A/C 43, Flgt 061010I, Micro99 date 2006/10/10, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
23:18:30	29 35.8	-95 9.9	6.0	6.1	8.6	15	43.5	-0.1	-0.0	1009.5	0.2	22.3	22.2	-16.9	-18.9	0.5
23:18:30	29 35.8	-95 9.9	6.0	6.2	8.6	1	43.5	-0.2	-0.2	250.6	0.2	22.5	22.5	17.6	17.6	0.0
23:18:30	29 35.8	-95 9.9	6.0	6.2	8.6	7	0.1	0.1	-0.5	0.2	0.3	50.0	49.9	20.8	20.8	4.7
23:18:30	29 35.8	-95 9.9	438.4	455.8	10348	11	28.0	0.0	0.8	0.2	0.5	0.0	12.1	42.7	4.1	12.6
23:19:00	29 35.9	-95 9.8	0.1	-0.1	0.1	14	42.3	-0.1	0.2	1009.5	-0.1	22.3	-32767.0	-16.9	-18.9	0.5
23:19:00	29 35.9	-95 9.8	0.0	0.0	0.1	1	42.1	-0.3	0.0	250.6	-0.1	22.6	-32767.0	17.6	17.6	0.0
23:19:00	29 35.9	-95 9.8	0.0	0.0	0.0	4	0.1	0.0	-0.6	0.0	0.0	50.0	-32767.0	20.8	20.8	-32767.0
23:19:00	29 35.9	-95 9.8	-32767.0	-32767.0	-32767	11	28.0	0.0	0.7	-0.1	0.2	0.0	-32767.0	-32767.0	-32767.0	-327
23:19:30	29 36.1	-95 9.5	32.4	33.9	46.9	14	43.9	-0.8	-0.2	1009.4	11.2	23.1	19.5	-16.9	-18.9	0.4
23:19:30	29 36.1	-95 9.5	32.3	34.0	46.9	1	43.6	-1.0	-0.3	250.6	11.2	23.1	19.4	23.0	23.0	0.0
23:19:30	29 36.1	-95 9.6	32.1	34.0	46.8	9	0.0	0.1	-3.4	13.0	13.5	50.0	46.0	21.3	21.3	5.7
23:19:30	29 36.1	-95 9.6	434.4	451.5	10348	12	28.1	-1.0	0.2	10.8	12.5	0.0	83.0	43.8	39.1	86.0
23:20:00	29 36.9	-95 8.7	56.2	57.7	80.5	14	45.4	7.3*	1.6*	1001.7	35.4	25.0	14.2	-16.9	-18.9	0.4
23:20:00	29 36.9	-95 8.7	56.1	57.9	80.7	48	45.4	7.2*	1.4*	250.6	35.4	25.1	14.0	22.7	22.7	0.0
23:20:00	29 36.9	-95 8.7	56.1	57.9	80.6	60	0.1	25.8	-0.3	36.8	41.3	50.0	38.0	21.6	21.6	8.2
23:20:00	29 36.9	-95 8.7	426.6	443.3	10348*	59	28.1	-12.4	-3.4	35.2	38.4	0.0	147.0	42.6	68.5	149.2
23:20:30	29 37.9	-95 7.6	57.0	71.6	91.5	15	39.3*	6.2*	-13.0*	984.2	49.3	25.6	11.2	-16.9	-18.9	0.3
23:20:30	29 37.9	-95 7.6	56.9	71.8	91.6	202	39.3*	6.0*	-13.1*	250.6	49.3	25.7	10.8	22.3	22.3	0.0
23:20:30	29 37.9	-95 7.6	57.2	71.3	91.4	205	0.1	40.6	0.0	49.7	56.9	50.0	33.8	20.9	20.9	10.1
23:20:30	29 37.9	-95 7.6	422.1	438.6	10348*	208	28.2	-26.6	-7.4	48.7	52.9	0.0	173.1	36.7	82.1	173.5
23:21:00	29 39.4	-95 7.1	9.4	102.9	103.3	14	6.6	7.1	-1.5*	969.1	66.0	27.1	8.5	-16.9	-18.9	0.3
23:21:00	29 39.4	-95 7.1	9.3	103.1	103.5	331	6.4	6.9	-1.6*	250.6	66.1	27.1	7.7	21.8	21.8	0.0
23:21:00	29 39.4	-95 7.1	9.3	103.1	103.5	331	0.1	31.8	-9.6	67.6	74.1	50.0	29.1	21.1	21.1	12.2
23:21:00	29 39.4	-95 7.1	418.2	434.5	10348*	332	28.2	-15.6	-4.4	66.5	70.5	0.0	199.7	5.8	94.2	197.9
23:21:30	29 41.1	-95 6.9	7.5	104.1	104.3	14	4.0*	7.3	0.2*	942.5	67.3	29.8	10.7	-16.9	-18.9	0.3
23:21:30	29 41.1	-95 6.9	7.4	104.3	104.6	567	3.7*	7.1	-0.0*	250.6	67.4	29.8	9.9	18.5	18.5	0.0
23:21:30	29 41.1	-95 6.9	7.4	104.3	104.6	574	0.1	31.8	-10.9	69.1	75.3	50.0	28.7	17.9	17.9	10.4
23:21:30	29 41.1	-95 6.9	421.5	437.9	10348*	574	28.2	-12.0	-2.9	67.7	71.6	0.0	201.8	2.2	95.9	200.6
23:22:00	29 42.8	-95 6.8	9.5	106.4	106.9	14	4.5*	6.4	-0.3*	920.9	67.8	28.1	9.1	-16.9	-18.9	0.3
23:22:00	29 42.8	-95 6.8	9.5	106.7	107.1	764	4.4*	6.2	-0.4*	250.6	67.9	28.1	8.2	17.2	17.2	0.0
23:22:00	29 42.8	-95 6.8	9.4	106.6	107.0	777	0.1	32.5	-11.0	68.6	75.7	50.0	28.6	17.4	17.4	11.7
23:22:00	29 42.8	-95 6.8	419.0	435.3	10348*	777	23.9	-21.5	-5.8	68.0	72.1	0.0	202.4	0.2	93.7	200.6
23:22:30	29 44.5	-95 6.4	57.1	99.9	115.1	14	29.0*	4.5*	23.7	904.4	73.6	27.8	7.5	-16.9	-18.9	0.3
23:22:30	29 44.6	-95 6.4	57.0	100.2	115.3	922	29.2*	4.3*	23.5	250.6	73.6	28.0	6.7	14.2	14.2	0.0
23:22:30	29 44.6	-95 6.4	56.6	100.4	115.2	924	0.1	40.1	-10.3	74.7	82.0	50.0	27.1	14.0	14.0	13.1
23:22:30	29 44.6	-95 6.4	416.7	432.9	10348*	924	22.8	-18.4	-5.5	73.8	79.4	0.0	210.6	21.8	93.0	207.7
23:23:00	29 45.3	-95 4.6	116.2	-10.1	116.6	14	92.6	6.6	3.8*	880.4	63.5	26.1	8.1	-16.9	-18.9	0.3
23:23:00	29 45.4	-95 4.6	116.1	-9.8	116.5	1164	92.4	6.4	3.6*	250.6	63.6	26.3	7.6	12.9	12.9	0.0
23:23:00	29 45.4	-95 4.6	115.9	-10.2	116.4	1167	0.1	25.3	-12.4	64.8	70.3	50.0	29.8	12.3	12.3	12.5
23:23:00	29 45.4	-95 4.6	417.6	433.9	10348*	1168	22.3	-14.3	-4.0	63.7	67.6	0.0	196.0	85.7	77.9	194.2

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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
23:23:30	29 45.1	-95 2.4	118.5	-17.1	119.7	14	95.7	5.6	0.5	863.7	60.3	25.5	8.3	-16.9	-18.9	0.3
23:23:30	29 45.1	-95 2.4	118.4	-16.8	119.6	1316	95.6	5.4	0.4	250.6	60.4	26.0	8.1	11.8	11.8	0.0
23:23:30	29 45.1	-95 2.4	118.3	-16.9	119.5	1329	0.1	34.3	-7.3	61.6	67.5	50.0	30.7	11.1	11.1	12.4
23:23:30	29 45.1	-95 2.4	417.9	434.1	10348*	1333	22.3	-17.8	-5.4	60.5	64.5	0.0	191.2	87.3	70.8	189.8
23:24:00	29 44.2	-95 0.5	64.2	-104.2	122.4	14	152.4*	6.1	17.8*	847.2	57.6	23.9	7.5	-16.9	-18.9	0.3
23:24:00	29 44.2	-95 0.5	64.3	-103.9	122.2	1472	152.4*	6.0	17.6*	250.6	57.7	24.5	7.4	11.3	11.3	0.0
23:24:00	29 44.2	-95 0.5	64.1	-104.1	122.2	1487	0.1	37.7	-5.3	59.0	64.8	50.0	31.4	11.0	11.0	13.1
23:24:00	29 44.2	-95 0.5	416.7	432.9	10348*	1487	22.9	-17.2	-5.0	57.7	62.7	0.0	186.9	151.6	63.0	185.5
23:24:30	29 42.4	-94 59.4	59.6	-110.6	125.7	15	155.5*	5.5	-1.6	833.6	59.2	23.9	7.1	-16.9	-18.9	0.3
23:24:30	29 42.5	-94 59.4	59.7	-110.4	125.5	1618	155.3*	5.3	-1.7	250.6	59.3	24.5	7.0	9.7	9.7	0.0
23:24:30	29 42.4	-94 59.4	59.3	-110.6	125.5	1633	0.1	37.0	-6.2	61.1	66.4	50.0	31.0	9.5	9.5	13.5
23:24:30	29 42.5	-94 59.5	416.1	432.2	10348*	1634	24.2	-10.1	-3.2	59.5	64.2	0.0	189.5	161.4	62.7	187.8
23:25:00	29 40.6	-94 58.3	63.4	-111.5	128.3	14	154.1	6.4	1.9	818.7	58.7	23.2	6.6	-16.9	-18.9	0.3
23:25:00	29 40.7	-94 58.3	63.4	-111.2	128.0	1773	153.9	6.3	1.7	250.6	58.8	23.8	6.5	8.5	8.5	0.0
23:25:00	29 40.6	-94 58.3	63.2	-111.4	128.1	1780	0.0	37.2	-5.4	60.6	66.0	50.0	31.1	8.1	8.1	14.0
23:25:00	29 40.7	-94 58.3	415.3	431.5	10348*	1787	22.2	-11.7	-3.9	58.9	63.4	0.0	188.7	158.9	58.9	186.9
23:25:30	29 38.7	-94 57.2	52.0	-117.7	128.7	14	161.3*	6.0	15.4*	801.4	59.5	21.9	5.2	-16.9	-18.9	0.3
23:25:30	29 38.8	-94 57.2	52.0	-117.4	128.4	1959	161.4*	5.8	15.2*	250.6	59.6	22.5	5.1	8.1	8.1	0.0
23:25:30	29 38.8	-94 57.2	52.0	-117.5	128.5	1966	0.1	33.1	-6.9	61.0	66.5	50.0	30.9	7.9	7.9	15.5
23:25:30	29 38.8	-94 57.2	413.2	429.2	10348*	1970	23.2	-13.2	-3.6	59.8	64.0	0.0	190.0	165.7	59.3	187.6
23:26:00	29 36.9	-94 57.3	-69.8	-89.4	113.5	6670*	230.5*	5.8*	25.8	787.5	59.1	20.9	4.3	-16.9	-18.9	0.3
23:26:00	29 36.9	-94 57.4	-69.8	-89.2	113.2	2101	230.4*	5.6*	25.6	250.6	59.2	21.4	4.1	7.6	7.6	0.0
23:26:00	29 36.9	-94 57.4	-69.9	-89.7	113.7	2106	0.1	42.6	-3.4	60.7	66.6	50.0	31.0	6.7	6.7	16.5
23:26:00	29 36.9	-94 57.4	411.9	427.8	10348*	2110	22.6	-14.2	-3.9	59.2	64.7	0.0	189.2	241.1	76.8	186.6
23:26:30	29 36.4	-94 59.1	-96.1	25.7	99.5	6611*	292.8*	5.9	9.7*	777.5	59.9	19.8	3.1	-16.9	-18.9	0.3
23:26:30	29 36.5	-94 59.1	-96.1	26.0	99.6	2205	292.8*	5.8	9.5*	250.6	60.0	20.3	2.9	8.3	8.3	0.0
23:26:30	29 36.4	-94 59.1	-96.7	25.6	100.1	2218	0.1	43.1	-3.4	60.6	67.6	50.0	30.8	7.0	7.0	18.0
23:26:30	29 36.4	-94 59.1	410.1	426.0	10348*	2221	20.5	-23.6	-7.4	59.9	65.5	0.0	190.6	295.3	88.7	187.5
23:27:00	29 36.9	-95 0.8	-93.5	35.7	100.0	6969*	295.7	6.6	-0.8*	762.3	62.0	18.7	1.6	-16.9	-18.9	0.3
23:27:00	29 37.0	-95 0.9	-93.5	36.0	100.1	2378	295.8	6.4	-0.9*	250.6	62.1	19.2	1.3	7.4	7.4	0.0
23:27:00	29 37.0	-95 0.9	-93.9	35.9	100.5	2388	0.1	35.0	-7.4	63.2	69.2	50.0	30.2	8.3	8.3	20.1
23:27:00	29 36.9	-95 0.9	407.9	423.6	10348*	2389	21.6	-16.4	-4.5	62.3	67.0	0.0	193.8	298.3	90.1	190.0
23:27:30	29 37.5	-95 2.6	-93.5	36.4	100.4	6152*	294.1	6.3	1.4	745.6	61.2	17.0	0.1	-16.9	-18.9	0.3
23:27:30	29 37.6	-95 2.6	-93.5	36.7	100.4	2553	293.9	6.1	1.3	250.6	61.3	17.3	-0.3	9.5	9.5	0.0
23:27:30	29 37.5	-95 2.7	-94.1	36.4	100.9	2576	0.1	33.0	-7.8	62.2	68.3	50.0	30.4	9.1	9.1	22.4
23:27:30	29 37.5	-95 2.6	405.7	421.3	10348*	2576	20.4	-16.5	-4.9	61.4	65.8	0.0	192.5	294.2	87.8	188.3
23:28:00	29 38.1	-95 4.3	-95.7	37.2	102.7	9976	293.0	6.2*	-2.1*	731.6	64.4	16.4	-1.2	-16.9	-18.9	0.3
23:28:00	29 38.2	-95 4.3	-95.7	37.5	102.8	2733	292.8	6.0*	-2.2*	250.6	64.5	16.6	-1.7	8.4	8.4	0.0
23:28:00	29 38.1	-95 4.4	-96.2	37.6	103.2	2727	0.1	39.0	-6.7	65.9	71.9	50.0	29.5	8.7	8.7	24.7
23:28:00	29 38.1	-95 4.4	403.8	419.3	10348*	2726	20.3	-10.8	-3.0	64.7	69.6	0.0	197.5	293.9	89.6	192.4

