A/C 43, Flgt 040515I, Micro99 date 2004/05/18, Proj wvssx Run on Mon May 24 15:38:14 2004

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1

13:25:30	29	36.4	-95	10.0	-0.0	-0.0	0.0	38	359.2	-0.7	0.3	1018.3	-0.0	25.4	-32767.0	21.5	21.5	NoChan*
13:25:30	29	36.4	-95	10.0	-0.0	0.0	0.0	1	359.3	-0.9	0.2	1018.1	-0.0	25.5	-32767.0	22.0	22.0	NoChan*
13:25:31	29	36.5	-95	10.1	-0.0	-0.0	0.0	7	NoChan*	0.1	-0.3	-0.0	0.0	-0.7	-32767.0	33.4	33.4	-32767.0
13:25:30	29	36.5	-95	10.1	-32767.0	-32767.0	-32767	16	NoChan*	0.0	-0.0	-0.1	0.2	0.6	0.0	-32767.0	-32767.0	-32767.0 -327
13:26:00	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	
13:26:00	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	
13:26:00	0	0.0	0	0.0	0.0	0.0	0.0	0	NoChan*-32767.0		-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-3276	
13:26:00	0	0.0	0	0.0	-32767.0	-32767.0	-32767	0	NoChan*-32767.0		-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32	
13:26:30	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	
13:26:30	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	
13:26:30	0	0.0	0	0.0	0.0	0.0	0.0	0	NoChan*-32767.0		-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-3276	
13:26:30	0	0.0	0	0.0	-32767.0	-32767.0	-32767	0	NoChan*-32767.0		-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32	
13:27:00	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	
13:27:00	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	
13:27:00	0	0.0	0	0.0	0.0	0.0	0.0	0	NoChan*-32767.0		-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-3276	
13:27:00	0	0.0	0	0.0	-32767.0	-32767.0	-32767	0	NoChan*-32767.0		-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32	
13:27:30	29	36.4	-95	10.0	-0.0	-0.0	0.1	38	359.2	-0.8	0.3	1018.3	-0.0	25.4	-32767.0	21.5	21.5	NoChan*
13:27:30	29	36.4	-95	10.0	-0.1	0.0	0.1	1	359.3	-0.9	0.2	1018.2	0.0	25.5	-32767.0	22.1	22.1	NoChan*
13:27:31	29	36.5	-95	10.1	-0.0	-0.0	0.0	9	NoChan*	-0.0	-0.2	0.0	0.0	-0.7	-32767.0	33.4	33.4	-32767.0
13:27:30	29	36.5	-95	10.1	-32767.0	-32767.0	-32767	14	NoChan*	-0.0	-0.0	0.3	0.6	0.0	-32767.0	-32767.0	-32767.0	-327
13:28:00	29	36.4	-95	10.0	-0.1	-0.0	0.1	38	359.1	-0.8	0.3	1018.3	0.1	25.4	25.4	21.5	21.5	NoChan*
13:28:00	29	36.4	-95	10.0	-0.1	0.0	0.1	1	359.3	-0.9	0.2	1018.1	0.1	25.4	25.4	22.1	22.1	NoChan*
13:28:01	29	36.5	-95	10.1	-0.0	0.0	0.0	6	NoChan*	0.0	-0.2	-0.0	0.0	-0.7	-0.7	33.4	33.4	79.8
13:28:00	29	36.5	-95	10.1	297.0	343.5	-40	14	NoChan*	0.0	-0.0	0.4	0.6	0.0	6.1	8.3	3.2	3.2
13:28:30	29	36.4	-95	10.0	-0.1	-0.0	0.1	38	359.5	-0.8	0.3	1018.2	-0.1	25.4	-32767.0	21.5	21.5	NoChan*
13:28:30	29	36.4	-95	10.0	-0.1	0.0	0.1	1	359.3	-0.9	0.2	1018.1	-0.0	25.4	-32767.0	22.1	22.1	NoChan*
13:28:31	29	36.5	-95	10.1	-0.0	-0.0	0.0	4	NoChan*	0.1	-0.2	-0.0	0.0	-0.7	-32767.0	33.3	33.3	-32767.0
13:28:30	29	36.5	-95	10.1	-32767.0	-32767.0	-32767	14	NoChan*	-0.0	-0.0	0.3	0.6	0.0	-32767.0	-32767.0	-32767.0	-327
13:29:00	29	36.4	-95	10.0	0.4	2.6	2.6	38	13.0	-0.9	0.2	1018.2	-0.1	25.6	-32767.0	21.5	21.5	NoChan*
13:29:00	29	36.4	-95	10.0	0.4	2.6	2.6	1	12.9	-1.0	0.2	1018.2	-0.1	25.8	-32767.0	22.0	22.0	NoChan*
13:29:01	29	36.5	-95	10.1	0.4	2.6	2.6	2	NoChan*	0.1	-0.2	0.0	0.0	-0.7	-32767.0	33.6	33.6	-32767.0
13:29:00	29	36.5	-95	10.1	-32767.0	-32767.0	-32767	15	NoChan*	0.2	0.1	0.1	0.8	0.0	-32767.0	-32767.0	-32767.0	-327
13:29:30	29	36.4	-95	10.0	4.4	1.3	4.6	38	70.7	-0.8	0.2	1018.3	-0.0	25.1	-32767.0	21.5	21.5	NoChan*
13:29:30	29	36.4	-95	10.0	4.4	1.3	4.6	1	71.1	-1.0	0.1	1018.1	0.0	24.9	-32767.0	22.0	22.0	NoChan*
13:29:31	29	36.5	-95	10.0	4.4	1.0	4.5	5	NoChan*	-0.1	-0.0	0.2	0.1	-0.7	-32767.0	33.2	33.2	-32767.0
13:29:30	29	36.5	-95	10.0	-32767.0	-32767.0	-32767	14	NoChan*	0.8	0.3	0.3	0.7	0.0	-32767.0	-32767.0	-32767.0	-327
13:30:00	29	36.5	-95	9.9	0.6	9.3	9.3	38	3.3	-0.8	0.2	1018.3	0.1	25.0	24.9	21.5	21.5	NoChan*
13:30:00	29	36.5	-95	9.9	0.5	9.3	9.3	1	3.5	-0.9	0.1	1018.3	0.1	24.9	24.9	22.0	22.0	NoChan*
13:30:01	29	36.6	-95	10.0	0.7	9.3	9.3	5	NoChan*	-0.1	0.0	0.2	0.2	-0.7	-0.7	33.3	33.3	81.8
13:30:00	29	36.6	-95	10.0	296.6	342.8	-42	15	NoChan*	0.5	0.2	0.3	0.8	0.0	7.5	173.4	5.6	3.9

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1

13:30:30	29	36.7	-95	9.9	-0.3	10.5	10.5	38	358.7	-0.8	0.5	1018.2	0.2	24.9	24.8	21.5	21.5	NoChan*
13:30:30	29	36.7	-95	9.9	-0.3	10.5	10.5	1	358.5	-0.9	0.4	1018.2	0.3	24.8	24.8	22.1	22.1	NoChan*
13:30:31	29	36.8	-95	10.0	-0.1	10.5	10.5	3	NoChan*	0.2	0.1	0.2	0.3	-0.6	-0.6	33.3	33.3	82.6
13:30:30	29	36.8	-95	10.0	296.5	342.9	-41	15	NoChan*	0.2	0.1	0.5	1.0	0.0	12.3	171.2	4.1	6.5
13:31:00	29	36.8	-95	9.9	-0.2	8.5	8.5	38	359.3	-0.7	0.2	1018.3	-0.2	25.2	-32767.0	21.5	21.5	NoChan*
13:31:00	29	36.8	-95	10.0	-0.2	8.5	8.5	1	358.9	-0.8	0.1	1018.2	-0.1	25.3	-32767.0	22.0	22.0	NoChan*
13:31:01	29	36.9	-95	10.0	-0.1	8.5	8.5	3	NoChan*	-0.0	0.8	-0.0	0.0	-0.6	-32767.0	33.5	33.5	-32767.0
13:31:00	29	36.9	-95	10.0	-32767.0	-32767.0	-32767	15	NoChan*	0.3	-0.0	0.1	0.6	0.0	-32767.0	-32767.0	-32767.0	-327
13:31:30	29	36.9	-95	9.9	3.8	4.0	5.5	38	43.8	-0.8	0.6	1018.1	-0.2	25.5	-32767.0	21.5	21.5	NoChan*
13:31:30	29	36.9	-95	9.9	3.8	4.0	5.5	1	43.9	-0.9	0.6	1018.1	-0.1	25.5	-32767.0	22.0	22.0	NoChan*
13:31:31	29	37.0	-95	10.0	3.9	4.0	5.6	3	NoChan*	0.0	0.3	-0.0	0.0	-0.7	-32767.0	33.7	33.7	-32767.0
13:31:30	29	37.0	-95	10.0	-32767.0	-32767.0	-32767	15	NoChan*	0.0	-0.1	-0.3	0.6	0.0	-32767.0	-32767.0	-32767.0	-327
13:32:00	29	37.0	-95	9.9	-0.0	-0.0	0.0	38	43.4	-1.2	0.7	1018.3	-0.2	25.3	-32767.0	21.6	21.6	NoChan*
13:32:00	29	37.0	-95	9.9	-0.1	0.0	0.1	2	43.4	-1.3	0.6	1018.1	-0.2	25.3	-32767.0	22.1	22.1	NoChan*
13:32:01	29	37.1	-95	9.9	0.0	-0.0	0.0	5	NoChan*	0.2	0.7	0.0	0.0	-0.7	-32767.0	33.5	33.5	-32767.0
13:32:00	29	37.1	-95	9.9	-32767.0	-32767.0	-32767	16	NoChan*	0.2	0.1	0.1	0.5	0.0	-32767.0	-32767.0	-32767.0	-327
13:32:30	29	37.0	-95	9.9	-0.1	-0.0	0.1	38	43.7	-1.4	0.7	1018.5	-0.3	25.3	-32767.0	21.5	21.5	NoChan*
13:32:30	29	37.0	-95	9.9	-0.1	0.0	0.1	1	43.4	-1.4	0.6	1018.3	-0.2	25.1	-32767.0	22.0	22.0	NoChan*
13:32:31	29	37.1	-95	9.9	-0.0	-0.0	0.0	5	NoChan*	0.1	0.8	0.0	0.0	-0.6	-32767.0	33.5	33.5	-32767.0
13:32:30	29	37.1	-95	9.9	-32767.0	-32767.0	-32767	16	NoChan*	0.2	0.0	0.1	0.6	0.0	-32767.0	-32767.0	-32767.0	-327
13:33:00	29	37.0	-95	9.9	-0.0	-0.0	0.0	38	43.3	-1.1	0.6	1018.3	-0.3	25.2	-32767.0	21.5	21.5	NoChan*
13:33:00	29	37.0	-95	9.9	-0.1	0.0	0.1	1	43.4	-1.2	0.6	1018.1	-0.3	25.1	-32767.0	22.0	22.0	NoChan*
13:33:01	29	37.1	-95	9.9	0.0	0.0	0.0	7	NoChan*	0.6	0.5	0.2	0.0	-0.7	-32767.0	33.3	33.3	-32767.0
13:33:00	29	37.1	-95	9.9	-32767.0	-32767.0	-32767	16	NoChan*	-0.0	-0.1	0.1	0.5	0.0	-32767.0	-32767.0	-32767.0	-327
13:33:30	29	37.0	-95	9.9	-0.0	-0.0	0.0	38	43.3	-1.1	0.6	1018.3	-0.3	25.2	-32767.0	21.5	21.5	NoChan*
13:33:30	29	37.0	-95	9.9	-0.1	0.0	0.1	1	43.4	-1.2	0.6	1018.1	-0.2	25.1	-32767.0	22.0	22.0	NoChan*
13:33:31	29	37.1	-95	9.9	0.0	0.0	0.0	10	NoChan*	0.5	0.4	0.1	0.0	-0.7	-32767.0	33.3	33.3	-32767.0
13:33:30	29	37.1	-95	9.9	-32767.0	-32767.0	-32767	16	NoChan*	-0.0	-0.1	0.1	0.5	0.0	-32767.0	-32767.0	-32767.0	-327
13:34:00	29	37.0	-95	9.9	-0.0	-0.0	0.0	38	43.4	-1.1	0.7	1018.3	-0.3	25.2	-32767.0	21.4	21.4	NoChan*
13:34:00	29	37.0	-95	9.9	-0.1	0.0	0.1	1	43.4	-1.2	0.6	1018.2	-0.3	25.1	-32767.0	22.0	22.0	NoChan*
13:34:01	29	37.1	-95	9.9	0.0	0.0	0.0	12	NoChan*	0.2	0.4	0.1	0.0	-0.7	-32767.0	33.1	33.1	-32767.0
13:34:00	29	37.1	-95	9.9	-32767.0	-32767.0	-32767	16	NoChan*	-0.0	-0.1	0.1	0.6	0.0	-32767.0	-32767.0	-32767.0	-327
13:34:30	29	37.0	-95	9.9	-0.0	-0.0	0.0	38	43.6	-1.1	0.6	1018.3	-0.2	25.3	-32767.0	21.4	21.4	NoChan*
13:34:30	29	37.0	-95	9.9	-0.1	0.0	0.1	1	43.4	-1.2	0.6	1018.2	-0.2	25.2	-32767.0	21.8	21.8	NoChan*
13:34:31	29	37.1	-95	9.9	0.0	-0.0	0.0	13	NoChan*	0.0	0.4	-0.0	0.0	-0.7	-32767.0	33.3	33.3	-32767.0
13:34:30	29	37.1	-95	9.9	-32767.0	-32767.0	-32767	16	NoChan*	-0.0	-0.0	0.1	0.6	0.0	-32767.0	-32767.0	-32767.0	-327
13:35:00	29	37.0	-95	9.9	-0.0	-0.0	0.0	38	43.3	-1.1	0.6	1018.4	-0.2	25.5	-32767.0	21.4	21.4	NoChan*
13:35:00	29	37.0	-95	9.9	-0.1	0.0	0.1	1	43.4	-1.2	0.6	1018.2	-0.2	25.4	-32767.0	22.0	22.0	NoChan*
13:35:01	29	37.1	-95	9.9	-0.0	-0.0	0.0	14	NoChan*	0.2	0.3	0.0	0.0	-0.7	-32767.0	33.6	33.6	-32767.0
13:35:00	29	37.1	-95	9.9	-32767.0	-32767.0	-32767	16	NoChan*	-0.0	-0.0	0.1	0.6	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

