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
19:46:30	30 12.8	-92 4.0	-117.0	-11.4	117.5	6979*	269.7	2.5	-0.7*	691.2	62.7	15.1	8.3	-16.9	-18.9	0.0
19:46:30	30 7.6	-92 4.3	-117.2	-11.6	117.8	3204	269.8	2.4	-0.8*	695.0	63.0	15.6	8.5	-13.7	-15.3	0.0
19:46:30	30 7.2	-92 4.5	-118.0	-11.4	118.5	3221	0.0	31.4	-7.6	63.0	68.7	50.0	42.1	-14.5	-16.2	12.7
19:46:30	30 7.2	-92 4.5	312.2	316.5	3068	3222	27.0	-15.3	-4.8	63.3	66.9	0.0	194.9	347.0	8.5	118.9
19:47:00	30 12.6	-92 6.2	-117.8	-10.5	118.2	6640*	269.9	-0.0	-1.4	703.9	64.9	14.8	7.9	-16.9	-18.9	0.0
19:47:00	30 7.4	-92 6.5	-118.0	-10.7	118.5	3052	270.3	-0.2	-1.6	707.9	65.2	15.3	8.1	-8.2	-9.3	0.0
19:47:00	30 7.1	-92 6.7	-118.7	-10.5	119.2	3064	0.0	31.6	-8.2	65.3	70.8	50.0	42.0	-5.7	-6.4	13.1
19:47:00	30 7.1	-92 6.7	310.2	314.4	2924	3073	30.2	-11.7	-3.4	65.5	69.0	0.0	198.2	348.8	8.9	119.8
19:47:30	30 12.4	-92 8.5	-122.1	-11.0	122.6	7119*	269.5	-0.3	-1.2	720.5	69.8	16.9	9.6	-16.9	-18.9	0.0
19:47:30	30 7.2	-92 8.8	-122.3	-11.3	122.8	2864	269.6	-0.4	-1.4	724.6	70.1	17.3	9.7	-6.8	-7.7	0.0
19:47:30	30 6.9	-92 9.0	-123.1	-11.1	123.6	2868	0.0	28.2	-11.4	70.2	75.9	50.0	41.6	-4.5	-5.1	11.6
19:47:30	30 6.9	-92 8.9	310.0	314.1	2740	2880	25.5	-10.2	-2.8	70.5	74.2	0.0	205.4	355.6	8.9	123.1
19:48:00	30 12.2	-92 10.8	-125.0	-12.7	125.7	6103*	269.5	-0.3	-1.4	736.8	73.3	18.8	11.2	-16.9	-18.9	0.0
19:48:00	30 7.0	-92 11.1	-125.3	-13.0	125.9	2666	269.5	-0.4	-1.5	741.1	73.6	19.1	11.3	-5.7	-6.4	0.0
19:48:00	30 6.7	-92 11.3	-126.0	-12.8	126.6	2680	0.0	26.6	-13.2	73.8	79.5	50.0	41.4	-3.1	-3.5	10.4
19:48:00	30 6.7	-92 11.3	309.8	313.8	2561	2692	27.7	-10.0	-2.7	74.0	77.9	0.0	210.4	1.4	10.5	125.0
19:48:30	30 12.0	-92 13.1	-126.3	-13.5	127.0	5611*	269.3	-1.3	-1.7	754.3	75.7	20.2	12.6	-16.9	-18.9	0.0
19:48:30	30 6.8	-92 13.4	-126.5	-13.9	127.3	2477	269.4	-1.4	-1.8	758.7	76.0	20.5	12.6	-6.3	-7.1	0.0
19:48:30	30 6.5	-92 13.7	-127.3	-13.6	128.0	2487	0.0	26.1	-14.3	76.2	82.0	50.0	41.3	-4.8	-5.4	9.5
19:48:30	30 6.5	-92 13.6	309.2	313.1	2374	2498	30.1	-9.2	-2.4	76.4	80.3	0.0	213.7	4.2	11.3	125.8
19:49:00	30 11.8	-92 15.5	-128.3	-15.0	129.1	5871*	269.4	-1.1	-1.4	774.6	80.7	21.1	13.2	-16.9	-18.9	0.0
19:49:00	30 6.6	-92 15.8	-128.5	-15.4	129.4	2275	269.8	-1.3	-1.5	779.3	81.0	21.4	13.2	-7.1	-8.0	0.0
19:49:00	30 6.2	-92 16.0	-129.2	-15.2	130.1	2270	0.0	23.3	-17.3	81.3	87.3	50.0	41.0	-4.0	-4.5	9.1
19:49:00	30 6.3	-92 16.0	307.5	311.3	2160	2274	29.6	-8.1	-2.2	81.4	85.6	0.0	220.4	1.5	13.1	128.2
19:49:30	30 11.5	-92 17.9	-127.6	-13.4	128.3	7261*	269.2	-0.9	-0.6	792.5	81.5	20.8	13.0	-16.9	-18.9	0.0
19:49:30	30 6.3	-92 18.2	-127.8	-13.7	128.6	2068	269.2	-1.0	-0.7	797.3	81.8	21.0	13.0	-3.1	-3.5	0.0
19:49:30	30 6.0	-92 18.5	-128.6	-13.5	129.3	2071	0.0	22.8	-17.8	82.1	88.3	50.0	41.1	-1.1	-1.2	9.3
19:49:30	30 6.0	-92 18.4	305.3	308.9	1977	2083	29.3	-8.8	-2.3	82.2	86.5	0.0	221.5	2.4	10.7	127.4
19:50:00	30 11.3	-92 20.3	-126.9	-10.9	127.3	7149*	269.9	-0.9	-0.9	810.4	81.4	20.6	13.0	-16.9	-18.8	0.0
19:50:00	30 6.1	-92 20.6	-127.1	-11.3	127.6	1883	269.9	-1.0	-1.0	815.2	81.7	20.9	13.0	4.8	4.8	0.0
19:50:00	30 5.8	-92 20.8	-127.8	-11.1	128.3	1885	0.0	23.1	-17.6	82.2	88.2	50.0	41.3	6.7	6.7	9.3
19:50:00	30 5.8	-92 20.8	303.3	306.9	1797	1894	26.2	-7.0	-1.7	82.2	86.5	0.0	221.4	6.3	10.3	126.0
19:50:30	30 11.2	-92 22.6	-128.1	-8.8	128.4	6496*	270.2	-1.5	-1.1	830.1	85.2	22.6	14.8	-16.9	-18.9	0.0
19:50:30	30 6.0	-92 22.9	-128.3	-9.2	128.6	1683	270.3	-1.6	-1.2	835.1	85.5	22.8	14.7	5.4	5.4	0.0
19:50:30	30 5.6	-92 23.2	-129.0	-9.0	129.3	1683	0.0	21.8	-19.5	85.7	92.2	50.0	41.1	7.5	7.5	8.2
19:50:30	30 5.7	-92 23.2	303.1	306.6	1602	1693	31.0	-10.1	-2.8	85.9	90.4	0.0	226.3	5.2	8.4	127.6
19:51:00	30 11.0	-92 25.0	-129.4	-8.4	129.7	6646*	269.8	-1.5	-0.9	850.7	87.0	23.1	15.2	-16.9	-18.9	0.0
19:51:00	30 5.8	-92 25.3	-129.6	-8.8	129.9	1476	270.2	-1.6	-1.1	855.7	87.3	23.3	15.2	10.7	10.7	0.0
19:51:00	30 5.5	-92 25.7	-130.3	-8.6	130.6	1474	0.0	20.0	-20.9	87.6	94.1	50.0	41.1	13.2	13.2	8.0
19:51:00	30 5.5	-92 25.6	301.5	304.9	1402	1487	28.9	-9.0	-2.5	87.6	92.1	0.0	228.6	16.2	7.6	127.5

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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
19:51:30	30 10.9	-92 27.5	-129.5	-6.3	129.7	7007*	269.4	-1.7	-1.5	871.3	89.4	24.6	16.7	-16.9	-18.9	0.0
19:51:30	30 5.7	-92 27.8	-129.7	-6.8	129.9	1277	269.5	-1.7	-1.6	876.9	89.6	24.8	16.6	13.9	13.9	0.0
19:51:30	30 5.4	-92 28.1	-130.4	-6.5	130.6	1272	0.0	20.1	-21.7	90.0	96.9	50.0	41.1	16.8	16.8	7.3
19:51:30	30 5.4	-92 28.1	300.9	304.2	1202	1283	25.9	-10.1	-2.7	90.0	94.6	0.0	231.6	23.8	4.6	128.0
19:52:00	30 10.8	-92 29.9	-128.0	-4.9	128.1	6851*	270.3	-1.4	-1.4	890.8	85.9	26.2	18.7	-16.9	-18.9	0.0
19:52:00	30 5.6	-92 30.2	-128.2	-5.5	128.3	1092	270.3	-1.5	-1.5	895.9	86.1	26.5	18.8	14.0	14.0	0.0
19:52:00	30 5.3	-92 30.5	-128.9	-5.0

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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
19:56:30	30 9.2	-92 49.8	-128.1	-1.5	128.1	6262*	271.0	1.3	-0.9	919.7	92.1	29.4	21.5	-16.9	-18.8	0.0
19:56:30	30 3.9	-92 50.2	-128.3	-2.3	128.3	816	271.0	1.2	-1.0	925.3	92.3	29.6	21.5	13.3	13.3	0.0
19:56:30	30 3.6	-92 50.6	-129.1	-2.0	129.1	819	0.0	14.8	-25.1	93.6	100.3	50.0	41.3	15.8	15.8	5.4
19:56:30	30 3.6	-92 50.6	301.3	304.4	759	820	34.4	-8.2	-2.2	92.7	98.0	0.0	235.0	9.5	3.3	127.6
19:57:00	30 9.2	-92 52.2	-129.6	-2.7	129.6	5918*	270.7	1.2	0.1	919.3	91.9	29.4	21.6	-16.9	-18.8	0.0
19:57:00	30 3.8	-92 52.6	-129.8	-3.6	129.8	819	271.1	1.1	-0.1	925.1	92.2	29.6	21.5	14.0	14.0	0.0
19:57:00	30 3.6	-92 53.1	-130.6	-3.3	130.6	820	0.0	15.3	-24.6	93.5	100.0	50.0	41.3	16.6	16.6	5.3
19:57:00	30 3.6	-92 53.0	301.4	304.5	761	823	29.3	-7.6	-2.1	92.5	98.0*	0.0	234.8	28.3	4.3	127.5
19:57:30	30 9.1	-92 54.7	-129.8	-2.9	129.8	6934*	271.7	0.8	-1.7	919.3	91.3	29.3	21.5	-16.9	-18.9	0.0
19:57:30	30 3.7	-92 55.0	-130.0	-3.8	130.1	822	271.7	0.7	-1.8	924.8	91.5	29.5	21.5	13.4	13.4	0.0
19:57:30	30 3.5	-92 55.5	-130.9	-3.5	130.9	825	0.0	17.9	-23.4	92.1	99.3	50.0	41.4	16.0	16.0	5.3
19:57:30	30 3.5	-92 55.5	301.4	304.5	764	824	31.4	-16.1	-5.0	91.8	97.0	0.0	234.0	29.6	5.6	127.1
19:58:00	30 9.1	-92 57.1	-129.1	-2.0	129.1	5816*	271.3	1.3	-1.2	920.1	92.5	29.7	21.8	-16.9	-18.9	0.0
19:58:00	30 3.7	-92 57.4	-129.3	-2.9	129.3	812	271.3	1.2	-1.3	925.7	92.8	29.9	21.7	13.6	13.6	0.0
19:58:00	30 3.4	-92 57.9	-130.0	-2.7	130.1	815	0.0	16.1	-24.2	93.6	100.6	50.0	41.3	16.2	16.2	5.2
19:58:00	30 3.4	-92 57.9	301.6	304.7	756	818	30.9	-10.4	-2.9	93.1	98.5	0.0	235.5	15.9	4.2	127.9
19:58:30	30 9.1	-92 59.4	-121.5	-2.4	121.5	6925*	271.7	0.0	-1.7	930.5	79.9	29.5	22.7	-16.9	-18.9	0.0
19:58:30	30 3.6	-92 59.8	-121.8	-3.4	121.8	723	271.7	-0.1	-1.8	935.3	80.2	29.7	22.7	14.3	14.3	0.0
19:58:30	30 3.4	-93 0.3	-122.6	-3.2	122.6	725	0.0	25.3	-16.5	80.3	87.3	50.0	42.5	16.8	16.8	5.0
19:58:30	30 3.4	-93 0.2	301.5	304.6	670	725	33.9	-17.9	-5.6	80.6	85.5	0.0	219.4	37.2	4.8	118.7
19:59:00	30 9.0	-93 1.6	-117.1	-0.2	117.1	6012*	272.6	0.1	-1.7	941.9	78.5	30.5	23.8	-16.9	-18.9	0.0
19:59:00	30 3.6	-93 2.0	-117.3	-1.3	117.3	611	273.0	-0.1	-1.8	946.7	78.7	30.7	23.9	14.6	14.6	0.0
19:59:00	30 3.4	-93 2.5	-118.1	-0.9	118.1	620	0.0	20.4	-18.4	79.8	85.7	50.0	42.7	17.1	17.1	4.6
19:59:00	30 3.4	-93 2.5	301.7	304.7	570	620	29.4	-6.4	-1.6	79.2	83.3	0.0	217.4	0.6	5.2	117.2
19:59:30	30 9.0	-93 3.8	-113.1	-0.8	113.1	7425*	271.5	2.7	-0.7*	954.3	71.0	30.7	24.7	-16.9	-18.9	0.0
19:59:30	30 3.6	-93 4.1	-113.4	-1.9	113.4	497	271.5	2.5	-0.8*	959.4	71.3	31.0	24.9	15.0	15.0	0.0
19:59:30	30 3.4	-93 4.7	-114.1	-1.4	114.1	499	0.0	36.2	-8.6	72.9	78.7	50.0	43.4	17.2	17.2	4.4
19:59:30	30 3.4	-93 4.7	301.4	304.5	458	503	31.7	-3.9	-0.7	71.7	76.6	0.0	207.1	29.1	4.2	111.1
20:00:00	30 9.0	-93 5.9	-112.6	-0.4	112.6	6056*	272.3	1.8	-1.2	954.6	72.2	31.0	25.0	-16.9	-18.9	0.0
20:00:00	30 3.6	-93 6.2	-112.9	-1.5	112.9	501	272.3	1.7	-1.3	959.0	72.4	31.4	25.1	13.7	13.7	0.0
20:00:00	30 3.3	-93 6.8	-113.6	-1.3	113.6	502	0.0	26.1	-13.5	73.3	79.5	50.0	43.3	16.3	16.3	4.3
20:00:00	30 3.3	-93 6.8	301.7	304.7	462	505	33.6	-13.3	-3.7	72.8	76.7	0.0	208.7	10.2	3.4	112.0
20:00:30	30 9.0	-93 8.0	-114.7	0.4	114.7	6923*	272.0	1.8	-1.1	954.8	73.2	31.1	24.9	-16.9	-18.9	0.0
20:00:30	30 3.5	-93 8.4	-115.0	-0.8	115.0	501	272.0	1.6	-1.2	959.1	73.5	31.4	25.1	14.6	14.6	0.0
20:00:30	30 3.3	-93 8.9	-115.7	-0.5	115.7	502	0.0	20.0	-16.8	74.4	80.3	50.0	43.2	17.1	17.1	4.3
20:00:30	30 3.3	-93 8.9	301.7	304.7	460	505	32.7	-11.7	-3.4	73.8	77.6	0.0	210.2	41.2	2.9	112.8
20:01:00	30 9.0	-93 10.1	-113.7	-0.2	113.7	5732*	271.5	2.4	-0.9	954.5	73.0	31.1	25.0	-16.9	-18.9	0.0
20:01:00	30 3.5	-93 10.5	-113.9	-1.4	114.0	502	271.9	2.2	-1.0	959.1	73.3	31.4	25.1	14.9	14.9	0.0
20:01:00	30 3.3	-93 11.1	-114.7	-1.1	114.7	500	0.0	26.0	-13.9	74.4	80.2	50.0	43.3	17.1	17.1	4.3
20:01:00	30 3.3	-93 11.1	301.7	304.7	461	505	34.6	-8.7	-2.2	73.7	77.8	0.0	209.9	22.6	2.7	112.7