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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
23:28:30	29 38.7	-95 6.1	-90.4	43.2	100.2	9976	294.4*	6.5	-1.5*	714.1	61.9	15.3	-1.6	-16.9	-18.9	0.3
23:28:30	29 38.8	-95 6.1	-90.3	43.6	100.3	2924	294.3*	6.3	-1.6*	250.6	62.0	15.6	-2.0	8.9	8.9	0.0
23:28:30	29 38.8	-95 6.2	-90.8	43.6	100.7	2931	0.1	31.5	-8.3	63.7	68.9	50.0	30.2	7.6	7.6	25.5
23:28:30	29 38.8	-95 6.1	403.1	418.7	10348*	2928	18.5	-6.0	-1.7	62.2	66.3	0.0	193.6	292.7	88.4	188.7
23:29:00	29 39.4	-95 7.7	-91.8	42.8	101.3	9976	294.3	5.8	0.5*	700.6	62.3	14.5	-2.4	-16.9	-18.9	0.3
23:29:00	29 39.5	-95 7.8	-91.8	43.2	101.4	3062	294.4	5.6	0.4*	250.6	62.4	14.7	-3.0	8.8	8.8	0.0
23:29:00	29 39.5	-95 7.9	-92.3	43.1	101.9	3090	0.1	35.9	-6.3	63.4	69.5	50.0	30.1	7.4	7.4	27.1
23:29:00	29 39.5	-95 7.8	401.9	417.4	10348*	3087	17.4	-14.0	-3.7	62.6	67.2	0.0	194.3	291.0	87.8	189.0
23:29:30	29 40.1	-95 9.5	-92.8	43.0	102.3	9976	293.0	3.6*	-0.1	689.1	65.3	13.9	-3.7	-16.9	-18.9	0.3
23:29:30	29 40.2	-95 9.5	-92.8	43.3	102.4	3207	292.7	3.5*	-0.2	250.6	65.4	14.1	-4.3	8.4	8.4	0.0
23:29:30	29 40.2	-95 9.6	-93.3	43.1	102.7	3232	0.1	21.2	-13.5	65.3	72.0	50.0	29.3	7.6	7.6	29.8
23:29:30	29 40.2	-95 9.6	400.1	415.5	10348*	3231	16.0	-22.1	-6.9	65.4	69.1	0.0	198.8	286.9	90.8	192.7
23:30:00	29 40.9	-95 11.3	-101.5	50.3	113.3	9976	294.6	1.4*	-1.5	687.8	79.2	15.2	-5.4	-16.9	-18.9	0.3
23:30:00	29 41.0	-95 11.3	-101.4	50.7	113.4	3219	294.3	1.3*	-1.7	250.6	79.3	15.3	-6.5	8.5	8.5	0.0
23:30:00	29 40.9	-95 11.4	-102.0	50.5	113.8	3237	0.1	21.7	-17.0	79.1	86.2	50.0	25.6	8.0	8.0	34.1
23:30:00	29 40.9	-95 11.4	397.4	412.7	10348*	3241	14.7	-19.4	-5.9	79.4	83.8	0.0	218.4	289.9	96.7	209.8
23:30:30	29 41.7	-95 13.2	-105.6	47.7	115.8	9976	293.9	2.4	-3.2	688.8	82.1	16.0	-5.3	-16.9	-18.9	0.3
23:30:30	29 41.8	-95 13.2	-105.5	48.1	115.9	3201	293.8	2.3	-3.4	250.6	82.2	16.1	-6.4	7.5	7.5	0.0
23:30:30	29 41.8	-95 13.4	-106.0	48.0	116.4	3223	0.1	29.0	-15.5	81.8	89.1	50.0	24.8	8.2	8.2	33.9
23:30:30	29 41.7	-95 13.3	397.6	412.9	10348*	3224	19.9	-18.6	-5.0	82.4	87.1	0.0	222.3	291.2	97.5	213.3
23:31:00	29 42.6	-95 15.0	-66.2	96.9	117.4	9976	321.6*	2.0	24.0	687.4	77.3	16.1	-4.2	-16.9	-18.9	0.3
23:31:00	29 42.8	-95 15.0	-66.2	97.3	117.7	3212	321.7*	1.9	23.8	250.6	77.4	16.3	-5.1	7.5	7.5	0.0
23:31:00	29 42.7	-95 15.2	-67.1	96.9	117.9	3231	0.1	36.2	-11.0	77.3	84.4	50.0	26.1	8.1	8.1	31.2
23:31:00	29 42.7	-95 15.2	399.2	414.6	10348*	3231	20.4	-18.6	-4.0	77.6	82.8	0.0	215.9	310.5	92.4	208.0
23:31:30	29 44.6	-95 15.6	-17.9	124.0	125.3	9976	344.0	2.7	-0.3	688.6	76.8	16.6	-3.7	-16.9	-18.9	0.3
23:31:30	29 44.7	-95 15.6	-17.8	124.4	125.7	3202	343.8	2.6	-0.4	250.6	76.9	16.8	-4.5	6.6	6.6	0.0
23:31:30	29 44.6	-95 15.7	-18.3	124.3	125.7	3228	0.1	30.3	-13.0	77.0	83.6	50.0	26.2	7.4	7.4	29.8
23:31:30	29 44.6	-95 15.7	400.1	415.5	10348*	3225	19.4	-15.1	-4.7	77.1	81.6	0.0	215.1	330.2	85.7	207.5
23:32:00	29 46.6	-95 15.9	-14.9	126.4	127.2	9976	345.2	2.5	-1.1	688.4	80.2	16.7	-4.2	-16.9	-18.9	0.3
23:32:00	29 46.7	-95 15.9	-14.7	126.8	127.6	3193	345.0	2.3	-1.3	250.6	80.3	16.9	-5.2	7.2	7.2	0.0
23:32:00	29 46.7	-95 16.0	-15.3	126.6	127.5	3227	0.1	28.5	-14.8	80.2	87.2	50.0	25.3	7.7	7.7	31.2
23:32:00	29 46.6	-95 16.0	399.2	414.6	10348*	3228	19.5	-16.4	-4.6	80.5	85.3	0.0	219.7	331.2	88.0	211.4
23:32:30	29 48.6	-95 16.2	-15.2	125.9	126.8	9976	345.8	2.2	-2.1	688.1	84.3	17.2	-4.6	-16.9	-18.9	0.3
23:32:30	29 48.8	-95 16.2	-15.1	126.3	127.2	3216	346.0	2.0	-2.3	250.6	84.4	17.3	-5.7	5.9	5.9	0.0
23:32:30	29 48.7	-95 16.3	-15.6	126.2	127.1	3232	0.1	24.5	-17.6	83.9	91.2	50.0	24.3	5.7	5.7	32.0
23:32:30	29 48.7	-95 16.3	398.7	414.0	10348*	3232	20.5	-19.7	-5.9	84.5	89.5	0.0	225.1	333.2	92.5	216.1
23:33:00	29 50.7	-95 16.5	-17.7	124.0	125.3	9976	343.9	2.3	-1.4	688.8	85.9	17.8	-4.3	-16.9	-18.9	0.3
23:33:00	29 50.8	-95 16.5	-17.6	124.4	125.7	3197	343.8	2.1	-1.5	250.6	86.0	18.0	-5.5	3.8	3.8	0.0
23:33:00	29 50.8	-95 16.6	-18.2	124.3	125.6	3223	0.1	23.1	-19.0	85.5	93.0	50.0	23.9	2.3	2.3	31.4
23:33:00	29 50.7	-95 16.6	399.1	414.4	10348*	3223	20.8	-20.2	-6.1	86.1	91.2	0.0	227.2	330.9	96.5	218.1

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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
23:33:30	29 52.7	-95 16.8	-17.9	124.3	125.5	9976	343.4	2.2	-1.3	688.7	84.6	18.4	-3.5	-16.9	-18.8	0.3
23:33:30	29 52.9	-95 16.8	-17.8	124.7	125.9	3189	343.1	2.0	-1.4	250.6	84.7	18.7	-4.6	1.4	1.4	0.0
23:33:30	29 52.8	-95 17.0	-18.3	124.5	125.8	3216	0.1	29.0	-16.2	84.4	91.6	50.0	24.2	1.1	1.1	29.5
23:33:30	29 52.8	-95 17.0	400.3	415.7	10348*	3222	19.2	-17.2	-5.4	84.9	90.0	0.0	225.5	330.0	95.2	216.9
23:34:00	29 54.7	-95 17.1	-18.3	123.4	124.7	9976	343.0	2.4	-1.6	688.8	81.8	19.0	-2.5	-16.9	-18.9	0.3
23:34:00	29 54.9	-95 17.1	-18.2	123.8	125.1	3198	342.7	2.3	-1.7	250.6	81.9	19.2	-

A/C 43, Flgt 061010I, Micro99 date 2006/10/10, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
23:38:30	30 10.8	-95 24.3	-58.6	102.9	118.4	9976	325.0	2.3	-2.1	688.7	80.0	18.7	-2.4	-16.9	-18.9	0.3
23:38:30	30 11.0	-95 24.2	-58.3	103.4	118.7	3181	325.1	2.2	-2.2	250.6	80.1	18.9	-3.3	-1.8	-2.1	0.0
23:38:30	30 10.9	-95 24.5	-58.8	103.2	118.7	3226	0.1	26.5	-16.3	80.0	86.7	50.0	25.4	-0.9	-1.0	27.0
23:38:30	30 10.9	-95 24.5	402.0	417.5	10348*	3222	19.0	-16.4	-5.4	80.3	84.9	0.0	219.5	316.2	95.2	212.0
23:39:00	30 12.5	-95 25.4	-60.6	101.0	117.7	9976	324.0	2.7	-1.4	688.8	77.9	18.5	-2.1	-16.9	-18.9	0.3
23:39:00	30 12.7	-95 25.3	-60.3	101.4	118.0	3162	324.0	2.5	-1.6	250.6	77.9	18.7	-3.0	-2.6	-3.0	0.0
23:39:00	30 12.6	-95 25.6	-60.8	101.2	118.1	3221	0.1	29.3	-14.7	78.0	84.5	50.0	25.9	-1.7	-1.9	26.5
23:39:00	30 12.6	-95 25.6	402.4	417.9	10348*	3220	18.8	-15.2	-4.9	78.2	82.8	0.0	216.6	315.7	93.1	209.4
23:39:30	30 14.1	-95 26.5	-54.6	104.5	117.9	9976	328.0	3.0	-0.2	689.0	75.6	17.4	-2.7	-16.9	-18.9	0.3
23:39:30	30 14.4	-95 26.4	-54.4	104.9	118.2	3191	327.8	2.8	-0.3	250.6	75.6	17.6	-3.5	-0.1	-0.1	0.0
23:39:30	30 14.3	-95 26.7	-54.8	104.7	118.2	3234	0.1	30.7	-13.4	75.8	82.3	50.0	26.5	1.2	1.2	27.6
23:39:30	30 14.2	-95 26.7	401.6	417.0	10348*	3217	18.6	-15.9	-5.1	75.9	80.5	0.0	213.4	319.9	89.7	206.4
23:40:00	30 15.8	-95 27.5	-53.0	104.9	117.5	9976	329.3	2.9	-1.3	688.9	76.4	17.3	-2.9	-16.9	-18.9	0.3
23:40:00	30 16.1	-95 27.4	-52.7	105.3	117.8	3181	329.0	2.8	-1.5	250.6	76.5	17.6	-3.7	-2.9	-3.3	0.0
23:40:00	30 16.0	-95 27.7	-53.2	105.2	117.8	3217	0.1	29.9	-13.5	76.7	83.1	50.0	26.3	-1.7	-2.0	28.1
23:40:00	30 15.9	-95 27.7	401.3	416.7	10348*	3217	18.4	-14.5	-4.6	76.8	81.4	0.0	214.6	322.3	90.8	207.4
23:40:30	30 17.5	-95 28.5	-54.7	104.0	117.5	9976	330.0	2.9	-1.9	689.1	74.9	16.7	-3.2	-16.9	-18.9	0.3
23:40:30	30 17.8	-95 28.4	-54.4	104.4	117.7	3157	330.1	2.8	-2.1	250.6	74.9	16.9	-3.9	-3.0	-3.4	0.0
23:40:30	30 17.7	-95 28.7	-54.8	104.2	117.7	3211	0.1	30.7	-12.6	75.1	81.5	50.0	26.7	-2.0	-2.3	28.7
23:40:30	30 17.6	-95 28.7	400.8	416.3	10348*	3216	18.4	-15.3	-4.9	75.1	79.7	0.0	212.5	325.0	88.3	205.3
23:41:00	30 19.2	-95 29.5	-56.2	102.7	117.1	9976	329.3	3.1	-1.4	689.0	73.8	16.6	-3.0	-16.9	-18.9	0.3
23:41:00	30 19.5	-95 29.4	-56.0	103.2	117.4	3142	329.3	2.9	-1.5	250.6	73.9	16.9	-3.8	-4.2	-4.8	0.0
23:41:00	30 19.3	-95 29.7	-56.4	103.0	117.4	3210	0.1	31.6	-12.2	74.1	80.5	50.0	27.0	-2.5	-2.9	28.3
23:41:00	30 19.3	-95 29.7	401.1	416.5	10348*	3216	18.1	-16.4	-5.4	74.1	78.7	0.0	211.0	324.3	87.3	204.1
23:41:30	30 20.9	-95 30.6	-56.9	103.1	117.8	9976	329.3	2.8	-1.6	688.8	74.5	16.6	-3.1	-16.9	-18.9	0.3
23:41:30	30 21.1	-95 30.5	-56.6	103.6	118.0	3125	329.0	2.7	-1.8	250.6	74.6	16.9	-3.9	-4.7	-5.3	0.0
23:41:30	30 21.0	-95 30.8	-57.0	103.3	118.0	3212	0.1	31.2	-12.3	74.7	81.2	50.0	26.8	-3.3	-3.8	28.6
23:41:30	30 21.0	-95 30.8	400.9	416.3	10348*	3217	17.7	-15.8	-5.1	74.8	79.4	0.0	211.9	324.5	87.4	204.9
23:42:00	30 22.5	-95 31.6	-57.4	104.1	118.8	9976	329.0	2.6	-1.2	688.8	76.4	16.8	-3.4	-16.9	-18.9	0.3
23:42:00	30 22.8	-95 31.5	-57.1	104.5	119.1	3110	328.7	2.5	-1.4	250.6	76.5	17.0	-4.2	-5.3	-6.0	0.0
23:42:00	30 22.7	-95 31.9	-57.5	104.3	119.0	3215	0.1	30.1	-13.1	76.5	83.1	50.0	26.3	-3.2	-3.7	29.2
23:42:00	30 22.7	-95 31.9	400.5	415.9	10348*	3218	17.5	-16.1	-5.2	76.7	81.3	0.0	214.6	323.8	88.7	207.2
23:42:30	30 24.2	-95 32.7	-57.6	105.8	120.5	9976	329.2	2.3	-1.5	689.7	78.6	17.1	-3.5	-16.9	-18.9	0.3
23:42:30	30 24.5	-95 32.6	-57.3	106.3	120.7	3117	329.3	2.1	-1.6	250.6	78.6	17.3	-4.4	-5.0	-5.7	0.0
23:42:30	30 24.4	-95 33.0	-57.6	106.0	120.7	3205	0.1	28.3	-13.6	78.7	85.2	50.0	25.8	-3.4	-3.8	29.5
23:42:30	30 24.4	-95 32.9	400.3	415.7	10348*	3207	17.6	-15.9	-5.2	78.9	83.6	0.0	217.5	324.0	89.7	209.7
23:43:00	30 26.0	-95 33.8	-57.6	106.5	121.1	9976	329.2	2.7	-1.4	690.2	78.4	17.1	-3.5	-16.9	-18.9	0.3
23:43:00	30 26.3	-95 33.7	-57.3	106.9	121.3	3117	329.1	2.5	-1.5	250.6	78.5	17.3	-4.4	-5.7	-6.5	0.0
23:43:00	30 26.1	-95 34.0	-57.6	106.7	121.3	3199	0.1	29.1	-14.5	78.6	85.1	50.0	25.8	-4.0	-4.5	29.5
23:43:00	30 26.1	-95 34.0	400.3	415.7	10348*	3200	17.4	-15.3	-5.0	78.7	83.5	0.0	217.3	323.8	89.0	209.6

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
23:43:30	30 27.7	-95 34.9	-57.3	107.4	121.7	9976	329.1	2.5	-1.2	690.1	79.0	17.0	-3.7	-16.9	-18.9	0.3
23:43:30	30 28.0	-95 34.8	-57.1	107.8	121.9	3124	328.8	2.4	-1.4	250.6	79.0	17.2	-4.6	-3.2	-3.6	0.0
23:43:30	30 27.9	-95 35.1	-57.4	107.6	121.9	3205	0.1	28.6	-14.5	79.1	85.6	50.0	25.6	-1.2	-1.4	30.0
23:43:30	30 27.8	-95 35.1	400.0	415.3	10348*	3202	17.3	-15.8	-5.1	79.3	84.0	0.0	218.1	323.0	89.0	210.1
23:44:00	30 29.5	-95 35.9	-56.7	108.6	122.5	9976	329.2	2.4	-1.2	689.9	80.4	17.2	-3.8	-16.9	-18.9	0.3
23:44:00	30 29.8	-95 35.8	-56.4	109.0	122.7	3142	328.9	2.2	-1.4	250.6	80.5	17.5	-4.7	-2.9	-3.3	0.0
23:44:00	30 29.6	-95 36.2	-56.7	108.8	122.7	3201	0.1	28.0	-14.7	80.5	87.1	50.0	25.3	-1.3	-1.4	30.1
23:44:00	30 29.6	-95 36.2	399.9	415.2	10348*	3203	17.4	-15.4	-5.0	80.7	85.5	0.0	220.0	322.7	90.1	211.8
23:44:30	30 31.2	-95 37.0	-56.3	109.2	122.9	9976	329.4	2.3	-1.4	690.0	81.1	17.3	-3.8	-16.9	-18.9	0.3
23:44:30	30 31.5	-95 36.9	-56.0	109.7	123.1	3124	329.5	2.2	-1.5	250.6	81.2	17.6	-4.8	-3.9	-4.4	0.0
23:44:30	30 31.4	-95 37.2	-56.3	109.4	123.1	3199	0.1	27.5	-15.0	81.2	87.8	50.0	25.1	-1.3	-1.4	30.2
23:44:30	30 31.4	-95 37.2	399.8	415.2	10348*	3202	17.4	-14.9	-4.8	81.4	86.2	0.0	220.9	322.9	90.5	212.7
23:45:00	30 33.0	-95 38.0	-55.9	109.7	123.2	9976	329.4	2.2	-1.3	689.9	82.0	17.6	-3.7	-16.9	-18.9	0.3
23:45:00	30 33.3	-95 37.9	-55.6	110.1	123.4	3136	329.3	2.1	-1.5	250.6	82.1	17.9	-4.7	-7.1	-7.9	0.0
23:45:00	30 33.2	-95 38.3	-55.9	109.9	123.3	3201	0.1	26.7	-15.3	82.0	88.7	50.0	24.9	-5.2	-5.9	30.0
23:45:00	30 33.1	-95 38.3	400.0	415.4	10348*	3202	17.4	-15.3	-4.9	82.3	87.1	0.0	222.1	322.5	91.5	213.7
23:45:30	30 34.8	-95 39.1	-55.7	110.2	123.5	9976	329.5	2.4	-1.5	690.1	81.3	17.5	-3.7	-16.9	-18.9	0.3
23:45:30	30 35.1	-95 39.0	-55.4	110.6	123.7	3127	329.3	2.2	-1.6	250.6	81.3	17.7	-4.7	-6.6	-7.4	0.0
23:45:30	30 35.0	-95 39.3	-55.7	110.3	123.6	3202	0.1	27.6	-15.1	81.3	88.0	50.0	25.1	-4.5	-5.1	29.9
23:45:30	30 34.9	-95 39.3	400.0	415.4	10348*	3201	17.4	-15.1	-4.8	81.6	86.4	0.0	221.1	322.5	90.4	212.9
23:46:00	30 36.6	-95 40.1	-55.9	110.3	123.7	9976	329.7	2.3	-1.3	690.0	81.9	17.2	-4.1	-16.9	-18.9	0.3
23:46:00	30 36.9	-95 40.0	-55.6	110.7	123.9	3107	329.4	2.1	-1.5	250.6	82.0	17.5	-5.1	-4.6	-5.2	0.0
23:46:00	30 36.7	-95 40.4	-55.8	110.5	123.8	3201	0.1	26.9	-15.3	82.0	88.7	50.0	24.9	-2.7	-3.0	30.9
23:46:00	30 36.7	-95 40.4	399.4	414.7	10348*	3201	17.4	-15.7	-5.0	82.2	87.1	0.0	222.0	323.0	90.7	213.6
23:46:30	30 38.4	-95 41.2	-56.2	110.6	124.0	9976	329.7	2.2	-1.4	690.0	82.3	17.1	-4.3	-16.9	-18.9	0.3
23:46:30	30 38.7	-95 41.0	-55.9	111.0	124.2	3118	329.8	2.0	-1.5	250.6	82.4	17.4	-5.2	-3.8	-4.3	0.0
23:46:30	30 38.5	-95 41.4	-56.1	110.7	124.1	3198	0.1	27.0	-15.6	82.3	89.0	50.0	24.8	-1.9	-2.1	31.2
23:46:30	30 38.5	-95 41.4	399.2	414.5	10348*	3201	17.4	-15.2	-4.9	82.6	87.5	0.0	222.5	323.0	90.7	213.9
23:47:00	30 40.2	-95 42.2	-56.2	111.0	124.4	9976	329.4	2.4	-1.4	690.1	81.8	17.2	-4.1	-16.9	-18.9	0.3
23:47:00	30 40.5	-95 42.1	-55.9	111.4	124.6	3098	329.4	2.2	-1.6	250.6	81.9	17.4	-5.1	-4.8	-5.4	0.0
23:47:00	30 40.3	-95 42.5	-56.1	111.1	124.5	3194	0.1	27.8	-16.0	81.8	88.5	50.0	24.9	-3.1	-3.5	30.9
23:47:00	30 40.3	-95 42.5	399.4	414.7	10348*	3198	17.3	-15.2	-4.8	82.1	86.9	0.0	221.9	322.3	89.9	213.4
23:47:30	30 42.0	-95 43.3	-56.1	111.2	124.5	9976	329.6	2.2	-1.5	690.0	82.6	17.1	-4.3	-16.9	-18.9	0.3
23:47:30	30 42.3	-95 43.1	-55.8	111.5	124.7	3103	329.4	2.1	-1.7	250.6	82.7	17.4	-5.3	-5.2	-5.9	0.0
23:47:30	30 42.1	-95 43.5	-56.0	111.3	124.6	3192	0.1	26.2	-16.5	82.7	89.3	50.0	24.7	-3.1	-3.5	31.4
23:47:30	30 42.1	-95 43.5	399.1	414.4	10348*	3198	17.2	-14.4	-4.6	82.9	87.8	0.0	222.9	323.0	90.6	214.3
23:48:00	30 43.8	-95 44.3	-56.8	111.0	124.7	9976	329.7	2.2	-1.6	690.0	82.9	16.9	-4.6	-16.9	-18.9	0.3
23:48:00	30 44.1	-95 44.2	-56.5	111.3	124.8	3103	329.5	2.0	-1.7	250.6	83.0	17.2	-5.6	-2.6	-2.9	0.0
23:48:00	30 43.9	-95 44.6	-56.7	111.1	124.7	3192	0.1	26.3	-16.5	82.9	89.7	50.0	24.6	-1.0	-1.2	32.0
23:48:00	30 43.9	-95 44.6	398.7	414.0	10348*	3199	17.1	-15.4	-4.9	83.2	88.1	0.0	223.3	323.4	90.5	214.5