13:35:30	29	37.0	-95	9.9	-0.0	0.0	0.0	38	43.3	-1.1	0.6	1018.4	-0.3	25.5	-32767.0	21.5	21.5	NoChan*
13:35:30	29	37.0	-95	9.9	-0.1	0.0	0.1	1	43.4	-1.2	0.6	1018.2	-0.2	25.4	-32767.0	22.1	22.1	NoChan*
13:35:31	29	37.1	-95	9.9	0.0	-0.0	0.0	12	NoChan*	0.2	0.3	0.0	0.0	-0.7	-32767.0	33.5	33.5	-32767.0
13:35:30	29	37.1	-95	9.9	-32767.0	-32767.0	-32767	16	NoChan*	-0.0	-0.0	0.1	0.6	0.0	-32767.0	-32767.0	-32767.0	-327
13:36:00	29	37.0	-95	9.9	-0.0	0.0	0.0	38	43.4	-1.1	0.7	1018.4	-0.3	25.5	-32767.0	21.5	21.5	NoChan*
13:36:00	29	37.0	-95	9.9	-0.1	0.0	0.1	1	43.4	-1.2	0.6	1018.2	-0.2	25.4	-32767.0	22.2	22.2	NoChan*
13:36:01	29	37.1	-95	9.9	0.0	-0.0	0.0	10	NoChan*	0.3	0.2	0.0	0.0	-0.7	-32767.0	33.6	33.6	-32767.0
13:36:00	29	37.1	-95	9.9	-32767.0	-32767.0	-32767	16	NoChan*	0.0	0.0	0.1	0.6	0.0	-32767.0	-32767.0	-32767.0	-327
13:36:30	29	37.0	-95	9.9	4.4	3.7	5.7	38	50.6	-0.6	0.3	1018.3	-0.2	25.6	-32767.0	21.6	21.6	NoChan*
13:36:30	29	37.0	-95	9.9	4.3	3.8	5.7	1	50.3	-0.6	0.3	1018.3	-0.2	25.4	-32767.0	22.4	22.4	NoChan*
13:36:31	29	37.1	-95	9.9	4.4	3.8	5.8	11	NoChan*	-0.1	0.1	0.3	0.2	-0.7	-32767.0	33.9	33.9	-32767.0
13:36:30	29	37.1	-95	9.9	-32767.0	-32767.0	-32767	16	NoChan*	1.2	0.5	0.0	0.8	0.0	-32767.0	-32767.0	-32767.0	-327
13:37:00	29	36.9	-95	9.8	0.5	-25.0	25.0	38	179.1	-1.1	-0.1	1018.3	5.1	25.4	25.0	21.4	21.4	NoChan*
13:37:00	29	36.9	-95	9.8	0.4	-25.0	25.0	1	179.4	-1.2	-0.3	1018.6	5.1	25.3	24.9	21.8	21.8	NoChan*
13:37:01	29	37.0	-95	9.9	0.5	-24.1	24.1	9	NoChan*	-1.2	-0.2	6.3	6.3	-0.7	-1.0	33.2	33.2	81.3
13:37:00	29	37.0	-95	9.9	296.6	342.6	-45	16	NoChan*	-0.9	-0.2	5.3	5.9	0.0	56.0	176.0	4.3	29.3
13:37:30	29	36.1	-95	9.8	0.9	-70.6	70.6	38	180.4	3.6*	-0.7	1014.4	33.6	27.1	24.4	21.3	21.3	NoChan*
13:37:30	29	36.1	-95	9.8	0.7	-70.6	70.6	26	180.2	3.6*	-0.9	*1015.3	33.7	27.0	24.3	22.0	22.0	NoChan*
13:37:31	29	36.1	-95	9.8	0.8	-70.4	70.4	32	NoChan*	10.9	-2.7	34.6	38.1	-0.6	-3.1	34.1	34.1	84.2
13:37:30	29	36.1	-95	9.8	296.2	342.3	-17*	39	NoChan*	-13.8	-4.4	33.9	35.2	0.0	143.4	161.9	4.7	75.2
13:38:00	29	35.0	-95	9.3	62.6	-53.4	82.3	38	138.0	7.4*	-0.5	994.0	43.7	26.4	22.8	20.5	20.5	NoChan*
13:38:00	29	35.0	-95	9.3	62.4	-53.4	82.1	198	137.7	7.4*	-0.6	996.6	43.7	26.4	22.7	21.4	21.4	NoChan*
13:38:01	29	35.1	-95	9.3	62.9	-53.0	82.3	202	NoChan*	24.0	-0.9	44.1	50.9	-0.6	-3.9	34.0	34.0	87.8
13:38:00	29	35.1	-95	9.3	296.3	340.7	140	208	NoChan*	-36.6*	-12.6	43.1	47.1	0.0	163.2	178.6	5.3	86.1
13:38:30	29	34.0	-95	8.0	76.9	-64.4	100.3	38	130.9	4.5	1.3*	977.7	64.3	26.8	21.6	20.2	20.2	NoChan*
13:38:30	29	34.0	-95	8.0	76.7	-64.4	100.2	334	131.0	4.4	1.3*	980.2	64.3	26.7	21.4	21.0	21.0	NoChan*
13:38:31	29	34.1	-95	8.0	76.8	-64.3	100.1	343	NoChan*	8.3	-10.5	67.4	70.9	-0.6	-5.4	33.9	33.9	93.1
13:38:30	29	34.1	-95	8.0	296.4	340.8	279	348	NoChan*	2.7	1.7	64.7	67.3	0.0	197.3	164.3	5.0	104.6
13:39:00	29	33.1	-95	6.5	88.9	-42.0	98.3	38	119.3	9.5	1.9*	941.5	60.5	25.1	20.0	16.6	16.6	NoChan*
13:39:00	29	33.1	-95	6.5	88.7	-42.0	98.1	668	119.4	9.3	1.9*	944.4	60.6	25.1	19.8	17.4	17.4	NoChan*
13:39:01	29	33.2	-95	6.5	89.1	-41.9	98.4	669	NoChan*	13.1	-10.5	63.9	67.5	-0.5	-5.3	30.5	30.5	81.8
13:39:00	29	33.2	-95	6.5	298.0	335.0	590	671	NoChan*	-1.4	0.5	60.9	64.0	0.0	191.5	178.6	8.3	103.1
13:39:30	29	32.4	-95	4.8	91.7	-40.4	100.2	961	118.2	2.5	-2.4	909.4	62.0	23.0	17.6	15.7	15.7	NoChan*
13:39:30	29	32.4	-95	4.9	91.5	-40.4	100.0	972	118.3	2.4	-2.5	911.9	62.1	22.9	17.4	16.2	16.2	NoChan*
13:39:31	29	32.5	-95	4.9	91.4	-40.4	99.9	973	NoChan*	14.8	-9.1	64.0	68.8	-0.7	-5.7	29.5	29.5	90.0
13:39:30	29	32.5	-95	4.9	298.5	334.9	880	977	NoChan*	-14.9	-4.2	62.4	65.1	0.0	193.9	162.3	8.1	105.7
13:40:00	29	31.8	-95	3.1	90.1	-38.8	98.1	1282	118.8	9.6*	0.1	875.6	55.6	22.2	17.2	11.8	11.8	NoChan*
13:40:00	29	31.8	-95	3.2	90.0	-38.8	98.0	1288	118.4	9.6*	-0.0	878.5	55.6	22.0	16.9	13.5	13.5	NoChan*
13:40:01	29	31.9	-95	3.2	90.2	-39.1	98.3	1292	NoChan*	17.9	-7.8	58.3	62.3	-0.5	-5.2	24.1	24.1	71.5
13:40:00	29	31.9	-95	3.2	301.2	330.9	1188	1295	NoChan*	-10.2	-2.7	56.0	59.0	0.0	183.7	185.1	8.6	101.9

A/C 43, Flgt 040515I, Micro99 date 2004/05/18, Proj wvssx Run on Mon May 24 15:38:14 2004

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	L

A/C 43, Flgt 040515I, Micro99 date 2004/05/18, Proj wvssx Run on Mon May 24 15:38:14 2004