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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
20:01:30	30 9.0	-93 12.3	-115.9	-0.5	115.9	6551*	271.6	2.1	-0.8	955.1	77.3	31.7	25.2	-16.9	-18.9	0.0
20:01:30	30 3.5	-93 12.7	-116.2	-1.7	116.2	494	271.7	1.9	-1.0	959.9	77.5	32.0	25.3	14.0	14.0	0.0
20:01:30	30 3.3	-93 13.3	-116.9	-1.4	116.9	495	0.0	28.8	-14.1	78.4	84.9	50.0	42.9	16.5	16.5	4.3
20:01:30	30 3.3	-93 13.2	301.9	304.9	454	498	37.1	-11.9	-3.5	77.9	82.2	0.0	215.8	2.2	2.5	115.8
20:02:00	30 9.0	-93 14.4	-115.6	-1.6	115.6	6251*	271.4	2.3	-1.0*	955.2	74.6	31.5	25.2	-16.9	-18.9	0.0
20:02:00	30 3.5	-93 14.8	-115.9	-2.9	115.9	495	271.4	2.2	-1.1*	959.8	74.9	31.8	25.3	13.6	13.6	0.0
20:02:00	30 3.3	-93 15.4	-116.5	-2.5	116.6	488	0.0	26.6	-14.2	76.1	82.1	50.0	43.1	16.1	16.1	4.3
20:02:00	30 3.3	-93 15.4	301.9	305.0	455	499	32.9	-7.7	-2.0	75.3	79.5	0.0	212.2	23.7	4.2	113.9
20:02:30	30 9.0	-93 16.6	-115.0	-0.3	115.0	5743*	271.9	2.5	-1.3*	954.9	77.2	31.7	25.2	-16.9	-18.8	0.0
20:02:30	30 3.4	-93 17.0	-115.3	-1.6	115.3	496	272.0	2.4	-1.4*	959.7	77.5	32.0	25.3	14.3	14.3	0.0
20:02:30	30 3.2	-93 17.6	-116.0	-1.3	116.0	490	0.0	22.8	-16.7	78.8	84.7	50.0	42.9	16.9	16.9	4.3
20:02:30	30 3.2	-93 17.6	301.9	304.9	456	501	30.2	-5.3	-1.2	77.8	82.3	0.0	215.7	349.2	4.1	115.8
20:03:00	30 9.0	-93 18.8	-116.2	-0.5	116.2	7094*	271.8	1.4	-1.0	954.5	75.2	31.7	25.4	-16.9	-18.9	0.0
20:03:00	30 3.4	-93 19.1	-116.5	-1.9	116.5	502	272.2	1.3	-1.2	959.0	75.4	32.0	25.5	14.0	14.0	0.0
20:03:00	30 3.2	-93 19.8	-117.2	-1.5	117.2	497	0.0	25.1	-15.1	76.2	82.5	50.0	43.1	16.4	16.4	4.2
20:03:00	30 3.2	-93 19.7	302.1	305.2	461	507	30.2	-13.2	-4.0	75.8	80.6	0.0	212.9	36.9	3.2	114.4
20:03:30	30 9.0	-93 20.9	-115.7	-0.4	115.7	6646*	271.9	2.0	-0.6*	954.4	77.8	31.9	25.3	-16.9	-18.9	0.0
20:03:30	30 3.4	-93 21.3	-116.0	-1.9	116.0	503	272.0	1.9	-0.8*	959.0	78.1	32.1	25.4	14.0	14.0	0.0
20:03:30	30 3.2	-93 22.0	-116.7	-1.6	116.7	498	0.0	21.7	-17.5	78.9	85.3	50.0	42.8	16.4	16.4	4.2
20:03:30	30 3.2	-93 21.9	302.1	305.1	462	509	35.5	-14.4	-4.3	78.5	83.1	0.0	216.5	347.3	2.7	116.3
20:04:00	30 9.0	-93 23.1	-115.1	0.4	115.1	6316*	270.8	1.3	-0.6*	954.6	73.2	31.5	25.3	-16.9	-18.9	0.0
20:04:00	30 3.3	-93 23.5	-115.4	-1.0	115.4	502	270.8	1.2	-0.7*	959.0	73.5	31.8	25.4	14.5	14.5	0.0
20:04:00	30 3.2	-93 24.1	-116.1	-0.7	116.1	500	0.0	23.5	-15.0	74.6	80.4	50.0	43.2	16.8	16.8	4.2
20:04:00	30 3.2	-93 24.1	302.1	305.1	462	507	33.4	-8.6	-2.0	73.8	77.7	0.0	210.2	80.7	2.3	112.9
20:04:30	30 9.0	-93 25.2	-116.0	-0.0	116.0	6105*	271.7*	2.0	-1.5*	955.5	75.6	31.7	25.4	-16.9	-18.9	0.0
20:04:30	30 3.3	-93 25.6	-116.4	-1.5	116.4	494	271.7*	1.9	-1.6*	959.9	75.9	32.0	25.5	14.2	14.2	0.0
20:04:30	30 3.1	-93 26.3	-117.0	-1.3	117.0	489	0.0	27.4	-14.0	76.1	83.1	50.0	43.0	16.7	16.7	4.2
20:04:30	30 3.1	-93 26.3	302.0	305.1	454	499	30.4	-20.4	-6.6	76.2	80.4	0.0	213.5	60.0	1.6	114.7
20:05:00	30 9.0	-93 27.4	-114.5	0.9	114.5	6786*	271.3	2.7	-0.7*	955.5	73.8	31.6	25.4	-16.9	-18.9	0.0
20:05:00	30 3.3	-93 27.8	-114.9	-0.7	114.9	492	271.7	2.5	-0.8*	960.0	74.0	31.9	25.5	14.2	14.2	0.0
20:05:00	30 3.1	-93 28.5	-115.5	-0.4	115.5	490	0.0	29.1	-12.7	74.5	81.2	50.0	43.2	16.6	16.6	4.2
20:05:00	30 3.1	-93 28.5	302.1	305.1	453	498	31.9	-17.2	-5.5	74.4	78.7	0.0	211.0	111.7	1.3	113.3
20:05:30	30 8.8	-93 29.5	-106.4	-42.4	114.6	6774*	248.9*	3.3	-25.0*	955.5	70.0	31.5	25.5	-16.9	-18.9	0.0
20:05:30	30 3.1	-93 29.9	-106.9	-44.1	115.6	502	249.0*	3.1	-25.1*	959.7	70.3	31.8	25.7	14.1	14.1	0.0
20:05:30	30 2.9	-93 30.6	-107.3	-44.5	116.1	494	0.0	32.7	-10.3	71.8	77.8	50.0	43.5	16.6	16.6	4.2
20:05:30	30 2.9	-93 30.6	302.2	305.3	456	501	33.6	-6.0	-1.9	70.7	74.8	0.0	205.6	25.4	5.7	110.5
20:06:00	30 7.6	-93 31.0	-71.7	-88.5	113.9	7142*	220.3	2.9	-1.6*	955.4	70.2	31.4	25.5	-16.9	-18.9	0.0
20:06:00	30 1.8	-93 31.4	-72.4	-90.3	115.7	498	220.4	2.8	-1.7*	959.7	70.5	31.7	25.6	14.3	14.3	0.0
20:06:00	30 1.6	-93 32.2	-73.0	-90.0	115.9	498	0.0	27.0	-12.4	71.7	77.3	50.0	43.5	16.6	16.6	4.2
20:06:00	30 1.7	-93 32.1	302.1	305.2	456	500	34.7	-9.3	-2.7	70.9	74.9	0.0	205.9	11.4	3.7	110.6

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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
20:06:30	30 6.1	-93 32.4	-71.9	-88.0	113.6	6765*	219.8	2.4	-0.2	955.3	70.4	31.3	25.4	-16.9	-18.9	0.0
20:06:30	30 0.3	-93 32.8	-72.6	-89.8	115.4	495	219.8	2.3	-0.3	959.6	70.6	31.6	25.5	14.5	14.5	0.0
20:06:30	30 0.2	-93 33.5	-73.2	-89.5	115.6	500	0.0	27.5	-12.5	72.0	77.5	50.0	43.5	17.0	17.0	4.2
20:06:30	30 0.2	-93 33.5	302.1	305.1	457	500	36.1	-5.4	-1.4	71.1	74.7	0.0	206.1	24.5	3.0	110.7
20:07:00	30 4.7	-93 33.7	-71.6	-88.6	113.9	6348*	219.6	2.3	-0.8*	954.8	70.1	31.4	25.5	-16.9	-18.9	0.0
20:07:00	29 58.9	-93 34.1	-72.3	-90.5	115.8	498	219.8*	2.2	-1.0*	959.3	70.4	31.7	25.6	14.6	14.6	0.0
20:07:00	29 58.7	-93 34.9	-72.8	-90.2	115.9	504	0.0	26.6	-12.5	72.3	77.3	50.0	43.5	16.9	16.9	4.2
20:07:00	29 58.8	-93 34.9	302.2	305.3	459	504	35.7	1.1	0.7	70.9	75.9	0.0	205.8	5.7	4.0	110.6
20:07:30	30 3.3	-93 35.0	-71.4	-87.8	113.2	7307*	220.0	2.6	-0.4	955.3	72.8	31.4	25.3	-16.9	-18.8	0.0
20:07:30	29 57.4	-93 35.5	-72.1	-89.7	115.1	497	220.3	2.4	-0.6	959.6	73.1	31.7	25.4	14.7	14.7	0.0
20:07:30	29 57.3	-93 36.2	-72.6	-89.5	115.2	500	0.0	24.4	-14.7	73.8	80.1	50.0	43.3	16.9	16.9	4.2
20:07:30	29 57.3	-93 36.2	302.0	305.0	457	502	29.1	-14.5	-4.5	73.4	77.4	0.0	209.6	49.5	0.6	112.6
20:08:00	30 1.8	-93 36.4	-70.8	-86.6	111.9	7287*	220.5	2.2	-1.0	954.8	70.5	31.1	25.1	-16.9	-18.9	0.0
20:08:00	29 56.0	-93 36.8	-71.6	-88.6	113.9	500	220.5	2.0	-1.1	959.1	70.8	31.4	25.2	15.0	15.0	0.0
20:08:00	29 55.8	-93 37.6	-72.1	-88.3	114.0	502	0.0	25.8	-13.2	72.4	77.7	50.0	43.5	17.3	17.3	4.3
20:08:00	29 55.9	-93 37.6	301.8	304.9	461	506	32.8	-2.8	-0.5	71.3	75.2	0.0	206.4	332.9	2.8	110.8
20:08:30	30 0.4	-93 37.7	-70.3	-85.7	110.8	6959*	219.1	2.2	0.0	954.9	68.8	30.8	25.0	-16.9	-18.9	0.0
20:08:30	29 54.6	-93 38.1	-71.0	-87.6	112.8	499	219.0	2.1	-0.1	959.1	69.1	31.1	25.1	15.7	15.7	0.0
20:08:30	29 54.4	-93 39.0	-71.6	-87.3	112.9	505	0.0	24.9	-13.1	70.7	75.8	50.0	43.6	17.7	17.7	4.3
20:08:30	29 54.4	-93 38.9	301.7	304.7	460	505	32.9	-2.3	-0.3	69.6	73.7	0.0	204.0	54.0	1.4	109.5
20:09:00	29 59.1	-93 39.0	-69.2	-86.5	110.7	6287*	220.3	2.9	-1.2	955.7	67.1	31.0	25.3	-16.9	-18.9	0.0
20:09:00	29 53.1	-93 39.5	-69.9	-88.5	112.8	498	220.5	2.8	-1.3	959.8	67.3	31.3	25.5	14.3	14.3	0.0
20:09:00	29 53.0	-93 40.3	-70.4	-88.2	112.9	501	0.0	27.8	-11.1	68.3	74.1	50.0	43.8	16.7	16.7	4.2
20:09:00	29 53.0	-93 40.2	302.0	305.0	455	499	34.8	-12.2	-3.6	67.7	71.7	0.0	201.3	6.5	3.1	108.1
20:09:30	29 57.7	-93 40.3	-71.1	-85.7	111.4	7385*	220.2	2.8	-1.0	955.5	73.7	31.2	25.0	-16.9	-18.9	0.0
20:09:30	29 51.7	-93 40.8	-71.9	-87.7	113.4	492	220.4	2.6	-1.2	959.9	74.0	31.5	25.1	15.2	15.2	0.0
20:09:30	29 51.6	-93 41.6	-72.5	-87.4	113.5	497	0.0	29.0	-12.6	74.8	81.0	50.0	43.2	17.5	17.5	4.3
20:09:30	29 51.6	-93 41.6	301.7	304.7	453	499	32.6	-11.3	-3.1	74.3	77.7	0.0	210.9	210.9	1.8	113.2
20:10:00	29 56.3	-93 41.6	-69.9	-84.2	109.5	6927*	219.6	2.8	-0.2	955.4	68.9	30.7	24.9	-16.9	-18.9	0.0
20:10:00	29 50.3	-93 42.1	-70.7	-86.3	111.6	496	219.6	2.7	-0.4	959.5	69.2	31.0	25.1	15.2	15.2	0.0
20:10:00	29 50.2	-93 42.9	-71.1	-86.1	111.7	501	0.0	23.4	-13.6	70.3	75.7	50.0	43.6	17.4	17.4	4.3
20:10:00	29 50.2	-93 42.9	301.6	304.6	457	502	33.1	-8.4	-2.3	69.5	73.5	0.0	204.0	129.9	1.1	109.5
20:10:30	29 54.9	-93 42.9	-69.9	-84.8	109.9	7412*	220.6	2.4	-1.7	955.1	70.6	30.8	24.8	-16.9	-18.9	0.0
20:10:30	29 48.9	-93 43.4	-70.7	-86.9	112.0	498	220.6	2.2	-1.8	959.3	70.9	31.1	25.0	15.0	15.0	0.0
20:10:30	29 48.8	-93 44.3	-71.1	-86.6	112.0	500	0.0	25.3	-13.4	71.8	77.7	50.0	43.5	17.2	17.2	4.4
20:10:30	29 48.8	-93 44.2	301.5	304.6	459	505	34.8	-12.8	-3.7	71.3	75.0	0.0	206.5	258.0	1.2	110.8
20:11:00	29 53.7	-93 44.4	-102.4	-36.5	108.7	6268*	252.3*	2.4	23.3	954.2	69.9	30.8	24.9	-16.9	-18.9	0.0
20:11:00	29 47.6	-93 44.9	-102.9	-38.6	109.9	499	252.8*	2.2	23.1	959.4	70.2	31.1	25.0	14.6	14.6	0.0
20:11:00	29 47.5	-93 45.7	-103.5	-38.0	110.3	503	0.0	33.8	-9.4	71.6	77.4	50.0	43.5	17.0	17.0	4.3
20:11:00	29 47.5	-93 45.7	301.6	304.6	458	503	34.2	-7.5	-1.6	70.7	75.7	0.0	205.5	262.7	1.7	110.3

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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
20:11:30	29 53.7	-93 46.4	-107.7	4.9	107.8	7162*	273.3	2.4*	-0.8	954.5	66.6	30.7	25.0	-16.9	-18.9	0.0
20:11:30	29 47.6	-93 46.9	-108.1	2.9	108.1	502	273.4	2.3*	-0.9	959.0	66.8	31.0	25.2	14.5	14.5	0.0
20:11:30	29 47.5	-93 47.7	-108.5	3.1	108.6	512	0.0	30.4	-9.9	68.4	74.1	50.0	43.8	16.8	16.8	4.3
20:11:30	29 47.5	-93 47.7	301.8	304.8	462	506	30.7	-7.3	-2.0	67.2	72.1	0.0	200.6	7.9	0.7	107.7
20:12:00	29 53.7	-93 48.4	-108.2	4.2	108.2	7043*	273.2	2.8	-1.1	955.3	66.8	30.5	24.9	-16.9	-18.9	0.0
20:12:00	29 47.6	-93 48.9	-108.6	2.2	108.6	499	273.2	2.6	-1.2	959.3	67.1	30.9	25.1	14.7	14.7	0.0
20:12:00	29 47.5	-93 49.8	-109.0	2.5	109.0	505	0.0	23.4	-13.0	68.4	73.6	50.0	43.8	16.9	16.9	4.3
20:12:00	29 47.