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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
23:48:30	30 45.6	-95 45.4	-53.6	113.3	125.4	9976	331.4	2.2	-0.7	690.0	83.6	17.0	-4.7	-16.9	-18.9	0.3
23:48:30	30 45.9	-95 45.2	-53.3	113.7	125.6	3080	331.5	2.0	-0.8	250.6	83.6	17.2	-5.7	-2.6	-3.0	0.0
23:48:30	30 45.8	-95 45.6	-53.5	113.5	125.5	3192	0.1	26.4	-16.5	83.6	90.3	50.0	24.5	-0.9	-1.1	32.2
23:48:30	30 45.7	-95 45.6	398.6	413.9	10348*	3198	17.3	-15.5	-4.9	83.9	88.8	0.0	224.2	324.7	90.6	215.2
23:49:00	30 47.4	-95 46.4	-54.7	112.7	125.2	9976	330.7	2.2	-1.5	690.0	83.9	17.1	-4.7	-16.9	-18.9	0.3
23:49:00	30 47.8	-95 46.2	-54.4	113.0	125.4	3098	330.6	2.0	-1.6	250.6	84.0	17.3	-5.7	-3.8	-4.3	0.0
23:49:00	30 47.6	-95 46.7	-54.6	112.8	125.3	3192	0.1	25.9	-16.8	84.0	90.7	50.0	24.4	-1.8	-2.0	32.2
23:49:00	30 47.6	-95 46.6	398.6	413.9	10348*	3199	17.2	-14.7	-4.5	84.2	89.1	0.0	224.6	324.2	91.1	215.6
23:49:30	30 49.2	-95 47.4	-55.4	112.4	125.3	9976	330.8	2.3	-1.6	690.1	83.3	17.0	-4.6	-16.9	-18.9	0.3
23:49:30	30 49.6	-95 47.3	-55.1	112.7	125.4	3123	330.6	2.2	-1.7	250.6	83.4	17.3	-5.6	-6.0	-6.8	0.0
23:49:30	30 49.4	-95 47.7	-55.2	112.5	125.3	3189	0.1	26.8	-16.4	83.4	90.2	50.0	24.5	-4.2	-4.7	32.0
23:49:30	30 49.4	-95 47.7	398.7	414.0	10348*	3198	17.0	-15.3	-4.8	83.6	88.7	0.0	223.9	324.8	90.4	215.0
23:50:00	30 51.1	-95 48.5	-56.2	112.2	125.5	9976	330.7	2.1	-1.5	689.9	84.4	17.2	-4.7	-16.9	-18.9	0.3
23:50:00	30 51.4	-95 48.3	-55.8	112.5	125.6	3119	330.4	2.0	-1.7	250.6	84.5	17.4	-5.7	-7.3	-8.2	0.0
23:50:00	30 51.2	-95 48.7	-56.0	112.3	125.5	3191	0.1	25.8	-16.8	84.5	91.2	50.0	24.3	-5.2	-5.9	32.2
23:50:00	30 51.2	-95 48.7	398.6	413.9	10348*	3199	16.9	-14.7	-4.5	84.7	89.7	0.0	225.3	325.2	91.3	216.2
23:50:30	30 52.9	-95 49.5	-56.6	112.5	125.9	9976	330.6	2.1	-1.6	689.9	85.5	17.2	-4.8	-16.9	-18.9	0.3
23:50:30	30 53.3	-95 49.4	-56.3	112.8	126.1	3129	330.7	1.9	-1.7	250.6	85.6	17.5	-5.9	-6.4	-7.2	0.0
23:50:30	30 53.1	-95 49.8	-56.4	112.6	125.9	3191	0.1	25.9	-17.3	85.4	92.3	50.0	24.0	-5.0	-5.6	32.6
23:50:30	30 53.0	-95 49.8	398.3	413.6	10348*	3198	17.7	-15.3	-4.8	85.8	90.8	0.0	226.7	325.2	92.0	217.4
23:51:00	30 54.7	-95 50.6	-56.6	113.0	126.4	9976	330.5	1.9	-1.2	689.8	85.9	17.2	-4.9	-16.9	-18.9	0.3
23:51:00	30 55.1	-95 50.4	-56.3	113.3	126.5	3110	330.4	1.8	-1.4	250.6	86.0	17.4	-6.0	-6.1	-6.8	0.0
23:51:00	30 54.9	-95 50.8	-56.4	113.1	126.4	3191	0.0	24.6	-18.4	85.8	92.7	50.0	23.9	-4.1	-4.6	32.9
23:51:00	30 54.9	-95 50.8	398.2	413.5	10348*	3199	17.0	-14.8	-4.5	86.2	91.3	0.0	227.2	324.7	92.0	217.8
23:51:30	30 56.5	-95 51.7	-56.2	114.0	127.1	9976	330.5	2.0	-1.4	689.9	87.0	17.3	-5.1	-16.9	-18.9	0.3
23:51:30	30 56.9	-95 51.5	-55.9	114.2	127.2	3091	330.3	1.8	-1.6	250.6	87.1	17.5	-6.2	-5.5	-6.3	0.0
23:51:30	30 56.7	-95 51.9	-56.0	114.0	127.0	3189	0.1	24.7	-18.3	86.9	93.8	50.0	23.6	-3.7	-4.2	33.2
23:51:30	30 56.7	-95 51.9	398.0	413.2	10348*	3198	17.9	-14.8	-4.4	87.3	92.4	0.0	228.6	324.4	92.7	219.0
23:52:00	30 58.4	-95 52.7	-55.9	114.3	127.2	9976	330.7	2.0	-1.5	689.8	87.4	17.3	-5.2	-16.9	-18.9	0.3
23:52:00	30 58.8	-95 52.5	-55.6	114.6	127.3	3091	330.4	1.8	-1.7	250.6	87.5	17.5	-6.3	-5.3	-5.9	0.0
23:52:00	30 58.6	-95 53.0	-55.6	114.4	127.2	3189	0.1	24.6	-18.3	87.4	94.3	50.0	23.5	-4.3	-3.8	33.4
23:52:00	30 58.6	-95 52.9	397.9	413.2	10348*	3198	19.0	-14.5	-4.4	87.7	92.9	0.0	229.1	324.6	93.0	219.5
23:52:30	31 0.3	-95 53.8	-55.3	114.7	127.3	9976	330.8	2.0	-1.3	689.9	87.1	17.2	-5.1	-16.9	-18.9	0.3
23:52:30	31 0.7	-95 53.6	-55.0	114.9	127.4	3083	330.9	1.8	-1.4	250.6	87.2	17.5	-6.3	-5.3	-6.0	0.0
23:52:30	31 0.4	-95 54.0	-55.1	114.8	127.3	3188	0.0	25.6	-18.1	87.0	94.0	50.0	23.6	-3.4	-3.9	33.4
23:52:30	31 0.4	-95 54.0	397.9	413.2	10348*	3197	18.8	-15.7	-4.8	87.5	92.6	0.0	228.8	324.1	92.7	219.2
23:53:00	31 2.1	-95 54.8	-54.0	114.8	126.9	9976	330.9	2.1	-1.3	690.0	86.1	17.1	-5.0	-16.9	-18.9	0.3
23:53:00	31 2.5	-95 54.6	-53.7	115.0	126.9	3086	330.9	1.9	-1.5	250.6	86.1	17.4	-6.1	-5.1	-5.7	0.0
23:53:00	31 2.3	-95 55.0	-53.8	114.9	126.8	3188	0.0	25.7	-17.9	86.0	92.9	50.0	23.8	-3.3	-3.7	33.1
23:53:00	31 2.3	-95 55.0	398.0	413.3	10348*	3195	18.5	-14.5	-4.4	86.4	91.4	0.0	227.4	323.8	92.1	218.0

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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
23:53:30	31 4.0	-95 55.8	-54.1	114.0	126.2	9976	331.3	3.9	-1.3	689.6	85.3	17.0	-5.0	-16.9	-18.9	0.3
23:53:30	31 4.4	-95 55.6	-53.8	114.2	126.2	3065	331.0	3.7	-1.5	250.6	85.3	17.2	-6.1	-6.0	-6.8	0.0
23:53:30	31 4.2	-95 56.0	-53.9	114.1	126.2	3193	0.1	35.1	-14.3	85.4	92.6	50.0	24.0	-4.0	-4.5	32.9
23:53:30	31 4.1	-95 56.0	398.2	413.4	10348*	3194	18.8	-16.3	-5.0	85.6	91.1	0.0	226.4	324.6	91.7	217.1
23:54:00	31 5.8	-95 56.8	-51.8	108.0	119.8	9976	331.2	5.6	-1.5	674.0	74.5	15.4	-4.3	-16.9	-18.9	0.3
23:54:00	31 6.2	-95 56.6	-51.5	108.2	119.8	3287	330.9

A/C 43, Flgt 061010I, Micro99 date 2006/10/10, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
23:58:30	31 21.5	-96 3.2	-47.3	105.1	115.2	9976	330.2	3.6	-2.9	590.4	60.0	8.4	-7.7	-16.9	-18.9	0.3
23:58:30	31 22.0	-96 3.0	-47.1	105.1	115.2	4324	330.3	3.4	-3.1	250.6	60.1	9.2	-7.6	-34.3	-37.6	0.0
23:58:30	31 21.7	-96 3.4	-47.2	104.9	115.1	4466	0.1	34.7	-5.3	60.4	66.0	50.0	30.7	-29.6	-32.6	40.8
23:58:30	31 21.7	-96 3.4	394.1	409.2	10348*	4465	17.7	-16.2	-5.3	60.2	64.5	0.0	190.7	318.1	70.7	183.9
23:59:00	31 23.2	-96 4.2	-57.9	107.1	121.7	9976	327.2	3.4	-2.9	590.4	67.8	9.0	-8.8	-16.9	-18.9	0.3
23:59:00	31 23.7	-96 4.0	-57.7	107.1	121.7	4341	327.2	3.2	-3.0	250.6	67.8	9.4	-9.2	-33.2	-36.5	0.0
23:59:00	31 23.4	-96 4.4	-57.7	107.0	121.5	4464	0.1	32.9	-8.7	67.9	74.0	50.0	28.6	-29.8	-32.8	44.4
23:59:00	31 23.4	-96 4.4	392.5	407.5	10348*	4458	17.5	-17.8	-5.9	68.0	72.5	0.0	202.4	316.8	73.9	194.1
23:59:30	31 24.6	-96 5.8	-109.0	56.2	122.6	9976	296.3	2.8*	-3.5	590.5	74.9	10.0	-9.4	-16.9	-18.9	0.3
23:59:30	31 25.0	-96 5.6	-108.8	56.2	122.5	4316	296.1	2.6*	-3.6	250.6	74.9	10.3	-10.1	-32.2	-35.4	0.0
23:59:30	31 24.8	-96 6.0	-108.9	56.0	122.5	4449	0.0	30.2	-12.3	74.5	81.1	50.0	26.7	-29.8	-32.8	46.6
23:59:30	31 24.7	-96 6.0	391.6	406.5	10348*	4453	17.4	-19.3	-6.4	75.1	79.8	0.0	212.5	291.9	80.5	203.0
00:00:00	31 25.5	-96 7.9	-112.3	58.7	126.7	9976	296.1	2.4	-1.3	588.8	78.8	10.4	-9.8	-16.9	-18.9	0.3
00:00:00	31 25.9	-96 7.7	-112.1	58.7	126.6	4342	295.9	2.3	-1.5	250.6	78.9	10.7	-10.6	-31.7	-34.8	0.0
00:00:00	31 25.7	-96 8.1	-112.2	58.5	126.5	4469	0.1	26.8	-14.9	78.5	84.9	50.0	25.7	-29.5	-32.6	48.1
00:00:00	31 25.7	-96 8.1	391.0	405.9	10348*	4474	13.1	-17.5	-5.6	79.1	83.9	0.0	217.9	291.0	81.2	207.6
00:00:30	31 26.5	-96 10.1	-114.4	58.8	128.6	9976	295.8	2.2	-2.6	588.7	81.7	10.8	-10.0	-16.9	-18.9	0.3
00:00:30	31 26.9	-96 9.8	-114.2	58.8	128.4	4335	295.7	2.0	-2.8	250.6	81.8	11.1	-10.9	-31.4	-34.5	0.0
00:00:30	31 26.6	-96 10.2	-114.3	58.7	128.5	4469	0.1	25.9	-16.2	81.1	87.7	50.0	24.9	-29.4	-32.4	49.0
00:00:30	31 26.6	-96 10.2	390.6	405.5	10348*	4475	13.1	-17.4	-5.5	81.9	86.8	0.0	221.7	291.2	82.6	210.9
00:01:00	31 27.4	-96 12.2	-114.7	57.0	128.1	9976	295.3	2.3	-2.0	588.8	80.8	10.9	-9.7	-16.9	-18.9	0.3
00:01:00	31 27.8	-96 12.0	-114.5	56.9	127.9	4316	295.4	2.1	-2.1	250.6	80.9	11.2	-10.6	-31.3	-34.4	0.0
00:01:00	31 27.6	-96 12.4	-114.6	56.8	127.9	4472	0.1	27.1	-15.4	80.2	86.8	50.0	25.2	-29.1	-32.1	47.8
00:01:00	31 27.6	-96 12.4	391.1	406.0	10348*	4474	13.2	-16.5	-5.2	81.1	86.0	0.0	220.5	291.1	82.1	210.0
00:01:30	31 28.3	-96 14.4	-114.0	56.2	127.1	9976	295.0	2.3	-1.5	588.8	80.3	10.8	-9.8	-16.9	-18.9	0.3
00:01:30	31 28.7	-96 14.1	-113.9	56.1	127.0	4312	294.7	2.2	-1.7	250.6	80.4	11.1	-10.6	-31.1	-34.3	0.0
00:01:30	31 28.5	-96 14.6	-113.9	56.0	127.0	4470	0.1	26.9	-15.4	79.9	86.3	50.0	25.3	-28.9	-31.9	47.9
00:01:30	31 28.5	-96 14.5	391.0	406.0	10348*	4473	13.3	-15.4	-4.8	80.6	85.5	0.0	219.9	290.8	82.5	209.4
00:02:00	31 29.2	-96 16.6	-113.4	56.1	126.5	9976	294.9	2.5	-1.3	588.8	79.0	10.7	-9.6	-16.9	-18.9	0.3
00:02:00	31 29.7	-96 16.3	-113.3	56.0	126.4	4326	294.6	2.3	-1.5	250.6	79.1	10.9	-10.5	-31.1	-34.2	0.0
00:02:00	31 29.4	-96 16.7	-113.3	55.9	126.4	4470	0.1	27.8	-14.6	78.6	85.0	50.0	25.6	-29.1	-32.0	47.4
00:02:00	31 29.4	-96 16.7	391.2	406.2	10348*	4471	13.3	-15.7	-4.9	79.3	84.2	0.0	218.2	290.3	81.7	207.9
00:02:30	31 30.2	-96 18.7	-111.6	58.8	126.1	9976	296.0	2.4	-1.2	588.9	78.1	10.4	-9.7	-16.9	-18.9	0.3
00:02:30	31 30.6	-96 18.4	-111.5	58.7	126.0	4330	295.9	2.3	-1.3	250.6	78.2	10.6	-10.5	-31.7	-34.8	0.0
00:02:30	31 30.3	-96 18.9	-111.5	58.6	126.0	4462	0.1	27.8	-14.3	77.9	84.1	50.0	25.9	-29.5	-32.5	47.7
00:02:30	31 30.3	-96 18.8	391.1	406.1	10348*	4471	13.3	-14.6	-4.5	78.4	83.2	0.0	216.9	291.0	81.0	206.8
00:03:00	31 31.1	-96 20.8	-111.1	59.5	126.0	9976	296.4	2.4	-1.5	588.9	77.7	10.3	-9.7	-16.9	-18.9	0.3
00:03:00	31 31.5	-96 20.5	-111.0	59.3	125.9	4315	296.6	2.3	-1.7	250.6	77.8	10.5	-10.5	-31.7	-34.8	0.0
00:03:00	31 31.3	-96 21.0	-111.0	59.2	125.8	4457	0.1	28.7	-13.8	77.4	83.7	50.0	26.0	-29.4	-32.5	47.8
00:03:00	31 31.3	-96 20.9	391.1	406.0	10348*	4471	13.3	-15.5	-4.9	78.0	82.8	0.0	216.4	291.4	80.6	206.3