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
13:45:30	29 22.5	-94 42.0	108.6	-63.3	125.7	4001	121.6	5.1*	-0.6	631.5	65.7	7.4	-0.1	-2.5	-2.8	NoChan*
13:45:30	29 22.5	-94 42.1	108.4	-63.4	125.5	3997	121.7	4.9*	-0.7	634.7	65.7	7.1	-0.7	-1.8	-2.0	NoChan*
13:45:31	29 22.5	-94 42.1	108.6	-63.5	125.8	3999	NoChan*	14.4	-9.4	67.6	71.8	-0.6	-8.1	7.9	7.9	83.2
13:45:30	29 22.5	-94 42.1	310.8	326.5	3774	3997	NoChan*	-12.1	-3.4	66.0	69.5	0.1	199.3	234.8	1.3	125.3
13:46:00	29 21.4	-94 40.0	109.6	-64.3	127.1	4209	122.0	5.4	-0.6	615.5	67.0	7.7	-0.2	-6.2	-7.0	NoChan*
13:46:00	29 21.4	-94 40.0	109.4	-64.3	126.9	4199	121.7	5.3	-0.8	619.0	67.0	7.5	-0.6	-6.9	-7.8	NoChan*
13:46:01	29 21.5	-94 40.0	109.7	-64.4	127.2	4204	NoChan*	10.5	-12.0	68.5	73.0	-0.8	-8.6	9.2	9.2	60.5
13:46:00	29 21.5	-94 40.0	313.1	325.0	3968	4200	NoChan*	-16.7	-5.3	67.2	70.8	0.1	201.3	169.8	1.0	128.0
13:46:30	29 20.4	-94 37.9	109.1	-61.9	125.5	4441	120.4	5.5	-0.9	597.5	63.4	6.2	-1.5	-7.3	-8.3	NoChan*
13:46:30	29 20.4	-94 38.0	108.9	-61.9	125.3	4439	120.4	5.4	-1.0	600.8	63.4	5.9	-2.0	-7.6	-8.6	NoChan*
13:46:31	29 20.5	-94 38.0	109.1	-62.2	125.6	4441	NoChan*	13.5	-10.2	65.2	69.2	-0.3	-8.0	5.2	5.2	60.6
13:46:30	29 20.5	-94 38.0	314.2	325.5	4196	4437	NoChan*	-12.0	-3.5	63.7	67.0	0.1	195.9	122.3	0.4	126.1
13:47:00	29 19.4	-94 35.9	112.5	-57.8	126.5	4640	117.7	4.2	-1.1	583.0	59.4	5.7	-1.7	-10.3	-11.6	NoChan*
13:47:00	29 19.4	-94 36.0	112.4	-57.8	126.4	4635	117.9	4.1	-1.2*	586.1	59.4	5.4	-2.2	-14.5	-16.3	NoChan*
13:47:01	29 19.5	-94 36.0	112.4	-58.0	126.5	4640	NoChan*	10.3	-10.1	61.1	64.7	-0.6	-8.0	-0.7	-0.8	47.3
13:47:00	29 19.5	-94 36.0	316.2	325.2	4385	4635	NoChan*	-11.9	-3.6	59.6	62.7	0.1	189.7	314.1	3.2	123.6
13:47:30	29 18.5	-94 33.7	124.2	-47.9	133.2	4750	110.1*	4.2	-9.2*	575.0	64.6	6.4	-1.7	-14.4	-16.2	NoChan*
13:47:30	29 18.5	-94 33.8	124.1	-48.0	133.0	4745	110.3*	4.1	-9.3*	578.2	64.7	6.1	-2.2	-24.8	-27.5	NoChan*
13:47:31	29 18.5	-94 33.8	124.0	-48.6	133.2	4743	NoChan*	12.6	-10.0	66.3	70.2	-0.8	-8.9	-0.7	-0.8	32.6
13:47:30	29 18.5	-94 33.8	317.4	323.9	4488	4742	NoChan*	-10.3	-3.0	64.9	68.2	0.1	197.7	330.9	4.9	129.5
13:48:00	29 18.1	-94 31.3	139.3	-1.4	139.3	4806	89.7*	1.3	-10.4	570.8	72.1	6.7	-2.3	-17.0	-19.0	NoChan*
13:48:00	29 18.1	-94 31.4	139.1	-1.4	139.1	4800	89.6*	1.3	-10.5	574.2	72.2	6.5	-2.8	-22.4	-24.9	NoChan*
13:48:01	29 18.1	-94 31.4	139.2	-2.3	139.2	4798	NoChan*	8.9	-10.1	73.3	77.6	-0.7	-9.7	-1.0	-1.2	26.7
13:48:00	29 18.1	-94 31.4	317.4	322.5	4540	4800	NoChan*	-12.3	-3.6	72.4	75.7	0.1	208.6	322.7	4.0	136.9
13:48:30	29 18.4	-94 28.7	139.3	39.9	144.9	4793	73.6	0.6	-3.8*	571.2	79.8	7.7	-2.2	-18.8	-20.9	NoChan*
13:48:30	29 18.4	-94 28.8	139.2	39.8	144.8	4786	73.4	0.5	-3.9*	575.3	79.9	7.5	-2.7	-21.4	-23.8	NoChan*
13:48:31	29 18.4	-94 28.8	139.3	39.4	144.8	4786	NoChan*	2.7	-14.1	81.1	85.3	-0.4	-10.3	1.9	1.9	22.5
13:48:30	29 18.4	-94 28.8	317.3	321.8	4526	4788	NoChan*	-11.8	-3.2	80.0	84.1	0.1	219.2	315.2	2.9	143.5
13:49:00	29 19.1	-94 26.1	140.5	42.3	146.7	4790	72.8	1.1	-0.3	571.3	81.1	8.1	-1.9	-20.0	-22.2	NoChan*
13:49:00	29 19.1	-94 26.2	140.4	42.3	146.6	4785	73.0	1.0	-0.3	575.5	81.2	7.9	-2.4	-21.0	-23.4	NoChan*
13:49:01	29 19.1	-94 26.2	140.5	42.3	146.7	4783	NoChan*	4.2	-15.5	81.9	86.6	-0.7	-10.7	0.0	0.0	19.7
13:49:00	29 19.1	-94 26.2	317.6	321.6	4523	4784	NoChan*	-16.3	-4.9	81.3	85.5	0.1	221.0	313.0	4.1	144.7
13:49:30	29 19.8	-94 23.5	138.9	45.8	146.3	4795	70.7	1.2	-1.8	570.8	81.0	8.0	-2.1	-19.0	-21.2	NoChan*
13:49:30	29 19.8	-94 23.6	138.9	45.8	146.2	4791	70.9	1.1	-2.0	575.1	81.1	7.8	-2.6	-20.3	-22.6	NoChan*
13:49:31	29 19.8	-94 23.6	139.0	45.5	146.3	4789	NoChan*	3.8	-15.1	82.4	86.6	-0.2	-10.3	0.4	0.4	21.8
13:49:30	29 19.8	-94 23.6	317.5	321.8	4529	4790	NoChan*	-9.4	-2.3	81.3	85.4	0.1	220.9	316.4	3.9	144.7
13:50:00	29 20.6	-94 20.9	137.6	50.8	146.7	4790	69.4	1.4	-1.8	571.2	81.3	8.0	-2.1	-18.9	-21.0	NoChan*
13:50:00	29 20.6	-94 21.0	137.6	50.7	146.6	4784	69.3	1.3	-1.9	575.5	81.4	7.8	-2.6	-20.3	-22.6	NoChan*
13:50:01	29 20.6	-94 21.0	137.7	50.5	146.7	4783	NoChan*	4.2	-14.2	82.6	86.9	-0.3	-10.4	0.6	0.6	22.2
13:50:00	29 20.6	-94 21.0	317.4	321.8	4523	4784	NoChan*	-10.2	-2.6	81.6	85.7	0.1	221.2	298.6	2.9	144.8

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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
13:50:30	29 21.4	-94 18.4	137.0	52.1	146.5	4797	69.0	1.1	0.7	570.6	80.0	7.7	-2.2	-20.1	-22.4	NoChan*
13:50:30	29 21.4	-94 18.5	136.9	52.0	146.5	4790	68.8	1.1	0.6	575.0	80.0	7.5	-2.8	-22.4	-24.9	NoChan*
13:50:31	29 21.4	-94 18.5	137.0	51.9	146.5	4794	NoChan*	3.1	-14.8	81.4	85.5	-0.8	-10.7	0.2	0.2	19.9
13:50:30	29 21.4	-94 18.5	317.3	321.3	4531	4791	NoChan*	-9.5	-2.4	80.2	84.4	0.1	219.4	278.2	3.2	143.7
13:51:00	29 22.2	-94 15.8	138.3	46.5	145.9	4813	71.0	0.2	-0.1	569.6	79.3	7.6	-2.3	-19.9	-22.2	NoChan*
13:51:00	29 22.2	-94 16.0	138.3	46.4	145.9	4804	71.1	0.1	-0.1	573.9	79.4	7.4	-2.8	-21.3	-23.6	NoChan*
13:51:01	29 22.2	-94 16.0	138.3	46.2	145.8	4807	NoChan*	0.4	-16.2	80.8	84.7	-1.0	-10.9	1.1	1.1	20.3
13:51:00	29 22.2	-94 16.0	317.5	321.5	4544	4805	NoChan*	-9.1	-2.2	79.5	83.8	0.1	218.5	289.0	3.4	143.3
13:51:30	29 23.0	-94 13.3	139.6	47.6	147.5	4793	70.7	1.6	-0.7	570.7	80.3	7.4	-2.5	-16.9	-18.9	NoChan*
13:51:30	29 23.0	-94 13.4	139.6	47.5	147.4	4789	70.9	1.5	-0.7	575.1	80.4	7.2	-3.1	-19.4	-21.6	NoChan*
13:51:31	29 23.0	-94 13.4	139.7	47.3	147.5	4787	NoChan*	4.1	-14.3	81.9	85.9	-0.8	-10.8	1.9	1.9	27.5
13:51:30	29 23.0	-94 13.4	316.9	322.2	4528	4787	NoChan*	-7.7	-1.7	80.6	84.9	0.1	219.9	280.8	4.1	143.9
13:52:00	29 23.8	-94 10.7	140.4	47.0	148.0	4799	71.3	0.9	0.8	570.4	81.4	7.5	-2.6	-18.5	-20.6	NoChan*
13:52:00	29 23.8	-94 10.8	140.4	46.9	148.0	4794	71.2	0.8	0.7	574.9	81.4	7.3	-3.1	-21.1	-23.4	NoChan*
13:52:01	29 23.8	-94 10.8	140.4	46.8	148.0	4791	NoChan*	2.7	-14.3	82.7	86.9	-0.8	-10.9	1.5	1.5	23.8
13:52:00	29 23.8	-94 10.8	316.9	321.5	4532	4791	NoChan*	-9.7	-2.4	81.6	85.9	0.1	221.3	280.3	3.7	144.8
13:52:30	29 24.5	-94 8.1	140.5	46.8	148.1	4797	71.7	1.1	-0.9	570.4	81.1	7.3	-2.7	-15.1	-16.9	NoChan*
13:52:30	29 24.5	-94 8.2	140.5	46.8	148.1	4794	71.5	1.1	-1.0	574.9	81.2	7.1	-3.3	-16.4	-18.3	NoChan*
13:52:31	29 24.5	-94 8.2	140.7	46.5	148.1	4788	NoChan*	3.3	-14.6	82.5	86.7	-0.7	-10.8	1.9	1.9	33.0
13:52:30	29 24.5	-94 8.2	316.8	322.9	4532	4791	NoChan*	-9.4	-2.4	81.4	85.7	0.1	221.0	264.2	3.6	144.6
13:53:00	29 25.3	-94 5.5	140.8	46.2	148.2	4806	72.1	1.7	-0.3*	569.9	80.5	6.9	-3.0	-12.2	-13.6	NoChan*
13:53:00	29 25.3	-94 5.6	140.8	46.1	148.2	4798	72.2	1.6	-0.3*	574.3	80.5	6.7	-3.6	-12.3	-13.8	NoChan*
13:53:01	29 25.3	-94 5.6	140.9	45.9	148.2	4796	NoChan*	5.9	-14.3	81.9	86.1	-0.2	-10.2	2.2	2.2	44.3
13:53:00	29 25.3	-94 5.6	316.5	324.4	4539	4797	NoChan*	-9.1	-2.2	80.8	85.0	0.1	220.1	257.3	4.2	144.1
13:53:30	29 26.0	-94 2.9	142.8	43.3	149.3	4797	73.2	1.3	-0.1	570.4	81.9	7.1	-3.0	-11.3	-12.7	NoChan*
13:53:30	29 26.0	-94 3.0	142.8	43.3	149.3	4791	73.4	1.2	-0.2	575.0	81.9	6.9	-3.5	-11.7	-13.1	NoChan*
13:53:31	29 26.0	-94 3.0	142.9	43.1	149.3	4790	NoChan*	3.7	-14.0	83.4	87.5	-0.7	-10.8	2.7	2.7	47.6
13:53:30	29 26.0	-94 3.0	316.5	324.9	4530	4789	NoChan*	-7.8	-1.7	82.2	86.5	0.1	222.0	261.0	4.1	145.2
13:54:00	29 26.7	-94 0.2	142.0	46.5	149.4	4801	72.6	0.9	-0.2	570.1	82.5	6.9	-3.3	-10.5	-11.7	NoChan*
13:54:00	29 26.7	-94 0.3	142.0	46.4	149.4	4793	72.5	0.8	-0.4	574.8	82.5	6.7	-3.8	-10.8	-12.1	NoChan*
13:54:01	29 26.7	-94 0.3	142.1	46.2	149.4	4792	NoChan*	1.7	-15.1	84.0	88.0	-1.2	-11.4	3.1	3.1	52.6
13:54:00	29 26.7	-94 0.3	316.1	325.2	4533	4793	NoChan*	-7.5	-1.6	82.7	87.2	0.1	222.7	235.3	3.9	145.6
13:54:30	29 27.5	-93 57.6	142.7	45.8	149.9	4800	73.0	0.9	0.7*	570.1	82.7	7.1	-3.1	-10.0	-11.2	NoChan*
13:54:30	29 27.5	-93 57.7	142.8	45.8	149.9	4794	72.8	0.8	0.7*	574.9	82.7	6.9	-3.7	-10.5	-11.8	NoChan*
13:54:31	29 27.5	-93 57.7	142.8	45.5	149.9	4789	NoChan*	2.0	-15.1	84.2	88.3	-0.8	-11.0	2.2	2.2	54.2
13:54:30	29 27.5	-93 57.7	316.3	325.8	4532	4792	NoChan*	-7.8	-1.8	82.9	87.4	0.1	223.0	234.4	4.2	145.9
13:55:00	29 28.3	-93 55.0	140.0	54.6	150.3	4801	69.1	0.9	-2.1	570.1	82.8	7.1	-3.1	-10.7	-12.1	NoChan*
13:55:00	29 28.3	-93 55.1	140.1	54.6	150.4	4793	69.2	0.8	-2.2	574.8	82.9	6.9	-3.6	-10.9	-12.3	NoChan*
13:55:01	29 28.3	-93 55.1	140.2	54.1	150.3	4792	NoChan*	0.7	-15.4	84.4	88.4	-0.5	-10.8	-0.6	-0.7	50.4
13:55:00	29 28.3	-93 55.1	316.4	325.2	4532	4792	NoChan*	-6.7	-1.4	83.0	87.5	0.1	223.2	242.5	4.4	146.0