A/C 43, Flgt 060831I, Micro99 date 2006/08/31, Proj acdata Run on Sat Sep 2 17:51:49 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:16:30	29 54.4	-94 7.5	-117.5	7.2	117.7	6494*	273.5	2.1	-0.6	954.8	80.6	32.1	25.3	-16.9	-18.8	0.0
20:16:30	29 48.0	-94 8.1	-118.0	5.0	118.1	499	273.5	1.9	-0.7	959.6	80.9	32.3	25.3	14.8	14.8	0.0
20:16:30	29 47.9	-94 9.1	-118.2	5.3	118.3	502	0.0	25.2	-16.8	82.0	88.2	50.0	42.6	17.3	17.3	4.2
20:16:30	29 47.9	-94 9.0	302.0	305.0	456	506	33.4	-7.8	-2.0	81.3	85.5	0.0	220.3	225.1	0.8	118.3
20:17:00	29 54.6	-94 9.7	-116.8	7.2	117.0	6496*	273.9	2.1	-0.8	955.2	77.7	32.0	25.5	-16.9	-18.9	0.0
20:17:00	29 48.1	-94 10.3	-117.3	5.0	117.4	497	274.3	1.9	-0.9	959.7	77.9	32.3	25.6	14.7	14.7	0.0
20:17:00	29 48.0	-94 11.3	-117.5	5.2	117.6	502	0.0	21.6	-17.6	78.8	85.1	50.0	42.9	17.1	17.1	4.2
20:17:00	29 48.0	-94 11.2	302.2	305.2	456	505	35.6	-11.5	-3.5	78.3	82.5	0.0	216.3	122.0	1.0	116.2
20:17:30	29 54.7	-94 11.9	-117.2	7.5	117.4	7059*	274.3	2.1	-1.8	955.3	79.2	32.2	25.6	-16.9	-18.8	0.0
20:17:30	29 48.2	-94 12.5	-117.6	5.2	117.7	494	274.4	2.0	-1.9	959.9	79.4	32.5	25.7	14.6	14.6	0.0
20:17:30	29 48.1	-94 13.4	-117.8	5.5	117.9	499	0.0	22.2	-17.9	80.3	86.8	50.0	42.7	17.2	17.2	4.2
20:17:30	29 48.1	-94 13.4	302.3	305.3	454	504	35.7	-12.9	-3.9	79.8	83.8	0.0	218.3	75.6	0.2	117.3
20:18:00	29 54.8	-94 14.1	-116.8	7.6	117.0	6488*	273.8	1.4	-0.8	954.8	78.3	32.0	25.4	-16.9	-18.9	0.0
20:18:00	29 48.3	-94 14.7	-117.2	5.3	117.4	504	273.8	1.4	-0.9	959.3	78.6	32.3	25.5	14.9	14.9	0.0
20:18:00	29 48.2	-94 15.6	-117.4	5.6	117.6	504	0.0	21.0	-17.9	79.5	85.7	50.0	42.8	17.2	17.2	4.2
20:18:00	29 48.2	-94 15.6	302.2	305.2	459	509	34.4	-11.4	-3.4	79.0	82.8	0.0	217.2	160.5	1.0	116.7
20:18:30	29 54.9	-94 16.3	-117.5	7.6	117.7	6035*	273.4	1.8	-0.5	955.1	79.9	32.2	25.5	-16.9	-18.9	0.0
20:18:30	29 48.3	-94 16.9	-117.9	5.4	118.1	502	273.5	1.7	-0.6	959.7	80.1	32.5	25.6	14.6	14.6	0.0
20:18:30	29 48.3	-94 17.8	-118.1	5.6	118.2	499	0.0	20.8	-18.7	81.4	87.4	50.0	42.7	17.3	17.3	4.2
20:18:30	29 48.3	-94 17.8	302.2	305.3	455	504	32.5	-6.5	-1.6	80.5	84.9	0.0	219.3	186.5	0.9	117.8
20:19:00	29 55.0	-94 18.4	-117.1	6.7	117.3	6476*	273.4	1.6	-0.3	954.6	78.5	32.4	25.8	-16.9	-18.9	0.0
20:19:00	29 48.4	-94 19.1	-117.5	4.4	117.6	498	273.8	1.5	-0.4	959.2	78.8	32.7	25.9	14.7	14.7	0.0
20:19:00	29 48.4	-94 20.0	-117.6	4.7	117.7	506	0.0	22.3	-17.5	80.1	86.0	50.0	42.8	16.3	16.3	4.1
20:19:00	29 48.4	-94 20.0	302.6	305.6	460	509	33.8	-6.0	-1.6	79.2	84.0	0.0	217.5	110.2	0.4	116.9
20:19:30	29 55.1	-94 20.6	-116.7	6.8	116.9	6817*	273.4	2.5	-0.8	955.2	77.3	32.1	25.6	-16.9	-18.8	0.0
20:19:30	29 48.5	-94 21.3	-117.1	4.5	117.2	493	273.5	2.4	-0.9	959.7	77.6	32.4	25.7	14.5	14.5	0.0
20:19:30	29 48.4	-94 22.2	-117.2	4.7	117.3	500	0.0	22.5	-16.9	78.4	84.7	50.0	42.9	17.1	17.1	4.1
20:19:30	29 48.4	-94 22.2	302.3	305.4	456	505	34.9	-13.4	-3.9	77.9	81.9	0.0	215.8	148.7	1.6	115.9
20:20:00	29 55.3	-94 22.8	-116.1	4.3	116.2	7153*	272.0	2.7	-2.9	955.5	77.7	32.2	25.6	-16.9	-18.9	0.0
20:20:00	29 48.6	-94 23.4	-116.6	2.0	116.6	489	272.1	2.6	-3.0	959.9	77.9	32.4	25.7	14.8	14.8	0.0
20:20:00	29 48.5	-94 24.4	-116.7	2.1	116.7	498	0.0	22.9	-16.9	78.8	85.1	50.0	42.9	17.3	17.3	4.1
20:20:00	29 48.5	-94 24.3	302.3	305.4	454	504	37.9	-13.2	-4.0	78.3	81.9	0.0	216.3	181.4	1.4	116.2
20:20:30	29 55.3	-94 24.9	-116.3	1.4	116.3	6694*	270.8	2.2	-1.1	955.3	79.7	32.3	25.6	-16.9	-18.9	0.0
20:20:30	29 48.6	-94 25.6	-116.8	-0.9	116.8	496	270.8	2.0	-1.2	959.9	80.0	32.6	25.7	14.9	14.9	0.0
20:20:30	29 48.5	-94 26.5	-116.9	-0.6	116.9	497	0.0	23.5	-17.4	81.0	87.4	50.0	42.7	17.3	17.3	4.1
20:20:30	29 48.5	-94 26.5	302.3	305.3	454	503	37.8	-10.9	-3.1	80.4	84.8	0.0	219.1	239.2	1.6	117.7
20:21:00	29 55.3	-94 27.1	-116.4	1.3	116.4	6511*	270.3	1.6	-0.8	954.4	77.8	32.2	25.7	-16.9	-18.8	0.0
20:21:00	29 48.6	-94 27.8	-116.9	-1.0	116.9	499	270.7	1.4	-0.9	958.9	78.1	32.5	25.8	15.1	15.1	0.0
20:21:00	29 48.5	-94 28.7	-116.9	-0.7	116.9	506	0.0	17.1	-19.6	79.5	85.1	50.0	42.8	17.1	17.1	4.1
20:21:00	29 48.5	-94 28.7	302.4	305.5	462	512	34.2	-4.0	-0.7	78.4	82.5	0.0	216.5	177.2	0.5	116.4

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:21:30	29 55.4	-94 29.3	-115.9	2.9	115.9	6873*	269.9	2.5	-0.5	954.8	74.8	31.9	25.6	-16.9	-18.9	0.0
20:21:30	29 48.5	-94 29.9	-116.4	0.6	116.4	495	270.0	2.4	-0.6	959.4	75.1	32.2	25.7	15.2	15.2	0.0
20:21:30	29 48.5	-94 30.9	-116.2	0.7	116.2	502	0.0	23.7	-15.6	76.6	82.0	50.0	43.1	17.7	17.7	4.2
20:21:30	29 48.5	-94 30.8	302.3	305.3	458	507	35.1	-2.9	-0.4	75.5	79.5	0.0	212.4	148.5	3.4	114.1
20:22:00	29 55.4	-94 31.4	-116.9	3.2	116.9	6870*	271.9	2.3	-1.0	955.5	75.1	32.1	25.8	-16.9	-18.9	0.0
20:22:00	29 48.6	-94 32.1	-117.4	0.9	117.4	491	271.9	2.2	-1.1	959.9	75.3	32.4	25.9	14.0	14.0	0.0
20:22:00	29 48.5	-94 33.1	-117.4	1.2	117.4	499	0.0	23.5	-15.7	76.4	82.4	50.0	43.1	16.5	16.5	4.1
20:22:00	29 48.5	-94 33.0	302.5	305.5	454	502	34.4	-10.4	-2.9	75.7	79.7	0.0	212.7	100.7	2.6	114.3
20:22:30	29 55.5	-94 33.6	-118.4	3.8	118.5	7267*	271.9	1.2	-1.3*	954.6	79.4	32.4	25.7	-16.9	-18.9	0.0
20:22:30	29 48.6	-94 34.3	-118.9	1.5	118.9	499	272.0	1.1	-1.5*	963.7*	79.7	32.6	25.8	15.0	15.0	0.0
20:22:30	29 48.6	-94 35.2	-118.9	1.7	118.9	505	0.0	15.8	-20.7	81.2	86.8	50.0	42.7	17.3	17.3	4.1
20:22:30	29 48.6	-94 35.2	302.1	305.1	421*	511	33.8	-3.8	-0.7	80.1	84.3	0.0	218.7	72.6	1.3	117.3
20:23:00	29 55.5	-94 35.8	-118.8	4.1	118.8	6592*	272.0	2.2	-0.9	955.1	79.1	32.5	25.9	-16.9	-18.9	0.0
20:23:00	29 48.6	-94 36.5	-119.2	1.8	119.3	493	272.4	2.1	-1.1	959.8	79.3	32.8	26.0	14.4	14.4	0.0
20:23:00	29 48.6	-94 37.5	-119.2	2.1	119.2	500	0.0	23.6	-17.1	80.7	86.6	50.0	42.7	17.2	17.2	4.1
20:23:00	29 48.6	-94 37.4	302.6	305.6	455	506	38.9	-5.1	-1.1	79.8	84.1	0.0	218.2	94.7	1.6	117.3
20:23:30	29 55.6	-94 38.0	-118.9	3.8	119.0	7854*	272.4	1.2	-0.7	954.6	79.5	32.7	26.0	-16.9	-18.9	0.0
20:23:30	29 48.6	-94 38.7	-119.4	1.5	119.4	502	272.4	1.1	-0.9	959.2	79.8	32.9	26.0	14.1	14.1	0.0
20:23:30	29 48.6	-94 39.7	-119.3	1.7	119.3	499	0.0	18.3	-19.6	80.9	87.0	50.0	42.7	16.6	16.6	4.1
20:23:30	29 48.6	-94 39.6	302.7	305.8	460	511	33.2	-8.6	-2.2	80.1	84.9	0.0	218.8	76.4	1.4	117.6
20:24:00	29 55.7	-94 40.2	-116.5	4.7	116.6	6293*	272.9	1.9	-1.4	954.9	76.5	32.3	25.8	-16.9	-18.9	0.0
20:24:00	29 48.7	-94 40.9	-117.0	2.4	117.0	501	272.9	1.8	-1.5	959.3	76.8	32.5	25.9	14.7	14.7	0.0
20:24:00	29 48.7	-94 41.9	-116.8	2.8	116.9	494	0.0	19.8	-17.9	78.1	83.8	50.0	43.0	17.2	17.2	4.1
20:24:00	29 48.7	-94 41.8	302.6	305.6	459	509	33.0	-6.0	-1.4	77.1	81.4	0.0	214.7	55.1	1.4	115.4
20:24:30	29 55.7	-94 42.4	-114.3	4.7	114.4	7581*	272.3	2.0	-0.5*	955.2	71.0	31.9	25.9	-16.9	-18.8	0.0
20:24:30	29 48.7	-94 43.1	-114.8	2.4	114.8	502	272.4	1.8	-0.6*	959.7	71.3	32.2	26.0	15.1	15.1	0.0
20:24:30	29 48.7	-94 44.0	-114.7	2.8	114.7	493	0.0	22.0	-15.0	72.2	78.0	50.0	43.4	17.4	17.4	4.1
20:24:30	29 48.7	-94 44.0	302.6	305.6	456	508	39.4	-12.0	-3.2	71.7	74.9	0.0	207.1	118.3	3.4	111.3
20:25:00	29 55.8	-94 44.5	-112.6	5.9	112.7	6776*	273.1	2.6	-1.4*	955.8	71.0	31.7	25.7	-16.9	-18.9	0.0
20:25:00	29 48.7	-94 45.2	-113.1	3.6	113.1	495	273.5	2.5	-1.5*	960.0	71.2	32.0	25.8	14.8	14.8	0.0
20:25:00	29 48.7	-94 46.2	-112.9	3.8	113.0	491	0.0	28.2	-12.2	72.1	78.2	50.0	43.4	17.1	17.1	4.1
20:25:00	29 48.7	-94 46.1	302.4	305.4	453	503	33.5	-13.6	-4.0	71.7	75.9	0.0	207.0	136.7	2.1	111.2
20:25:30	29 55.9	-94 46.6	-110.8	5.2	111.0	6322*	272.7	2.9	-1.1	955.8	68.5	31.5	25.7	-16.9	-18.8	0.0
20:25:30	29 48.8	-94 47.3	-111.3	2.9	111.4	490	272.8	2.8	-1.2	959.9	68.8	31.8	25.9	14.3	14.3	0.0
20:25:30	29 48.8	-94 48.2	-111.1	3.2	111.2	493	0.0	25.9	-12.4	70.0	75.6	50.0	43.7	16.6	16.6	4.1
20:25:30	29 48.8	-94 48.2	302.4	305.5	454	503	33.3	-7.6	-2.0	69.2	73.1	0.0	203.5	109.0	1.7	109.3
20:26:00	29 56.0	-94 48.6	-108.8	5.2	109.0	6174*	272.4	3.0	-0.5	955.3	65.5	31.5	25.9	-16.9	-18.9	0.0
20:26:00	29 48.8	-94 49.3	-109.3	2.9	109.4	493	272.4	2.8	-0.6	959.5	65.7	31.8	26.1	14.8	14.8	0.0
20:26:00	29 48.8	-94 50.3	-109.1	3.2	109.2	496	0.0	29.3	-9.8	67.1	72.4	50.0	43.9	17.2	17.2	4.1
20:26:00	29 48.8	-94 50.2	302.6	305.6	457	506	33.6	-7.4	-1.9	66.1	70.1	0.0	199.0	127.0	2.4	107.0

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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
20:26:30	29 56.1	-94 50.7	-110.7	5.2	110.8	6814*	272.5	2.5	-1.2	955.4	66.9	31.7	26.0	-16.9	-18.9	0.0
20:26:30	29 48.9	-94 51.4	-111.2	3.0	111.2	488	272.6	2.3	-1.3	959.5	67.2	32.0	26.2	14.3	14.3	0.0
20:26:30	29 48.9	-94 52.3	-111.0	3.2	111.0	499	0.0	28.4	-10.7	68.3	73.9	50.0	43.8	16.7	16.7	4.0
20:26:30	29 48.9	-94 52.3	302.7	305.8	457	506	34.8	-9.5	-2.7	67.6	71.3	0.0	201.1	118.6	3.0	108.1
20:27:00	29 56.1	-94 52.7	-109.7	5.6	109.9	6722*	271.7	3.0	-0.5	955.5	65.9	31.5	25.9	-16.9	-18.9	0.0
20:27:00	29 48.9	-94 53.4	-110.2	3.3	110.3	491	272.0	2.9	-0.6	959.5	66.1	31.9	26.1	14.3	14.3	0.0
20:27:00	29 48.9	-94 54.4	-110.0	3.6	110.0	496	0.0	27.7	-10.7	67.2	72.8	50.0	43.9	16.6	16.6	4.1
20:27:00	29 48.9	-94 54.3	302.6	305.7	457	505	37.6	-10.7	-3.0	66.5	70.1	0.0	199.6	147.0	4.5	107.3
20:27:30	29 56.2	-94 54.8	-112.9	2.6	112.9	7001*	270.7	1.9	-3.2	955.2	71.4	32.2	26.1	-16.9	-18.9	0.0
20:27:30	29 49.0	-94 55.5	-113.4	0.4	113.4	492	270.7	1.8	-3.4	959.3	71.7	32.5	26.3	14.4	14.4	0.0
20:27:30	29 49.0	-94 56.5	-113.2	0.5	113.2	496	0.0	23.4	-14.6	72.6	78.5	50.0	43.4	17.4	17.4	4.0
20:27:30	29 49.0	-94 56.4	302.9	305.9	459	507	36.7	-11.2	-3.1	72.0	76.0	0.0	207.6	152.3	2.7	111.7
20:28:00	29 56.2	-94 56.9	-113.1	-3.1	113.1	6733*	267.6	2.3	-3.1*	955.0	69.0	32.2	26.3	-16.9	-18.9	0.0
20:28:00	29 48.9	-94 57.6	-113.6	-5.3	113.7	494	267.7	2.2	-3.2*	959.0	69.3	32.5	26.5	15.2	15.2	0.0
20:28:00	29 49.0	-94 58.6	-113.3	-5.1	113.5	503	0.0	21.5	-14.5	70.5	76.0	50.0	43.6	17.7	17.7	4.0
20:28:00	29 49.0	-94 58.5	303.1	306.1	462	510	39.3	-9.1	-2.5	69.7	73.4	0.0	204.2	123.1	3.9	109.9
20:28:30	29 56.1	-94 59.0	-114.4	-6.1	114.5	6605*	266.8	2.7	-1.1*	955.6	70.0	32.2	26.3	-16.9	-18.9	0.0
20:28:30	29 48.8	-94 59.8	-114.9	-8.3	115.2	487	266.8	2.6	-1.2*	960.0	70.2	32.5	26.4	14.3	14.3	0.0
20:28:30	29 48.8	-95 0.7	-114.6	-8.1	114.9	491	0.0	28.0	-11.8	71.1	77.0	50.0	43.5	16.9	16.9	4.0
20:28:30	29 48.8	-95 0.6	303.0	306.0	453	502	38.4	-12.7	-3.5	70.5	74.4	0.0	205.6	111.6	4.4	110.5
20:29:00	29 56.0	-95 1.2	-114.9	-6.3	115.1	7456*	266.5	2.5	-0.7*	955.5	72.3	32.3	26.2	-16.9	-18.9	0.0
20:29:00	29 48.7	-95 1.9	-115.5	-8.4	115.8	486	266.9	2.4	-0.9*	972.4	72.6	32.6	26.4	14.3	14.3	0.0
20:29:00	29 48.7	-95 2.8	-115.1	-8.3	115.4	493	0.0	26.0	-13.6	73.5	79.6	50.0	43.4	17.4	17.4	4.0
20:29:00	29 48.7	-95 2.8	301.8	304.8	346	503	35.2	-12.0	-3.6	73.0	77.1	0.0	208.9	118.5	4.1	111.6
20:29:30	29 55.9	-95 3.3	-117.1	-5.2	117.2	6816	266.2	2.1	0.3*	955.3	72.5	32.5	26.3	-16.9	-18.9	0.0
20:29:30	29 48.6	-95 4.1	-117.6	-7.3	117.9	497	266.3	2.0	0.2*	959.7	72.8	32.8	26.5	14.2	14.2	0.0
20:29:30	29 48.6	-95 5.0	-117.3	-7.2	117.5	493	0.0	24.6	-14.3	73.9	79.7	50.0	43.3	16.8	16.8	4.0
20:29:30	29 48.6	-95 4.9	303.0	306.1	456	503	31.2	-8.7	-2.2	73.2	77.3	0.0	209.2	122.0	5.8	112.5
20:30:00	29 55.9	-95 5.5	-117.3	-5.5	117.4	6706*	266.7	2.5	-1.0	955.3	76.2	32.8	26.4	-16.9	-18.9	0.0
20:30:00	29 48.4	-95 6.3	-117.8	-7.6	118.1	487	266.7	2.4	-1.1	959.8	76.4	33.1	26.5	14.5	14.5	0.0
20:30:00	29 48.5	-95 7.2	-117.5	-7.5	117.7	494	0.0	23.9	-15.9	77.5	83.6	50.0	43.0	17.2	17.2	4.0
20:30:00	29 48.5	-95 7.1	303.1	306.2	455	503	35.4	-9.7	-2.7	76.9	81.0	0.0	214.3	131.5	3.0	115.3
20:30:30	29 55.8	-95 7.7	-116.2	-7.2	116.4	6755*	267.4	2.3	-2.1*	955.2	74.7	33.2	26.8	-16.9	-18.9	0.0
20:30:30	29 48.3	-95 8.4	-116.7	-9.3	117.1	491	267.4	2.2	-2.2*	959.6	75.0	33.5	27.0	14.7	14.7	0.0
20:30:30	29 48.3	-95 9.4	-116.3	-9.1	116.7	498	0.0	24.0	-15.3	75.9	82.0	50.0	43.1	17.2	17.2	3.8
20:30:30	29 48.3	-95 9.3	303.6	306.6	457	504	38.5	-12.4	-3.7	75.3	79.8	0.0	212.3	71.3	2.2	114.3
20:31:00	29 55.7	-95 9.9	-118.2	-5.3	118.3	7300*	266.0	1.9	-0.3	955.1	77.3	33.8	27.3	-16.9	-18.9	0.0
20:31:00	29 48.2	-95 10.6	-118.7	-7.4	119.0	488	266.4	1.8	-0.5	959.7	77.6	34.1	27.4	14.0	14.0	0.0
20:31:00	29 48.2	-95 11.5	-118.3	-7.2	118.6	493	0.0	24.6	-16.0	78.6	84.9	50.0	42.9	16.9	16.9	3.8
20:31:00	29 48.2	-95 11.5	304.0	307.0	455	504	36.8	-11.1	-3.0	78.0	82.2	0.0	215.9	149.7	4.6	116.3

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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
20:31:30	29 55.6	-95 12.1	-118.3	-6.4	118.4	7422*	267.0	2.4*	-1.3	955.1	78.4	34.1	27.4	-16.9	-18.8	0.0
20:31:30	29 48.0	-95 12.8	-118.8	-8.4	119.1	485	267.1	2.2*	-1.4	960.1	78.6	34.4	27.5	14.1	14.1	0.0
20:31:30	29 48.1	-95 13.7	-118.3	-8.2	118.6	489	0.0	34.4	-11.6	79.8	86.2	50.0	42.8	16.8	16.8	3.7
20:31:30	29 48.1	-95 13.7	304.1	307.2	452	500	36.4	-8.5	-2.1	79.1	83.1	0.0	217.3	104.1	1.4	117.1
20:32:00	29 55.5	-95 14.2	-117.1	-1.2	117.1	6862*	269.1	2.6	0.5	955.5	74.1	33.8	27.6	-16.9	-18.9	0.0
20:32:00	29 47.9	-95 15.0	-117.6	-3.2	117.7	483	269.1	2.5	0.4	974.1*	74.4	34.1	27.7	13.3	13.3	0.0
20:32:00	29 48.0	-95 15.9	-117.2	-3.1	117.3	492	0.0	22.3	-16.0	75.4	81.4	50.0	43.3	16.6	16.6	3.7
20:32:00	29 48.

