A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
09:39:30	27 50.9	-82 29.6	-0.0	0.0	0.0	100	134.7	-0.8	-0.2	1024.1	0.0	18.4	18.4	14.6	14.6	NoChan*
09:39:30	27 50.9	-82 29.6	0.0	0.0	0.0	1	134.8	-0.9	-0.3	1024.1	0.1	18.5	18.5	16.3	16.3	NoChan*
09:39:31	27 51.0	-82 29.6	0.0	-0.0	0.0	14	NoChan*	-0.0	4.5	0.1	0.1	-0.8	-0.8	50.0	50.0	79.4
09:39:30	0 0.0	0 0.0	289.6	318.4	-90	0	NoChan*	-0.3	-0.1	0.3	0.7	0.0	4.9	118.3	2.6	2.5
09:40:00	27 50.9	-82 29.6	0.6	-0.6	0.8	100	134.3	-0.8	-0.2	1024.1	0.1	18.4	18.4	14.6	14.6	NoChan*
09:40:00	27 50.9	-82 29.6	0.6	-0.6	0.9	1	134.5	-0.9	-0.2	1024.1	0.1	18.5	18.5	16.1	16.1	NoChan*
09:40:01	27 51.0	-82 29.6	0.3	-0.3	0.4	14	NoChan*	-0.1	4.5	0.1	0.2	-0.9	-1.0	50.0	50.0	79.2
00:00:00	0 0.0	0 0.0	289.6	318.4	-90	0	NoChan*	-0.3	-0.1	0.4	0.8	0.0	7.2	116.8	2.9	3.7
09:40:30	27 50.9	-82 29.6	-2.5	-4.0	4.8	100	211.5	-0.8	-0.0	1024.0	0.1	18.4	18.4	14.7	14.7	NoChan*
09:40:30	27 50.9	-82 29.6	-2.5	-4.0	4.7	1	211.4	-0.9	-0.1	1024.0	0.1	18.5	18.5	15.9	15.9	NoChan*
09:40:31	27 50.9	-82 29.6	-2.5	-4.0	4.7	14	NoChan*	0.0	4.3	0.0	0.2	-0.9	-0.9	42.0	42.0	80.2
09:40:30	0 0.0	0 0.0	289.6	318.7	-89	0	NoChan*	-0.8	-0.3	0.4	0.8	0.0	7.9	89.8	2.9	4.1
09:41:00	27 50.8	-82 29.6	3.9	-3.4	5.2	100	131.6	-1.1	-1.1	1024.1	0.4	18.5	18.4	15.4	15.4	NoChan*
09:41:00	27 50.8	-82 29.6	3.9	-3.4	5.2	1	131.6	-1.2	-1.1	1024.1	0.4	18.5	18.5	16.5	16.5	NoChan*
09:41:01	27 50.9	-82 29.6	3.9	-3.4	5.2	12	NoChan*	0.1	4.6	0.4	0.5	-0.9	-1.0	23.1	23.1	83.5
09:41:00	0 0.0	0 0.0	289.6	320.1	-90	0	NoChan*	-0.6	-0.2	0.7	1.1	0.0	15.7	111.2	3.0	8.1
09:41:30	27 50.7	-82 29.5	2.0	-5.9	6.2	102	161.3	-0.6	-0.6	1024.0	0.2	18.5	18.5	15.5	15.5	NoChan*
09:41:30	27 50.7	-82 29.5	2.0	-5.9	6.3	1	161.4	-0.7	-0.6	1024.1	0.3	18.5	18.5	16.5	16.5	NoChan*
09:41:31	27 50.8	-82 29.5	2.1	-5.9	6.3	10	NoChan*	0.1	4.4	0.3	0.5	-1.0	-1.0	50.0	50.0	83.5
09:41:30	0 0.0	0 0.0	289.7	320.3	-90	0	NoChan*	-1.1	-0.4	0.5	1.2	0.0	12.3	66.2	1.8	6.4
09:42:00	27 50.7*	-82 29.6*	-7.0	0.0	7.0*	102	270.3	-0.6	0.1	1024.0	0.1	18.5	18.5	15.2	15.2	NoChan*
09:42:00	27 50.7*	-82 29.6*	-6.9	0.0	6.9	1	270.1	-0.7	-0.0	1024.0	0.1	18.6	18.6	16.4	16.4	NoChan*
09:42:01	27 50.7*	-82 29.6*	-7.1	0.0	7.1	12	NoChan*	0.0	4.3	0.1	0.2	-0.9	-0.9	50.0	50.0	82.1
09:42:00	0 0.0	0 0.0	289.7	319.8	-89	0	NoChan*	-0.4	-0.2	0.3	0.8	0.0	6.1	102.7	4.1	3.1
09:42:30	0 0.0	0 0.0	0	0.0	0.0	0	0.0	0.0	0.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0
09:42:30	0 0.0	0 0.0	0	0.0	0.0	0	0.0	0.0	0.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0
09:42:30	0 0.0	0 0.0	0	0.0	0.0	0	0.0	0.0	0.0	NoChan*	-32767.0	-32767.0	-32767.0	-32767.0	-32767.0	-3276
09:42:30	0 0.0	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	-32
09:43:00	0 0.0	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
09:43:00	0 0.0	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
09:43:00	0 0.0	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	-3276
09:43:00	0 0.0	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	-32
09:43:30	0 0.0	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
09:43:30	0 0.0	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
09:43:30	0 0.0	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	-3276
09:43:30	0 0.0	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	-32
09:44:00	0 0.0	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
09:44:00	0 0.0	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
09:44:00	0 0.0	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	-3276
09:44:00	0 0.0	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	-32

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
09:44:30	0 0.0	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
09:44:30	0 0.0	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
09:44:30	0 0.0	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	-3276
09:44:30	0 0.0	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	-32
09:45:00	0 0.0	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
09:45:00	0 0.0	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
09:45:00	0 0.0	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	-3276
09:45:00	0 0.0	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	-32
09:45:30	0 0.0	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
09:45:30	0 0.0	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
09:45:30	0 0.0	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	-3276
09:45:30	0 0.0	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	-32
09:46:00	0 0.0	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
09:46:00	0 0.0	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
09:46:00	0 0.0	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	-3276
09:46:00	0 0.0	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	-32
09:46:30	0 0.0	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
09:46:30	0 0.0	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
09:46:30	0 0.0	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	-3276
09:46:30	0 0.0	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	-32
09:47:00	0 0.0	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
09:47:00	0 0.0	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
09:47:00	0 0.0	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	-3276
09:47:00	0 0.0	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	-32
09:47:30	0 0.0	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
09:47:30	0 0.0	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
09:47:30	0 0.0	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	-3276
09:47:30	0 0.0	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	-32
09:48:00	0 0.0	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
09:48:00	0 0.0	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
09:48:00	0 0.0	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	-3276
09:48:00	0 0.0	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	-32
09:48:30	0 0.0	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
09:48:30	0 0.0	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
09:48:30	0 0.0	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	-3276
09:48:30	0 0.0	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	-32
09:49:00	0 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
09:49:00	0 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
09:49:00	0 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
09:49:00	0 0.0	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	-32

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
09:49:30	24 2.4*	-71 16.6*	-4.7	-5.6	7.4*	-2	214.0	-0.7	0.1	1024.0	0.3	17.9	17.9	15.5	15.5	NoChan*
09:49:30	24 2.4*	-71 16.6*	-4.7	-5.7	7.4	0	214.2	-0.8	-0.0	1024.1	0.3	17.8	17.8	16.3	16.3	NoChan*
09:49:30	27 50.2	-82 31.8	-5.5	-6.5	8.6	6	NoChan*	0.2	4.0	0.2	0.4	-0.9	-0.9	50.0	50.0	87.0
09:49:30	0 0.0	0 0.0	289.1	319.7	-90	0	NoChan*	-0.8	-0.3	0.5	1.1	0.0	13.3	107.1	2.6	6.9
09:50:00	27 50.2*	-82 31.9*	-1.4	1.3	1.9*	12	311.3	-0.9	-0.2	1024.1	-0.2	18.1	-32767.0	15.4	15.4	NoChan*
09:50:00	27 50.1*	-82 31.9*	-1.4	1.2	1.9	1	311.1	-1.0	-0.2	1024.1	-0.2	18.1	-32767.0	15.9	15.9	NoChan*
09:50:00	27 50.2*	-82 31.9*	-1.5	1.3	2.0	6	NoChan*	0.0	3.8	-0.0	0.0	-0.9	-32767.0	50.0	50.0	-32767.0
09:50:00	0 0.0	0 0.0	-32767.0	-32767.0	-32767	0	NoChan*	-0.0	0.0	0.2	0.6	0.0	-32767.0	-32767.0	-32767.0	-327
09:50:30	27 50.2	-82 32.0	-3.2	2.8	4.3	5	312.1	-0.4	0.0	1024.1	-0.1	18.1	-32767.0	15.4	15.4	NoChan*
09:50:30	27 50.2	-82 31.9	-3.2	2.8	4.3	1	312.3	-0.5	-0.0	1024.0	-0.0	18.2	-32767.0	16.1	16.1	NoChan*
09:50:30	27 50.2	-82 31.9	-3.2	2.8	4.3	6	NoChan*	-0.0	3.7	0.0	0.0	-0.9	-32767.0	50.0	50.0	-32767.0
09:50:30	0 0.0	0 0.0	-32767.0	-32767.0	-32767	0	NoChan*	0.1	0.1	0.2	0.7	0.0	-32767.0	-32767.0	-32767.0	-327
09:51:00	27 50.3	-82 31.8	26.7	31.3	41.2	9	41.4	-1.6	-0.3	1023.9	10.2	18.6	17.7	15.8	15.8	NoChan*
09:51:00	27 50.3	-82 31.8	26.8	31.3	41.2	2	41.2	-1.6	-0.4	1024.7	10.2	18.6	17.7	16.5	16.5	NoChan*
09:51:00	27 50.4	-82 31.8	26.6	31.2	41.0	10	NoChan*	-2.4	1.1	12.5	12.3	-1.0	-1.8	50.0	50.0	89.9
09:51:00	0 0.0	0 0.0	0	0.0	288.9	320.1	-95	0	NoChan*	4.8	1.8	10.4	11.7	0.0	79.3	139.7	2.9	40.8
09:51:30	27 51.2	-82 31.1	52.2	62.5	81.4	49	45.4*	3.4	0.8	1016.4	41.9	21.7	18.4	15.8	15.8	NoChan*
09:51:30	27 51.2	-82 31.0	52.2	62.4	81.4	51	45.3*	3.3	0.8	1017.6	41.9	21.6	18.2	16.3	16.3	NoChan*
09:51:30	27 51.2	-82 31.0	52.1	62.5	81.4	64	NoChan*	5.3	-4.9	43.2	46.9	-0.9	-4.0	50.0	50.0	86.4
09:51:30	0 0.0	0 0.0	290.1	321.7	-36*	0	NoChan*	-11.9	-3.4	42.1	43.8	0.0	159.8	120.0	5.9	82.7
09:52:00	27 52.1	-82 29.8	88.8	30.9	94.1	212	80.8*	7.4	7.5*	996.7	57.9	25.4	20.8	15.1	15.1	NoChan*
09:52:00	27 52.1	-82 29.8	88.9	30.8	94.1	213	80.8*	7.3	7.4*	1000.1	57.9	25.4	20.6	15.5	15.5	NoChan*
09:52:00	27 52.2	-82 29.8	88.9	31.1	94.2	223	NoChan*	20.6	-6.9	59.0	66.3	-1.3	-5.6	50.0	50.0	70.9
09:52:00	0 0.0	0 0.0	293.9	325.2	110	0	NoChan*	-36.0*	-11.5	57.7	61.9	0.0	187.4	143.5	10.7	98.1
09:52:30	27 52.5	-82 28.1	97.3	27.6	101.2	470	79.9	6.8	-0.5*	967.2	62.8	24.6	19.5	10.7	10.7	NoChan*
09:52:30	27 52.5	-82 28.1	97.4	27.5	101.2	477	80.0	6.8	-0.6*	970.1	62.8	24.6	19.3	11.1	11.1	NoChan*
09:52:30	27 52.6	-82 28.1	97.4	27.6	101.2	486	NoChan*	16.6	-10.8	65.7	70.2	-1.1	-6.0	50.0	50.0	57.2
09:52:30	0 0.0	0 0.0	295.2	319.5	366	0	NoChan*	-10.0	-1.9	63.3	66.3	0.0	195.1	154.8	9.3	103.4
09:53:00	27 53.1	-82 26.3	99.7	36.8	106.3	748	74.3	7.6*	0.0	935.7	66.4	22.8	17.2	9.3	9.3	NoChan*
09:53:00	27 53.1	-82 26.3	99.7	36.7	106.3	757	74.0	7.5*	-0.0	938.7	66.4	22.7	17.0	9.7	9.7	NoChan*
09:53:00	27 53.1	-82 26.3	99.7	36.9	106.4	767	NoChan*	14.9	-11.9	69.2	74.0	-0.9	-6.2	50.0	50.0	60.2
09:53:00	0 0.0	0 0.0	295.6	318.6	640	0	NoChan*	-12.0	-2.5	66.9	70.1	0.0	200.4	155.4	7.0	107.5
09:53:30	27 53.7	-82 24.4	106.7	41.5	114.5	962	72.6	1.5	1.1	913.0	75.9	21.7	15.3	8.4	8.4	NoChan*
09:53:30	27 53.7	-82 24.4	106.7	41.3	114.5	966	72.6	1.4	1.1	916.7	75.9	21.6	15.0	8.8	8.8	NoChan*
09:53:30	27 53.8	-82 24.4	106.7	41.6	114.5	974	NoChan*	3.7	-15.6	78.4	83.6	-0.9	-7.0	50.0	50.0	64.0
09:53:30	0 0.0	0 0.0	295.7	317.8	837	0	NoChan*	-17.7	-4.8	76.1	79.9	0.0	213.8	147.7	5.4	115.7
09:54:00	27 54.2	-82 22.3	117.0	21.8	119.0	961	83.5	2.2	2.1	912.0	83.5	22.7	15.6	8.3	8.3	NoChan*
09:54:00	27 54.2	-82 22.3	117.0	21.6	119.0	968	83.7	2.1	2.1	916.2	83.5	22.6	15.3	8.7	8.7	NoChan*
09:54:00	27 54.3	-82 22.3	117.1	21.9	119.1	980	NoChan*	5.6	-14.2	85.4	91.5	-0.9	-7.6	50.0	50.0	62.2
09:54:00	0 0.0	0 0.0	296.1	318.2	841	0	NoChan*	-24.2	-7.2	83.7	88.0	0.0	224.1	147.3	5.6	121.3

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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
09:54:30	27 54.5	-82 20.1	123.1	8.5	123.4	933	90.0	1.1	0.5	914.2	90.2	23.3	15.7	8.8	8.8	NoChan*
09:54:30	27 54.5	-82 20.1	123.1	8.3	123.3	940	90.1	1.0	0.4	918.7	90.2	23.2	15.4	9.2	9.2	NoChan*
09:54:30	27 54.5	-82 20.1	123.1	8.5	123.4	959	NoChan*	0.3	-16.7	92.6	98.2	-1.0	-8.2	50.0	50.0	64.1
09:54:30	0 0.0	0 0.0	296.0	318.7	819	0	NoChan*	-19.5	-5.6	90.4	95.3	0.0	232.6	156.6	6.6	125.7
09:55:00	27 54.6	-82 17.9	125.0	2.2	125.0	937	92.9	0.9	0.5	914.1	93.3	23.5	15.7

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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
09:59:30	28 0.2	-81 57.8	125.1	24.4	127.4	894	82.7	0.7	1.8	914.1	95.3	23.9	15.9	9.0	9.0	NoChan*
09:59:30	28 0.2	-81 57.8	125.0	24.2	127.3	897	82.7	0.6	1.8	918.9	95.3	23.8	15.6	9.4	9.4	NoChan*
09:59:30	28 0.3	-81 57.8	125.1	24.6	127.4	957	NoChan*	-2.4	-22.6	98.1	103.5	-0.5	-8.0	50.0	50.0	64.1
09:59:30	0 0.0	0 0.0	296.1	319.1	817	0	NoChan*	-15.0	-4.1	95.5	100.7	0.0	238.9	156.3	7.0	129.2
10:00:00	28 0.6	-81 55.5	125.7	13.7	126.4	908	87.3	0.7	2.6	914.1	94.8	23.9	15.9	8.7	8.7	NoChan*
10:00:00	28 0.5	-81 55.5	125.5	13.5	126.3	913	87.4	0.6	2.5	918.9	94.8	23.8	15.6	9.1	9.1	NoChan*
10:00:00	28 0.6	-81 55.5	125.6	13.8	126.4	958	NoChan*	-2.5	-22.5	97.7	103.0	0.4	-7.2	50.0	50.0	62.8
10:00:00	0 0.0	0 0.0	296.1	318.8	817	0	NoChan*	-13.7	-3.7	95.1	100.2	0.0	238.3	154.0	6.8	128.9
10:00:30	28 0.7	-81 53.2	125.5	9.3	125.8	906	89.5	0.9	-0.5	914.4	94.0	23.8	15.9	8.7	8.7	NoChan*
10:00:30	28 0.7	-81 53.2	125.4	9.1	125.7	909	89.5	0.8	-0.6	918.9	94.1	23.7	15.6	9.1	9.1	NoChan*
10:00:30	28 0.8	-81 53.3	125.5	9.3	125.8	956	NoChan*	-0.9	-21.6	96.8	102.2	-0.2	-7.7	50.0	50.0	62.7
10:00:30	0 0.0	0 0.0	296.1	318.7	816	0	NoChan*	-15.3	-4.2	94.3	99.1	0.0	237.4	156.7	7.1	128.3
10:01:00	28 0.9	-81 51.0	125.0	9.1	125.3	913	90.0	0.8	-0.8	914.4	93.2	23.7	15.9	8.7	8.7	NoChan*
10:01:00	28 0.8	-81 50.9	124.8	8.9	125.2	918	89.7	0.7	-0.9	918.9	93.2	23.7	15.6	9.0	9.0	NoChan*
10:01:00	28 0.9	-81 51.0	125.0	9.1	125.3	958	NoChan*	-1.8	-21.5	95.9	101.3	-1.5	-8.9	50.0	50.0	62.6
10:01:00	0 0.0	0 0.0	296.1	318.7	816	0	NoChan*	-15.9	-4.5	93.4	98.4	0.0	236.3	159.3	7.9	127.8
10:01:30	28 1.0	-81 48.7	125.1	9.2	125.4	910	89.7	0.7	-0.9	914.3	93.8	23.8	15.9	8.6	8.6	NoChan*
10:01:30	28 1.0	-81 48.7	124.9	9.0	125.2	915	89.7	0.7	-0.9	918.9	93.8	23.7	15.6	9.0	9.0	NoChan*
10:01:30	28 1.1	-81 48.7	125.0	9.1	125.3	961	NoChan*	-1.9	-20.8	96.7	102.0	-0.2	-7.7	50.0	50.0	62.6
10:01:30	0 0.0	0 0.0	296.1	318.7	817	0	NoChan*	-13.9	-3.8	94.0	99.1	0.0	237.1	156.4	7.7	128.2
10:02:00	28 1.2	-81 46.4	125.0	9.1	125.3	900	89.5	0.8	-0.8	914.3	93.4	23.7	15.9	8.7	8.7	NoChan*
10:02:00	28 1.1	-81 46.4	124.8	8.9	125.2	904	89.6	0.7	-0.8	918.9	93.4	23.7	15.6	9.1	9.1	NoChan*
10:02:00	28 1.2	-81 46.4	125.0	9.0	125.3	961	NoChan*	-1.5	-21.0	96.4	101.5	0.1	-7.4	50.0	50.0	62.8
10:02:00	0 0.0	0 0.0	296.1	318.7	817	0	NoChan*	-12.5	-3.3	93.7	98.7	0.0	236.6	157.0	7.4	127.9
10:02:30	28 1.3	-81 44.1	124.8	9.0	125.1	894	89.7	0.9	-0.6	914.5	93.2	23.7	15.9	8.9	8.9	NoChan*
10:02:30	28 1.3	-81 44.1	124.6	8.8	124.9	899	89.8	0.7	-0.7	919.0	93.2	23.6	15.6	9.3	9.3	NoChan*
10:02:30	28 1.4	-81 44.1	124.8	9.0	125.1	960	NoChan*	-1.8	-21.3	95.9	101.3	-0.7	-8.1	50.0	50.0	63.8
10:02:30	0 0.0	0 0.0	296.1	318.9	815	0	NoChan*	-16.5	-4.7	93.4	98.4	0.0	236.3	155.8	7.2	127.8
10:03:00	28 1.5	-81 41.8	124.4	9.0	124.7	895	89.9	0.8	-0.7	914.3	92.8	23.7	15.9	8.8	8.8	NoChan*
10:03:00	28 1.4	-81 41.8	124.2	8.8	124.5	899	89.6	0.7	-0.8	918.9	92.8	23.6	15.6	9.2	9.2	NoChan*
10:03:00	28 1.5	-81 41.8	124.3	8.9	124.6	960	NoChan*	-1.7	-21.5	95.7	101.0	0.8	-6.6	50.0	50.0	63.4
10:03:00	0 0.0	0 0.0	296.1	318.9	817	0	NoChan*	-14.3	-3.9	93.1	98.0	0.0	235.8	156.8	8.0	127.5
10:03:30	28 1.6	-81 39.5	124.5	8.5	124.7	907	89.5	0.8	-0.7	914.4	92.9	23.7	15.9	8.8	8.8	NoChan*
10:03:30	28 1.5	-81 39.5	124.3	8.3	124.5	909	89.6	0.7	-0.7	918.9	92.9	23.6	15.6	9.2	9.2	NoChan*
10:03:30	28 1.7	-81 39.6	124.4	8.5	124.7	959	NoChan*	-1.8	-21.3	95.7	101.0	-0.8	-8.1	50.0	50.0	63.3
10:03:30	0 0.0	0 0.0	296.1	318.9	817	0	NoChan*	-15.3	-4.2	93.2	98.1	0.0	236.0	151.8	6.6	127.6
10:04:00	28 1.7	-81 37.3	124.5	8.1	124.8	902	89.5	0.8	-0.7	914.5	93.6	23.8	16.0	8.6	8.6	NoChan*
10:04:00	28 1.7	-81 37.3	124.3	7.9	124.6	904	89.7	0.7	-0.7	919.0	93.6	23.8	15.7	9.0	9.0	NoChan*
10:04:00	28 1.8	-81 37.3	124.5	7.9	124.7	957	NoChan*	-1.9	-21.0	96.4	101.7	-0.5	-7.9	50.0	50.0	62.1
10:04:00	0 0.0	0 0.0	296.2	318.6	816	0	NoChan*	-15.2	-4.2	93.8	98.8	0.0	236.8	146.9	6.4	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
10:04:30	28 1.9	-81 35.0	124.4	7.8	124.7	906	89.6	0.8	-0.7	914.5	92.2	23.7	15.9	8.8	8.8	NoChan*
10:04:30	28 1.8	-81 35.0	124.2	7.6	124.4	908	89.6	0.7	-0.8	919.0	92.2	23.6	15.7	9.2	9.2	NoChan*
10:04:30	28 1.9	-81 35.0	124.3	7.7	124.6	955	NoChan*	-1.3	-21.3	95.0	100.3	-1.3	-8.6	50.0	50.0	63.0
10:04:30	0 0.0	0 0.0	296.2	318.9	816	0	NoChan*	-15.0	-4.1	92.5	97.3	0.0	235.1	153.1	5.9	127.1
10:05:00	28 2.0	-81 32.7	124.7	7.4	124.9	917	89.8	0.8	-0.7	914.5	92.0	23.7	16.0	8.6	8.6	NoChan*
10:05:00	28 1.9	-81 32.7	124.5	7.1	124.7	920	89.5	0.7	-0.7	919.0	92.1	23.7	15.7	9.0	9.0	NoChan*
10:05:00	28 2.1	-81 32.7	124.6	7.2	124.8	955	NoChan*	-0.8	-21.1	94.9	100.1	-0.7	-8.0	50.0	50.0	62.2
10:05:00	0 0.0	0 0.0	296.2	318.7	816	0	NoChan*	-14.7	-4.0	92.3	97.1	0.0	234.9	157.2	5.9	127.0
10:05:30	28 2.1	-81 30.4	124.7	7.2	124.9	919	89.6	0.9	-0.7	914.5	92.4	23.8	16.0	8.9	8.9	NoChan*
10:05:30	28 2.0	-81 30.4	124.4	7.0	124.6	923	89.6	0.8	-0.8	919.1	92.4	23.7	15.7	9.3	9.3	NoChan*
10:05:30	28 2.2	-81 30.4	124.6	7.1	124.8	958	NoChan*	-1.1	-21.0	95.3	100.5	1.1	-6.3	50.0	50.0	63.1
10:05:30	0 0.0	0 0.0	296.2	319.1	815	0	NoChan*	-14.8	-4.1	92.7	97.5	0.0	235.4	151.1	5.3	127.3
10:06:00	28 2.2	-81 28.1	124.5	6.8	124.7	927	89.6	0.9	-0.7	914.6	92.1	23.8	16.1	8.8	8.8	NoChan*
10:06:00	28 2.1	-81 28.2	124.3	6.6	124.5	931	89.7	0.8	-0.8	919.2	92.1	23.7	15.8	9.2	9.2	NoChan*
10:06:00	28 2.3	-81 28.2	124.5	6.7	124.7	958	NoChan*	-1.0	-21.1	95.0	100.3	0.4	-6.9	50.0	50.0	62.6
10:06:00	0 0.0	0 0.0	296.3	319.0	814	0	NoChan*	-14.5	-3.9	92.4	97.3	0.0	235.0	150.1	5.0	127.1
10:06:30	28 2.3	-81 25.9	124.5	6.9	124.7	925	89.5	0.9	-0.5	914.6	91.6	23.7	16.0	8.8	8.8	NoChan*
10:06:30	28 2.3	-81 25.9	124.2	6.6	124.4	932	89.5	0.8	-0.6	919.0	91.7	23.7	15.8	9.2	9.2	NoChan*
10:06:30	28 2.4	-81 25.9	124.4	6.7	124.6	958	NoChan*	-0.6	-21.0	94.5	99.7	1.0	-6.3	50.0	50.0	62.7
10:06:30	0 0.0	0 0.0	296.3	319.0	815	0	NoChan*	-14.2	-3.8	91.9	96.7	0.0	234.4	151.7	4.8	126.8
10:07:00	28 2.4	-81 23.6	124.7	6.2	124.8	927	89.8	0.8	-0.7	914.6	91.7	23.7	16.0	8.6	8.6	NoChan*
10:07:00	28 2.4	-81 23.6	124.4	6.0	124.5	933	89.5	0.7	-0.8	919.0	91.8	23.7	15.7	9.0	9.0	NoChan*
10:07:00	28 2.5	-81 23.6	124.6	6.1	124.7	957	NoChan*	-0.8	-20.7	94.5	99.8	-0.7	-8.0	50.0	50.0	61.9
10:07:00	0 0.0	0 0.0	296.2	318.7	815	0	NoChan*	-15.4	-4.3	92.0	96.8	0.0	234.6	152.4	4.7	126.8
10:07:30	28 2.5	-81 21.3	124.8	5.7	124.9	928	89.5	0.9	-0.6	914.5	92.2	23.8	16.0	8.1	8.1	NoChan*
10:07:30	28 2.5	-81 21.3	124.5	5.5	124.6	934	89.6	0.8	-0.6	919.0	92.2	23.7	15.8	8.6	8.6	NoChan*
10:07:30	28 2.6	-81 21.3	124.7	5.6	124.8	959	NoChan*	-1.1	-20.5	95.0	100.3	-0.6	-8.0	50.0	50.0	59.9
10:07:30	0 0.0	0 0.0	296.3	318.1	815	0	NoChan*	-15.3	-4.2	92.4	97.4	0.0	235.1	142.9	3.8	127.1
10:08:00	28 2.6	-81 19.0	124.7	5.4	124.8	930	89.5	0.9	-0.6	914.6	92.6	23.9	16.1	7.9	7.9	NoChan*
10:08:00	28 2.5	-81 19.1	124.4	5.2	124.5	937	89.7	0.8	-0.6	919.1	92.7	23.8	15.8	8.3	8.3	NoChan*
10:08:00	28 2.7	-81 19.1	124.6	5.3	124.7	960	NoChan*	-1.3	-20.4	95.5	100.8	-1.4	-8.7	50.0	50.0	58.7
10:08:00	0 0.0	0 0.0	296.3	317.8	815	0	NoChan*	-14.8	-4.1	92.9	97.8	0.0	235.7	135.3	3.9	127.4
10:08:30	28 2.7	-81 16.7	124.6	5.4	124.7	928	89.5	0.8	-0.7	914.5	92.5	23.9	16.2	7.9	7.9	NoChan*
10:08:30	28 2.6	-81 16.8	124.3	5.2	124.4	935	89.6	0.7	-0.8	919.0	92.6	23.9	15.9	8.4	8.4	NoChan*
10:08:30	28 2.8	-81 16.8	124.6	5.3	124.7	962	NoChan*	-2.0	-20.8	95.3	100.6	-0.8	-8.2	50.0	50.0	58.6
10:08:30	0 0.0	0 0.0	296.4	317.9	816	0	NoChan*	-15.2	-4.2	92.8	97.7	0.0	235.5	134.2	3.8	127.4
10:09:00	28 2.8	-81 14.4	124.8	5.5	124.9	924	89.9	0.8	-0.8	914.5	92.1	23.9	16.2	8.3	8.3	NoChan*
10:09:00	28 2.7	-81 14.5	124.5	5.3	124.6	930	89.6	0.7	-0.9	919.0	92.1	23.9	15.9	8.7	8.7	NoChan*
10:09:00	28 2.9	-81 14.5	124.7	5.4	124.8	960	NoChan*	-1.8	-21.0	94.9	100.2	-1.2	-8.5	50.0	50.0	60.1
10:09:00	0 0.0	0 0.0	296.4	318.4	815	0	NoChan*	-14.9	-4.1	92.3	97.1	0.0	235.0	148.7	4.4	127.1

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
10:09:30	28 2.9	-81 12.2	125.1	5.3	125.3	925	89.5	0.6	-0.5	914.4	92.8	24.0	16.2	8.2	8.2	NoChan*
10:09:30	28 2.8	-81 12.2	124.8	5.1	124.9	931	89.5	0.5	-0.5	918.9	92.9	24.0	15.9	8.6	8.6	NoChan*
10:09:30	28 2.9	-81 12.2	125.0	5.2	125.1	958	NoChan*	-2.0	-20.7	95.6	100.9	-0.6	-8.0	50.0	50.0	59.3
10:09:30	0 0.0	0 0.0	296.5	318.4	817	0	NoChan*	-15.8	-4.4	93.1	98.0	0.0	235.9	135.1	3.4	127.6
10:10:00	28 3.0	-81 9.9	125.1	4.1	125.2	918	89.2	0.8	-0.4	914.5	94.1	24.2	16.3	8.4	8.4	NoChan*
10:10:00	28 2.9	-81 9.9	124.8	3.9	124.9	925	89.4	0.6	-0.5	919.2	94.1	24.1	16.0	8.9	8.9	NoChan*
10:10:00	28 3.0	-81 9.9	125.0	4.0	125.1	955	NoChan*	-2.9	-20.4	97.0	102.2	0.1	-7.4	50.0	50.0	60.2
10:10:00	0 0.0	0 0.0	296.5	318.7	814	0	NoChan*	-14.1	-3.9	94.3	99.3	0.0	237.4	105.9	3.4	128.4
10:10:30	28 3.0	-81 7.6	124.9	2.9	125.0	918	89.6	0.8	-0.6	914.6	93.0	24.1	16.3	8.2	8.2	NoChan*
10:10:30	28 2.9	-81 7.7	124.6	2.7	124.7	925	89.6	0.7	-0.7	919.1	93.1	24.1	16.0	8.6	8.6	NoChan*
10:10:30	28 3.1	-81 7.6	124.9	2.8	124.9	956	NoChan*	-2.1	-20.9	95.9	101.2	-0.1	-7.5	50.0	50.0	59.0
10:10:30	0 0.0	0 0.0	296.5	318.4	815	0	NoChan*	-14.3	-3.9	93.3	98.3	0.0	236.2	98.8	2.8	127.7
10:11:00	28 3.1	-81 5.3	124.7	6.9	124.9	918	88.3	0.9	-3.4	914.6	93.8	23.9	16.1	8.0	8.0	NoChan*
10:11:00	28 3.0	-81 5.4	124.4	6.8	124.6	924	88.0	0.8	-3.5	919.2	93.9	23.9	15.8	8.4	8.4	NoChan*
10:11:00	28 3.1	-81 5.4	124.6	6.8	124.8	957	NoChan*	-1.9	-20.4	96.7	102.0	-0.7	-8.2	50.0	50.0	59.2
10:11:00	0 0.0	0 0.0	296.2	317.8	814	0	NoChan*	-14.6	-4.1	94.1	99.1	0.0	237.1	117.7	3.8	128.2
10:11:30	28 3.3	-81 3.0	124.3	11.7	124.8	923	86.1	0.8	-1.1	914.6	93.0	23.9	16.1	8.1	8.1	NoChan*
10:11:30	28 3.1	-81 3.1	123.9	11.5	124.5	930	86.1	0.7	-1.2	919.2	93.0	23.8	15.8	8.5	8.5	NoChan*
10:11:30	28 3.3	-81 3.1	124.2	11.5	124.7	960	NoChan*	-1.6	-20.8	95.8	101.1	-0.4	-7.8	50.0	50.0	59.5
10:11:30	0 0.0	0 0.0	296.3	318.0	814	0	NoChan*	-15.2	-4.3	93.2	98.2	0.0	236.1	115.5	3.3	127.6
10:12:00	28 3.5	-81 0.7	124.0	12.2	124.6	927	85.8	0.9	-0.9	914.7	93.2	23.7	15.9	9.4	9.4	NoChan*
10:12:00	28 3.3	-81 0.8	123.6	12.0	124.2	931	86.0	0.8	-0.9	919.3	93.2	23.6	15.6	9.8	9.8	NoChan*
10:12:00	28 3.5	-81 0.8	123.8	12.1	124.4	959	NoChan*	-1.6	-20.8	96.0	101.3	-0.4	-7.8	50.0	50.0	65.8
10:12:00	0 0.0	0 0.0	296.1	319.6	813	0	NoChan*	-15.1	-4.2	93.5	98.4	0.0	236.3	112.0	3.6	127.8
10:12:30	28 3.7	-80 58.5	122.2	23.2	124.4	924	80.4*	1.4	-22.1	915.2	93.1	23.6	15.8	8.9	8.9	NoChan*
10:12:30	28 3.5	-80 58.6	121.9	23.0	124.1	928	80.5*	1.3	-22.2	919.2	93.1	23.5	15.5	9.4	9.4	NoChan*
10:12:30	28 3.7	-80 58.6	122.2	22.5	124.2	958	NoChan*	1.9	-20.2	95.8	101.3	0.5	-7.0	50.0	50.0	64.2
10:12:30	0 0.0	0 0.0	296.0	318.9	814	0	NoChan*	-16.5	-5.0	93.4	97.5	0.0	236.2	106.6	3.6	127.7
10:13:00	28 4.5	-80 56.4	112.5	53.7	124.7	931	67.4	0.9	-0.7	914.7	92.0	23.2	15.5	8.7	8.7	NoChan*
10:13:00	28 4.3	-80 56.5	112.2	53.6	124.3	937	67.1	0.8	-0.8	919.2	92.0	23.2	15.3	9.2	9.2	NoChan*
10:13:00	28 4.5	-80 56.5	112.4	53.6	124.5	960	NoChan*	-1.3	-21.1	94.8	100.0	0.7	-6.7	50.0	50.0	64.5
10:13:00	0 0.0	0 0.0	295.7	318.3	814	0	NoChan*	-14.9	-4.1	92.2	97.1	-0.0	234.8	130.8	5.2	126.9
10:13:30	28 5.3	-80 54.3	112.4	54.2	124.8	936	67.0	0.8	-0.8	914.7	92.1	23.2	15.5	8.5	8.5	NoChan*
10:13:30	28 5.2	-80 54.4	112.1	54.0	124.5	940	67.0	0.8	-0.9	919.2	92.2	23.2	15.2	8.9	8.9	NoChan*
10:13:30	28 5.4	-80 54.4	112.4	54.1	124.7	960	NoChan*	-1.4	-20.9	94.9	100.2	-1.0	-8.3	50.0	50.0	63.5
10:13:30	0 0.0	0 0.0	295.7	317.9	814	0	NoChan*	-15.6	-4.4	92.4	97.3	0.0	235.0	129.1	4.9	127.0
10:14:00	28 6.2	-80 52.3	112.8	54.4	125.2	936	67.0	0.8	-0.8	914.7	92.4	23.2	15.5	8.3	8.3	NoChan*
10:14:00	28 6.1	-80 52.4	112.5	54.3	124.9	942	67.1	0.7	-0.8	919.2	92.5	23.2	15.2	8.7	8.7	NoChan*
10:14:00	28 6.2	-80 52.3	112.7	54.4	125.1	957	NoChan*	-1.8	-20.9	95.3	100.5	-0.7	-8.1	50.0	50.0	62.9
10:14:00	0 0.0	0 0.0	295.7	317.6	814	0	NoChan*	-14.6	-4.1	92.7	97.6	-0.0	235.4	132.3	4.9	127.1

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
10:14:30	28 7.1	-80 50.2	106.5	51.2	118.1	932	67.2	1.3	-1.1	915.6	82.4	22.5	15.5	8.4	8.4	NoChan*
10:14:30	28 7.0	-80 50.3	106.1	51.0	117.8	938	67.4	1.2	-1.2	919.5	82.5	22.3	15.2	8.9	8.9	NoChan*
10:14:30	28 7.1	-80 50.3	106.4	51.1	118.1	950	NoChan*	7.7	-16.5	84.5	89.8	-0.1	-6.7	50.0	50.0	63.2
10:14:30	0 0.0	0 0.0	295.7	317.9	812	0	NoChan*	-14.9	-3.7	82.9	86.8	-0.0	222.7	128.5	4.8	120.3
10:15:00	28 7.9	-80 48.4	91.8	45.6	102.5	926	67.3	2.9	-0.9	916.7	62.2	20.8	15.5	8.5	8.5	NoChan*
10:15:00	28 7.7	-80 48.5	91.5	45.5	102.2	933	67.0	2.8	-1.0	919.6	62.2	20.6	15.1	9.0	9.0	NoChan*
10:15:00	28 7.9	-80 48.5	91.8	45.5	102.5	944	NoChan*	21.2	-7.1	64.2	68.5	0.7	-4.3	50.0	50.0	63.6
10:15:00	0 0.