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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
13:55:30	29 29.3	-93 52.4	134.4	67.1	150.3	4800	64.0	0.9	-0.9	570.0	84.0	7.2	-3.1	-10.4	-11.7	NoChan*
13:55:30	29 29.3	-93 52.5	134.5	67.1	150.3	4794	64.2	0.8	-1.0	574.8	84.0	7.0	-3.7	-10.7	-12.0	NoChan*
13:55:31	29 29.3	-93 52.5	134.6	66.8	150.2	4791	NoChan*	0.3	-15.9	85.4	89.5	-0.8	-11.2	1.4	1.4	52.3
13:55:30	29 29.3	-93 52.5	316.3	325.5	4533	4793	NoChan*	-8.8	-2.1	84.2	88.7	0.1	224.7	235.7	3.3	146.9
13:56:00	29 30.4	-93 50.0	130.7	74.0	150.3	4800	61.2	0.9	-1.9	570.0	83.5	7.2	-3.1	-9.6	-10.8	NoChan*
13:56:00	29 30.4	-93 50.0	130.9	74.0	150.3	4794	61.2	0.8	-2.0*	574.8	83.5	7.0	-3.6	-10.0	-11.2	NoChan*
13:56:01	29 30.4	-93 50.1	131.0	73.6	150.2	4798	NoChan*	0.8	-15.8	85.0	89.0	-0.6	-11.0	0.0	0.0	55.8
13:56:00	29 30.4	-93 50.1	316.4	326.1	4533	4793	NoChan*	-8.1	-1.8	83.7	88.2	0.1	224.1	223.7	3.9	146.6
13:56:30	29 31.7	-93 47.6	126.3	79.7	149.4	4800	58.6	1.0	2.2	570.0	82.2	7.0	-3.1	-9.8	-11.1	NoChan*
13:56:30	29 31.7	-93 47.7	126.4	79.7	149.4	4795	58.4	0.9	2.1	574.8	82.3	6.8	-3.7	-10.0	-11.2	NoChan*
13:56:31	29 31.6	-93 47.7	126.3	79.6	149.3	4795	NoChan*	1.7	-15.8	83.7	87.8	-0.9	-11.1	2.1	2.1	55.0
13:56:30	29 31.6	-93 47.7	316.3	325.9	4533	4793	NoChan*	-8.0	-1.9	82.5	87.0	0.1	222.4	217.7	4.1	145.5
13:57:00	29 32.9	-93 45.2	128.9	74.2	148.7	4798	60.9	1.1	2.1	570.1	81.5	6.7	-3.4	-10.8	-12.1	NoChan*
13:57:00	29 32.9	-93 45.3	129.0	74.2	148.8	4792	61.0	1.0	2.0	574.8	81.6	6.5	-3.9	-10.7	-12.0	NoChan*
13:57:01	29 32.9	-93 45.3	128.9	74.1	148.7	4790	NoChan*	2.1	-15.5	83.0	87.1	-0.7	-10.8	2.2	2.2	51.3
13:57:00	29 32.9	-93 45.3	316.0	324.9	4532	4794	NoChan*	-8.8	-2.1	81.8	86.2	0.1	221.5	224.6	4.0	144.8
13:57:30	29 34.1	-93 42.8	129.5	71.3	147.8	4800	62.1	1.1	0.1	570.2	80.7	6.5	-3.5	-10.9	-12.2	NoChan*
13:57:30	29 34.1	-93 42.9	129.6	71.3	148.0	4793	62.3	1.0	0.0	574.8	80.8	6.3	-4.0	-11.5	-12.9	NoChan*
13:57:31	29 34.1	-93 42.9	129.6	71.0	147.8	4791	NoChan*	2.7	-15.5	82.1	86.2	-0.5	-10.5	1.3	1.3	51.5
13:57:30	29 34.1	-93 42.9	315.9	324.6	4533	4793	NoChan*	-8.8	-2.1	81.0	85.3	0.1	220.4	221.7	4.0	144.1
13:58:00	29 35.3	-93 40.4	132.3	64.9	147.3	4799	64.9	1.0	3.1	570.0	81.5	6.5	-3.5	-10.0	-11.2	NoChan*
13:58:00	29 35.3	-93 40.5	132.4	64.8	147.5	4794	64.8	0.9	3.0	574.7	81.5	6.3	-4.0	-10.9	-12.3	NoChan*
13:58:01	29 35.2	-93 40.5	132.3	64.7	147.3	4793	NoChan*	2.2	-14.9	83.0	87.0	-0.4	-10.6	2.3	2.3	55.8
13:58:00	29 35.2	-93 40.5	315.9	325.3	4534	4795	NoChan*	-7.3	-1.5	81.7	86.2	0.1	221.4	209.0	3.2	144.7
13:58:30	29 36.3	-93 37.9	133.7	61.2	147.0	4799	67.3	1.1	1.3*	570.1	80.7	6.2	-3.7	-9.9	-11.2	NoChan*
13:58:30	29 36.3	-93 38.0	133.9	61.2	147.2	4794	67.1	1.0	1.2*	574.8	80.8	6.0	-4.3	-11.5	-12.9	NoChan*
13:58:31	29 36.2	-93 38.0	133.8	61.0	147.0	4793	NoChan*	2.6	-14.8	82.2	86.3	-0.9	-11.0	2.7	2.7	57.0
13:58:30	29 36.2	-93 38.0	315.6	325.1	4533	4794	NoChan*	-8.2	-1.9	81.0	85.4	0.1	220.4	193.2	5.0	144.0
13:59:00	29 37.2	-93 35.4	136.3	52.8	146.2	4800	70.4	1.1	2.2	570.1	80.5	6.1	-3.8	-10.3	-11.6	NoChan*
13:59:00	29 37.2	-93 35.5	136.5	52.8	146.4	4794	70.5	0.9	2.1	574.8	80.5	5.9	-4.4	-12.0	-13.4	NoChan*
13:59:01	29 37.1	-93 35.5	136.5	52.6	146.3	4792	NoChan*	2.5	-14.7	82.1	86.0	-0.9	-10.9	2.6	2.6	55.4
13:59:00	29 37.1	-93 35.5	315.5	324.6	4533	4794	NoChan*	-6.9	-1.5	80.7	85.4	0.1	220.1	195.0	4.2	143.8
13:59:30	29 38.1	-93 32.9	133.3	60.4	146.3	4797	67.2	1.3	-3.1	570.3	79.3	5.9	-3.9	-10.9	-12.2	NoChan*
13:59:30	29 38.1	-93 33.0	133.5	60.4	146.5	4794	67.4	1.1	-3.2	574.8	79.4	5.7	-4.4	-13.6	-15.2	NoChan*
13:59:31	29 38.0	-93 33.0	133.5	59.9	146.3	4795	NoChan*	3.8	-14.5	80.8	84.8	-1.0	-10.9	2.4	2.4	53.1
13:59:30	29 38.0	-93 33.0	315.4	324.2	4533	4793	NoChan*	-9.2	-2.2	79.6	84.0	0.1	218.5	205.8	4.6	142.8
14:00:00	29 39.1	-93 30.5	126.6	71.2	145.3	4815	62.3	1.0	-2.2*	569.0	78.5	5.8	-3.9	-12.4	-13.9	NoChan*
14:00:00	29 39.1	-93 30.6	126.9	71.2	145.5	4810	62.3	0.9	-2.3*	573.4	78.6	5.6	-4.5	-13.5	-15.1	NoChan*
14:00:01	29 39.0	-93 30.6	126.9	70.7	145.2	4814	NoChan*	3.5	-15.7	79.9	84.0	-0.5	-10.3	2.2	2.2	46.2
14:00:00	29 39.0	-93 30.6	315.6	323.3	4551	4812	NoChan*	-10.0	-2.6	78.8	83.0	0.1	217.5	197.5	4.2	142.2

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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
14:00:30	29 40.3	-93 28.1	126.2	73.9	146.2	4805	61.5	1.3	3.7	569.6	79.4	6.0	-3.8	-10.1	-11.4	NoChan*
14:00:30	29 40.3	-93 28.2	126.4	73.9	146.4	4801	61.2	1.2	3.6	574.3	79.4	5.7	-4.4	-13.4	-15.0	NoChan*
14:00:31	29 40.2	-93 28.2	126.3	73.8	146.2	4802	NoChan*	3.6	-14.2	81.0	84.9	-1.2	-11.0	1.5	1.5	56.4
14:00:30	29 40.2	-93 28.2	315.5	324.9	4540	4798	NoChan*	-6.8	-1.4	79.7	84.1	0.1	218.6	190.5	5.1	142.9
14:01:00	29 41.3	-93 25.7	140.5	30.7	143.8	4820	79.5*	2.1	12.8	568.4	79.0	5.8	-3.9	-12.0	-13.4	NoChan*
14:01:00	29 41.3	-93 25.8	140.7	30.7	144.0	4844	79.5*	2.0	12.7	573.2	79.0	5.6	-4.5	-13.2