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
00:03:30	31 32.1	-96 22.9	-113.0	55.7	125.9	9976	294.6	2.6	-2.3	589.0	78.1	10.2	-9.8	-16.9	-18.9	0.3
00:03:30	31 32.5	-96 22.6	-112.9	55.5	125.8	4304	294.4	2.4	-2.5	250.6	78.1	10.5	-10.6	-31.0	-34.2	0.0
00:03:30	31 32.2	-96 23.1	-112.9	55.4	125.7	4459	0.1	28.6	-14.0	77.8	84.0	50.0	25.9	-29.4	-32.4	48.1
00:03:30	31 32.2	-96 23.0	391.0	405.9	10348*	4469	13.5	-14.3	-4.4	78.4	83.2	0.0	216.9	290.1	81.0	206.7
00:04:00	31 32.9	-96 25.0	-112.6	56.1	125.8	9976	294.9	2.4	-0.5	588.9	78.1	10.2	-9.9	-16.9	-18.9	0.3
00:04:00	31 33.4	-96 24.8	-112.5	55.9	125.7	4314	294.7	2.3	-0.7	250.6	78.2	10.4	-10.7	-31.3	-34.4	0.0
00:04:00	31 33.1	-96 25.2	-112.5	55.9	125.6	4465	0.1	28.3	-14.1	77.7	84.0	50.0	25.9	-29.3	-32.3	48.3
00:04:00	31 33.1	-96 25.2	390.9	405.8	10348*	4470	13.5	-15.4	-4.8	78.4	83.2	0.0	216.9	290.0	81.2	206.7
00:04:30	31 33.9	-96 27.2	-111.7	57.9	125.8	9976	295.6	2.5	-1.4	588.9	78.1	10.2	-9.9	-16.9	-18.9	0.3
00:04:30	31 34.3	-96 26.9	-111.6	57.7	125.6	4324	295.6	2.3	-1.6	250.6	78.2	10.4	-10.7	-31.3	-34.5	0.0
00:04:30	31 34.0	-96 27.3	-111.5	57.7	125.6	4465	0.0	28.4	-14.1	77.8	84.1	50.0	25.9	-29.2	-32.2	48.3
00:04:30	31 34.0	-96 27.3	390.9	405.8	10348*	4470	13.3	-14.7	-4.5	78.4	83.2	0.0	216.9	290.7	81.2	206.7
00:05:00	31 34.8	-96 29.3	-111.6	57.9	125.8	9976	295.9	2.4	-1.5	588.8	78.5	10.1	-10.0	-16.9	-18.9	0.3
00:05:00	31 35.2	-96 29.0	-111.6	57.7	125.6	4343	296.0	2.2	-1.7	250.6	78.6	10.3	-10.9	-31.2	-34.3	0.0
00:05:00	31 35.0	-96 29.4	-111.5	57.7	125.5	4463	0.1	27.8	-14.4	78.2	84.4	50.0	25.8	-28.9	-31.9	49.0
00:05:00	31 35.0	-96 29.4	390.6	405.6	10348*	4470	14.4	-14.9	-4.6	78.8	83.6	0.0	217.4	291.3	81.6	207.1
00:05:30	31 35.8	-96 31.4	-111.6	57.9	125.8	9976	296.0	2.4	-1.5	588.8	78.7	10.1	-10.1	-16.9	-18.9	0.3
00:05:30	31 36.2	-96 31.1	-111.6	57.7	125.6	4309	295.8	2.3	-1.6	250.6	78.8	10.3	-10.9	-30.8	-33.9	0.0
00:05:30	31 35.9	-96 31.6	-111.5	57.6	125.5	4462	0.1	27.8	-14.5	78.3	84.7	50.0	25.7	-28.9	-31.9	49.1
00:05:30	31 35.9	-96 31.5	390.6	405.5	10348*	4470	13.6	-15.8	-4.9	78.9	83.8	0.0	217.7	291.5	81.8	207.3
00:06:00	31 36.7	-96 33.5	-111.6	57.7	125.6	9976	295.9	2.4	-1.5	588.8	79.2	10.1	-10.2	-16.9	-18.9	0.3
00:06:00	31 37.1	-96 33.2	-111.6	57.4	125.5	4335	295.6	2.2	-1.7	250.6	79.2	10.3	-11.0	-30.5	-33.6	0.0
00:06:00	31 36.8	-96 33.7	-111.5	57.4	125.4	4464	0.0	27.7	-14.7	78.8	85.1	50.0	25.6	-29.2	-32.2	49.6
00:06:00	31 36.8	-96 33.6	390.4	405.3	10348*	4469	13.7	-15.2	-4.7	79.4	84.3	0.0	218.3	291.5	82.5	207.9
00:06:30	31 37.6	-96 35.6	-111.5	57.8	125.6	9976	295.8	2.4	-1.5	588.8	78.8	10.0	-10.2	-16.9	-18.9	0.3
00:06:30	31 38.0	-96 35.3	-111.5	57.5	125.4	4323	295.7	2.2	-1.6	250.6	78.9	10.3	-11.0	-30.9	-34.0	0.0
00:06:30	31 37.8	-96 35.8	-111.3	57.5	125.3	4465	0.1	27.8	-14.5	78.5	84.8	50.0	25.7	-29.1	-32.1	49.5
00:06:30	31 37.7	-96 35.7	390.4	405.3	10348*	4470	13.8	-15.4	-4.8	79.1	84.0	0.0	217.9	291.1	82.2	207.5
00:07:00	31 38.6	-96 37.7	-111.4	57.7	125.4	9976	295.9	2.3	-1.4	588.8	79.1	10.0	-10.3	-16.9	-18.9	0.3
00:07:00	31 39.0	-96 37.5	-111.4	57.4	125.3	4326	296.0	2.1	-1.6	250.6	79.2	10.2	-11.1	-31.4	-34.5	0.0
00:07:00	31 38.7	-96 37.9	-111.2	57.4	125.2	4468	0.1	27.2	-14.9	78.7	85.0	50.0	25.6	-29.1	-32.1	49.9
00:07:00	31 38.7	-96 37.9	390.3	405.2	10348*	4470	13.5	-15.1	-4.6	79.4	84.2	0.0	218.3	291.4	82.6	207.8
00:07:30	31 39.5	-96 39.8	-111.3	57.5	125.3	9976	296.0	2.5	-1.6	588.8	79.5	10.0	-10.4	-16.9	-18.9	0.3
00:07:30	31 39.9	-96 39.6	-111.3	57.2	125.1	4309	295.8	2.3	-1.7	250.6	79.6	10.2	-11.2	-31.3	-34.5	0.0
00:07:30	31 39.6	-96 40.0	-111.1	57.2	125.0	4466	0.1	28.0	-14.7	79.2	85.5	50.0	25.5	-29.3	-32.3	50.3
00:07:30	31 39.6	-96 40.0	390.1	405.0	10348*	4468	13.5	-15.0	-4.6	79.8	84.7	0.0	218.8	291.8	83.2	208.2
00:08:00	31 40.4	-96 42.0	-111.2	56.9	124.9	9976	296.0	2.4	-1.6	588.8	79.1	9.7	-10.5	-16.9	-18.9	0.3
00:08:00	31 40.8	-96 41.7	-111.2	56.5	124.8	4307	295.8	2.3	-1.7	250.6	79.2	10.0	-11.3	-31.6	-34.7	0.0
00:08:00	31 40.5	-96 42.1	-111.0	56.6	124.6	4455	0.1	28.1	-14.5	78.7	85.1	50.0	25.6	-29.6	-32.6	50.7
00:08:00	31 40.5	-96 42.1	390.0	404.9	10348*	4467	13.6	-15.3	-4.7	79.4	84.3	0.0	218.2	292.2	82.9	207.7

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
00:08:30	31 41.4	-96 44.1	-111.2	56.6	124.8	9976	296.0	2.4	-1.5	588.8	79.1	9.7	-10.5	-16.9	-18.9	0.3
00:08:30	31 41.7	-96 43.8	-111.2	56.2	124.6	4303	295.9	2.3	-1.6	250.6	79.1	9.9	-11.4	-31.4	-34.6	0.0
00:08:30	31 41.5	-96 44.2	-111.0	56.3	124.5	4453	0.1	27.9	-14.6	78.7	85.1	50.0	25.6	-28.8	-31.8	51.1
00:08:30	31 41.4	-96 44.2	389.9	404.7	10348*	4467	14.0	-15.1	-4.6	79.3	84.3	0.0	218.2	292.3	83.0	207.6
00:09:00	31 42.3	-96 46.2	-111.3	56.9	125.0	9976	295.7	2.3	-1.2	588.8	79.1	9.8	-10.4	-16.9	-18.9	0.3
00:09:00	31 42.6	-96 45.9	-111.3	56.6	124.9	4286	295.9	2.1	-1.4	250.6	79.1	10.0	-11.3	-30.4	-33.5	0.0
00:09:00	31 42.4	-96 46.3	-111.1	56.6	124.7	4454	0.1	27.1	-14.9	78.7	85.0	50.0	25.6	-28.1	-31.0	50.6
00:09:00	31 42.4	-96 46.3	390.0	404.9	10348*	4469	14.8	-15.3	-4.7	79.3	84.3	0.0	218.2	291.4	82.9	207.6
00:09:30	31 43.2	-96 48.3	-111.3	57.2	125.1	9976	295.9	2.4	-1.5	588.8	79.1	9.7	-10.5	-16.9	-18.9	0.3
00:09:30	31 43.6	-96 48.0	-111.3	56.8	125.0	4286	295.7	2.2	-1.7	250.6	79.2	10.0	-11.3	-29.3	-32.3	0.0
00:09:30	31 43.3	-96 48.4	-111.1	56.9	124.8	4454	0.1	27.4	-14.8	78.7	85.1	50.0	25.6	-27.4	-30.3	50.8
00:09:30	31 43.3	-96 48.4	390.0	404.9	10348*	4468	14.4	-15.4	-4.7	79.4	84.3	0.0	218.2	291.7	82.7	207.7
00:10:00	31 44.1	-96 50.4	-112.7	53.4	124.7	9976	294.5	2.4	-1.9	588.9	79.3	9.6	-10.7	-16.9	-18.9	0.3
00:10:00	31 44.5	-96 50.1	-112.8	53.0	124.6	4266	294.3	2.2	-2.0	250.6	79.4	9.9	-11.5	-29.4	-32.5	0.0
00:10:00	31 44.2	-96 50.5	-112.5	53.0	124.4	4456	0.1	26.7	-15.1	78.9	85.2	50.0	25.6	-27.8	-30.7	51.5
00:10:00	31 44.2	-96 50.5	389.7	404.6	10348*	4468	16.0	-15.2	-4.7	79.6	84.4	0.0	218.5	291.1	83.2	207.8
00:10:30	31 45.0	-96 52.6	-113.0	52.9	124.8	9976	294.1	2.1	-1.5	588.8	79.3	9.7	-10.6	-16.9	-18.9	0.3
00:10:30	31 45.3	-96 52.3	-113.1	52.5	124.7	4282	294.0	2.0	-1.6	250.6	79.4	9.9	-11.4	-29.5	-32.6	0.0
00:10:30	31 45.0	-96 52.7	-112.8	52.6	124.5	4455	0.1	26.6	-15.2	78.9	85.3	50.0	25.6	-27.1	-30.0	51.2
00:10:30	31 45.0	-96 52.6	389.8	404.7	10348*	4470	15.1	-15.1	-4.7	79.6	84.5	0.0	218.5	290.5	83.2	207.9
00:11:00	31 45.8	-96 54.7	-113.4	53.7	125.5	9976	294.2	2.2	-1.4	588.8	80.0	9.8	-10.6	-16.9	-18.9	0.3
00:11:00	31 46.2	-96 54.4	-113.5	53.3	125.4	4280	294.3	2.0	-1.6	250.6	80.1	10.1	-11.5	-28.5	-31.4	0.0
00:11:00	31 45.9	-96 54.8	-113.2	53.4	125.1	4457	0.1	26.7	-15.4	79.6	86.0	50.0	25.4	-26.9	-29.7	51.4
00:11:00	31 45.9	-96 54.8	389.7	404.6	10348*	4469	15.0	-15.4	-4.7	80.3	85.2	0.0	219.5	290.3	83.4	208.7
00:11:30	31 46.7	-96 56.9	-113.3	54.1	125.5	9976	294.2	2.3	-1.5	588.8	80.8	9.9	-10.7	-16.9	-18.9	0.3
00:11:30	31 47.0	-96 56.6	-113.3	53.7	125.4	4296	294.0	2.1	-1.7	250.6	80.9	10.2	-11.5	-28.5	-31.4	0.0
00:11:30	31 46.8	-96 57.0	-113.0	53.8	125.1	4461	0.1	26.1	-15.8	80.4	86.8	50.0	25.2	-27.0	-29.8	51.6
00:11:30	31 46.8	-96 56.9	389.7	404.6	10348*	4467	14.9	-14.8	-4.5	81.1	86.1	0.0	220.5	290.2	84.3	209.6
00:12:00	31 47.6	-96 59.0	-113.3	54.1	125.5	9976	294.2	2.1	-1.5	588.6	81.3	9.9	-10.7	-16.9	-18.9	0.3
00:12:00	31 47.9	-96 58.7	-113.4	53.7	125.4	4300	294.0	1.9	-1.6	250.6	81.4	10.2	-11.6	-28.6	-31.5	0.0
00:12:00	31 47.6	-96 59.1	-113.0	53.7	125.1	4465	0.1	26.6	-15.9	80.8	87.3	50.0	25.0	-26.9	-29.7	51.8
00:12:00	31 47.6	-96 59.1	389.6	404.5	10348*	4468	14.2	-15.4	-4.7	81.6	86.6	0.0	221.2	290.1	84.8	210.2
00:12:30	31 48.5	-97 1.2	-113.2	54.2	125.5	9976	294.2	2.2	-1.5	588.8	81.4	9.9	-10.8	-16.9	-18.9	0.3
00:12:30	31 48.8	-97 0.9	-113.3	53.8	125.5	4277	294.1	2.0	-1.6	250.6	81.5	10.2	-11.6	-28.3	-31.3	0.0
00:12:30	31 48.5	-97 1.3	-113.0	53.9	125.2	4466	0.1	25.8	-16.2	81.0	87.4	50.0	25.0	-26.6	-29.4	51.9
00:12:30	31 48.5	-97 1.2	389.6	404.4	10348*	4466	14.3	-15.0	-4.6	81.7	86.7	0.0	221.3	290.1	85.0	210.3
00:13:00	31 49.3	-97 3.3	-113.0	54.1	125.3	9976	294.3	2.2	-1.5	588.8	81.1	9.9	-10.8	-16.9	-18.9	0.3
00:13:00	31 49.6	-97 3.0	-113.2	53.6	125.2	4293	294.4	2.0	-1.7	250.6	81.2	10.2	-11.6	-28.4	-31.4	0.0
00:13:00	31 49.4	-97 3.4	-112.8	53.7	124.9	4463	0.1	26.0	-16.0	80.6	87.0	50.0	25.1	-26.6	-29.4	51.9
00:13:00	31 49.4	-97 3.4	389.6	404.4	10348*	4465	13.4	-15.2	-4.6	81.4	86.4	0.0	220.9	290.2	84.8	209.9

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
00:13:30	31 50.2	-97 5.4	-112.9	54.3	125.2	9976	294.2	2.1	-1.5	588.7	81.3	9.9	-10.8	-16.9	-18.9	0.3
00:13:30	31 50.5	-97 5.2	-113.0	53.8	125.2	4271	294.0	1.9	-1.6	250.6	81.3	10.2	-11.7	-28.3	-31.2	0.0
00:13:30	31 50.3	-97 5.5	-112.6	53.9	124.8	4462	0.1	25.7	-16.1	80.8	87.2	50.0	25.1	-26.4	-29.2	52.1
00:13:30	31 50.2	-97 5.5	389.5	404.4	10348*	4466	13.4	-14.9	-4.5	81.5	86.5	0.0	221.1	289.9	85.1	210.1
00:14:00	31 51.1	-97 7.6	-112.9	54.6	125.4	9976	294.2	2.2	-1.3	588.8	81.0	9.9	-10.7	-16.9	-18.9	0.3
00:14:00	31 51.4	-97 7.3	-113.1	54.1	125.3	4286	294.0