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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
20:36:30	29 55.9	-95 34.1	-119.8	4.7	119.9	6789*	271.9	2.1	-1.6	955.7	78.0	34.8	28.3	-16.9	-18.9	0.0
20:36:30	29 48.1	-95 35.0	-120.2	3.0	120.3	464	271.9	2.0	-1.7	967.6	78.3	35.1	28.4	13.7	13.7	0.0
20:36:30	29 48.1	-95 35.8	-119.7	3.1	119.7	485	0.0	21.6	-17.7	79.4	85.5	50.0	42.9	16.9	16.9	3.5
20:36:30	29 48.1	-95 35.7	304.3	307.3	387	496	38.4	-9.2	-2.5	78.7	82.5	0.0	216.8	115.0	3.6	116.5
20:37:00	29 55.9	-95 36.3	-118.0	4.0	118.1	7290*	271.0	1.9	-0.3	954.8	74.4	34.6	28.3	-16.9	-18.8	0.0
20:37:00	29 48.1	-95 37.2	-118.5	2.3	118.5	476	271.4	1.7	-0.5	961.1	74.7	34.9	28.4	13.8	13.8	0.0
20:37:00	29 48.1	-95 38.0	-117.9	2.4	118.0	495	0.0	20.5	-16.9	75.7	81.6	50.0	43.1	16.7	16.7	3.5
20:37:00	29 48.1	-95 37.9	304.9	307.9	443	507	32.9	-9.6	-2.7	75.0	78.9	0.0	211.8	126.8	4.8	114.2
20:37:30	29 56.0	-95 38.5	-118.5	4.1	118.6	6935*	271.7	2.2	-0.7	955.2	75.3	34.6	28.2	-16.9	-18.9	0.0
20:37:30	29 48.1	-95 39.4	-119.0	2.5	119.0	466	271.8	2.1	-0.9	964.1*	75.6	34.9	28.3	13.9	13.9	0.0
20:37:30	29 48.2	-95 40.2	-118.4	2.4	118.5	493	0.0	24.2	-15.6	76.9	82.7	50.0	43.1	17.2	17.2	3.5
20:37:30	29 48.2	-95 40.0	304.5	307.6	417*	502	32.2	-5.8	-1.5	76.1	80.4	0.0	213.1	103.9	4.0	114.7
20:38:00	29 56.1	-95 40.7	-117.3	4.0	117.4	6530*	271.6	2.5	-1.6*	955.3	75.2	34.7	28.3	-16.9	-18.9	0.0
20:38:00	29 48.2	-95 41.6	-117.8	2.4	117.8	465	271.6	2.4	-1.7*	961.6*	75.4	35.0	28.4	14.1	14.1	0.0
20:38:00	29 48.2	-95 42.4	-117.3	2.5	117.3	490	0.0	20.3	-17.2	76.5	82.4	50.0	43.1	17.5	17.5	3.5
20:38:00	29 48.2	-95 42.3	304.8	307.9	439*	502	36.7	-9.7	-2.7	75.8	79.5	0.0	212.9	123.4	3.1	114.8
20:38:30	29 56.2	-95 42.9	-116.0	3.8	116.1	7037*	271.8	2.5	-1.5*	955.7	71.9	34.5	28.4	-16.9	-18.8	0.0
20:38:30	29 48.2	-95 43.8	-116.5	2.3	116.5	453	271.8	2.3	-1.5*	965.0	72.1	34.8	28.5	15.0	15.0	0.0
20:38:30	29 48.3	-95 44.5	-115.9	2.2	115.9	486	0.0	27.8	-12.6	72.9	79.3	50.0	43.4	18.2	18.2	3.5
20:38:30	29 48.3	-95 44.5	304.6	307.7	409	498	35.4	-14.5	-4.5	72.5	75.8	0.0	208.3	118.0	4.5	112.1
20:39:00	29 56.2	-95 45.1	-116.5	4.7	116.6	6412*	271.4	1.7	-0.6	954.9	71.6	34.5	28.4	-16.9	-18.9	0.0
20:39:00	29 48.3	-95 46.0	-116.9	3.2	117.0	460	271.8	1.6	-0.7	959.1*	71.9	34.8	28.5	15.5	15.5	0.0
20:39:00	29 48.3	-95 46.7	-116.3	3.2	116.4	493	0.0	17.3	-17.5	73.4	78.6	50.0	43.4	18.8	18.8	3.5
20:39:00	29 48.3	-95 46.7	305.2	308.3	461*	506	36.5	-3.4	-0.6	72.2	76.3	0.0	207.9	112.9	4.6	112.3
20:39:30	29 56.3	-95 47.2	-115.7	3.7	115.8	7123*	271.5	3.4	-1.2	955.8	72.8	34.4	28.2	-16.9	-18.9	0.0
20:39:30	29 48.3	-95 48.1	-116.2	2.2	116.2	447	271.6	3.3	-1.3	964.5*	73.0	34.7	28.4	15.5	15.5	0.0
20:39:30	29 48.4	-95 48.9	-115.6	2.2	115.6	484	0.0	24.0	-14.8	74.1	80.0	50.0	43.3	18.5	18.5	3.5
20:39:30	29 48.4	-95 48.8	304.5	307.6	414*	497	34.9	-10.6	-3.0	73.4	76.9	0.0	209.6	120.7	3.4	112.8
20:40:00	29 56.3	-95 49.4	-116.3	3.3	116.3	6712*	271.9*	1.3	-1.4	955.2	70.4	34.5	28.7	-16.9	-18.9	0.0
20:40:00	29 48.3	-95 50.3	-116.8	1.8	116.8	455	271.9*	1.2	-1.5	991.1*	70.7	34.8	28.9	16.0	16.0	0.0
20:40:00	29 48.4	-95 51.0	-116.2	1.9	116.2	492	0.0	21.3	-15.1	71.0	77.5	50.0	43.7	20.8	20.8	3.4
20:40:00	29 48.4	-95 51.0	302.6	305.6	186*	506	40.6	-20.8	-6.8	70.9	74.6	0.0	206.2	111.4	7.2	109.6
20:40:30	29 56.4	-95 51.6	-116.5	4.3	116.6	6347*	271.0	2.4	-0.9*	955.1	70.8	34.3	28.4	-16.9	-18.9	0.0
20:40:30	29 48.4	-95 52.5	-117.0	2.9	117.0	452	271.0	2.3	-1.0*	975.1*	71.1	34.6	28.5	16.0	16.0	0.0
20:40:30	29 48.4	-95 53.2	-116.5	3.0	116.5	490	0.0	19.2	-16.5	72.9	77.9	50.0	43.5	19.8	19.8	3.5
20:40:30	29 48.4	-95 53.2	303.7	306.7	322*	503	40.1	0.1	0.6	71.5	75.5	0.0	206.8	106.1	6.0	110.8
20:41:00	29 56.5	-95 53.7	-117.6	3.3	117.6	6950*	271.3	2.8	-2.3*	955.9	71.8	34.6	28.6	-16.9	-18.9	0.0
20:41:00	29 48.4	-95 54.6	-118.0	1.9	118.1	442	271.6	2.7	-2.4*	991.8*	72.1	34.9	28.8	16.1	16.1	0.0
20:41:00	29 48.5	-95 55.4	-117.4	1.9	117.5	482	0.0	24.6	-14.1	73.0	79.0	50.0	43.6	19.9	19.9	3.5
20:41:00	29 48.5	-95 55.3	302.5	305.5	180*	497	40.4	-12.2	-3.5	72.4	77.0	0.0	208.2	106.9	7.3	110.6

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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
20:41:30	29 56.5	-95 55.9	-116.9	3.1	116.9	7327*	271.9	2.4	-1.7	955.6	70.9	34.7	28.7	-16.9	-18.8	0.0
20:41:30	29 48.4	-95 56.8	-117.3	1.7	117.3	443	272.0	2.3	-1.8	969.3	71.2	35.0	28.8	15.6	15.6	0.0
20:41:30	29 48.5	-95 57.5	-116.7	1.7	116.7	488	0.0	24.2	-14.0	72.1	78.0	50.0	43.5	18.3	18.3	3.4
20:41:30	29 48.5	-95 57.5	304.5	307.6	372	499	39.5	-11.8	-3.5	71.5	75.3	0.0	206.9	97.1	5.8	111.2
20:42:00	29 56.1	-95 58.0	-84.7	-76.5	114.1	6850*	226.3*	3.2	-24.8	956.1	69.8	34.6	28.7	-16.9	-18.9	0.0
20:42:00	29 48.0	-95 58.9	-85.5	-77.9	115.6	457	226.2*	3.1	-25.0	971.4	70.0	34.9	28.8	15.2	15.2	0.0
20:42:00	29 48.1	-95 59.6	-84.5	-78.2	115.2	488	0.0	31.0	-10.6	71.0	77.0	50.0	43.6	19.0	19.0	3.4
20:42:00	29 48.1	-95 59.5	304.4	307.4	355	497	38.2	-12.5	-4.0	70.4	73.4	0.0	205.3	72.5	4.3	110.2
20:42:30	29 54.4	-95 58.6	-9.9	-111.5	112.0	5825*	184.7	2.5	-0.3	955.5	71.0	35.0	29.1	-16.9	-18.9	0.0
20:42:30	29 46.3	-95 59.6	-10.9	-113.2	113.7	456	184.7	2.4	-0.4	999.1	71.3	35.3	29.3	15.2	15.2	0.0
20:42:30	29 46.4	-96 0.2	-10.2	-113.2	113.7	488	0.0	24.4	-14.0	72.8	78.2	50.0	43.7	20.1	20.1	3.4
20:42:30	29 46.4	-96 0.2	302.3	305.3	118	497	40.5	-4.2	-0.8	71.7	75.2	0.0	207.1	25.6	2.4	109.7
20:43:00	29 52.6	-95 58.8	-1.5	-110.4	110.4	6616*	180.6	2.6*	-2.6*	955.1	67.1	35.0	29.2	-16.9	-18.9	0.0
20:43:00	29 44.5	-95 59.7	-2.4	-112.1	112.1	461	180.6	2.5	-2.6*	959.3	67.4	35.3	29.4	15.4	15.4	0.0
20:43:00	29 44.5	-96 0.4	-1.7	-112.1	112.1	490	0.0	30.2	-9.9	69.0	74.3	50.0	43.8	18.2	18.2	3.3
20:43:00	29 44.6	-96 0.4	306.0	309.1	459	501	29.5	-3.2	-0.6	67.9	72.1	0.0	201.5	3.5	1.5	108.9
20:43:30	29 50.8	-95 58.7	1.6	-115.0	115.0	7008*	179.5	1.3	-0.9	954.8	76.3	35.5	29.2	-16.9	-18.9	0.0
20:43:30	29 42.6	-95 59.7	0.7	-116.6	116.6	473	179.8	1.1	-1.0	981.8*	76.6	35.8	29.3	15.6	15.6	0.0
20:43:30	29 42.7	-96 0.4	1.3	-116.8	116.8	492	0.0	22.3	-16.7	77.9	83.7	50.0	43.1	18.7	18.7	3.3
20:43:30	29 42.7	-96 0.4	303.9	306.9	265*	502	34.5	-6.3	-1.5	77.0	81.3	0.0	214.5	329.3	0.4	114.7
20:44:00	29 48.9	-95 58.7	1.5	-115.1	115.1	6669*	179.6	2.0	-1.1	955.7	75.2	35.3	28.9	-16.9	-18.9	0.0
20:44:00	29 40.7	-95 59.7	0.5	-116.7	116.7	457	179.7	1.9	-1.2	960.2	75.5	35.6	29.1	15.3	15.3	0.0
20:44:00	29 40.8	-96 0.3	1.3	-116.8	116.8	481	0.0	24.3	-15.5	76.9	82.6	50.0	43.1	18.4	18.4	3.4
20:44:00	29 40.8	-96 0.3	305.6	308.7	451	495	39.2	-6.3	-1.6	76.0	80.4	0.0	212.9	290.1	0.4	115.0
20:44:30	29 47.1	-95 58.7	1.0	-114.1	114.1	6699*	178.9	1.9	-0.8	955.2	75.6	35.3	28.9	-16.9	-18.9	0.0
20:44:30	29 38.9	-95 59.7	0.1	-115.6	115.6	468	179.0	1.8	-0.9	960.5	75.9	35.6	29.0	16.7	16.7	0.0
20:44:30	29 38.9	-96 0.3	0.8	-115.7	115.7	486	0.0	17.3	-19.1	76.6	82.8	50.0	43.0	20.5	20.5	3.4
20:44:30	29 38.9	-96 0.3	305.5	308.6	449	503	37.1	-13.9	-4.0	76.2	80.7	0.0	213.5	112.0	3.1	115.3
20:45:00	29 45.2	-95 58.7	1.0	-114.0	114.0	6121*	178.6	1.9	-1.2	955.4	75.1	35.1	29.0	-16.9	-18.9	0.0
20:45:00	29 37.0	-95 59.7	0.1	-115.4	115.4	454	178.6	1.8	-1.3	1002.5*	75.4	35.4	29.1	16.2	16.2	0.0
20:45:00	29 37.0	-96 0.3	0.9	-115.5	115.5	487	0.0	19.1	-17.9	76.7	82.3	50.0	43.4	20.7	20.7	3.4
20:45:00	29 37.1	-96 0.3	301.9	304.9	90*	502	37.0	-5.4	-1.5	75.8	79.8	0.0	212.8	53.6	2.4	112.6
20:45:30	29 43.4	-95 58.7	0.6	-114.3	114.3	6106*	179.3	2.0	-0.6	955.3	73.4	35.0	28.8	-16.9	-18.8	0.0
20:45:30	29 35.1	-95 59.7	-0.3	-115.8	115.8	458	179.7	1.9	-0.7	975.7*	73.7	35.3	29.0	16.7	16.7	0.0
20:45:30	29 35.1	-96 0.3	0.3	-115.9	115.9	489	0.0	24.8	-14.8	74.4	80.7	50.0	43.3	20.2	20.2	3.4
20:45:30	29 35.2	-96 0.3	304.1	307.1	318*	502	34.6	-14.3	-4.4	74.0	78.3	0.0	210.5	58.4	3.1	112.8
20:46:00	29 41.5	-95 58.6	1.1	-113.7	113.7	6898*	179.3	2.4	-1.4	955.5	72.0	34.9	28.8	-16.9	-18.8	0.0
20:46:00	29 33.2	-95 59.7	0.2	-115.1	115.1	460	179.4	2.3	-1.6	973.6	72.3	35.2	29.0	16.1	16.1	0.0
20:46:00	29 33.3	-96 0.3	0.9	-115.2	115.2	490	0.0	24.4	-14.2	73.5	79.2	50.0	43.4	19.6	19.6	3.4
20:46:00	29 33.3	-96 0.3	304.3	307.3	336	501	39.5	-8.0	-2.1	72.7	76.6	0.0	208.5	23.9	2.1	111.8