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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
14:05:30	29 43.6	-93 2.4	126.7	70.1	144.8	4784	62.0	0.8	0.5	571.5	76.4	5.5	-4.0	-19.2	-21.4	NoChan*
14:05:30	29 43.6	-93 2.4	127.0	70.2	145.1	4757	62.1	0.6	0.4	575.8	76.5	5.2	-4.5	-24.0	-26.7	NoChan*
14:05:31	29 43.4	-93 2.5	126.8	69.8	144.7	4778	NoChan*	4.2	-13.6	77.7	81.9	-1.0	-10.6	-0.3	-0.4	24.8
14:05:30	29 43.4	-93 2.5	315.1	319.4	4519	4778	NoChan*	-10.7	-2.8	76.7	80.8	0.1	214.6	231.0	4.8	140.1
14:06:00	29 44.7	-93 0.0	129.1	65.7	144.9	4781	63.9	1.8*	-0.5*	570.7	75.9	5.7	-3.7	-22.5	-24.9	NoChan*
14:06:00	29 44.7	-93 0.0	129.4	65.9	145.2	4761	63.8	1.7*	-0.6*	575.0	75.9	5.4	-4.2	-22.5	-25.0	NoChan*
14:06:01	29 44.5	-93 0.1	129.3	65.4	144.9	4786	NoChan*	5.8	-14.4	77.2	81.4	-0.8	-10.3	-0.2	-0.2	17.7
14:06:00	29 44.5	-93 0.1	315.6	318.7	4530	4788	NoChan*	-10.4	-2.7	76.2	80.4	0.1	213.9	235.0	5.2	139.7
14:06:30	29 45.8	-92 57.6	129.1	66.9	145.5	4778	63.9	1.4	-1.1	571.0	75.8	5.5	-3.8	-20.4	-22.7	NoChan*
14:06:30	29 45.8	-92 57.6	129.5	67.1	145.8	4754	63.6	1.3	-1.2	575.2	75.8	5.3	-4.3	-23.4	-26.0	NoChan*
14:06:31	29 45.6	-92 57.7	129.3	66.6	145.5	4787	NoChan*	6.3	-13.6	77.1	81.3	-1.3	-10.7	-0.5	-0.5	21.8
14:06:30	29 45.6	-92 57.7	315.4	319.2	4528	4786	NoChan*	-9.5	-2.4	76.1	80.2	0.1	213.7	224.6	6.2	139.6
14:07:00	29 46.9	-92 55.2	129.5	69.2	146.8	4772	62.8	1.1	-0.1	571.6	77.1	5.7	-3.8	-23.1	-25.7	NoChan*
14:07:00	29 46.9	-92 55.2	129.9	69.4	147.2	4751	62.9	1.0	-0.1	576.0	77.1	5.5	-4.3	-24.7	-27.4	NoChan*
14:07:01	29 46.7	-92 55.3	129.7	68.9	146.8	4777	NoChan*	3.9	-12.9	78.6	82.6	-1.0	-10.6	-0.3	-0.3	16.6
14:07:00	29 46.7	-92 55.3	315.4	318.3	4518	4776	NoChan*	-8.0	-1.9	77.3	81.6	0.1	215.5	228.4	6.3	140.7
14:07:30	29 48.0	-92 52.8	131.9	65.7	147.4	4764	64.6	1.1	1.5*	572.2	77.6	5.8	-3.8	-21.8	-24.2	NoChan*
14:07:30	29 48.0	-92 52.8	132.3	65.9	147.8	4742	64.7	1.0	1.4*	576.5	77.7	5.6	-4.3	-22.8	-25.3	NoChan*
14:07:31	29 47.8	-92 52.9	132.0	65.5	147.4	4771	NoChan*	6.0	-12.2	79.1	83.1	-0.8	-10.5	-0.1	-0.1	18.9
14:07:30	29 47.8	-92 52.9	315.3	318.6	4510	4769	NoChan*	-7.6	-1.7	77.9	82.2	0.1	216.3	228.1	6.5	141.1
14:08:00	29 49.0	-92 50.3	133.2	62.1	147.0	4767	66.4	1.8	0.9	571.9	77.9	5.8	-3.8	-15.4	-17.3	NoChan*
14:08:00	29 49.0	-92 50.3	133.6	62.3	147.4	4747	66.4	1.7	0.8	576.2	77.9	5.6	-4.3	-21.6	-24.1	NoChan*
14:08:01	29 48.8	-92 50.4	133.4	61.9	147.1	4770	NoChan*	4.5	-13.1	79.4	83.5	-1.0	-10.7	-0.2	-0.2	34.6
14:08:00	29 48.8	-92 50.4	315.3	321.2	4514	4774	NoChan*	-8.0	-1.9	78.2	82.6	0.1	216.6	219.7	6.2	141.4
14:08:30	29 50.0	-92 47.8	135.0	60.1	147.8	4755	67.8	0.7	0.4	572.9	78.4	5.7	-4.0	-18.8	-20.9	NoChan*
14:08:30	29 50.0	-92 47.8	135.4	60.3	148.2	4730	67.5	0.6	0.3*	577.2	78.4	5.5	-4.5	-19.8	-22.0	NoChan*
14:08:31	29 49.8	-92 47.9	135.1	59.9	147.8	4758	NoChan*	4.1	-13.8	79.7	83.9	-1.4	-11.1	0.1	0.1	25.6
14:08:30	29 49.8	-92 47.9	315.0	319.3	4501	4761	NoChan*	-10.5	-2.7	78.6	83.0	0.1	217.3	220.3	6.9	141.6
14:09:00	29 50.9	-92 45.3	134.8	57.5	146.5	4781	68.6	1.5	0.5	571.7	77.3	5.6	-4.0	-16.0	-17.8	NoChan*
14:09:00	29 51.0	-92 45.3	135.2	57.8	147.0	4758	68.7	1.4	0.5	576.0	77.4	5.4	-4.5	-18.6	-20.7	NoChan*
14:09:01	29 50.8	-92 45.4	134.9	57.4	146.6	4778	NoChan*	3.9	-15.4	78.6	82.9	-1.1	-10.7	0.9	0.9	33.5
14:09:00	29 50.8	-92 45.4	315.1	320.8	4518	4778	NoChan*	-11.2	-3.0	77.6	82.0	0.1	215.9	221.3	6.3	140.9
14:09:30	29 51.9	-92 42.8	135.1	53.6	145.4	4794	69.8	0.9	0.5*	570.7	76.5	5.4	-4.0	-19.9	-22.1	NoChan*
14:09:30	29 51.9	-92 42.8	135.5	53.9	145.8	4771	70.0	0.7	0.4*	575.0	76.6	5.2	-4.5	-21.1	-23.5	NoChan*
14:09:31	29 51.7	-92 42.9	135.3	53.3	145.4	4790	NoChan*	-0.3	-17.0	78.0	81.8	-0.8	-10.3	-0.2	-0.2	23.3
14:09:30	29 51.7	-92 42.9	315.2	319.2	4531	4793	NoChan*	-9.8	-2.5	76.6	81.1	0.1	214.7	224.7	5.6	140.2
14:10:00	29 52.7	-92 40.3	133.2	58.2	145.3	4783	68.2	1.7	-2.6	571.1	77.1	5.8	-3.8	-23.1	-25.6	NoChan*
14:10:00	29 52.8	-92 40.3	133.6	58.4	145.8	4765	68.1	1.6	-2.8	575.3	77.1	5.6	-4.3	-27.6	-30.5	NoChan*
14:10:01	29 52.5	-92 40.4	133.5	57.8	145.4	4779	NoChan*	5.1	-14.5	78.3	82.6	-0.8	-10.4	-0.9	-1.0	16.7
14:10:00	29 52.5	-92 40.4	315.5	318.4	4526	4788	NoChan*	-11.5	-3.1	77.3	81.6	0.1	215.5	215.1	5.4	140.7

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
14:10:30	29 53.8	-92 37.8	130.8	64.1	145.7	4781	65.5	0.5	1.6	571.0	76.9	5.5	-4.0	-25.0	-27.7	NoChan*
14:10:30	29 53.8	-92 37.8	131.2	64.4	146.2	4756	65.2	0.4	1.5	575.2	77.0	5.3	-4.5	-26.2	-29.0	NoChan*
14:10:31	29 53.6	-92 37.9	130.9	63.9	145.7	4784	NoChan*	3.3	-14.8	78.3	82.3	-0.7	-10.3	-0.3	-0.3	14.1
14:10:30	29 53.6	-92 37.9	315.2	317.7	4527	4789	NoChan*	-9.1	-2.2	77.2	81.5	0.1	215.3	215.8	5.9	140.6
14:11:00	29 54.8	-92 35.4	131.1	64.2	146.0	4766	65.1	1.6	-1.0	572.2	77.8	5.9	-3.7	-18.2	-20.3	NoChan*
14:11:00	29 54.8	-92 35.3	131.6	64.5	146.5	4744	65.2	1.5	-1.0	576.4	77.9	5.7	-4.3	-22.0	-24.4	NoChan*
14:11:01	29 54.6	-92 35.4	131.4	63.9	146.1	4768	NoChan*	4.8	-13.7	79.1	83.4	-0.6	-10.3	0.1	0.1	26.6
14:11:00	29 54.6	-92 35.4	315.3	319.9	4511	4773	NoChan*	-10.7	-2.8	78.1	82.4	0.1	216.5	224.8	5.0	141.3
14:11:30	29 55.8	-92 33.0	131.0	63.8	145.7	4766	65.4	0.7	-0.1*	572.2	77.4	5.8	-3.7	-17.9	-19.9	NoChan*
14:11:30	29 55.9	-92 32.9	131.4	64.2	146.3	4740	65.6	0.6	-0.2*	576.4	77.4	5.6	-4.2	-18.8	-20.9	NoChan*
14:11:31	29 55.6	-92 33.0	131.2	63.6	145.8	4773	NoChan*	3.6	-13.6	78.6	82.8	-0.8	-10.4	0.2	0.2	27.5
14:11:30	29 55.6	-92 33.0	315.4	320.1	4511	4773	NoChan*	-10.9	-2.9	77.6	82.0	0.1	215.9	223.2	5.2	140.9
14:12:00	29 56.8	-92 30.5	132.9	59.7	145.7	4764	67.4	1.0	-1.1	572.4	78.8	5.8	-3.9	-18.5	-20.6	NoChan*
14:12:00	29 56.9	-92 30.4	133.3	60.1	146.2	4739	67.3	0.9	-1.2	576.7	78.9	5.6	-4.4	-18.1	-20.2	NoChan*
14:12:01	29 56.6	-92 30.5	133.1	59.4	145.8	4772	NoChan*	2.2	-14.7	80.1	84.3	-1.0	-10.7	0.4	0.4	26.2
14:12:00	29 56.6	-92 30.5	315.1	319.6	4508	4770	NoChan*	-11.6	-3.2	79.0	83.5	0.1	217.9	213.2	4.3	142.1
14:12:30	29 57.8	-92 28.0	131.4	60.1	144.5	4783	66.7	1.9	-0.5	571.0	78.3	5.7	-4.0	-18.0	-20.0	NoChan*
14:12:30	29 57.9	-92 27.9	131.9	60.4	145.1	4762	66.5	1.8	-0.6	575.3	78.3	5.5	-4.5	-19.6	-21.9	NoChan*
14:12:31	29 57.6	-92 28.1	131.6	59.9	144.6	4791	NoChan*	4.0	-15.4	79.6	83.8	-1.2	-10.9	-0.6	-0.7	27.8
14:12:30	29 57.6	-92 28.1	315.2	319.9	4526	4788	NoChan*	-11.3	-3.0	78.5	83.0	0.1	217.2	213.2	3.2	141.8
14:13:00	29 58.8	-92 25.6	132.6	57.9	144.7	4780	67.7	1.0	0.2	571.2	77.7	5.6	-3.9	-21.8	-24.2	NoChan*
14:13:00	29 58.8	-92 25.5	133.0	58.3	145.2	4757	67.8	0.9	0.1	575.3	77.7	5.5	-4.4	-24.4	-27.1	NoChan*
14:13:01	29 58.5	-92 25.6	132.7	57.8	144.7	4790	NoChan*	4.8	-14.0	78.9	83.2	-0.7	-10.4	-1.1	-1.2	19.2
14:13:00	29 58.5	-92 25.6	315.3	318.6	4526	4787	NoChan*	-12.0	-3.3	77.9	82.3	0.1	216.4	221.5	3.8	141.2
14:13:30	29 59.7	-92 23.1	133.8	55.1	144.7	4780	68.5	1.0	0.0	571.4	78.9	5.7	-4.0	-24.0	-26.6	NoChan*
14:13:30	29 59.8	-92 23.0	134.3	55.0	145.3	4755	68.7	0.9	-0.1	575.7	78.9	5.5	-4.5	-30.4	-33.5	NoChan*
14:13:31	29 59.4	-92 23.1	134.0	55.0	144.9	4785	NoChan*	2.2	-14.5	80.2	84.4	-0.9	-10.7	-1.1	-1.3	15.5
14:13:30	29 59.4	-92 23.1	315.2	317.9	4521	4783	NoChan*	-10.8	-2.8	79.1	83.6	0.1	218.0	228.1	2.7	142.2
14:14:00	30 0.6	-92 20.6	132.2	58.3	144.5	4781	68.0	1.0	-3.2	571.4	79.2	5.2	-4.5	-19.7	-22.0	NoChan*
14:14:00	30 0.7	-92 20.5	132.7	58.7	145.1	4757	67.9	0.9	-3.4	575.6	79.2	5.0	-5.0	-24.9	-27.6	NoChan*
14:14:01	30 0.4	-92 20.6	132.4	58.0	144.6	4786	NoChan*	1.9	-14.9	80.3	84.7	-0.8	-10.6	1.2	1.2	24.4
14:14:00	30 0.4	-92 20.7	314.6	318.6	4522	4786	NoChan*	-13.7	-3.9	79.3	83.9	0.1	218.3	197.4	3.3	142.3
14:14:30	30 1.6	-92 18.2	130.3	63.7	145.0	4768	66.3*	0.5	-2.7*	572.0	78.8	5.4	-4.2	-7.5	-8.5	NoChan*
14:14:30	30 1.7	-92 18.0	130.8	64.1	145.7	4744	66.0*	0.4	-2.9*	576.1	78.8	5.2	-4.8	-13.9	-15.6	NoChan*
14:14:31	30 1.4	-92 18.2	130.5	63.4	145.1	4777	NoChan*	1.7	-14.5	79.7	84.3	-1.1	-10.8	0.9	0.9	73.4
14:14:30	30 1.4	-92 18.2	314.8	326.3	4516	4780	NoChan*	-15.7	-4.7	78.9	83.4	0.1	217.8	195.0	4.5	142.1
14:15:00	30 2.7	-92 15.8	126.2	70.1	144.4	4779	63.0	0.1	-3.8	571.1	77.4	5.0	-4.5	-15.8	-17.6	NoChan*
14:15:00	30 2.8	-92 15.6	126.7	70.5	145.0	4754	63.1	-0.0	-3.8	575.1	77.4	4.8	-5.1	-13.8	-15.5	NoChan*
14:15:01	30 2.4	-92 15.8	126.5	69.7	144.4	4793	NoChan*	1.5	-15.5	78.6	82.7	-1.1	-10.7	1.5	1.5	35.6
14:15:00	30 2.4	-92 15.8	314.6	320.3	4528	4793	NoChan*	-11.1	-2.9	77.6	81.9	0.1	215.9	195.5	5.1	140.9