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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
00:18:30	31 59.1	-97 26.8	-112.2	54.0	124.5	9976	294.3	2.1	-1.7	588.8	81.2	10.2	-10.5	-16.9	-18.9	0.3
00:18:30	31 59.3	-97 26.6	-112.4	53.5	124.5	4250	294.2	1.9	-1.8	250.6	81.3	10.5	-11.3	-29.3	-32.4	0.0
00:18:30	31 59.0	-97 26.8	-111.8	53.6	124.0	4467	0.1	25.4	-16.3	80.8	87.1	50.0	25.1	-27.6	-30.5	50.7
00:18:30	31 59.0	-97 26.8	390.0	404.9	10348*	4460	15.0	-14.6	-4.5	81.5	86.5	0.0	221.1	290.3	85.9	210.2
00:19:00	31 59.9	-97 29.0	-112.1	54.0	124.4	9976	294.1	2.2	-1.4	588.9	80.4	9.9	-10.6	-16.9	-18.9	0.3
00:19:00	32 0.1	-97 28.7	-112.4	53.4	124.4	4258	294.3	2.1	-1.5	250.6	80.5	10.2	-11.4	-29.3	-32.3	0.0
00:19:00	31 59.9	-97 29.0	-111.8	53.5	124.0	4466	0.1	26.3	-15.7	80.0	86.4	50.0	25.3	-27.5	-30.4	51.1
00:19:00	31 59.9	-97 28.9	389.8	404.7	10348*	4459	13.0	-15.1	-4.7	80.7	85.7	0.0	220.0	289.7	85.0	209.2
00:19:30	32 0.8	-97 31.1	-112.2	54.5	124.7	9976	294.1	2.1	-1.4	588.8	81.3	9.9	-10.8	-16.9	-18.9	0.3
00:19:30	32 1.0	-97 30.9	-112.4	53.9	124.7	4254	293.9	1.9	-1.5	250.6	81.3	10.2	-11.6	-28.6	-31.5	0.0
00:19:30	32 0.8	-97 31.1	-111.8	54.1	124.2	4468	0.0	25.5	-16.3	80.8	87.2	50.0	25.1	-26.5	-29.3	51.9
00:19:30	32 0.8	-97 31.1	389.5	404.4	10348*	4459	17.3	-15.1	-4.6	81.6	86.6	0.0	221.2	289.4	85.7	210.1
00:20:00	32 1.7	-97 33.2	-112.4	54.8	125.0	9976	294.2	2.2	-1.5	588.9	80.5	10.0	-10.5	-16.9	-18.9	0.3
00:20:00	32 1.9	-97 33.0	-112.6	54.2	125.0	4226	294.0	2.0	-1.6	250.6	80.5	10.3	-11.4	-28.2	-31.2	0.0
00:20:00	32 1.6	-97 33.2	-112.0	54.4	124.5	4467	0.1	26.1	-15.8	80.0	86.4	50.0	25.3	-27.6	-30.5	50.9
00:20:00	32 1.6	-97 33.2	389.9	404.8	10348*	4458	17.7	-16.0	-5.1	80.7	85.7	0.0	220.1	289.4	84.6	209.3
00:20:30	32 2.6	-97 35.4	-112.1	54.5	124.7	9976	294.2	2.3	-1.6	589.0	80.0	9.7	-10.7	-16.9	-18.9	0.3
00:20:30	32 2.8	-97 35.1	-112.4	54.0	124.7	4211	294.1	2.1	-1.8	250.6	80.1	10.0	-11.5	-28.8	-31.8	0.0
00:20:30	32 2.5	-97 35.3	-111.8	54.1	124.2	4465	0.1	26.1	-15.6	79.6	85.9	50.0	25.4	-27.1	-30.0	51.6
00:20:30	32 2.5	-97 35.3	389.7	404.6	10348*	4457	15.3	-14.7	-4.4	80.3	85.3	0.0	219.4	289.7	84.2	208.6
00:21:00	32 3.5	-97 37.5	-112.2	54.2	124.6	9976	294.3	2.3	-1.5	589.0	79.5	9.6	-10.7	-16.9	-18.9	0.3
00:21:00	32 3.6	-97 37.3	-112.5	53.6	124.6	4176	294.4	2.2	-1.7	250.6	79.6	9.9	-11.5	-29.1	-32.1	0.0
00:21:00	32 3.4	-97 37.5	-111.9	53.8	124.2	4463	0.1	26.8	-15.2	79.1	85.5	50.0	25.5	-27.4	-30.2	51.5
00:21:00	32 3.4	-97 37.5	389.7	404.6	10348*	4456	12.4	-14.9	-4.6	79.8	84.8	0.0	218.8	290.0	83.7	208.1
00:21:30	32 4.3	-97 39.6	-112.6	54.0	124.9	9976	294.1	2.3	-1.4	588.9	79.7	9.7	-10.7	-16.9	-18.9	0.3
00:21:30	32 4.5	-97 39.4	-112.8	53.4	124.8	4158	293.9	2.1	-1.6	250.6	79.8	9.9	-11.5	-28.6	-31.6	0.0
00:21:30	32 4.3	-97 39.6	-112.3	53.6	124.4	4464	0.1	26.2	-15.5	79.4	85.7	50.0	25.4	-26.6	-29.4	51.6
00:21:30	32 4.3	-97 39.6	389.7	404.6	10348*	4458	12.1	-14.6	-4.4	80.0	85.0	0.0	219.1	289.8	83.7	208.4
00:22:00	32 5.2	-97 41.8	-112.7	54.5	125.2	9976	294.2	2.2	-1.4	588.9	80.5	9.8	-10.7	-16.9	-18.9	0.3
00:22:00	32 5.4	-97 41.6	-112.9	53.9	125.1	4142	293.9	2.1	-1.6	250.6	80.6	10.1	-11.5	-28.1	-31.1	0.0
00:22:00	32 5.1	-97 41.8	-112.4	54.0	124.7	4464	0.1	26.3	-15.7	80.1	86.4	50.0	25.3	-26.2	-29.0	51.5
00:22:00	32 5.1	-97 41.7	389.7	404.6	10348*	4458	13.1	-15.0	-4.6	80.8	85.8	0.0	220.1	289.7	84.3	209.2
00:22:30	32 6.1	-97 43.9	-112.9	54.7	125.4	9976	294.1	2.2	-1.5	588.9	80.2	9.8	-10.7	-16.9	-18.9	0.3
00:22:30	32 6.3	-97 43.7	-113.2	54.1	125.4	4130	294.0	2.1	-1.6	250.6	80.3	10.0	-11.5	-27.5	-30.4	0.0
00:22:30	32 6.0	-97 43.9	-112.6	54.3	125.0	4463	0.1	26.8	-15.4	79.8	86.2	50.0	25.3	-25.9	-28.6	51.6
00:22:30	32 6.0	-97 43.9	389.7	404.5	10348*	4458	13.9	-15.3	-4.7	80.5	85.5	0.0	219.7	289.4	83.7	208.9
00:23:00	32 7.0	-97 46.1	-113.1	54.7	125.6	9976	294.3	2.2	-1.5	589.0	80.0	9.7	-10.7	-16.9	-18.9	0.3
00:23:00	32 7.1	-97 45.9	-113.3	54.1	125.6	4112	294.4	2.1	-1.7	250.6	80.0	10.0	-11.5	-27.6	-30.5	0.0
00:23:00	32 6.9	-97 46.0	-112.8	54.3	125.2	4460	0.1	26.0	-15.6	79.6	85.9	50.0	25.4	-26.3	-29.1	51.7
00:23:00	32 6.9	-97 46.0	389.6	404.5	10348*	4456	13.8	-14.7	-4.5	80.3	85.2	0.0	219.4	289.8	83.3	208.6

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
00:23:30	32 7.9	-97 48.2	-114.5	51.8	125.7	9976	292.9	2.2	-1.9	588.9	80.5	10.0	-10.5	-16.9	-18.9	0.3
00:23:30	32 8.0	-97 48.1	-114.8	51.2	125.7	4103	292.7	2.0	-2.1	250.6	80.6	10.3	-11.4	-28.7	-31.7	0.0
00:23:30	32 7.8	-97 48.2	-114.2	51.4	125.3	4461	0.1	25.5	-16.1	80.1	86.5	50.0	25.2	-26.6	-29.4	51.0
00:23:30	32 7.8	-97 48.2	389.9	404.8	10348*	4457	16.2	-15.2	-4.7	80.8	85.8	0.0	220.2	288.7	83.9	209.4
00:24:00	32 8.7	-97 50.4	-114.8	50.8	125.6	9976	292.6	2.2	-1.7	589.0	80.5	10.0	-10.5	-16.9	-18.9	0.3
00:24:00	32 8.8	-97 50.3	-115.1	50.2	125.6	4076	292.3	2.0	-1.8	250.6	80.6	10.3	-11.4	-28.5	-31.4	0.0
00:24:00	32 8.6	-97 50.4	-114.6	50.4	125.2	4457	0.1	25.8	-15.9	80.1	86.4	50.0	25.3	-26.3	-29.1	51.1
00:24:00	32 8.6	-97 50.4	389.9	404.7	10348*	4457	17.9	-14.7	-4.5	80.8	85.8	0.0	220.1	288.7	83.9	209.3
00:24:30	32 9.7	-97 52.5	-79.0	101.1	128.3	9976	318.9*	2.0	24.3	588.0	78.4	9.7	-10.4	-16.9	-18.9	0.3
00:24:30	32 9.8	-97 52.3	-79.4	100.4	128.0	4057	319.0*	1.8	24.1	250.6	78.4	9.9	-11.2	-27.2	-30.0	0.0
00:24:30	32 9.6	-97 52.4	-79.2	100.3	127.8	4458	0.1	33.9	-11.8	78.0	84.7	50.0	25.8	-26.1	-28.9	50.3
00:24:30	32 9.6	-97 52.4	390.1	405.0	10348*	4460	17.2	-16.9	-5.1	78.7	84.4*	0.0	217.3	307.7	80.0	206.8
00:25:00	32 11.7	-97 53.3	-32.5	129.8	133.9	9976	339.7	2.5	-2.3	589.1	78.0	9.7	-10.3	-16.9	-18.9	0.3
00:25:00	32 11.8	-97 53.1	-32.8	129.2	133.3	4137	339.7	2.3	-2.4	250.6	78.1	10.0	-11.1	-27.7	-30.6	0.0
00:25:00	32 11.6	-97 53.2	-32.2	129.5	133.4	4452	0.1	26.6	-14.8	77.8	83.9	50.0	25.9	-26.0	-28.7	50.0
00:25:00	32 11.6	-97 53.2	390.3	405.2	10348*	4456	17.5	-13.4	-4.1	78.3	83.2	0.0	216.8	326.7	75.3	206.4
00:25:30	32 13.8	-97 53.9	-33.9	129.4	133.7	9976	339.2	2.4	-1.5	589.0	78.2	9.5	-10.5	-16.9	-18.9	0.3
00:25:30	32 13.9	-97 53.8	-34.1	128.8	133.2	4145	338.9	2.2	-1.6	250.6	78.3	9.8	-11.3	-28.2	-31.1	0.0
00:25:30	32 13.7	-97 53.9	-33.6	129.0	133.3	4452	0.1	26.4	-14.9	78.0	84.2	50.0	25.8	-27.1	-30.0	50.8
00:25:30	32 13.7	-97 53.9	389.9	404.8	10348*	4456	17.9	-14.3	-4.4	78.5	83.5	0.0	217.1	326.0	75.6	206.6
00:26:00	32 15.9	-97 54.6	-38.3	127.9	133.5	9976	337.1	2.4	-4.1	589.0	78.9	9.6	-10.6	-16.9	-18.9	0.3
00:26:00	32 16.0	-97 54.4	-38.5	127.3	133.0	4199	336.9	2.2	-4.2	250.6	79.0	9.9	-11.4	-29.4	-32.4	0.0
00:26:00	32 15.8	-97 54.5	-37.9	127.5	133.0	4452	0.1	26.3	-15.2	78.6	84.9	50.0	25.7	-27.8	-30.7	51.2
00:26:00	32 15.8	-97 54.5	389.8	404.7	10348*	4456	17.9	-15.2	-4.7	79.2	84.1	0.0	218.0	324.2	76.6	207.4
00:26:30	32 18.0	-97 55.4	-45.3	124.9	132.8	9976	334.1	2.3	-2.1	589.0	79.9	9.6	-10.8	-16.9	-18.9	0.3
00:26:30	32 18.0	-97 55.2	-45.6	124.3	132.4	4173	334.2	2.1	-2.2	250.6	79.9	9.8	-11.7	-30.2	-33.2	0.0
00:26:30	32 17.8	-97 55.3	-45.1	124.5	132.4	4452	0.1	26.0	-15.6	79.4	85.8	50.0	25.4	-28.2	-31.2	52.1
00:26:30	32 17.8	-97 55.3	389.5	404.3	10348*	4456	17.6	-15.5	-4.8	80.2	85.1	0.0	219.3	321.6	78.1	208.4
00:27:00	32 20.0	-97 56.3	-44.5	125.5	133.2	9976	334.4	2.1	-1.2	588.9	80.6	9.8	-10.7	-16.9	-18.9	0.3
00:27:00	32 20.0	-97 56.1	-44.8	124.9	132.7	4149	334.4	1.9	-1.3	250.6	80.7	10.1	-11.5	-30.5	-33.6	0.0
00:27:00	32 19.8	-97 56.2	-44.3	125.2	132.8	4452	0.1	25.6	-16.0	80.2	86.5	50.0	25.2	-28.7	-31.7	51.7
00:27:00	32 19.8	-97 56.2	389.6	404.5	10348*	4456	17.3	-15.2	-4.7	80.9	85.9	0.0	220.2	321.8	78.8	209.4
00:27:30	32 22.0	-97 57.1	-43.6	126.2	133.5	9976	335.1	2.2	-1.5	589.0	80.7	9.8	-10.8	-16.9	-18.9	0.3
00:27:30	32 22.1	-97 57.0	-43.8	125.6	133.1	4115	334.8	2.0	-1.7	250.6	80.8	10.1	-11.6	-30.3	-33.4	0.0
00:27:30	32 21.9	-97 57.0	-43.3	125.8	133.1	4450	0.1	25.5	-16.1	80.3	86.6	50.0	25.2	-29.6	-32.7	51.9
00:27:30	32 21.9	-97 57.0	389.6	404.4	10348*	4453	16.8	-15.0	-4.6	81.0	86.1	0.0	220.4	322.7	78.4	209.5
00:28:00	32 24.1	-97 57.9	-42.2	127.0	133.8	9976	335.8	2.1	-0.7	588.9	80.8	9.7	-10.8	-16.9	-18.9	0.3
00:28:00	32 24.1	-97 57.8	-42.5	126.4	133.4	4092	335.6	1.9	-0.9	250.6	80.8	10.0	-11.7	-30.9	-34.0	0.0
00:28:00	32 23.9	-97 57.8	-41.9	126.6	133.4	4448	0.1	25.7	-16.0	80.4	86.7	50.0	25.2	-28.3	-31.3	52.2
00:28:00	32 23.9	-97 57.8	389.5	404.3	10348*	4454	16.8	-14.8	-4.5	81.1	86.1	0.0	220.5	323.5	78.1	209.5