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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
20:46:30	29 39.7	-95 58.6	1.1	-114.1	114.1	7114*	178.3	2.1	-0.4	955.1	76.3	34.8	28.6	-16.9	-18.9	0.0
20:46:30	29 31.4	-95 59.7	0.2	-115.5	115.5	463	178.3	2.0	-0.5	1002.3*	76.6	35.1	28.7	17.4	17.4	0.0
20:46:30	29 31.4	-96 0.3	0.8	-115.6	115.6	487	0.0	24.2	-15.7	77.3	83.7	50.0	43.3	22.3	22.3	3.5
20:46:30	29 31.4	-96 0.3	301.5	304.4	92*	504	32.4	-12.5	-3.5	76.9	81.0	0.0	214.5	77.5	3.9	113.4
20:47:00	29 37.9	-95 58.6	2.3	-113.3	113.4	6867	179.6	2.0	-1.5	954.8	76.5	34.6	28.3	-16.9	-18.9	0.0
20:47:00	29 29.5	-95 59.7	1.4	-114.7	114.7	469	179.6	1.8	-1.6	989.7*	76.8	34.9	28.4	17.8	17.8	0.0
20:47:00	29 29.5	-96 0.2	2.0	-114.8	114.8	490	0.0	20.4	-17.7	77.7	83.8	50.0	43.2	20.2	20.2	3.5
20:47:00	29 29.6	-96 0.2	302.3	305.3	198*	508	39.5	-12.2	-3.6	77.1	81.4	0.0	214.8	197.2	0.9	114.2
20:47:30	29 36.0	-95 58.5	2.1	-112.8	112.8	6857*	178.3	2.3	-0.9	955.5	74.6	34.5	28.3	-16.9	-18.8	0.0
20:47:30	29 27.7	-95 59.6	1.2	-114.1	114.1	462	178.7	2.2	-1.1	986.9*	74.9	34.8	28.4	18.1	18.1	0.0
20:47:30	29 27.7	-96 0.2	1.8	-114.1	114.2	488	0.0	26.6	-14.1	76.3	82.1	50.0	43.3	20.1	20.1	3.5
20:47:30	29 27.7	-96 0.2	302.6	305.6	222*	500	38.9	-4.9	-1.0	75.3	79.4	0.0	212.2	95.5	1.3	113.0
20:48:00	29 34.2	-95 58.2	58.6	-97.2	113.5	6998*	149.3*	2.4	-24.7	955.9	73.5	34.2	28.0	-16.9	-18.9	0.0
20:48:00	29 25.8	-95 59.4	57.8	-98.6	114.3	476	149.4*	2.3	-24.8	968.8	73.8	34.5	28.2	18.1	18.1	0.0
20:48:00	29 25.9	-95 59.9	58.8	-98.6	114.8	488	0.0	24.2	-14.9	74.2	80.7	50.0	43.3	20.3	20.3	3.6
20:48:00	29 25.9	-95 59.9	303.9	307.0	376	505	33.1	-15.6	-5.1	74.0	77.0	0.0	210.5	258.8	1.3	113.0
20:48:30	29 33.4	-95 56.5	113.6	-3.1	113.6	7102*	92.8	2.6	-1.2*	955.9	71.6	34.2	28.2	-16.9	-18.9	0.0
20:48:30	29 25.0	-95 57.6	113.2	-4.7	113.3	464	92.8	2.4	-1.3*	979.0*	71.9	34.5	28.4	17.7	17.7	0.0
20:48:30	29 25.0	-95 58.1	113.8	-3.8	113.9	481	0.0	23.6	-14.4	73.1	78.8	50.0	43.5	20.0	20.0	3.5
20:48:30	29 25.0	-95 58.2	303.2	306.2	289*	497	39.8	-8.3	-2.2	72.3	75.8	0.0	208.0	236.2	3.0	111.1
20:49:00	29 33.4	-95 54.4	113.1	-3.2	113.1	7136*	93.6	1.3	-0.5*	954.5	73.4	34.4	28.4	-16.9	-18.9	0.0
20:49:00	29 24.9	-95 55.5	112.7	-4.7	112.8	475	93.5	1.2	-0.6*	997.2*	73.6	34.8	28.6	17.3	17.3	0.0
20:49:00	29 24.9	-95 56.0	113.4	-4.6	113.5	502	0.0	23.0	-15.5	75.1	80.6	50.0	43.5	19.6	19.6	3.5
20:49:00	29 25.0	-95 56.1	301.8	304.8	135*	507	40.7	-5.2	-1.3	74.2	78.0	0.0	210.4	207.6	4.0	111.5
20:49:30	29 33.3	-95 52.3	115.0	-1.3	115.0	6707*	93.1	1.3	-0.8*	955.0	74.8	34.7	28.5	-16.9	-18.9	0.0
20:49:30	29 24.9	-95 53.4	114.6	-2.8	114.7	476	93.0	1.2	-1.0*	999.9	75.1	35.0	28.7	16.9	16.9	0.0
20:49:30	29 24.9	-95 53.9	115.3	-2.8	115.3	498	0.0	20.9	-16.8	76.2	82.0	50.0	43.4	19.4	19.4	3.5
20:49:30	29 24.9	-95 53.9	301.7	304.6	112	504	40.4	-9.9	-2.8	75.5	79.2	0.0	212.4	215.8	4.7	112.4
20:50:00	29 33.3	-95 50.1	117.3	-2.5	117.3	6769*	93.1	2.1	-2.7	955.7	76.9	35.0	28.7	-16.9	-18.8	0.0
20:50:00	29 24.8	-95 51.3	116.9	-4.0	117.0	463	93.5	1.9	-2.8	998.1*	77.2	35.3	28.9	16.9	16.9	0.0
20:50:00	29 24.8	-95 51.7	117.5	-4.2	117.5	497	0.0	23.7	-16.3	78.1	84.4	50.0	43.2	19.4	19.4	3.4
20:50:00	29 24.8	-95 51.8	302.1	305.0	127*	496	34.1	-11.9	-3.4	77.5	81.8	0.0	215.3	231.5	4.3	114.0
20:50:30	29 33.3	-95 47.9	115.9	0.1	115.9	6254*	93.1	2.0	-1.7	955.2	77.4	34.9	28.7	-16.9	-18.8	0.0
20:50:30	29 24.8	-95 49.1	115.6	-1.3	115.6	470	93.2	1.9	-1.9	1019.4*	77.7	35.2	28.9	16.3	16.3	0.0
20:50:30	29 24.8	-95 49.6	116.2	-1.3	116.2	502	0.0	20.5	-18.0	78.4	84.6	50.0	43.3	18.9	18.9	3.4
20:50:30	29 24.8	-95 49.6	300.2	303.1	-51*	501	40.7	-13.5	-4.1	78.0	81.9	0.0	215.9	209.6	5.6	113.2
20:51:00	29 33.3	-95 45.8	116.3	0.2	116.3	6915*	90.8	1.4	-0.5	954.8	77.0	35.0	28.6	-16.9	-18.9	0.0
20:51:00	29 24.7	-95 47.0	116.0	-1.2	116.0	476	90.8	1.3	-0.6	983.0	77.3	35.3	28.7	16.1	16.1	0.0
20:51:00	29 24.8	-95 47.4	116.5	-1.3	116.5	504	0.0	13.5	-20.9	78.4	84.1	50.0	43.1	18.8	18.8	3.5
20:51:00	29 24.8	-95 47.5	303.3	306.3	255	506	37.8	-8.7	-2.0	77.5	82.0	0.0	215.4	233.8	1.7	115.0

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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
20:51:30	29 33.3	-95 43.6	114.7	0.9	114.7	6595	91.5	2.2	-1.4*	955.0	78.3	34.9	28.4	-16.9	-18.9	0.0
20:51:30	29 24.7	-95 44.8	114.3	-0.5	114.4	477	91.5	2.1	-1.5	978.1*	78.6	35.2	28.5	16.1	16.1	0.0
20:51:30	29 24.7	-95 45.3	114.9	-0.7	114.9	504	0.0	17.7	-19.5	80.3	85.7	50.0	42.9	18.8	18.8	3.5
20:51:30	29 24.7	-95 45.3	303.5	306.5	297	501	39.8	-2.1	-0.1	78.9	83.4	0.0	217.2	161.5	4.5	116.2
20:52:00	29 33.3	-95 41.5	113.0	1.6	113.0	6870*	90.6	2.4	-0.2	955.1	69.2	34.3	28.6	-16.9	-18.9	0.0
20:52:00	29 24.7	-95 42.7	112.7	0.3	112.7	480	90.9	2.3	-0.4	1005.5*	69.5	34.6	28.8	15.9	15.9	0.0
20:52:00	29 24.7	-95 43.2	113.2	0.3	113.2	501	0.0	23.7	-13.6	70.4	76.1	50.0	43.9	18.3	18.3	3.5
20:52:00

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
20:56:30	29 33.4	-95 22.7	109.0	2.3	109.0	6683*	90.3	2.0	-1.6	955.2	65.3	32.8	27.5	-16.9	-18.9	0.0
20:56:30	29 24.7	-95 23.9	108.7	1.3	108.7	488	90.4	1.9	-1.7	1013.0*	65.6	33.1	27.7	16.4	16.4	0.0
20:56:30	29 24.7	-95 24.3	109.0	1.3	109.0	501	0.0	23.2	-12.6	66.2	72.0	50.0	44.2	18.7	18.7	3.7
20:56:30	29 24.7	-95 24.3	299.5	302.4	2	504	37.5	-14.4	-4.6	65.9	68.9	0.0	198.7	257.9	4.8	104.3
20:57:00	29 33.5	-95 20.6	109.4	1.7	109.4	7245*	89.4	2.8	-0.4	955.5	65.5	32.8	27.4	-16.9	-18.9	0.0
20:57:00	29 24.7	-95 21.9	109.2	0.6	109.2	487	89.4	2.7	-0.5	1007.7	65.8	33.1	27.6	15.7	15.7	0.0
20:57:00	29 24.7	-95 22.3	109.4	0.5	109.4	495	0.0	25.4	-11.7	67.3	72.5	50.0	44.2	18.2	18.2	3.7
20:57:00	29 24.7	-95 22.3	299.9	302.8	46	498	33.2	-3.7	-0.8	66.2	70.0	0.0	199.1	262.8	4.7	104.8
20:57:30	29 33.5	-95 18.6	110.2	2.2	110.3	6481*	90.0	2.8	-1.0	955.5	68.1	32.9	27.4	-16.9	-18.9	0.0
20:57:30	29 24.7	-95 19.9	110.0	1.2	110.0	486	90.0	2.6	-1.1	1005.2*	68.4	33.2	27.5	15.6	15.6	0.0
20:57:30	29 24.7	-95 20.2	110.2	1.1	110.2	494	0.0	25.0	-12.7	69.7	75.1	50.0	44.0	17.9	17.9	3.7
20:57:30	29 24.7	-95 20.3	300.1	303.0	67	499	31.7	-7.2	-1.9	68.8	72.9	0.0	202.9	243.3	3.8	106.9
20:58:00	29 33.5	-95 16.5	111.1	1.3	111.1	6449*	90.2	2.8	-0.2	955.8	67.6	32.7	27.3	-16.9	-18.9	0.0
20:58:00	29 24.7	-95 17.8	110.9	0.3	110.9	482	90.6	2.6	-0.4	1013.7	67.9	33.1	27.5	16.2	16.2	0.0
20:58:00	29 24.7	-95 18.2	111.1	0.2	111.1	495	0.0	24.3	-12.9	69.2	74.5	50.0	44.1	18.4	18.4	3.8
20:58:00	29 24.7	-95 18.2	299.3	302.1	-4*	496	34.6	-6.4	-1.6	68.3	71.5	0.0	202.1	257.1	5.2	106.0
20:58:30	29 33.6	-95 14.5	112.7	1.9	112.7	6827*	89.8	1.8	-0.7	955.2	70.6	33.1	27.4	-16.9	-18.9	0.0
20:58:30	29 24.7	-95 15.8	112.4	0.9	112.4	482	89.9	1.7	-0.9	1013.9	70.9	33.4	27.5	16.0	16.0	0.0
20:58:30	29 24.7	-95 16.1	112.6	0.7	112.6	499	0.0	25.5	-13.4	72.3	77.8	50.0	43.8	18.2	18.2	3.7
20:58:30	29 24.7	-95 16.1	299.3	302.2	-6*	500	39.1	-4.6	-1.0	71.4	75.1	0.0	206.5	251.1	4.6	108.3
20:59:00	29 33.6	-95 12.4	113.7	1.3	113.7	6540*	91.5	2.2	-1.6	955.5	72.6	32.9	27.0	-16.9	-18.9	0.0
20:59:00	29 24.7	-95 13.7	113.5	0.3	113.5	485	91.5	2.1	-1.7	1010.6	72.9	33.2	27.2	15.6	15.6	0.0
20:59:00	29 24.7	-95 14.0	113.5	0.3	113.5	490	0.0	22.0	-15.5	73.6	79.8	50.0	43.6	18.0	18.0	3.8
20:59:00	29 24.7	-95 14.0	299.3	302.2	22	499	37.5	-14.2	-4.4	73.2	77.1	0.0	209.3	236.7	4.5	109.9
20:59:30	29 33.6	-95 10.2	114.4	-0.6	114.4	6769*	90.2	2.5	-0.3	955.6	73.6	33.0	27.0	-16.9	-18.9	0.0
20:59:30	29 24.7	-95 11.6	114.2	-1.5	114.2	482	90.1	2.4	-0.5	1010.0	73.9	33.3	27.2	15.3	15.3	0.0
20:59:30	29 24.7	-95 11.9	114.3	-1.7	114.3	492	0.0	22.6	-15.6	75.3	80.9	50.0	43.5	17.7	17.7	3.8
20:59:30	29 24.7	-95 11.9	299.3	302.2	27	495	36.7	-3.8	-0.6	74.3	78.1	0.0	210.7	273.9	3.7	110.7
21:00:00	29 33.6	-95 8.1	114.6	0.2	114.6	5671*	90.5	2.3	-1.6*	955.3	74.6	32.9	26.8	-16.9	-18.9	0.0
21:00:00	29 24.7	-95 9.4	114.4	-0.7	114.4	490	90.9	2.1	-1.8*	1011.5	74.9	33.2	27.0	15.3	15.3	0.0
21:00:00	29 24.7	-95 9.8	114.4	-0.8	114.4	489	0.0	23.3	-15.6	75.5	81.9	50.0	43.5	17.5	17.5	3.9
21:00:00	29 24.7	-95 9.8	299.0	301.9	15	500	35.5	-15.1	-4.5	75.2	79.0	0.0	212.1	278.6	3.3	111.3
21:00:30	29 33.6	-95 6.0	113.4	1.9	113.4	6244*	90.4	2.4	-1.3	955.3	72.2	32.6	26.8	-16.9	-18.8	0.1
21:00:30	29 24.7	-95 7.3	113.2	1.0	113.2	490	90.4	2.3	-1.4	1011.2	72.4	32.9	26.9	15.2	15.2	0.0
21:00:30	29 24.7	-95 7.7	113.1	0.9	113.1	491	0.0	22.4	-15.3	73.2	79.3	50.0	43.7	17.6	17.6	3.9
21:00:30	29 24.7	-95 7.7	299.0	301.8	17	501	36.1	-14.5	-4.4	72.8	76.5	0.0	208.7	257.8	3.9	109.5
21:01:00	29 33.6	-95 3.9	113.4	2.0	113.4	6990*	89.3	1.5	-0.2	954.9	72.0	32.6	26.8	-16.9	-18.9	0.0
21:01:00	29 24.7	-95 5.2	113.2	1.1	113.2	491	89.3	1.4	-0.3	1012.9	72.3	32.9	27.0	14.9	14.9	0.0
21:01:00	29 24.7	-95 5.6	113.2	0.9	113.2	483	0.0	21.5	-15.6	73.9	79.2	50.0	43.7	17.6	17.6	3.9
21:01:00	29 24.7	-95 5.6	298.8	301.7	3	501	35.9	-2.5	-0.4	72.8	76.9	0.0	208.5	256.5	4.2	109.3