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
10:19:30	28 15.8	-80 35.0	59.6	81.4	100.9	606	41.0	3.3	-0.5	952.4	56.2	22.8	18.1	9.4	9.4	NoChan*
10:19:30	28 15.7	-80 35.2	59.3	81.3	100.7	616	40.9	3.2	-0.6	955.2	56.2	22.6	17.8	10.0	10.0	NoChan*
10:19:30	28 15.8	-80 35.1	59.5	81.3	100.8	622	NoChan*	22.4	-1.2	58.9	62.5	0.2	-4.3	50.0	50.0	57.1
10:19:30	0 0.0	0 0.0	295.1	317.8	495	0	NoChan*	-5.9	-1.2	56.7	59.4	-0.0	184.7	146.0	8.2	98.4
10:20:00	28 17.2	-80 33.9	58.1	84.3	102.4	605	39.1	3.1	-1.4	952.4	57.4	23.0	18.2	9.1	9.1	NoChan*
10:20:00	28 17.0	-80 34.1	57.8	84.2	102.2	616	39.1	3.0	-1.5	955.1	57.4	22.8	17.9	9.6	9.6	NoChan*
10:20:00	28 17.2	-80 34.0	58.1	84.2	102.3	623	NoChan*	21.5	-1.6	60.1	63.7	-0.8	-5.3	50.0	50.0	55.5
10:20:00	0 0.0	0 0.0	295.2	317.4	495	0	NoChan*	-5.8	-1.1	57.9	60.5	-0.0	186.6	148.2	8.0	99.5
10:20:30	28 18.6	-80 32.9	53.6	86.4	101.7	605	36.7	3.4	-2.7	952.7	56.7	22.6	17.9	11.3	11.3	NoChan*
10:20:30	28 18.4	-80 33.1	53.3	86.4	101.5	615	36.9	3.3	-2.8	955.3	56.7	22.3	17.5	11.9	11.9	NoChan*
10:20:30	28 18.6	-80 33.0	53.6	86.4	101.7	624	NoChan*	22.5	-1.8	59.3	63.0	-1.6	-6.0	50.0	50.0	66.0
10:20:30	0 0.0	0 0.0	294.8	320.5	494	0	NoChan*	-7.4	-1.6	57.2	59.9	-0.0	185.5	143.8	8.5	98.8
10:21:00	28 20.0	-80 32.0	51.2	86.2	100.2	605	36.0	3.5	3.0	952.6	54.3	22.7	18.2	11.1	11.1	NoChan*
10:21:00	28 19.8	-80 32.2	50.9	86.1	100.1	615	35.8	3.4	2.9	955.4	54.3	22.5	17.9	11.0	11.0	NoChan*
10:21:00	28 20.0	-80 32.1	51.1	86.3	100.2	624	NoChan*	23.8	-2.3	56.9	60.5	-0.4	-4.7	50.0	50.0	64.1
10:21:00	0 0.0	0 0.0	295.1	320.5	493	0	NoChan*	-6.5	-1.6	54.8	57.5	-0.0	181.5	146.6	8.7	96.8
10:21:30	28 21.4	-80 31.0	50.7	85.6	99.5	605	36.2	3.5	-0.0	952.7	53.9	21.9	17.4	15.0	15.0	NoChan*
10:21:30	28 21.2	-80 31.2	50.4	85.6	99.4	615	36.0	3.5	-0.1	955.4	53.9	21.7	17.1	14.8	14.8	NoChan*
10:21:30	28 21.4	-80 31.1	50.6	85.6	99.5	623	NoChan*	24.2	-2.2	56.5	60.1	0.1	-4.2	50.0	50.0	87.0
10:21:30	0 0.0	0 0.0	294.4	326.9	493	0	NoChan*	-7.2	-1.9	54.1	57.0	-0.0	180.9	143.2	9.1	96.4
10:22:00	28 22.7	-80 30.1	52.2	84.6	99.4	606	36.7	3.5	-0.4	952.7	53.9	21.9	17.4	14.4	14.4	NoChan*
10:22:00	28 22.6	-80 30.3	51.9	84.6	99.2	615	36.7	3.4	-0.4	955.4	54.0	21.7	17.1	14.9	14.9	NoChan*
10:22:00	28 22.7	-80 30.2	52.1	84.6	99.4	624	NoChan*	24.0	-2.3	56.6	60.1	-0.4	-4.6	50.0	50.0	83.5
10:22:00	0 0.0	0 0.0	294.4	325.5	493	0	NoChan*	-6.4	-1.5	54.4	57.0	-0.0	181.0	144.7	8.4	96.4
10:22:30	28 24.1	-80 29.1	54.3	82.9	99.0	605	38.0	3.6	1.5	952.6	53.6	21.8	17.3	14.8	14.8	NoChan*
10:22:30	28 24.0	-80 29.3	54.0	82.8	98.9	615	38.1	3.5	1.5	955.4	53.6	21.7	17.1	15.3	15.3	NoChan*
10:22:30	28 24.1	-80 29.2	54.2	82.9	99.0	627	NoChan*	24.6	-2.3	56.3	59.8	-0.7	-4.9	50.0	50.0	86.3
10:22:30	0 0.0	0 0.0	294.3	326.4	493	0	NoChan*	-5.6	-1.3	54.1	56.7	-0.0	180.4	147.4	7.9	96.1
10:23:00	28 25.4	-80 28.1	59.6	78.4	98.5	607	42.3	3.6	1.3	952.7	53.5	21.8	17.3	14.8	14.8	NoChan*
10:23:00	28 25.3	-80 28.3	59.4	78.4	98.3	616	42.0	3.6	1.2	955.4	53.5	21.7	17.1	15.3	15.3	NoChan*
10:23:00	28 25.4	-80 28.2	59.6	78.4	98.5	623	NoChan*	24.2	-2.4	56.2	59.7	-0.0	-4.2	50.0	50.0	86.3
10:23:00	0 0.0	0 0.0	294.3	326.4	493	0	NoChan*	-5.9	-1.4	54.0	56.7	-0.0	180.2	147.4	8.2	96.0
10:23:30	28 26.7	-80 27.0	59.7	78.0	98.2	606	42.0	3.6	-0.8	952.8	53.0	21.9	17.5	14.5	14.5	NoChan*
10:23:30	28 26.5	-80 27.2	59.5	78.0	98.1	615	41.8	3.6	-0.9	955.4	53.0	21.8	17.3	14.9	14.9	NoChan*
10:23:30	28 26.7	-80 27.1	59.7	78.1	98.3	622	NoChan*	24.7	-2.4	55.7	59.2	-0.3	-4.5	50.0	50.0	83.8
10:23:30	0 0.0	0 0.0	294.4	325.8	493	0	NoChan*	-6.2	-1.5	53.5	56.1	-0.0	179.5	149.7	7.6	95.6
10:24:00	28 28.0	-80 25.9	53.8	82.9	98.9	603	37.2	3.8	-1.3	952.8	52.9	21.9	17.5	14.4	14.4	NoChan*
10:24:00	28 27.8	-80 26.1	53.6	82.9	98.7	615	37.3	3.7	-1.4	955.5	52.9	21.8	17.3	14.9	14.9	NoChan*
10:24:00	28 28.0	-80 26.0	53.9	82.9	98.9	622	NoChan*	24.9	-2.4	55.7	59.1	0.2	-4.0	50.0	50.0	83.3
10:24:00	0 0.0	0 0.0	294.4	325.7	492	0	NoChan*	-5.1	-1.2	53.4	56.1	-0.0	179.3	151.3	7.6	95.5

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
10:24:30	28 29.4	-80 25.0	42.4	91.6	100.9	606	28.2	3.6	3.0*	952.4	54.1	22.1	17.5	13.5	13.5	NoChan*
10:24:30	28 29.3	-80 25.2	42.2	91.6	100.8	617	28.3	3.5	3.0*	955.3	54.1	21.9	17.3	14.1	14.1	NoChan*
10:24:30	28 29.4	-80 25.1	42.3	91.7	100.9	624	NoChan*	23.8	-2.1	57.4	60.4	-0.3	-4.6	50.0	50.0	78.3
10:24:30	0 0.0	0 0.0	294.5	324.1	494	0	NoChan*	2.7	1.1	54.6	57.2	-0.0	181.2	150.1	7.9	96.6
10:25:00	28 30.1	-80 23.6	92.2	-2.2	92.2	603	96.1	3.3	-1.1*	952.9	53.5	21.9	17.4	14.5	14.5	NoChan*
10:25:00	28 29.9	-80 23.8	92.0	-2.2	92.0	615	95.8	3.2	-1.2*	955.5	53.5	21.7	17.2	14.9	14.9	NoChan*
10:25:00	28 30.1	-80 23.7	92.2	-2.2	92.3	623	NoChan*	24.9	0.4	55.8	59.6	-0.9	-5.1	50.0	50.0	84.0
10:25:00	0 0.0	0 0.0	294.4	325.7	492	0	NoChan*	-11.5	-3.3	54.0	56.6	-0.0	180.3	151.6	7.2	96.0
10:25:30	28 30.1	-80 21.9	94.8	5.0	94.9	605	90.7	3.4	0.3	952.6	55.9	22.1	17.5	13.6	13.6	NoChan*
10:25:30	28 29.9	-80 22.1	94.6	5.0	94.7	616	90.7	3.3	0.3	955.4	55.9	21.9	17.2	14.0	14.0	NoChan*
10:25:30	28 30.1	-80 22.0	94.8	5.1	94.9	622	NoChan*	21.3	-0.9	58.8	62.3	-0.5	-4.9	50.0	50.0	78.6
10:25:30	0 0.0	0 0.0	294.5	324.1	493	0	NoChan*	-5.0	-1.0	56.4	59.1	-0.0	184.2	150.3	6.7	98.1
10:26:00	28 30.1	-80 20.1	98.8	-4.1	98.9	605	96.8	2.7	-0.4	952.4	62.2	22.8	17.6	13.3	13.3	NoChan*
10:26:00	28 29.9	-80 20.3	98.6	-4.2	98.6	618	96.9	2.5	-0.5	955.3	62.2	22.5	17.2	13.8	13.8	NoChan*
10:26:00	28 30.1	-80 20.2	98.8	-4.2	98.9	623	NoChan*	19.2	-3.5	64.3	68.7	-0.6	-5.5	50.0	50.0	76.9
10:26:00	0 0.0	0 0.0	294.6	323.8	494	0	NoChan*	-12.6	-3.2	62.7	65.5	-0.0	194.0	147.5	7.5	103.4
10:26:30	28 30.0	-80 18.3	98.3	0.8	98.3	608	93.8	2.9	-3.4	952.6	60.9	22.7	17.7	12.8	12.8	NoChan*
10:26:30	28 29.9	-80 18.5	98.1	0.7	98.1	617	93.9	2.8	-3.5	955.4	60.9	22.5	17.3	13.3	13.3	NoChan*
10:26:30	28 30.0	-80 18.4	98.3	0.8	98.3	623	NoChan*	19.6	-4.3	63.0	67.3	-1.0	-5.7	50.0	50.0	73.6
10:26:30	0 0.0	0 0.0	294.7	322.8	493	0	NoChan*	-12.3	-3.3	61.4	64.1	-0.0	192.0	147.8	7.2	102.3
10:27:00	28 30.0	-80 16.5	98.2	-1.8	98.2	607	95.8	2.8	-1.4	952.5	61.5	22.6	17.5	14.1	14.1	NoChan*
10:27:00	28 29.9	-80 16.7	98.0	-1.8	98.0	617	95.5	2.7	-1.5	955.3	61.5	22.3	17.1	14.6	14.6	NoChan*
10:27:00	28 30.0	-80 16.6	98.2	-1.8	98.2	620	NoChan*	18.8	-4.2	63.6	68.0	-0.3	-5.2	50.0	50.0	81.8
10:27:00	0 0.0	0 0.0	294.4	325.2	494	0	NoChan*	-13.5	-3.6	62.0	64.8	-0.0	193.0	147.7	8.0	102.8
10:27:30	28 30.0	-80 14.6	100.0	1.7	100.0	610	93.3	2.5	-0.8	952.2	63.8	22.8	17.5	13.6	13.6	NoChan*
10:27:30	28 29.9	-80 14.9	99.8	1.7	99.8	619	93.3	2.4	-0.8	955.2	63.8	22.6	17.2	14.1	14.1	NoChan*
10:27:30	28 30.0	-80 14.8	100.0	1.7	100.1	624	NoChan*	17.4	-4.4	65.9	70.4	-0.1	-5.1	50.0	50.0	78.6
10:27:30	0 0.0	0 0.0	294.5	324.3	495	0	NoChan*	-11.9	-2.9	64.3	67.3	-0.0	196.5	143.8	7.7	104.7
10:28:00	28 30.1	-80 12.8	100.0	1.9	100.0	608	93.2	2.6	-0.5	952.3	63.4	23.0	17.7	13.0	13.0	NoChan*
10:28:00	28 29.9	-80 13.1	99.8	1.9	99.8	619	93.3	2.5	-0.6	955.3	63.5	22.7	17.3	13.4	13.4	NoChan*
10:28:00	28 30.1	-80 12.9	100.0	2.0	100.0	626	NoChan*	17.2	-5.0	65.6	70.0	-0.3	-5.3	50.0	50.0	74.8
10:28:00	0 0.0	0 0.0	294.7	323.3	494	0	NoChan*	-11.9	-2.9	63.9	66.9	-0.0	196.0	144.9	7.6	104.4
10:28:30	28 30.1	-80 11.0	99.8	-0.6	99.8	608	95.1	2.5	-0.5	952.3	63.5	22.8	17.5	14.3	14.3	NoChan*
10:28:30	28 29.9	-80 11.2	99.6	-0.6	99.6	619	95.1	2.4	-0.6	955.3	63.5	22.5	17.2	14.7	14.7	NoChan*
10:28:30	28 30.1	-80 11.1	99.8	-0.5	99.8	617	NoChan*	17.2	-5.0	65.5	70.1	-0.6	-5.5	50.0	50.0	82.1
10:28:30	0 0.0	0 0.0	294.5	325.5	494	0	NoChan*	-12.5	-3.1	64.0	66.9	-0.0	196.0	147.8	8.2	104.4
10:29:00	28 30.1	-80 9.1	99.9	-1.1	100.0	608	95.3	2.4	-1.3	952.2	63.6	22.8	17.5	14.5	14.5	NoChan*
10:29:00	28 29.9	-80 9.4	99.8	-1.1	99.8	619	95.0	2.4	-1.4	955.2	63.6	22.6	17.2	15.0	15.0	NoChan*
10:29:00	28 30.1	-80 9.3	99.9	-1.0	100.0	623	NoChan*	17.3	-5.1	65.6	70.2	-0.9	-5.9	50.0	50.0	83.6
10:29:00	0 0.0	0 0.0	294.5	326.1	495	0	NoChan*	-13.6	-3.5	64.1	67.0	-0.0	196.2	147.2	7.9	104.5

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
10:29:30	28 30.0	-80 7.3	100.1	-0.2	100.1	608	94.1	2.5	-0.6	952.3	63.5	22.9	17.6	14.7	14.7	NoChan*
10:29:30	28 29.9	-80 7.6	100.0	-0.2	100.0	620	94.1	2.4	-0.6	955.3	63.5	22.6	17.2	15.2	15.2	NoChan*
10:29:30	28 30.0	-80 7.4	100.1	-0.2	100.1	622	NoChan*	17.2	-5.3	65.6	70.1	-0.8	-5.8	50.0	50.0	84.5
10:29:30	0 0.0	0 0.0	294.6	326.5	494	0	NoChan*	-11.4	-2.7	64.0	66.9	-0.0	196.0	144.6	7.1	104.4
10:30:00	28 30.1	-80 5.4	100.4	0.1	100.4	609	94.1	2.6	-0.7	952.4	62.8	22.8	17.6	14.7	14.7	NoChan*
10:30:00	28 29.9	-80 5.7	100.2	0.1	100.2	621	94.2	2.4	-0.7	955.4	62.8	22.5	17.2	15.1	15.1	NoChan*
10:30:00	28 30.1	-80 5.6	100.4	0.2	100.4	621	NoChan*	17.4	-5.6	64.8	69.3	-0.0	-4.9	50.0	50.0	84.3
10:30:00	0 0.0	0 0.0	294.5	326.4	493	0	NoChan*	-13.6	-3.6	63.3	66.2	-0.0	195.0	149.1	6.6	103.9
10:30:30	28 30.0	-80 3.6	101.3	-0.8	101.3	601	94.2	2.4	-0.6	953.7	65.2	23.2	17.8	14.6	14.6	NoChan*
10:30:30	28 29.9	-80 3.9	101.2	-0.7	101.2	610	94.2	2.3	-0.7	956.7	65.2	22.9	17.4	15.0	15.0	NoChan*
10:30:30	28 30.0	-80 3.7	101.3	-0.7	101.3	607	NoChan*	16.2	-5.4	67.2	71.8	-0.0	-5.1	50.0	50.0	82.4
10:30:30	0 0.0	0 0.0	294.6	326.2	482	0	NoChan*	-13.4	-3.4	65.7	68.4	-0.0	198.5	140.4	6.7	105.7
10:31:00	28 30.0	-80 1.7	100.5	-0.5	100.5	595	94.6	2.3	-0.6	954.1	65.0	23.3	17.9	14.6	14.6	NoChan*
10:31:00	28 29.9	-80 2.0	100.4	-0.5	100.4	606	94.3	2.2	-0.7	957.1	65.0	23.1	17.6	15.0	15.0	NoChan*
10:31:00	28 30.0	-80 1.9	100.5	-0.5	100.5	601	NoChan*	16.2	-5.7	67.2	71.7	-0.8	-5.8	50.0	50.0	81.7
10:31:00	0 0.0	0 0.0	294.7	326.3	478	0	NoChan*	-11.7	-2.7	65.5	68.6	-0.0	198.3	143.3	8.2	105.6
10:31:30	28 30.0	-79 59.9	99.3	-0.6	99.3	593	94.1	2.5	-0.6	954.3	63.6	23.3	18.0	14.6	14.6	NoChan*
10:31:30	28 29.9	-80 0.2	99.1	-0.5	99.1	604	94.2	2.4	-0.6	957.3	63.7	23.0	17.7	15.0	15.0	NoChan*
10:31:30	28 30.0	-80 0.0	99.2	-0.5	99.2	601	NoChan*	17.2	-6.1	65.7	70.2	0.7	-4.3	50.0	50.0	81.2
10:31:30	0 0.0	0 0.0	294.8	326.4	477	0	NoChan*	-12.9	-3.3	64.1	67.0	-0.0	196.3	135.4	7.3	104.5
10:32:00	28 30.0	-79 58.1	98.4	-3.2	98.5	593	95.6*	2.7	14.1*	954.0	61.8	23.1	18.0	14.8	14.8	NoChan*
10:32:00	28 29.9	-79 58.4	98.3	-3.1	98.3	604	95.7*	2.6	13.9*	957.4	61.8	22.9	17.6	15.2	15.2	NoChan*
10:32:00	28 30.0	-79 58.2	98.5	-2.5	98.5	601	NoChan*	21.0	-5.3	64.6	68.4	-0.7	-5.5	50.0	50.0	82.5
10:32:00	0 0.0	0 0.0	294.8	326.8	476	0	NoChan*	-4.6	-0.9	62.4	65.7	-0.0	193.5	141.8	7.0	103.1
10:32:30	28 29.1	-79 56.9	14.8	-95.4	96.5	595	171.5*	2.5	23.2*	953.6	60.1	23.0	18.0	14.6	14.6	NoChan*
10:32:30	28 28.9	-79 57.1	14.7	-95.3	96.4	605	171.0*	2.4	23.1	957.2	60.1	22.8	17.7	15.0	15.0	NoChan*
10:32:30	28 29.1	-79 57.0	15.3	-95.3	96.5	604	NoChan*	24.0	-3.7	62.8	66.8	-0.5	-5.2	50.0	50.0	81.3
10:32:30	0 0.0	0 0.0	294.9	326.5	477	0	NoChan*	-7.8	-1.5	60.6	64.2	-0.0	190.9	145.9	5.7	101.7
10:33:00	28 27.7	-79 56.3	80.5	-52.1	95.9	596	123.7*	3.3	-24.7	954.9	61.9	23.1	17.9	14.5	14.5	NoChan*
10:33:00	28 27.5	-79 56.6	80.3	-52.1	95.7	606	123.7*	3.3	-24.8	957.2	61.9	22.8	17.6	15.0	15.0	NoChan*
10:33:00	28 27.7	-79 56.4	80.2	-52.5	95.8	603	NoChan*	21.0	-3.7	63.9	68.7	-0.7	-5.6	50.0	50.0	81.5
10:33:00	0 0.0	0 0.0	294.8	326.3	478	0	NoChan*	-16.3	-5.0	62.3	64.6	-0.0	193.6	133.5	7.3	103.1
10:33:30	28 27.8	-79 54.6	78.7	67.8	103.9	594	53.1*	3.1	-24.5	955.0	62.3	23.1	18.0	14.9	14.9	NoChan*
10:33:30	28 27.7	-79 54.9	78.6	67.9	103.8	605	53.1*	3.0	-24.6	957.2	62.3	22.9	17.6	15.4	15.4	NoChan*
10:33:30	28 27.8	-79 54.7	78.8	67.6	103.8	601	NoChan*	21.9	-3.7	64.2	69.0	-0.5	-5.3	50.0	50.0	83.4
10:33:30	0 0.0	0 0.0	294.8	327.1	477	0	NoChan*	-15.6	-4.7	62.7	65.0	-0.0	194.2	144.8	7.0	103.4
10:34:00	28 29.4	-79 54.1	-36.8	104.1	110.4	596	341.9*	3.2	-24.8	955.0	61.8	23.2	18.0	14.8	14.8	NoChan*
10:34:00	28 29.3	-79 54.4	-36.9	104.3	110.6	605	342.0*	3.2	-24.9	957.2	61.8	22.9	17.7	15.2	15.2	NoChan*
10:34:00	28 29.4	-79 54.3	-36.5	104.4	110.6	602	NoChan*	22.5	-3.8	63.9	68.5	-0.5	-5.3	50.0	50.0	82.4
10:34:00	0 0.0	0 0.0	294.9	327.0	477	0	NoChan*	-14.4	-4.2	62.3	64.5	-0.0	193.5	139.6	7.9	103.1

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
10:34:30	28 30.3	-79 55.6	-106.0	-6.8	106.2	593	263.9*	3.0	-12.6*	955.1	59.1	23.0	18.1	14.6	14.6	NoChan*
10:34:30	28 30.2	-79 55.9	-106.1	-6.6	106.3	603	263.9*	3.0	-12.6*	957.5	59.1	22.8	17.7	15.1	15.1	NoChan*
10:34:30	28 30.3	-79 55.8	-106.2	-6.5	106.4	573*	NoChan*	21.4	-4.0	61.0	65.5	-0.6	-5.2	50.0	50.0	80.9
10:34:30	0 0.0	0 0.0	294.9	326.5	475	0	NoChan*	-15.1	-4.3	59.5	62.2	-0.0	189.3	130.7	7.7	100.8
10:35:00	28 29.9	-79 57.5	-106.5	-0.1	106.5	598	268.9	2.2	4.2*	954.0	59.6	22.9	18.0	14.7	14.7	NoChan*
10:35:00	28 29.8	-79 57.8	-106.7	0.0	106.7	608	268.9	2.1	4.3*	956.9	59.6	22.7	17.6	15.1	15.1	NoChan*
10:35:00	28 30.0	-79 57.7	-106.7	0.1	106.7	606	NoChan*	19.2	-4.9	61.2	65.9	-0.2	-4.9	50.0	50.0	81.9
10:35:00	0 0.

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
10:39:30	28 30.0	-80 14.2	-101.3	-0.3	101.3	595	267.2	3.5	-0.5	954.3	52.8	22.1	17.7	14.4	14.4	NoChan*
10:39:30	28 29.9	-80 14.5	-101.2	0.1	101.2	604	267.2	3.5	-0.6	957.0	52.8	22.1	17.6	14.9	14.9	NoChan*
10:39:30	28 30.1	-80 14.3	-101.5	-0.0	101.5	604	NoChan*	23.7	-1.3	55.0	58.8	-1.1	-5.3	50.0	50.0	82.0
10:39:30	0 0.0	0 0.0	294.5	325.7	479	0	NoChan*	-11.7	-3.4	53.2	55.9	-0.0	179.1	135.4	8.7	95.3
10:40:00	28 30.0	-80 16.0	-101.3	-0.2	101.3	594	267.6	3.6	-0.6	954.4	53.0	22.1	17.7	14.3	14.3	NoChan*
10:40:00	28 29.9	-80 16.3	-101.3	0.2	101.3	603	267.3	3.6	-0.7	957.1	53.0	22.2	17.7	14.8	14.8	NoChan*
10:40:00	28 30.1	-80 16.2	-101.5	0.0	101.5	606	NoChan*	24.7	-0.9	55.1	59.0	-0.9	-5.0	50.0	50.0	81.4
10:40:00	0 0.0	0 0.0	294.5	325.5	479	0	NoChan*	-12.6	-3.8	53.4	56.0	-0.0	179.4	133.7	8.2	95.5
10:40:30	28 30.0	-80 17.9	-100.7	-0.2	100.7	594	267.4	3.5	-0.8	954.4	52.6	22.1	17.7	14.0	14.0	NoChan*
10:40:30	28 29.9	-80 18.2	-100.7	0.2	100.7	604	267.4	3.5	-0.8	957.0	52.6	22.1	17.6	14.4	14.4	NoChan*
10:40:30	28 30.1	-80 18.1	-101.0	0.1	101.0	604	NoChan*	24.4	-1.2	54.6	58.6	0.3	-3.8	50.0	50.0	79.8
10:40:30	0 0.0	0 0.0	294.5	324.9	479	0	NoChan*	-13.0	-4.0	53.0	55.6	-0.0	178.8	136.9	8.5	95.2
10:41:00	28 30.0	-80 19.7	-100.1	-0.5	100.1	593	267.3	3.7	-0.7	954.6	52.4	22.2	17.8	13.1	13.1	NoChan*
10:41:00	28 29.9	-80 20.0	-100.1	-0.1	100.1	602	267.4	3.6	-0.8	957.2	52.4	22.2	17.8	13.6	13.6	NoChan*
10:41:00	28 30.1	-80 19.9	-100.4	-0.2	100.4	602	NoChan*	24.6	-1.1	54.5	58.4	0.0	-4.1	50.0	50.0	74.8
10:41:00	0 0.0	0 0.0	294.6	323.4	477	0	NoChan*	-12.4	-3.7	52.8	55.5	-0.0	178.5	137.7	7.9	95.0
10:41:30	28 30.0	-80 21.6	-99.2	-0.5	99.2	592	267.1	3.8	-0.5	954.6	51.5	22.1	17.8	12.7	12.7	NoChan*
10:41:30	28 29.9	-80 21.9	-99.1	-0.1	99.1	601	267.2	3.7	-0.6	957.2	51.5	22.2	17.9	13.1	13.1	NoChan*
10:41:30	28 30.1	-80 21.7	-99.4	-0.2	99.4	603	NoChan*	24.9	-1.5	53.7	57.4	-1.5	-5.5	50.0	50.0	72.7
10:41:30	0 0.0	0 0.0	294.6	322.6	477	0	NoChan*	-12.0	-3.5	51.9	54.6	-0.0	177.0	139.2	8.0	94.2
10:42:00	28 30.7	-80 23.2	-68.1	95.8	117.5	603	326.9*	1.2	20.6	952.2	70.2	23.4	17.7	12.6	12.6	NoChan*
10:42:00	28 30.6	-80 23.5	-68.0	96.2	117.8	614	326.7*	1.1	20.6	956.2	70.2	23.3	17.3	13.1	13.1	NoChan*
10:42:00	28 30.8	-80 23.4	-68.7	95.8	117.9	617	NoChan*	13.0	-6.9	72.5	77.4	-0.6	-6.1	50.0	50.0	73.0
10:42:00	0 0.0	0 0.0	294.6	322.4	486	0	NoChan*	-15.7	-3.7	70.6	74.5	-0.0	205.8	136.1	8.0	109.6
10:42:30	28 32.5	-80 23.7	-5.0	111.4	111.5	897	1.9	9.6	3.1	920.9	63.4	21.1	15.8	12.5	12.5	NoChan*
10:42:30	28 32.5	-80 24.0	-4.8	112.0	112.1	903	2.0	9.5	3.1	924.5	63.4	21.0	15.5	12.8	12.8	NoChan*
10:42:30	28 32.6	-80 23.9	-5.3	111.9	112.1	902	NoChan*	9.8	-12.9	66.3	70.5	-0.7	-5.8	50.0	50.0	82.0
10:42:30	0 0.0	0 0.0	295.5	324.2	767	0	NoChan*	-12.3	-3.0	63.8	67.5	0.0	195.9	135.7	9.4	105.7
10:43:00	28 34.4	-80 23.7	3.5	111.7	111.8	1167	6.7	7.9	-2.2*	892.2	64.6	19.3	13.7	11.3	11.3	NoChan*
10:43:00	28 34.3	-80 24.0	3.7	112.2	112.3	1172	6.7	7.8	-2.3*	895.5	64.6	19.1	13.4	11.7	11.7	NoChan*
10:43:00	28 34.4	-80 23.9	3.4	112.2	112.2	1171	NoChan*	12.2	-12.1	66.9	71.7	-0.3	-5.6	50.0	50.0	86.7
10:43:00	0 0.0	0 0.0	296.0	323.5	1029	0	NoChan*	-16.8	-4.6	64.9	68.4	0.0	197.7	126.0	8.2	107.9
10:43:30	28 36.1	-80 23.7	-1.0	107.6	107.6	1487	4.5	6.4*	-0.4*	858.9	59.0	17.2	11.9	8.8	8.8	NoChan*
10:43:30	28 36.1	-80 24.0	-0.8	108.1	108.1	1489	4.2	6.3*	-0.4*	861.9	59.0	17.0	11.6	9.2	9.2	NoChan*
10:43:30	28 36.2	-80 23.9	-1.1	108.1	108.1	1491	NoChan*	14.6	-9.4	61.7	65.5	-0.4	-5.5	50.0	50.0	82.2
10:43:30	0 0.0	0 0.0	297.4	321.8	1343	0	NoChan*	-8.7	-1.8	59.5	62.5	0.0	189.1	111.6	8.8	104.9
10:44:00	28 38.0	-80 23.7	4.9	122.7	122.8	1525	7.2*	1.1	-0.1*	854.7	78.1	18.4	11.5	8.7	8.7	NoChan*
10:44:00	28 38.0	-80 24.0	5.2	123.3	123.4	1527	7.2*	1.0	-0.1*	858.5	78.1	18.3	11.1	9.2	9.2	NoChan*
10:44:00	28 38.1	-80 23.9	4.7	123.2	123.3	1528	NoChan*	2.1	-13.7	79.8	85.2	-0.4	-7.1	50.0	50.0	84.2
10:44:00	0 0.0	0 0.0	297.3	321.5	1376	0	NoChan*	-20.3	-6.0	78.3	82.5	0.0	216.9	112.8	7.8	120.3

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
10:44:30	28 40.0	-80 23.5	9.0	114.6	115.0	1513	9.6	2.5	-1.9	856.2	66.3	17.7	11.7	8.8	8.8	NoChan*
10:44:30	28 40.0	-80 23.8	9.3	115.2	115.6	1515	9.8	2.4	-2.0	859.3	66.3	17.4	11.3	9.2	9.2	NoChan*
10:44:30	28 40.1	-80 23.7	8.9	115.2	115.5	1516	NoChan*	18.1	-9.8	67.8	72.7	-0.1	-5.8	50.0	50.0	83.4
10:44:30	0 0.0	0 0.0	297.4	321.8	1369	0	NoChan*	-16.1	-4.2	66.7	69.9	0.0	200.2	122.8	8.7	111.1
10:45:00	28 41.8	-80 23.4	7.2	107.9	108.2	1513	9.2	1.3*	-0.4	856.4	59.0	16.9	11.6	8.8	8.8	NoChan*
10:45:00	28 41.8	-80 23.7	7.5	108.5	108.8	1515	9.2	1.2*	-0.4	859.1	59.0	16.7	11.2	9.3	9.3	NoChan*
10:45:00	28 41.9	-80 23.6	7.0	108.5	108.7	1516	NoChan*	14.3	-7.3	60.6	64.9	-0.8	-5.9	50.0	50.0	84.2
10:45:00	0 0.0	0 0.0	297.4	321.8	1370	0	NoChan*	-15.2	-4.3	59.4	62.4	0.0	189.1	119.1	8.2	105.0
10:45:30	28 43.5	-80 22.9	60.0	92.5	110.2	1395	39.6*	2.3	7.1	868.0	66.0	18.6	12.7	8.9	8.9	NoChan*
10:45:30	28 43.5	-80 23.2	60.3	93.1	110.9	1397	39.3*	2.3	7.0	871.4	66.1	18.3	12.3	9.6	9.6	NoChan*
10:45:30	28 43.6	-80 23.1	59.8	93.1	110.7	1396	NoChan*	15.8	-6.0	67.9	72.5	-1.0	-6.6	50.0	50.0	78.4
10:45:30	0 0.0	0 0.0	297.3	321.5	1254	0	NoChan*	-14.7	-3.7	66.5	69.8	0.0	199.9	124.8	10.1	110.3
10:46:00	28 44.7	-80 21.5	92.4	49.9	105.0	1370	66.6*	1.5	19.0	870.6	64.9	18.3	12.5	9.1	9.1	NoChan*
10:46:00	28 44.7	-80 21.8	92.7	50.5	105.6	1371	66.6*	1.3	19.0	874.2	64.9	18.0	12.1	9.5	9.5	NoChan*
10:46:00	28 44.9	-80 21.7	92.2	50.8	105.3	1372	NoChan*	17.6	-5.5	67.0	71.3	-0.1	-5.6	50.0	50.0	80.5
10:46:00	0 0.0	0 0.0	296.8	321.2	1228	0	NoChan*	-10.2	-1.9	65.4	68.8	0.0	198.1	121.0	7.8	109.2
10:46:30	28 45.0	-80 19.7	99.4	4.2	99.5	1355	90.8	2.8	1.0	872.6	60.0	18.1	12.7	8.8	8.8	NoChan*
10:46:30	28 45.0	-80 19.9	99.7	4.8	99.9	1357	90.9	2.7	0.9	875.5	60.0	17.8	12.3	9.3	9.3	NoChan*
10:46:30	28 45.1	-80 19.9	99.4	4.9	99.5	1360	NoChan*	20.1	-5.7	61.8	66.2	-1.0	-6.1	50.0	50.0	78.2
10:46:30	0 0.0	0 0.0	296.9	320.9	1215	0	NoChan*	-14.1	-3.9	60.5	63.4	0.0	190.7	121.4	6.6	105.1
10:47:00	28 45.0	-80 17.9	96.5	-1.4	96.5	1357	94.6	3.2	1.4*	872.6	55.7	17.9	12.9	8.5	8.5	NoChan*
10:47:00	28 45.0	-80 18.1	96.8	-0.8	96.8	1360	94.3	3.1	1.4*	875.4	55.7	17.7	12.6	9.0	9.0	NoChan*
10:47:00	28 45.2	-80 18.1	96.5	-0.7	96.5	1360	NoChan*	22.8	-4.5	57.5	61.7	-0.6	-5.3	50.0	50.0	75.7
10:47:00	0 0.0	0 0.0	297.1	320.7	1217	0	NoChan*	-14.7	-4.3	56.1	58.7	0.0	183.8	131.2	6.3	101.3
10:47:30	28 44.6	-80 16.3	62.1	-71.8	94.9	1375	141.0*	3.2	16.3*	870.4	54.9	17.5	12.6	9.4	9.4	NoChan*
10:47:30	28 44.6	-80 16.5	62.5	-71.2	94.7	1377	141.0*	3.1	16.3*	873.6	54.9	17.5	12.5	9.9	9.9	NoChan*
10:47:30	28 44.7	-80 16.5	62.5	-71.0	94.6	1377	NoChan*	26.0	-1.9	56.9	61.0	-0.5	-5.2	50.0	50.0	81.9
10:47:30	0 0.0	0 0.0	297.0	321.9	1233	0	NoChan*	-14.8	-4.2	55.3	58.5	0.0	182.6	130.9	5.8	100.7
10:48:00	28 43.2	-80 15.4	40.6	-92.2	100.8	1341	155.3	2.1*	0.3	874.5	58.3	17.8	12.6	9.0	9.0	NoChan*
10:48:00	28 43.2	-80 15.7	41.0	-91.7	100.4	1342	155.4	2.0*	0.2	877.3	58.3	17.6	12.3	9.6	9.6	NoChan*
10:48:00	28 43.4	-80 15.6	40.6	-91.7	100.3	1340	NoChan*	16.9	-3.1	60.0	64.3	-0.2	-5.2	50.0	50.0	79.7
10:48:00	0 0.0	0 0.0	296.7	320.9	1199	0	NoChan*	-15.2	-4.3	58.7	61.5	0.0	188.0	97.8	5.0	103.5
10:48:30	28 41.8	-80 14.4	80.2	-69.3	106.0	1267	130.6*	2.0	-8.9*	882.1	69.8	18.9	12.8	10.3	10.3	NoChan*
10:48:30	28 41.8	-80 14.7	80.6	-68.8	106.0	1267	130.5*	1.9	-9.0*	885.2	69.8	18.6	12.3	10.7	10.7	NoChan*
10:48:30	28 41.9	-80 14.7	80.3	-68.7	105.7	1266	NoChan*	12.3	-8.9	71.8	76.6	-0.6	-6.5	50.0	50.0	86.0
10:48:30	0 0.0	0 0.0	296.1	322.1	1125	0	NoChan*	-13.7	-3.7	70.2	73.3	0.1	205.4	115.4	6.7	112.5
10:49:00	28 41.1	-80 12.7	98.2	-33.9	103.9	1278	113.3*	2.4	27.4	880.2	69.0	19.1	13.1	10.0	10.0	NoChan*
10:49:00	28 41.2	-80 12.9	98.7	-33.3	104.1	1277	112.9*	2.3	27.3	884.2	69.0	18.9	12.7	10.4	10.4	NoChan*
10:49:00	28 41.3	-80 12.9	98.6	-32.7	103.9	1276	NoChan*	21.9	-7.4	70.6	76.0	-0.9	-6.6	50.0	50.0	82.5
10:49:00	0 0.0	0 0.0	296.5	322.0	1134	0	NoChan*	-20.2	-5.6	69.4	73.3	0.0	204.2	130.4	8.7	112.0