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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
00:28:30	32 26.1	-97 58.7	-40.7	128.0	134.3	9976	336.6	2.2	-1.3	589.0	80.6	9.7	-10.9	-16.9	-18.9	0.3
00:28:30	32 26.2	-97 58.6	-41.0	127.4	133.9	4089	336.7	2.0	-1.4	250.6	80.7	9.9	-11.7	-29.9	-33.0	0.0
00:28:30	32 26.0	-97 58.6	-40.5	127.6	133.9	4450	0.1	25.5	-16.1	80.3	86.6	50.0	25.2	-28.1	-31.0	52.4
00:28:30	32 26.0	-97 58.6	389.4	404.3	10348*	4452	16.9	-14.7	-4.5	81.0	86.0	0.0	220.3	324.4	77.4	209.4
00:29:00	32 28.2	-97 59.5	-40.4	128.4	134.5	9976	336.9	2.1	-1.5	588.9	80.6	9.5	-11.0	-16.9	-18.9	0.3
00:29:00	32 28.2	-97 59.4	-40.6	127.8	134.1	4128	336.8	1.9	-1.6	250.6	80.6	9.8	-11.8	-29.8	-32.9	0.0
00:29:00	32 28.1	-97 59.4	-40.1	128.0	134.2	4449	0.0	25.2	-16.2	80.2	86.5	50.0	25.2	-28.3	-31.2	52.8
00:29:00	32 28.0	-97 59.4	389.2	404.1	10348*	4451	16.7	-14.7	-4.5	80.9	85.9	0.0	220.2	324.7	77.0	209.2
00:29:30	32 30.3	-98 0.3	-40.5	128.3	134.5	9976	336.8	2.2	-1.5	589.0	81.2	9.5	-11.1	-16.9	-18.9	0.3
00:29:30	32 30.3	-98 0.1	-40.7	127.8	134.1	4129	336.6	2.1	-1.6	250.6	81.3	9.8	-12.0	-30.6	-33.7	0.0
00:29:30	32 30.1	-98 0.2	-40.2	128.0	134.2	4446	0.0	24.9	-16.5	80.7	87.1	50.0	25.1	-28.7	-31.7	53.5
00:29:30	32 30.1	-98 0.2	389.0	403.8	10348*	4449	17.1	-15.1	-4.6	81.5	86.5	0.0	221.0	324.7	77.7	209.9
00:30:00	32 32.4	-98 1.0	-40.5	128.0	134.2	9976	336.8	2.2	-1.5	589.1	80.3	9.2	-11.2	-16.9	-18.9	0.4
00:30:00	32 32.4	-98 0.9	-40.7	127.4	133.8	4174	336.6	2.1	-1.6	250.6	80.4	9.5	-12.1	-30.8	-33.9	0.0
00:30:00	32 32.2	-98 0.9	-40.2	127.6	133.8	4444	0.0	25.3	-16.1	80.0	86.3	50.0	25.3	-28.6	-31.6	54.0
00:30:00	32 32.2	-98 0.9	388.8	403.7	10348*	4448	15.8	-14.4	-4.4	80.6	85.7	0.0	219.9	324.8	76.9	208.8
00:30:30	32 34.5	-98 1.8	-40.9	127.7	134.1	9976	336.8	2.2	-1.6	589.1	79.7	9.1	-11.2	-16.9	-18.9	0.4
00:30:30	32 34.5	-98 1.7	-41.2	127.2	133.7	4164	336.9	2.1	-1.7	250.6	79.8	9.4	-12.0	-30.6	-33.7	0.0
00:30:30	32 34.3	-98 1.7	-40.7	127.4	133.7	4441	0.1	25.4	-15.8	79.4	85.7	50.0	25.4	-28.6	-31.6	53.8
00:30:30	32 34.2	-98 1.7	388.9	403.7	10348*	4447	15.0	-15.1	-4.6	80.1	85.1	0.0	219.1	325.0	76.2	208.2
00:31:00	32 36.5	-98 2.6	-40.7	128.0	134.3	9976	336.7	2.1	-1.4	589.0	80.4	9.2	-11.2	-16.9	-18.9	0.4
00:31:00	32 36.5	-98 2.5	-41.0	127.5	133.9	4173	336.6	1.9	-1.6	250.6	80.5	9.5	-12.1	-30.3	-33.4	0.0
00:31:00	32 36.3	-98 2.5	-40.5	127.7	133.9	4440	0.1	25.1	-16.1	80.1	86.4	50.0	25.3	-28.7	-31.7	53.9
00:31:00	32 36.3	-98 2.5	388.8	403.7	10348*	4448	17.1	-15.0	-4.6	80.8	85.8	0.0	220.1	324.5	77.0	209.0
00:31:30	32 38.6	-98 3.4	-40.6	128.3	134.6	9976	336.7	2.2	-1.5	589.0	81.6	9.5	-11.2	-16.9	-18.9	0.4
00:31:30	32 38.6	-98 3.3	-40.8	127.8	134.1	4184	336.5	2.0	-1.6	250.6	81.7	9.8	-12.1	-30.1	-33.2	0.0
00:31:30	32 38.4	-98 3.3	-40.3	128.0	134.2	4439	0.1	24.7	-16.7	81.2	87.5	50.0	25.0	-27.8	-30.7	53.8
00:31:30	32 38.4	-98 3.2	388.9	403.7	10348*	4446	17.2	-14.5	-4.4	81.9	87.0	0.0	221.6	324.7	78.1	210.3
00:32:00	32 40.7	-98 4.1	-40.3	128.0	134.2	9976	336.8	2.2	-1.4	589.0	81.0	9.4	-11.2	-16.9	-18.9	0.4
00:32:00	32 40.7	-98 4.1	-40.5	127.5	133.8	4206	336.5	2.0	-1.6	250.6	81.0	9.7	-12.1	-29.4	-32.4	0.0
00:32:00	32 40.5	-98 4.0	-40.1	127.7	133.8	4440	0.1	25.1	-16.4	80.6	87.0	50.0	25.1	-27.7	-30.6	53.7
00:32:00	32 40.5	-98 4.0	388.9	403.8	10348*	4446	13.5	-14.4	-4.4	81.3	86.4	0.0	220.8	324.6	77.8	209.6
00:32:30	32 42.8	-98 4.9	-42.1	127.3	134.1	9976	336.1	2.0	-1.7	588.9	81.5	9.4	-11.3	-16.9	-18.9	0.4
00:32:30	32 42.7	-98 4.8	-42.3	126.8	133.7	4190	336.2	1.8	-1.9	250.6	81.6	9.7	-12.2	-29.2	-32.2	0.0
00:32:30	32 42.5	-98 4.8	-41.9	127.0	133.7	4440	0.1	24.2	-16.9	81.1	87.5	50.0	25.0	-27.4	-30.3	54.2
00:32:30	32 42.5	-98 4.8	388.8	403.6	10348*	4448	12.8	-15.0	-4.6	81.8	86.9	0.0	221.5	324.3	78.4	210.2
00:33:00	32 44.8	-98 5.7	-42.4	126.7	133.6	9976	335.8	2.3	-1.4	589.1	81.4	9.3	-11.3	-16.9	-18.9	0.4
00:33:00	32 44.8	-98 5.7	-42.6	126.3	133.3	4121	335.7	2.1	-1.6	250.6	81.5	9.6	-12.2	-29.1	-32.1	0.0
00:33:00	32 44.6	-98 5.6	-42.2	126.5	133.3	4440	0.1	24.8	-16.6	81.0	87.4	50.0	25.0	-27.4	-30.2	54.3
00:33:00	32 44.6	-98 5.6	388.7	403.6	10348*	4445	13.7	-14.9	-4.6	81.7	86.8	0.0	221.3	323.8	78.8	210.0

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
00:33:30	32 46.9	-98 6.6	-42.2	126.3	133.2	9976	335.8	2.1	-1.4	589.0	80.6	9.1	-11.4	-16.9	-18.9	0.4
00:33:30	32 46.8	-98 6.5	-42.5	125.8	132.8	4163	335.6	1.9	-1.6	250.6	80.7	9.3	-12.3	-29.4	-32.4	0.0
00:33:30	32 46.6	-98 6.4	-42.1	126.0	132.8	4439	0.1	24.6	-16.5	80.2	86.5	50.0	25.2	-27.6	-30.5	54.8
00:33:30	32 46.6	-98 6.4	388.6	403.4	10348*	4444	16.3	-15.3	-4.7	80.9	85.9	0.0	220.2	323.7	78.3	209.1
00:34:00	32 48.9	-98 7.4	-42.2	127.0	133.8	9976	335.6	1.8	-1.4	588.9	82.6	9.4	-11.5	-16.9	-18.9	0.4
00:34:00	32 48.9	-98 7.3	-42.4	126.6	133.5	4147	335.4

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
00:38:30	33 7.4	-98 14.7	-47.0	124.9	133.5	9976	332.8	2.1	-1.6	589.1	82.7	9.3	-11.6	-16.9	-18.9	0.4
00:38:30	33 7.3	-98 14.7	-47.2	124.6	133.2	4058	332.9	1.9	-1.8	250.6	82.8	9.6	-12.5	-26.9	-29.8	0.0
00:38:30	33 7.2	-98 14.6	-47.0	124.8	133.4	4440	0.1	23.7	-17.5	82.2	88.6	50.0	24.7	-25.4	-28.1	55.4
00:38:30	33 7.2	-98 14.6	388.3	403.2	10348*	4438	14.2	-14.9	-4.5	83.0	88.2	0.0	223.0	319.9	80.9	211.4
00:39:00	33 9.5	-98 15.6	-47.7	123.9	132.8	9976	332.8	2.2	-1.6	589.2	81.3	8.9	-11.7	-16.9	-18.9	0.4
00:39:00	33 9.3	-98 15.6	-47.8	123.6	132.6	4061	332.8	2.0	-1.8	250.6	81.4	9.2	-12.6	-28.2	-31.1	0.0
00:39:00	33 9.2	-98 15.5	-47.6	123.8	132.7	4437	0.1	24.3	-16.8	80.9	87.2	50.0	25.1	-27.2	-30.1	56.0
00:39:00	33 9.2	-98 15.5	388.1	403.0	10348*	4436	15.5	-14.9	-4.5	81.6	86.7	0.0	221.2	320.2	79.6	209.7
00:39:30	33 11.5	-98 16.6	-48.1	124.2	133.2	9976	332.6	1.8	-1.4	589.0	81.7	8.9	-11.8	-16.9	-18.9	0.4
00:39:30	33 11.3	-98 16.5	-48.3	123.9	133.0	4046	332.4	1.6	-1.5	250.6	81.8	9.2	-12.6	-29.6	-32.6	0.0
00:39:30	33 11.2	-98 16.4	-48.1	124.1	133.1	4437	0.1	23.8	-17.1	81.3	87.7	50.0	24.9	-26.7	-29.6	56.3
00:39:30	33 11.2	-98 16.4	388.1	402.9	10348*	4438	14.5	-15.4	-4.7	82.1	87.1	0.0	221.8	319.8	79.8	210.3
00:40:00	33 13.5	-98 17.5	-47.5	126.2	134.8	9976	332.4	1.6	-0.2*	588.8	84.4	9.6	-11.7	-16.9	-18.9	0.4
00:40:00	33 13.4	-98 17.5	-47.7	125.9	134.6	4074	332.2	1.4	-0.3*	250.6	84.5	9.9	-12.6	-27.2	-30.0	0.0
00:40:00	33 13.2	-98 17.3	-47.5	126.1	134.8	4428	0.1	22.7	-18.4	83.9	90.3	50.0	24.3	-25.0	-27.7	55.8
00:40:00	33 13.2	-98 17.3	388.2	403.0	10348*	4438	15.3	-15.2	-4.6	84.7	89.9	0.0	225.3	318.7	81.8	213.4
00:40:30	33 15.6	-98 18.3	-40.2	131.3	137.3	9976	335.6	1.6	-0.8	588.9	85.5	10.0	-11.5	-16.9	-18.9	0.4
00:40:30	33 15.5	-98 18.3	-40.3	131.1	137.1	4088	335.7	1.5	-0.9	250.6	85.6	10.3	-12.5	-26.5	-29.3	0.0
00:40:30	33 15.3	-98 18.2	-40.2	131.3	137.3	4430	0.1	21.9	-19.2	85.0	91.4	50.0	24.0	-25.2	-27.9	55.3
00:40:30	33 15.3	-98 18.1	388.4	403.2	10348*	4436	14.7	-14.7	-4.4	85.8	91.1	0.0	226.7	321.0	81.1	214.7
00:41:00	33 17.7	-98 19.1	-37.2	129.7	134.9	9976	336.6	0.2	-2.0	592.9	84.8	10.0	-11.4	-16.9	-18.9	0.4
00:41:00	33 17.6	-98 19.0	-37.3	129.5	134.8	4012	336.6	0.0	-2.2	250.6	84.9	10.2	-12.4	-26.7	-29.6	0.0
00:41:00	33 17.4	-98 18.9	-37.2	129.7	135.0	4375	0.1	25.3	-17.5	83.9	90.4	50.0	24.2	-24.9	-27.6	54.6
00:41:00	33 17.4	-98 18.9	388.6	403.4	10348*	4382	14.5	-15.0	-4.3	85.2	90.3	0.0	225.8	322.5	82.4	214.0
00:41:30	33 19.8	-98 19.8	-37.3	125.6	131.0	9976	336.7	-0.0	-2.8*	607.9	79.8	10.4	-10.0	-16.9	-18.9	0.4
00:41:30	33 19.6	-98 19.8	-37.4	125.4	130.9	3847	336.4	-0.2	-3.0*	250.6	79.9	10.6	-10.9	-27.3	-30.2	0.0
00:41:30	33 19.6	-98 19.6	-37.2	125.6	131.0	4175	0.1	28.3	-14.6	79.1	85.5	50.0	25.4	-27.3	-30.2	49.0
00:41:30	33 19.5	-98 19.6	390.6	405.6	10348*	4183	15.3	-14.0	-4.2	80.2	85.0	0.0	219.2	323.7	80.3	208.6
00:42:00	33 21.8	-98 20.5	-38.9	122.5	128.5	9976	335.6	-0.0	-1.9	623.1	79.1	11.2	-9.1	-16.9	-18.9	0.4
00:42:00	33 21.7	-98 20.5	-38.9	122.3	128.4	3641	335.3	-0.2	-2.1	250.6	79.1	11.4	-10.0	-29.7	-32.7	0.0
00:42:00	33 21.5	-98 20.4	-38.8	122.5	128.5	3981	0.1	28.7	-14.2	78.7	84.9	50.0	25.6	-25.8	-28.6	45.6
00:42:00	33 21.5	-98 20.4	391.9	406.9	10348*	3986	15.0	-12.3	-3.7	79.5	84.3	0.0	218.2	323.2	82.1	208.2
00:42:30	33 23.8	-98 21.3	-40.6	119.8	126.5	9976	335.5	-0.4	-3.6	637.9	78.2	11.3	-8.9	-16.9	-18.9	0.4
00:42:30	33 23.6	-98 21.3	-40.7	119.7	126.4	3460	335.6	-0.6	-3.7	250.6	78.3	11.5	-9.7	-27.3	-30.2	0.0
00:42:30	33 23.5	-98 21.1	-40.5	119.9	126.6	3796	0.1	28.5	-14.1	77.9	84.1	50.0	25.8	-23.0	-25.5	44.7
00:42:30	33 23.5	-98 21.1	392.3	407.4	10348*	3799	15.1	-11.8	-3.6	78.6	83.3	0.0	217.0	325.3	82.2	207.2
00:43:00	33 25.7	-98 22.1	-46.0	119.2	127.7	9976	334.4	-0.9	-2.2	656.9	80.4	11.8	-8.8	-16.9	-18.9	0.4
00:43:00	33 25.5	-98 22.1	-46.1	119.0	127.6	3232	334.4	-1.0	-2.3	250.6	80.4	12.1	-9.7	-17.8	-19.9	0.0
00:43:00	33 25.4	-98 22.0	-45.9	119.3	127.8	3559	0.1	27.7	-15.2	80.0	86.4	50.0	25.3	-16.1	-18.0	44.4
00:43:00	33 25.4	-98 22.0	392.5	407.5	10348*	3563	14.9	-12.4	-3.8	80.8	85.6	0.0	219.9	326.0	82.9	209.8