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
14:15:30	30 3.9	-92 13.4	124.1	76.2	145.6	4776	60.1	1.3	-0.4	572.0	78.6	5.3	-4.4	-12.4	-13.9	NoChan*
14:15:30	30 4.0	-92 13.3	124.6	76.6	146.3	4753	60.2	1.2	-0.4	576.1	78.6	5.1	-4.9	-14.8	-16.6	NoChan*
14:15:31	30 3.6	-92 13.5	124.3	76.0	145.7	4778	NoChan*	2.9	-14.4	79.9	84.1	-1.0	-10.8	1.3	1.3	47.9
14:15:30	30 3.6	-92 13.5	314.6	322.3	4515	4778	NoChan*	-11.2	-3.0	78.8	83.3	0.1	217.6	204.3	4.5	141.9
14:16:00	30 5.1	-92 11.1	122.7	78.0	145.4	4772	59.0	1.5	0.1	571.8	77.0	4.8	-4.6	-15.8	-17.6	NoChan*
14:16:00	30 5.2	-92 11.0	123.3	78.5	146.1	4745	59.0	1.4	0.1	576.0	77.0	4.6	-5.1	-15.7	-17.6	NoChan*
14:16:01	30 4.9	-92 11.2	123.0	77.9	145.6	4778	NoChan*	4.2	-14.6	78.5	82.5	-0.7	-10.3	-0.3	-0.4	35.9
14:16:00	30 4.9	-92 11.2	314.4	320.1	4517	4780	NoChan*	-7.8	-1.8	77.2	81.6	0.1	215.4	209.8	5.7	140.4
14:16:30	30 6.4	-92 8.8	123.6	78.0	146.2	4761	59.5	0.9	-0.5	572.3	78.2	4.7	-4.9	-20.6	-22.9	NoChan*
14:16:30	30 6.5	-92 8.7	124.2	78.5	146.9	4736	59.2	0.9	-0.6*	576.5	78.2	4.5	-5.4	-21.5	-23.8	NoChan*
14:16:31	30 6.1	-92 8.9	123.8	77.9	146.3	4773	NoChan*	4.7	-13.6	79.6	83.8	-1.1	-10.8	-0.2	-0.3	23.2
14:16:30	30 6.1	-92 8.9	313.9	317.6	4511	4774	NoChan*	-9.7	-2.4	78.5	83.4	0.1	217.0	206.1	5.8	141.3
14:17:00	30 7.7	-92 6.5	123.6	77.5	145.9	4764	59.3	1.1	0.2	572.4	80.5	5.0	-4.8	-23.5	-26.0	NoChan*
14:17:00	30 7.8	-92 6.4	124.2	78.0	146.6	4741	59.4	1.0	0.1	576.6	80.5	4.8	-5.4	-24.8	-27.4	NoChan*
14:17:01	30 7.4	-92 6.6	123.8	77.5	146.1	4773	NoChan*	1.9	-14.5	81.7	86.1	-1.1	-11.1	-0.7	-0.7	17.4
14:17:00	30 7.4	-92 6.6	314.0	316.8	4509	4773	NoChan*	-11.2	-2.9	80.7	85.3	0.1	220.1	201.2	3.4	143.2
14:17:30	30 8.9	-92 4.2	122.9	72.5	142.7	4674	61.7	-0.8	-0.8*	579.2	78.4	4.3	-5.2	-15.4	-17.2	NoChan*
14:17:30	30 9.0	-92 4.0	123.5	73.1	143.5	4616	61.9	-0.9	-0.9*	583.1	78.5	4.1	-5.7	-14.6	-16.4	NoChan*
14:17:31	30 8.6	-92 4.3	123.2	72.5	142.9	4684	NoChan*	4.9	-12.3	79.2	83.6	-1.0	-10.6	-0.9	-1.0	38.8
14:17:30	30 8.6	-92 4.3	312.6	318.4	4424	4684	NoChan*	-12.1	-3.3	78.7	82.9	0.1	217.3	178.8	4.5	140.7
14:18:00	30 10.0	-92 2.0	119.4	71.3	139.1	4529	61.0	-0.3	-1.9*	589.8	74.6	4.4	-4.5	-6.1	-6.8	NoChan*
14:18:00	30 10.2	-92 1.8	120.0	71.8	139.8	4516	61.0	-0.4	-2.1	593.6	74.6	4.2	-5.0	-8.7	-9.8	NoChan*
14:18:01	30 9.8	-92 2.0	119.8	71.2	139.3	4542	NoChan*	6.8	-10.7	76.1	79.9	-1.0	-10.1	2.2	2.2	84.9
14:18:00	30 9.8	-92 2.0	311.8	324.3	4288	4541	NoChan*	-2.4	-0.1	74.9	79.0	0.1	212.0	179.8	5.5	136.4
14:18:30	30 11.2	-91 59.7	118.7	71.0	138.4	4358	61.2	-1.6	-0.7	602.7	74.4	5.5	-3.2	-6.4	-7.2	NoChan*
14:18:30	30 11.3	-91 59.5	119.3	71.6	139.1	4349	60.9	-1.7	-0.8	606.3	74.5	5.3	-3.7	-6.6	-7.5	NoChan*
14:18:31	30 10.9	-91 59.8	118.9	71.0	138.5	4372	NoChan*	7.9	-9.6	75.7	79.7	-1.0	-9.9	3.3	3.3	74.9
14:18:30	30 10.9	-91 59.8	311.4	323.3	4126	4374	NoChan*	-6.8	-1.5	74.8	78.7	0.1	211.9	187.2	5.5	135.2
14:19:00	30 12.4	-91 57.5	115.1	71.7	135.6	4217	59.6	0.5	1.6	613.9	72.4	6.7	-1.8	-6.4	-7.2	NoChan*
14:19:00	30 12.5	-91 57.3	115.7	72.3	136.4	4208	59.6	0.4	1.6	617.7	72.5	6.4	-2.3	-6.4	-7.2	NoChan*
14:19:01	30 12.1	-91 57.6	115.4	71.9	135.9	4226	NoChan*	6.9	-10.3	74.1	77.9	-1.1	-9.6	3.8	3.8	67.5
14:19:00	30 12.1	-91 57.6	311.4	323.1	3984	4226	NoChan*	-3.8	-0.6	72.8	76.8	0.1	209.1	190.2	4.6	132.6
14:19:30	30 13.5	-91 55.4	116.0	68.6	134.7	4059	60.6	-0.8	1.2	626.3	73.8	7.9	-0.6	-4.0	-4.5	NoChan*
14:19:30	30 13.7	-91 55.2	116.5	69.2	135.5	4053	60.8	-0.9	1.1	630.0	73.8	7.6	-1.1	-4.1	-4.6	NoChan*
14:19:31	30 13.3	-91 55.4	116.1	68.6	134.9	4067	NoChan*	9.4	-9.3	75.4	79.3	-1.2	-9.7	5.6	5.6	76.2
14:19:30	30 13.3	-91 55.4	311.0	324.9	3832	4068	NoChan*	-3.9	-0.6	74.2	78.1	0.1	210.9	186.7	3.3	132.8
14:20:00	30 14.6	-91 53.2	119.1	63.7	135.1	3885	62.8	-1.0	0.9	640.3	76.3	9.5	0.9	-2.9	-3.3	NoChan*
14:20:00	30 14.8	-91 53.0	119.7	64.3	135.9	3881	62.8	-1.1	0.7	644.2	76.3	9.3	0.4	-3.2	-3.6	NoChan*
14:20:01	30 14.3	-91 53.2	119.3	63.8	135.3	3888	NoChan*	7.5	-10.0	78.0	81.9	-1.1	-9.7	7.0	7.0	74.9
14:20:00	30 14.3	-91 53.2	310.7	325.6	3661	3891	NoChan*	-4.5	-0.7	76.6	80.7	0.1	214.4	184.1	2.4	133.9

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
14:20:30	30 15.6	-91 51.0	117.8	59.6	132.0	3745	64.7	-0.2	1.0	651.3	74.5	10.4	2.1	-3.0	-3.4	NoChan*
14:20:30	30 15.8	-91 50.7	118.3	60.2	132.8	3739	64.4	-0.3	0.9	655.1	74.5	10.2	1.6	-2.5	-2.8	NoChan*
14:20:31	30 15.3	-91 51.0	118.0	59.7	132.2	3753	NoChan*	8.4	-9.4	76.3	80.2	-0.8	-9.0	6.9	6.9	68.1
14:20:30	30 15.3	-91 51.0	310.5	325.1	3530	3755	NoChan*	-4.3	-0.6	74.9	78.9	0.1	211.9	161.0	3.5	131.6
14:21:00	30 16.5	-91 48.8	116.1	57.4	129.5	3615	65.4	-0.4	0.3	662.0	71.6	11.2	3.3	-5.3	-6.0	NoChan*
14:21:00	30 16.7	-91 48.5	116.7	58.0	130.3	3611	65.5	-0.5	0.3	665.6	71.7	11.0	2.9	-4.7

A/C 43, Flgt 040515I, Micro99 date 2004/05/18, Proj wvssx Run on Mon May 24 15:38:14 2004