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
10:49:30	28 39.8	-80 11.9	-11.3	-106.7	107.3	1268	182.4*	2.2	9.7*	881.6	64.9	18.6	12.9	9.6	9.6	NoChan*
10:49:30	28 39.8	-80 12.2	-10.9	-106.1	106.7	1267	182.4*	2.1	9.6*	885.0	64.9	18.3	12.5	10.2	10.2	NoChan*
10:49:30	28 39.9	-80 12.2	-11.0	-106.2	106.8	1267	NoChan*	16.2	-7.1	67.4	71.3	-0.6	-6.1	50.0	50.0	81.4
10:49:30	0 0.0	0 0.0	0 0.0	296.2	321.2	1127	0	NoChan*	-5.2	-0.7	65.4	68.7	0.0	198.1	103.5	8.1	108.6
10:50:00	28 38.0	-80 12.2	-7.2	-104.0	104.2	1274	180.1*	2.8	-13.6*	881.7	62.2	18.5	13.0	10.1	10.1	NoChan*
10:50:00	28 38.1	-80 12.4	-6.8	-103.4	103.6	1274	180.3*	2.7	-13.6*	884.3	62.3	18.2	12.6	10.6	10.6	NoChan*
10:50:00	28 38.2	-80 12.4	-7.6	-103.5	103.7	1274	NoChan*	18.2	-8.0	63.6	68.7	-1.3	-6.6	50.0	50.0	83.5
10:50:00	0 0.0	0 0.0	296.4	322.1	1133	0	NoChan*	-21.1	-6.7	62.5	65.2	0.0	194.1	105.3	9.5	106.5
10:50:30	28 36.4	-80 12.3	-5.7	-102.3	102.5	1274	180.2*	2.3	5.2*	881.1	61.6	18.8	13.4	8.7	8.7	NoChan*
10:50:30	28 36.5	-80 12.5	-5.3	-101.7	101.9	1275	179.8*	2.3	5.1*	884.2	61.6	18.5	13.0	9.2	9.2	NoChan*
10:50:30	28 36.6	-80 12.5	-5.4	-101.8	102.0	1275	NoChan*	17.7	-7.9	63.7	67.8	-0.7	-5.9	50.0	50.0	74.5
10:50:30	0 0.0	0 0.0	296.8	320.4	1134	0	NoChan*	-10.6	-2.6	62.1	65.2	0.0	193.1	116.8	8.1	106.0
10:51:00	28 34.7	-80 12.2	9.2	-99.3	99.7	1272	171.1	2.9	-0.1	881.5	58.6	18.8	13.6	8.1	8.1	NoChan*
10:51:00	28 34.8	-80 12.4	9.6	-98.7	99.1	1272	171.1	2.9	-0.1	884.3	58.6	18.5	13.2	8.6	8.6	NoChan*
10:51:00	28 35.0	-80 12.4	9.4	-98.7	99.2	1274	NoChan*	22.3	-5.6	60.5	64.7	-0.7	-5.6	50.0	50.0	70.3
10:51:00	0 0.0	0 0.0	0 0.0	297.0	319.7	1133	0	NoChan*	-14.3	-4.1	59.0	61.8	0.0	188.4	106.0	9.3	103.5
10:51:30	28 33.1	-80 12.1	1.1	-104.2	104.2	1275	176.2*	2.5	6.7*	881.0	61.4	18.9	13.5	8.3	8.3	NoChan*
10:51:30	28 33.2	-80 12.3	1.6	-103.6	103.6	1275	176.3*	2.4	6.7*	884.1	61.5	18.6	13.1	8.7	8.7	NoChan*
10:51:30	28 33.3	-80 12.3	1.6	-103.6	103.7	1277	NoChan*	17.9	-5.3	63.4	67.7	0.1	-5.0	50.0	50.0	71.6
10:51:30	0 0.0	0 0.0	296.9	319.8	1135	0	NoChan*	-13.5	-3.8	61.9	64.8	0.0	192.9	98.3	8.6	105.9
10:52:00	28 31.4	-80 12.1	2.8	-108.3	108.4	1276	175.2	2.3	-1.2*	881.1	65.4	19.2	13.4	8.1	8.1	NoChan*
10:52:00	28 31.5	-80 12.3	3.3	-107.7	107.8	1275	175.3	2.2	-1.3*	884.2	65.5	18.9	13.0	8.6	8.6	NoChan*
10:52:00	28 31.6	-80 12.4	2.9	-107.8	107.8	1275	NoChan*	15.1	-5.8	67.3	71.9	-0.7	-6.2	50.0	50.0	70.7
10:52:00	0 0.0	0 0.0	0 0.0	296.8	319.4	1134	0	NoChan*	-13.4	-3.3	65.9	68.8	0.0	198.9	92.0	8.2	109.2
10:52:30	28 29.6	-80 12.2	-1.0	-111.3	111.4	1278	178.0	1.9	-3.5	880.7	69.2	19.2	13.1	9.2	9.2	NoChan*
10:52:30	28 29.7	-80 12.3	-0.5	-110.7	110.7	1279	177.7	1.9	-3.6	884.0	69.3	18.9	12.7	9.8	9.8	NoChan*
10:52:30	28 29.8	-80 12.4	-0.9	-110.8	110.8	1279	NoChan*	12.0	-7.9	71.0	75.9	0.2	-5.6	50.0	50.0	78.4
10:52:30	0 0.0	0 0.0	296.5	320.9	1136	0	NoChan*	-16.0	-4.1	69.7	72.8	0.0	204.5	95.7	7.0	112.2
10:53:00	28 27.8	-80 12.1	2.5	-113.0	113.0	1279	175.7	1.6	-0.7	880.5	72.9	19.1	12.7	10.5	10.5	NoChan*
10:53:00	28 27.9	-80 12.3	3.0	-112.4	112.4	1280	175.7	1.5	-0.7	884.1	72.9	18.9	12.4	10.7	10.7	NoChan*
10:53:00	28 28.0	-80 12.3	2.7	-112.5	112.5	1277	NoChan*	8.6	-11.4	74.9	79.6	-0.5	-6.5	50.0	50.0	87.6
10:53:00	0 0.0	0 0.0	296.1	322.6	1136	0	NoChan*	-14.7	-3.6	73.3	77.0	0.0	209.7	100.3	8.2	115.0
10:53:30	28 25.9	-80 12.2	-2.6	-113.0	113.0	1277	178.6	1.6	-2.5	880.7	75.6	19.2	12.7	10.6	10.6	NoChan*
10:53:30	28 26.1	-80 12.3	-2.1	-112.3	112.3	1277	178.7	1.5	-2.6	884.4	75.6	19.1	12.3	11.0	11.0	NoChan*
10:53:30	28 26.2	-80 12.4	-2.6	-112.4	112.5	1275	NoChan*	8.5	-11.6	77.5	82.6	-0.6	-6.9	50.0	50.0	88.2
10:53:30	0 0.0	0 0.0	0 0.0	296.0	322.5	1133	0	NoChan*	-16.6	-4.4	76.0	79.7	0.0	213.5	117.3	8.6	117.0
10:54:00	28 24.1	-80 12.1	1.3	-111.5	111.5	1275	176.3	1.7	-0.7	880.9	73.2	19.2	12.8	10.2	10.2	NoChan*
10:54:00	28 24.3	-80 12.3	1.8	-110.8	110.9	1276	176.4	1.6	-0.8	884.5	73.2	19.0	12.4	10.6	10.6	NoChan*
10:54:00	28 24.4	-80 12.4	1.4	-111.0	111.0	1273	NoChan*	10.3	-12.1	75.1	80.1	-0.1	-6.2	50.0	50.0	85.1
10:54:00	0 0.0	0 0.0	296.1	322.0	1132	0	NoChan*	-15.3	-3.9	73.6	77.2	0.0	210.1	112.1	8.8	115.2

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
10:54:30	28 22.3	-80 12.1	-2.5	-110.9	111.0	1278	178.5	1.6	-1.9	880.7	72.1	19.3	13.0	9.4	9.4	NoChan*
10:54:30	28 22.5	-80 12.3	-2.0	-110.3	110.3	1278	178.2	1.6	-2.0	884.2	72.1	19.1	12.7	9.9	9.9	NoChan*
10:54:30	28 22.6	-80 12.4	-2.4	-110.4	110.4	1276	NoChan*	10.2	-12.5	74.1	78.9	-0.9	-6.9	50.0	50.0	79.9
10:54:30	0 0.0	0 0.0	296.4	321.1	1134	0	NoChan*	-15.1	-3.8	72.5	76.0	0.0	208.6	114.4	8.2	114.4
10:55:00	28 20.5	-80 12.1	0.0	-110.4	110.4	1276	177.0	1.7	-0.6	880.8	71.3	19.3	13.1	9.1	9.1	NoChan*
10:55:00	28 20.7	-80 12.3	0.5	-109.7	109.7	1277	177.0	1.6	-0.7	884.3	71.3	19.1	12.7	9.6	9.6

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
10:59:30	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	
10:59:30	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	
10:59:30	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	
10:59:30	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	
11:00:00	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	
11:00:00	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	
11:00:00	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	
11:00:00	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	
11:00:30	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	
11:00:30	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	
11:00:30	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	
11:00:30	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	
11:01:00	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	
11:01:00	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	
11:01:00	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	
11:01:00	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	
11:01:30	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	
11:01:30	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	
11:01:30	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	
11:01:30	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	
11:02:00	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	
11:02:00	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	
11:02:00	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	
11:02:00	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	
11:02:30	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	
11:02:30	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	
11:02:30	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	
11:02:30	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	
11:03:00	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	
11:03:00	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	
11:03:00	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	
11:03:00	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	
11:03:30	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	
11:03:30	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	
11:03:30	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	
11:03:30	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	
11:04:00	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	
11:04:00	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	
11:04:00	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	
11:04:00	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	

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
11:04:30	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	
11:04:30	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	
11:04:30	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	
11:04:30	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	
11:05:00	28	26.3	-80	12.0	-0.7	111.8	111.8	1276	5.0	2.5	-2.2*	881.2	64.1	18.6	12.9	10.0	10.0	NoChan*
11:05:00	28	26.7	-80	12.0	-0.0	112.4	112.4	1277	5.0	2.4	-2.3*	884.2	64.1	18.3	12.5	10.4	10.4	NoChan*
11:05:00	28	26.8	-80	12.2	-0.3	112.4	112.4	1280	NoChan*	15.7	-6.7	65.9	70.4	-0.8	-6.2	50.0	50.0	83.2
11:05:00	0	0.0	0	0.0	296.3	321.9	1134	0	NoChan*	-14.5	-3.9	64.5	67.6	0.0	197.0	116.3	9.1	108.0
11:05:30	28	28.1	-80	12.0	2.7	111.2	111.2	1276	7.4	2.3	-2.5*	881.1	65.1	18.9	13.1	9.9	9.9	NoChan*
11:05:30	28	28.5	-80	12.0	3.3	111.8	111.8	1277	7.0	2.3	-2.6*	884.2	65.1	18.6	12.7	10.3	10.3	NoChan*
11:05:30	28	28.6	-80	12.2	3.1	111.8	111.8	1280	NoChan*	14.4	-7.0	66.9	71.5	-0.4	-5.9	50.0	50.0	81.8
11:05:30	0	0.0	0	0.0	296.5	322.0	1134	0	NoChan*	-14.6	-3.7	65.5	68.7	0.0	198.4	107.7	9.8	108.9
11:06:00	28	29.9	-80	12.0	0.0	111.5	111.5	1276	5.3	2.4	-0.7	881.1	64.4	18.5	12.8	10.3	10.3	NoChan*
11:06:00	28	30.4	-80	12.0	0.7	112.1	112.1	1277	5.3	2.3	-0.7	884.2	64.4	18.2	12.4	10.8	10.8	NoChan*
11:06:00	28	30.4	-80	12.2	0.4	112.2	112.2	1278	NoChan*	15.5	-7.0	66.2	70.8	-0.6	-6.0	50.0	50.0	86.1
11:06:00	0	0.0	0	0.0	296.2	322.3	1134	0	NoChan*	-14.7	-3.9	64.8	67.9	0.0	197.4	114.3	8.7	108.3
11:06:30	28	31.8	-80	12.0	16.5	108.6	109.9	1279	15.2*	2.5	24.2*	880.2	64.5	18.8	13.1	9.1	9.1	NoChan*
11:06:30	28	32.2	-80	11.9	17.2	109.2	110.5	1279	15.3*	2.4	24.1*	884.0	64.5	18.5	12.7	9.5	9.5	NoChan*
11:06:30	28	32.3	-80	12.2	16.4	109.4	110.6	1282	NoChan*	19.8	-6.0	66.5	71.1	-1.0	-6.4	50.0	50.0	77.5
11:06:30	0	0.0	0	0.0	296.5	320.6	1136	0	NoChan*	-14.2	-3.7	65.0	68.8	0.0	197.6	110.7	8.7	108.4
11:07:00	28	32.9	-80	10.8	99.0	18.1	100.7	1275	84.3*	2.1	20.1*	880.9	62.9	19.1	13.5	8.1	8.1	NoChan*
11:07:00	28	33.3	-80	10.7	99.7	18.5	101.4	1275	83.9*	2.0	20.0*	884.4	62.9	18.8	13.1	8.6	8.6	NoChan*
11:07:00	28	33.4	-80	10.9	99.5	19.0	101.3	1280	NoChan*	19.2	-6.1	64.8	69.3	-0.7	-6.0	50.0	50.0	70.7
11:07:00	0	0.0	0	0.0	296.9	319.6	1132	0	NoChan*	-15.4	-4.2	63.4	66.9	0.0	195.2	116.0	7.9	107.1
11:07:30	28	33.7	-80	9.3	20.6	104.7	106.7	1275	14.3*	3.7	-31.5*	882.4	59.5	18.8	13.5	8.1	8.1	NoChan*
11:07:30	28	34.2	-80	9.2	21.2	105.1	107.2	1275	14.1*	3.7	-31.5*	884.6	59.5	18.6	13.3	8.6	8.6	NoChan*
11:07:30	28	34.2	-80	9.4	21.5	104.9	107.1	1257	NoChan*	26.6	-4.2	61.6	66.0	-1.3	-6.3	50.0	50.0	70.5
11:07:30	0	0.0	0	0.0	296.9	319.5	1131	0	NoChan*	-15.6	-5.2	59.9	62.2	0.0	190.0	122.1	7.4	104.3
11:08:00	28	35.1	-80	10.3	-105.6	31.0	110.1	1276	285.1*	3.9	-26.7	882.3	56.5	18.5	13.5	7.9	7.9	NoChan*
11:08:00	28	35.5	-80	10.2	-105.0	31.4	109.6	1275	284.9*	3.8	-26.8	884.5	56.5	18.5	13.4	8.4	8.4	NoChan*
11:08:00	28	35.6	-80	10.4	-105.1	32.0	109.9	1277	NoChan*	26.0	-3.9	58.5	62.8	-0.2	-5.0	50.0	50.0	69.3
11:08:00	0	0.0	0	0.0	296.9	319.2	1132	0	NoChan*	-14.8	-4.9	56.9	59.0	0.0	185.2	117.0	8.6	101.6
11:08:30	28	34.6	-80	12.1	-56.1	-85.2	102.0	1273	208.3*	4.3	-27.0	882.6	54.2	18.3	13.5	7.9	7.9	NoChan*
11:08:30	28	35.0	-80	11.9	-55.4	-84.9	101.4	1272	208.1*	4.3	-27.1	884.7	54.2	18.3	13.4	8.4	8.4	NoChan*
11:08:30	28	35.1	-80	12.2	-56.1	-84.5	101.4	1274	NoChan*	27.3	-2.6	55.9	60.5	-0.9	-5.4	50.0	50.0	69.8
11:08:30	0	0.0	0	0.0	296.8	319.2	1130	0	NoChan*	-17.0	-5.9	54.5	56.7	0.0	181.5	105.2	8.8	99.6
11:09:00	28	33.0	-80	12.3	0.7	-97.7	97.7	1274	176.4	3.3	-0.1*	881.6	55.2	18.0	13.1	8.6	8.6	NoChan*
11:09:00	28	33.5	-80	12.1	1.3	-97.4	97.4	1274	176.3	3.2	-0.1*	884.3	55.2	17.7	12.7	9.1	9.1	NoChan*
11:09:00	28	33.6	-80	12.4	1.3	-97.4	97.4	1279	NoChan*	20.2	-3.5	57.0	61.1	-0.2	-4.9	50.0	50.0	74.8
11:09:00	0	0.0	0	0.0	296.5	319.7	1133	0	NoChan*	-14.3	-4.2	55.6	58.5	0.0	183.0	106.4	8.2	100.4

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
11:09:30	28	31.4	-80	12.3	-0.9	-99.2	99.2	1276	177.3	3.0	0.6*	881.3	56.8	17.8	12.8	10.1	10.1	NoChan*
11:09:30	28	31.9	-80	12.1	-0.3	-98.9	98.9	1277	177.3	2.9	0.6*	884.1	56.8	17.5	12.4	10.7	10.7	NoChan*
11:09:30	28	32.0	-80	12.4	-0.3	-98.9	98.9	1282	NoChan*	20.2	-3.0	58.7	62.7	-0.5	-5.3	50.0	50.0	85.2
11:09:30	0	0.0	0	0.0	296.2	322.0	1136	0	NoChan*	-14.4	-4.1	57.2	60.0	0.0	185.6	106.0	8.4	101.8
11:10:00	28	29.8	-80	12.3	0.4	-100.9	100.9	1276	176.3	2.7	1.6	881.1	58.6	18.1	13.0	9.7	9.7	NoChan*
11:10:00	28	30.2	-80	12.1	1.0	-100.6	100.6	1277	176.3	2.6	1.6	884.1	58.7	17.8	12.6	10.0	10.0	NoChan*
11:10:00	28	30.3	-80	12.4	1.0	-100.6	100.6	1281	NoChan*	18.9	-3.5	60.6	64.7	-1.5	-6.4	50.0	50.0	81.4
11:10:00	0	0.0	0	0.0	296.3	321.4	1136	0	NoChan*	-12.5	-3.5	59.1	62.0	0.0	188.6	104.9	8.6	103.4
11:10:30	28	28.1	-80	12.3	-0.8	-102.2	102.2	1277	177.3	2.6	-0.4	881.2	59.0	18.3	13.0	9.0	9.0	NoChan*
11:10:30	28	28.6	-80	12.1	-0.2	-102.0	102.0	1277	176.9	2.5	-0.5	884.1	59.0	17.9	12.6	9.5	9.5	NoChan*
11:10:30	28	28.7	-80	12.4	-0.3	-102.0	102.0	1278	NoChan*	16.7	-4.2	60.9	65.1	-0.0	-5.0	50.0	50.0	77.2
11:10:30	0	0.0	0	0.0	296.4	320.4	1135	0	NoChan*	-13.0	-3.7	59.4	62.2	0.0	189.2	99.8	7.8	103.8
11:11:00	28	26.5	-80	12.4	-0.2	-102.9	102.9	1276	175.8	2.6	-0.1	881.2	59.5	18.5	13.2	8.5	8.5	NoChan*
11:11:00	28	26.9	-80	12.2	0.4	-102.7	102.7	1278	175.7	2.5	-0.1	884.1	59.6	18.2	12.8	9.0	9.0	NoChan*
11:11:00	28	27.0	-80	12.4	0.4	-102.6	102.6	1280	NoChan*	18.7	-4.1	61.4	65.6	-0.6	-5.6	50.0	50.0	73.9
11:11:00	0	0.0	0	0.0	296.6	319.9	1135	0	NoChan*	-14.1	-4.2	60.0	62.9	0.0	190.0	95.1	10.0	104.3
11:11:30	28	24.8	-80	12.4	-0.9	-104.1	104.1	1277	176.6	2.5	-0.8	881.1	62.1	18.7	13.2	9.1	9.1	NoChan*
11:11:30	28	25.3	-80	12.2	-0.4	-103.9	103.9	1278	176.7	2.4	-0.9	884.1	62.1	18.4	12.8	9.5	9.5	NoChan*
11:11:30	28	25.4	-80	12.4	-0.4	-103.9	103.9	1280	NoChan*	17.2	-4.5	63.9	68.3	-0.8	-6.0	50.0	50.0	77.2
11:11:30	0	0.0	0	0.0	296.6	320.8	1135	0	NoChan*	-14.9	-4.4	62.5	65.5	0.0	194.0	101.7	9.7	106.4
11:12:00	28	23.1	-80	12.4	0.1	-102.7	102.7	1298	176.3	2.5	-0.8	879.0	59.9	18.3	13.0	9.5	9.5	NoChan*
11:12:00	28	23.6	-80	12.1	0.6	-102.5	102.5	1299	176.3	2.4	-0.9	881.9	59.9	18.0	12.6	10.6	10.6	NoChan*
11:12:00	28	23.7	-80	12.4	0.6	-102.5	102.5	1300	NoChan*	18.3	-5.1	61.7	66.0	-0.2	-5.3	50.0	50.0	80.0
11:12:00	0	0.0	0	0.0	296.6	321.4	1155	0	NoChan*	-15.1	-4.6	60.3	63.2	0.0	190.5	99.6	9.2	104.7
11:12:30	28	21.4	-80	12.4	-1.0	-102.7	102.7	1306	177.6	3.0	-1.7	878.2	58.6	18.3	13.1	8.5	8.5	NoChan*
11:12:30	28	21.9	-80	12.2	-0.5	-102.5	102.5	1307	177.2	3.0	-1.8	881.0	58.7	18.0	12.7	8.9	8.9	NoChan*
11:12:30	28	22.0	-80	12.4	-0.5	-102.5	102.5	1307	NoChan*	17.6	-6.6	60.3	64.7	-0.9	-5.8	50.0	50.0	74.7
11:12:30	0	0.0	0	0.0	296.7	320.0	1164	0	NoChan*	-15.9	-5.0	59.0	61.6	0.0	188.6	95.2	7.9	103.6
11:13:00	28	19.8	-80	12.4	-0.4	-102.6	102.6	1306	176.8	2.9	-0.6	878.2	59.0	18.1	12.9	8.1	8.1	NoChan*
11:13:00	28	20.3	-80	12.1	0.1	-102.4	102.4	1306	176.7	2.9	-0.7	881.1	59.1	17.9	12.5	8.6	8.6	NoChan*
11:13:00	28	20.4	-80	12.4	0.1	-102.4	102.4	1306	NoChan*	17.3	-6.2	60.9	65.0	0.4	-4.6	50.0	50.0	73.6
11:13:00	0	0.0	0	0.0	296.6	319.3	1163	0	NoChan*	-12.3	-3.5	59.5	62.4	0.0	189.2	97.7	8.1	103.9
11:13:30	28	18.1	-80	12.4	-2.6	-102.9	103.0	1307	177.5	2.8	-0.5	878.0	59.5	18.1	12.9	8.3	8.3	NoChan*
11:13:30	28	18.6	-80	12.2	-2.2	-102.8	102.8	1308	177.6	2.6	-0.5	880.9	59.6	17.8	12.5	8.8	8.8	NoChan*
11:13:30	28	18.7	-80	12.4	-2.1	-102.8	102.8	1306	NoChan*	18.7	-5.7	61.5	65.7	-1.0	-6.0	50.0	50.0	74.6
11:13:30	0	0.0	0	0.0	296.6	319.5	1165	0	NoChan*	-12.5	-3.5	60.0	63.0	0.0	190.0	98.0	9.0	104.4
11:14:00	28	16.4	-80	12.4	2.1	-103.2	103.2	1305	175.1	2.9	-1.6*	878.2	59.8	18.1	12.8	8.5	8.5	NoChan*
11:14:00	28	16.9	-80	12.2	2.5	-103.0	103.1	1307	175.2	2.8	-1.7*	881.0	59.8	17.8	12.4	9.0	9.0	NoChan*
11:14:00	28	17.0	-80	12.4	2.6	-103.0	103.0	1306	NoChan*	18.1	-5.6	61.6	65.8	-0.9	-5.9	50.0	50.0	75.9
11:14:00	0	0.0	0	0.0	296.5	319.8	1164	0	NoChan*	-14.5	-4.4	60.2	63.0	0.0	190.3	94.9	9.0	104.5

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
11:14:30	28	14.8	-80	12.4	-2.5	-104.1	104.1	1307	178.2	2.3	-2.5*	878.0	62.6	18.3	12.8	8.0	8.0	NoChan*
11:14:30	28	15.3	-80	12.2	-2.1

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
11:19:30	28 10.3	-80 12.6	0.3	108.1	108.1	1306	6.8	2.7	2.1	878.0	59.1	17.8	12.6	8.6	8.6	NoChan*
11:19:30	28 10.8	-80 12.3	0.5	108.0	108.0	1308	6.5	2.6	2.1	880.9	59.1	17.5	12.2	9.1	9.1	NoChan*
11:19:30	28 10.9	-80 12.5	0.6	108.1	108.1	1306	NoChan*	18.3	-4.2	60.8	65.1	-1.0	-6.0	50.0	50.0	77.3
11:19:30	0 0.0	0 0.0	296.3	319.6	1165	0	NoChan*	-14.8	-4.5	59.5	62.4	0.0	189.2	115.9	10.6	103.9
11:20:00	28 12.0	-80 12.6	-2.6	109.1	109.2	1308	4.5	2.6	-0.5*	878.0	60.4	18.0	12.7	8.3	8.3	NoChan*
11:20:00	28 12.5	-80 12.2	-2.4	109.0	109.0	1308	4.5	2.5	-0.5*	880.9	60.5	17.8	12.3	8.8	8.8	NoChan*
11:20:00	28 12.6	-80 12.4	-2.3	109.2	109.2	1309	NoChan*	17.4	-4.5	62.3	66.5	-1.2	-6.3	50.0	50.0	75.5
11:20:00	0 0.0	0 0.0	296.4	319.3	1165	0	NoChan*	-13.3	-4.0	60.9	63.8	0.0	191.4	115.4	9.8	105.1
11:20:30	28 13.8	-80 12.6	-5.6	109.6	109.7	1307	2.9	2.8	-1.3*	878.1	60.6	18.2	12.8	8.0	8.0	NoChan*
11:20:30	28 14.3	-80 12.3	-5.4	109.5	109.6	1308	3.0	2.7	-1.3*	881.0	60.6	17.9	12.4	8.5	8.5	NoChan*
11:20:30	28 14.4	-80 12.5	-5.3	109.6	109.7	1309	NoChan*	17.2	-4.8	62.4	66.6	-1.2	-6.3	50.0	50.0	73.5
11:20:30	0 0.0	0 0.0	296.5	319.0	1164	0	NoChan*	-14.1	-4.2	61.0	63.9	0.0	191.6	116.9	9.8	105.2
11:21:00	28 15.6	-80 12.6	0.6	109.5	109.5	1307	6.1	2.5	-0.2	878.0	60.9	18.2	12.8	8.1	8.1	NoChan*
11:21:00	28 16.1	-80 12.3	0.8	109.3	109.3	1308	6.2	2.4	-0.3	881.0	60.9	17.9	12.4	8.6	8.6	NoChan*
11:21:00	28 16.2	-80 12.5	0.9	109.5	109.5	1308	NoChan*	17.2	-5.1	62.7	67.0	-0.1	-5.2	50.0	50.0	73.8
11:21:00	0 0.0	0 0.0	296.5	319.1	1165	0	NoChan*	-15.1	-4.5	61.3	64.2	0.0	192.1	117.6	9.4	105.5
11:21:30	28 17.4	-80 12.6	0.6	110.0	110.0	1308	6.4	2.2	-1.7	877.9	62.9	18.3	12.7	9.0	9.0	NoChan*
11:21:30	28 17.9	-80 12.3	0.7	109.8	109.8	1310	6.0	2.2	-1.8	880.9	62.9	18.0	12.3	9.5	9.5	NoChan*
11:21:30	28 18.0	-80 12.5	1.0	110.0	110.0	1309	NoChan*	15.7	-5.1	64.6	69.1	-1.4	-6.6	50.0	50.0	79.2
11:21:30	0 0.0	0 0.0	296.4	320.5	1165	0	NoChan*	-15.3	-4.4	63.3	66.2	0.0	195.1	109.7	9.7	107.2
11:22:00	28 19.1	-80 12.6	1.1	110.3	110.3	1307	6.1	2.4	-0.4	878.0	63.0	18.5	12.9	8.0	8.0	NoChan*
11:22:00	28 19.6	-80 12.3	1.3	110.0	110.0	1308	6.1	2.3	-0.4	881.1	63.1	18.3	12.6	8.5	8.5	NoChan*
11:22:00	28 19.8	-80 12.5	1.4	110.2	110.2	1307	NoChan*	15.0	-5.8	64.8	69.3	-0.7	-6.0	50.0	50.0	72.6
11:22:00	0 0.0	0 0.0	296.6	319.1	1163	0	NoChan*	-14.4	-4.0	63.5	66.6	0.0	195.3	112.3	8.9	107.3
11:22:30	28 20.9	-80 12.7	-2.8	110.7	110.7	1308	4.4	2.4	0.7	878.0	62.7	18.5	13.0	8.0	8.0	NoChan*
11:22:30	28 21.4	-80 12.3	-2.7	110.4	110.5	1308	4.5	2.3	0.6	881.1	62.7	18.3	12.6	8.5	8.5	NoChan*
11:22:30	28 21.5	-80 12.5	-2.6	110.6	110.7	1308	NoChan*	15.3	-6.3	64.5	68.9	-0.5	-5.8	50.0	50.0	72.5
11:22:30	0 0.0	0 0.0	296.7	319.2	1163	0	NoChan*	-14.0	-3.8	63.1	66.1	0.0	194.8	113.4	9.8	107.0
11:23:00	28 22.7	-80 12.7	0.0	110.6	110.6	1307	5.7	2.6	0.6*	878.2	62.0	18.5	13.0	8.6	8.6	NoChan*
11:23:00	28 23.2	-80 12.3	0.2	110.4	110.4	1307	5.7	2.4	0.5*	881.2	62.0	18.2	12.6	9.1	9.1	NoChan*
11:23:00	28 23.3	-80 12.5	0.3	110.5	110.5	1306	NoChan*	16.6	-6.1	63.9	68.2	-0.4	-5.7	50.0	50.0	75.7
11:23:00	0 0.0	0 0.0	296.6	320.1	1162	0	NoChan*	-12.7	-3.6	62.5	65.5	0.0	193.8	117.7	9.7	106.5
11:23:30	28 24.5	-80 12.7	-0.4	110.7	110.7	1307	6.0	2.4	-0.4	878.0	63.1	18.6	13.0	8.8	8.8	NoChan*
11:23:30	28 25.0	-80 12.3	-0.3	110.4	110.4	1307	5.6	2.3	-0.5	881.1	63.2	18.3	12.6	9.3	9.3	NoChan*
11:23:30	28 25.1	-80 12.5	-0.1	110.6	110.6	1306	NoChan*	16.0	-5.9	64.9	69.4	-0.8	-6.1	50.0	50.0	76.6
11:23:30	0 0.0	0 0.0	296.7	320.4	1163	0	NoChan*	-13.7	-3.7	63.6	66.6	0.0	195.5	110.7	10.3	107.4
11:24:00	28 26.3	-80 12.7	1.4	110.4	110.5	1308	5.5	2.2	-0.8	877.9	63.9	18.8	13.1	8.6	8.6	NoChan*
11:24:00	28 26.8	-80 12.3	1.5	110.1	110.1	1309	5.5	2.1	-0.9	881.0	63.9	18.5	12.7	9.0	9.0	NoChan*
11:24:00	28 26.9	-80 12.5	1.6	110.3	110.3	1308	NoChan*	14.6	-6.2	65.6	70.1	-0.1	-5.5	50.0	50.0	74.7
11:24:00	0 0.0	0 0.0	296.8	320.2	1164	0	NoChan*	-14.7	-3.8	64.3	67.2	0.0	196.6	111.6	7.4	108.0

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
11:24:30	28 28.1	-80 12.7	-3.4	110.5	110.5	1305	3.4	2.5	-0.2*	878.2	64.1	19.0	13.3	8.2	8.2	NoChan*
11:24:30	28 28.6	-80 12.3	-3.3	110.1	110.2	1306	3.6	2.3	-0.3*	881.3	64.1	18.7	12.9	8.6	8.6	NoChan*
11:24:30	28 28.7	-80 12.5	-3.1	110.3	110.4	1307	NoChan*	14.6	-6.4	65.9	70.4	0.4	-5.0	50.0	50.0	71.9
11:24:30	0 0.0	0 0.0	297.0	319.8	1162	0	NoChan*	-15.4	-4.1	64.5	67.7	0.0	197.0	106.9	7.9	108.3
11:25:00	28 29.9	-80 12.7	-0.2	110.3	110.3	1304	5.4	2.5	-0.4	878.3	62.4	18.9	13.4	8.0	8.0	NoChan*
11:25:00	28 30.4	-80 12.4	-0.2	109.9	109.9	1304	5.5	2.4	-0.5	881.3	62.4	18.6	13.0	8.4	8.4	NoChan*
11:25:00	28 30.5	-80 12.5	0.0	110.1	110.1	1303	NoChan*	16.0	-6.9	64.3	68.6	-1.3	-6.6	50.0	50.0	70.9
11:25:00	0 0.0	0 0.0	297.0	319.6	1161	0	NoChan*	-13.0	-3.6	62.8	65.8	0.0	194.4	113.9	9.2	106.8
11:25:30	28 31.7	-80 12.7	1.2	109.7	109.7	1303	7.1	2.4	-0.2	878.2	62.4	19.1	13.6	8.1	8.1	NoChan*
11:25:30	28 32.2	-80 12.4	1.2	109.4	109.4	1304	6.7	2.4	-0.2	881.3	62.4	18.8	13.2	8.6	8.6	NoChan*
11:25:30	28 32.3	-80 12.5	1.4	109.6	109.6	1306	NoChan*	15.6	-7.1	64.3	68.6	-1.2	-6.5	50.0	50.0	70.4
11:25:30	0 0.0	0 0.0	297.2	320.0	1162	0	NoChan*	-13.3	-3.6	62.8	65.7	0.0	194.4	108.9	10.7	106.9
11:26:00	28 33.2	-80 12.1	92.6	35.7	99.2	1172	75.5*	-4.8	36.2*	891.6	61.8	19.8	14.4	8.7	8.7	NoChan*
11:26:00	28 33.7	-80 11.7	92.6	35.2	99.1	1169	75.4*	-5.0	36.2*	895.4	61.8	19.6	14.0	9.2	9.2	NoChan*
11:26:00	28 33.8	-80 11.9	92.7	36.2	99.6	1171	NoChan*	27.3	1.6	63.7	67.9	-0.2	-5.4	50.0	50.0	69.6
11:26:00	0 0.0	0 0.0	296.7	320.0	1031	0	NoChan*	-10.3	-2.3	62.3	66.1	0.0	193.4	121.5	8.9	105.7
11:26:30	28 32.4	-80 10.8	13.1	-108.5	109.3	821	172.6*	-2.7	22.1*	928.9	77.8	22.4	15.9	13.3	13.3	NoChan*
11:26:30	28 32.8	-80 10.4	13.0	-109.0	109.7	825	172.3*	-2.8	22.0*	933.0	77.8	22.2	15.5	13.6	13.6	NoChan*
11:26:30	28 33.0	-80 10.6	13.9	-108.9	109.7	824	NoChan*	14.8	-7.3	79.0	84.8	-0.9	-7.1	50.0	50.0	85.6
11:26:30	0 0.0	0 0.0	294.8	324.6	690	0	NoChan*	-21.0	-5.4	78.2	82.4	0.0	216.5	134.4	8.4	116.3
11:27:00	28 30.6	-80 10.8	-1.2	-102.0	102.0	713	177.9	2.7	1.1	941.2	67.2	22.4	16.8	13.8	13.8	NoChan*
11:27:00	28 31.1	-80 10.5	-1.4	-102.4	102.4	720	177.9	2.7	1.0	944.5	67.2	22.2	16.5	14.3	14.3	NoChan*
11:27:00	28 31.2	-80 10.6	-0.9	-102.4	102.4	718	NoChan*	14.4	-9.9	69.5	73.8	-0.2	-5.5	50.0	50.0	83.7
11:27:00	0 0.0	0 0.0	294.7	325.3	588	0	NoChan*	-8.2	-1.5	67.7	71.1	0.0	201.6	132.7	8.4	107.8
11:27:30	28 29.0	-80 10.9	-2.7	-95.1	95.2	629	179.1	2.4	0.6*	950.6	59.2	22.4	17.5	14.0	14.0	NoChan*
11:27:30	28 29.4	-80 10.5	-2.9	-95.6	95.6	638	179.2	2.3	0.5*	953.5	59.2	22.1	17.1	14.5	14.5	NoChan*
11:27:30	28 29.6	-80 10.7	-2.4	-95.5	95.6	637	NoChan*	22.1	-3.0	61.3	65.3	-0.7	-5.3	50.0	50.0	81.1
11:27:30	0 0.0	0 0.0	294.6	325.1	509	0	NoChan*	-9.2	-2.1	59.7	62.5	0.0	189.4	136.1	8.0	101.0
11:28:00	28 27.5	-80 10.9	1.3	-93.9	94.0	607	176.4	2.8	-2.1	953.1	57.6	22.4	17.6	14.4	14.4	NoChan*
11:28:00	28 27.9	-80 10.5	1.1	-94.4	94.4	616	176.5	2.7	-2.2	955.9	57.6	22.2	17.3	14.9	14.9	NoChan*
11:28:00	28 28.1	-80 10.7	1.5	-94.3	94.3	614	NoChan*	18.5	-2.7	60.1	63.8	-0.4	-4.9	50.0	50.0	82.5
11:28:00	0 0.0	0 0.0	294.5	325.8	489	0	NoChan*	-6.0	-1.3	58.1	60.8	0.0	186.9	134.9	7.6	99.6
11:28:30	28 26.0	-80 10.8	0.6	-95.1	95.1	606	177.6	2.7	-0.4	953.3	59.2	22.6	17.6	14.3	14.3	NoChan*
11:28:30	28 26.4	-80 10.5	0.3	-95.5	95.5	615	177.3	2.6	-0.5	956.1	59.2	22.3	17.3	14.9	14.9	NoChan*
11:28:30	28 26.5	-80 10.6	0.7	-95.4	95.4	617	NoChan*	17.8	-3.1	61.4	65.5	-0.6	-5.2	50.0	50.0	82.0
11:28:30	0 0.0	0 0.0	294.5	325.7	487	0	NoChan*	-10.3	-2.8	59.7	62.5	0.0	189.4	138.8	7.5	100.9
11:29:00	28 24.5	-80 10.6	52.0	-78.2	93.9	606	145.9*	2.3	3.3*	953.0	59.6	22.6	17.6	14.4	14.4	NoChan*
11:29:00	28 24.9	-80 10.2	51.7	-78.6	94.1	615	145.8*	2.2	3.2*	956.0	59.6	22.3	17.3	14.9	14.9	NoChan*
11:29:00	28 25.0	-80 10.4	52.7	-78.1	94.2	616	NoChan*	16.1	-3.6	62.3	65.8	-0.6	-5.2	50.0	50.0	82.4
11:29:00	0 0.0	0 0.0	294.5	325.7	487	0	NoChan*	-2.5	-0.0	60.1	63.3	0.0	190.0	138.7	7.4	101.2

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
11:29:30	28 23.2	-80 9.6	55.3	-78.8	96.3	608	145.4	2.4	-2.1*	953.0	62.3	22.7	17.5	14.3	14.3	NoChan*
11:29:30	28 23.6	-80 9.3	55.0	-79.3	96.5	617	145.4	2.2	-2.2*	955.9	62.3	22.5	17.2	14.8	14.8	NoChan*
11:29:30	28 23.7	-80 9.4	55.4	-79.2	96.6	617	NoChan*	15.6	-3.9	64.3	68.7	-0.6	-5.4	50.0	50.0	82.4
11:29:30	0 0.0	0 0.0	294.5	325.6	489	0	NoChan*	-12.4	-3.3	62.8	65.6	0.0	194.3	138.1	7.2	103.5
11:30:00	28 21.7	-80 9.6	-63.8	-80.9	103.0	606	216.4*	2.4	26.3	952.5	62.0	22.9	17.7	13.8	13.8	NoChan*
11:30:00	28 22.1	-80 9.3	-64.1	-81.3	103.6	614	216.2*	2.3	26.2	956.3	62.0	22.6	17.4	14.4	14.4	NoChan*
11:30:00	28 22.3	-80 9.4	-63.2	-81.7	103.3	615	NoChan*	21.6	-2.9	64.6	68.7	0.3	-4.6	50.0	50.0	78.8
11:30:00	0 0.0	0 0.0	294.6	324.8	486	0	NoChan*	-8.7	-1.7	62.5	66.2	0.0	193.8	128.5	6.5	103.2
11:30:30	28 21.2	-80 11.4	-110.0	14.9	111.0	605	276.5*	2.1	12.2	952.9	63.4	22.8	17.6	14.1	14.1	NoChan*
11:30:30	28 21.6	-80 11.1	-110.4	14.5	111.4	614	276.5*	2.0	12.2	956.3	63.4	22.6	17.3	14.5	14.5	NoChan*
11:30:30	28 21.7	-80 11.2	-110.1	14.3	111.1	612	NoChan*	16.3	-4.5	65.6	69.9	-0.6	-5.5	50.0	50.0	81.1
11:30:30	0 0.0	0 0.0	294.5	325.1	485	0	NoChan*	-11.7	-2.8	63.9	67.3	0.0	195.9	132.2	8.3	104.3
11:31:00	28 21.9	-80 13.3	-77.6	82.6	113.3	609	318.8*	2.1	24.9*	952.2	64.1	22.9	17.6	13.6	13.6	NoChan*
11:31:00	28 22.2	-80 13.0	-78.0	82.2	113.3	618	318.9*	2.0	24.9*	956.0	64.1	22.7	17.3	14.0	14.0	NoChan*
11:31:00	28 22.4	-80 13.1	-78.0	82.0	113.2	617	NoChan*	18.8	-5.4	66.4	70.7	-0.6	-5.6	50.0	50.0	78.2
11:31:00	0 0.0	0 0.0	294.5	324.2	488	0	NoChan*	-11.0	-2.6	64.6	68.3	0.0	196.9	134.0	8.5	104.9
11:31:30	28 23.6	-80 13.7	43.4	99.6	108.6	607	29.8*	2.3	24.3	952.5	63.2	22.7	17.5	14.4	14.4	NoChan*
11:31:30	28 23.9	-80 13.4	43.1	99.2	108.1	616	29.4*	2.2	24.2	956.2	63.2	22.5	17.2	14.9	14.9	NoChan*
11:31:30	28 24.1	-80 13.5	43.1	99.6	108.5	615	NoChan*	19.5	-5.5	65.6	69.8	-0.8	-5.7	50.0	50.0	82.9
11:31:30	0 0.0	0 0.0	294.4	325.6	486	0	NoChan*	-9.8	-2.2	63.7	67.4	0.0	195.6	144.0	9.5	104.1
11:32:00	28 24.4	-80 12.2	100.3	1.2	100.3	607	94.1	2.0	2.4	953.1	63.7	22.9	17.6	14.1	14.1	NoChan*
11:32:00	28 24.8	-80 11.9	99.9	0.7	99.9	615	94.2	1.9	2.3	956.2	63.7	22.7	17.3	14.7	14.7	NoChan*
11:32:00	28 24.9	-80 11.9	100.4	0.5	100.4	618	NoChan*	13.8	-6.7	65.5	70.1	0.0	-4.9	50.0	50.0	81.1
11:32:00	0 0.0	0 0.0	294.5	325.2	486	0	NoChan*	-15.2	-4.1	64.1	67.2	0.0	196.3	146.5	7.4	104.6
11:32:30	28 24.4	-80 10.3	100.9	-5.5	101.1	605	96.9	2.3	2.1	953.3	65.1	23.0	17.6	14.4	14.4	NoChan*
11:32:30	28 24.7	-80 10.0	100.5	-5.9	100.7	614	97.0	2.2	2.0	956.5	65.1	22.8	17.3	14.9	14.9	NoChan*
11:32:30	28 24.9	-80 10.1	101.0	-5.7	101.1	613	NoChan*	13.8	-6.5	67.3	71.6	-0.1	-5.2	50.0	50.0	82.7
11:32:30	0 0.0	0 0.0	294.5	325.8	484	0	NoChan*	-11.6	-2.7	65.5	68.7	0.0	198.4	143.6	7.0	105.6
11:33:00	28 24.2	-80 8.4	101.4	-10.1	101.9	608	99.4	2.0	-0.4	953.0	66.3	23.2	17.7	14.3	14.3	NoChan*
11:33:00	28 24.6	-80 8.2	100.9	-10.5	101.5	617	99.2	1.9	-0.5	956.1	66.4	23.0	17.4	14.8	14.8	NoChan*
11:33:00	28 24.7	-80 8.2	101.4	-10.4	102.0	614	NoChan*	11.8	-7.1	68.6	72.9	-1.3	-6.4	50.0	50.0	81.6
11:33:00	0 0.0	0 0.0	294.6	325.6	487	0	NoChan*	-11.4	-2.6	66.8	70.0	0.0	200.3	145.8	7.3	106.7
11:33:30	28 24.1	-80 6.6	102.6	-11.0	103.2	609	99.6	1.9	-0.6	953.0	67.9	23.3	17.6	14.1	14.1	NoChan*
11:33:30	28 24.4	-80 6.3	102.1	-11.4	102.7	617	99.6	1.8	-0.7	956.2	68.0	23.1	17.4	14.5	14.5	NoChan*
11:33:30	28 24.6	-80 6.4	102.6	-11.3	103.2	614	NoChan*	11.9	-7.6	70.1	74.6	-0.6	-5.8	50.0	50.0	80.7
11:33:30	0 0.0	0 0.0	294.5	325.2	486	0	NoChan*	-12.9	-3.0	68.4	71.6	0.0	202.6	142.5	6.7	107.9
11:34:00	28 23.2	-80 5.2	22.9	-98.8	101.4	607	167.0*	1.9	26.5*	952.4	67.6	23.3	17.7	14.2	14.2	NoChan*
11:34:00	28 23.5	-80 4.9	22.4	-99.3	101.8	615	167.0*	1.7	26.4*	956.4	67.6	23.1	17.4	14.7	14.7	NoChan*
11:34:00	28 23.7	-80 5.0	23.4	-99.3	102.0	611	NoChan*	18.1	-6.4	70.0	74.5	1.0	-4.3	50.0	50.0	81.0
11:34:00	0 0.0	0 0.0	294.6	325.4	484	0	NoChan*	-11.7	-2.5	68.1	72.0	0.0	202.2	138.8	7.0	107.7