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:01:30	29 33.7	-95 1.8	114.2	1.2	114.2	7666*	90.2	2.1	-1.3	955.3	73.7	32.6	26.6	-16.9	-18.9	0.0
21:01:30	29 24.8	-95 3.1	114.0	0.3	114.0	491	90.1	2.0	-1.4	1008.6	74.0	32.9	26.8	14.4	14.4	0.0
21:01:30	29 24.7	-95 3.5	114.0	0.2	114.0	483	0.0	23.0	-15.6	75.0	80.9	50.0	43.5	16.8	16.8	3.9
21:01:30	29 24.7	-95 3.5	299.0	301.9	39	498	31.5	-10.3	-2.8	74.4	78.2	0.0	210.8	261.6	3.5	110.7
21:02:00	29 33.7	-94 59.7	115.2	0.4	115.2	6058*	90.5	2.1	-1.3	955.3	75.5	32.6	26.5	-16.9	-18.9	0.0
21:02:00	29 24.7	-95 1.0	115.0	-0.5	115.0	493	90.9	1.9	-1.4	1010.8	75.8	32.9	26.7	13.1	13.1	0.0
21:02:00	29 24.7	-95 1.3	114.9	-0.6	114.9	487	0.0	21.2	-16.9	76.7	82.8	50.0	43.4	15.6	15.6	3.9
21:02:00	29 24.7	-95 1.4	298.8	301.7	20	499	33.5	-10.4	-3.0	76.1	80.1	0.0	213.3	262.7	3.3	111.9
21:02:30	29 33.7	-94 57.5	115.0	-0.4	115.0	6741*	90.4	2.2	-1.6	955.4	76.6	32.6	26.5	-16.9	-18.8	0.0
21:02:30	29 24.7	-94 58.9	114.8	-1.2	114.8	494	90.5	2.1	-1.8	1009.2*	76.9	32.9	26.6	11.4	11.4	0.0
21:02:30	29 24.7	-94 59.2	114.6	-1.3	114.6	490	0.0	23.2	-16.3	77.9	84.0	50.0	43.3	14.6	14.6	3.9
21:02:30	29 24.7	-94 59.3	298.8	301.7	33	497	35.8	-9.6	-2.6	77.3	81.0	0.0	214.9	277.5	2.2	112.8
21:03:00	29 33.7	-94 55.4	114.8	-1.9	114.8	6311*	89.4	1.9	-0.0	954.9	75.1	32.5	26.4	-16.9	-18.8	0.0
21:03:00	29 24.7	-94 56.8	114.6	-2.7	114.6	500	89.4	1.8	-0.2	1007.2	75.4	32.8	26.6	10.4	10.4	0.0
21:03:00	29 24.7	-94 57.1	114.4	-2.8	114.4	493	0.0	21.4	-16.8	76.6	82.4	50.0	43.4	13.2	13.2	4.0
21:03:00	29 24.7	-94 57.1	299.0	301.9	51	501	32.4	-7.2	-1.8	75.8	79.7	0.0	212.8	320.2	4.6	111.8
21:03:30	29 33.6	-94 53.3	114.3	-1.8	114.4	5644*	89.9	2.3	-0.9	955.3	73.0	32.2	26.3	-16.9	-18.8	0.1
21:03:30	29 24.7	-94 54.6	114.2	-2.6	114.2	493	89.9	2.2	-1.0	1007.4	73.3	32.5	26.5	10.8	10.8	0.0
21:03:30	29 24.6	-94 55.0	113.9	-2.7	114.0	496	0.0	22.7	-15.4	74.4	80.2	50.0	43.6	13.5	13.5	4.0
21:03:30	29 24.6	-94 55.0	298.8	301.7	49	498	38.9	-8.9	-2.4	73.7	77.5	0.0	209.9	303.8	4.9	110.3
21:04:00	29 33.6	-94 51.1	115.1	-1.8	115.1	6109*	89.5	2.1	-0.6	955.1	73.4	32.2	26.3	-16.9	-18.9	0.0
21:04:00	29 24.6	-94 52.5	114.9	-2.6	114.9	496	89.9	1.9	-0.7	1007.0	73.7	32.5	26.4	11.4	11.4	0.0
21:04:00	29 24.6	-94 52.9	114.7	-2.7	114.7	496	0.0	22.5	-15.6	74.8	80.6	50.0	43.5	14.0	14.0	4.0
21:04:00	29 24.6	-94 52.9	298.8	301.7	52	500	30.3	-8.6	-2.3	74.1	77.9	0.0	210.4	307.1	5.7	110.6
21:04:30	29 33.5	-94 49.0	114.9	-17.0	116.2	6807*	98.5*	2.6	24.6	954.2	72.8	32.0	26.1	-16.9	-18.9	0.0
21:04:30	29 24.6	-94 50.4	114.7	-17.9	116.0	495	98.7*	2.5	24.5	1008.6	73.1	32.3	26.2	11.5	11.5	0.0
21:04:30	29 24.5	-94 50.7	114.5	-18.1	115.9	496	0.0	29.8	-12.4	74.4	80.3	50.0	43.6	13.9	13.9	4.0
21:04:30	29 24.5	-94 50.8	298.5	301.4	39	500	31.0	-7.2	-1.6	73.6	78.3	0.0	209.7	304.3	6.9	110.0
21:05:00	29 32.5	-94 47.3	84.6	-81.7	117.6	6368*	133.8	2.0	-1.9	955.4	75.2	31.6	25.5	-16.9	-18.9	0.0
21:05:00	29 23.5	-94 48.7	84.1	-82.3	117.7	492	133.7	1.9	-2.0	1007.7*	75.5	31.9	25.7	12.4	12.4	0.0
21:05:00	29 23.4	-94 49.0	83.8	-82.5	117.5	495	0.0	21.5	-16.8	76.6	82.5	50.0	43.4	15.1	15.1	4.2
21:05:00	29 23.5	-94 49.0	298.0	300.9	46*	497	30.1	-7.9	-2.1	75.9	79.5	0.0	212.9	322.9	5.9	111.7
21:05:30	29 31.2	-94 45.7	88.4	-81.3	120.1	7036*	132.7	5.0*	0.2	944.1	77.1	31.0	24.8	-16.9	-18.9	0.0
21:05:30	29 22.2	-94 47.1	87.9	-82.0	120.2	597	132.8	4.9	0.0	998.0	77.4	31.3	24.9	12.3	12.3	0.0
21:05:30	29 22.1	-94 47.4	87.5	-82.1	120.0	594	0.0	13.9	-20.9	79.1	84.8	50.0	43.2	14.7	14.7	4.4
21:05:30	29 22.1	-94 47.5	298.1	301.0	128	598	29.5	-8.4	-2.0	77.6	81.9	0.0	215.6	318.4	6.8	113.5
21:06:00	29 29.8	-94 44.0	93.5	-85.8	126.9	6393*	133.7	5.7	-0.7	922.3	82.6	29.7	23.0	-16.9	-18.9	0.0
21:06:00	29 20.8	-94 45.4	93.0	-86.5	127.0	797	134.0	5.6	-0.8	980.1	82.9	30.0	23.0	13.5	13.5	0.0
21:06:00	29 20.7	-94 45.8	92.6	-86.7	126.8	797	0.0	19.2	-20.4	84.4	90.7	50.0	42.6	14.2	14.2	4.9
21:06:00	29 20.8	-94 45.8	297.9	300.8	280	796	28.6	-11.1	-3.0	83.2	88.0	0.0	222.9	304.8	9.2	118.0

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:06:30	29 28.4	-94 42.3	91.1	-86.4	125.6	7339*	133.3	6.1	-0.3	892.1	77.3	27.7	21.3	-16.9	-18.9	0.0
21:06:30	29 19.4	-94 43.7	90.6	-87.1	125.7	1087	133.2	6.0	-0.4	950.3	77.6	28.0	21.3	11.1	11.1	0.0
21:06:30	29 19.3	-94 44.1	90.1	-87.2	125.4	1078	0.0	17.5	-19.2	78.9	84.9	50.0	42.8	14.3	14.3	5.4
21:06:30	29 19.4	-94 44.1	298.7	301.8	538	1085	28.5	-12.2	-3.4	77.8	82.3	0.0	215.8	323.7	10.4	115.6
21:07:00	29 27.0	-94 40.6	89.1	-86.5	124.2	6924*	133.5	6.1	-0.5	862.4	74.7	25.0	18.6	-16.9	-18.9	0.0
21:07:00	29 18.0	-94 42.0	88.6	-87.2	124.3	1373	133.4	5.9	-0.6	914.0	75.0	25.3	18.7	11.6	11.6	0.0
21:07:00	29 17.9	-94 42.4	87.9	-87.4	124.0	1375	0.0	18.8	-17.8	76.2	82.1	50.0	42.8	14.7	14.7	6.4
21:07:00	29 17.9	-94 42.4	299.3	302.5	861	1376	28.3	-11.9	-3.5	75.2	79.2	0.0	212.3	331.3	9.5	115.4
21:07:30	29 25.6	-94 39.0	86.6	-91.3	125.8	7372*	133.3	6.0	-0.2	836.9	68.0	24.5	18.4	-16.9	-18.9	0.0
21:07:30	29 16.5	-94 40.4	86.1	-92.0	126.0	1632	133.5	5.8	-0.3	887.3*	68.3	24.8	18.6	10.1	10.1	0.0
21:07:30	29 16.5	-94 40.8	85.4	-92.1	125.6	1633	0.0	21.1	-14.4	69.4	75.0	50.0	43.2	13.1	13.1	6.5
21:07:30	29 16.5	-94 40.8	301.7	305.0	1106*	1634	28.2	-12.7	-3.8	68.6	72.2	0.0	202.7	345.0	16.5	111.8
21:08:00	29 24.1	-94 37.4	87.2	-94.3	128.4	7199*	133.6	6.1	-0.5	814.5	67.7	23.3	17.1	-16.9	-18.9	0.0
21:08:00	29 15.0	-94 38.8	86.7	-94.9	128.6	1862	133.9	5.9	-0.7	865.2	68.0	23.6	17.2	10.1	10.1	0.0
21:08:00	29 14.9	-94 39.2	86.0	-95.1	128.2	1883	0.0	21.7	-14.1	69.1	74.7	50.0	43.1	13.0	13.0	7.1
21:08:00	29 15.0	-94 39.3	302.5	305.9	1312	1866	27.6	-13.0	-3.9	68.3	72.1	0.0	202.4	345.6	18.5	112.7
21:08:30	29 22.5	-94 35.8	86.6	-96.4	129.5	7983*	133.9	6.0	-0.6	790.7	68.5	21.6	15.2	-16.9	-18.9	0.0
21:08:30	29 13.4	-94 37.2	86.0	-97.0	129.7	2116	133.9	5.9	-0.7	838.5	68.8	21.9	15.3	9.2	9.2	0.0
21:08:30	29 13.4	-94 37.7	85.2	-97.1	129.2	2131	0.0	20.8	-14.7	69.8	75.4	50.0	42.8	12.0	12.0	8.0
21:08:30	29 13.4	-94 37.7	303.2	306.7	1568	2117	27.1	-12.9	-3.9	69.1	72.8	0.0	203.5	351.3	18.5	114.7
21:09:00	29 20.9	-94 34.2	85.7	-97.5	129.9	6317*	133.9	6.0	-0.5	766.9	68.4	19.5	13.0	-16.9	-18.9	0.0
21:09:00	29 11.8	-94 35.6	85.2	-98.2	130.0	2374	133.9	5.8	-0.6	815.6	68.6	19.8	13.1	8.0	8.0	0.0
21:09:00	29 11.8	-94 36.1	84.3	-98.3	129.5	2388	0.0	21.0	-14.5	69.6	75.1	50.0	42.6	10.2	10.2	9.3
21:09:00	29 11.8	-94 36.1	303.3	306.9	1793	2375	26.8	-12.7	-3.8	68.9	72.7	0.0	203.2	355.8	18.7	115.7
21:09:30	29 19.4	-94 32.6	86.6	-96.6	129.8	6625*	134.6	6.0	-1.4	744.1	67.3	17.8	11.3	-16.9	-18.9	0.0
21:09:30	29 10.3	-94 34.1	86.1	-97.3	129.9	2605	134.8	5.8	-1.5	794.1	67.6	18.1	11.5	3.1	3.1	0.0
21:09:30	29 10.2	-94 34.5	85.1	-97.4	129.4	2632	0.0	21.9	-13.7	68.4	74.0	50.0	42.5	5.1	5.1	10.4
21:09:30	29 10.2	-94 34.5	303.8	307.5	2008	2626	26.6	-13.9	-4.3	67.9	71.7	0.0	201.7	350.4	16.9	116.0
21:10:00	29 17.8	-94 31.0	87.4	-95.8	129.7	7489*	134.5	6.0	-0.9	722.2	65.5	15.5	9.0	-16.9	-18.9	0.0
21:10:00	29 8.7	-94 32.5	86.9	-96.4	129.8	2858	134.8	5.9	-1.1	770.0	65.8	15.8	9.1	2.0	2.0	0.0
21:10:00	29 8.6	-94 32.9	85.9	-96.5	129.2	2879	0.0	22.2	-13.0	66.7	72.0	50.0	42.5	3.7	3.7	12.1
21:10:00	29 8.6	-94 33.0	304.0	307.8	2256	2875	26.4	-12.9	-4.0	66.1	69.8	0.0	199.1	346.5	16.4	115.7
21:10:30	29 16.2	-94 29.3	88.0	-95.4	129.8	5830*	134.7	6.0	-1.0	701.1	64.0	13.2	6.6	-16.9	-18.9	0.0
21:10:30	29 7.1	-94 30.9	87.5	-96.1	130.0	3100	134.7	5.9	-1.1	736.6	64.3	13.5	6.8	0.8	0.8	0.0
21:10:30	29 7.1	-94 31.4	86.4	-96.2	129.3	3121	0.0	22.9	-12.2	65.2	70.6	50.0	42.4	1.8	1.8	14.3
21:10:30	29 7.1	-94 31.4	305.3	309.3	2610	3118	26.2	-12.2	-3.7	64.6	68.2	0.0	196.9	344.3	15.4	116.4
21:11:00	29 14.7	-94 27.7	91.6	-94.2	131.4	6216*	134.9	5.4	-1.1	683.0	62.3	14.9	8.5	-16.9	-18.9	0.0
21:11:00	29 5.6	-94 29.2	91.1	-94.9	131.6	3314	134.9	5.2	-1.2	738.6	62.6	15.3	8.7	-14.5	-16.3	0.0
21:11:00	29 5.5	-94 29.7	90.0	-95.0	130.9	3336	0.0	23.6	-11.2	63.3	68.6	50.0	42.6	-22.6	-25.1	12.5
21:11:00	29 5.5	-94 29.8	307.1	311.1	2588	3333	25.9	-14.3	-4.5	62.8	66.3	0.0	194.3	329.4	16.9	115.1

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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
21:11:30	29 13.2	-94 26.0	92.7	-96.2	133.6	6238*	135.0	5.2	-0.9	667.5	64.2	15.2	8.4	-16.9	-18.9	0.0
21:11:30	29 4.0	-94 27.5	92.2	-96.9	133.8	3502	135.1	5.0	-1.0	720.1	64.5	15.5	8.6	-26.2	-29.0	0.0
21:11:30	29 3.9	-94 28.1	91.0	-97.0	133.0	3518	0.0	23.4	-11.9	65.2	70.4	50.0	42.2	-27.7	-30.6	12.6
21:11:30	29 4.0	-94 28.1	309.3	313.4	2789	3521	26.0	-12.1	-3.7	64.7	68.3	0.0	197.1	330.7	16.0	118.2
21:12:00	29 11.6	-94 24.2	95.4	-99.3	137.7	7658*	134.8	2.4	-0.5	654.8	67.8	14.8	7.6	-16.9	-18.9	0.0
21:12:00	29 2.4	-94 25.8	94.8	-100.1	137.9	3656	135.1	2.3	-0.6	703.0	68.1	15.2	7.7	-31.7	-34.9	0.0
21:12:00	29 2.4	-94 26.4	93.6	-100.1	137.1	3672	0.0	22.0	-

A/C 43, Flgt 060831I, Micro99 date 2006/08/31, Proj acdata Run on Sat Sep 2 17:51:49 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:16:30	29 16.1	-94 23.3	-85.2	74.7	113.3	5219*	314.1	-0.1	-1.8	701.3	66.7	14.6	7.9	-16.9	-18.9	0.0
21:16:30	29 6.9	-94 24.9	-85.2	74.4	113.1	3085	314.2	-0.3	-1.9	752.0*	67.0	14.9	8.0	-10.5	-11.7	0.0
21:16:30	29 6.8	-94 25.7	-86.7	74.6	114.4	3099	0.0	26.1	-11.3	67.4	72.5	50.0	42.2	-7.0	-7.9	13.1
21:16:30	29 6.8	-94 25.7	304.9	308.8	2445	3111	26.0	-7.0	-1.9	67.4	70.8	0.0	200.9	3.1	6.8	117.9
21:17:00	29 17.3	-94 25.0	-89.9	72.4	115.4	5778*	313.9	-0.2	-1.9	716.2	69.6	15.1	8.3	-16.9	-18.9	0.0
21:17:00	29 8.1	-94 26.5	-89.9	72.1	115.2	2914	314.2	-0.3	-2.1	771.8	69.9	15.4	8.4	0.7	0.7	0.0
21:17:00	29 8.0	-94 27.4	-91.4	72.3	116.5	2927	0.0	24.3	-13.1	70.0	75.5	50.0	42.1	2.1	2.1	12.7
21:17:00	29 8.0	-94 27.3	303.0	306.8	2237	2939	26.0	-9.2	-2.6	70.2	73.8	0.0	205.0	22.3	10.0	118.9
21:17:30	29 18.5	-94 26.6	-90.7	71.0	115.2	6040*	313.0	-0.2	-1.5	730.3	70.6	16.6	9.7	-16.9	-18.9	0.0
21:17:30	29 9.2	-94 28.2	-90.7	70.7	115.0	2756	313.0	-0.3	-1.6	779.7	70.9	16.9	9.8	2.6	2.6	0.0
21:17:30	29 9.2	-94 29.1	-92.1	70.9	116.2	2762	0.0	24.6	-13.3	71.0	76.5	50.0	42.1	4.4	4.4	11.6
21:17:30	29 9.2	-94 29.0	303.7	307.4	2155	2777	26.3	-8.9	-2.5	71.2	74.8	0.0	206.4	17.1	10.1	119.4
21:18:00	29 19.6	-94 28.3	-89.4	69.8	113.5	7432*	313.0	-0.2	-1.3	744.7	69.3	17.9	11.2	-16.9	-18.9	0.0
21:18:00	29 10.4	-94 29.9	-89.4	69.5	113.2	2590	312.9	-0.3	-1.3	794.1	69.6	18.2	11.3	2.7	2.7	0.0
21:18:00	29 10.3	-94 30.8	-90.8	69.7	114.5	2603	0.0	25.3	-12.6	69.9	75.3	50.0	42.3	4.5	4.5	10.4
21:18:00	29 10.3	-94 30.7	303.7	307.4	2009	2615	26.6	-7.9	-2.2	70.0	73.6	0.0	204.6	17.3	10.2	117.6
21:18:30	29 20.7	-94 30.0	-92.9	64.1	112.9	7532*	310.1	-0.2	-1.6	760.1	68.5	19.3	12.8	-16.9	-18.9	0.0
21:18:30	29 11.4	-94 31.6	-93.0	63.7	112.7	2424	310.2	-0.3	-1.7	810.9	68.8	19.6	12.9	3.4	3.4	0.0
21:18:30	29 11.4	-94 32.5	-94.4	64.0	114.0	2437	0.0	25.2	-12.4	69.3	74.6	50.0	42.6	5.9	5.9	9.4
21:18:30	29 11.4	-94 32.4	303.6	307.2	1839	2445	26.6	-6.7	-1.8	69.2	72.8	0.0	203.5	21.1	10.9	116.1
21:19:00	29 21.7	-94 31.7	-93.3	62.3	112.2	7250*	310.0	-0.2	-1.7	775.6	68.0	20.4	14.0	-16.9	-18.9	0.0
21:19:00	29 12.4	-94 33.3	-93.4	61.9	112.0	2274	310.4	-0.3	-1.8	830.4	68.3	20.7	14.2	7.4	7.4	0.0
21:19:00	29 12.4	-94 34.2	-94.7	62.1	113.3	2271	0.0	25.6	-12.1	68.8	74.1	50.0	42.8	9.7	9.7	8.7
21:19:00	29 12.4	-94 34.2	302.8	306.3	1647	2276	26.9	-7.8	-2.2	68.7	72.3	0.0	202.8	26.0	12.0	114.6
21:19:30	29 22.7	-94 33.5	-92.9	61.0	111.2	7541*	309.5	-0.2	-0.8	790.0	69.7	21.4	14.9	-16.9	-18.9	0.0
21:19:30	29 13.4	-94 35.0	-93.0	60.6	111.0	2113	309.5	-0.2	-1.0	840.5	70.0	21.7	15.0	9.4	9.4	0.0
21:19:30	29 13.4	-94 36.0	-94.3	60.8	112.2	2116	0.0	25.1	-13.0	70.4	75.9	50.0	42.7	12.1	12.1	8.2
21:19:30	29 13.4	-94 35.9	302.7	306.2	1549	2120	26.9	-8.3	-2.3	70.4	74.0	0.0	205.2	16.6	12.2	115.5
21:20:00	29 23.7	-94 35.2	-91.2	60.6	109.5	7622*	309.6	-0.2	-1.0	805.1	69.5	22.7	16.4	-16.9	-18.8	0.0
21:20:00	29 14.4	-94 36.7	-91.3	60.1	109.3	1954	309.6	-0.3	-1.1	857.1	69.8	23.0	16.5	9.6	9.6	0.0
21:20:00	29 14.4	-94 37.7	-92.6	60.3	110.5	1957	0.0	25.1	-12.9	70.3	75.7	50.0	42.8	12.4	12.4	7.4
21:20:00	29 14.4	-94 37.7	302.6	306.0	1390	1961	27.4	-7.6	-2.1	70.1	73.8	0.0	204.8	13.0	12.0	114.5
21:20:30	29 24.7	-94 36.8	-88.8	61.2	107.9	6631*	309.8	-0.2	-0.6	821.5	69.8	23.9	17.6	-16.9	-18.9	0.0
21:20:30	29 15.4	-94 38.4	-88.9	60.6	107.6	1781	309.9	-0.4	-0.7	868.7	70.1	24.2	17.7	10.2	10.2	0.0
21:20:30	29 15.4	-94 39.4	-90.2	60.9	108.9	1785	0.0	24.7	-13.2	70.7	76.1	50.0	42.9	12.9	12.9	6.9
21:20:30	29 15.4	-94 39.4	302.7	306.0	1280	1789	27.6	-7.1	-1.9	70.5	74.2	0.0	205.4	3.8	11.4	114.3
21:21:00	29 25.7	-94 38.5	-87.3	61.6	106.8	6906*	310.1	-0.2	-1.0	838.3	68.2	24.5	18.4	-16.9	-18.8	0.0
21:21:00	29 16.4	-94 40.0	-87.4	61.0	106.5	1609	310.4	-0.3	-1.1	887.5	68.5	24.8	18.5	10.1	10.1	0.0
21:21:00	29 16.4	-94 41.0	-88.6	61.2	107.7	1607	0.0	25.8	-12.2	69.1	74.5	50.0	43.2	12.8	12.8	6.5
21:21:00	29 16.3	-94 41.0	301.6	304.9	1103	1617	27.9	-7.5	-2.0	68.9	72.5	0.0	203.1	7.6	10.0	112.0