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
00:43:30	33 27.6	-98 23.0	-48.6	119.5	129.0	9976	334.4	-0.8	-2.0	675.5	82.8	13.2	-8.0	-16.9	-18.9	0.4
00:43:30	33 27.5	-98 23.0	-48.6	119.3	128.9	2990	334.1	-1.0	-2.1	250.6	82.9	13.4	-9.0	-14.5	-16.2	0.0
00:43:30	33 27.4	-98 22.9	-48.5	119.6	129.0	3334	0.1	26.2	-16.7	82.6	89.0	50.0	24.7	-13.4	-15.0	41.8
00:43:30	33 27.3	-98 22.9	393.6	408.7	10348*	3337	12.0	-12.1	-3.7	83.2	88.2	0.0	223.2	327.6	84.4	213.0
00:44:00	33 29.6	-98 24.0	-50.4	119.1	129.3	9976	334.2	-0.8	-1.7	693.4	83.2	14.5	-6.9	-16.9	-18.9	0.4
00:44:00	33 29.4	-98 24.0	-50.5	119.0	129.2	2777	333.9	-1.0	-1.9	250.6	83.2	14.7	-7.9	-16.3	-18.3	0.0
00:44:00	33 29.3	-98 23.8	-50.3	119.2	129.4	3121	0.1	26.2	-16.9	83.1	89.5	50.0	24.6	-14.5	-16.2	38.3
00:44:00	33 29.3	-98 23.8	395.2	410.4	10348*	3124	11.5	-11.3	-3.4	83.6	88.6	0.0	223.6	328.6	84.7	213.9
00:44:30	33 31.5	-98 24.9	-42.3	122.9	130.0	9976	337.7	-0.8	0.2	711.5	83.9	15.3	-6.3	-16.9	-18.9	0.4
00:44:30	33 31.4	-98 24.9	-42.3	122.8	129.9	2570	337.8	-1.0	-0.0	250.6	84.0	15.6	-7.3	-16.3	-18.3	0.0
00:44:30	33 31.2	-98 24.8	-42.2	123.1	130.1	2910	0.0	26.1	-17.2	83.8	90.4	50.0	24.4	-16.7	-18.7	36.4
00:44:30	33 31.2	-98 24.8	396.2	411.4	10348*	2913	15.7	-11.5	-3.5	84.3	89.4	0.0	224.6	331.2	85.3	215.0
00:45:00	33 33.5	-98 25.7	-39.8	124.6	130.8	9976	339.2	-0.9	-1.7	730.3	83.0	16.7	-4.9	-16.9	-18.9	0.4
00:45:00	33 33.4	-98 25.7	-39.8	124.5	130.7	2373	339.2	-1.0	-1.8	250.6	83.1	16.9	-5.9	-17.7	-19.7	0.0
00:45:00	33 33.2	-98 25.5	-39.7	124.7	130.9	2702	0.0	26.3	-16.9	83.0	89.6	50.0	24.6	-16.8	-18.7	32.7
00:45:00	33 33.2	-98 25.5	398.3	413.6	10348*	2701	14.1	-11.9	-3.7	83.4	88.4	0.0	223.4	333.1	83.9	214.5
00:45:30	33 35.5	-98 26.5	-39.6	125.6	131.7	9976	339.3	-0.8	-1.7	749.2	83.4	17.7	-3.9	-16.9	-18.9	0.4
00:45:30	33 35.4	-98 26.5	-39.6	125.5	131.6	2178	339.0	-1.0	-1.9	250.6	83.5	18.0	-5.0	-20.7	-23.0	0.0
00:45:30	33 35.3	-98 26.3	-39.5	125.7	131.8	2492	0.1	26.7	-16.9	83.6	90.1	50.0	24.5	-17.1	-19.1	30.4
00:45:30	33 35.3	-98 26.3	399.7	415.1	10348*	2490	12.5	-11.4	-3.5	83.9	88.8	0.0	223.9	333.0	83.9	215.3
00:46:00	33 37.6	-98 27.2	-38.1	122.7	128.5	9976	339.0	-0.8	-1.4	769.0	80.2	18.3	-2.7	-16.9	-18.9	0.4
00:46:00	33 37.4	-98 27.2	-38.0	122.7	128.4	1972	338.8	-0.9	-1.5	250.6	80.2	18.5	-3.7	-15.8	-17.7	0.0
00:46:00	33 37.3	-98 27.1	-37.9	122.9	128.6	2278	0.1	29.2	-14.8	80.2	86.7	50.0	25.3	-14.7	-16.4	27.7
00:46:00	33 37.3	-98 27.1	401.5	416.9	10348*	2276	15.1	-13.4	-4.3	80.6	85.4	0.0	219.7	331.6	84.0	212.0
00:46:30	33 39.5	-98 28.0	-36.9	119.5	125.1	9976	338.2	-0.7	-1.5	788.5	82.1	19.0	-2.5	-16.9	-18.9	0.4
00:46:30	33 39.4	-98 27.9	-36.9	119.5	125.1	1769	338.3	-0.9	-1.7	250.6	82.2	19.2	-3.6	-10.8	-12.1	0.0
00:46:30	33 39.3	-98 27.8	-36.7	119.8	125.3	2069	0.1	27.7	-16.2	82.3	88.8	50.0	24.8	-9.5	-10.7	27.4
00:46:30	33 39.2	-98 27.8	401.7	417.2	10348*	2067	14.8	-12.0	-3.7	82.6	87.5	0.0	222.2	330.3	90.1	214.4
00:47:00	33 41.4	-98 28.7	-36.2	115.6	121.1	9976	338.4	-0.8	-1.8	808.0	82.6	19.7	-2.0	-16.9	-18.9	0.4
00:47:00	33 41.3	-98 28.6	-36.2	115.6	121.1	1574	338.4	-1.0	-2.0	250.6	82.7	19.9	-3.0	-3.1	-3.5	0.0
00:47:00	33 41.2	-98 28.5	-36.1	115.8	121.3	1865	0.1	27.3	-16.6	82.9	89.4	50.0	24.7	-1.9	-2.2	26.2
00:47:00	33 41.2	-98 28.5	402.6	418.1	10348*	1864	15.1	-11.8	-3.6	83.1	88.1	0.0	222.9	331.8	94.6	215.2
00:47:30	33 43.3	-98 29.4	-34.6	113.3	118.4	9976	337.9	-0.8	-1.5	828.5	80.0	20.7	-0.5	-16.9	-18.9	0.4
00:47:30	33 43.1	-98 29.3	-34.5	113.3	118.4	1350	337.7	-0.9	-1.6	250.6	80.1	20.9	-1.5	-1.8	-2.1	0.0
00:47:30	33 43.0	-98 29.2	-34.4	113.5	118.6	1656	0.1	28.9	-15.0	80.4	86.8	50.0	25.4	-0.4	-0.5	23.5
00:47:30	33 43.0	-98 29.2	404.7	420.4	10348*	1656	14.7	-10.9	-3.3	80.5	85.3	0.0	219.4	330.5	95.0	212.6
00:48:00	33 45.1	-98 30.0	-37.6	109.8	116.0	9976	339.3	-0.9	-2.9	849.9	80.4	16.6	-4.4	-16.9	-18.9	0.4
00:48:00	33 44.9	-98 30.0	-37.5	109.8	116.0	1162	339.1	-1.0	-3.0	250.6	80.4	16.8	-5.4	8.3	8.3	0.0
00:48:00	33 44.9	-98 29.9	-37.3	110.0	116.2	1443	0.1	29.4	-14.9	80.9	87.2	50.0	25.3	10.0	10.0	31.5
00:48:00	33 44.8	-98 29.9	399.0	414.3	10348*	1443	15.2	-9.5	-2.6	80.9	85.7	0.0	219.9	336.5	95.2	211.6

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
00:48:30	33 46.8	-98 30.8	-40.0	107.2	114.4	9976	338.2	-0.7	-1.8	871.2	79.6	18.0	-2.9	-16.9	-18.9	0.4
00:48:30	33 46.7	-98 30.8	-39.9	107.2	114.4	936	338.3	-0.8	-2.0	250.6	79.6	18.2	-3.9	8.9	8.9	0.0
00:48:30	33 46.6	-98 30.6	-39.8	107.4	114.5	1241	0.1	31.0	-14.1	79.9	86.6	50.0	25.5	10.3	10.3	28.2
00:48:30	33 46.6	-98 30.6	401.2	416.6	10348*	1239	15.8	-12.6	-3.8	80.1	84.9	0.0	218.9	335.3	96.5	211.2
00:49:00	33 48.6	-98 31.6	-38.6	103.6	110.5	9976	338.2	0.3	-1.6	888.8	75.6	19.0	-1.1	-16.9	-18.9	0.4
00:49:00	33 48.4	-98 31.5	-38.5	103.6	110.5	755	338.2	0.1	-1.7	250.6	75.6	19.2	-1.9	9.3	9.3	0.0
00:49:00	33 48.3	-98 31.4	-38.4	103.8	110.7	1071	0.1	31.6	-12.5	76.1	82.5	50.0	26.5	10.9	10.9	24.6
00:49:00	33 48.3	-98 31.4	403.9	419.5	10348*	1073	15.8	-11.6	-3.4	76.1	80.7	0.0	213.4	335.4	96.3	207.0
00:49:30	33 50.2	-98 32.3	-37.9	99.2	106.2	9976	338.4	1.1	-1.5	904.1	70.3	19.6	0.5	-16.9	-18.9	0.4
00:49:30	33 50.0	-98 32.3	-37.8	99.3	106.2	626	338.1	0.9	-1.7	250.6	70.4	19.8	-0.2	10.7	10.7	0.0
00:49:30	33 50.0	-98 32.1	-37.7	99.4	106.3	925	0.1	34.3	-9.2	71.3	77.3	50.0	27.9	12.4	12.4	21.7
00:49:30	33 49.9	-98 32.1	406.3	422.0	10348*	930	16.4	-11.9	-3.4	70.8	75.5	0.0	206.1	336.1	94.6	200.9
00:50:00	33 51.8	-98 33.1	-43.4	99.7	108.7	9976	336.2	1.7	-3.3	917.4	73.2	20.9	1.1	-16.9	-18.9	0.4
00:50:00	33 51.7	-98 33.0	-43.3	99.8	108.7	507	336.0	1.5	-3.4	250.6	73.3	21.1	0.3	11.4	11.4	0.0
00:50:00	33 51.6	-98 32.9	-43.1	99.9	108.9	804	0.1	33.5	-10.8	74.4	80.5	50.0	27.1	13.0	13.0	20.8
00:50:00	33 51.6	-98 32.9	407.2	422.9	10348*	807	16.9	-10.8	-3.0	73.7	78.5	0.0	210.2	335.0	96.1	204.9
00:50:30	33 53.4	-98 34.0	-35.8	102.3	108.4	9976	341.5*	2.9	20.3*	917.4	73.2	21.1	1.3	-16.9	-18.8	0.4
00:50:30	33 53.3	-98 33.9	-35.7	102.4	108.5	491	341.6*	2.7	20.1	250.6	73.3	21.3	0.5	11.5	11.5	0.0
00:50:30	33 53.2	-98 33.8	-36.1	102.5	108.7	798	0.0	34.9	-10.4	74.8	80.8	50.0	27.2	13.0	13.0	20.6
00:50:30	33 53.2	-98 33.7	407.4	423.2	10348*	799	16.4	-8.4	-2.1	73.7	79.4*	0.0	210.2	338.8	96.5	204.9
00:51:00	33 55.1	-98 34.4	-22.1	105.6	107.9	9976	347.6	2.8	-1.2	918.5	71.9	21.0	1.5	-16.9	-18.9	0.4
00:51:00	33 55.0	-98 34.4	-22.0	105.7	108.0	510	347.5	2.6	-1.3	250.6	72.0	21.2	0.7	11.2	11.2	0.0
00:51:00	33 54.9	-98 34.2	-21.9	105.9	108.1	796	0.1	30.6	-11.4	72.9	79.1	50.0	27.5	12.8	12.8	20.3
00:51:00	33 54.9	-98 34.2	407.7	423.5	10348*	798	16.2	-14.8	-4.4	72.3	76.9	0.0	208.3	344.9	95.5	203.3
00:51:30	33 56.8	-98 34.8	-21.3	105.2	107.4	9976	347.5	2.8	-0.7	918.4	72.1	21.2	1.6	-16.9	-18.9	0.4
00:51:30	33 56.7	-98 34.8	-21.1	105.4	107.5	500	347.3	2.6	-0.8	250.6	72.2	21.4	0.9	10.3	10.3	0.0
00:51:30	33 56.6	-98 34.6	-21.1	105.5	107.6	797	0.1	30.8	-11.5	73.2	79.4	50.0	27.4	12.1	12.1	20.1
00:51:30	33 56.6	-98 34.6	407.9	423.7	10348*	799	16.3	-13.8	-4.1	72.6	77.3	0.0	208.7	344.5	96.4	203.7
00:52:00	33 58.5	-98 35.4	-50.2	93.2	105.9	9976	331.5*	2.7	-11.5*	918.4	72.5	21.0	1.4	-16.9	-18.9	0.4
00:52:00	33 58.4	-98 35.3	-50.0	93.4	105.9	497	331.2*	2.5	-11.6*	250.6	72.6	21.2	0.6	10.3	10.3	0.0
00:52:00	33 58.3	-98 35.1	-49.9	93.6	106.1	798	0.1	31.2	-11.3	73.5	79.7	50.0	27.3	11.8	11.8	20.4
00:52:00	33 58.3	-98 35.1	407.6	423.4	10348*	802	15.9	-14.0	-4.3	72.9	77.3	0.0	209.1	330.8	98.1	204.0
00:52:30	33 60.0	-98 36.5	-56.8	89.0	105.6	9976	328.6	2.6	-1.7	918.3	73.2	20.8	1.1	-16.9	-18.9	0.4
00:52:30	33 59.8	-98 36.4	-56.7	89.2	105.7	488	328.7	2.4	-1.8	250.6	73.3	21.1	0.3	10.9	10.9	0.0
00:52:30	33 59.8	-98 36.2	-56.7	89.4	105.8	798	0.1	29.5	-12.2	74.3	80.5	50.0	27.1	12.5	12.5	20.9
00:52:30	33 59.7	-98 36.2	407.1	422.8	10348*	800	15.0	-14.3	-3.2	73.7	78.3	0.0	210.2	328.1	99.2	204.9
00:53:00	34 1.4	-98 37.6	-57.6	88.5	105.6	9976	328.6	2.7	-1.8	918.6	71.8	20.1	0.7	-16.9	-18.9	0.4
00:53:00	34 1.3	-98 37.5	-57.4	88.7	105.7	476	328.6	2.5	-1.9	250.6	71.9	20.3	-0.1	11.9	11.9	0.0
00:53:00	34 1.2	-98 37.4	-57.5	88.9	105.8	794	0.1	29.3	-11.5	72.9	79.0	50.0	27.5	13.2	13.2	21.5
00:53:00	34 1.2	-98 37.3	406.5	422.2	10348*	798	16.1	-14.3	-3.1	72.3	76.9	0.0	208.3	328.6	97.3	202.9

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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
00:53:30	34 2.9	-98 38.7	-54.0	90.1	105.1	9976	330.0	3.1	-1.1	918.6	69.0	20.3	1.5	-16.9	-18.9	0.4
00:53:30	34 2.7	-98 38.6	-53.8	90.3	105.1	482	329.8	2.9	-1.2	250.6	69.1	20.6	0.9	11.0	11.0	0.0
00:53:30	34 2.7	-98 38.4	-53.9	90.5	105.3	788	0.1	31.5	-9.6	70.1	76.2	50.0	28.3	12.5	12.5	20.2
00:53:30	34 2.6	-98 38.4	407.8	423.5	10348*	798	15.8	-14.3	-4.3	69.5	74.2	0.0	204.2	329.1	94.5	199.6
00:54:00	34 4.3	-98 39.7	-54.7	90.6	105.9	9976	330.1	2.9	-1.5	918.4	71.1	20.3	1.0	-16.9	-18.9	0.4
00:54:00	34 4.2	-98 39.6	-54.5	90.9	105.9	462	329.8	2.7	-1.6	250.6	71.2	20.5

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
00:58:30	34 13.3	-98 52.4	-111.7	-1.1	111.7	9976	274.8	2.4	-1.5	918.5	76.2	19.5	-0.8	-16.9	-18.9	0.4
00:58:30	34 13.3	-98 52.3	-111.5	-0.8	111.5	463	274.6	2.2	-1.7	250.6	76.2	19.7	-1.7	10.1	10.1	0.0
00:58:30	34 13.2	-98 52.2	-111.9	-0.8	111.9	792	0.0	28.2	-13.5	77.1	83.6	50.0	26.4	11.4	11.4	24.0
00:58:30	34 13.2	-98 52.2	404.3	419.9	10348*	799	15.7	-14.4	-4.4	76.6	81.3	0.0	214.3	279.2	96.9	207.8
00:59:00	34 13.3	-98 54.6	-112.1	-3.7	112.2	9976	273.9	2.5	-1.8	918.5	76.0	19.4	-0.8	-16.9	-18.9	0.4
00:59:00	34 13.2	-98 54.5	-111.9	-3.3	112.0	450	274.1	2.3	-2.0	250.6	76.1	19.6	-1.7	9.8	9.8	0.0
00:59:00	34 13.2	-98 54.4	-112.3	-3.3	112.3	796	0.0	28.3	-13.4	77.1	83.4	50.0	26.4	11.2	11.2	24.1
00:59:00	34 13.2	-98 54.4	404.3	419.9	10348*	799	15.8	-12.8	-3.8	76.4	81.2	0.0	214.0	279.2	96.3	207.6
00:59:30	34 13.2	-98 56.8	-112.2	-3.2	112.3	9976	273.8	2.3	-1.4	918.2	76.9	19.4	-1.1	-16.9	-18.9	0.4
00:59:30	34 13.2	-98 56.7	-112.0	-2.8	112.0	445	273.7	2.1	-1.6	250.6	77.0	19.6	-2.0	10.5	10.5	0.0
00:59:30	34 13.1	-98 56.6	-112.4	-2.9	112.4	798	0.0	28.3	-13.8	78.0	84.3	50.0	26.2	11.6	11.6	24.5
00:59:30	34 13.1	-98 56.6	403.9	419.5	10348*	801	16.3	-12.4	-3.7	77.4	82.2	0.0	215.3	278.7	97.3	208.7
01:00:00	34 13.2	-98 59.0	-112.2	-3.2	112.2	9976	273.6	2.4	-1.3	918.3	77.3	19.9	-0.7	-16.9	-18.9	0.4
01:00:00	34 13.1	-98 58.9	-111.9	-2.8	111.9	471	273.4	2.2	-1.4	250.6	77.3	20.1	-1.6	8.6	8.6	0.0
01:00:00	34 13.1	-98 58.8	-112.4	-2.9	112.4	804	0.1	26.9	-14.4	78.1	84.7	50.0	26.1	10.2	10.2	23.8
01:00:00	34 13.1	-98 58.8	404.5	420.1	10348*	802	16.1	-14.5	-3.3	77.7	82.4	0.0	215.8	277.8	97.7	209.3
01:00:30	34 13.1	-99 1.2	-112.0	-2.7	112.0	9976	273.5	2.3	-1.2	918.2	77.3	19.8	-0.7	-16.9	-18.9	0.4
01:00:30	34 13.1	-99 1.1	-111.7	-2.3	111.7	470	273.3	2.2	-1.4	250.6	77.4	20.0	-1.6	8.7	8.7	0.0
01:00:30	34 13.0	-99 1.0	-112.2	-2.3	112.2	801	0.0	27.1	-14.4	78.4	84.8	50.0	26.1	10.3	10.3	23.9
01:00:30	34 13.0	-99 1.0	404.4	420.0	10348*	802	14.8	-12.4	-2.7	77.8	82.6	0.0	215.9	277.7	98.0	209.3
01:01:00	34 13.1	-99 3.4	-111.4	0.1	111.4	9976	275.5	2.4	-1.0	918.4	76.7	19.5	-0.9	-16.9	-18.9	0.4
01:01:00	34 13.1	-99 3.2	-111.2	0.5	111.2	458	275.7	2.3	-1.2	250.6	76.8	19.7	-1.8	8.7	8.7	0.0
01:01:00	34 13.0	-99 3.2	-111.6	0.4	111.6	801	0.0	27.9	-13.8	77.6	84.1	50.0	26.2	10.3	10.3	24.2
01:01:00	34 13.0	-99 3.1	404.2	419.8	10348*	802	15.7	-14.5	-3.3	77.1	81.9	0.0	215.0	279.9	97.8	208.4
01:01:30	34 13.1	-99 5.5	-111.2	0.1	111.2	9976	275.4	2.5	-2.2	918.5	76.7	19.6	-0.8	-16.9	-18.9	0.4
01:01:30	34 13.1	-99 5.4	-110.9	0.5	110.9	458	275.3	2.3	-2.3	250.6	76.8	19.8	-1.7	8.6	8.6	0.0
01:01:30	34 13.0	-99 5.4	-111.4	0.4	111.4	801	0.1	27.7	-13.9	77.6	84.1	50.0	26.2	10.2	10.2	24.1
01:01:30	34 13.0	-99 5.3	404.3	419.9	10348*	801	15.7	-13.8	-3.2	77.1	81.8	0.0	215.0	280.0	98.1	208.5
01:02:00	34 13.1	-99 7.7	-113.1	-1.8	113.1	9976	275.0	1.8	-1.8	920.8	77.7	19.5	-1.1	-16.9	-18.9	0.4
01:02:00	34 13.1	-99 7.6	-112.8	-1.4	112.8	438	274.8	1.7	-1.9	250.6	77.7	19.7	-2.0	8.8	8.8	0.0
01:02:00	34 13.0	-99 7.5	-113.3	-1.5	113.3	777	0.1	28.3	-14.0	78.5	85.2	50.0	26.0	10.2	10.2	24.6
01:02:00	34 13.0	-99 7.5	403.9	419.4	10348*	780	15.1	-15.4	-3.5	78.1	82.8	0.0	216.3	280.1	97.4	209.6
01:02:30	34 13.1	-99 9.9	-112.8	0.1	112.8	9976	275.9	2.3	-1.2	920.6	76.9	19.5	-1.0	-16.9	-18.9	0.4
01:02:30	34 13.1	-99 9.8	-112.5	0.6	112.5	435	275.7	2.2	-1.3	250.6	77.0	19.7	-1.9	9.0	9.0	0.0
01:02:30	34 13.0	-99 9.7	-113.0	0.5	113.0	780	0.1	27.4	-14.1	77.8	84.3	50.0	26.2	10.5	10.5	24.4
01:02:30	34 13.0	-99 9.7	404.0	419.6	10348*	782	15.2	-14.7	-3.4	77.4	82.0	0.0	215.3	280.8	96.8	208.7
01:03:00	34 13.1	-99 12.1	-113.0	0.4	113.0	9976	276.0	2.3	-1.4	920.6	76.7	19.4	-1.0	-16.9	-18.9	0.4
01:03:00	34 13.1	-99 12.0	-112.7	0.9	112.7	413	276.2	2.2	-1.6	250.6	76.8	19.6	-1.9	9.0	9.0	0.0
01:03:00	34 13.0	-99 12.0	-113.2	0.7	113.2	779	0.1	27.5	-13.9	77.6	84.1	50.0	26.2	10.7	10.7	24.4
01:03:00	34 13.0	-99 11.9	404.0	419.6	10348*	783	15.2	-14.9	-3.5	77.2	81.8	0.0	215.0	281.0	96.3	208.4