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
11:34:30	28 21.6	-80 5.7	-70.7	-80.7	107.3	605	218.6*	1.9	14.2	952.8	67.3	23.3	17.7	13.7	13.7	NoChan*
11:34:30	28 21.9	-80 5.5	-71.3	-81.2	108.1	614	218.3*	1.8	14.1	956.4	67.4	23.1	17.4	14.1	14.1	NoChan*
11:34:30	28 22.1	-80 5.5	-70.7	-81.4	107.8	613	NoChan*	13.9	-7.7	69.7	74.0	-0.8	-6.1	50.0	50.0	78.3
11:34:30	0 0.0	0 0.0	294.6	324.6	484	0	NoChan*	-9.6	-1.8	67.8	71.5	0.0	201.7	130.2	6.9	107.4
11:35:00	28 20.8	-80 7.5	-110.7	-21.6	112.7	606	256.6*	1.9	11.2*	952.9	68.0	23.2	17.6	14.2	14.2	NoChan*
11:35:00	28 21.1	-80 7.2	-111.3	-22.0	113.5	615	256.7*	1.7	11.2*	956.5	68.1	23.1	17.3	14.6	14.6	NoChan*
11:35:00	28 21.3	-80 7.2	-110.9	-22.3	113.1	616	NoChan*	12.0	-8.2

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
11:39:30	28 32.8	-80 13.3	-5.0	105.0	105.1	603	1.5	3.1	-0.6	953.7	54.2	22.3	17.7	14.3	14.3	NoChan*
11:39:30	28 33.0	-80 13.1	-5.8	104.6	104.8	612	1.2	3.0	-0.7	956.3	54.3	22.1	17.5	14.7	14.7	NoChan*
11:39:30	28 33.2	-80 13.1	-5.5	104.7	104.8	617	NoChan*	19.5	-1.6	56.2	60.1	-0.2	-4.4	50.0	50.0	81.3
11:39:30	0 0.0	0 0.0	294.6	325.7	486	0	NoChan*	-12.5	-3.6	54.7	57.4	0.0	181.4	145.9	10.1	96.7
11:40:00	28 34.5	-80 13.5	-24.6	104.3	107.2	605	348.6	2.9	-1.6*	953.5	56.0	22.4	17.7	14.2	14.2	NoChan*
11:40:00	28 34.7	-80 13.4	-25.4	104.0	107.0	614	348.5	2.9	-1.7*	956.1	56.0	22.2	17.4	14.7	14.7	NoChan*
11:40:00	28 34.9	-80 13.4	-25.0	104.0	107.0	617	NoChan*	19.3	-1.3	58.7	62.1	-0.2	-4.6	50.0	50.0	80.7
11:40:00	0 0.0	0 0.0	294.6	325.4	487	0	NoChan*	-3.1	-0.4	56.5	59.1	0.0	184.3	146.3	9.7	98.2
11:40:30	28 36.2	-80 14.1	-30.7	102.7	107.2	605	344.6	3.0	-1.3	953.6	55.7	22.3	17.7	14.4	14.4	NoChan*
11:40:30	28 36.4	-80 14.0	-31.5	102.4	107.1	614	344.7	2.9	-1.4	956.2	55.7	22.1	17.4	15.0	15.0	NoChan*
11:40:30	28 36.6	-80 13.9	-31.1	102.5	107.1	618	NoChan*	19.9	-1.9	58.4	61.8	-0.5	-4.9	50.0	50.0	82.4
11:40:30	0 0.0	0 0.0	294.6	325.9	486	0	NoChan*	-3.8	-0.6	56.2	58.9	0.0	183.8	150.5	9.6	97.9
11:41:00	28 37.8	-80 14.7	-37.5	92.5	99.8	598	339.2	4.3	-2.8	954.6	47.0	21.8	17.9	14.4	14.4	NoChan*
11:41:00	28 38.0	-80 14.6	-38.3	92.1	99.8	607	339.3	4.2	-2.9	957.0	47.0	22.1	18.1	14.9	14.9	NoChan*
11:41:00	28 38.2	-80 14.6	-37.9	92.3	99.7	613	NoChan*	26.4	-1.5	49.5	52.6	-0.6	-4.3	50.0	50.0	80.9
11:41:00	0 0.0	0 0.0	294.7	325.8	479	0	NoChan*	-5.8	-1.5	47.4	50.0	0.0	169.1	148.9	9.8	90.1
11:41:30	28 39.2	-80 15.4	-38.4	90.7	98.5	607	340.6	4.3	0.1*	953.6	45.5	21.6	17.8	14.3	14.3	NoChan*
11:41:30	28 39.5	-80 15.4	-39.3	90.3	98.5	616	340.3	4.2	-0.0*	956.0	45.6	21.8	17.9	14.8	14.8	NoChan*
11:41:30	28 39.6	-80 15.3	-39.0	90.4	98.4	622	NoChan*	25.4	0.6	46.9	51.3	0.2	-3.4	50.0	50.0	81.1
11:41:30	0 0.0	0 0.0	294.7	325.7	488	0	NoChan*	-19.2	-6.5	45.7	48.5	0.0	166.5	146.5	9.9	88.7
11:42:00	28 40.8	-80 16.1	-26.9	98.3	101.9	608	349.6	3.5	0.9	953.4	49.6	21.9	17.8	14.2	14.2	NoChan*
11:42:00	28 41.0	-80 16.0	-27.8	98.0	101.8	618	349.5	3.5	0.8	956.0	49.6	21.7	17.5	14.7	14.7	NoChan*
11:42:00	28 41.1	-80 15.9	-27.5	98.1	101.8	623	NoChan*	23.3	1.4	50.3	55.9	-0.4	-4.3	50.0	50.0	80.7
11:42:00	0 0.0	0 0.0	294.7	325.6	487	0	NoChan*	-27.6	-9.4	49.6	52.9	0.0	173.6	148.9	9.8	92.5
11:42:30	28 42.4	-80 16.3	-5.9	101.3	101.5	608	1.1	3.5	0.2	953.6	50.7	22.0	17.8	14.3	14.3	NoChan*
11:42:30	28 42.6	-80 16.3	-6.7	101.0	101.2	616	1.2	3.4	0.2	956.1	50.7	21.9	17.6	14.8	14.8	NoChan*
11:42:30	28 42.8	-80 16.2	-6.4	101.1	101.3	619	NoChan*	22.4	0.8	52.3	56.5	-0.7	-4.7	50.0	50.0	81.3
11:42:30	0 0.0	0 0.0	294.7	325.8	487	0	NoChan*	-16.8	-5.2	51.0	53.6	0.0	175.5	149.1	9.1	93.5
11:43:00	28 44.0	-80 16.4	-2.6	99.8	99.8	602	0.5	3.9	-1.3	954.0	49.3	21.9	17.8	14.6	14.6	NoChan*
11:43:00	28 44.2	-80 16.4	-3.5	99.5	99.6	611	0.5	3.8	-1.4	956.6	49.3	22.1	17.9	15.1	15.1	NoChan*
11:43:00	28 44.4	-80 16.3	-3.1	99.6	99.6	614	NoChan*	24.5	0.4	52.4	55.1	-0.0	-3.9	50.0	50.0	82.5
11:43:00	0 0.0	0 0.0	294.6	326.2	482	0	NoChan*	3.2	1.3	49.7	52.5	0.0	173.1	148.1	9.0	92.2
11:43:30	28 45.6	-80 16.7	-58.5	81.0	99.9	604	322.4*	5.2	-30.4	954.7	47.7	21.8	17.8	14.7	14.7	NoChan*
11:43:30	28 45.8	-80 16.7	-59.4	80.7	100.2	612	322.3*	5.1	-30.5	956.6	47.7	22.3	18.2	15.2	15.2	NoChan*
11:43:30	28 46.0	-80 16.6	-58.4	81.2	100.1	614	NoChan*	32.4	2.1	50.3	53.8	-0.4	-4.2	50.0	50.0	83.0
11:43:30	0 0.0	0 0.0	294.7	326.5	482	0	NoChan*	-9.5	-2.8	47.9	50.0	0.0	170.3	146.2	9.2	90.7
11:44:00	28 45.6	-80 18.3	-48.0	-82.9	95.8	609	204.1*	3.9	-33.7*	954.2	56.0	22.3	17.6	14.8	14.8	NoChan*
11:44:00	28 45.8	-80 18.3	-48.9	-83.2	96.5	617	204.2*	3.9	-33.8*	956.1	56.0	22.2	17.4	15.3	15.3	NoChan*
11:44:00	28 45.9	-80 18.2	-49.2	-82.8	96.3	620	NoChan*	26.3	2.0	58.4	62.6	-0.6	-5.0	50.0	50.0	84.6
11:44:00	0 0.0	0 0.0	294.6	326.7	487	0	NoChan*	-13.9	-4.7	56.3	58.4	0.0	184.3	133.0	8.9	98.2

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
11:44:30	28 44.0	-80 18.2	13.5	-100.4	101.3	606	171.1*	1.9	2.3*	953.0	67.6	23.2	17.6	14.7	14.7	NoChan*
11:44:30	28 44.2	-80 18.3	12.6	-100.8	101.5	615	170.7*	1.8	2.2*	956.3	67.6	23.1	17.3	15.1	15.1	NoChan*
11:44:30	28 44.4	-80 18.2	13.2	-100.7	101.6	619	NoChan*	11.4	-7.1	70.1	74.2	-1.2	-6.5	50.0	50.0	83.8
11:44:30	0 0.0	0 0.0	294.5	326.3	485	0	NoChan*	-6.7	-1.0	68.1	71.5	0.0	202.1	146.5	7.0	107.6
11:45:00	28 42.4	-80 17.9	26.6	-95.9	99.5	605	163.2	2.1	-1.2*	953.3	65.8	23.2	17.7	14.4	14.4	NoChan*
11:45:00	28 42.6	-80 18.0	25.7	-96.2	99.6	613	163.0	2.0	-1.3*	956.4	65.9	23.0	17.4	14.9	14.9	NoChan*
11:45:00	28 42.7	-80 17.9	26.0	-96.2	99.7	620	NoChan*	12.9	-8.2	68.5	72.4	-0.8	-6.0	50.0	50.0	81.8
11:45:00	0 0.0	0 0.0	294.6	325.8	484	0	NoChan*	-4.5	-0.4	66.4	69.6	0.0	199.6	144.2	7.2	106.3
11:45:30	28 40.8	-80 17.4	28.4	-94.1	98.3	604	162.2	2.1	-0.1	953.4	64.9	23.1	17.7	14.2	14.2	NoChan*
11:45:30	28 41.0	-80 17.5	27.5	-94.4	98.4	613	162.3	2.0	-0.2	956.5	64.9	23.0	17.5	14.6	14.6	NoChan*
11:45:30	28 41.2	-80 17.4	27.9	-94.4	98.4	619	NoChan*	13.4	-8.5	67.5	71.4	-0.7	-5.8	50.0	50.0	80.5
11:45:30	0 0.0	0 0.0	294.6	325.4	483	0	NoChan*	-5.6	-0.7	65.4	68.5	0.0	198.1	146.5	7.5	105.5
11:46:00	28 39.3	-80 16.9	26.9	-95.3	99.0	604	163.3	2.1	-0.1	953.3	65.8	23.1	17.6	14.4	14.4	NoChan*
11:46:00	28 39.5	-80 17.0	25.9	-95.6	99.0	613	163.4	2.0	-0.2	956.5	65.9	22.9	17.3	14.9	14.9	NoChan*
11:46:00	28 39.7	-80 16.9	26.3	-95.6	99.1	620	NoChan*	12.5	-8.2	68.5	72.4	-0.6	-5.7	50.0	50.0	82.4
11:46:00	0 0.0	0 0.0	294.5	325.7	484	0	NoChan*	-5.0	-0.5	66.4	69.4	0.0	199.6	148.8	7.5	106.3
11:46:30	28 37.7	-80 16.4	25.0	-96.1	99.3	605	164.5	2.1	1.2	953.2	66.2	23.1	17.7	14.1	14.1	NoChan*
11:46:30	28 37.9	-80 16.5	24.0	-96.4	99.4	613	164.2	2.0	1.2	956.4	66.2	23.0	17.4	14.6	14.6	NoChan*
11:46:30	28 38.1	-80 16.4	24.4	-96.4	99.4	620	NoChan*	12.6	-8.2	69.0	72.8	0.7	-4.4	50.0	50.0	80.4
11:46:30	0 0.0	0 0.0	294.5	325.1	484	0	NoChan*	-2.9	0.2	66.7	69.9	0.0	200.0	151.9	7.4	106.5
11:47:00	28 36.2	-80 16.0	24.8	-96.8	100.0	606	164.9	1.9	-0.6	953.1	66.9	23.1	17.6	14.4	14.4	NoChan*
11:47:00	28 36.4	-80 16.1	23.8	-97.1	100.0	615	164.8	1.8	-0.7	956.3	67.0	23.0	17.3	14.9	14.9	NoChan*
11:47:00	28 36.5	-80 15.9	24.2	-97.1	100.0	623	NoChan*	11.7	-8.3	69.2	73.5	-0.6	-5.8	50.0	50.0	82.8
11:47:00	0 0.0	0 0.0	294.5	325.8	485	0	NoChan*	-9.4	-1.9	67.4	70.6	0.0	201.1	147.7	7.5	107.1
11:47:30	28 34.6	-80 15.5	24.3	-96.9	99.8	605	164.9	2.0	-0.4	953.3	66.5	23.1	17.6	14.2	14.2	NoChan*
11:47:30	28 34.8	-80 15.6	23.2	-97.1	99.8	614	165.0	1.9	-0.4	956.4	66.5	23.0	17.4	14.7	14.7	NoChan*
11:47:30	28 35.0	-80 15.5	23.6	-97.1	99.9	620	NoChan*	12.1	-8.5	68.8	73.0	0.5	-4.7	50.0	50.0	81.1
11:47:30	0 0.0	0 0.0	294.5	325.4	484	0	NoChan*	-9.3	-1.9	67.0	70.1	0.0	200.5	143.1	7.5	106.8
11:48:00	28 33.0	-80 15.1	24.1	-96.4	99.3	605	165.1	2.0	-0.6	953.4	65.6	23.0	17.6	14.6	14.6	NoChan*
11:48:00	28 33.2	-80 15.2	23.1	-96.6	99.3	614	165.2	1.9	-0.7	956.5	65.6	22.9	17.3	15.2	15.2	NoChan*
11:48:00	28 33.4	-80 15.1	23.5	-96.6	99.4	620	NoChan*	12.8	-8.8	67.8	72.1	0.3	-4.9	50.0	50.0	83.4
11:48:00	0 0.0	0 0.0	294.5	326.0	484	0	NoChan*	-11.0	-2.5	66.1	69.2	0.0	199.2	142.4	7.3	106.1
11:48:30	28 31.5	-80 14.6	23.7	-96.2	99.1	605	165.6	2.0	-0.4	953.3	65.3	23.0	17.6	14.5	14.5	NoChan*
11:48:30	28 31.6	-80 14.8	22.6	-96.4	99.0	614	165.3	1.9	-0.5	956.4	65.4	22.9	17.3	14.9	14.9	NoChan*
11:48:30	28 31.8	-80 14.6	23.0	-96.4	99.1	621	NoChan*	12.8	-9.0	67.5	71.8	-0.5	-5.6	50.0	50.0	82.8
11:48:30	0 0.0	0 0.0	294.5	325.8	484	0	NoChan*	-11.1	-2.5	65.8	68.9	0.0	198.8	145.8	7.2	105.9
11:49:00	28 29.9	-80 14.2	23.6	-96.3	99.2	605	165.3	2.0	-0.6	953.4	65.6	23.0	17.6	14.2	14.2	NoChan*
11:49:00	28 30.1	-80 14.4	22.5	-96.5	99.1	613	165.2	2.0	-0.6	956.4	65.7	22.9	17.3	14.8	14.8	NoChan*
11:49:00	28 30.3	-80 14.2	22.9	-96.5	99.2	623	NoChan*	12.8	-8.9	67.9	72.2	-0.3	-5.5	50.0	50.0	81.6
11:49:00	0 0.0	0 0.0	294.5	325.4	484	0	NoChan*	-11.1	-2.5	66.1	69.2	0.0	199.3	142.5	7.5	106.1

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
11:49:30	28 28.3	-80 13.8	23.4	-97.2	100.0	604	165.3	2.1	-0.4	953.4	66.0	23.1	17.6	14.4	14.4	NoChan*
11:49:30	28 28.5	-80 14.0	22.4	-97.3	99.8	614	165.3	1.9	-0.4	956.5	66.0	22.9	17.3	14.8	14.8	NoChan*
11:49:30	28 28.7	-80 13.8	22.7	-97.3	99.9	622	NoChan*	12.4	-8.9	68.2	72.6	-1.4	-6.5	50.0	50.0	82.2
11:49:30	0 0.0	0 0.0	294.5	325.6	484	0	NoChan*	-10.7	-2.3	66.5	69.6	0.0	199.8	137.6	7.3	106.4
11:50:00	28 26.8	-80 13.3	23.5	-97.8	100.6	605	165.2	2.0	-0.6	953.3	66.7	23.1	17.6	14.4	14.4	NoChan*
11:50:00	28 26.9	-80 13.6	22.5	-97.9	100.5	613	165.4	1.9	-0.7	956.4	66.7	23.0	17.3	14.8	14.8	NoChan*
11:50:00	28 27.1	-80 13.4	22.8	-98.0	100.6	622	NoChan*	12.1	-8.7	68.9	73.3	-0.4	-5.6	50.0	50.0	82.5
11:50:00	0 0.0	0 0.0	294.5	325.7	484	0	NoChan*	-11.6	-2.7	67.2	70.3	0.0	200.8	135.7	7.3	106.9
11:50:30	28 25.4	-80 12.5	90.6	-41.4	99.6	606	115.6*	2.7	-27.8	954.2	65.1	23.0	17.6	14.3	14.3	NoChan*
11:50:30	28 25.6	-80 12.7	89.6	-41.4	98.7	613	115.7*	2.6	-27.9	956.5	65.1	22.8	17.3	14.8	14.8	NoChan*
11:50:30	28 25.7	-80 12.5	89.6	-42.0	98.9	620	NoChan*	18.7	-7.4	67.1	71.8	-1.1	-6.2	50.0	50.0	82.1
11:50:30	0 0.0	0 0.0	294.5	325.6	484	0	NoChan*	-12.4	-3.8	65.5	67.8	0.0	198.4	138.0	6.6	105.6
11:51:00	28 25.9	-80 10.8	53.1	93.5	107.5	603	32.9*	2.9	-26.9	954.5	63.4	22.9	17.6	14.4	14.4	NoChan*
11:51:00	28 26.0	-80 11.1	52.1	93.4	107.0	611	32.9*	2.9	-27.0	956.8	63.4	22.6	17.3	14.9	14.9	NoChan*
11:51:00	28 26.2	-80 10.9	52.8	93.2	107.1	615	NoChan*	19.4	-7.0	65.4	70.0	-0.1	-5.1	50.0	50.0	82.6
11:51:00	0 0.0	0 0.0	294.5	325.8	481	0	NoChan*	-12.2	-3.8	63.8	66.1	0.0	195.8	146.8	7.6	104.3
11:51:30	28 27.6	-80 10.8	-22.4	108.8	111.1	606	351.2	2.4	-1.2*	953.6	61.9	22.7	17.6	14.8	14.8	NoChan*
11:51:30	28 27.8	-80 11.1	-23.5	108.8	111.3	614	350.8	2.4	-1.3*	956.4	61.9	22.5	17.3	15.3	15.3	NoChan*
11:51:30	28 28.0	-80 10.9	-23.3	108.8	111.3	619	NoChan*	14.6	-8.6	64.0	68.2	-0.8	-5.6	50.0	50.0	84.8
11:51:30	0 0.0	0 0.0	294.4	326.5	484	0	NoChan*	-11.8	-3.0	62.4	65.2	0.0	193.6	144.5	8.8	103.1
11:52:00	28 29.4	-80 11.3	-32.9	102.5	107.7	603	344.6	2.9	-2.9	954.1	57.5	22.5	17.7	14.5	14.5	NoChan*
11:52:00	28 29.5	-80 11.6	-33.9	102.6	108.0	610	344.5	2.8	-2.9	956.7	57.5	22.3	17.4	14.9	14.9	NoChan*
11:52:00	28 29.7	-80 11.4	-33.7	102.6	108.0	618	NoChan*	18.9	-6.8	59.4	63.4	-0.5	-5.0	50.0	50.0	82.2
11:52:00	0 0.0	0 0.0	294.6	325.9	482	0	NoChan*	-11.4	-3.3	58.0	60.6	0.0	186.7	143.6	8.7	99.4
11:52:30	28 30.9	-80 11.9	-34.2	93.1	99.2	602	341.9	4.3	-0.4	954.2	47.6	21.8	17.8	14.2	14.2	NoChan*
11:52:30	28 31.1	-80 12.3	-35.2	93.2	99.6	610	341.9	4.2	-0.5	956.7	47.6	22.1	18.0	14.7	14.7	NoChan*
11:52:30	28 31.3	-80 12.1	-35.1	93.2	99.6	617	NoChan*	24.4	-1.8	49.9	53.2	-0.4	-4.1	50.0	50.0	80.7
11:52:30	0 0.0	0 0.0	294.7	325.6	482	0	NoChan*	-7.9	-2.2	48.0	50.6	0.0	170.2	145.4	8.9	90.7
11:53:00	28 32.5	-80 12.6	-36.2	96.6	103.2	607	341.7	3.3	-0.5	953.7	52.2	22.0	17.7	14.5	14.5	NoChan*
11:53:00	28 32.6	-80 12.9	-37.2	96.7	103.6	615	341.8	3.2	-0.6	956.2	52.3	22.0	17.6	15.0	15.0	NoChan*
11:53:00	28 32.8	-80 12.7	-37.1	96.7	103.6	623	NoChan*	21.2	-0.8	54.4	58.0	-0.4	-4.5	50.0	50.0	82.6
11:53:00	0 0.0	0 0.0	294.6	326.0	486	0	NoChan*	-10.8	-2.8	52.7	55.3	0.0	178.2	145.6	8.6	94.9
11:53:30	28 34.0	-80 13.2	-35.4	91.1	97.7	603	341.1	4.6	-0.3	954.1	46.0	21.7	17.8	14.2	14.2	NoChan*
11:53:30	28 34.2	-80 13.6	-36.4	91.2	98.1	611	340.8	4.6	-0.4	956.6	46.0	22.0	18.1	14.7	14.7	NoChan*
11:53:30	28 34.3	-80 13.4	-36.3	91.2	98.1	618	NoChan*	24.8	-1.6	48.5	51.6	-0.5	-4.2	50.0	50.0	80.5
11:53:30	0 0.0	0 0.0	294.7	325.6	483	0	NoChan*	-5.9	-1.5	46.4	48.9	0.0	167.4	140.2	9.1	89.2
11:54:00	28 35.5	-80 13.9	-41.2	91.8	100.6	605	337.6	3.8	-1.3	953.8	48.1	21.8	17.8	14.3	14.3	NoChan*
11:54:00	28 35.6	-80 14.3	-42.1	91.8	101.0	614	337.4	3.7	-1.4	956.3	48.2	22.0	17.9	14.8	14.8	NoChan*
11:54:00	28 35.8	-80 14.1	-42.0	91.9	101.0	620	NoChan*	24.2	-0.0	50.5	53.7	-0.9	-4.7	50.0	50.0	80.9
11:54:00	0 0.0	0 0.0	294.7	325.6	485	0	NoChan*	-6.9	-1.8	48.5	51.0	0.0	171.1	144.0	9.6	91.2

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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
11:54:30	28 37.0	-80 14.7	-33.7	95.3	101.1	607	342.9*	3.7	11.1*	953.3	49.1	21.8	17.7	14.3	14.3	NoChan*
11:54:30	28 37.2	-80 15.1	-34.7	95.4	101.5	616	343.0*	3.6	11.1*	956.1	49.2	21.9	17.7	14.8	14.8	NoChan*
11:54:30	28 37.3	-80 14.9	-34.9	95.3	101.5	622	NoChan*	24.0	0.3	51.5	54.8	0.5	-3.4	50.0	50.0	81.5
11:54:30	0 0.0	0 0.0	294.6	325.8	487	0	NoChan*	-5.5	-1.6	49.5	52.1	0.0	172.9	147.0	9.3	92.1
11:55:00	28 38.6	-80 15.1	-16.1	99.3	100.6	604	355.4	3.7	4.6*	953.8	49.2	22.0	17.8	14.2	14.2	NoChan*
11:55:00	28 38.8	-80 15.5	-17.0	99.4	100.8	613	355.5	3.6	4.5*	956.5	49.3	21.8	17.6	14.7	14.7	NoChan*
11:55:00	28 38.9	-80 15.3	-17.1	99.4	100.9	619	NoChan*	22.9	0.2	50.6	55.2	0.2	-3.7	50.0	50.0	80.0
11:55:00	0 0.

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
11:59:30	28 43.4	-80 18.1	26.3	-94.1	97.7	602	164.3	2.4	-0.9	953.8	64.2	23.1	17.7	14.3	14.3	NoChan*
11:59:30	28 43.5	-80 18.6	25.6	-93.9	97.4	611	164.3	2.3	-1.0	956.8	64.2	22.8	17.3	14.9	14.9	NoChan*
11:59:30	28 43.7	-80 18.4	25.7	-94.0	97.4	621	NoChan*	13.1	-10.5	66.1	70.7	-0.4	-5.4	50.0	50.0	81.5
11:59:30	0 0.0	0 0.0	294.6	325.7	481	0	NoChan*	-14.2	-3.7	64.6	67.7	0.0	197.1	147.3	7.5	105.0
12:00:00	28 41.8	-80 17.6	26.3	-93.1	96.7	605	163.3	2.2	-1.3	953.6	62.6	22.9	17.7	14.4	14.4	NoChan*
12:00:00	28 42.0	-80 18.2	25.6	-92.9	96.4	613	163.4	2.1	-1.4	956.6	62.7	22.6	17.3	14.9	14.9	NoChan*
12:00:00	28 42.2	-80 18.0	25.5	-93.0	96.4	625	NoChan*	14.0	-8.7	65.0	69.0	-0.3	-5.1	50.0	50.0	82.0
12:00:00	0 0.0	0 0.0	294.5	325.7	483	0	NoChan*	-7.7	-1.4	63.2	66.1	0.0	194.8	144.3	7.4	103.7
12:00:30	28 40.3	-80 17.1	30.0	-93.1	97.8	605	162.1	2.2	-0.8	953.5	63.9	23.0	17.7	14.3	14.3	NoChan*
12:00:30	28 40.5	-80 17.6	29.4	-92.8	97.4	614	161.8	2.1	-0.9	956.6	64.0	22.7	17.3	14.8	14.8	NoChan*
12:00:30	28 40.7	-80 17.5	29.3	-92.9	97.4	622	NoChan*	13.7	-8.2	66.2	70.4	-0.4	-5.4	50.0	50.0	81.9
12:00:30	0 0.0	0 0.0	294.5	325.6	483	0	NoChan*	-9.9	-2.2	64.4	67.4	0.0	196.7	152.2	7.1	104.7
12:01:00	28 38.8	-80 16.5	31.2	-95.7	100.7	608	161.7	1.9	-0.9	953.1	67.3	23.2	17.6	14.3	14.3	NoChan*
12:01:00	28 39.0	-80 17.1	30.6	-95.5	100.3	617	161.6	1.8	-0.9	956.3	67.4	23.0	17.3	14.8	14.8	NoChan*
12:01:00	28 39.2	-80 16.9	30.5	-95.5	100.3	627	NoChan*	10.7	-8.3	69.4	74.0	-0.8	-6.1	50.0	50.0	81.8
12:01:00	0 0.0	0 0.0	294.5	325.6	485	0	NoChan*	-13.5	-3.3	67.8	71.0	0.0	201.8	143.7	7.1	107.5
12:01:30	28 37.2	-80 15.9	31.7	-95.1	100.3	607	161.0	1.9	-0.9	953.2	67.0	23.2	17.6	14.2	14.2	NoChan*
12:01:30	28 37.4	-80 16.5	31.1	-94.9	99.8	616	161.1	1.8	-1.0	956.4	67.0	22.9	17.3	14.7	14.7	NoChan*
12:01:30	28 37.6	-80 16.3	31.1	-94.9	99.9	627	NoChan*	11.6	-8.5	69.0	73.5	-0.5	-5.7	50.0	50.0	81.4
12:01:30	0 0.0	0 0.0	294.5	325.5	485	0	NoChan*	-13.4	-3.3	67.4	70.6	0.0	201.2	139.5	7.4	107.1
12:02:00	28 35.7	-80 15.3	31.1	-94.9	99.9	607	161.2	1.9	-0.9	953.3	66.2	23.1	17.7	14.2	14.2	NoChan*
12:02:00	28 35.9	-80 16.0	30.6	-94.7	99.5	616	161.4	1.8	-1.0	956.4	66.3	22.9	17.3	14.7	14.7	NoChan*
12:02:00	28 36.1	-80 15.8	30.5	-94.7	99.5	626	NoChan*	11.8	-8.9	68.2	72.8	-0.6	-5.8	50.0	50.0	81.3
12:02:00	0 0.0	0 0.0	294.5	325.5	484	0	NoChan*	-14.3	-3.6	66.7	69.9	0.0	200.1	137.0	7.3	106.6
12:02:30	28 34.2	-80 14.8	32.9	-94.5	100.0	606	160.3	2.0	-0.9	953.3	66.3	23.1	17.6	14.5	14.5	NoChan*
12:02:30	28 34.4	-80 15.4	32.4	-94.2	99.6	615	160.0	1.9	-1.0	956.5	66.4	22.8	17.2	15.0	15.0	NoChan*
12:02:30	28 34.5	-80 15.2	32.3	-94.3	99.6	624	NoChan*	11.9	-8.8	68.6	72.9	-0.2	-5.4	50.0	50.0	82.9
12:02:30	0 0.0	0 0.0	294.5	325.9	484	0	NoChan*	-11.1	-2.5	66.8	69.9	0.0	200.2	142.0	6.9	106.6
12:03:00	28 32.6	-80 14.1	34.8	-93.7	100.0	607	159.0	1.9	-0.8	953.2	66.5	23.1	17.6	14.3	14.3	NoChan*
12:03:00	28 32.9	-80 14.8	34.4	-93.4	99.5	616	158.9	1.8	-0.9	956.4	66.5	22.9	17.2	14.8	14.8	NoChan*
12:03:00	28 33.0	-80 14.6	34.2	-93.5	99.6	625	NoChan*	11.4	-9.0	68.6	73.0	-1.0	-6.1	50.0	50.0	82.1
12:03:00	0 0.0	0 0.0	294.5	325.6	484	0	NoChan*	-11.5	-2.7	66.9	70.1	0.0	200.5	138.8	7.2	106.7
12:03:30	28 31.1	-80 13.5	36.8	-93.0	100.0	606	157.6	2.0	-1.0	953.3	65.8	23.1	17.7	14.2	14.2	NoChan*
12:03:30	28 31.3	-80 14.1	36.3	-92.7	99.5	615	157.6	1.9	-1.0	956.4	65.9	22.9	17.3	14.6	14.6	NoChan*
12:03:30	28 31.5	-80 13.9	36.2	-92.7	99.6	624	NoChan*	11.8	-9.2	68.1	72.3	-0.2	-5.4	50.0	50.0	80.9
12:03:30	0 0.0	0 0.0	294.5	325.4	484	0	NoChan*	-10.7	-2.4	66.3	69.4	0.0	199.5	133.7	6.8	106.3
12:04:00	28 29.6	-80 12.8	38.8	-92.3	100.1	606	156.3	2.0	-0.9	953.3	65.9	23.0	17.5	14.7	14.7	NoChan*
12:04:00	28 29.8	-80 13.4	38.4	-91.9	99.6	615	156.5	1.9	-1.0	956.5	66.0	22.7	17.2	15.2	15.2	NoChan*
12:04:00	28 30.0	-80 13.2	38.2	-92.0	99.6	623	NoChan*	12.1	-9.2	68.2	72.5	-0.9	-6.1	50.0	50.0	84.5
12:04:00	0 0.0	0 0.0	294.4	326.3	484	0	NoChan*	-10.6	-2.4	66.4	69.5	0.0	199.7	132.3	6.8	106.3

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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
12:04:30	28 28.1	-80 12.0	40.8	-91.4	100.1	605	155.7	2.1	-0.8*	953.4	65.7	23.1	17.7	14.1	14.1	NoChan*
12:04:30	28 28.4	-80 12.7	40.4	-91.0	99.6	614	155.4	2.0	-0.9*	956.5	65.7	22.8	17.3	14.6	14.6	NoChan*
12:04:30	28 28.5	-80 12.5	40.3	-91.1	99.6	622	NoChan*	12.5	-9.3	67.8	72.2	-1.5	-6.6	50.0	50.0	80.8
12:04:30	0 0.0	0 0.0	294.5	325.3	483	0	NoChan*	-12.7	-3.1	66.1	69.2	0.0	199.3	135.5	6.4	106.1
12:05:00	28 27.4	-80 10.6	97.8	27.6	101.6	607	78.0*	3.0	-29.6	954.3	64.3	23.0	17.6	14.3	14.3	NoChan*
12:05:00	28 27.6	-80 11.3	97.5	28.0	101.4	615	77.8*	3.0	-29.7	956.5	64.4	22.7	17.3	14.9	14.9	NoChan*
12:05:00	28 27.8	-80 11.1	97.5	27.3	101.2	620	NoChan*	19.1	-7.5	65.9	71.1	-1.4	-6.4	50.0	50.0	81.9
12:05:00	0 0.0	0 0.0	294.5	325.6	483	0	NoChan*	-19.3	-6.3	64.7	67.0	0.0	197.3	138.0	7.3	105.1
12:05:30	28 28.6	-80 9.3	64.5	84.4	106.3	607	42.7	2.1	1.4*	953.3	63.7	23.1	17.8	13.3	13.3	NoChan*
12:05:30	28 28.8	-80 9.9	64.2	84.8	106.4	615	42.3	2.0	1.3*	956.4	63.8	22.8	17.4	13.7	13.7	NoChan*
12:05:30	28 29.0	-80 9.8	64.0	84.9	106.3	620	NoChan*	13.1	-8.7	66.0	70.2	-1.1	-6.1	50.0	50.0	75.7
12:05:30	0 0.0	0 0.0	294.7	323.7	484	0	NoChan*	-9.5	-2.0	64.2	67.4	0.0	196.4	140.9	8.6	104.6
12:06:00	28 30.2	-80 9.0	-29.3	106.3	110.2	603	347.5	2.4	0.4	953.9	60.6	22.8	17.8	14.4	14.4	NoChan*
12:06:00	28 30.5	-80 9.7	-29.6	106.7	110.7	611	347.4	2.3	0.4	956.8	60.6	22.6	17.4	15.0	15.0	NoChan*
12:06:00	28 30.7	-80 9.5	-29.9	106.7	110.8	618	NoChan*	15.4	-8.0	62.9	66.8	-0.0	-4.8	50.0	50.0	81.5
12:06:00	0 0.0	0 0.0	294.7	325.9	481	0	NoChan*	-7.7	-1.8	61.1	63.8	0.0	191.6	136.8	9.3	102.1
12:06:30	28 31.9	-80 9.6	-34.9	99.8	105.7	600	343.4	3.1	-2.9	954.4	55.3	22.5	17.9	14.0	14.0	NoChan*
12:06:30	28 32.2	-80 10.3	-35.1	100.2	106.2	609	343.4	3.0	-2.9	956.9	55.4	22.3	17.6	14.5	14.5	NoChan*
12:06:30	28 32.4	-80 10.1	-35.4	100.2	106.3	616	NoChan*	20.4	-5.5	57.1	61.1	-0.4	-4.7	50.0	50.0	78.9
12:06:30	0 0.0	0 0.0	294.7	325.2	480	0	NoChan*	-12.2	-3.4	55.8	58.4	0.0	183.3	141.0	8.6	97.6
12:07:00	28 33.5	-80 10.3	-45.1	89.2	99.9	608	334.7	3.9	-2.8	953.7	48.3	21.8	17.8	14.3	14.3	NoChan*
12:07:00	28 33.7	-80 11.0	-45.3	89.6	100.4	617	334.8	3.8	-2.8	956.1	48.4	21.8	17.7	14.8	14.8	NoChan*
12:07:00	28 33.9	-80 10.9	-45.5	89.6	100.5	621	NoChan*	22.5	-1.8	51.0	54.0	-0.4	-4.3	50.0	50.0	81.1
12:07:00	0 0.0	0 0.0	294.7	325.8	487	0	NoChan*	-4.1	-0.8	48.8	51.2	0.0	171.5	137.5	8.9	91.4
12:07:30	28 34.9	-80 11.3	-59.2	84.9	103.5	606	326.8	3.3	-1.9*	953.9	51.8	22.2	17.9	14.3	14.3	NoChan*
12:07:30	28 35.2	-80 12.0	-59.4	85.4	104.0	615	326.5	3.2	-2.0*	956.4	51.9	22.0	17.6	14.8	14.8	NoChan*
12:07:30	28 35.3	-80 11.8	-59.7	85.4	104.1	621	NoChan*	21.2	-0.5	54.1	57.5	-0.5	-4.5	50.0	50.0	80.5
12:07:30	0 0.0	0 0.0	294.7	325.8	484	0	NoChan*	-7.4	-1.8	52.3	54.7	0.0	177.4	133.1	9.2	94.5
12:08:00	28 36.3	-80 12.4	-55.7	86.1	102.6	606	328.9	3.3	-0.4	954.0	50.9	22.1	17.8	14.3	14.3	NoChan*
12:08:00	28 36.6	-80 13.0	-55.9	86.6	103.0	615	328.7	3.3	-0.5	956.5	50.9	21.9	17.6	14.8	14.8	NoChan*
12:08:00	28 36.7	-80 12.9	-56.2	86.5	103.2	615	NoChan*	22.0	-1.0	53.1	56.5	-0.4	-4.4	50.0	50.0	80.6
12:08:00	0 0.0	0 0.0	294.7	325.7	483	0	NoChan*	-7.5	-1.9	51.3	53.8	0.0	175.9	134.4	9.1	93.7
12:08:30	28 37.8	-80 13.2	-31.7	97.2	102.3	606	345.0	3.3	0.7*	953.8	51.2	22.1	17.8	14.1	14.1	NoChan*
12:08:30	28 38.0	-80 13.9	-31.7	97.7	102.7	615	345.0	3.2	0.7*	956.4	51.3	21.9	17.6	14.6	14.6	NoChan*
12:08:30	28 38.2	-80 13.7	-32.1	97.7	102.8	616	NoChan*	21.4	-1.1	53.3	56.9	-0.2	-4.2	50.0	50.0	79.8
12:08:30	0 0.0	0 0.0	294.7	325.4	484	0	NoChan*	-10.5	-2.7	51.7	54.3	0.0	176.5	140.6	8.9	94.0
12:09:00	28 39.3	-80 13.8	-30.0	98.5	103.0	608	346.9	3.3	-0.5	953.7	52.1	22.2	17.9	14.1	14.1	NoChan*
12:09:00	28 39.6	-80 14.4	-30.0	99.0	103.5	616	347.0	3.1	-0.6	956.2	52.2	22.0	17.5	14.6	14.6	NoChan*
12:09:00	28 39.8	-80 14.3	-30.4	99.0	103.6	619	NoChan*	20.6	-1.2	54.0	57.8	-0.1	-4.2	50.0	50.0	79.6
12:09:00	0 0.0	0 0.0	294.8	325.5	486	0	NoChan*	-13.1	-3.6	52.5	55.1	0.0	178.0	135.6	9.3	94.8