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
14:25:30	30 29.4	-91 32.8	88.2	101.0	134.1	2989	42.2*	-0.4	-11.5*	714.8	80.7	15.7	7.3	-1.8	-2.0	NoChan*
14:25:30	30 29.7	-91 32.5	88.7	101.8	135.0	2984	42.4*	-0.6	-11.5*	718.3	80.7	15.6	6.9	-1.2	-1.4	NoChan*
14:25:31	30 29.2	-91 32.8	89.2	100.8	134.6	3003	NoChan*	7.3	-12.2	82.4	86.9	-0.8	-8.9	8.7	8.7	51.9
14:25:30	30 29.2	-91 32.8	308.3	322.8	2808	3003	NoChan*	-7.4	-1.8	81.0	85.1	0.0	220.3	170.1	3.3	132.1
14:26:00	30 31.2	-91 31.5	58.2	112.9	127.0	2846	28.3	-1.1	-3.8*	727.8	73.4	15.9	8.3	-5.2	-5.9	NoChan*
14:26:00	30 31.5	-91 31.1	58.8	113.6	127.9	2838	28.4	-1.2	-3.9*	731.1	73.4	15.7	7.9	-4.5	-5.1	NoChan*
14:26:01	30 31.0	-91 31.5	58.6	113.1	127.4	2858	NoChan*	9.3	-9.5	75.3	79.3	-1.2	-8.5	4.9	4.9	36.2
14:26:00	30 31.0	-91 31.5	307.8	318.6	2669	2857	NoChan*	-5.8	-1.1	73.8	77.6	0.0	210.4	159.7	2.7	125.3
14:26:30	30 33.1	-91 30.6	41.2	116.8	123.9	2663	21.5	-1.9	-0.9	744.8	70.1	16.4	9.2	2.5	2.5	NoChan*
14:26:30	30 33.4	-91 30.2	41.8	117.6	124.8	2652	21.2	-2.0	-1.0	748.0	70.1	16.1	8.8	0.1	0.1	NoChan*
14:26:31	30 32.8	-91 30.6	41.4	117.2	124.3	2667	NoChan*	11.0	-8.1	72.1	75.9	-1.2	-8.0	9.9	9.9	63.2
14:26:30	30 32.8	-91 30.6	306.8	325.8	2488	2668	NoChan*	-3.0	-0.2	70.6	74.2	0.0	205.8	140.2	5.3	121.5
14:27:00	30 35.0	-91 29.8	39.6	121.0	127.3	2381	19.4	-2.3	-1.1	769.7	74.2	17.7	10.4	7.5	7.5	NoChan*
14:27:00	30 35.3	-91 29.5	40.2	121.8	128.2	2374	19.3	-2.4	-1.2	773.1	74.2	17.5	10.1	6.1	6.1	NoChan*
14:27:01	30 34.8	-91 29.8	39.9	121.3	127.7	2390	NoChan*	10.1	-10.0	76.4	80.3	-0.8	-7.8	20.2	20.2	83.2
14:27:00	30 34.8	-91 29.8	305.2	330.9	2224	2393	NoChan*	-2.4	0.0	74.6	78.4	0.0	211.5	163.3	5.4	123.2
14:27:30	30 37.0	-91 29.1	38.6	119.0	125.1	2166	19.9	-1.3	1.2	789.0	72.0	18.7	11.8	8.6	8.6	NoChan*
14:27:30	30 37.3	-91 28.7	39.2	119.8	126.1	2173	20.0	-1.4	1.1	792.4	72.0	18.6	11.4	8.6	8.6	NoChan*
14:27:31	30 36.7	-91 29.1	38.7	119.5	125.6	2186	NoChan*	10.3	-9.8	74.1	78.0	-0.9	-7.6	22.4	22.4	81.7
14:27:30	30 36.7	-91 29.1	304.5	331.3	2026	2187	NoChan*	-3.8	-0.4	72.4	76.2	0.0	208.4	160.1	6.4	120.3
14:28:00	30 38.9	-91 28.4	40.6	117.0	123.9	1959	20.6	-1.6	1.2	809.2	71.0	19.7	13.0	8.7	8.7	NoChan*
14:28:00	30 39.3	-91 28.0	41.2	117.8	124.8	1964	20.7	-1.8	1.2	812.4	71.0	19.5	12.6	9.3	9.3	NoChan*
14:28:01	30 38.7	-91 28.4	40.7	117.5	124.3	1975	NoChan*	11.2	-9.4	73.2	77.1	-1.4	-7.8	22.7	22.7	76.0
14:28:00	30 38.7	-91 28.4	303.6	329.9	1825	1978	NoChan*	-3.8	-0.4	71.5	75.2	0.0	207.1	172.8	6.4	118.3
14:28:30	30 40.8	-91 27.6	55.5	109.7	123.0	1742	30.0*	-0.3	24.6	829.8	71.5	20.9	14.2	11.1	11.1	NoChan*
14:28:30	30 41.2	-91 27.2	56.2	110.5	124.0	1745	29.7*	-0.3	24.5	833.7	71.5	20.6	13.7	11.6	11.6	NoChan*
14:28:31	30 40.6	-91 27.6	54.0	111.2	123.6	1759	NoChan*	20.9	-6.0	74.1	78.2	-0.7	-7.0	25.0	25.0	82.6
14:28:30	30 40.6	-91 27.6	302.6	332.6	1615	1758	NoChan*	-3.4	0.0	72.0	76.4	0.0	207.8	168.7	7.1	117.6
14:29:00	30 41.8	-91 25.9	107.2	14.9	108.2	1632	86.3*	-0.2	16.5*	841.7	58.8	20.5	15.0	11.5	11.5	NoChan*
14:29:00	30 42.2	-91 25.5	107.7	15.6	108.8	1632	86.3*	-0.3	16.5*	845.3	58.9	20.4	14.8	12.3	12.3	NoChan*
14:29:01	30 41.6	-91 25.9	107.5	16.2	108.7	1645	NoChan*	2.6	-12.6	61.6	64.8	-1.1	-6.3	25.8	25.8	80.6
14:29:00	30 41.6	-91 25.9	302.3	332.6	1503	1644	NoChan*	-2.6	-0.0	59.1	63.4	0.0	188.9	188.3	7.6	106.4
14:29:30	30 41.7	-91 24.0	94.7	-28.6	99.0	1494	111.0	-0.8	4.5*	855.7	54.4	20.8	15.8	11.8	11.8	NoChan*
14:29:30	30 42.1	-91 23.5	95.2	-27.9	99.2	1498	111.2	-1.0	4.4*	858.5	54.4	20.6	15.5	12.6	12.6	NoChan*
14:29:31	30 41.6	-91 23.9	95.1	-28.0	99.2	1511	NoChan*	8.2	-7.0	56.7	60.2	-0.8	-5.6	26.0	26.0	77.8
14:29:30	30 41.6	-91 23.9	301.8	332.1	1376	1510	NoChan*	-6.6	-1.5	54.8	58.3	0.0	181.8	175.5	6.8	101.7
14:30:00	30 41.2	-91 22.2	90.5	-31.3	95.8	1336	113.0	-1.0	-0.4	872.0	52.7	21.7	16.9	11.8	11.8	NoChan*
14:30:00	30 41.6	-91 21.8	91.0	-30.5	96.0	1339	112.8	-1.1	-0.5	873.9	52.7	21.5	16.7	12.4	12.4	NoChan*
14:30:01	30 41.1	-91 22.2	90.9	-31.0	96.1	1355	NoChan*	-1.4	-10.9	54.4	57.3	-0.9	-5.4	26.3	26.3	72.7
14:30:00	30 41.1	-91 22.2	301.4	331.3	1231	1350	NoChan*	-2.3	-0.2	52.9	55.6	0.0	179.0	172.9	7.8	99.5

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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
14:30:30	30 40.8	-91 20.6	82.2	-25.0	85.9	1259	110.5	-1.2	0.0*	880.1	42.5	21.1	17.2	13.4	13.4	NoChan*
14:30:30	30 41.2	-91 20.2	82.7	-24.2	86.2	1263	110.4	-1.3	0.0*	881.5	42.5	20.8	16.9	13.7	13.7	NoChan*
14:30:31	30 40.6	-91 20.6	82.4	-24.6	86.0	1274	NoChan*	0.0	-9.2	44.1	46.3	-0.8	-4.4	27.1	27.1	79.3
14:30:30	30 40.6	-91 20.6	301.0	333.8	1160	1275	NoChan*	3.9	1.7	42.7	44.9	0.0	161.0	174.4	7.6	89.2
14:31:00	30 40.3	-91 19.1	73.2	-33.2	80.4	1196	118.8*	1.2	9.0	887.3	38.0	21.4	18.0	13.3	13.3	NoChan*
14:31:00	30 40.8	-91 18.7	73.6	-32.4	80.4	1196	118.9*	1.0	9.0	889.1	38.0	21.3	17.8	13.7	13.7	NoChan*
14:31:01	30 40.2	-91 19.1	73.7	-32.3	80.5	1203	NoChan*	10.2	-3.6	39.9	42.3	-0.8	-4.0	27.3	27.3	74.8
14:31:00	30 40.2	-91 19.1	301.1	333.3	1089	1204	NoChan*	-0.1	0.5	38.3	40.8	0.0	152.3	175.2	7.2	84.2
14:31:30	30 39.6	-91 17.9	58.4	-50.0	76.9	1108	134.8	0.3	3.9*	896.1	36.8	21.7	18.4	13.9	13.9	NoChan*
14:31:30	30 40.1	-91 17.4	58.8	-49.2	76.7	1112	134.9	0.2	3.8*	897.6	36.8	21.6	18.3	14.3	14.3	NoChan*
14:31:31	30 39.5	-91 17.9	58.9	-49.3	76.8	1121	NoChan*	11.4	-1.9	38.2	40.9	-0.7	-3.8	28.2	28.2	75.8
14:31:30	30 39.5	-91 17.9	300.7	333.9	1011	1123	NoChan*	-6.3	-1.5	37.1	39.3	0.0	149.9	171.8	7.2	82.5
14:32:00	30 38.7	-91 16.9	48.8	-58.2	76.0	992	143.6	-1.6	0.2*	907.0	37.0	22.5	19.2	14.6	14.6	NoChan*
14:32:00	30 39.2	-91 16.5	49.3	-57.4	75.6	997	143.3	-1.7	0.2*	908.3	37.0	22.4	19.0	15.1	15.1	NoChan*
14:32:01	30 38.6	-91 16.9	49.0	-57.7	75.7	1020	NoChan*	10.7	-1.9	38.3	40.9	-0.7	-3.8	29.0	29.0	75.5
14:32:00	30 38.6	-91 16.9	300.5	334.7	913	1021	NoChan*	-5.0	-1.0	37.3	39.4	0.0	150.2	175.6	7.4	82.3
14:32:30	30 37.8	-91 16.0	53.6	-56.7	78.0	815	139.6*	-2.3	-4.2*	927.0	39.7	23.3	19.8	15.9	15.9	NoChan*
14:32:30	30 38.3	-91 15.5	54.0	-55.9	77.7	818	139.7*	-2.4	-4.2*	928.3	39.7	23.1	19.6	16.5	16.5	NoChan*
14:32:31	30 37.7	-91 15.9	53.6	-56.4	77.8	834	NoChan*	10.1	-2.9	40.9	43.9	-0.7	-3.9	30.5	30.5	79.0
14:32:30	30 37.7	-91 15.9	299.3	335.4	733	835	NoChan*	-7.4	-2.0	40.1	42.1	0.0	155.7	165.2	7.0	84.5
14:33:00	30 36.9	-91 15.0	51.9	-50.2	72.2	682	137.0	-0.6	-0.6*	940.5	34.5	23.7	20.7	16.8	16.8	NoChan*
14:33:00	30 37.4	-91 14.5	52.4	-49.3	72.0	681	137.1	-0.7	-0.7*	941.7	34.5	23.6	20.6	17.4	17.4	NoChan*
14:33:01	30 36.8	-91 14.9	52.1	-49.8	72.0	707	NoChan*	13.5	-0.2	35.8	38.4	-0.7	-3.5	30.6	30.6	79.2
14:33:00	30 36.8	-91 14.9	299.0	336.8	613	710	NoChan*	-5.6	-1.3	34.8	36.9	0.0	145.2	161.3	6.7	78.4
14:33:30	30 36.1	-91 14.1	46.2	-54.9	71.8	502	141.4*	-1.6	-5.5	957.7	34.5	24.0	21.0	18.9	18.9	NoChan*
14:33:30	30 36.6	-91 13.6	46.6	-54.0	71.4	508	141.5*	-1.7	-5.6	958.7	34.5	23.6	20.7	19.1	19.1	NoChan*
14:33:31	30 36.0	-91 14.0	46.0	-54.6	71.4	551	NoChan*	15.4	-0.0	35.4	38.7	-0.7	-3.4	32.6	32.6	88.7
14:33:30	30 36.0	-91 14.0	297.7	339.8	465	556	NoChan*	-10.1	-3.2	34.7	36.1	0.1	145.2	144.5	5.7	77.8
14:34:00	30 35.3	-91 13.1	51.7	-43.2	67.4	459	131.3*	-3.1*	-2.9*	965.9	30.3	24.2	21.6	19.4	19.4	NoChan*
14:34:00	30 35.8	-91 12.6	52.1	-42.3	67.1	466	131.0*	-3.2*	-3.0*	966.7	30.3	24.2	21.6	19.7	19.7	NoChan*
14:34:01	30 35.2	-91 13.1	51.6	-42.7	67.0	480	NoChan*	8.7	-1.6	31.5	33.8	-0.7	-3.0	32.8*	32.8*	88.6
14:34:00	30 35.2	-91 13.1	297.6	340.9	395	482	NoChan*	-2.8	-0.6	30.6	32.1	0.2	136.2	148.8	5.3	72.7
14:34:30	30 34.5	-91 12.1	47.0	-53.6	71.3	326	137.6	0.6	2.8*	980.1	32.6	25.0	22.3	20.2	20.2	NoChan*
14:34:30	30 35.1	-91 11.6	47.4	-52.7	70.9	330	137.7	0.5	2.8*	981.5	32.6	25.1	22.3	20.9	20.9	NoChan*
14:34:31	30 34.5	-91 12.1	47.0	-53.2	71.0	348	NoChan*	14.1	-1.0	34.7	36.6	-0.7	-3.2	30.9	30.9	88.9
14:34:30	30 34.5	-91 12.1	297.0	341.4	268	350	NoChan*	4.5	1.7	32.9	35.1	0.0	141.2	137.6	3.6	74.9
14:35:00	30 33.7	-91 11.2	55.5	-45.7	71.8	215	129.9*	-0.0	-0.4*	993.0	34.0	26.1	23.3	20.6	20.6	NoChan*
14:35:00	30 34.3	-91 10.7	55.8	-44.8	71.6	218	130.1*	-0.1	-0.5*	994.1	34.0	26.4	23.5	21.1	21.1	NoChan*
14:35:01	30 33.6	-91 11.1	55.7	-45.1	71.7	238	NoChan*	14.4	-0.3	35.7	38.0	-0.6	-3.2	31.0	31.0	86.0
14:35:00	30 33.6	-91 11.1	297.0	342.1	160	239	NoChan*	-0.5	0.5	34.3	36.8	0.0	144.2	142.8	4.4	76.2