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:21:30	29 26.7	-94 40.1	-86.0	64.0	107.2	6584*	309.8	-0.2	-0.4	855.6	65.6	24.1	18.3	-16.9	-18.8	0.0
21:21:30	29 17.4	-94 41.6	-86.1	63.3	106.9	1433	309.8	-0.3	-0.5	905.3	65.9	24.4	18.5	11.1	11.1	0.0
21:21:30	29 17.4	-94 42.7	-87.3	63.6	108.1	1435	0.0	27.3	-10.7	66.6	71.9	50.0	43.6	13.9	13.9	6.5
21:21:30	29 17.4	-94 42.6	299.9	303.1	940	1442	28.0	-8.3	-2.3	66.3	69.8	0.0	199.3	22.4	5.3	108.8
21:22:00	29 27.7	-94 41.6	-85.5	65.8	107.8	6976*	310.2	-0.2	-1.1	871.9	67.3	25.7	19.9	-16.9	-18.9	0.0
21:22:00	29 18.4	-94 43.2	-85.5	65.1	107.5	1274	310.2	-0.3	-1.2	918.4*	67.6	26.1	20.1	11.3	11.3	0.0
21:22:00	29 18.4	-94 44.3	-86.8	65.4	108.6	1268	0.0	26.0	-11.9	68.4	73.6	50.0	43.5	14.0	14.0	5.9
21:22:00	29 18.4	-94 44.3	300.3	303.4	822*	1280	28.2	-5.8	-1.7	68.0	71.7	0.0	201.7	19.9	5.0	109.6
21:22:30	29 28.7	-94 43.3	-105.7	22.7	108.1	5843*	282.9*	0.9	-24.1	887.4	69.2	26.5	20.6	-16.9	-18.9	0.0
21:22:30	29 19.4	-94 44.9	-106.0	22.1	108.2	1124	282.8*	0.8	-24.2	935.8	69.5	26.8	20.7	11.0	11.0	0.0
21:22:30	29 19.4	-94 46.0	-107.3	21.9	109.5	1124	0.0	29.8	-11.0	70.1	75.9	50.0	43.4	13.4	13.4	5.7
21:22:30	29 19.4	-94 45.9	299.4	302.5	666	1132	36.1	-10.5	-3.3	69.9	73.2	0.0	204.5	338.3	3.6	110.3
21:23:00	29 28.8	-94 45.3	-106.5	1.8	106.5	7335*	272.4	1.9	-0.5	901.3	65.8	26.0	20.5	-16.9	-18.9	0.0
21:23:00	29 19.4	-94 46.9	-106.8	1.1	106.9	990	272.8	1.8	-0.7	950.7	66.1	26.3	20.7	14.9	14.9	0.0
21:23:00	29 19.4	-94 48.0	-108.0	1.4	108.0	986	0.0	27.6	-10.7	66.7	72.3	50.0	43.8	17.3	17.3	5.7
21:23:00	29 19.4	-94 48.0	297.9	300.9	534	995	33.8	-10.5	-3.3	66.4	70.1	0.0	199.5	352.3	1.4	106.8
21:23:30	29 28.8	-94 47.2	-102.9	0.8	102.9	7511*	273.2	2.7*	-1.1	901.0	59.7	26.7	21.6	-16.9	-18.9	0.0
21:23:30	29 19.4	-94 48.8	-103.3	0.1	103.3	999	273.3	2.3	-1.2	951.1	60.0	27.0	21.8	10.6	10.6	0.0
21:23:30	29 19.4	-94 49.9	-104.4	0.3	104.4	996	0.0	25.0	-9.8	61.0	66.0	50.0	44.4	13.0	13.0	5.3
21:23:30	29 19.4	-94 49.9	299.0	302.0	531	1002	30.1	-9.2	-2.7	60.4	63.6	0.0	190.3	14.4	4.0	102.0
21:24:00	29 28.8	-94 49.2	-111.8	-0.2	111.8	5539*	272.9	2.4	-1.0	902.4	69.3	27.8	22.0	-16.9	-18.9	0.0
21:24:00	29 19.4	-94 50.8	-112.2	-1.0	112.2	985	272.9	2.3	-1.1	952.4	69.6	28.2	22.2	10.0	10.0	0.0
21:24:00	29 19.4	-94 52.0	-113.3	-0.7	113.3	979	0.0	21.8	-14.4	70.4	76.0	50.0	43.5	12.8	12.8	5.2
21:24:00	29 19.4	-94 51.9	299.3	302.3	519	986	29.4	-10.3	-3.1	70.0	73.5	0.0	204.6	24.9	5.2	109.7
21:24:30	29 28.8	-94 51.3	-113.8	-0.5	113.8	6355*	272.2	2.1	-0.6*	902.2	70.5	27.9	22.0	-16.9	-18.9	0.0
21:24:30	29 19.4	-94 52.9	-114.3	-1.3	114.3	988	272.2	1.9	-0.7*	952.9	70.7	28.2	22.1	11.0	11.0	0.0
21:24:30	29 19.4	-94 54.1	-115.4	-1.1	115.4	980	0.0	19.8	-15.6	71.2	76.9	50.0	43.4	13.7	13.7	5.2
21:24:30	29 19.4	-94 54.0	299.2	302.3	515	988	29.8	-12.0	-3.7	71.1	74.8	0.0	206.3	45.3	4.7	110.5
21:25:00	29 28.8	-94 53.4	-111.1	1.3	111.1	7577*	273.3	2.1	-0.6	902.3	69.6	28.1	22.2	-16.9	-18.8	0.1
21:25:00	29 19.4	-94 55.0	-111.6	0.4	111.6	983	273.7	1.9	-0.8	951.7	69.9	28.4	22.3	9.8	9.8	0.0
21:25:00	29 19.4	-94 56.2	-112.7	0.7	112.7	982	0.0	24.3	-13.4	70.2	76.2	50.0	43.5	12.1	12.1	5.1
21:25:00	29 19.4	-94 56.2	299.6	302.6	526	987	38.0	-13.7	-4.3	70.2	73.8	0.0	205.1	20.8	3.6	110.0
21:25:30	29 28.8	-94 55.4	-108.8	2.1	108.8	7120*	273.0	2.7	-0.2*	902.6	65.0	27.2	21.7	-16.9	-18.9	0.0
21:25:30	29 19.4	-94 57.0	-109.2	1.2	109.2	984	273.1	2.6	-0.4*	953.2	65.3	27.5	21.9	12.0	12.0	0.0
21:25:30	29 19.4	-94 58.3	-110.3	1.5	110.3	980	0.0	27.3	-10.5	65.8	71.6	50.0	43.9	15.4	15.4	5.3
21:25:30	29 19.4	-94 58.2	298.9	301.9	512	985	34.1	-13.7	-4.3	65.6	69.4	0.0	198.3	58.9	3.1	106.2
21:26:00	29 28.9	-94 57.4	-105.8	3.3	105.9	7747*	273.8	2.9	-1.1*	902.4	61.1	27.3	21.1	-16.9	-18.8	0.1
21:26:00	29 19.4	-94 59.0	-106.2	2.3	106.3	986	273.8	2.8	-1.2*	787.7*	61.4	27.6	21.3	10.4	10.4	0.0
21:26:00	29 19.5	-95 0.3	-107.3	2.6	107.3	983	0.0	25.4	-10.0	62.0	67.5	50.0	43.1	13.1	13.1	5.5
21:26:00	29 19.5	-95 0.2	315.0	318.9	2074*	989	34.3	-12.4	-3.8	61.7	64.5	0.0	192.4	289.3	7.5	113.0

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
21:26:30	29 28.9	-94 59.4	-100.7	13.6	101.6	8216*	279.0*	1.5	22.1*	901.5	57.6	26.9	21.8	-16.9	-18.9	0.0
21:26:30	29 19.5	-95 1.0	-101.2	12.5	101.9	991	279.0*	1.3	21.9*	895.3	57.8	27.3	22.0	12.4	12.4	0.0
21:26:30	29 19.5	-95 2.2	-102.2	13.0	103.0	986	0.0	18.0	-12.3	58.8	63.4	50.0	44.3	14.9	14.9	5.3
21:26:30	29 19.5	-95 2.2	304.4	307.7	1032	996	31.5	-2.0	-0.3	58.2	61.6	0.0	186.8	302.6	1.7	103.2
21:27:00	29 29.7	-95 0.9	-79.0	53.0	95.1	5922*	305.8	0.2	-0.7	904.2	51.3	26.4	21.9	-16.9	-18.8	0.1
21:27:00	29 20.2	-95 2.5	-79.3	51.8	94.7	975	306.1	0.1	-0.9	922.6*	51.6	26.9	22.3	12.6	12.6	0.0
21:27:00	29 20.3	-95 3.8	-80.4	52.1	95.8	974	0.0	3.3	-17.0	51.7	56.0	50.0	45.0	15.2	15.2	5.2
21:27:00	29 20.3	-95 3.8	301.9	305.1	784*	982	32.1	-10.9	-3.1	51.5	53.7	0.0	176.6	0.4	1.8	96.1
21:27:30	29 30.5	-95 2.3	-73.4	50.8	89.3	6374*	304.7	-0.9	-2.3*	905.6	44.1	25.8	22.0	-16.9	-18.9	0.1
21:27:30	29 21.1	-95 3.9	-73.7	49.5	88.8	967	304.7	-1.0	-2.4*	950.0*	44.4	26.3	22.4	14.2	14.2	0.0
21:27:30	29 21.1	-95 5.2	-74.7	49.9	89.9	963	0.0	9.7	-11.5	44.2	48.3	50.0	45.8	16.4	16.4	5.2
21:27:30	29 21.1	-95 5.2	299.5	302.6	540	972	30.4	-9.3	-2.9	44.6	46.3	0.0	164.0	170.1	2.0	88.0
21:28:00	29 31.4	-95 3.7	-72.3	51.7	88.9	6149*	305.0*	-0.8	-0.9	917.0	43.8	27.0	23.2	-16.9	-18.8	0.0
21:28:00	29 21.9	-95 5.3	-72.6	50.4	88.4	851	305.0*	-0.9	-1.0	952.7*	44.1	27.4	23.6	14.0	14.0	0.0
21:28:00	29 21.9	-95 6.6	-73.6	50.8	89.4	854	0.0	13.7	-9.7	44.2	48.1	50.0	45.8	16.4	16.4	4.8
21:28:00	29 21.9	-95 6.6	300.5	303.5	516*	861	36.6	-6.0	-1.7	44.3	46.4	0.0	163.3	176.0	2.1	87.7
21:28:30	29 32.2	-95 5.0	-74.8	51.8	90.9	6832*	304.4*	-0.3*	3.5*	930.5	45.6	28.3	24.2	-16.9	-18.9	0.0
21:28:30	29 22.7	-95 6.7	-75.1	50.4	90.4	721	304.5*	-0.4*	3.4*	917.6*	45.9	28.7	24.6	14.6	14.6	0.0
21:28:30	29 22.7	-95 8.0	-76.0	50.8	91.4	727	0.0	12.6	-11.0	46.4	50.2	50.0	45.5	17.0	17.0	4.5
21:28:30	29 22.7	-95 8.0	304.7	307.9	828*	731	36.6	-1.9	-0.5	46.1	47.9	0.0	166.6	242.3	0.6	91.3
21:29:00	29 33.2	-95 6.2	-49.3	71.8	87.1	7826*	324.3	0.7	3.2*	931.3	42.0	28.1	24.0	-16.9	-18.8	0.1
21:29:00	29 23.7	-95 7.8	-49.6	70.3	86.0	716	324.5	0.6	3.1*	854.4*	42.3	28.6	24.5	15.0	15.0	0.0
21:29:00	29 23.8	-95 9.1	-50.4	70.8	86.9	722	0.0	10.5	-10.5	42.5	46.3	50.0	45.6	17.1	17.1	4.6
21:29:00	29 23.7	-95 9.1	310.8	314.4	1415*	726	33.6	-6.7	-2.0	42.4	44.1	0.0	160.0	282.9	4.9	90.8
21:29:30	29 34.5	-95 6.7	-1.5	84.2	84.3	5915*	357.8*	2.8	9.2*	931.0	37.1	27.8	24.2	-16.9	-18.9	0.0
21:29:30	29 24.9	-95 8.3	-1.8	82.5	82.6	718	357.8*	2.7	9.0*	861.6*	37.4	28.5	24.9	15.0	15.0	0.0
21:29:30	29 25.0	-95 9.7	-2.6	83.0	83.1	724	0.0	12.0	-8.2	38.1	41.3	50.0	46.1	17.2	17.2	4.5
21:29:30	29 25.0	-95 9.7	310.3	313.8	1347*	726	33.1	-2.0	-0.3	37.7	39.5	0.0	150.6	288.7	2.6	85.2
21:30:00	29 35.9	-95 6.6	6.8	85.4	85.7	6479*	3.4	2.0*	2.8	931.8	39.2	28.0	24.4	-16.9	-18.9	0.0
21:30:00	29 26.3	-95 8.3	6.5	83.6	83.9	716	3.4	1.9*	2.7	892.9*	39.5	28.6	24.9	14.6	14.6	0.0
21:30:00	29 26.4	-95 9.6	5.7	84.1	84.3	719	0.0	13.1	-8.4	40.0	43.6	50.0	46.0	17.1	17.1	4.5
21:30:00	29 26.4	-95 9.7	307.4	310.7	1054*	722	30.5	-3.8	-1.1	39.7	41.5	0.0	154.6	280.6	2.4	85.9
21:30:30	29 37.3	-95 6.6	-2.7	86.5	86.5	7740*	357.2	2.7	-1.1*	932.6	39.1	28.1	24.6	-16.9	-18.9	0.1
21:30:30	29 27.7	-95 8.3	-3.0	84.7	84.8	704	357.6	2.5	-1.2*	904.7*	39.3	28.8	25.2	14.2	14.2	0.0
21:30:30	29 27.7	-95 9.7	-3.6	85.2	85.2	713	0.0	15.8	-7.2	40.4	43.6	50.0	46.1	16.6	16.6	4.4
21:30:30	29 27.7	-95 9.7	306.4	309.7	945*	714	31.7	2.8	0.9	39.6	41.5	0.0	154.4	185.6	1.3	85.3
21:31:00	29 38.7	-95 6.7	-2.0	83.6	83.6	7593*	359.6	-0.8	2.4	937.2	35.6	28.2	24.9	-16.9	-18.9	0.0
21:31:00	29 29.0	-95 8.3	-2.3	81.7	81.8	660	359.7	-0.9	2.2	905.7*	35.9	29.0	25.7	14.5	14.5	0.0
21:31:00	29 29.1	-95 9.7	-3.1	82.2	82.3	668	0.0	21.0	-3.3	36.2	39.9	50.0	46.4	16.9	16.9	4.3
21:31:00	29 29.1	-95 9.7	306.6	309.9	936*	674	40.1	-7.9	-2.4	36.1	38.2	0.0	147.4	189.6	2.6	81.4