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
12:09:30	28 40.9	-80 14.3	-27.6	99.0	102.7	605	348.4	3.3	-0.9	954.0	51.2	22.1	17.8	14.4	14.4	NoChan*
12:09:30	28 41.3	-80 15.0	-27.6	99.5	103.2	614	348.1	3.3	-1.0	956.5	51.2	21.8	17.5	14.9	14.9	NoChan*
12:09:30	28 41.4	-80 14.8	-27.9	99.4	103.3	616	NoChan*	21.7	-1.3	52.8	56.9	-0.7	-4.7	50.0	50.0	81.5
12:09:30	0 0.0	0 0.0	294.7	326.0	484	0	NoChan*	-15.7	-4.7	51.5	54.1	0.0	176.3	140.4	9.7	93.9
12:10:00	28 42.5	-80 14.8	-30.1	97.8	102.4	607	345.7	3.1	-1.1	953.8	51.1	22.0	17.7	14.4	14.4	NoChan*
12:10:00	28 42.9	-80 15.5	-30.0	98.3	102.8	615	345.5	3.0	-1.2	956.3	51.2	21.8	17.4	14.9	14.9	NoChan*
12:10:00	28 43.0	-80 15.4	-30.4	98.4	102.9	616	NoChan*	21.5	-1.5	53.0	56.8	-0.7	-4.7	50.0	50.0	82.0
12:10:00	0 0.0	0 0.0	294.6	325.9	485	0	NoChan*	-12.6	-3.4	51.5	54.0	0.0	176.2	145.8	8.9	93.9
12:10:30	28 44.0	-80 14.5	67.9	63.4	92.9	606	53.6*	3.4	20.1	953.3	49.1	21.7	17.5	15.4	15.4	NoChan*
12:10:30	28 44.3	-80 15.2	68.1	63.9	93.3	615	53.7*	3.2	20.0	956.6	49.2	21.6	17.5	15.6	15.6	NoChan*
12:10:30	28 44.5	-80 15.1	67.5	64.2	93.2	617	NoChan*	25.9	-0.5	51.8	55.0	-0.5	-4.4	50.0	50.0	88.4
12:10:30	0 0.0	0 0.0	294.4	327.7	483	0	NoChan*	-6.4	-1.1	49.5	52.7	0.0	172.8	145.2	7.9	92.1
12:11:00	28 44.8	-80 13.1	46.8	84.7	96.8	610	32.4*	4.5	-27.0*	954.3	52.3	22.0	17.6	15.3	15.3	NoChan*
12:11:00	28 45.2	-80 13.8	47.1	85.2	97.4	618	32.5*	4.4	-27.1*	956.2	52.4	21.9	17.4	15.7	15.7	NoChan*
12:11:00	28 45.3	-80 13.7	47.2	84.9	97.2	619	NoChan*	25.6	0.8	54.4	58.5	0.6	-3.5	50.0	50.0	87.3
12:11:00	0 0.0	0 0.0	294.5	327.6	486	0	NoChan*	-15.8	-5.4	52.6	54.4	0.0	178.3	137.1	6.4	95.0
12:11:30	28 46.4	-80 13.2	-30.0	100.7	105.1	608	347.5*	2.7	6.0*	953.6	56.1	22.5	17.8	15.0	15.0	NoChan*
12:11:30	28 46.8	-80 13.9	-29.8	101.2	105.5	616	347.2*	2.6	5.8*	956.4	56.1	22.2	17.4	15.5	15.5	NoChan*
12:11:30	28 46.9	-80 13.8	-30.6	101.1	105.7	616	NoChan*	19.3	-0.5	58.2	62.0	-0.4	-4.8	50.0	50.0	84.7
12:11:30	0 0.0	0 0.0	294.7	327.2	485	0	NoChan*	-12.4	-3.3	56.5	59.5	0.0	184.4	128.8	8.4	98.3
12:12:00	28 47.9	-80 12.7	80.6	48.6	94.1	607	65.6*	3.3	24.5	953.3	53.3	22.1	17.6	15.1	15.1	NoChan*
12:12:00	28 48.2	-80 13.4	80.9	49.1	94.7	615	65.5*	3.2	24.4	956.8	53.4	22.1	17.6	15.6	15.6	NoChan*
12:12:00	28 48.4	-80 13.3	80.4	49.8	94.6	614	NoChan*	25.9	-0.2	56.6	59.5	-1.1	-5.3	50.0	50.0	86.1
12:12:00	0 0.0	0 0.0	294.5	327.1	480	0	NoChan*	-2.7	0.0	53.8	57.4	0.0	180.0	140.2	8.8	95.8
12:12:30	28 47.7	-80 11.2	57.5	-67.4	88.6	609	141.3*	3.2	22.0*	953.2	52.7	22.2	17.8	14.8	14.8	NoChan*
12:12:30	28 48.0	-80 11.9	57.9	-66.8	88.4	618	141.0*	3.1	21.9*	956.6	52.7	22.2	17.8	15.4	15.4	NoChan*
12:12:30	28 48.2	-80 11.8	58.0	-66.5	88.3	618	NoChan*	24.9	-0.3	55.8	58.8	-0.2	-4.3	50.0	50.0	83.8
12:12:30	0 0.0	0 0.0	294.7	326.9	482	0	NoChan*	-3.5	-0.3	53.2	56.5	0.0	178.9	145.1	6.8	95.3
12:13:00	28 46.3	-80 10.9	-9.6	-94.0	94.5	610	183.0	2.7	1.1	953.6	56.5	22.6	17.9	14.6	14.6	NoChan*
12:13:00	28 46.6	-80 11.5	-9.2	-93.5	93.9	618	183.0	2.6	1.1	956.4	56.5	22.3	17.5	15.1	15.1	NoChan*
12:13:00	28 46.8	-80 11.4	-9.6	-93.5	94.0	618	NoChan*	18.3	-1.4	58.8	62.5	-0.6	-5.0	50.0	50.0	81.9
12:13:00	0 0.0	0 0.0	294.8	326.4	484	0	NoChan*	-10.8	-2.9	56.9	59.6	0.0	185.1	126.5	7.6	98.6
12:13:30	28 44.7	-80 11.1	-20.9	-96.7	99.0	612	188.9	2.0	0.5*	953.2	60.3	22.9	17.9	14.5	14.5	NoChan*
12:13:30	28 45.1	-80 11.8	-20.5	-96.1	98.3	621	189.0	1.9	0.5*	956.1	60.4	22.6	17.5	15.0	15.0	NoChan*
12:13:30	28 45.2	-80 11.7	-20.8	-96.2	98.4	616	NoChan*	14.2	-3.7	62.5	66.5	0.3	-4.4	50.0	50.0	81.7
12:13:30	0 0.0	0 0.0	294.8	326.3	487	0	NoChan*	-11.6	-3.0	60.8	63.7	0.0	191.2	121.8	7.9	101.9
12:14:00	28 43.1	-80 11.5	-26.3	-98.1	101.6	609	192.0	2.1	2.5*	953.4	63.9	23.1	17.9	14.6	14.6	NoChan*
12:14:00	28 43.5	-80 12.2	-25.9	-97.5	100.9	618	192.1	2.0	2.4*	956.5	63.9	22.9	17.5	15.0	15.0	NoChan*
12:14:00	28 43.7	-80 12.1	-26.1	-97.6	101.1	621	NoChan*	12.4	-5.9	65.9	70.2	-1.3	-6.3	50.0	50.0	82.0
12:14:00	0 0.0	0 0.0	294.7	326.3	484	0	NoChan*	-13.6	-3.5	64.3	67.4	0.0	196.6	125.8	8.1	104.7

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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
12:14:30	28 41.5	-80 12.1	-30.1	-99.4	103.9	611	194.0	1.6	-0.6	953.1	66.2	23.3	17.8	14.2	14.2	NoChan*
12:14:30	28 41.9	-80 12.7	-29.6	-98.8	103.1	619	193.7	1.6	-0.7	956.3	66.3	23.1	17.5	14.7	14.7	NoChan*
12:14:30	28 42.1	-80 12.6	-30.0	-98.9	103.3	621	NoChan*	10.9	-6.4	68.4	72.7	-1.1	-6.3	50.0	50.0	80.3
12:14:30	0 0.0	0 0.0	294.7	325.6	485	0	NoChan*	-13.5	-3.4	66.7	69.8	0.0	200.1	126.5	7.5	106.6
12:15:00	28 39.9	-80 12.6	-32.9	-100.7	106.0	609	195.0	1.8	-0.5	953.2	68.5	23.5	17.8	14.3	14.3	NoChan*
12:15:00	28 40.3	-80 13.3	-32.4	-100.1	105.2	618	195.0	1.7	-0.6	956.5	68.5	23.3	17.6	14.8	14.8	NoChan*
12:15:00	28 40.4	-80 13.2	-32.7	-100.2	105.4	613	NoChan*	10.4	-7.2	70.6	75.0	-1.1	-6.4	50.0	50.0	80.9
12:15:00	0 0.

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
12:19:30	28 25.4	-80 10.4	24.5	-99.8	102.7	610	164.2	1.8	-0.6	953.2	68.1	23.3	17.6	14.0	14.0	NoChan*
12:19:30	28 25.9	-80 10.9	25.3	-99.1	102.3	618	164.3	1.7	-0.7	956.3	68.2	23.1	17.4	14.5	14.5	NoChan*
12:19:30	28 26.1	-80 10.9	25.0	-99.2	102.3	615	NoChan*	9.9	-8.7	70.2	74.5	-1.0	-6.3	50.0	50.0	80.1
12:19:30	0 0.0	0 0.0	294.5	325.0	485	0	NoChan*	-12.8	-3.1	68.5	71.7	0.0	202.9	119.9	7.4	108.0
12:20:00	28 23.8	-80 9.9	24.3	-99.9	102.8	609	164.4	1.9	-0.9	953.4	68.0	23.5	17.8	12.6	12.6	NoChan*
12:20:00	28 24.3	-80 10.4	25.2	-99.2	102.3	617	164.6	1.8	-1.0	956.5	68.0	23.3	17.6	13.1	13.1	NoChan*
12:20:00	28 24.4	-80 10.4	24.9	-99.3	102.3	614	NoChan*	10.0	-8.9	70.0	74.4	-0.9	-6.2	50.0	50.0	72.3
12:20:00	0 0.0	0 0.0	294.7	322.7	483	0	NoChan*	-14.2	-3.6	68.4	71.6	0.0	202.7	118.9	7.4	107.9
12:20:30	28 22.2	-80 9.5	24.3	-99.9	102.9	610	164.9	1.9	-0.8	953.3	67.5	23.7	18.2	10.6	10.6	NoChan*
12:20:30	28 22.7	-80 10.0	25.3	-99.2	102.4	618	164.6	1.8	-0.9	956.4	67.6	23.6	17.9	11.1	11.1	NoChan*
12:20:30	28 22.8	-80 10.0	24.9	-99.3	102.4	620	NoChan*	10.0	-9.2	69.7	73.9	0.5	-4.7	50.0	50.0	61.9
12:20:30	0 0.0	0 0.0	295.0	319.6	484	0	NoChan*	-11.8	-2.9	68.0	71.1	0.0	202.0	125.0	6.2	107.6
12:21:00	28 20.5	-80 9.1	24.6	-100.3	103.3	610	164.8	1.8	-0.9	953.2	68.6	23.9	18.2	10.1	10.1	NoChan*
12:21:00	28 21.1	-80 9.5	25.6	-99.6	102.8	619	164.7	1.7	-1.0	956.3	68.7	23.7	17.9	10.6	10.6	NoChan*
12:21:00	28 21.2	-80 9.5	25.3	-99.7	102.8	622	NoChan*	9.6	-8.9	70.8	75.1	0.9	-4.4	50.0	50.0	59.7
12:21:00	0 0.0	0 0.0	295.1	318.8	485	0	NoChan*	-13.0	-3.2	69.1	72.3	0.0	203.6	125.8	6.7	108.5
12:21:30	28 18.9	-80 8.6	25.1	-100.2	103.3	611	164.4	1.7	-0.9	953.1	69.0	23.2	17.5	14.6	14.6	NoChan*
12:21:30	28 19.5	-80 9.0	26.1	-99.5	102.8	619	164.4	1.6	-0.9	956.3	69.0	23.0	17.2	16.5	16.5	NoChan*
12:21:30	28 19.6	-80 9.1	25.7	-99.6	102.9	623	NoChan*	8.6	-9.1	71.2	75.4	-0.3	-5.7	50.0	50.0	84.5
12:21:30	0 0.0	0 0.0	294.4	326.1	485	0	NoChan*	-12.8	-3.2	69.4	72.7	0.0	204.1	124.9	7.0	108.7
12:22:00	28 17.3	-80 8.1	24.4	-98.0	101.0	608	164.3	1.9	-0.8	953.5	66.0	23.1	17.7	13.4	13.4	NoChan*
12:22:00	28 17.9	-80 8.6	25.4	-97.3	100.5	616	164.4	1.8	-0.9	956.5	66.0	22.9	17.3	14.4	14.4	NoChan*
12:22:00	28 18.0	-80 8.6	25.1	-97.4	100.6	621	NoChan*	11.8	-9.7	68.0	72.3	-0.3	-5.4	50.0	50.0	76.8
12:22:00	0 0.0	0 0.0	294.5	323.7	483	0	NoChan*	-12.3	-3.1	66.4	69.4	0.0	199.7	123.6	7.1	106.3
12:22:30	28 15.8	-80 7.5	82.3	-51.8	97.2	609	120.7*	3.5	-42.1	954.8	62.9	23.1	17.9	12.2	12.2	NoChan*
12:22:30	28 16.4	-80 7.9	83.4	-50.9	97.7	615	120.7*	3.4	-42.1	956.8	62.9	22.8	17.5	14.8	14.8	NoChan*
12:22:30	28 16.5	-80 8.0	83.6	-56.0	100.6	619	NoChan*	27.0	-2.8	65.4	69.8	-0.8	-5.7	50.0	50.0	70.1
12:22:30	0 0.0	0 0.0	294.7	321.9	481	0	NoChan*	-13.5	-4.1	63.3	65.2	0.0	195.1	121.4	6.7	103.9
12:23:00	28 16.7	-80 6.4	-28.8	103.0	107.0	607	345.4*	3.4*	-18.1*	954.3	58.0	22.7	17.9	12.0	12.0	NoChan*
12:23:00	28 17.3	-80 6.8	-27.8	103.7	107.4	615	345.6*	3.3*	-17.8*	956.7	58.1	22.5	17.5	12.1	12.1	NoChan*
12:23:00	28 17.4	-80 6.8	-28.0	103.9	107.6	607	NoChan*	21.5	-3.2	61.0	64.3	0.0	-4.5	50.0	50.0	69.0
12:23:00	0 0.0	0 0.0	294.7	321.5	482	0	NoChan*	0.5	-0.1	58.5	60.6	0.0	187.5	135.4	8.2	99.9
12:23:30	28 18.3	-80 7.0	-36.1	98.9	105.3	609	343.4	2.7	-3.2	953.9	55.9	22.3	17.6	13.6	13.6	NoChan*
12:23:30	28 18.9	-80 7.4	-34.9	99.7	105.6	617	343.0	2.7	-3.3	956.3	56.0	22.0	17.3	14.2	14.2	NoChan*
12:23:30	28 19.0	-80 7.4	-35.4	99.8	105.9	609	NoChan*	18.4	-5.4	58.0	61.7	-0.5	-4.8	50.0	50.0	78.3
12:23:30	0 0.0	0 0.0	294.5	324.3	485	0	NoChan*	-11.9	-3.4	56.4	58.8	0.0	184.2	129.4	8.5	98.1
12:24:00	28 19.9	-80 7.6	-26.6	96.2	99.8	604	348.8	3.5	0.0*	954.4	50.1	22.4	18.2	10.8	10.8	NoChan*
12:24:00	28 20.5	-80 8.0	-25.4	96.9	100.2	612	348.6	3.4	-0.1*	956.8	50.1	22.5	18.2	9.9	9.9	NoChan*
12:24:00	28 20.6	-80 8.0	-25.9	97.1	100.5	607	NoChan*	23.0	-3.0	51.8	55.4	-0.4	-4.4	50.0	50.0	62.3
12:24:00	0 0.0	0 0.0	295.1	319.9	480	0	NoChan*	-12.9	-3.8	50.5	53.0	0.0	174.5	130.8	8.4	92.9

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
12:24:30	28 21.4	-80 8.2	-28.3	95.4	99.5	609	347.4	3.5	-0.6	954.0	50.0	22.3	18.2	10.4	10.4	NoChan*
12:24:30	28 22.1	-80 8.5	-27.1	96.1	99.9	619	347.4	3.4	-0.6	956.4	50.1	22.4	18.1	10.9	10.9	NoChan*
12:24:30	28 22.2	-80 8.5	-27.6	96.1	100.0	621	NoChan*	21.8	-2.6	52.1	55.4	-0.4	-4.3	50.0	50.0	61.0
12:24:30	0 0.0	0 0.0	295.0	319.2	485	0	NoChan*	-10.6	-2.9	50.4	52.8	0.0	174.4	128.5	8.2	92.9
12:25:00	28 23.0	-80 8.7	-27.7	96.1	100.0	609	348.1	3.4	0.0	953.9	51.1	22.2	17.9	12.9	12.9	NoChan*
12:25:00	28 23.6	-80 9.0	-26.4	96.8	100.4	618	348.2	3.3	-0.0	956.4	51.1	22.1	17.8	13.3	13.3	NoChan*
12:25:00	28 23.7	-80 9.1	-26.9	96.8	100.5	624	NoChan*	21.2	-2.3	53.2	56.6	-0.5	-4.5	50.0	50.0	73.1
12:25:00	0 0.0	0 0.0	294.8	323.1	484	0	NoChan*	-10.9	-2.9	51.5	54.0	0.0	176.2	124.9	8.1	93.9
12:25:30	28 24.5	-80 9.2	-26.5	96.3	99.9	609	349.0	3.3	-0.5	953.9	50.4	21.9	17.7	13.9	13.9	NoChan*
12:25:30	28 25.2	-80 9.5	-25.2	97.0	100.2	618	348.7	3.2	-0.6	956.3	50.4	21.9	17.6	14.4	14.4	NoChan*
12:25:30	28 25.3	-80 9.5	-25.7	97.0	100.4	626	NoChan*	21.1	-2.7	52.4	55.8	-0.5	-4.4	50.0	50.0	79.1
12:25:30	0 0.0	0 0.0	294.6	324.8	485	0	NoChan*	-11.0	-2.9	50.8	53.3	0.0	175.0	125.9	8.8	93.2
12:26:00	28 26.1	-80 9.7	-26.5	96.7	100.3	610	349.1	3.4	-0.7	954.0	50.3	21.9	17.7	14.0	14.0	NoChan*
12:26:00	28 26.8	-80 9.9	-25.2	97.4	100.6	617	349.0	3.4	-0.8	956.3	50.4	21.9	17.6	14.6	14.6	NoChan*
12:26:00	28 26.9	-80 10.0	-25.6	97.4	100.7	628	NoChan*	21.7	-2.6	52.3	55.8	0.4	-3.6	50.0	50.0	80.0
12:26:00	0 0.0	0 0.0	294.6	325.1	485	0	NoChan*	-12.1	-3.5	50.7	53.3	0.0	175.0	128.3	9.0	93.2
12:26:30	28 27.7	-80 10.2	-27.0	97.2	100.9	611	348.9	3.5	-0.7	953.8	51.0	21.9	17.6	14.8	14.8	NoChan*
12:26:30	28 28.4	-80 10.4	-25.7	97.9	101.2	619	349.0	3.3	-0.8	956.3	51.1	21.7	17.4	15.4	15.4	NoChan*
12:26:30	28 28.5	-80 10.5	-26.1	97.9	101.3	627	NoChan*	21.4	-2.2	53.0	56.6	0.5	-3.5	50.0	50.0	84.6
12:26:30	0 0.0	0 0.0	294.5	326.5	486	0	NoChan*	-12.4	-3.5	51.4	54.0	0.0	176.1	127.9	9.0	93.8
12:27:00	28 29.3	-80 10.7	-27.0	97.9	101.6	611	349.0	3.3	-0.8	953.8	51.0	21.9	17.7	14.2	14.2	NoChan*
12:27:00	28 30.0	-80 10.9	-25.6	98.6	101.8	620	349.1	3.2	-0.9	956.3	51.0	21.8	17.5	14.7	14.7	NoChan*
12:27:00	28 30.1	-80 11.0	-26.0	98.6	101.9	625	NoChan*	21.3	-2.3	53.0	56.4	-1.2	-5.2	50.0	50.0	81.2
12:27:00	0 0.0	0 0.0	294.6	325.4	486	0	NoChan*	-11.9	-3.5	51.4	53.8	0.0	176.0	130.8	9.6	93.8
12:27:30	28 30.9	-80 11.2	-27.1	97.6	101.3	611	349.2	3.2	-0.9	953.8	50.5	22.0	17.7	14.1	14.1	NoChan*
12:27:30	28 31.6	-80 11.3	-25.7	98.2	101.5	620	348.9	3.1	-1.0	956.2	50.6	21.9	17.6	14.7	14.7	NoChan*
12:27:30	28 31.7	-80 11.4	-26.1	98.3	101.7	625	NoChan*	21.3	-2.6	52.4	55.9	-0.6	-4.6	50.0	50.0	80.4
12:27:30	0 0.0	0 0.0	294.6	325.4	486	0	NoChan*	-12.0	-3.4	50.9	53.3	0.0	175.2	129.2	9.9	93.4
12:28:00	28 32.4	-80 11.7	-26.7	96.9	100.5	609	349.0	3.4	-0.7	954.0	49.6	22.0	17.8	13.6	13.6	NoChan*
12:28:00	28 33.1	-80 11.8	-25.3	97.5	100.7	618	348.8	3.3	-0.7	956.4	49.7	22.0	17.8	14.1	14.1	NoChan*
12:28:00	28 33.3	-80 11.9	-25.6	97.5	100.8	623	NoChan*	22.0	-2.7	51.6	55.0	0.3	-3.6	50.0	50.0	77.5
12:28:00	0 0.0	0 0.0	294.7	324.5	484	0	NoChan*	-11.3	-3.2	50.0	52.5	0.0	173.7	131.5	9.7	92.5
12:28:30	28 34.0	-80 12.1	-27.1	96.3	100.0	609	349.2	3.4	-0.9	954.1	49.5	22.0	17.8	14.3	14.3	NoChan*
12:28:30	28 34.7	-80 12.3	-25.6	96.9	100.2	618	349.2	3.3	-1.0	956.5	49.6	22.0	17.8	14.8	14.8	NoChan*
12:28:30	28 34.8	-80 12.4	-26.1	96.9	100.3	624	NoChan*	22.0	-2.3	51.4	54.9	-0.7	-4.6	50.0	50.0	80.6
12:28:30	0 0.0	0 0.0	294.7	325.7	484	0	NoChan*	-12.0	-3.6	49.9	52.3	0.0	173.5	126.8	9.8	92.5
12:29:00	28 35.6	-80 12.7	-28.1	96.9	100.9	608	348.6	3.6	-0.5	954.1	49.8	22.0	17.8	14.6	14.6	NoChan*
12:29:00	28 36.3	-80 12.8	-26.6	97.5	101.0	617	348.8	3.4	-0.6	956.6	49.8	22.0	17.8	15.2	15.2	NoChan*
12:29:00	28 36.4	-80 12.9	-27.0	97.5	101.2	622	NoChan*	21.7	-2.1	51.7	55.2	0.1	-3.8	50.0	50.0	82.5
12:29:00	0 0.0	0 0.0	294.7	326.4	483	0	NoChan*	-11.7	-3.4	50.2	52.6	0.0	174.0	128.9	10.3	92.7

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
12:29:30	28 37.1	-80 13.3	-75.6	72.6	104.8	613	312.7*	4.6	-41.2*	954.7	52.3	22.1	17.8	14.6	14.6	NoChan*
12:29:30	28 37.8	-80 13.3	-74.2	73.0	104.0	622	312.7*	4.5	-41.4*	956.4	52.3	22.4	17.9	15.0	15.0	NoChan*
12:29:30	28 38.0	-80 13.5	-73.9	73.7	104.4	625	NoChan*	28.3	1.3	54.6	58.8	-0.8	-4.9	50.0	50.0	82.5
12:29:30	0 0.0	0 0.0	294.7	326.3	485	0	NoChan*	-16.3	-5.6	52.5	54.4	0.0	178.2	131.3	9.8	95.0
12:30:00	28 36.6	-80 14.6	10.4	-99.8	100.4	614	169.2*	3.4	-40.1*	954.2	65.2	23.1	17.7	14.2	14.2	NoChan*
12:30:00	28 37.3	-80 14.7	11.9	-99.3	100.0	622	169.5*	3.3	-40.3*	956.3	65.2	22.8	17.3	14.7	14.7	NoChan*
12:30:00	28 37.4	-80 14.8	10.9	-99.5	100.1	632	NoChan*	23.0	-0.2	67.6	72.3	-0.3	-5.4	50.0	50.0	81.2
12:30:00	0 0.0	0 0.0	294.6	325.5	485	0	NoChan*	-15.7	-5.2	65.6	67.5	0.1	198.6	119.5	8.9	105.8
12:30:30	28 35.0	-80 14.2	23.5	-94.6	97.5	612	164.3	1.9	-1.7	953.4	63.2	23.0	17.7	14.2	14.2	NoChan*
12:30:30	28 35.8	-80 14.2	25.0	-94.2	97.4	621	164.0	1.9	-1.8	956.3	63.3	22.7	17.4	14.6	14.6	NoChan*
12:30:30	28 35.9	-80 14.4	24.8	-94.2	97.4	624	NoChan*	13.0	-8.2	65.0	69.3	-0.6	-5.5	50.0	50.0	80.5
12:30:30	0 0.0	0 0.0	294.6	325.4	485	0	NoChan*	-14.4	-4.0	63.6	66.4	0.0	195.6	127.5	8.4	104.2
12:31:00	28 33.5	-80 13.8	24.3	-93.2	96.3	610	163.4	2.2	-0.9	953.7	60.5	22.8	17.8	14.0	14.0	NoChan*
12:31:00	28 34.2	-80 13.7	25.8	-92.8	96.3	618	163.2	2.1	-1.0	956.5	60.6	22.5	17.4	14.5	14.5	NoChan*
12:31:00	28 34.4	-80 13.9	25.6	-92.8	96.3	622	NoChan*	14.3	-8.1	62.5	66.6	-1.1*	-5.8	50.0	50.0	79.6
12:31:00	0 0.0	0 0.0	294.6	325.1	483	0	NoChan*	-11.2	-3.1	61.0	63.8	0.0	191.5	123.2	7.5	102.0
12:31:30	28 32.0	-80 13.3	24.9	-93.8	97.0	611	162.9	2.1	-0.6	953.5	62.3	22.9	17.7	13.8	13.8	NoChan*
12:31:30	28 32.7	-80 13.3	26.4	-93.3	97.0	620	163.0	2.0	-0.7	956.4	62.4	22.6	17.4	14.4	14.4	NoChan*
12:31:30	28 32.9	-80 13.4	26.2	-93.4	96.9	623	NoChan*	12.9	-7.4	64.4	68.4	-1.1	-5.9	50.0	50.0	79.0
12:31:30	0 0.0	0 0.0	294.6	324.7	484	0	NoChan*	-11.4	-2.9	62.7	65.6	0.0	194.2	124.0	8.3	103.4
12:32:00	28 30.4	-80 12.9	24.8	-94.8	97.9	612	162.9	2.0	-0.6	953.3	63.4	22.9	17.7	14.1	14.1	NoChan*
12:32:00	28 31.2	-80 12.8	26.3	-94.3	97.9	621	163.1	1.9	-0.7	956.3	63.5	22.7	17.3	14.6	14.6	NoChan*
12:32:00	28 31.3	-80 12.9	26.1	-94.3	97.9	624	NoChan*	12.0	-7.2	65.4	69.6	-0.5	-5.5	50.0	50.0	80.6
12:32:00	0 0.0	0 0.0	294.6	325.2	485	0	NoChan*	-12.7	-3.3	63.8	66.7	0.0	195.9	120.6	8.7	104.3
12:32:30	28 28.9	-80 12.4	26.2	-95.5	99.0	602	163.0	2.3	-1.5	954.4	64.4	23.1	17.7	14.2	14.2	NoChan*
12:32:30	28 29.7	-80 12.3	27.6	-95.1	99.0	611	162.8	2.2	-1.6	957.4	64.4	22.9	17.4	14.7	14.7	NoChan*
12:32:30	28 29.8	-80 12.5	27.4	-95.1	99.0	615	NoChan*	11.8	-6.5	66.2	70.6	-1.0	-6.0	50.0	50.0	80.6
12:32:30	0 0.0	0 0.0	294.5	325.3	476	0	NoChan*	-15.0	-4.2	64.8	67.7	0.0	197.3	124.0	7.8	105.1
12:33:00	28 27.3	-80 11.9	25.6	-95.0	98.4	600	163.1	2.1	-1.1	954.8	62.6	23.0	17.8	13.9	13.9	NoChan*
12:33:00	28 28.1	-80 11.8	27.0	-94.6	98.4	608	163.0	2.1	-1.2	957.7	62.7	22.7	17.5	14.5	14.5	NoChan*
12:33:00	28 28.2	-80 12.0	26.9	-94.6	98.3	612	NoChan*	12.5	-7.1	64.5	68.7	-0.3	-5.2	50.0	50.0	79.0
12:33:00	0 0.0	0 0.0	294.6	324.8	473	0	NoChan*	-14.1	-3.8	63.0	65.9	0.0	194.7	119.4	7.3	103.6
12:33:30	28 25.8	-80 11.4	25.9	-95.4	98.8	601	162.9	2.1	-0.8	954.7	63.3	23.0	17.8	13.8	13.8	NoChan*
12:33:30	28 26.6	-80 11.3	27.3	-95.0	98.8	609	162.9	2.0	-0.8	957.6	63.4	22.8	17.5	14.3	14.3	NoChan*
12:33:30	28 26.7	-80 11.5	27.2	-95.0	98.8	614	NoChan*	11.8	-6.9	65.4	69.5	-0.3	-5.2	50.0	50.0	78.5
12:33:30	0 0.0	0 0.0	294.6	324.6	474	0	NoChan*	-11.9	-3.0	63.8	66.7	0.0	195.8	121.0	7.3	104.2
12:34:00	28 24.2	-80 11.0	26.2	-96.9	100.4	601	163.0	2.1	-0.8	954.7	64.3	23.3	18.0	12.9	12.9	NoChan*
12:34:00	28 25.0	-80 10.8	27.6	-96.5	100.4	609	163.2	2.0	-0.9	957.7	64.4	23.1	17.6	13.4	13.4	NoChan*
12:34:00	28 25.2	-80 11.0	27.5	-96.6	100.4	612	NoChan*	11.6	-6.5	66.4	70.6	-0.4	-5.4	50.0	50.0	73.1
12:34:00	0 0.0	0 0.0	294.7	323.1	473	0	NoChan*	-12.6	-3.2	64.8	67.7	0.0	197.3	116.7	6.8	105.0

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
12:34:30	28 22.7	-80 10.5	27.1	-97.9	101.6	604	163.5	1.8	-0.8	954.3	66.9	23.5	17.9	12.2	12.2	NoChan*
12:34:30	28 23.5	-80 10.3	28.4	-97.5	101.6	612	163.2	1.7	-0.9	957.4	67.0	23.3	17.7	12.8	12.8	NoChan*
12:34:30	28 23.6	-80 10.5	28.3	-97.6	101.6	614	NoChan*	10.2	-6.7	69.0	73.3	-1.4	-6.6	50.0	50.0	69.7
12:34:30	0 0.0	0 0.0	294.7	321.9	476	0	NoChan*	-13.0	-3.4	67.4	70.5	0.0	201.2	130.1	6.6	107.1
12:35:00	28 21.1	-80 10.0	27.1	-98.4	102.0	604	163.0	1.7	-0.7	954.2	67.7	23.5	17.9	12.7	12.7	NoChan*
12:35:00	28 21.9	-80 9.8	28.4	-98.0	102.1	612	162.8	1.7	-0.7	957.3	67.8	23.4	17.6	13.0	13.0	NoChan*
12:35:00	28 22.0	-80 9.9	28.3	-98.1	102.1	611	NoChan*	9.8	-7.2	69.9	74.1	-0.2	-5.5	50.0	50.0	72.2
12:35:00	0 0.

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
12:39:30	28 29.9	-80 11.1	-27.3	96.7	100.5	601	349.6	3.3	-0.4	955.3	50.9	22.3	18.0	13.7	13.7	NoChan*
12:39:30	28 30.7	-80 10.6	-26.2	97.1	100.6	608	349.2	3.2	-0.5	957.7	51.0	22.2	17.9	14.2	14.2	NoChan*
12:39:30	28 30.8	-80 10.8	-26.3	97.1	100.6	610	NoChan*	21.2	-3.3	52.9	56.3	-0.7	-4.7	50.0	50.0	76.9
12:39:30	0 0.0	0 0.0	294.8	324.8	473	0	NoChan*	-11.5	-3.2	51.4	53.7	0.0	175.9	119.9	9.9	93.7
12:40:00	28 31.4	-80 11.6	-26.9	96.6	100.3	601	349.8	3.3	-0.3	955.1	50.2	22.1	17.9	14.1	14.1	NoChan*
12:40:00	28 32.3	-80 11.1	-25.8	97.0	100.4	609	349.7	3.3	-0.3	957.6	50.3	22.1	17.8	14.8	14.8	NoChan*
12:40:00	28 32.4	-80 11.3	-25.9	97.0	100.4	614	NoChan*	21.8	-3.0	52.2	55.6	-1.1	-5.0	50.0	50.0	79.4
12:40:00	0 0.0	0 0.0	294.7	325.5	474	0	NoChan*	-11.7	-3.4	50.6	53.0	0.0	174.7	121.7	10.2	93.0
12:40:30	28 33.0	-80 12.0	-25.9	98.3	101.7	601	349.4	3.2	-0.6	955.1	51.3	22.2	17.9	14.3	14.3	NoChan*
12:40:30	28 33.9	-80 11.6	-24.9	98.7	101.8	610	349.5	3.1	-0.6	957.5	51.4	22.0	17.6	14.9	14.9	NoChan*
12:40:30	28 34.0	-80 11.8	-25.0	98.8	101.9	613	NoChan*	19.8	-3.0	53.3	56.7	0.0	-4.0	50.0	50.0	80.7
12:40:30	0 0.0	0 0.0	294.7	325.8	475	0	NoChan*	-11.5	-3.2	51.7	54.2	0.0	176.6	132.0	9.3	94.0
12:41:00	28 34.6	-80 12.6	-29.6	98.5	102.8	603	347.5	3.1	-0.2	954.9	52.6	22.4	18.0	14.2	14.2	NoChan*
12:41:00	28 35.5	-80 12.1	-28.6	98.9	102.9	612	347.7	2.9	-0.2	957.4	52.7	22.2	17.7	14.7	14.7	NoChan*
12:41:00	28 35.6	-80 12.3	-28.6	98.9	102.9	617	NoChan*	18.8	-2.7	54.7	58.2	-0.5	-4.6	50.0	50.0	79.4
12:41:00	0 0.0	0 0.0	294.8	325.7	476	0	NoChan*	-11.6	-3.3	53.1	55.4	0.0	178.8	128.9	9.4	95.3
12:41:30	28 36.2	-80 13.1	-28.1	99.5	103.4	603	348.1	3.2	0.2	955.1	52.5	22.3	17.9	14.1	14.1	NoChan*
12:41:30	28 37.1	-80 12.6	-27.1	99.9	103.5	611	347.8	3.1	0.1	957.6	52.6	22.1	17.6	14.7	14.7	NoChan*
12:41:30	28 37.2	-80 12.8	-27.1	99.9	103.6	612	NoChan*	20.0	-2.4	54.6	58.1	-0.5	-4.6	50.0	50.0	79.5
12:41:30	0 0.0	0 0.0	294.7	325.3	474	0	NoChan*	-11.7	-3.2	52.9	55.4	0.0	178.6	136.0	9.5	95.1
12:42:00	28 37.8	-80 13.6	-27.8	100.2	104.0	605	348.8	2.9	-1.1	954.8	53.2	22.2	17.8	14.8	14.8	NoChan*
12:42:00	28 38.7	-80 13.1	-26.8	100.6	104.1	613	348.6	2.9	-1.1	957.3	53.3	22.0	17.5	15.4	15.4	NoChan*
12:42:00	28 38.8	-80 13.3	-26.9	100.7	104.2	617	NoChan*	19.0	-2.5	55.3	58.8	0.4	-3.8	50.0	50.0	83.7
12:42:00	0 0.0	0 0.0	294.6	326.7	477	0	NoChan*	-11.5	-3.2	53.7	56.1	0.0	179.7	131.7	10.0	95.7
12:42:30	28 39.5	-80 14.1	-27.8	98.8	102.7	600	348.5	3.2	-1.0	955.3	51.7	22.2	17.9	14.8	14.8	NoChan*
12:42:30	28 40.4	-80 13.6	-26.8	99.2	102.8	609	348.6	3.1	-1.1	957.7	51.7	22.0	17.6	15.3	15.3	NoChan*
12:42:30	28 40.5	-80 13.8	-26.8	99.3	102.8	610	NoChan*	19.7	-2.7	53.6	57.0	-1.2	-5.2	50.0	50.0	83.1
12:42:30	0 0.0	0 0.0	294.6	326.6	473	0	NoChan*	-11.8	-3.3	52.1	54.5	0.0	177.2	133.3	9.8	94.4
12:43:00	28 41.0	-80 14.6	-27.0	96.6	100.3	602	348.4	3.5	0.9*	955.2	48.6	22.0	17.9	14.8	14.8	NoChan*
12:43:00	28 42.0	-80 14.1	-26.1	96.9	100.4	609	348.5	3.4	0.8*	957.6	48.6	22.0	17.9	15.2	15.2	NoChan*
12:43:00	28 42.1	-80 14.3	-26.2	97.0	100.5	615	NoChan*	21.7	-3.0	50.7	53.8	-1.5	-5.3	50.0	50.0	82.9
12:43:00	0 0.0	0 0.0	294.7	326.6	474	0	NoChan*	-8.2	-2.2	49.0	51.3	0.0	171.9	134.1	10.3	91.5
12:43:30	28 42.2	-80 14.0	91.2	11.6	91.9	610	89.7*	1.9	26.8*	953.5	55.7	22.5	17.9	14.2	14.2	NoChan*
12:43:30	28 43.2	-80 13.4	92.1	12.0	92.9	618	89.5*	1.8	26.8*	956.9	55.8	22.3	17.6	14.6	14.6	NoChan*
12:43:30	28 43.3	-80 13.6	92.1	12.6	93.0	618	NoChan*	20.8	0.3	58.4	62.0	-0.8	-5.2	50.0	50.0	79.7
12:43:30	0 0.0	0 0.0	294.7	325.5	480	0	NoChan*	-10.5	-2.5	56.2	59.7	0.0	183.9	138.3	10.0	97.9
12:44:00	28 41.3	-80 12.7	15.1	-101.8	102.9	609	170.2*	1.6	28.7*	953.2	69.5	23.7	18.0	14.5	14.5	NoChan*
12:44:00	28 42.2	-80 12.2	16.0	-101.4	102.7	616	170.2*	1.4	28.6*	957.4	69.6	23.6	17.7	15.0	15.0	NoChan*
12:44:00	28 42.4	-80 12.4	16.6	-101.4	102.8	617	NoChan*	13.2	-6.5	71.7	76.4	-0.5	-5.9	50.0	50.0	80.8
12:44:00	0 0.0	0 0.0	294.8	326.2	476	0	NoChan*	-17.2	-4.1	69.9	74.0	0.0	204.9	124.2	8.9	109.1