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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
14:35:30	30 32.9	-91 10.2	50.4	-47.3	69.1	78	132.4	-2.2*	1.2	1009.6	30.5	27.1	24.6	21.2	21.2	NoChan*
14:35:30	30 33.5	-91 9.7	50.8	-46.4	68.8	78	132.5	-2.3*	1.2	1010.5	30.5	27.0	24.5	21.6	21.6	NoChan*
14:35:31	30 32.9	-91 10.2	50.7	-46.7	68.9	95	NoChan*	9.2	-3.0	31.8	34.2	-0.4	-2.7	31.3	31.3	82.2
14:35:30	30 32.9	-91 10.2	296.9	343.0	23	95	NoChan*	-1.9	-0.2	30.8	32.3	0.0	136.7	110.1	2.7	71.8
14:36:00	30 32.2	-91 9.4	39.4	-37.6	54.4	264	133.2	-1.5	0.4	1019.2	18.6	27.6	26.1	21.5	21.5	NoChan*
14:36:00	30 32.8	-91 8.8	39.7	-36.7	54.1	2	132.9	-1.6	0.3	1020.2	18.7	27.6	26.1	22.6	22.6	NoChan*
14:36:01	30 32.1	-91 9.3	39.8	-37.3	54.6	22	NoChan*	0.6	-4.2	19.0	20.8	-0.6	-2.0	31.5	31.5	76.4
14:36:00	30 32.1	-91 9.3	297.6	344.0	-58	19	NoChan*	-4.3	-1.2	18.7	21.2	0.0	107.1	87.6	2.3	56.1
14:36:30	30 31.9	-91 9.0	11.4	-11.4	16.1	279	133.2	-1.1	0.2	1019.4	1.8	26.6	26.5	21.6	21.6	NoChan*
14:36:30	30 32.5	-91 8.4	11.7	-10.5	15.8	1	133.2	-1.2	0.1	1019.2	1.9	26.3	26.2	22.8	22.8	NoChan*
14:36:31	30 31.8	-91 8.9	11.5	-10.9	15.9	21	NoChan*	0.4	-0.6	1.7	2.1	-0.6	-0.8	31.3	31.3	75.2
14:36:30	30 31.8	-91 8.9	298.0	345.1	-49	20	NoChan*	-1.1	-0.4	2.1	3.1	0.0	33.7	85.4	2.2	17.7
14:37:00	30 31.7	-91 8.8	4.9	-6.1	7.8	279	138.7	-0.6	0.0	1018.2	0.5	27.5	27.5	21.9	21.9	NoChan*
14:37:00	30 32.3	-91 8.3	5.2	-5.2	7.4	1	138.8	-0.7	-0.0	1019.1	0.5	27.7	27.6	22.8	22.8	NoChan*
14:37:01	30 31.7	-91 8.7	5.2	-5.4	7.5	21	NoChan*	0.9	0.6	0.6	1.2	-0.5	-0.6	31.8	31.8	72.0
14:37:00	30 31.7	-91 8.7	299.0	347.0	-48	19	NoChan*	0.0	0.3	0.7	1.3	0.0	17.7	126.7	1.4	9.3
14:37:30	30 31.7	-91 8.8	-1.5	-2.5	2.9	279	219.3	-1.9	0.4	1019.7	0.0	30.0	30.0	22.3	22.3	NoChan*
14:37:30	30 32.3	-91 8.2	-1.2	-1.5	1.9	1	218.9	-2.0	0.4	1018.9	0.0	31.0	31.0	23.2	23.2	NoChan*
14:37:31	30 31.6	-91 8.7	-1.4	-1.9	2.3	21	NoChan*	0.0	0.6	-0.0	0.0	-0.7	-0.7	32.1	32.1	63.4
14:37:30	30 31.6	-91 8.7	301.5	351.3	-47	19	NoChan*	0.0	0.1	0.5	1.0	0.0	1.6	25.3	2.1	0.8
14:38:00	30 31.7	-91 8.8	-3.4	2.5	4.2	279	312.8	-0.8	0.1	1019.9	-0.1	28.1	-32767.0	22.6	22.6	NoChan*
14:38:00	30 32.3	-91 8.3	-3.1	3.4	4.6	1	313.0	-0.9	0.1	1019.2	-0.0	28.1	-32767.0	23.4	23.4	NoChan*
14:38:01	30 31.6	-91 8.8	-3.3	3.1	4.5	20	NoChan*	-0.1	0.5	0.1	0.1	-0.9	-32767.0	31.8	31.8	-32767.0
14:38:00	30 31.6	-91 8.8	-32767.0	-32767.0	-32767	18	NoChan*	0.3	0.2	0.2	1.0	0.0	-32767.0	-32767.0	-32767.0	-327
14:38:30	30 31.7	-91 8.9	-4.8	3.8	6.1	279	313.1	-0.5	0.2	1019.9	0.0	27.3	27.2	22.8	22.8	NoChan*
14:38:30	30 32.4	-91 8.4	-4.4	4.7	6.5	1	313.2	-0.6	0.1	1019.2	0.0	27.3	27.3	23.6	23.6	NoChan*
14:38:31	30 31.7	-91 8.8	-4.6	4.4	6.4	22	NoChan*	0.0	0.1	0.0	0.1	-0.9	-0.9	31.6	31.6	77.4
14:38:30	30 31.7	-91 8.8	298.8	349.7	-49	19	NoChan*	0.0	0.0	0.3	1.0	0.0	3.4	125.6	4.3	1.8
14:39:00	30 31.8	-91 9.0	-5.3	4.3	6.8	279	314.1	-1.1	-0.1	1019.8	0.1	26.6	26.6	22.9	22.9	NoChan*
14:39:00	30 32.5	-91 8.5	-5.0	5.2	7.2	1	313.8	-1.2	-0.2	1019.2	0.1	26.6	26.6	23.6	23.6	NoChan*
14:39:01	30 31.8	-91 8.9	-5.2	5.1	7.2	24	NoChan*	0.1	-0.1	0.1	0.2	-0.9	-0.9	31.6	31.6	80.8
14:39:00	30 31.8	-91 8.9	298.1	349.1	-49	19	NoChan*	0.1	0.1	0.3	1.1	0.0	6.8	117.5	3.4	3.6
14:39:30	30 31.9	-91 9.1	-5.2	4.5	6.9	279	314.9	-1.7	-0.1	1019.8	0.1	26.3	26.3	23.1	23.1	NoChan*
14:39:30	30 32.5	-91 8.6	-4.9	5.4	7.3	1	315.0	-1.7	-0.1	1019.1	0.1	26.3	26.2	23.7	23.7	NoChan*
14:39:31	30 31.9	-91 9.0	-5.1	5.0	7.2	25	NoChan*	0.0	-0.4	0.1	0.1	-0.9	-0.9	31.6	31.6	83.6
14:39:30	30 31.9	-91 9.0	297.9	349.6	-49	19	NoChan*	0.0	0.1	0.3	1.0	0.0	7.5	122.5	3.0	3.9
14:40:00	30 31.9	-91 9.2	-6.1	-0.8	6.2	279	268.1	-0.7	0.1	1019.8	0.0	26.7	26.7	23.4	23.4	NoChan*
14:40:00	30 32.6	-91 8.6	-5.8	0.1	5.8	1	268.2	-0.8	0.0	1019.2	0.1	26.7	26.7	23.6	23.6	NoChan*
14:40:01	30 31.9	-91 9.1	-6.0	-0.2	6.0	20	NoChan*	0.0	-0.3	0.0	0.2	-0.0	-0.0	31.7	31.7	82.6
14:40:00	30 31.9	-91 9.1	298.3	350.8	-49	19	NoChan*	-0.4	-0.1	0.2	1.0	0.0	5.2	91.9	3.5	2.8

A/C 43, Flgt 040515I, Micro99 date 2004/05/18, Proj wvssx Run on Mon May 24 15:38:14 2004

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
14:40:30	30 31.9	-91 9.4	-6.7	-0.8	6.8	279	268.2	-0.5	-0.2	1019.9	0.1	26.1	26.1	23.3	23.3	NoChan*
14:40:30	30 32.6	-91 8.8	-6.5	0.0	6.5	1	268.3	-0.6	-0.3	1019.3	0.1	26.0	26.0	23.1	23.1	NoChan*
14:40:31	30 31.9	-91 9.3	-6.7	-0.2	6.7	21	NoChan*	0.1	0.4	0.1	0.2	0.1	0.1	31.5	31.5	85.3
14:40:30	30 31.9	-91 9.3	297.7	349.8	-50	18	NoChan*	-0.5	-0.2	0.3	1.1	0.0	9.0	105.9	2.4	4.7
14:41:00	30 31.8	-91 9.4	-2.5	-2.5	3.5	279	236.9	-1.1	0.3	1020.0	0.1	26.2	26.2	23.6	23.6	NoChan*
14:41:00	30 32.5	-91 8.8	-2.2	-1.7	2.8	1	236.9	-1.1	0.2	1019.3	0.1	26.0	26.0	23.2	23.2	NoChan*
14:41:01	30 31.8	-91 9.3	-2.3	-2.0	3.0

```
PRT5_SIDE:  3561
PRT5_DOWN:  3561
PITCH_INE1:  254
PITCH_INE2:  253
PDAF:  0
PDSF:  12
ROLL_INE1:  1156
ROLL_INE2:  1201
PDAR:  0
PDSR:  0
PSW:  0
PSF:  0
PQAF:  6
PQR:  0
PQF1:  10
PQF2:  10
PQSF:  0
PQW:  0
TT1:  0
TT2:  0
TT3:  0
TDM1:  0
TDM2:  0
TDM3:  5
AXBT1:  3561
AXBT2:  3561


**********************************************************************************************************************************
```