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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
21:31:30	29 40.0	-95 6.6	0.4	87.0	87.0	5796*	359.8	-1.5	-1.2	947.9	38.1	29.4	25.9	-16.9	-18.8	0.0
21:31:30	29 30.4	-95 8.3	0.1	85.1	85.1	566	359.7*	-1.6	-1.3	928.5*	38.4	30.0	26.6	14.9	14.9	0.0
21:31:30	29 30.5	-95 9.7	-0.6	85.5	85.5	573	0.0	18.0	-5.6	39.0	42.5	50.0	46.3	17.1	17.1	4.1
21:31:30	29 30.4	-95 9.7	305.5	308.7	731*	575	40.0	-4.0	-1.1	38.6	40.1	0.0	152.6	195.4	4.1	83.4
21:32:00	29 41.5	-95 6.7	-5.6	87.4	87.6	5936*	356.6	-1.0	-4.2*	962.6	40.7	30.7	27.1	-16.9	-18.9	0.0
21:32:00	29 31.8	-95 8.4	-5.9	85.5	85.7	428	356.5	-1.1	-4.2*	952.7	41.0	31.4	27.7	15.3	15.3	0.0
21:32:00	29 31.9	-95 9.8	-6.6	85.9	86.2	435	0.0	14.1	-8.5	41

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A/C 43, Flgt 060831I, Micro99 date 2006/08/31, Proj acdata                    Run on Sat Sep  2 17:51:49 2006
TIME-M99    LATi1     LONGi1   GSui1   GSvi1   GSi1  RA159  HDGi1 PTCHi1 ROLLi1    PSW   PQF1    TT1    TA1   TDM1    TD1  AXBT1
TIME-CG1    LATi2     LONGi2   GSui2   GSvi2   GSi2  RA232  HDGi2 PTCHi2 ROLLi2    PSF   PQF2    TT2    TA2   TDM2    TD2  AXBT2
TIME-CG2   LATcln    LONGcln  GSucln  GSvcln  GScln ALTcln PRT5SIDE PDAF   PDAR   PQAF   PQSF    TT3    TA3   TDM3    TD3   RH1
TIME-GPS   LATash    LONGash  THETA1  THETAE1  PA1  ALTash PRT5DOWN PDSF   PDSR    PQR    PQW  LWCJW    IAS   WDi1   WSi1   TAS1

21:36:30  29 46.7   -95  5.7    -4.6    -2.1    5.1   5327  234.7   -0.1    0.4 1011.5   -0.1   34.8 -32767.0  -16.9  -18.9    0.0
21:36:30  29 36.7   -95  7.5    -5.4    -4.3    6.9      1  234.7   -0.3    0.2  987.0    0.2   35.8 -32767.0   17.2   17.2    0.0
21:36:30  29 36.8   -95  9.0    -5.6    -3.9    6.9      7    0.0    0.2   -0.2    0.1    0.2   50.0 -32767.0   20.1   20.1 -32767.0
21:36:30  29 36.8   -95  9.0 -32767.0 -32767.0 -32767     12   30.9   -0.6   -0.3    0.3    0.4    0.0 -32767.0 -32767.0 -32767.0 -327

21:37:00  29 46.7   -95  5.8    -4.3    -1.8    4.7   7247  235.2   -0.2    0.4 1011.4   -0.2   34.5 -32767.0  -16.9  -18.9    0.0
21:37:00  29 36.6   -95  7.6    -5.1    -4.1    6.6      1  235.4   -0.3    0.2  966.2    0.0   35.2 -32767.0   17.6   17.6    0.0
21:37:00  29 36.8   -95  9.1    -5.3    -3.6    6.4     17    0.0    0.1   -0.2    0.1    0.2   50.0 -32767.0   20.9   20.9 -32767.0
21:37:00  29 36.8   -95  9.1 -32767.0 -32767.0 -32767     12   30.9   -0.9   -0.3    0.2    0.4    0.0 -32767.0 -32767.0 -32767.0 -327

21:37:30  29 46.6   -95  5.9    -4.0    -1.5    4.2   7735  235.2   -0.1    0.3 1011.4    0.0   32.9   32.9  -16.9  -18.9    0.0
21:37:30  29 36.5   -95  7.7    -4.8    -3.8    6.1      1  235.5   -0.3    0.1  984.3    0.3   33.4   33.4   17.1   17.1    0.0
21:37:30  29 36.7   -95  9.2    -5.0    -3.3    6.0     16    0.0    0.1   -0.2    0.2    0.3   50.0   50.0   19.3   19.3    2.7
21:37:30  29 36.7   -95  9.2   307.5   310.5    244     12   31.0   -0.6   -0.3    0.4    0.6    0.0    3.6   89.0    2.7    1.9

21:38:00  29 46.6   -95  6.0    -4.6    -1.9    5.0   7166  234.6   -0.6    0.3 1011.5   -0.1   32.7 -32767.0  -16.9  -18.9    0.0
21:38:00  29 36.5   -95  7.8    -5.4    -4.3    6.9      1  234.6   -0.7    0.2  959.2    0.2   33.1 -32767.0   16.7   16.7    0.0
21:38:00  29 36.7   -95  9.3    -5.5    -3.9    6.7     23    0.0    0.1   -0.2    0.1    0.3   50.0 -32767.0   19.7   19.7 -32767.0
21:38:00  29 36.7   -95  9.3 -32767.0 -32767.0 -32767     12   31.1   -0.8   -0.3    0.3    0.5    0.0 -32767.0 -32767.0 -32767.0 -327

21:38:30  29 46.6   -95  6.0    -0.6    -3.7    3.8   6847  192.0   -0.6    0.1 1011.5   -0.1   32.8 -32767.0  -16.9  -18.9    0.0
21:38:30  29 36.4   -95  7.8    -1.5    -6.1    6.3      1  191.7   -0.7   -0.0  975.1    0.2   33.1 -32767.0   17.1   17.1    0.0
21:38:30  29 36.6   -95  9.4    -1.4    -5.7    5.8     15    0.0    0.1   -0.2    0.1    0.3   50.0 -32767.0   19.6   19.6 -32767.0
21:38:30  29 36.6   -95  9.4 -32767.0 -32767.0 -32767     12   31.1   -0.8   -0.4    0.3    0.4    0.0 -32767.0 -32767.0 -32767.0 -327

21:39:00  29 46.5   -95  6.0     1.1    -5.5    5.6   6183  177.6   -0.5    0.4 1011.4   -0.3   32.2 -32767.0  -16.9  -18.9    0.0
21:39:00  29 36.3   -95  7.8     0.2    -7.9    7.9      1  177.5   -0.7    0.2  982.3   -0.1   32.5 -32767.0   16.6   16.6    0.0
21:39:00  29 36.5   -95  9.4     0.2    -7.5    7.5     16    0.0   -0.0   -0.2    0.0    0.2   50.0 -32767.0   19.4   19.4 -32767.0
21:39:00  29 36.5   -95  9.4 -32767.0 -32767.0 -32767     15   31.2   -1.3   -0.5    0.3    0.7    0.0 -32767.0 -32767.0 -32767.0 -327

21:39:30  29 46.5   -95  6.1    -5.6     1.9    6.0   7125  268.5   -0.6    0.0 1011.6   -0.2   32.5 -32767.0  -16.9  -18.9    0.0
21:39:30  29 36.2   -95  7.9    -6.5    -0.5    6.5      1  268.7   -0.7   -0.1  980.4    0.1   32.6 -32767.0   16.6   16.6    0.0
21:39:30  29 36.5   -95  9.4    -6.5    -0.2    6.5     16    0.0   -0.1   -0.2    0.1    0.1   50.0 -32767.0   19.2   19.2 -32767.0
21:39:30  29 36.5   -95  9.4 -32767.0 -32767.0 -32767     15   31.3   -0.1   -0.1    0.2    0.2    0.0 -32767.0 -32767.0 -32767.0 -327

21:40:00  29 46.5   -95  6.2    -6.4     1.9    6.7   5481  268.5   -0.5    0.2 1011.6    0.0   32.3   32.3  -16.9  -18.9    0.0
21:40:00  29 36.2   -95  8.1    -7.3    -0.5    7.3      1  268.5   -0.6   -0.0 1011.5    0.3   32.6   32.6   16.9   16.9    0.0
21:40:00  29 36.5   -95  9.6    -7.3    -0.1    7.3     14    0.0    0.1   -0.3    0.3    0.4   50.0   50.0   19.2   19.2    2.8
21:40:00  29 36.5   -95  9.6   304.5   307.4     15     15   31.4   -0.5   -0.2    0.4    0.4    0.0    3.6  116.5    5.1    1.9

21:40:30  29 46.6   -95  6.3    -5.9     2.0    6.2   6842  268.5   -0.6    0.0 1011.6   -0.6   33.6 -32767.0  -16.9  -18.9    0.0
21:40:30  29 36.2   -95  8.2    -6.8    -0.5    6.8      1  268.5   -0.8   -0.1 1011.7   -0.3   33.9 -32767.0   17.0   17.0    0.0
21:40:30  29 36.5   -95  9.7    -6.7    -0.1    6.7     14    0.0   -0.0   -0.2    0.0    0.0   50.0 -32767.0   20.0   20.0 -32767.0
21:40:30  29 36.5   -95  9.7 -32767.0 -32767.0 -32767     15   31.4    0.0    0.1   -0.3    0.3    0.0 -32767.0 -32767.0 -32767.0 -327

21:41:00  29 46.6   -95  6.4    -4.2     2.0    4.6   7046  267.7   -0.8    0.1 1011.6   -0.4   34.5 -32767.0  -16.9  -18.9    0.0
21:41:00  29 36.2   -95  8.3    -5.1    -0.5    5.1      1  268.1   -1.0   -0.1 1011.7   -0.1   34.8 -32767.0   16.8   16.8    0.0
21:41:00  29 36.4   -95  9.8    -5.0    -0.1    5.0     11    0.0   -0.0   -0.2    0.0    0.0   50.0 -32767.0   19.9   19.9 -32767.0
21:41:00  29 36.4   -95  9.8 -32767.0 -32767.0 -32767     15   31.5    0.1    0.1    0.1    0.2    0.0 -32767.0 -32767.0 -32767.0 -327
```



```
A/C 43, Flgt 060831I, Micro99 date 2006/08/31, Proj acdata                    Run on Sat Sep  2 17:51:49 2006
TIME-M99    LATi1     LONGi1   GSui1   GSvi1   GSi1  RA159  HDGi1 PTCHi1 ROLLi1    PSW   PQF1    TT1    TA1   TDM1    TD1  AXBT1
TIME-CG1    LATi2     LONGi2   GSui2   GSvi2   GSi2  RA232  HDGi2 PTCHi2 ROLLi2    PSF   PQF2    TT2    TA2   TDM2    TD2  AXBT2
TIME-CG2   LATcln    LONGcln  GSucln  GSvcln  GScln ALTcln PRT5SIDE PDAF   PDAR   PQAF   PQSF    TT3    TA3   TDM3    TD3   RH1
TIME-GPS   LATash    LONGash  THETA1  THETAE1  PA1  ALTash PRT5DOWN PDSF   PDSR    PQR    PQW  LWCJW    IAS   WDi1   WSi1   TAS1

21:41:30  29 46.6   -95  6.5    -3.3     2.0    3.9   7006  268.0   -0.3    0.4 1011.7   -0.3   34.6 -32767.0  -16.9  -18.9    0.0
21:41:30  29 36.2   -95  8.4    -4.2    -0.5    4.3      1  268.1   -0.4    0.1 1011.7   -0.1   34.9 -32767.0   16.7   16.7    0.0
21:41:30  29 36.4   -95  9.9    -4.1    -0.1    4.1      6    0.0   -0.0   -0.2   -0.0    0.0   50.0 -32767.0   19.9   19.9 -32767.0
21:41:30  29 36.4   -95  9.9 -32767.0 -32767.0 -32767     14   31.5   -0.1    0.0    0.1    0.1    0.0 -32767.0 -32767.0 -32767.0 -327

21:42:00  29 46.7   -95  6.5    -3.8     2.2    4.4   7477  269.2   -0.6    0.2 1011.7   -0.3   34.8 -32767.0  -16.9  -18.9    0.0
21:42:00  29 36.2   -95  8.5    -4.8    -0.4    4.8      1  269.2   -0.7    0.0 1011.6   -0.1   35.1 -32767.0   16.9   16.9    0.0
21:42:00  29 36.4   -95 10.0    -4.6    -0.0    4.6      7    0.0    0.0   -0.2   -0.0    0.1   50.0 -32767.0   20.4   20.4 -32767.0
21:42:00  29 36.4   -95 10.0 -32767.0 -32767.0 -32767     14   31.6   -0.1    0.0    0.1    0.1    0.0 -32767.0 -32767.0 -32767.0 -327

21:42:30  29 46.7   -95  6.6    -2.4     3.1    3.9   5847  285.5   -0.5    0.3 1011.7   -0.4   35.3 -32767.0  -16.9  -18.9    0.0
21:42:30  29 36.2   -95  8.5    -3.3     0.5    3.4      1  285.5   -0.7    0.1 1011.6   -0.1   35.7 -32767.0   17.0   17.0    0.0
21:42:30  29 36.5   -95 10.0    -3.1     0.8    3.2     11    0.0    0.0   -0.2   -0.0    0.0   50.0 -32767.0   20.0   20.0 -32767.0
21:42:30  29 36.5   -95 10.0 -32767.0 -32767.0 -32767     14   31.7    0.0   -0.0    0.1    0.1    0.0 -32767.0 -32767.0 -32767.0 -327

21:43:00  29 46.8   -95  6.6    -0.8     4.5    4.6   5099  326.7   -0.7    0.3 1011.7   -0.3   35.7 -32767.0  -16.9  -18.9    0.0
21:43:00  29 36.2   -95  8.6    -1.8     1.9    2.6      1  327.1   -0.9    0.1 1011.6   -0.1   36.1 -32767.0   17.2   17.2    0.0
21:43:00  29 36.5   -95 10.1    -1.5     2.3    2.8      8    0.0    0.0   -0.2   -0.0    0.0   50.0 -32767.0   20.0   20.0 -32767.0
21:43:00  29 36.5   -95 10.1 -32767.0 -32767.0 -32767     14   31.7    0.0    0.1    0.1    0.1    0.0 -32767.0 -32767.0 -32767.0 -327

21:43:30  29 46.8   -95  6.6    -0.0     4.6    4.6   6121  344.4   -0.7    0.3 1011.7   -0.3   34.6 -32767.0  -16.9  -18.9    0.0
21:43:30  29 36.3   -95  8.6    -1.0     2.0    2.2      1  344.4   -0.9    0.1 1011.5   -0.1   35.1 -32767.0   17.2   17.2    0.0
21:43:30  29 36.5   -95 10.1    -0.7     2.4    2.5      7    0.0   -0.0   -0.2    0.0    0.0   50.0 -32767.0   19.8   19.8 -32767.0
21:43:30  29 36.5   -95 10.1 -32767.0 -32767.0 -32767     14   31.8    0.2    0.1    0.1    0.1    0.0 -32767.0 -32767.0 -32767.0 -327

21:44:00  29 46.9   -95  6.6     0.6     2.3    2.4   6723  358.4   -0.6    0.3 1011.7   -0.4   35.2 -32767.0  -16.9  -18.9    0.0
21:44:00  29 36.3   -95  8.6    -0.3    -0.3    0.5      1  358.3   -0.8    0.2 1011.6   -0.2   35.6 -32767.0   17.1   17.1    0.0
21:44:00  29 36.5   -95 10.1     0.0    -0.0    0.0     12    0.0    0.0   -0.2   -0.0    0.0   50.0 -32767.0   19.9   19.9 -32767.0
21:44:00  29 36.5   -95 10.1 -32767.0 -32767.0 -32767     15   31.9    0.0    0.0   -0.0    0.1    0.0 -32767.0 -32767.0 -32767.0 -327

21:44:30  29 46.9   -95  6.6     0.6     2.3    2.4   6200  358.4   -0.6    0.3 1011.7   -0.4   36.6 -32767.0  -16.9  -18.9    0.0
21:44:30  29 36.3   -95  8.6    -0.4    -0.3    0.5      1  358.7   -0.8    0.2 1011.5   -0.1   36.9 -32767.0   17.1   17.1    0.0
21:44:30  29 36.5   -95 10.1     0.0    -0.0    0.0     17    0.0   -0.0   -0.2   -0.0    0.0   50.0 -32767.0   20.1   20.1 -32767.0
21:44:30  29 36.5   -95 10.1 -32767.0 -32767.0 -32767     15   31.9    0.0    0.0    0.1    0.1    0.0 -32767.0 -32767.0 -32767.0 -327


********************************************************************************************************************************************************************
ERROR COUNT:

********************************************************************************************************************************************************************
LAT_INE1:  6
LAT_INE2:  6
LAT_CLN:  0
LAT_ASH:  0
LONG_INE1:  6
LONG_INE2:  6
LONG_CLN:  1
LONG_ASH:  9
RA159:  10087
```



```
RA232:  364
ALT_CLN:  4
ALT_ASH:  7
HDG_INE1:  1153
HDG_INE2:  1169
PRT5_SIDE:  0
PRT5_DOWN:  0
PITCH_INE1:  609
PITCH_INE2:  514
PDAF:  0
PDSF:  3
ROLL_INE1:  2805
ROLL_INE2:  2656
PDAR:  0
PDSR:  0
PSW:  1
PSF:  2939
PQAF:  20
PQR:  9
PQF1:  29
PQF2:  28
PQSF:  0
PQW:  139
TT1:  0
TT2:  0
TT3:  0
TDM1:  0
TDM2:  0
TDM3:  75
AXBT1:  0
AXBT2:  0


********************************************************************************************************************************************************************
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