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
12:44:30	28 39.7	-80 12.7	-0.1	-99.6	99.6	604	177.1	2.1	-0.7	954.6	63.3	23.2	18.0	14.6	14.6	NoChan*
12:44:30	28 40.6	-80 12.1	0.7	-99.3	99.3	613	176.9	2.0	-0.8	957.6	63.4	23.0	17.7	15.1	15.1	NoChan*
12:44:30	28 40.7	-80 12.3	0.8	-99.3	99.3	615	NoChan*	11.6	-9.6	65.4	69.5	-0.8	-5.7	50.0	50.0	81.5
12:44:30	0 0.0	0 0.0	294.7	326.3	474	0	NoChan*	-12.2	-3.1	63.7	66.6	0.0	195.7	122.3	8.2	104.2
12:45:00	28 38.2	-80 13.4	-55.5	-86.6	102.8	600	209.4	2.0	-0.8	955.1	63.5	23.0	17.8	14.6	14.6	NoChan*
12:45:00	28 39.1	-80 12.8	-54.8	-86.2	102.1	609	209.5	1.9	-0.9	958.0	63.6	22.9	17.5	15.2	15.2	NoChan*
12:45:00	28 39.2	-80 13.0	-54.7	-86.4	102.3	613	NoChan*	12.6	-7.4	65.2	69.5	-0.6	-5.5	50.0	50.0	82.9
12:45:00	0 0.0	0 0.0	294.5	326.2	470	0	NoChan*	-13.6	-3.7	63.9	66.8	0.0	196.0	131.5	7.9	104.3
12:45:30	28 36.7	-80 14.2	-25.6	-91.5	95.0	602	191.7*	3.1	-10.4	955.2	56.2	22.6	17.9	14.0	14.0	NoChan*
12:45:30	28 37.7	-80 13.6	-24.9	-91.1	94.5	611	191.9*	3.0	-10.4	957.6	56.3	22.3	17.6	14.6	14.6	NoChan*
12:45:30	28 37.8	-80 13.8	-25.0	-91.2	94.6	615	NoChan*	16.6	-6.6	58.0	62.0	-0.5	-4.9	50.0	50.0	78.7
12:45:30	0 0.0	0 0.0	294.7	325.1	474	0	NoChan*	-14.7	-4.7	56.6	58.9	0.0	184.6	125.6	8.7	98.3
12:46:00	28 35.2	-80 14.3	3.1	-98.8	98.9	609	178.3	2.2	-2.2*	954.2	62.2	23.0	17.9	13.9	13.9	NoChan*
12:46:00	28 36.1	-80 13.7	3.7	-98.5	98.6	617	178.4	2.1	-2.3*	957.4	62.3	22.9	17.7	14.5	14.5	NoChan*
12:46:00	28 36.2	-80 13.9	4.0	-98.6	98.6	619	NoChan*	11.5	-5.9	62.4	69.4	-0.4	-5.2	50.0	50.0	78.7
12:46:00	0 0.0	0 0.0	294.7	325.0	476	0	NoChan*	-37.6*	-12.5	61.9	66.0	0.0	194.1	122.6	7.5	103.3
12:46:30	28 33.6	-80 14.1	24.8	-96.8	100.0	599	160.6*	1.7	-2.7	954.1	65.6	23.2	17.8	14.1	14.1	NoChan*
12:46:30	28 34.5	-80 13.5	25.4	-96.5	99.8	609	160.4*	1.7	-2.8	957.7	65.7	23.0	17.5	14.6	14.6	NoChan*
12:46:30	28 34.6	-80 13.6	25.5	-96.6	99.9	614	NoChan*	10.8	-7.4	70.3	71.7	-0.5	-5.6	50.0	50.0	80.0
12:46:30	0 0.0	0 0.0	294.6	325.2	473	0	NoChan*	22.1	8.3	66.0	69.6	0.0	199.2	129.5	7.4	106.0
12:47:00	28 32.0	-80 13.6	28.6	-94.1	98.3	602	160.8	2.0	-0.7	954.6	62.8	23.1	17.9	14.0	14.0	NoChan*
12:47:00	28 33.0	-80 12.9	29.1	-93.7	98.2	612	160.7	1.9	-0.8	957.5	62.9	23.0	17.7	14.5	14.5	NoChan*
12:47:00	28 33.1	-80 13.1	29.3	-93.8	98.3	618	NoChan*	11.6	-8.6	64.9	68.9	-0.9	-5.8	50.0	50.0	78.4
12:47:00	0 0.0	0 0.0	294.7	325.1	475	0	NoChan*	-11.1	-2.7	63.3	66.1	0.0	195.0	117.1	7.7	103.8
12:47:30	28 30.5	-80 13.1	24.4	-96.7	99.7	605	166.0*	2.1	-1.0	954.4	62.8	23.2	18.0	13.7	13.7	NoChan*
12:47:30	28 31.5	-80 12.4	24.9	-96.3	99.5	613	166.1*	2.0	-1.0	957.6	62.9	23.1	17.8	14.3	14.3	NoChan*
12:47:30	28 31.6	-80 12.6	25.2	-96.4	99.7	618	NoChan*	10.7	-8.9	63.2	69.9	-0.7	-5.6	50.0	50.0	76.7
12:47:30	0 0.0	0 0.0	294.8	324.6	474	0	NoChan*	-34.9*	-11.5	62.6	66.6	0.0	195.0	111.4	6.8	103.8
12:48:00	28 28.9	-80 12.8	-10.9	-100.9	101.5	605	185.3*	2.2	28.7	953.5	63.6	23.1	17.9	13.9	13.9	NoChan*
12:48:00	28 29.9	-80 12.1	-10.4	-100.6	101.2	613	185.3*	2.1	28.6	957.4	63.7	22.9	17.5	14.4	14.4	NoChan*
12:48:00	28 30.0	-80 12.3	-9.5	-100.9	101.4	618	NoChan*	20.4	-5.4	65.5	70.2	-0.8	-5.8	50.0	50.0	78.4
12:48:00	0 0.0	0 0.0	294.7	324.9	476	0	NoChan*	-17.1	-4.9	64.0	67.8	0.0	196.2	120.3	6.8	104.5
12:48:30	28 27.4	-80 13.2	24.7	-92.8	96.0	604	162.9*	3.4*	-23.0*	955.2	59.8	22.9	17.9	14.0	14.0	NoChan*
12:48:30	28 28.3	-80 12.5	25.0	-92.5	95.8	612	162.9*	3.4*	-23.2*	957.5	59.9	22.6	17.5	14.6	14.6	NoChan*
12:48:30	28 28.4	-80 12.7	24.5	-92.5	95.7	617	NoChan*	17.7	-5.4	61.7	66.2	-0.9	-5.6	50.0	50.0	79.2
12:48:30	0 0.0	0 0.0	294.7	325.2	475	0	NoChan*	-16.6	-5.7	60.2	62.4	0.0	190.5	125.2	6.9	101.4
12:49:00	28 25.9	-80 12.4	55.0	-84.1	100.5	603	144.6	1.7	-2.1*	954.1	66.3	23.3	17.8	13.0	13.0	NoChan*
12:49:00	28 26.9	-80 11.7	55.4	-83.8	100.5	612	144.4	1.7	-2.2*	957.4	66.4	23.1	17.5	13.5	13.5	NoChan*
12:49:00	28 27.0	-80 11.9	55.6	-83.9	100.7	618	NoChan*	10.0	-6.7	70.2	72.5	-0.9	-6.0	50.0	50.0	74.4
12:49:00	0 0.0	0 0.0	294.6	323.2	476	0	NoChan*	12.7	4.8	66.8	70.0	0.0	200.2	137.4	6.1	106.6

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
12:49:30	28 24.6	-80 11.3	62.7	-78.6	100.6	603	141.9	1.8	0.3	954.4	66.8	23.4	17.9	12.4	12.4	NoChan*
12:49:30	28 25.6	-80 10.6	63.0	-78.4	100.5	613	141.9	1.7	0.3	957.5	66.9	23.3	17.7	13.2	13.2	NoChan*
12:49:30	28 25.7	-80 10.8	63.4	-78.4	100.8	615	NoChan*	9.8	-7.2	68.8	73.2	-0.6	-5.8	50.0	50.0	71.1
12:49:30	0 0.0	0 0.0	294.7	322.2	475	0	NoChan*	-14.2	-3.8	67.2	70.4	0.0	201.0	131.4	6.5	107.0
12:50:00	28 23.3	-80 10.2	53.1	-84.2	99.5	606	148.6	1.8	0.6	954.3	64.9	23.2	17.8	12.9	12.9	NoChan*
12:50:00	28 24.3	-80 9.5	53.4	-83.9	99.4	614	148.8	1.7	0.5	957.4	65.0	23.1	17.6	13.6	13.6	NoChan*
12:50:00	28 24.4	-80 9.7	53.7	-84.0	99.7	617	NoChan*	10.8	-8.0	66.3	71.4	-0.6	-5.6	50.0	50.0	73.9
12:50:00	0 0.0	0 0.0	294.6	323.0	476	0	NoChan*	-20.9	-6.2	65.2	68.5	0.0	198.2	131.9	6.2	105.5
12:50:30	28 21.9	-80 9.3	48.3	-88.5	100.8	605	151.1	1.5	0.5	954.2	66.9	23.3	17.8	13.2	13.2	NoChan*
12:50:30	28 22.9	-80 8.6	48.5	-88.2	100.7	613	150.9	1.4	0.4	957.4	67.0	23.2	17.5	13.3	13.3	NoChan*
12:50:30	28 23.0	-80 8.8	48.8	-88.3	100.9	616	NoChan*	9.6	-7.4	69.3	73.2	-1.5	-6.7	50.0	50.0	75.3
12:50:30	0 0.0	0 0.0	294.6	323.4	476	0	NoChan*	-9.4	-2.1	67.4	70.5	0.0	201.1	137.0	6.4	107.0
12:51:00	28 20.5	-80 8.4	46.0	-89.2	100.4	604	152.4	1.7	-0.9	954.4	66.2	23.5	18.0	12.4	12.4	NoChan*
12:51:00	28 21.5	-80 7.7	46.2	-88.9	100.2	612	152.2	1.6	-0.9	957.5	66.3	23.4	17.8	12.9	12.9	NoChan*
12:51:00	28 21.6	-80 7.9	46.5	-89.0	100.5	618	NoChan*	10.3	-7.7	68.3	72.4	-0.1	-5.2	50.0	50.0	70.3
12:51:00	0 0.0	0 0.0	294.8	322.2	475	0	NoChan*	-11.7	-2.9	66.6	69.7	0.0	200.1	135.1	6.4	106.5
12:51:30	28 19.0	-80 7.6	46.1	-87.2	98.7	603	151.6	2.0	-1.1	954.7	64.2	23.1	17.8	13.2	13.2	NoChan*
12:51:30	28 20.0	-80 6.9	46.2	-87.0	98.5	611	151.7	1.9	-1.1	957.6	64.3	23.0	17.5	13.3	13.3	NoChan*
12:51:30	28 20.1	-80 7.0	46.5	-87.1	98.8	618	NoChan*	10.6	-8.6	66.4	70.4	-0.1	-5.1	50.0	50.0	75.5
12:51:30	0 0.0	0 0.0	294.5	323.5	474	0	NoChan*	-10.6	-2.6	64.7	67.6	0.0	197.2	132.4	6.6	104.9
12:52:00	28 18.2	-80 6.3	95.2	41.1	103.7	603	68.9*	3.3	-41.4	956.0	65.0	23.6	18.2	10.1	10.1	NoChan*
12:52:00	28 19.2	-80 5.5	95.3	41.3	103.9	608	69.2*	3.3	-41.5	958.0	65.1	23.3	17.8	10.4	10.4	NoChan*
12:52:00	28 19.3	-80 5.7	96.0	40.4	104.1	613	NoChan*	24.7	-3.4	66.6	72.0	-0.3	-5.4	50.0	50.0	59.6
12:52:00	0 0.0	0 0.0	294.9	318.6	470	0	NoChan*	-21.7	-7.1	65.3	67.3	0.0	198.4	139.0	5.7	105.6
12:52:30	28 19.7	-80 6.1	-43.9	96.1	105.7	600	337.7	2.9	-2.9*	955.3	56.3	22.8	18.1	11.5	11.5	NoChan*
12:52:30	28 20.7	-80 5.3	-43.9	96.5	106.0	608	337.8	2.8	-3.0*	957.8	56.4	22.5	17.8	11.8	11.8	NoChan*
12:52:30	28 20.8	-80 5.5	-43.7	96.4	105.9	615	NoChan*	18.6	-6.0	58.1	61.9	-0.9	-5.3	50.0	50.0	65.8
12:52:30	0 0.0	0 0.0	294.9	320.8	472	0	NoChan*	-12.2	-3.5	56.8	59.4	0.0	184.9	137.8	7.6	98.4
12:53:00	28 21.1	-80 6.9	-56.0	82.8	99.9	606	326.8	3.6	-3.7*	954.9	49.0	21.7	17.6	14.4	14.4	NoChan*
12:53:00	28 22.2	-80 6.2	-56.0	83.1	100.2	614	326.9	3.4	-3.8*	957.2	49.0	21.8	17.6	14.8	14.8	NoChan*
12:53:00	28 22.3	-80 6.4	-55.8	83.0	100.0	618	NoChan*	20.6	-2.2	51.3	54.3	-0.5	-4.4	50.0	50.0	82.4
12:53:00	0 0.0	0 0.0	294.4	325.6	477	0	NoChan*	-6.4	-1.6	49.5	51.6	0.0	172.6	139.5	8.1	91.9
12:53:30	28 22.3	-80 8.3	-79.6	64.0	102.2	604	309.0*	3.0	4.7*	954.7	51.9	22.1	17.8	13.3	13.3	NoChan*
12:53:30	28 23.3	-80 7.5	-79.7	64.4	102.5	612	308.8*	2.9	4.6*	957.3	51.9	22.1	17.7	13.6	13.6	NoChan*
12:53:30	28 23.4	-80 7.7	-79.5	64.2	102.2	618	NoChan*	20.3	-0.8	54.4	57.4	-0.6	-4.6	50.0	50.0	75.8
12:53:30	0 0.0	0 0.0	294.6	323.7	477	0	NoChan*	-3.4	-0.5	52.4	54.8	0.0	177.5	131.0	7.7	94.5
12:54:00	28 23.2	-80 9.8	-87.9	49.2	100.8	601	299.0	3.4	-2.2	955.3	50.4	22.0	17.8	14.1	14.1	NoChan*
12:54:00	28 24.2	-80 9.1	-88.0	49.5	101.0	608	298.6	3.3	-2.3	957.7	50.5	22.1	17.8	15.1	15.1	NoChan*
12:54:00	28 24.3	-80 9.2	-87.8	49.4	100.8	615	NoChan*	21.0	-1.2	52.6	55.8	-0.6	-4.5	50.0	50.0	79.6
12:54:00	0 0.0	0 0.0	294.6	325.1	473	0	NoChan*	-7.5	-1.9	50.9	53.2	0.0	175.0	128.2	7.7	93.2

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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
12:54:30	28 24.2	-80 11.3	-70.4	69.2	98.7	603	316.1	3.5	0.7	955.1	47.8	21.9	17.9	12.8	12.8	NoChan*
12:54:30	28 25.2	-80 10.5	-70.5	69.5	99.0	611	316.1	3.4	0.7	957.5	47.9	21.9	17.8	13.5	13.5	NoChan*
12:54:30	28 25.3	-80 10.7	-70.4	69.4	98.8	616	NoChan*	21.9	-2.1	49.6	53.0	-1.3	-5.0	50.0	50.0	72.6
12:54:30	0 0.0	0 0.0	294.7	322.8	475	0	NoChan*	-12.1	-3.6	48.2	50.6	0.0	170.5	131.9	7.9	90.8
12:55:00	28 25.4	-80 12.5	-48.3	86.9	99.4	609	335.7*	2.4	15.0*	954.0	49.4	22.1	17.9	12.4	12.4	NoChan*
12:55:00	28 26.4	-80 11.7	-48.5	87.2	99.8	617	335.7*	2.3	14.9*	956.8	49.5	21.9	17.7	13.3	13.3	NoChan*
12:55:00	28 26.5	-80 11.9	-48.7	86.9	99.6	623	NoChan*	21.5	-1.5	50.6	55.2	0.6	-3.3	50.0	50.0	70.9
12:55:00	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
12:59:30	28 30.6	-80 13.5	25.3	-96.0	99.3	600	165.6	2.3	0.3	955.0	63.0	23.2	17.9	13.9	13.9	NoChan*
12:59:30	28 31.7	-80 12.8	24.9	-95.8	99.0	609	165.6	2.2	0.3	958.0	63.1	23.0	17.7	14.5	14.5	NoChan*
12:59:30	28 31.8	-80 12.9	25.4	-95.8	99.2	612	NoChan*	13.0	-6.1	64.1	69.5	-0.0	-4.9	50.0	50.0	78.3
12:59:30	0 0.0	0 0.0	294.7	324.9	470	0	NoChan*	-24.4	-7.8	63.2	66.5	0.0	195.4	129.8	5.7	104.0
13:00:00	28 29.1	-80 13.1	15.5	-98.6	99.8	606	170.8	1.9	-0.2	954.3	63.7	23.0	17.7	13.9	13.9	NoChan*
13:00:00	28 30.1	-80 12.5	15.1	-98.4	99.5	615	170.9	1.8	-0.3	957.3	63.8	22.9	17.5	14.4	14.4	NoChan*
13:00:00	28 30.2	-80 12.5	15.4	-98.5	99.7	619	NoChan*	10.0	-7.2	65.4	70.1	0.0	-4.9	50.0	50.0	78.9
13:00:00	0 0.0	0 0.0	294.5	324.7	476	0	NoChan*	-18.5	-5.5	64.0	67.2	0.0	196.4	136.2	5.7	104.6
13:00:30	28 27.4	-80 12.9	19.4	-100.7	102.6	604	168.4	1.7	-3.3	954.5	67.7	23.4	17.8	13.2	13.2	NoChan*
13:00:30	28 28.5	-80 12.2	18.9	-100.6	102.3	612	168.1	1.6	-3.4	957.6	67.8	23.3	17.6	13.8	13.8	NoChan*
13:00:30	28 28.6	-80 12.3	19.1	-100.7	102.5	613	NoChan*	9.0	-8.5	69.7	74.0	-0.4	-5.7	50.0	50.0	75.3
13:00:30	0 0.0	0 0.0	294.6	323.6	474	0	NoChan*	-13.3	-3.4	68.1	71.2	0.1	202.3	138.5	5.9	107.7
13:01:00	28 25.8	-80 12.4	19.9	-97.6	99.6	602	167.7*	1.9	3.9	954.6	64.2	23.2	17.9	12.8	12.8	NoChan*
13:01:00	28 26.9	-80 11.8	19.3	-97.4	99.3	611	167.6*	1.8	3.9	957.7	64.3	23.1	17.6	13.4	13.4	NoChan*
13:01:00	28 27.0	-80 11.8	19.8	-97.5	99.5	613	NoChan*	10.7	-9.4	66.2	70.4	-0.6	-5.6	50.0	50.0	72.7
13:01:00	0 0.0	0 0.0	294.6	322.7	473	0	NoChan*	-12.6	-3.2	64.6	67.7	0.0	197.1	136.1	6.2	104.9
13:01:30	28 24.2	-80 12.1	23.0	-95.1	97.9	603	165.3*	2.5	-7.8*	955.1	62.0	23.0	17.8	14.0	14.0	NoChan*
13:01:30	28 25.3	-80 11.5	22.3	-94.9	97.5	610	165.5*	2.4	-7.9*	957.8	62.1	22.8	17.6	15.0	15.0	NoChan*
13:01:30	28 25.4	-80 11.5	22.6	-95.1	97.8	612	NoChan*	12.8	-8.8	63.7	68.1	-0.3	-5.2	50.0	50.0	79.1
13:01:30	0 0.0	0 0.0	294.6	325.0	473	0	NoChan*	-14.9	-4.6	62.4	64.9	0.0	193.8	131.5	6.4	103.2
13:02:00	28 23.6	-80 10.9	67.9	77.4	102.9	605	42.5*	3.7	-44.6*	956.0	60.3	22.9	17.9	12.9	12.9	NoChan*
13:02:00	28 24.7	-80 10.3	67.3	77.5	102.6	611	42.8*	3.6	-44.7*	957.9	60.3	22.6	17.5	13.3	13.3	NoChan*
13:02:00	28 24.8	-80 10.4	68.5	76.8	102.9	609	NoChan*	28.6	1.0	62.7	67.2	-0.5	-5.2	50.0	50.0	73.4
13:02:00	0 0.0	0 0.0	294.6	323.0	472	0	NoChan*	-14.7	-5.0	60.6	62.5	0.0	191.1	145.8	5.3	101.7
13:02:30	28 25.0	-80 11.7	-85.3	60.6	104.6	606	304.5*	3.3	15.6*	954.1	54.8	22.3	17.7	13.8	13.8	NoChan*
13:02:30	28 26.1	-80 11.0	-86.0	60.8	105.3	613	304.4*	3.2	15.5*	957.3	54.9	22.0	17.4	15.1	15.1	NoChan*
13:02:30	28 26.1	-80 11.1	-86.1	60.2	105.0	619	NoChan*	18.2	-4.3	58.2	60.6	-0.6	-4.8	50.0	50.0	78.9
13:02:30	0 0.0	0 0.0	294.5	324.6	476	0	NoChan*	6.4	2.7	55.3	58.6	0.0	182.4	132.9	7.6	97.1
13:03:00	28 26.3	-80 12.8	-49.4	89.8	102.5	602	336.3*	3.1	0.3	955.1	51.9	22.3	18.0	12.8	12.8	NoChan*
13:03:00	28 27.4	-80 12.2	-50.1	90.1	103.1	610	336.4*	3.0	0.2	957.8	52.0	22.1	17.6	13.3	13.3	NoChan*
13:03:00	28 27.4	-80 12.2	-50.0	90.0	102.9	615	NoChan*	19.8	-4.7	51.8	58.3	-0.4	-4.5	50.0	50.0	72.4
13:03:00	0 0.0	0 0.0	294.7	322.9	472	0	NoChan*	-34.6*	-11.6	51.7	55.5	0.0	177.6	137.9	8.2	94.6
13:03:30	28 27.8	-80 13.4	-12.9	96.8	97.6	611	0.1	3.4	0.4	954.2	47.6	21.9	17.9	13.1	13.1	NoChan*
13:03:30	28 28.9	-80 12.8	-13.6	97.0	98.0	619	359.8	3.4	0.3	957.2	47.6	21.7	17.6	13.7	13.7	NoChan*
13:03:30	28 29.0	-80 12.8	-13.5	96.9	97.8	627	NoChan*	19.6	-2.3	47.3	54.3	-0.5	-4.2	50.0	50.0	74.4
13:03:30	0 0.0	0 0.0	294.7	323.5	477	0	NoChan*	-40.1*	-13.7	47.0	51.2	0.0	170.2	141.7	8.3	90.6
13:04:00	28 29.4	-80 13.4	11.2	100.1	100.7	611	13.3*	2.9	-1.6	954.1	52.2	22.3	17.9	13.7	13.7	NoChan*
13:04:00	28 30.5	-80 12.8	10.5	100.4	100.9	619	13.2*	2.8	-1.6	957.1	52.3	22.1	17.6	14.3	14.3	NoChan*
13:04:00	28 30.6	-80 12.8	10.8	100.2	100.8	625	NoChan*	17.7	-1.2	52.2	59.0	-0.7	-4.8	50.0	50.0	77.5
13:04:00	0 0.0	0 0.0	294.7	324.7	479	0	NoChan*	-37.3*	-12.7	51.8	55.7	0.0	178.1	148.7	7.6	94.8

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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
13:04:30	28 31.0	-80 13.2	-11.4	100.5	101.2	602	351.1*	2.8	-4.1	954.1	51.9	22.2	17.8	13.8	13.8	NoChan*
13:04:30	28 32.2	-80 12.7	-12.1	100.8	101.5	610	351.2*	2.7	-4.1	957.8	51.9	22.2	17.8	14.3	14.3	NoChan*
13:04:30	28 32.2	-80 12.7	-11.7	100.7	101.4	621	NoChan*	20.7	-1.5	57.1	58.1	-1.6	-5.6	50.0	50.0	78.3
13:04:30	0 0.0	0 0.0	294.6	324.6	472	0	NoChan*	30.7*	11.7	51.9	56.0	0.0	177.5	148.6	7.4	94.5
13:05:00	28 32.6	-80 13.8	-41.6	89.9	99.0	599	335.8	3.5	-0.2*	955.3	50.1	22.0	17.8	14.1	14.1	NoChan*
13:05:00	28 33.7	-80 13.2	-42.3	90.1	99.6	609	336.0	3.4	-0.3*	957.8	50.2	22.1	17.9	14.7	14.7	NoChan*
13:05:00	28 33.7	-80 13.2	-42.1	90.0	99.3	620	NoChan*	21.3	-1.4	52.9	55.6	-0.4	-4.3	50.0	50.0	79.7
13:05:00	0 0.0	0 0.0	294.6	325.2	472	0	NoChan*	-0.6	0.3	50.6	53.0	0.0	174.6	141.1	6.3	92.9
13:05:30	28 33.7	-80 15.0	-97.7	17.3	99.2	605	276.1*	3.9	-27.1	955.6	49.4	22.0	17.9	14.1	14.1	NoChan*
13:05:30	28 34.8	-80 14.4	-98.4	17.6	100.0	613	276.3*	3.9	-27.2	957.4	49.4	22.3	18.1	14.7	14.7	NoChan*
13:05:30	28 34.9	-80 14.5	-98.1	18.1	99.8	624	NoChan*	26.2	-0.1	51.8	55.0	-0.6	-4.5	50.0	50.0	79.6
13:05:30	0 0.0	0 0.0	294.7	325.4	475	0	NoChan*	-8.3	-2.5	49.8	51.8	0.0	173.3	133.0	8.4	92.3
13:06:00	28 32.9	-80 16.3	-6.1	-89.9	90.1	608	179.0*	3.7	-30.3	955.5	50.3	22.1	17.9	13.8	13.8	NoChan*
13:06:00	28 34.1	-80 15.7	-7.0	-89.7	90.0	616	179.3*	3.6	-30.4	957.2	50.3	22.3	18.1	14.4	14.4	NoChan*
13:06:00	28 34.1	-80 15.7	-7.5	-89.8	90.1	626	NoChan*	26.2	0.3	52.6	56.0	-0.4	-4.3	50.0	50.0	77.7
13:06:00	0 0.0	0 0.0	294.7	324.8	477	0	NoChan*	-9.9	-3.0	50.7	52.6	0.0	174.9	118.4	6.7	93.1
13:06:30	28 32.1	-80 15.1	96.7	22.2	99.2	607	78.4*	2.8	-32.0	955.4	59.7	22.8	17.8	13.9	13.9	NoChan*
13:06:30	28 33.2	-80 14.6	96.0	22.3	98.6	615	78.7*	2.7	-32.1	957.3	59.8	22.5	17.5	14.4	14.4	NoChan*
13:06:30	28 33.3	-80 14.6	96.4	21.5	98.8	619	NoChan*	20.5	-0.7	62.2	66.2	-0.2	-4.9	50.0	50.0	78.6
13:06:30	0 0.0	0 0.0	294.6	324.8	476	0	NoChan*	-8.6	-2.6	60.2	62.4	0.0	190.3	141.4	4.6	101.3
13:07:00	28 33.5	-80 14.3	-28.1	105.6	109.3	603	346.2*	2.8	-26.3	955.5	61.4	22.9	17.8	14.1	14.1	NoChan*
13:07:00	28 34.6	-80 13.8	-28.9	105.9	109.7	612	346.4*	2.7	-26.4	957.6	61.5	22.7	17.5	14.7	14.7	NoChan*
13:07:00	28 34.6	-80 13.8	-28.1	105.9	109.5	620	NoChan*	17.9	-3.6	63.4	67.6	-0.5	-5.2	50.0	50.0	79.9
13:07:00	0 0.0	0 0.0	294.6	325.3	474	0	NoChan*	-12.2	-3.8	61.8	64.0	0.0	192.9	144.5	7.1	102.7
13:07:30	28 34.5	-80 15.8	-106.7	5.4	106.8	603	269.7*	3.2	-25.7	955.8	57.4	22.7	18.0	14.3	14.3	NoChan*
13:07:30	28 35.7	-80 15.3	-107.4	5.6	107.5	611	269.8*	3.1	-25.8	957.8	57.5	22.5	17.6	14.8	14.8	NoChan*
13:07:30	28 35.7	-80 15.3	-107.2	6.0	107.4	621	NoChan*	20.4	-4.1	59.5	63.4	-0.5	-5.0	50.0	50.0	80.0
13:07:30	0 0.0	0 0.0	294.7	325.7	472	0	NoChan*	-12.6	-4.0	57.9	60.0	0.0	186.6	126.8	9.1	99.4
13:08:00	28 33.7	-80 17.1	-16.6	-94.3	95.7	604	185.7*	3.4	-29.5	955.9	55.7	22.6	17.9	13.8	13.8	NoChan*
13:08:00	28 34.8	-80 16.7	-17.3	-94.0	95.6	611	185.8*	3.3	-29.6	957.7	55.7	22.4	17.7	14.4	14.4	NoChan*
13:08:00	28 34.8	-80 16.7	-17.7	-94.1	95.8	623	NoChan*	22.3	-3.3	57.8	61.6	-0.5	-4.8	50.0	50.0	77.8
13:08:00	0 0.0	0 0.0	294.7	324.8	473	0	NoChan*	-12.4	-3.8	56.1	57.8	0.0	183.8	117.5	6.5	97.9
13:08:30	28 32.6	-80 16.2	92.3	0.2	92.3	604	90.7*	3.7	-28.8	956.0	52.3	22.3	17.9	14.0	14.0	NoChan*
13:08:30	28 33.8	-80 15.8	91.6	0.4	91.6	611	90.9*	3.6	-28.9	957.8	52.4	22.3	17.9	14.6	14.6	NoChan*
13:08:30	28 33.8	-80 15.7	91.8	-0.3	91.8	622	NoChan*	25.9	-1.8	54.5	58.2	-0.6	-4.7	50.0	50.0	78.9
13:08:30	0 0.0	0 0.0	294.7	325.1	472	0	NoChan*	-10.8	-3.3	52.7	54.5	0.0	178.3	138.5	3.9	94.9
13:09:00	28 33.4	-80 14.7	73.3	70.9	102.0	608	49.2*	2.1	-3.7*	954.4	59.7	22.6	17.7	14.1	14.1	NoChan*
13:09:00	28 34.6	-80 14.3	72.6	71.1	101.6	617	49.0*	2.0	-3.8*	957.1	59.8	22.5	17.4	14.6	14.6	NoChan*
13:09:00	28 34.6	-80 14.3	72.9	71.0	101.7	630	NoChan*	12.4	-4.3	62.4	65.8	-0.0	-4.7	50.0	50.0	80.3
13:09:00	0 0.0	0 0.0	294.5	325.0	478	0	NoChan*	-3.9	-0.5	60.3	62.8	0.0	190.2	144.4	5.9	101.3

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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
13:09:30	28 35.0	-80 14.5	-40.1	96.8	104.8	598	339.3*	3.1	-0.6	955.2	54.2	22.6	18.0	14.2	14.2	NoChan*
13:09:30	28 36.1	-80 14.1	-40.8	97.0	105.2	609	339.0*	3.1	-0.6	957.9	54.2	22.3	17.7	14.7	14.7	NoChan*
13:09:30	28 36.2	-80 14.0	-41.1	96.8	105.2	618	NoChan*	16.1	-5.0	57.5	59.7	-0.6	-4.8	50.0	50.0	79.1
13:09:30	0 0.0	0 0.0	294.8	325.6	471	0	NoChan*	8.0	3.0	54.7	57.8	0.0	181.3	125.5	9.8	96.6
13:10:00	28 36.5	-80 15.1	-16.0	96.3	97.6	614	359.8	3.2	8.4	953.8	46.8	21.9	18.0	14.6	14.6	NoChan*
13:10:00	28 37.7	-80 14.7	-16.7	96.5	97.9	622	359.6	3.2	8.4	956.8	46.8	21.7	17.8	15.2	15.2	NoChan*
13:10:00	28 37.7	-80 14.7	-16.8	96.4	97.8	630	NoChan*	20.7	-2.8	47.1	53.3	-0.6	-4.3	50.0	50.0	81.3
13:10:00	0 0.0	0 0.0	294.9	326.5	480	0	NoChan*	-33.7*	-11.4	46.5	50.4	0.0	168.7	129.0	10.7	89.9
13:10:30	28 38.1	-80 14.9	30.1	94.5	99.2	608	25.9*	2.8	-1.4	954.7	52.8	22.4	18.0	14.6	14.6	NoChan*
13:10:30	28 39.3	-80 14.5	29.4	94.7	99.2	617	26.0*	2.7	-1.5	957.3	52.9	22.2	17.7	15.2	15.2	NoChan*
13:10:30	28 39.3	-80 14.5	29.7	94.6	99.1	620	NoChan*	17.2	-1.3	53.7	59.0	-0.4	-4.5	50.0	50.0	81.7
13:10:30	0 0.0	0 0.0	294.8	326.5	477	0	NoChan*	-26.4	-8.9	52.9	56.2	0.0	179.1	132.7	9.9	95.4
13:11:00	28 39.7	-80 14.5	9.9	102.3	102.7	606	10.7*	2.6	-2.3*	955.0	55.9	22.6	17.9	15.0	15.0	NoChan*
13:11:00	28 40.8	-80 14.1	9.2	102.4	102.8	614	10.8*	2.5	-2.4*	957.5	56.0	22.4	17.6	15.5	15.5	NoChan*
13:11:00	28 40.9	-80 14.0	9.3	102.4	102.8	617	NoChan*	17.2	-1.7	57.7	61.7	-0.1	-4.5	50.0	50.0	83.9
13:11:00	0 0.0	0 0.0	294.7	327.1	475	0	NoChan*	-13.5	-4.2	56.3	58.6	0.0	184.2	130.8	8.5	98.1
13:11:30	28 41.3	-80 14.3	5.8	101.3	101.5	604	8.1	2.8	-1.5	955.1	54.1	22.4	17.9	15.0	15.0	NoChan*
13:11:30	28 42.5	-80 13.9	5.1	101.5	101.6	612	7.7	2.8	-1.6	957.7	54.1	22.2	17.6	15.5	15.5	NoChan*
13:11:30	28 42.5	-80 13.9	5.3	101.4	101.6	616	NoChan*	17.6	-2.6	56.0	59.7	-0.9	-5.1	50.0	50.0	84.0
13:11:30	0 0.0	0 0.0	294.7	327.0	473	0	NoChan*	-11.4	-3.3	54.5	57.0	0.0	181.2	132.3	8.3	96.5
13:12:00	28 42.9	-80 14.1	52.2	78.9	94.6	609	39.7*	3.7	29.3	953.8	50.3	22.2	18.0	14.9	14.9	NoChan*
13:12:00	28 44.1	-80 13.8	51.6	79.0	94.4	617	39.5*	3.6	29.2	957.4	50.3	22.4	18.1	15.5	15.5	NoChan*
13:12:00	28 44.1	-80 13.8	51.3	79.4	94.5	617	NoChan*	25.2	-1.0	53.5	56.1	-0.6	-4.5	50.0	50.0	83.4
13:12:00	0 0.0	0 0.0	294.8	327.1	476	0	NoChan*	1.0	1.3	50.7	54.3	0.0	174.9	136.5	8.0	93.1
13:12:30	28 43.1	-80 12.7	62.0	-63.4	88.7	613	137.5*	3.2	29.0*	953.5	52.5	22.3	17.9	14.8	14.8	NoChan*
13:12:30	28 44.2	-80 12.4	61.2	-63.3	88.1	620	137.4*	3.1	28.8*	957.0	52.6	22.4	17.9	15.3	15.3	NoChan*
13:12:30	28 44.3	-80 12.3	62.0	-62.9	88.4	624	NoChan*	25.4	0.5	55.6	58.6	-0.6	-4.7	50.0	50.0	83.2
13:12:30	0 0.0	0 0.0	294.7	326.9	479	0	NoChan*	-3.7	-0.2	53.0	56.4	0.0	178.6	136.5	6.5	95.2
13:13:00	28 41.6	-80 12.4	9.4	-97.4	97.9	608	172.6	2.1	0.8	954.6	61.5	23.1	18.0	14.7	14.7	NoChan*
13:13:00	28 42.8	-80 12.0	8.6	-97.3	97.7	617	172.5	2.0	0.7	957.5	61.6	23.0	17.8	15.3	15.3	NoChan*
13:13:00	28 42.8	-80 12.0	8.8	-97.4	97.8	620	NoChan*	11.6	-4.8	63.4	67.7	-0.2	-5.0	50.0	50.0	82.5
13:13:00	0 0.0	0 0.0	294.7	326.7	475	0	NoChan*	-14.6	-4.0	61.9	64.9	0.0	193.1	124.8	7.4	102.8
13:13:30	28 40.0	-80 12.2	12.0	-99.7	100.5	609	171.0	1.8	-0.9	954.5	64.7	23.4	18.0	14.5	14.5	NoChan*
13:13:30	28 41.2	-80 11.9	11.2	-99.6	100.2	618	171.1	1.7	-1.0	957.5	64.8	23.3	17.8	15.0	15.0	NoChan*
13:13:30	28 41.2	-80 11.8	11.4	-99.7	100.4	620	NoChan*	10.1	-6.7	66.3	71.0	-0.7	-5.7	50.0	50.0	80.8
13:13:30	0 0.0	0 0.0	294.8	326.2	475	0	NoChan*	-17.9	-5.2	65.0	68.1	0.1	197.9	118.7	8.1	105.4
13:14:00	28 38.4	-80 12.0	14.1	-98.3	99.3	608	169.8	1.9	-1.9	954.6	64.1	23.3	18.0	14.2	14.2	NoChan*
13:14:00	28 39.6	-80 11.7	13.3	-98.2	99.1	616	170.0	1.8	-2.0	957.6	64.1	23.2	17.8	14.8	14.8	NoChan*
13:14:00	28 39.6	-80 11.6	13.4	-98.3	99.2	619	NoChan*	10.8	-7.2	65.7	70.2	-0.7	-5.7	50.0	50.0	79.5
13:14:00	0 0.0	0 0.0	294.8	325.7	474	0	NoChan*	-16.6	-4.8	64.4	67.7	0.0	196.9	123.0	8.1	104.9

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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
13:14:30	28 36.8	-80 11.7	7.4	-99.5	99.8	608	173.9	1.9	-1.9	954.6	63.4	23.2	18.0	14.7	14.7	NoChan*
13:14:30	28 38.0	-80 11.4	6.5	-99.4	99.6	617	173.7	1.8	-2.1	957.5	63.5	23.1	17.8	15.3	15.3	NoChan*
13:14:30	28 38.0	-80 11.4	6.6	-99.5	99.7	618	NoChan*	10.4	-7.7	64.8	69.7	-0.3	-5.3	50.0	50.0	82.1
13:14:30	0 0.0	0 0.0	294.7	326.6	474	0	NoChan*	-20.5	-6.3	63.7	66.8	0.0	195.9	120.0	7.8	104.3
13:15:00	28 35.2	-80 11.5	15.4	-98.8	100.0	610	170.0	1.7	-1.1	954.4	65.4	23.3	17.9	14.3	14.3	NoChan*
13:15:00	28 36.4	-80 11.2	14.6	-98.7	99.8	618	169.9	1.6	-1.2	957.3	65.5	23.2	17.7	14.8	14.8	NoChan*
13:15:00	28 36.4	-80 11.2	14.8	-98.8	100.0	617	NoChan*	8.9	-7.6	67.2	71.7	0.5	-4.6	50.0	50.0	80.5
13:15:00	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
13:19:30	28 28.9	-80 7.8	-89.9	49.9	102.8	143	296.8*	3.8	-34.6	1009.4	57.2	26.7	22.1	15.4	15.4	NoChan*
13:19:30	28 30.1	-80 7.7	-90.8	50.1	103.7	147	297.0*	3.8	-34.7	1011.1	57.2	26.4	21.8	15.9	15.9	NoChan*
13:19:30	28 30.1	-80 7.6	-90.5	50.6	103.7	149	NoChan*	23.7	-4.3	59.0	63.4	-0.4	-4.6	50.0	50.0	66.2
13:19:30	0 0.0	0 0.0	294.3	325.7	18	0	NoChan*	-17.3	-5.8	57.5	59.5	0.0	186.2	145.7	6.3	97.3
13:20:00	28 29.0	-80 9.6	-98.9	-7.2	99.2	146	264.4	2.7	-1.3	*1008.0	54.8	26.3	21.9	15.7	15.7	NoChan*
13:20:00	28 30.2	-80 9.5	-99.8	-7.0	100.0	151	264.0	2.7	-1.4	*1010.5	54.9	26.0	21.6	16.3	16.3	NoChan*
13:20:00	28 30.2	-80 9.4	-99.8	-7.2	100.1	154	NoChan*	16.7	-5.3	57.2	60.4	-1.0	-5.1	50.0	50.0	68.3
13:20:00	0 0.0	0 0.0	294.2	326.3	23	0	NoChan*	-8.2	-2.3	55.3	57.8	0.0	182.4	126.3	5.2	95.2
13:20:30	28 28.8	-80 11.4	-98.4	-12.9	99.2	145	258.7	2.5	-0.7	1007.9	55.3	26.6	22.1	14.8	14.8	NoChan*
13:20:30	28 30.0	-80 11.3	-99.2	-12.6	100.0	150	258.5	2.4	-0.8	1010.6	55.4	26.3	21.8	15.3	15.3	NoChan*
13:20:30	28 30.0	-80 11.3	-99.3	-12.8	100.1	147	NoChan*	16.6	-5.3	58.4	61.1	0.2	-3.9	50.0	50.0	63.4
13:20:30	0 0.0	0 0.0	294.4	324.7	22	0	NoChan*	2.5	1.3	55.9	58.4	0.0	183.3	138.3	6.5	95.7
13:21:00	28 28.6	-80 13.2	-97.1	-21.5	99.5	145	254.3	2.5	-3.5	1008.0	57.3	26.6	22.0	15.1	15.1	NoChan*
13:21:00	28 29.8	-80 13.1	-97.9	-21.2	100.2	151	254.4	2.4	-3.5	1010.5	57.4	26.3	21.7	15.6	15.6	NoChan*
13:21:00	28 29.8	-80 13.1	-98.0	-21.3	100.3	153	NoChan*	14.8	-4.9	59.8	63.2	-1.0	-5.2	50.0	50.0	65.2
13:21:00	0 0.0	0 0.0	294.3	325.2	23	0	NoChan*	-6.9	-1.8	57.8	60.3	0.0	186.4	146.7	6.4	97.4
13:21:30	28 28.1	-80 15.0	-94.6	-28.1	98.7	144	250.2	2.5	1.4	1008.0	56.5	26.6	22.1	14.7	14.7	NoChan*
13:21:30	28 29.3	-80 14.9	-95.4	-27.8	99.4	150	250.3	2.4	1.4	1010.7	56.6	26.3	21.7	15.2	15.2	NoChan*
13:21:30	28 29.3	-80 14.8	-95.5	-28.0	99.5	151	NoChan*	15.5	-5.2	59.1	62.2	-0.1	-4.3	50.0	50.0	63.4
13:21:30	0 0.0	0 0.0	294.3	324.5	22	0	NoChan*	-5.1	-1.1	57.0	59.6	0.0	185.1	143.5	6.4	96.7
13:22:00	28 27.7	-80 16.7	-96.8	-25.8	100.2	146	252.3	2.4	-0.5	1007.9	57.5	26.6	22.0	14.8	14.8	NoChan*
13:22:00	28 28.9	-80 16.7	-97.6	-25.5	100.9	151	252.1	2.3	-0.6	1010.5	57.6	26.4	21.7	15.4	15.4	NoChan*
13:22:00	28 28.9	-80 16.6	-97.7	-25.7	101.0	154	NoChan*	14.5	-5.2	60.1	63.4	-0.6	-4.9	50.0	50.0	64.1
13:22:00	0 0.0	0 0.0	294.3	324.7	23	0	NoChan*	-6.7	-1.7	58.1	60.6	0.0	186.8	137.6	6.0	97.6
13:22:30	28 26.7	-80 18.0	-11.3	-97.4	98.1	151	184.3*	2.8	-31.6	*1008.2	62.7	26.9	21.9	14.7	14.7	NoChan*
13:22:30	28 27.9	-80 17.9	-12.1	-97.1	97.9	155	184.1*	2.8	-31.7	*1010.2	62.8	26.7	21.6	15.2	15.2	NoChan*
13:22:30	28 27.9	-80 17.9	-12.9	-97.2	98.0	160	NoChan*	15.6	-4.0	64.8	69.4	-0.8	-5.4	50.0	50.0	64.0
13:22:30	0 0.0	0 0.0	294.2	324.4	25	0	NoChan*	-17.9	-6.0	63.1	65.3	0.1	194.9	136.6	5.6	101.8
13:23:00	28 25.8	-80 16.7	106.5	2.1	106.5	147	91.7	1.2	-0.9	*1007.3	72.5	27.7	22.0	15.1	15.1	NoChan*
13:23:00	28 27.0	-80 16.7	105.8	2.4	105.8	152	91.5	1.1	-1.0	*1010.7	72.6	27.6	21.7	15.6	15.6	NoChan*
13:23:00	28 27.0	-80 16.6	105.8	2.5	105.9	159	NoChan*	4.0	-10.9	75.8	79.2	-0.2	-5.5	50.0	50.0	65.4
13:23:00	0 0.0	0 0.0	294.2	325.1	22	0	NoChan*	-3.1	-0.4	73.0	76.5	0.1	209.2	154.0	6.2	109.3
13:23:30	28 26.0	-80 14.8	100.6	24.3	103.5	145	80.2	1.6	-0.5	*1007.6	66.7	27.3	22.0	15.2	15.2	NoChan*
13:23:30	28 27.3	-80 14.8	100.0	24.6	102.9	151	80.0	1.5	-0.6	*1010.7	66.8	27.1	21.7	15.7	15.7	NoChan*
13:23:30	28 27.2	-80 14.7	99.9	24.5	102.9	157	NoChan*	8.3	-11.7	69.4	73.1	0.1	-4.9	50.0	50.0	65.9
13:23:30	0 0.0	0 0.0	294.2	325.3	21	0	NoChan*	-7.0	-1.5	67.2	70.2	0.1	200.9	155.6	6.4	104.9
13:24:00	28 26.2	-80 12.9	101.5	0.9	101.5	144	92.9	1.7	-1.2	1007.9	66.0	27.3	22.0	14.9	14.9	NoChan*
13:24:00	28 27.5	-80 12.9	100.9	1.2	100.9	149	92.9	1.6	-1.3	1010.8	66.1	27.1	21.8	15.4	15.4	NoChan*
13:24:00	28 27.4	-80 12.9	100.9	1.0	100.9	159	NoChan*	9.0	-11.3	68.6	72.3	0.1	-4.8	50.0	50.0	64.3
13:24:00	0 0.0	0 0.0	294.3	324.8	20	0	NoChan*	-8.0	-1.8	66.5	69.4	0.0	199.8	153.0	6.0	104.3

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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
13:24:30	28 26.2	-80 11.1	99.8	1.2	99.8	143	93.0	1.9	-0.1	1008.0	63.7	27.1	22.0	15.2	15.2	NoChan*
13:24:30	28 27.5	-80 11.1	99.2	1.4	99.2	149	93.2	1.8	-0.2	1010.9	63.8	26.9	21.8	15.8	15.8	NoChan*
13:24:30	28 27.5	-80 11.1	99.1	1.3	99.2	152	NoChan*	9.8	-11.2	66.1	69.8	0.1	-4.6	50.0	50.0	65.8
13:24:30	0 0.0	0 0.0	294.3	325.5	19	0	NoChan*	-9.6	-2.2	64.2	67.1	0.1	196.4	154.2	6.1	102.6
13:25:00	28 26.3	-80 9.3	100.5	1.7	100.6	145	92.8	1.8	-0.7	1007.8	64.8	27.2	22.0	15.2	15.2	NoChan*
13:25:00	28 27.5	-80 9.3	100.0	2.0	100.0	150	92.5	1.7	-0.8	1010.7	64.9	27.0	21.8	15.7	15.7	NoChan*
13:25:00	28 27.5	-80 9.2	99.9	1.9	99.9	153	NoChan*	9.4	-10.4	67.4	71.0	-0.3	-5.0	50.0	50.0	65.6
13:25:00	0 0.0	0 0.0	294.3	325.4	21	0	NoChan*	-7.3	-1.5	65.3	68.2	0.1	198.0	155.6	6.7	103.4
13:25:30	28 26.3	-80 7.4	100.4	3.9	100.5	145	91.6	1.8	-0.9	1008.0	63.6	27.2	22.2	14.6	14.6	NoChan*
13:25:30	28 27.6	-80 7.4	99.9	4.2	100.0	150	91.5	1.7	-1.0	1010.8	63.7	27.1	21.9	15.2	15.2	NoChan*
13:25:30	28 27.5	-80 7.4	99.8	4.2	99.9	152	NoChan*	10.4	-10.7	65.9	69.7	-0.2	-4.9	50.0	50.0	62.6
13:25:30	0 0.0	0 0.0	294.4	324.4	21	0	NoChan*	-10.2	-2.4	64.1	66.9	0.1	196.2	159.9	6.0	102.5
13:26:00	28 26.3	-80 5.6	100.7	1.5	100.7	146	90.7	1.7	-0.7	1007.8	63.5	26.7	21.7	16.2	16.2	NoChan*
13:26:00	28 27.6	-80 5.6	100.2	1.8	100.2	151	90.7	1.6	-0.8	1010.7	63.6	26.5	21.3	16.6	16.6	NoChan*
13:26:00	28 27.6	-80 5.6	100.1	1.7	100.1	154	NoChan*	10.1	-10.3	66.1	69.6	-0.0	-4.7	50.0	50.0	71.9
13:26:00	0 0.0	0 0.0	293.9	327.1	22	0	NoChan*	-5.8	-1.1	64.0	67.1	0.1	196.1	143.6	2.8	102.4
13:26:30	28 26.4	-80 3.7	100.3	6.2	100.5	147	90.3	1.8	-2.5	*1007.8	65.0	27.2	22.1	15.9	15.9	NoChan*
13:26:30	28 27.7	-80 3.8	99.9	6.5	100.1	152	90.4	1.7	-2.6	*1010.6	65.1	27.0	21.7	16.4	16.4	NoChan*
13:26:30	28 27.6	-80 3.7	99.7	6.5	99.9	155	NoChan*	9.6	-9.8	67.4	71.3	-0.3	-5.1	50.0	50.0	68.4
13:26:30	0 0.0	0 0.0	294.3	326.8	22	0	NoChan*	-10.5	-2.9	65.5	68.3	0.1	198.4	148.8	6.4	103.6
13:27:00	28 26.8	-80 2.0	74.8	71.9	103.7	147	51.0*	2.3	-22.9	1008.5	63.7	27.2	22.2	16.3	16.3	NoChan*
13:27:00	28 28.1	-80 2.0	74.4	72.2	103.7	152	51.0*	2.3	-23.0	1010.6	63.8	27.0	21.8	16.9	16.9	NoChan*
13:27:00	28 28.1	-80 2.0	74.6	71.8	103.5	155	NoChan*	15.0	-9.3	65.3	70.1	-0.6	-5.3	50.0	50.0	70.1
13:27:00	0 0.0	0 0.0	294.4	327.9	22	0	NoChan*	-19.5	-6.6	64.0	66.8	0.1	196.4	146.7	7.6	102.6
13:27:30	28 28.4	-80 1.5	-45.2	93.9	104.2	142	335.5*	3.8	-35.3	1009.7	56.0	26.8	22.3	15.7	15.7	NoChan*
13:27:30	28 29.7	-80 1.6	-45.6	94.3	104.7	146	335.4*	3.7	-35.4	1011.2	56.1	26.6	22.0	16.3	16.3	NoChan*
13:27:30	28 29.6	-80 1.6	-45.2	94.5	104.8	148	NoChan*	22.7	-3.5	57.4	62.1	-0.2	-4.4	50.0	50.0	66.5
13:27:30	0 0.0	0 0.0	294.6	326.7	17	0	NoChan*	-20.2	-6.8	56.3	58.7	0.0	184.3	137.3	8.3	96.3
13:28:00	28 28.9	-80 3.2	-98.8	-2.6	98.8	150	266.3	2.9	-1.7	*1007.8	53.1	26.3	22.0	15.8	15.8	NoChan*
13:28:00	28 30.2	-80 3.2	-99.1	-2.2	99.1	155	265.9	2.8	-1.8	*1010.1	53.2	26.1	21.7	16.3	16.3	NoChan*
13:28:00	28 30.2	-80 3.2	-99.3	-2.3	99.3	159	NoChan*	15.6	-3.5	55.7	58.7	-0.0	-4.0	50.0	50.0	68.5
13:28:00	0 0.0	0 0.0	294.4	326.8	26	0	NoChan*	-5.9	-1.4	53.6	56.1	0.0	179.6	127.7	6.5	93.8
13:28:30	28 28.9	-80 5.0	-100.8	-1.7	100.8	144	267.5	2.5	-0.3	1008.3	56.2	26.4	21.9	15.7	15.7	NoChan*
13:28:30	28 30.2	-80 5.1	-101.1	-1.3	101.1	149	267.4	2.5	-0.4	1010.8	56.3	26.2	21.6	16.3	16.3	NoChan*
13:28:30	28 30.1	-80 5.0	-101.4	-1.4	101.4	152	NoChan*	15.3	-3.2	58.4	61.8	-1.0	-5.2	50.0	50.0	68.4
13:28:30	0 0.0	0 0.0	294.2	326.3	20	0	NoChan*	-9.5	-2.7	56.7	59.0	0.0	184.7	129.4	5.8	96.4
13:29:00	28 28.9	-80 6.9	-100.3	0.1	100.3	145	268.2*	2.5	1.1	*1008.2	56.7	26.2	21.7	15.6	15.6	NoChan*
13:29:00	28 30.2	-80 6.9	-100.6	0.5	100.6	150	268.2*	2.4	1.1	*1010.7	56.8	26.0	21.4	16.2	16.2	NoChan*
13:29:00	28 30.1	-80 6.9	-100.9	0.3	100.9	150	NoChan*	14.7	-3.3	59.3	62.4	0.1	-4.1	50.0	50.0	68.9
13:29:00	0 0.0	0 0.0	294.0	325.9	21	0	NoChan*	-5.4	-1.2	57.2	59.8	0.1	185.5	136.4	5.2	96.8

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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
13:29:30	28 28.9	-80 8.7	-100.5	1.9	100.5	144	269.8	2.8	0.9	1008.4	54.7	26.1	21.8	15.9	15.9	NoChan*
13:29:30	28 30.2	-80 8.8	-100.7	2.3	100.8	149	269.9	2.7	0.9	1010.9	54.8	25.9	21.4	16.5	16.5	NoChan*
13:29:30	28 30.1	-80 8.8	-101.0	2.2	101.0	148	NoChan*	16.2	-4.2	57.4	60.3	-0.3	-4.4	50.0	50.0	69.8
13:29:30	0 0.0	0 0.0	294.0	326.4	20	0	NoChan*	-6.0	-1.1	55.2	57.6	0.1	182.2	118.7	6.1	95.1
13:30:00	28 28.8	-80 10.5	-98.5	-15.5	99.7	148	258.5*	2.4	-2.0	*1008.0	56.0	26.4	21.9	15.0	15.0	NoChan*
13:30:00	28 30.1	-80 10.6	-98.7	-15.1	99.8	153	258.2*	2.4	-2.1	*1010.4	56.0	26.1	21.6	15.6	15.6	NoChan*
13:30:00	28 30.1	-80 10.6	-99.0	-15.0	100.1	153	NoChan*	15.5	-3.8	58.7	61.6	-0.5	-4.6	50.0	50.0	65.4
13:30:00	0 0.0	0 0.0	294.2	325.0	23	0	NoChan*	-3.9	-0.7	56.5	58.8	0.1	184.3	132.0	5.7	96.2
13:30:30	28 28.5	-80 12.3	-97.0	-24.5	100.1	145	252.8	2.3	-0.7	1008.1	57.3	26.6	22.0	15.4	15.4	NoChan*
13:30:30	28 29.8	-80 12.4	-97.2	-24.1	100.1	151	252.6	2.3	-0.8	1010.6	57.4	26.3	21.6	15.9	15.9	NoChan*
13:30:30	28 29.7	-80 12.4	-97.5	-24.2	100.4	157	NoChan*	14.7	-3.4	59.9	63.0	-0.4	-4.6	50.0	50.0	66.5
13:30:30	0 0.0	0 0.0	294.3	325.7	22	0	NoChan*	-5.4	-1.0	57.8	60.3	0.1	186.4	138.1	6.2	97.3
13:31:00	28 28.1	-80 14.1	-95.9	-28.2	99.9	145	250.5	2.4	-1.2	1008.2	56.9	26.6	22.1	15.0	15.0	NoChan*
13:31:00	28 29.4	-80 14.2	-96.0	-27.7	99.9	150	250.5	2.3	-1.2	1010.7	56.9	26.4	21.7	15.5	15.5	NoChan*
13:31:00	28 29.3	-80 14.2	-96.3	-27.8	100.2	151	NoChan*	15.0	-3.9	59.5	62.6	-0.9	-5.2	50.0	50.0	64.5
13:31:00	0 0.0	0 0.0	294.3	325.0	21	0	NoChan*	-5.8	-1.4	57.4	59.9	0.1	185.7	135.5	6.6	97.0
13:31:30	28 27.5	-80 15.8	-93.7	-34.3	99.8	144	246.8	2.4	0.2	1008.2	57.0	26.5	22.0	15.3	15.3	NoChan*
13:31:30	28 28.9	-80 15.9	-93.8	-33.8	99.7	150	246.9	2.3	0.1	1010.7	57.0	26.3	21.6	15.8	15.8	NoChan*
13:31:30	28 28.8	-80 15.9	-94.0	-33.9	99.9	154	NoChan*	14.7	-3.9	59.6	62.7	-0.7	-4.9	50.0	50.0	66.1
13:31:30	0 0.0	0 0.0	294.2	325.5	21	0	NoChan*	-5.7	-1.3	57.5	60.0	0.1	185.9	133.9	6.5	97.1
13:32:00	28 26.8	-80 17.3	-49.9	-75.7	90.7	227	208.9*	4.0	-14.0	* 999.2	50.1	25.3	21.3	15.0	15.0	NoChan*
13:32:00	28 28.1	-80 17.4	-50.0	-75.2	90.3	233	209.0*	3.9	-14.1	*1001.0	50.2	25.2	21.1	15.5	15.5	NoChan*
13:32:00	28 28.0	-80 17.4	-50.4	-75.1	90.5	238	NoChan*	18.9	-4.0	52.8	55.5	-0.5	-4.3	50.0	50.0	67.8
13:32:00	0 0.0	0 0.0	294.3	325.3	102	0	NoChan*	-3.7	-1.0	50.6	52.4	0.1	174.6	128.8	6.3	91.5
13:32:30	28 25.4	-80 18.1	-39.0	-90.2	98.2	324	200.4	4.2	-3.1	987.1	59.3	25.1	20.3	14.9	14.9	NoChan*
13:32:30	28 26.7	-80 18.2	-39.0	-89.7	97.8	332	200.1	4.1	-3.2	989.7	59.4	24.8	19.9	15.4	15.4	NoChan*
13:32:30	28 26.7	-80 18.2	-39.3	-89.7	97.9	340	NoChan*	12.6	-9.4	62.4	65.5	-0.1	-4.6	50.0	50.0	71.9
13:32:30	0 0.0	0 0.0	294.3	325.5	198	0	NoChan*	-3.7	-0.6	59.8	62.5	0.1	189.6	128.0	5.3	99.8
13:33:00	28 23.9	-80 18.8	-39.7	-91.9	100.1	477	200.3	6.1	0.5	969.4	60.3	24.3	19.3	11.9	11.9	NoChan*
13:33:00	28 25.3	-80 18.9	-39.6	-91.4	99.6	487	200.3	6.0	0.5	972.2	60.3	24.0	19.0	12.4	12.4	NoChan*
13:33:00	28 25.2	-80 18.9	-39.9	-91.6	99.9	488	NoChan*	12.0	-10.1	63.3	66.5	-1.0	-5.6	50.0	50.0	62.5
13:33:00	0 0.0	0 0.0	294.8	321.0	347	0	NoChan*	-6.2	-1.2	60.7	63.7	0.1	191.1	119.5	5.9	101.2
13:33:30	28 22.4	-80 19.6	-43.4	-94.5	104.0	623	201.3	0.9	1.4	* 952.9	64.7	23.7	18.3	10.2	10.2	NoChan*
13:33:30	28 23.8	-80 19.7	-43.3	-94.0	103.5	631	201.4	0.8	1.4	* 955.8	64.8	23.5	18.0	11.0	11.0	NoChan*
13:33:30	28 23.7	-80 19.7	-43.5	-94.0	103.6	630	NoChan*	9.3	-9.3	67.7	70.9	-0.6	-5.6	50.0	50.0	59.3
13:33:30	0 0.0	0 0.0	295.3	319.1	490	0	NoChan*	-4.7	-0.7	65.2	68.1	0.1	197.9	125.5	6.6	105.5
13:34:00	28 20.9	-80 20.5	-48.2	-94.6	106.2	619	204.2	0.4	-3.1	* 953.3	68.0	24.1	18.5	9.7	9.7	NoChan*
13:34:00	28 22.2	-80 20.5	-48.1	-94.1	105.6	628	204.3	0.3	-3.2	* 956.2	68.1	24.0	18.2	10.3	10.3	NoChan*
13:34:00	28 22.2	-80 20.6	-48.5	-94.1	105.8	630	NoChan*	7.5	-10.4	70.3	74.1	-0.5	-5.8	50.0	50.0	57.1
13:34:00	0 0.0	0 0.0	295.4	318.6	486	0	NoChan*	-12.4	-3.4	68.0	71.4	0.1	202.8	130.6	6.9	108.1

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
13:34:30	28 19.3	-80 21.3	-42.8	-90.4	100.0	601	203.3	2.2	0.6	* 955.3	61.7	24.1	18.9	9.6	9.6	NoChan*
13:34:30	28 20.7	-80 21.3	-42.7	-89.8	99.4	609	203.0	2.2	0.5	* 958.0	61.8	23.8	18.6	10.2	10.2	NoChan*
13:34:30	28 20.7	-80 21.4	-42.9	-89.9	99.6	614	NoChan*	11.6	-9.7	63.8	67.5	-1.1	-5.9	50.0	50.0	55.0
13:34:30	0 0.0	0 0.0	295.7	318.7	470	0	NoChan*	-12.2	-3.1	62.1	64.9	0.1	193.3	142.8	6.2	103.0
13:35:00	28 17.9	-80 22.0	-43.3	-89.1	99.1	601	203.4	2.1	0.9	* 955.2	60.4	24.0	19.0	9.5	9.5	NoChan*
13:35:00	28 19.3	-80 22.1	-43.1	-88.5	98.4	610	203.4	2.1	0.9	* 957.9	60.5	23.7	18.6	10.0	10.0	NoChan*
13:35:00	28 19.2	-80 22.1	-43.3	-88.6	98.6	612	NoChan*	11.7	-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
13:39:30	28 4.2	-80 28.2	-33.8	-95.4	101.2	602	196.9	2.1	-0.5	955.0	58.6	24.3	19.4	8.5	8.5	NoChan*
13:39:30	28 5.7	-80 28.2	-33.2	-94.7	100.3	611	197.0	2.0	-0.6	957.6	58.7	24.0	19.1	9.0	9.0	NoChan*
13:39:30	28 5.6	-80 28.3	-33.5	-94.8	100.5	613	NoChan*	13.3	-7.9	60.6	64.2	0.1	-4.5	50.0	50.0	49.3
13:39:30	0 0.0	0 0.0	296.2	317.6	474	0	NoChan*	-13.3	-4.0	59.0	61.7	0.1	188.5	101.9	6.6	100.5
13:40:00	28 2.6	-80 28.8	-33.5	-95.7	101.4	602	197.2	2.2	-0.8	955.2	58.1	24.3	19.4	8.3	8.3	NoChan*
13:40:00	28 4.1	-80 28.8	-32.9	-95.0	100.6	610	197.3	2.1	-0.9	957.8	58.1	24.0	19.1	8.9	8.9	NoChan*
13:40:00	28 4.1	-80 28.9	-33.2	-95.1	100.8	613	NoChan*	13.9	-7.8	60.2	63.7	-0.3	-4.8	50.0	50.0	48.5
13:40:00	0 0.0	0 0.0	296.2	317.3	472	0	NoChan*	-12.2	-3.5	58.5	61.3	0.1	187.6	93.6	5.6	100.1
13:40:30	28 1.1	-80 29.4	-33.8	-95.8	101.6	602	197.4	2.2	-0.6	955.0	59.9	24.0	19.0	8.0	8.0	NoChan*
13:40:30	28 2.6	-80 29.4	-33.2	-95.1	100.7	610	197.1	2.1	-0.7	957.7	59.9	23.7	18.6	8.6	8.6	NoChan*
13:40:30	28 2.5	-80 29.5	-33.5	-95.2	100.9	614	NoChan*	12.5	-7.3	62.0	65.6	-0.3	-4.9	50.0	50.0	49.0
13:40:30	0 0.0	0 0.0	295.8	316.5	473	0	NoChan*	-11.9	-3.3	60.3	63.0	0.1	190.5	107.1	5.3	101.5
13:41:00	27 59.5	-80 30.0	-33.8	-96.0	101.8	604	197.1	2.0	-0.8	954.9	60.0	23.9	18.9	8.1	8.1	NoChan*
13:41:00	28 1.1	-80 30.0	-33.2	-95.3	100.9	612	197.1	2.0	-0.9	957.6	60.0	23.7	18.6	8.6	8.6	NoChan*
13:41:00	28 1.0	-80 30.1	-33.4	-95.4	101.1	614	NoChan*	11.9	-7.5	62.1	65.7	0.6	-4.1	50.0	50.0	49.6
13:41:00	0 0.0	0 0.0	295.7	316.5	474	0	NoChan*	-11.7	-3.2	60.4	63.1	0.1	190.6	105.6	5.6	101.6
13:41:30	27 58.0	-80 30.6	-33.6	-95.9	101.6	601	197.0	2.2	-0.7	955.1	59.5	23.8	18.8	8.2	8.2	NoChan*
13:41:30	27 59.5	-80 30.6	-32.9	-95.1	100.7	609	197.1	2.1	-0.8	957.8	59.5	23.5	18.5	8.8	8.8	NoChan*
13:41:30	27 59.4	-80 30.7	-33.2	-95.3	100.9	607	NoChan*	12.3	-7.6	61.6	65.2	-1.0	-5.6	50.0	50.0	50.3
13:41:30	0 0.0	0 0.0	295.6	316.7	473	0	NoChan*	-11.9	-3.3	59.9	62.6	0.1	189.8	103.3	5.7	101.1
13:42:00	27 56.4	-80 31.3	-33.6	-95.9	101.6	599	196.9	2.3	-0.7	955.2	58.9	23.8	18.9	8.1	8.1	NoChan*
13:42:00	27 58.0	-80 31.2	-32.9	-95.2	100.7	608	197.0	2.2	-0.8	957.8	59.0	23.5	18.5	8.6	8.6	NoChan*
13:42:00	27 57.9	-80 31.3	-33.2	-95.3	100.9	605	NoChan*	13.2	-7.6	61.0	64.6	-0.8	-5.4	50.0	50.0	49.6
13:42:00	0 0.0	0 0.0	295.7	316.5	472	0	NoChan*	-11.2	-3.2	58.9	62.0	0.1	189.0	98.4	5.9	100.7
13:42:30	27 54.9	-80 31.9	-33.7	-96.1	101.9	600	197.3	2.1	-0.7	955.0	59.4	23.7	18.8	8.3	8.3	NoChan*
13:42:30	27 56.4	-80 31.8	-33.0	-95.4	100.9	607	197.0	2.0	-0.8	957.6	59.5	23.5	18.4	8.9	8.9	NoChan*
13:42:30	27 56.3	-80 31.9	-33.3	-95.5	101.1	607	NoChan*	12.2	-7.9	61.5	65.1	-0.1	-4.8	50.0	50.0	50.8
13:42:30	0 0.0	0 0.0	295.6	316.7	474	0	NoChan*	-11.7	-3.2	59.9	62.5	0.1	189.8	99.6	5.3	101.1
13:43:00	27 53.3	-80 32.5	-33.9	-96.4	102.2	591	197.0	2.1	-0.7	955.1	59.1	23.8	18.9	8.3	8.3	NoChan*
13:43:00	27 54.9	-80 32.4	-33.2	-95.7	101.3	601	196.9	2.1	-0.8	957.7	59.2	23.5	18.5	8.8	8.8	NoChan*
13:43:00	27 54.8	-80 32.5	-33.4	-95.8	101.5	607	NoChan*	12.8	-7.8	61.2	64.8	-0.6	-5.2	50.0	50.0	50.4
13:43:00	0 0.0	0 0.0	295.6	316.7	473	0	NoChan*	-11.6	-3.3	59.5	62.2	0.1	189.3	94.6	6.0	100.8
13:43:30	27 51.7	-80 33.1	-34.1	-96.6	102.5	596	196.8	2.2	-0.6	955.1	59.3	23.8	18.8	8.3	8.3	NoChan*
13:43:30	27 53.3	-80 33.1	-33.4	-95.9	101.5	603	196.9	2.1	-0.7	957.7	59.4	23.5	18.5	8.9	8.9	NoChan*
13:43:30	27 53.2	-80 33.1	-33.6	-96.0	101.7	608	NoChan*	12.8	-7.8	61.5	65.0	0.5	-4.2	50.0	50.0	50.8
13:43:30	0 0.0	0 0.0	295.6	316.8	473	0	NoChan*	-10.7	-3.0	59.7	62.4	0.1	189.6	94.1	6.3	101.0
13:44:00	27 50.2	-80 33.8	-43.1	-93.7	103.1	593	203.3*	2.4	16.9*	954.6	59.3	24.0	19.0	8.4	8.4	NoChan*
13:44:00	27 51.7	-80 33.7	-42.3	-92.9	102.1	604	203.3*	2.2	16.7*	957.8	59.4	23.7	18.7	8.9	8.9	NoChan*
13:44:00	27 51.7	-80 33.8	-42.2	-93.2	102.4	612	NoChan*	14.4	-7.2	61.8	65.1	-0.7	-5.4	50.0	50.0	50.1
13:44:00	0 0.0	0 0.0	295.8	317.0	473	0	NoChan*	-7.0	-1.8	59.8	62.8	0.1	189.6	88.2	4.8	101.0

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
13:44:30	27 49.5	-80 35.3	-96.5	23.9	99.4	732	285.2*	4.9	25.9	940.1	50.7	22.5	18.2	8.8	8.8	NoChan*
13:44:30	27 51.1	-80 35.2	-95.7	24.6	98.8	736	285.1*	4.8	25.9	943.2	50.8	22.2	17.8	9.4	9.4	NoChan*
13:44:30	27 51.0	-80 35.3	-96.1	24.0	99.0	740	NoChan*	14.8	-7.2	53.2	56.1	-0.3	-4.4	50.0	50.0	54.6
13:44:30	0 0.0	0 0.0	296.2	318.4	600	0	NoChan*	-8.4	-2.0	51.2	54.4	0.1	175.6	111.6	5.4	94.2
13:45:00	27 50.3	-80 36.9	-88.9	53.1	103.5	765	302.0	3.4	-0.7	936.4	54.8	22.3	17.7	8.6	8.6	NoChan*
13:45:00	27 51.9	-80 36.8	-88.0	53.9	103.2	773	302.1	3.3	-0.8	938.8	54.8	22.0	17.3	9.2	9.2	NoChan*
13:45:00	27 51.8	-80 36.9	-88.3	53.8	103.4	783	NoChan*	15.4	-3.2	56.9	60.3	0.1	-4.3	50.0	50.0	55.8
13:45:00	0 0.0	0 0.0	296.1	318.1	639	0	NoChan*	-13.2	-4.0	55.2	57.7	0.1	182.3	122.4	5.6	97.9
13:45:30	27 51.2	-80 38.5	-90.5	59.9	108.5	786	304.8	1.8	2.5	934.5	61.1	22.7	17.5	8.6	8.6	NoChan*
13:45:30	27 52.8	-80 38.4	-89.6	60.7	108.2	790	304.8	1.7	2.5	937.3	61.1	22.4	17.2	9.2	9.2	NoChan*
13:45:30	27 52.7	-80 38.5	-89.9	60.5	108.4	799	NoChan*	11.2	-5.2	63.2	66.9	-0.7	-5.6	50.0	50.0	56.4
13:45:30	0 0.0	0 0.0	296.1	318.2	653	0	NoChan*	-12.5	-3.3	61.5	64.3	0.1	192.3	120.2	5.2	103.3
13:46:00	27 52.2	-80 40.2	-90.6	66.1	112.1	788	307.8	1.6	-1.0	934.4	65.0	22.9	17.4	8.5	8.5	NoChan*
13:46:00	27 53.8	-80 40.0	-89.7	66.8	111.8	795	307.5	1.6	-1.1	937.3	65.1	22.8	17.2	9.1	9.1	NoChan*
13:46:00	27 53.8	-80 40.2	-89.9	66.7	112.0	802	NoChan*	8.4	-7.6	67.2	71.0	-0.8	-6.0	50.0	50.0	56.3
13:46:00	0 0.0	0 0.0	296.0	317.9	653	0	NoChan*	-12.8	-3.5	65.4	68.4	0.1	198.3	111.8	5.8	106.5
13:46:30	27 53.2	-80 41.9	-102.6	50.1	114.2	783	297.0	1.4	-0.2	934.3	67.2	23.1	17.4	8.5	8.5	NoChan*
13:46:30	27 54.9	-80 41.8	-101.6	50.9	113.7	789	297.0	1.4	-0.2	937.3	67.3	22.9	17.1	9.1	9.1	NoChan*
13:46:30	27 54.8	-80 41.9	-101.9	50.7	113.8	803	NoChan*	7.1	-9.0	69.4	73.3	0.4	-4.9	50.0	50.0	56.5
13:46:30	0 0.0	0 0.0	296.0	317.9	652	0	NoChan*	-13.3	-3.7	67.5	70.7	0.1	201.5	116.6	6.0	108.2
13:47:00	27 54.0	-80 43.8	-103.8	50.9	115.6	782	296.9	1.6	-0.9	934.4	68.0	22.9	17.2	8.4	8.4	NoChan*
13:47:00	27 55.7	-80 43.6	-102.8	51.7	115.1	790	297.0	1.5	-0.9	937.5	68.1	22.8	16.9	8.9	8.9	NoChan*
13:47:00	27 55.6	-80 43.7	-103.1	51.5	115.3	800	NoChan*	6.7	-8.9	70.4	74.2	-0.6	-6.0	50.0	50.0	56.6
13:47:00	0 0.0	0 0.0	295.7	317.4	651	0	NoChan*	-12.4	-3.3	68.4	71.6	0.1	202.8	116.7	6.8	108.8
13:47:30	27 54.9	-80 45.7	-104.1	51.1	115.9	782	296.8	1.5	-0.7	934.3	69.3	23.1	17.3	8.6	8.6	NoChan*
13:47:30	27 56.5	-80 45.5	-103.0	51.8	115.4	790	296.9	1.4	-0.8	937.4	69.4	23.0	17.1	9.2	9.2	NoChan*
13:47:30	27 56.5	-80 45.6	-103.3	51.7	115.6	800	NoChan*	5.7	-9.8	71.8	75.5	-0.2	-5.7	50.0	50.0	57.0
13:47:30	0 0.0	0 0.0	295.9	317.9	651	0	NoChan*	-11.9	-3.1	69.7	72.9	0.1	204.7	118.9	6.0	109.9
13:48:00	27 55.7	-80 47.6	-104.0	51.5	116.0	784	296.9	1.4	-0.5	934.1	70.3	23.2	17.3	9.1	9.1	NoChan*
13:48:00	27 57.4	-80 47.4	-102.9	52.2	115.4	792	296.6	1.3	-0.5	937.3	70.3	23.2	17.1	9.6	9.6	NoChan*
13:48:00	27 57.3	-80 47.5	-103.2	52.1	115.6	800	NoChan*	5.0	-10.6	72.8	76.5	-0.7	-6.2	50.0	50.0	58.7
13:48:00	0 0.0	0 0.0	295.9	318.6	652	0	NoChan*	-11.5	-3.0	70.6	73.9	0.1	206.0	119.9	5.4	110.6
13:48:30	27 56.5	-80 49.5	-101.3	50.6	113.3	781	297.0	1.6	-0.8	934.6	65.7	22.7	17.1	8.6	8.6	NoChan*
13:48:30	27 58.2	-80 49.3	-100.3	51.3	112.6	788	297.0	1.5	-0.9	937.6	65.8	22.5	16.9	9.2	9.2	NoChan*
13:48:30	27 58.1	-80 49.4	-100.6	51.2	112.8	798	NoChan*	8.7	-11.2	67.9	71.6	-0.8	-6.0	50.0	50.0	57.7
13:48:30	0 0.0	0 0.0	295.7	317.8	650	0	NoChan*	-11.8	-3.1	66.1	69.0	0.1	199.3	122.2	6.3	107.0
13:49:00	27 57.3	-80 51.3	-98.8	49.1	110.3	777	297.0	1.8	-0.8	935.0	61.9	22.3	17.1	9.1	9.1	NoChan*
13:49:00	27 59.0	-80 51.1	-97.7	49.8	109.7	782	297.1	1.7	-0.9	937.7	62.0	22.1	16.8	9.6	9.6	NoChan*
13:49:00	27 59.0	-80 51.2	-98.0	49.6	109.9	797	NoChan*	10.4	-10.6	64.1	67.7	-1.0	-6.0	50.0	50.0	59.5
13:49:00	0 0.0	0 0.0	295.6	318.3	649	0	NoChan*	-11.3	-2.9	62.4	65.1	0.1	193.6	120.7	6.4	103.9

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
13:49:30	27 58.1	-80 53.1	-96.9	48.2	108.2	766	297.0	2.1	-0.8	935.1	58.9	22.0	17.0	8.8	8.8	NoChan*
13:49:30	27 59.9	-80 52.8	-95.8	48.9	107.5	775	297.1	2.0	-0.9	937.8	59.0	21.8	16.7	9.4	9.4	NoChan*
13:49:30	27 59.7	-80 53.0	-96.0	48.8	107.7	797	NoChan*	13.0	-9.0	61.1	64.6	-1.1	-5.8	50.0	50.0	58.9
13:49:30	0 0.0	0 0.0	295.6	317.9	648	0	NoChan*	-10.9	-3.1	59.4	62.0	0.1	189.0	121.1	6.8	101.4
13:50:00	27 58.9	-80 54.9	-95.4	47.6	106.6	773	297.2	2.5	-0.7	935.3	56.5	21.8	17.0	8.9	8.9	NoChan*
13:50:00	28 0.6	-80 54.6	-94.3	48.2	105.9	777	296.8	2.4	-0.8	937.8	56.5	21.5	16.6	9.5	9.5	NoChan*
13:50:00	28 0.5	-80 54.7	-94.6	48.1	106.1	796	NoChan*	14.5	-7.8	58.6	62.0	-1.1	-5.6	50.0	50.0	59.4
13:50:00	0 0.0	0 0.0	295.5	318.0	648	0	NoChan*	-10.7	-3.1	56.9	59.4	0.1	185.1	119.2	7.3	99.3
13:50:30	27 59.7	-80 56.6	-98.6	36.3	105.1	769	289.1*	3.3	-25.3*	935.9	54.7	21.6	17.0	8.9	8.9	NoChan*
13:50:30	28 1.4	-80 56.3	-97.4	37.0	104.2	776	289.2*	3.3	-25.4*	937.6	54.8	21.3	16.6	9.4	9.4	NoChan*
13:50:30	28 1.3	-80 56.4	-97.5	37.5	104.4	795	NoChan*	20.4	-5.3	56.4	60.4	-0.5	-4.9	50.0	50.0	59.5
13:50:30	0 0.0	0 0.0	295.5	317.9	649	0	NoChan*	-16.9	-5.7	55.0	56.8	0.1	182.3	127.2	7.6	97.8
13:51:00	27 59.8	-80 58.5	-103.9	1.8	103.9	764	269.5	2.6	-1.7	935.0	54.9	21.7	17.0	9.5	9.5	NoChan*
13:51:00	28 1.5	-80 58.2	-102.8	2.4	102.8	772	269.5	2.5	-1.7	937.4	55.0	21.4	16.6	10.1	10.1	NoChan*
13:51:00	28 1.4	-80 58.3	-103.0	2.3	103.1	797	NoChan*	14.5	-5.6	57.2	60.4	-0.7	-5.1	50.0	50.0	61.8
13:51:00	0 0.0	0 0.0	295.6	318.9	651	0	NoChan*	-9.4	-2.7	55.4	57.9	0.1	182.6	123.6	7.1	98.0
13:51:30	27 59.8	-81 0.4	-106.5	-0.2	106.5	769	268.7*	2.3	16.7*	934.1	59.4	22.3	17.3	9.6	9.6	NoChan*
13:51:30	28 1.5	-81 0.1	-105.3	0.4	105.3	775	268.8*	2.2	16.6*	937.2	59.5	22.0	16.9	10.2	10.2	NoChan*
13:51:30	28 1.4	-81 0.2	-105.5	-0.5	105.5	797	NoChan*	13.8	-4.5	62.1	65.3	-0.0	-4.8	50.0	50.0	61.2
13:51:30	0 0.0	0 0.0	295.8	319.4	653	0	NoChan*	-5.3	-1.1	59.9	63.1	0.1	189.8	128.8	5.9	101.9
13:52:00	27 59.8	-81 2.4	-109.8	0.3	109.8	768	269.2	1.7	-1.0	934.4	63.5	22.7	17.3	9.4	9.4	NoChan*
13:52:00	28 1.6	-81 2.0	-108.7	0.9	108.7	774	269.0	1.7	-1.1	937.3	63.6	22.6	17.1	10.1	10.1	NoChan*
13:52:00	28 1.5	-81 2.2	-108.9	0.8	108.9	798	NoChan*	9.1	-6.9	65.7	69.4	-0.4	-5.5	50.0	50.0	60.1
13:52:00	0 0.0	0 0.0	295.9	319.2	653	0	NoChan*	-12.0	-3.2	63.9	66.7	0.1	196.0	126.2	5.7	105.3
13:52:30	27 59.8	-81 4.4	-112.7	0.5	112.7	765	268.9	1.5	-0.7	934.3	65.5	22.6	17.1	9.5	9.5	NoChan*
13:52:30	28 1.6	-81 4.0	-111.5	1.1	111.5	773	268.8	1.5	-0.8	937.3	65.6	22.5	16.8	10.1	10.1	NoChan*
13:52:30	28 1.5	-81 4.2	-111.7	1.0	111.8	800	NoChan*	7.8	-8.0	67.8	71.5	0.1	-5.1	50.0	50.0	61.4
13:52:30	0 0.0	0 0.0	295.6	318.9	653	0	NoChan*	-12.0	-3.2	65.9	68.9	0.1	199.0	124.6	7.2	106.8
13:53:00	27 59.8	-81 6.5	-114.5	0.2	114.5	761	268.7	1.4	-0.7	934.2	68.4	22.9	17.2	9.5	9.5	NoChan*
13:53:00	28 1.6	-81 6.1	-113.3	0.7	113.3	771	268.8	1.3	-0.8	937.3	68.5	22.9	17.0	10.0	10.0	NoChan*
13:53:00	28 1.5	-81 6.2	-113.6	0.6	113.6	801	NoChan*	6.4	-9.0	70.8	74.5	-0.4	-5.8	50.0	50.0	61.1
13:53:00	0 0.0	0 0.0	295.8	319.1	652	0	NoChan*	-11.5	-3.0	68.8	72.0	0.1	203.3	126.2	6.8	109.1
13:53:30	27 59.8	-81 8.6	-115.9	0.0	115.9	759	268.8	1.1	-0.8	934.0	70.2	23.2	17.3	9.3	9.3	NoChan*
13:53:30	28 1.6	-81 8.2	-114.7	0.6	114.7	770	268.9	1.0	-0.9	937.2	70.3	23.1	17.1	9.9	9.9	NoChan*
13:53:30	28 1.5	-81 8.3	-114.9	0.4	114.9	801	NoChan*	4.7	-10.6	72.6	76.4	-1.3	-6.9	50.0	50.0	59.9
13:53:30	0 0.0	0 0.0	295.9	319.0	653	0	NoChan*	-12.3	-3.3	70.5	73.9	0.1	205.9	126.0	6.6	110.6
13:54:00	27 59.8	-81 10.7	-116.9	-0.5	116.9	762	269.2	1.1	-0.9	933.9	72.1	23.4	17.3	9.3	9.3	NoChan*
13:54:00	28 1.6	-81 10.3	-115.8	0.1	115.8	771	268.9	1.0	-1.0	937.3	72.2	23.3	17.1	9.9	9.9	NoChan*
13:54:00	28 1.5	-81 10.4	-116.0	-0.1	116.0	803	NoChan*	3.4	-11.5	74.6	78.4	-0.9	-6.6	50.0	50.0	59.6
13:54:00	0 0.0	0 0.0	295.9	318.9	652	0	NoChan*	-13.6	-3.8	72.4	75.9	0.1	208.6	120.0	5.7	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
13:54:30	27 59.8	-81 12.9	-117.7	0.0	117.7	765	268.8	1.1	-0.6	934.0	72.6	23.3	17.3	9.5	9.5	NoChan*
13:54:30	28 1.6	-81 12.4	-116.5	0.6	116.5	775	268.7	1.1	-0.7	937.4	72.7	23.3	17.0	10.0	10.0	NoChan*
13:54:30	28 1.5	-81 12.6	-116.7	0.4	116.7	804	NoChan*	3.8	-11.6	75.2	78.9	-0.6	-6.4	50.0	50.0	61.0
13:54:30	0 0.0	0 0.0	295.8	319.2	652	0	NoChan*	-11.7	-3.1	72.8	76.5	0.1	209.3	124.5	6.5	112.4
13:55:00	27 59.8	-81 15.0	-118.1	0.4	118.1	767	268.7	1.1	-0.6	934.1	72.6	23.3	17.2	9.9	9.9	NoChan*
13:55:00	28 1.7	-81 14.5	-116.9	0.9	116.9	775	268.7	1.0	-0.7	937.4	72.7	23.2	17.0	10.5	10.5	NoChan*
13:55:00	28 1.5	-81 14.7	-117.1	0.7	117.1	803	NoChan*	3.2	-12.2	75.1	78.9	-0.4	-6.2	50.0	50.0	62.5
13:55:00	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
13:59:30	28 0.0	-81 34.8	-120.9	1.0	120.9	764	268.8	1.0	-0.8	933.8	75.0	22.9	16.6	12.8	12.8	NoChan*
13:59:30	28 1.9	-81 34.1	-119.7	1.3	119.7	770	269.0	0.9	-0.8	937.4	75.1	22.8	16.4	13.4	13.4	NoChan*
13:59:30	28 1.8	-81 34.3	-119.9	1.1	119.9	799	NoChan*	2.1	-12.8	77.7	81.5	-0.9	-6.8	50.0	50.0	79.0
13:59:30	0 0.0	0 0.0	295.2	324.0	652	0	NoChan*	-13.1	-3.5	75.3	79.0	0.1	212.7	126.2	8.4	114.1
14:00:00	28 0.1	-81 37.0	-121.0	0.7	121.0	756	269.0	0.9	-0.6	933.7	74.9	22.9	16.7	12.7	12.7	NoChan*
14:00:00	28 2.0	-81 36.3	-119.9	1.0	119.9	765	268.7	0.8	-0.7	937.2	75.0	22.8	16.4	13.3	13.3	NoChan*
14:00:00	28 1.8	-81 36.5	-120.1	0.8	120.1	802	NoChan*	1.3	-13.3	77.5	81.2	-0.8	-6.7	50.0	50.0	78.3
14:00:00	0 0.0	0 0.0	295.2	323.9	653	0	NoChan*	-13.3	-3.6	75.2	79.0	0.1	212.6	121.6	8.2	114.1
14:00:30	28 0.1	-81 39.2	-121.1	1.2	121.1	752	268.9	0.9	-0.6	933.8	75.8	23.0	16.7	12.7	12.7	NoChan*
14:00:30	28 2.0	-81 38.5	-120.0	1.5	120.0	759	268.8	0.9	-0.7	937.3	75.9	22.9	16.4	13.2	13.2	NoChan*
14:00:30	28 1.8	-81 38.7	-120.1	1.2	120.1	801	NoChan*	0.7	-13.3	78.3	82.2	-0.7	-6.6	50.0	50.0	78.2
14:00:30	0 0.0	0 0.0	295.2	323.9	652	0	NoChan*	-14.9	-4.3	76.0	79.8	0.1	213.7	129.2	8.3	114.7
14:01:00	28 0.1	-81 41.4	-120.3	-7.5	120.6	750	264.0*	1.6	-20.9*	934.5	75.1	23.1	16.8	12.6	12.6	NoChan*
14:01:00	28 2.0	-81 40.7	-119.2	-7.3	119.5	756	264.1*	1.5	-20.9*	937.4	75.2	23.0	16.5	13.3	13.3	NoChan*
14:01:00	28 1.8	-81 40.9	-119.4	-7.0	119.6	797	NoChan*	5.8	-12.5	77.3	81.6	-0.8	-6.7	50.0	50.0	77.3
14:01:00	0 0.0	0 0.0	295.3	323.8	651	0	NoChan*	-15.9	-4.8	75.3	78.3	0.1	212.8	128.8	8.8	114.2
14:01:30	27 59.8	-81 43.6	-118.7	-17.6	120.0	743	259.2	1.1	-0.6	933.9	74.3	23.0	16.7	13.0	13.0	NoChan*
14:01:30	28 1.7	-81 42.8	-117.6	-17.3	118.9	749	259.4	0.9	-0.7	937.4	74.4	22.9	16.5	13.7	13.7	NoChan*
14:01:30	28 1.5	-81 43.0	-117.7	-17.5	119.0	798	NoChan*	2.2	-13.7	77.0	80.7	-1.3	-7.2	50.0	50.0	79.6
14:01:30	0 0.0	0 0.0	295.3	324.6	651	0	NoChan*	-11.8	-3.1	74.6	78.3	0.1	211.7	125.0	8.9	113.6
14:02:00	27 59.5	-81 45.8	-118.9	-17.6	120.2	744	259.5	1.0	-0.7	933.8	74.2	23.1	16.9	12.6	12.6	NoChan*
14:02:00	28 1.4	-81 45.0	-117.8	-17.3	119.1	749	259.3	0.9	-0.8	937.3	74.3	23.0	16.7	13.2	13.2	NoChan*
14:02:00	28 1.3	-81 45.2	-118.0	-17.6	119.3	798	NoChan*	2.8	-13.6	76.8	80.6	-1.2	-7.0	50.0	50.0	76.7
14:02:00	0 0.0	0 0.0	295.5	324.0	652	0	NoChan*	-13.6	-3.8	74.5	78.3	0.1	211.6	122.8	8.9	113.6
14:02:30	27 59.2	-81 47.9	-118.9	-18.2	120.3	750	258.6	1.1	-4.7*	934.0	74.4	23.0	16.8	13.0	13.0	NoChan*
14:02:30	28 1.2	-81 47.1	-117.8	-18.0	119.2	757	258.4	1.0	-4.7*	937.3	74.5	22.9	16.5	13.5	13.5	NoChan*
14:02:30	28 1.0	-81 47.3	-118.0	-18.1	119.4	799	NoChan*	2.2	-13.6	77.0	80.8	-0.7	-6.6	50.0	50.0	79.2
14:02:30	0 0.0	0 0.0	295.3	324.5	652	0	NoChan*	-13.0	-3.6	74.7	78.2	0.1	211.8	126.8	9.6	113.7
14:03:00	27 58.9	-81 50.1	-117.6	-23.7	120.0	750	255.7	1.1	-1.0	933.9	74.3	23.1	16.8	13.2	13.2	NoChan*
14:03:00	28 0.8	-81 49.3	-116.6	-23.5	119.0	757	255.7	1.0	-1.0	937.4	74.4	23.0	16.6	13.8	13.8	NoChan*
14:03:00	28 0.6	-81 49.5	-116.7	-23.7	119.1	794	NoChan*	2.1	-13.6	77.0	80.7	0.5	-5.4	50.0	50.0	80.0
14:03:00	0 0.0	0 0.0	295.4	325.0	651	0	NoChan*	-12.6	-3.4	74.6	78.3	0.1	211.7	127.0	9.9	113.7
14:03:30	27 58.5	-81 52.3	-117.4	-24.4	120.0	750	255.4	1.1	-0.8	933.9	74.2	23.0	16.8	12.7	12.7	NoChan*
14:03:30	28 0.4	-81 51.4	-116.5	-24.2	119.0	760	255.6	0.9	-0.9	937.4	74.3	22.9	16.6	13.2	13.2	NoChan*
14:03:30	28 0.2	-81 51.6	-116.6	-24.5	119.2	793	NoChan*	2.2	-13.6	76.8	80.5	-1.0	-6.8	50.0	50.0	77.5
14:03:30	0 0.0	0 0.0	295.4	324.1	652	0	NoChan*	-12.4	-3.3	74.5	78.2	0.1	211.6	125.1	9.6	113.6
14:04:00	27 58.1	-81 54.4	-117.6	-24.7	120.1	745	255.7	1.0	-0.8	933.9	74.0	22.9	16.7	12.9	12.9	NoChan*
14:04:00	28 0.0	-81 53.6	-116.6	-24.5	119.2	747	255.5	1.0	-0.9	937.4	74.1	22.8	16.5	13.5	13.5	NoChan*
14:04:00	27 59.8	-81 53.7	-116.7	-24.8	119.3	794	NoChan*	1.9	-13.8	76.7	80.3	-0.9	-6.8	50.0	50.0	79.0
14:04:00	0 0.0	0 0.0	295.3	324.4	652	0	NoChan*	-12.3	-3.3	74.3	78.0	0.1	211.3	120.7	9.4	113.4

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
14:04:30	27 57.7	-81 56.6	-117.8	-24.8	120.4	750	255.8	1.1	-0.9	933.9	73.8	23.0	16.8	13.0	13.0	NoChan*
14:04:30	27 59.6	-81 55.7	-116.9	-24.7	119.5	759	255.6	1.0	-1.0	937.4	73.9	22.9	16.6	13.6	13.6	NoChan*
14:04:30	27 59.4	-81 55.9	-117.0	-25.0	119.7	794	NoChan*	2.5	-13.8	76.4	80.1	-0.6	-6.5	50.0	50.0	78.9
14:04:30	0 0.0	0 0.0	295.4	324.6	652	0	NoChan*	-13.0	-3.5	74.1	77.7	0.1	211.0	118.4	9.6	113.3
14:05:00	27 57.3	-81 58.7	-118.3	-24.7	120.8	734	255.4	1.0	-0.7	933.8	74.7	22.9	16.7	13.5	13.5	NoChan*
14:05:00	27 59.2	-81 57.8	-117.4	-24.6	119.9	740	255.5	0.9	-0.8	937.3	74.8	22.8	16.4	14.2	14.2	NoChan*
14:05:00	27 59.0	-81 58.0	-117.5	-24.9	120.1	795	NoChan*	1.9	-13.4	77.3	81.1	-0.6	-6.5	50.0	50.0	82.7
14:05:00	0 0.0	0 0.0	295.2	325.4	652	0	NoChan*	-13.6	-3.8	75.0	78.6	0.1	212.3	123.4	10.1	113.9
14:05:30	27 56.9	-82 0.9	-118.7	-24.7	121.3	748	255.1	1.0	-0.5	933.8	75.4	22.9	16.6	13.4	13.4	NoChan*
14:05:30	27 58.8	-81 60.0	-117.9	-24.6	120.4	755	255.3	0.8	-0.6	937.3	75.4	22.8	16.4	14.2	14.2	NoChan*
14:05:30	27 58.6	-82 0.2	-118.0	-24.8	120.6	796	NoChan*	0.9	-13.4	78.0	81.7	-0.5	-6.4	50.0	50.0	82.4
14:05:30	0 0.0	0 0.0	295.2	325.2	652	0	NoChan*	-13.0	-3.5	75.6	79.4	0.1	213.2	126.1	10.6	114.4
14:06:00	27 56.5	-82 3.1	-118.9	-24.7	121.5	750	255.6	0.9	-0.6	933.7	75.1	23.1	16.8	12.6	12.6	NoChan*
14:06:00	27 58.4	-82 2.1	-118.1	-24.6	120.7	757	255.4	0.8	-0.7	937.2	75.1	23.0	16.5	13.2	13.2	NoChan*
14:06:00	27 58.2	-82 2.3	-118.2	-24.9	120.8	799	NoChan*	0.5	-13.9	77.7	81.4	-0.6	-6.6	50.0	50.0	77.4
14:06:00	0 0.0	0 0.0	295.4	323.9	653	0	NoChan*	-13.0	-3.5	75.3	79.0	0.1	212.7	121.0	10.2	114.2
14:06:30	27 56.1	-82 5.2	-119.1	-24.4	121.6	755	255.7	0.9	-0.7	933.7	75.2	23.2	16.9	12.0	12.0	NoChan*
14:06:30	27 58.0	-82 4.3	-118.3	-24.4	120.8	759	255.6	0.9	-0.8	937.3	75.3	23.1	16.7	12.6	12.6	NoChan*
14:06:30	27 57.8	-82 4.5	-118.4	-24.7	120.9	797	NoChan*	1.3	-13.7	77.8	81.6	-0.5	-6.5	50.0	50.0	73.3
14:06:30	0 0.0	0 0.0	295.5	322.9	653	0	NoChan*	-13.5	-3.8	75.5	79.2	0.1	213.0	121.7	10.2	114.4
14:07:00	27 55.7	-82 7.4	-118.9	-24.4	121.4	751	255.6	1.0	-1.2	933.8	75.1	23.4	17.1	11.1	11.1	NoChan*
14:07:00	27 57.6	-82 6.5	-118.1	-24.4	120.6	756	255.7	0.9	-1.3	937.3	75.2	23.3	16.9	11.9	11.9	NoChan*
14:07:00	27 57.4	-82 6.7	-118.2	-24.6	120.7	793	NoChan*	1.0	-13.8	77.7	81.5	-0.6	-6.6	50.0	50.0	68.5
14:07:00	0 0.0	0 0.0	295.7	321.6	652	0	NoChan*	-13.3	-3.6	75.4	79.1	0.1	212.8	123.1	10.3	114.3
14:07:30	27 55.3	-82 9.6	-118.7	-24.0	121.1	763	255.4	1.1	-0.8	933.9	74.6	23.3	17.1	12.2	12.2	NoChan*
14:07:30	27 57.2	-82 8.6	-118.0	-24.0	120.4	767	255.5	1.0	-0.9	937.4	74.7	23.2	16.8	12.9	12.9	NoChan*
14:07:30	27 57.0	-82 8.8	-118.1	-24.3	120.5	792	NoChan*	2.4	-13.7	77.2	81.0	-0.2	-6.1	50.0	50.0	73.7
14:07:30	0 0.0	0 0.0	295.6	323.4	652	0	NoChan*	-12.8	-3.4	74.9	78.6	0.1	212.1	125.0	10.9	113.9
14:08:00	27 54.9	-82 11.7	-119.0	-23.5	121.3	758	256.0	-0.4	2.8*	934.1	76.1	23.5	17.1	11.3	11.3	NoChan*
14:08:00	27 56.9	-82 10.8	-118.4	-23.6	120.7	765	255.8	-0.5	2.7*	937.8	76.2	23.4	16.8	12.0	12.0	NoChan*
14:08:00	27 56.6	-82 11.0	-118.4	-23.9	120.8	788	NoChan*	-2.0	-13.9	79.1	82.3	-1.1	-7.1	50.0	50.0	69.5
14:08:00	0 0.0	0 0.0	295.6	321.9	648	0	NoChan*	-8.0	-1.8	76.4	80.3	0.1	214.2	123.6	9.2	115.0
14:08:30	27 54.6	-82 13.9	-112.6	-22.7	114.9	636	255.0	0.1	-1.6	946.1	70.0	24.2	18.3	9.1	9.1	NoChan*
14:08:30	27 56.5	-82 12.9	-112.0	-22.7	114.2	645	254.9	0.0	-1.7	949.2	70.1	24.0	18.1	9.6	9.6	NoChan*
14:08:30	27 56.3	-82 13.1	-112.1	-23.1	114.4	683	NoChan*	7.2	-8.7	72.8	76.0	-0.8	-6.3	50.0	50.0	55.0
14:08:30	0 0.0	0 0.0	295.9	318.3	547	0	NoChan*	-4.0	-0.6	70.5	73.8	0.1	205.6	131.3	8.6	109.9
14:09:00	27 54.1	-82 15.8	-101.3	-29.2	105.4	632	249.6	2.3	0.2*	948.0	59.4	23.4	18.4	9.3	9.3	NoChan*
14:09:00	27 56.1	-82 14.8	-100.7	-29.3	104.9	640	249.7	2.2	0.2*	950.8	59.4	23.1	18.0	9.9	9.9	NoChan*
14:09:00	27 55.8	-82 15.0	-100.7	-29.5	104.9	667	NoChan*	11.4	-9.5	62.2	65.1	-0.7	-5.4	50.0	50.0	55.6
14:09:00	0 0.0	0 0.0	295.8	318.4	533	0	NoChan*	-2.0	0.1	59.9	62.6	0.1	189.7	133.5	8.6	101.4

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
14:09:30	27 53.7	-82 17.7	-105.6	-25.8	108.7	635	252.8	1.9	-2.4	948.9	63.8	23.7	18.4	9.2	9.2	NoChan*
14:09:30	27 55.7	-82 16.7	-105.0	-25.8	108.1	644	252.9	1.8	-2.5	951.7	63.9	23.5	18.1	9.9	9.9	NoChan*
14:09:30	27 55.4	-82 16.9	-105.1	-26.0	108.3	660	NoChan*	11.0	-6.4	66.3	69.8	-0.8	-5.8	50.0	50.0	55.3
14:09:30	0 0.0	0 0.0	295.7	318.2	525	0	NoChan*	-8.9	-2.1	64.3	67.0	0.1	196.5	137.9	8.4	105.0
14:10:00	27 53.3	-82 19.6	-103.7	-29.3	107.8	656	251.2*	1.1	1.4	947.0	62.7	23.5	18.3	9.2	9.2	NoChan*
14:10:00	27 55.2	-82 18.6	-103.2	-29.4	107.3	664	251.1*	1.1	1.3	949.9	62.8	23.4	18.0	9.7	9.7	NoChan*
14:10:00	27 54.9	-82 18.8	-103.2	-30.0	107.5	678	NoChan*	6.7	-10.4	64.6	68.2	-0.7	-5.6	50.0	50.0	55.8
14:10:00	0 0.0	0 0.0	295.7	318.3	541	0	NoChan*	-13.2	-3.9	63.0	66.2	0.1	194.8	136.3	8.4	104.1
14:10:30	27 52.9	-82 21.4	-93.3	-22.8	96.0	494	251.2	0.8	-0.4	965.0	49.5	23.8	19.7	9.7	9.7	NoChan*
14:10:30	27 54.8	-82 20.4	-92.8	-23.0	95.6	507	251.0	0.7	-0.4	967.4	49.5	23.9	19.7	10.3	10.3	NoChan*
14:10:30	27 54.5	-82 20.6	-92.8	-23.3	95.7	520	NoChan*	23.0	2.4	51.8	54.4	-0.3	-4.2	50.0	50.0	52.7
14:10:30	0 0.0	0 0.0	295.6	318.5	389	0	NoChan*	0.3	0.6	49.9	52.4	0.1	173.5	135.8	8.5	92.1
14:11:00	27 52.5	-82 23.0	-78.1	-21.7	81.1	488	248.7	2.6	-0.5*	966.9	34.5	22.5	19.6	10.7	10.7	NoChan*
14:11:00	27 54.5	-82 21.9	-77.6	-21.8	80.7	500	248.8	2.5	-0.5*	968.1	34.6	22.4	19.5	11.5	11.5	NoChan*
14:11:00	27 54.2	-82 22.1	-77.6	-22.2	80.7	507	NoChan*	7.2	-5.9	35.8	38.1	-0.8	-3.5	50.0	50.0	56.8
14:11:00	0 0.0	0 0.0	295.5	320.0	383	0	NoChan*	-4.7	-1.1	34.9	36.3	0.0	145.3	137.2	9.6	77.2
14:11:30	27 52.1	-82 24.4	-78.8	-31.7	85.0	512	241.7	-0.0	-0.0	964.3	39.6	23.0	19.6	9.7	9.7	NoChan*
14:11:30	27 54.0	-82 23.4	-78.4	-31.8	84.6	525	241.9	-0.1	-0.0	965.6	39.6	22.7	19.4	10.3	10.3	NoChan*
14:11:30	27 53.8	-82 23.5	-78.4	-32.1	84.7	529	NoChan*	-0.2	-6.8	41.2	43.2	-0.4	-3.5	50.0	50.0	52.9
14:11:30	0 0.0	0 0.0	295.7	318.7	405	0	NoChan*	0.9	0.6	39.9	41.3	0.0	155.4	139.9	9.0	82.6
14:12:00	27 51.6	-82 25.9	-80.6	-36.0	88.3	523	240.3	0.1	-2.1	963.1	43.4	23.2	19.5	9.9	9.9	NoChan*
14:12:00	27 53.5	-82 24.8	-80.2	-36.2	88.0	537	240.2	-0.0	-2.2	964.4	43.4	22.9	19.2	10.5	10.5	NoChan*
14:12:00	27 53.2	-82 25.0	-80.2	-36.5	88.1	540	NoChan*	-3.1	-9.4	45.1	47.1	-0.5	-3.9	50.0	50.0	53.9
14:12:00	0 0.0	0 0.0	295.7	319.0	415	0	NoChan*	-0.5	0.2	43.5	45.3	0.1	162.6	140.5	8.3	86.4
14:12:30	27 50.9	-82 27.3	-71.1	-48.3	85.9	501	230.0*	0.1	-3.3	965.4	42.7	23.3	19.7	10.0	10.0	NoChan*
14:12:30	27 52.8	-82 26.2	-70.8	-48.5	85.8	517	229.7*	0.1	-3.3	966.7	42.8	23.1	19.4	10.6	10.6	NoChan*
14:12:30	27 52.5	-82 26.4	-70.8	-48.7	85.9	520	NoChan*	-1.6	-7.3	44.1	46.5	-0.5	-3.9	50.0	50.0	53.5
14:12:30	0 0.0	0 0.0	295.7	319.1	395	0	NoChan*	-4.6	-1.1	42.9	44.6	0.1	161.4	141.5	9.3	85.8
14:13:00	27 50.0	-82 28.5	-60.0	-54.7	81.2	464	221.1	-1.8	-1.2	970.1	39.2	23.4	20.1	9.9	9.9	NoChan*
14:13:00	27 52.0	-82 27.4	-59.7	-55.0	81.2	476	221.1	-1.9	-1.3	971.3	39.2	23.1	19.8	10.6	10.6	NoChan*
14:13:00	27 51.7	-82 27.6	-59.7	-55.3	81.3	479	NoChan*	3.4	-3.4	40.2	42.7	-0.1	-3.1	50.0	50.0	52.1
14:13:00	0 0.0	0 0.0	295.7	318.8	355	0	NoChan*	-3.9	-0.9	39.6	40.9	0.0	154.7	138.1	9.8	82.0
14:13:30	27 49.1	-82 29.5	-58.3	-54.9	80.1	348	220.1	-1.5	-1.0	983.5	39.1	24.4	21.2	10.3	10.3	NoChan*
14:13:30	27 51.1	-82 28.5	-58.0	-55.2	80.1	357	220.2	-1.6	-1.1	984.7	39.1	24.2	20.9	10.9	10.9	NoChan*
14:13:30	27 50.8	-82 28.7	-58.0	-55.5	80.3	361	NoChan*	3.3	-2.9	40.0	42.5	-0.4	-3.4	50.0	50.0	49.8
14:13:30	0 0.0	0 0.0	295.6	319.0	240	0	NoChan*	-6.2	-1.6	39.4	40.8	0.0	154.4	140.2	10.4	81.5
14:14:00	27 48.3	-82 30.6	-54.8	-53.4	76.5	336	217.9	1.8	-2.7*	984.9	35.4	23.9	21.0	11.5	11.5	NoChan*
14:14:00	27 50.2	-82 29.5	-54.6	-53.7	76.6	345	218.0	1.7	-2.8*	986.1	35.4	23.7	20.8	12.1	12.1	NoChan*
14:14:00	27 49.9	-82 29.7	-54.5	-53.9	76.7	348	NoChan*	4.6	-4.3	36.8	39.0	-0.5	-3.2	50.0	50.0	55.1
14:14:00	0 0.0	0 0.0	295.3	320.6	228	0	NoChan*	-0.5	0.2	35.8	37.2	0.0	147.0	137.7	10.1	77.5

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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
14:14:30	27 47.3	-82 31.5	-43.9	-55.0	70.4	345	211.1	1.4	0.8	983.9	30.9	23.3	20.7	12.7	12.7	NoChan*
14:14:30	27 49.3	-82 30.4	-43.7	-55.3	70.5	355	210.8	1.3	0.8	985.3	30.9	23.3	20.8	13.3	13.3	NoChan*
14:14:30	27 49.0	-82 30.6	-43.6	-55.6	70.7	358	NoChan*	10.5	-3.1	32.5	34.5	-0.5	-2.9	50.0	50.0	60.4
14:14:30	0 0.0	0 0.0	295.1	322.3	236	0	NoChan*	-1.3	-0.0	31.3	32.8	0.0	137.5	137.6	9.5	72.5
14:15:00	27 46.9	-82 32.6	-76.7	27.7	81.5	234	287.8*	1.7	24.9	996.1	30.7	23.8	21.3	14.1	14.1	NoChan*
14:15:00	27 48.8	-82 31.6	-76.5	27.4	81.2	241	287.7*	1.6	24.8	998.4	30.8	24.3	21.7	14.7	14.7	NoChan*
14:15:00	27 48.5	-82 31.8	-76.7	26.7	81.2	242	NoChan*	16.6	4.5	33.0	34.6	-0.5	-2.9	50.0	50.0	64.0
14:15:00	0 0.

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
14:19:30	27 50.0	-82 31.4	4.4	4.7	6.4	61	47.9	-1.2	-0.7	1025.7	0.3	21.9	21.9	16.6	16.6	NoChan*
14:19:30	27 51.9	-82 30.3	4.3	4.2	6.0	1	47.7	-1.2	-0.7	1025.8	0.3	21.9	21.9	17.6	17.6	NoChan*
14:19:30	27 51.5	-82 30.5	4.4	4.1	6.0	12	NoChan*	-0.1	1.3	0.5	0.5	-0.3	-0.3	50.0	50.0	72.7
14:19:30	0 0.0	0 0.0	292.9	326.3	-104	0	NoChan*	1.2	0.6	0.5	1.2	0.0	12.7	141.5	2.6	6.6
14:20:00	27 50.0	-82 31.3	5.0	-4.3	6.6	61	134.8	-0.9	-0.1	1025.8	0.5	22.1	22.0	16.8	16.8	NoChan*
14:20:00	27 51.8	-82 30.2	4.8	-4.8	6.8	1	135.0	-1.0	-0.1	1025.9	0.5	21.9	21.9	17.8	17.8	NoChan*
14:20:00	27 51.5	-82 30.4	5.0	-5.0	7.0	10	NoChan*	0.1	1.4	0.4	0.7	-0.3	-0.4	50.0	50.0	73.0
14:20:00	0 0.0	0 0.0	293.0	326.8	-105	0	NoChan*	-1.2	-0.5	0.7	1.3	0.0	17.2	101.4	2.6	8.9
14:20:30	27 49.9	-82 31.2	5.7	-5.0	7.6	61	135.1	-1.1	-0.2	1025.9	0.6	22.0	21.9	16.8	16.8	NoChan*
14:20:30	27 51.7	-82 30.1	5.5	-5.5	7.8	1	135.1	-1.2	-0.2	1025.9	0.7	21.8	21.8	17.6	17.6	NoChan*
14:20:30	27 51.4	-82 30.3	5.7	-5.7	8.0	11	NoChan*	-0.0	1.5	0.7	1.0	-0.2	-0.2	50.0	50.0	73.4
14:20:30	0 0.0	0 0.0	292.9	326.6	-105	0	NoChan*	-0.8	-0.2	1.0	1.5	0.0	19.9	124.0	2.7	10.3
14:21:00	27 49.8	-82 31.1	5.6	-4.8	7.4	61	135.2	-1.1	0.1	1025.9	0.6	22.0	21.9	16.8	16.8	NoChan*
14:21:00	27 51.7	-82 30.0	5.3	-5.3	7.5	1	134.9	-1.1	0.0	1025.9	0.7	21.8	21.8	17.8	17.8	NoChan*
14:21:00	27 51.3	-82 30.2	5.5	-5.5	7.8	8	NoChan*	0.1	1.4	0.6	0.8	-0.2	-0.2	50.0	50.0	73.6
14:21:00	0 0.0	0 0.0	292.9	326.8	-105	0	NoChan*	-0.5	-0.1	0.9	1.4	0.0	19.7	133.5	2.9	10.2
14:21:30	27 49.8	-82 31.0	4.9	-4.2	6.5	61	135.0	-1.0	-0.1	1026.0	0.6	21.9	21.8	16.9	16.9	NoChan*
14:21:30	27 51.6	-82 29.9	4.6	-4.7	6.6	1	135.0	-1.0	-0.1	1025.9	0.6	21.8	21.7	17.7	17.7	NoChan*
14:21:30	27 51.2	-82 30.1	4.8	-4.8	6.8	5	NoChan*	0.0	1.3	0.6	0.7	-0.6	-0.7	50.0	50.0	74.2
14:21:30	0 0.0	0 0.0	292.8	326.7	-105	0	NoChan*	-0.2	-0.1	0.9	1.2	0.0	19.2	139.4	3.5	9.9
14:22:00	27 49.7	-82 30.9	6.1	-0.9	6.2	61	102.1	-1.3	-0.3	1026.0	0.3	21.8	21.7	16.8	16.8	NoChan*
14:22:00	27 51.5	-82 29.8	5.7	-1.5	5.9	1	102.5	-1.4	-0.3	1026.0	0.4	21.6	21.6	17.6	17.6	NoChan*
14:22:00	27 51.2	-82 30.0	5.8	-1.7	6.1	4	NoChan*	-0.0	1.0	0.4	0.5	-0.1	-0.1	50.0	50.0	74.2
14:22:00	0 0.0	0 0.0	292.8	326.5	-105	0	NoChan*	0.1	-0.0	0.7	0.9	0.0	14.7	126.0	1.6	7.6
14:22:30	27 49.7	-82 30.8	4.9	-2.9	5.7	61	126.5	-1.7	0.2	1026.0	0.4	22.1	22.1	16.9	16.9	NoChan*
14:22:30	27 51.5	-82 29.8	4.5	-3.5	5.7	1	126.7	-1.7	0.1	1026.0	0.5	22.0	21.9	17.7	17.7	NoChan*
14:22:30	27 51.1	-82 29.9	4.7	-3.6	5.9	6	NoChan*	0.2	1.0	0.4	0.6	-0.2	-0.2	50.0	50.0	72.8
14:22:30	0 0.0	0 0.0	293.1	327.0	-106	0	NoChan*	-0.4	-0.1	0.8	1.1	0.0	15.7	124.2	2.4	8.1
14:23:00	27 49.6	-82 30.7	4.5	-2.2	5.0	61	124.4	-1.0	-0.3	1026.1	0.3	21.9	21.9	16.7	16.7	NoChan*
14:23:00	27 51.4	-82 29.7	4.0	-2.8	4.9	1	124.1	-1.1	-0.4	1026.0	0.3	21.8	21.7	17.5	17.5	NoChan*
14:23:00	27 51.1	-82 29.8	4.2	-2.9	5.1	6	NoChan*	-0.1	0.8	0.3	0.4	-0.2	-0.2	50.0	50.0	73.1
14:23:00	0 0.0	0 0.0	292.9	326.5	-106	0	NoChan*	-0.1	-0.0	0.6	1.0	0.0	12.5	145.3	1.6	6.5
14:23:30	27 49.6	-82 30.6	4.0	-1.3	4.2	61	118.2	-1.3	0.2	1026.0	0.2	21.9	21.9	16.7	16.7	NoChan*
14:23:30	27 51.4	-82 29.6	3.5	-1.9	4.0	2	118.2	-1.4	0.2	1026.0	0.3	21.7	21.7	17.6	17.6	NoChan*
14:23:30	27 51.0	-82 29.7	3.7	-2.0	4.2	3	NoChan*	-0.1	0.7	0.4	0.4	-0.2	-0.2	50.0	50.0	73.0
14:23:30	0 0.0	0 0.0	292.9	326.5	-106	0	NoChan*	0.0	-0.0	0.6	1.0	0.0	12.2	137.2	2.3	6.3
14:24:00	27 49.6	-82 30.6	4.0	-0.9	4.1	61	113.2	-1.5	-0.1	1026.1	0.2	22.0	22.0	16.7	16.7	NoChan*
14:24:00	27 51.4	-82 29.5	3.5	-1.5	3.8	2	113.4	-1.6	-0.1	1026.0	0.2	21.8	21.8	17.7	17.7	NoChan*
14:24:00	27 51.0	-82 29.7	3.7	-1.6	4.0	9	NoChan*	-0.1	0.7	0.2	0.3	-0.2	-0.2	50.0	50.0	72.5
14:24:00	0 0.0	0 0.0	293.0	326.6	-106	0	NoChan*	-0.1	-0.0	0.5	0.9	0.0	9.6	147.1	1.1	5.0

A/C 43, Flgt 040303I, Micro99 date 2004/03/03, Proj sar_pod Run on Wed Mar 3 10:19:24 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
14:24:30	27 49.6	-82 30.5	2.5	-1.5	2.9	61	135.0	-1.6	-0.4	1026.1	0.2	22.1	22.1	16.8	16.8	NoChan*
14:24:30	27 51.3	-82 29.5	2.0	-2.1	2.9	2	135.1	-1.7	-0.4	1026.0	0.2	21.9	21.9	17.6	17.6	NoChan*
14:24:30	27 51.0	-82 29.6	2.2	-2.2	3.1	8	NoChan*	0.1	0.9	0.1	0.3	-0.5	-0.5	50.0	50.0	72.6
14:24:30	0 0.0	0 0.0	293.1	326.8	-106	0	NoChan*	-0.3	-0.1	0.5	0.8	0.0	10.7	133.6	2.6	5.6

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ERROR COUNT:

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LAT_INE1: 10
LAT_INE2: 10
LAT_CLN: 6
LAT_ASH: 0
LONG_INE1: 10
LONG_INE2: 10
LONG_CLN: 6
LONG_ASH: 0
RA159: 1
RA232: 1
ALT_CLN: 4
ALT_ASH: 0
HDG_INE1: 3969
HDG_INE2: 3962
PRT5_SIDE: 15506
PRT5_DOWN: 15506
PITCH_INE1: 302
PITCH_INE2: 308
PDAF: 19
PDSF: 310
ROLL_INE1: 3881
ROLL_INE2: 3943
PDAR: 19
PDSR: 19
PSW: 20
PSF: 20
PQAF: 20
PQR: 19
PQF1: 19
PQF2: 19
PQSF: 19
PQW: 20
TT1: 20
TT2: 20
TT3: 25
TDM1: 20
TDM2: 20
TDM3: 20
AXBT1: 15506

AXBT2: 15506

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