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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
01:03:30	34 13.1	-99 14.3	-113.2	0.2	113.2	9976	276.2	2.4	-1.6	920.7	76.9	19.4	-1.0	-16.9	-18.9	0.4
01:03:30	34 13.1	-99 14.2	-112.9	0.7	112.9	405	276.1	2.2	-1.7	250.6	77.0	19.7	-1.9	9.1	9.1	0.0
01:03:30	34 13.0	-99 14.2	-113.4	0.5	113.4	771	0.0	27.1	-14.2	77.9	84.4	50.0	26.2	10.3	10.3	24.4
01:03:30	34 13.0	-99 14.1	404.0	419.6	10348*	782	15.1	-14.2	-3.4	77.4	81.9	0.0	215.3	281.7	96.6	208.7
01:04:00	34 13.1	-99 16.5	-113.1	-0.2	113.1	9976	276.0	2.4	-1.3	920.7	77.1	19.6	-0.9	-16.9	-18.9	0.4
01:04:00	34 13.1	-99 16.4	-112.8	0.3	112.8	406	275.8	2.3	-1.5	250.6	77.1	19.8	-1.8	8.5	8.5	0.0
01:04:00	34 13.0	-99 16.4	-113.3	0.1	113.3	773	0.1	27.4	-14.1	77.9	84.5	50.0	26.1	10.1	10.1	24.2
01:04:00	34 13.0	-99 16.4	404.2	419.8	10348*	782	14.9	-14.4	-3.3	77.5	82.2	0.0	215.5	281.4	96.9	208.9
01:04:30	34 13.1	-99 18.7	-113.1	-0.0	113.1	9976	275.9	2.5	-1.4	920.7	76.3	19.5	-0.8	-16.9	-18.9	0.4
01:04:30	34 13.1	-99 18.6	-112.8	0.5	112.8	405	275.7	2.3	-1.6	250.6	76.3	19.7	-1.6	8.6	8.6	0.0
01:04:30	34 13.0	-99 18.6	-113.3	0.3	113.3	780	0.0	28.0	-13.5	77.3	83.7	50.0	26.4	10.3	10.3	24.0
01:04:30	34 13.0	-99 18.6	404.3	419.9	10348*	781	15.3	-13.7	-2.9	76.7	81.4	0.0	214.4	281.3	95.9	208.0
01:05:00	34 13.1	-99 21.0	-113.0	0.5	113.0	9976	276.0	2.4	-1.4	920.8	76.1	19.6	-0.7	-16.9	-18.9	0.4
01:05:00	34 13.1	-99 20.8	-112.7	1.0	112.7	404	276.1	2.2	-1.6	250.6	76.2	19.8	-1.6	8.9	8.9	0.0
01:05:00	34 13.0	-99 20.8	-113.3	0.8	113.3	783	0.0	26.6	-14.1	77.0	83.4	50.0	26.4	10.4	10.4	23.9
01:05:00	34 13.0	-99 20.8	404.4	420.0	10348*	781	16.2	-14.7	-3.8	76.5	81.0	0.0	214.2	280.9	95.7	207.8
01:05:30	34 13.1	-99 23.2	-112.8	0.8	112.8	9976	276.1	3.7*	-1.3	920.2	76.4	19.8	-0.6	-16.9	-18.9	0.4
01:05:30	34 13.1	-99 23.0	-112.5	1.3	112.5	392	276.0	3.5*	-1.5	250.6	76.5	20.0	-1.5	8.1	8.1	0.0
01:05:30	34 13.1	-99 23.0	-113.1	1.1	113.1	782	0.0	32.6	-11.7	77.4	84.1	50.0	26.3	9.7	9.7	23.7
01:05:30	34 13.1	-99 23.0	404.6	420.2	10348*	782	14.2	-14.6	-3.4	76.9	81.8	0.0	214.6	281.0	96.3	208.2
01:06:00	34 13.1	-99 25.3	-110.8	0.7	110.8	9976	276.0	2.4	-1.2	917.0	74.2	19.4	-0.5	-16.9	-18.9	0.4
01:06:00	34 13.1	-99 25.1	-110.4	1.2	110.5	419	275.8	2.3	-1.4	250.6	74.3	19.6	-1.3	8.1	8.1	0.0
01:06:00	34 13.1	-99 25.2	-111.1	1.0	111.1	815	0.0	29.1	-12.3	75.2	81.6	50.0	26.9	9.6	9.6	23.5
01:06:00	34 13.1	-99 25.2	404.7	420.3	10348*	815	13.8	-15.2	-3.5	74.7	79.2	0.0	211.6	280.5	95.6	205.5
01:06:30	34 13.1	-99 27.5	-111.1	1.2	111.1	9976	275.9	2.5	-1.2	917.0	75.4	19.6	-0.5	-16.9	-18.9	0.4
01:06:30	34 13.2	-99 27.3	-110.8	1.7	110.8	390	275.7	2.3	-1.3	250.6	75.4	19.8	-1.4	8.2	8.2	0.0
01:06:30	34 13.1	-99 27.4	-111.4	1.5	111.4	815	0.1	28.3	-13.1	76.4	82.8	50.0	26.6	9.9	9.9	23.5
01:06:30	34 13.1	-99 27.3	404.7	420.3	10348*	815	15.3	-14.4	-3.3	75.8	80.5	0.0	213.2	280.2	96.5	207.0
01:07:00	34 13.2	-99 29.6	-107.9	1.3	107.9	9976	275.9	3.1*	-1.3	913.4	69.8	18.8	-0.1	-16.9	-18.9	0.4
01:07:00	34 13.2	-99 29.4	-107.6	1.7	107.6	405	276.1	3.0*	-1.4	250.6	69.8	19.1	-0.7	8.0	8.0	0.0
01:07:00	34 13.1	-99 29.5	-108.2	1.5	108.2	857	0.1	23.4	-13.2	70.7	76.7	50.0	28.1	9.6	9.6	22.7
01:07:00	34 13.1	-99 29.5	405.4	421.1	10348*	852	14.2	-15.7	-4.3	70.1	74.4	0.0	205.3	279.7	92.6	199.9
01:07:30	34 13.2	-99 31.8	-109.3	1.3	109.3	9976	276.1	2.8	-1.5	913.2	70.8	18.8	-0.3	-16.9	-18.9	0.4
01:07:30	34 13.2	-99 31.6	-109.0	1.8	109.0	423	276.0	2.6	-1.6	250.6	70.9	19.0	-1.0	8.0	8.0	0.0
01:07:30	34 13.1	-99 31.6	-109.7	1.6	109.7	863	0.0	30.3	-10.7	71.7	77.9	50.0	27.8	9.5	9.5	23.2
01:07:30	34 13.1	-99 31.6	405.0	420.7	10348*	852	14.3	-15.4	-3.5	71.2	75.6	0.0	206.7	280.4	92.5	201.2
01:08:00	34 13.2	-99 33.9	-108.4	1.6	108.4	9976	275.7	2.8	-1.0	910.5	70.4	18.9	-0.1	-16.9	-18.9	0.4
01:08:00	34 13.3	-99 33.7	-108.1	2.1	108.1	445	275.5	2.6	-1.2	250.6	70.5	19.2	-0.8	8.0	8.0	0.0
01:08:00	34 13.2	-99 33.8	-108.7	1.8	108.8	888	0.1	30.5	-10.4	71.4	77.6	50.0	27.9	9.4	9.4	22.8
01:08:00	34 13.2	-99 33.7	405.4	421.0	10348*	876	14.7	-14.9	-3.3	70.8	75.2	0.0	206.2	279.3	92.9	200.8

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
01:08:30	34 12.9	-99 35.9	-88.7	-71.6	114.0	9976	234.3*	3.3	-25.5	910.8	71.1	19.3	0.1	-16.9	-18.9	0.5
01:08:30	34 12.9	-99 35.7	-88.5	-71.1	113.5	436	234.0*	3.1	-25.7	250.6	71.1	19.5	-0.6	8.1	8.1	0.0
01:08:30	34 12.8	-99 35.8	-89.4	-71.0	114.1	883	0.1	35.5	-8.5	72.0	78.5	50.0	27.7	9.5	9.5	22.5
01:08:30	34 12.9	-99 35.8	405.6	421.3	10348*	877	13.8	-16.7	-4.2	71.5	75.5	0.0	207.2	239.8	88.2	201.7
01:09:00	34 11.2	-99 36.6	24.5	-116.6	119.1	9976	168.4*	3.5	-24.4	911.2	67.5	18.7	0.3	-16.9	-18.9	0.5
01:09:00	34 11.2	-99 36.4	24.7	-116.2	118.8	420	168.0*	3.3	-24.6	250.6	67.6	18.9	-0.3	8.1	8.1	0.0
01:09:00	34 11.1	-99 36.6	23.7	-116.6	119.0	882	0.0	36.2	-7.0	68.2	74.9	50.0	28.7	9.6	9.6	22.1
01:09:00	34 11.2	-99 36.6	406.0	421.7	10348*	875	13.7	-18.3	-4.8	67.9	71.6	0.0	202.0	169.7	78.0	197.1
01:09:30	34 9.3	-99 35.8	41.7	-112.8	120.3	9976	160.2	2.9	-1.0	910.5	69.8	18.8	-0.1	-16.9	-18.9	0.5
01:09:30	34 9.4	-99 35.6	41.9	-112.5	120.1	420	160.3	2.7	-1.1	250.6	69.9	19.0	-0.8	8.1	8.1	0.0
01:09:30	34 9.3	-99 35.7	41.3	-112.9	120.2	879	0.1	30.7	-10.1	70.9	77.0	50.0	28.1	9.6	9.6	22.8
01:09:30	34 9.3	-99 35.8	405.3	421.0	10348*	875	13.7	-13.8	-2.9	70.3	74.7	0.0	205.4	158.7	79.7	200.0
01:10:00	34 7.5	-99 35.0	41.2	-114.0	121.2	9976	160.4	2.9	-1.4	910.6	71.3	19.0	-0.3	-16.9	-18.9	0.5
01:10:00	34 7.6	-99 34.8	41.4	-113.7	121.0	432	160.4	2.7	-1.5	250.6	71.4	19.2	-1.0	8.4	8.4	0.0
01:10:00	34 7.5	-99 34.9	40.8	-114.0	121.1	885	0.1	30.1	-11.0	72.2	78.5	50.0	27.7	10.0	10.0	23.1
01:10:00	34 7.5	-99 34.9	405.1	420.8	10348*	875	15.3	-16.1	-3.6	71.8	76.2	0.0	207.5	158.3	80.7	201.9
01:10:30	34 5.7	-99 34.2	41.8	-114.1	121.5	9976	160.6	2.8	-1.7	910.6	71.2	19.3	0.1	-16.9	-18.9	0.5
01:10:30	34 5.7	-99 34.0	42.0	-113.7	121.3	466	160.4	2.7	-1.8	250.6	71.3	19.5	-0.6	8.6	8.6	0.0
01:10:30	34 5.6	-99 34.1	41.5	-114.1	121.4	884	0.0	30.0	-11.0	72.1	78.4	50.0	27.7	10.0	10.0	22.5
01:10:30	34 5.7	-99 34.2	405.6	421.3	10348*	875	15.0	-15.8	-3.5	71.6	76.0	0.0	207.4	159.2	80.4	201.9
01:11:00	34 3.8	-99 33.4	41.8	-115.4	122.7	9976	160.3	2.1	-1.3	911.1	73.7	19.3	-0.4	-16.9	-18.9	0.5
01:11:00	34 3.9	-99 33.2	42.0	-115.1	122.5	482	160.0	1.9	-1.4	250.6	73.8	19.6	-1.2	9.1	9.1	0.0
01:11:00	34 3.8	-99 33.3	41.4	-115.4	122.6	879	0.1	30.4	-11.6	74.6	81.0	50.0	27.0	10.7	10.7	23.4
01:11:00	34 3.8	-99 33.3	404.9	420.5	10348*	871	15.6	-14.9	-3.2	74.2	78.7	0.0	210.9	158.4	82.1	204.9
01:11:30	34 1.9	-99 32.6	41.5	-117.0	124.1	9976	160.4	2.7	-1.3	912.9	74.9	19.7	-0.4	-16.9	-18.9	0.5
01:11:30	34 2.0	-99 32.4	41.7	-116.7	123.9	439	160.4	2.5	-1.5	250.6	75.0	19.9	-1.2	9.6	9.6	0.0
01:11:30	34 1.9	-99 32.5	41.1	-117.1	124.1	861	0.0	28.1	-13.0	75.9	82.2	50.0	26.7	11.3	11.3	23.3
01:11:30	34 1.9	-99 32.5	404.9	420.6	10348*	854	15.2	-14.5	-3.3	75.4	80.0	0.0	212.6	158.1	82.4	206.5
01:12:00	33 60.0	-99 31.9	34.1	-119.6	124.4	9976	164.5	2.5	-1.1	912.8	74.5	19.7	-0.3	-16.9	-18.9	0.4
01:12:00	34 0.1	-99 31.6	34.3	-119.3	124.2	450	164.4	2.3	-1.3	250.6	74.5	19.9	-1.1	9.5	9.5	0.0
01:12:00	33 60.0	-99 31.8	33.6	-119.7	124.4	858	0.0	28.5	-12.7	75.4	81.7	50.0	26.8	11.0	11.0	23.1
01:12:00	33 60.0	-99 31.8	405.1	420.7	10348*	855	15.1	-15.0	-3.3	74.9	79.4	0.0	211.9	162.7	81.5	205.9
01:12:30	33 58.0	-99 31.2	33.5	-119.7	124.3	9976	164.7	2.6	-1.4	912.7	74.8	19.8	-0.3	-16.9	-18.9	0.4
01:12:30	33 58.2	-99 31.0	33.7	-119.4	124.1	448	164.5	2.4	-1.6	250.6	74.9	20.0	-1.1	9.6	9.6	0.0
01:12:30	33 58.0	-99 31.2	33.0	-119.8	124.3	862	0.1	28.4	-12.8	75.8	82.0	50.0	26.7	11.1	11.1	23.1
01:12:30	33 58.0	-99 31.2	405.1	420.8	10348*	856	15.0	-13.4	-2.8	75.2	79.9	0.0	212.4	163.3	82.0	206.3
01:13:00	33 56.1	-99 30.5	67.2	-103.4	123.3	9976	144.9*	3.2	-25.9	913.0	73.3	19.9	0.2	-16.9	-18.9	0.5
01:13:00	33 56.3	-99 30.2	67.4	-103.1	123.2	454	144.6*	3.0	-26.0	250.6	73.3	20.1	-0.6	9.1	9.1	0.0
01:13:00	33 56.1	-99 30.4	66.4	-103.7	123.2	861	0.1	33.3	-10.3	74.2	80.7	50.0	27.1	10.8	10.8	22.3
01:13:00	33 56.1	-99 30.4	405.8	421.4	10348*	859	14.7	-15.4	-3.6	73.7	77.7	0.0	210.3	143.4	81.4	204.6

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
01:13:30	33 55.3	-99 28.5	116.6	-5.9	116.8	9976	89.7*	2.8	-9.7*	913.2	72.6	20.0	0.5	-16.9	-18.9	0.5
01:13:30	33 55.4	-99 28.2	116.8	-5.7	117.0	463	89.4*	2.6	-9.8*	250.6	72.7	20.3	-0.3	9.3	9.3	0.0
01:13:30	33 55.2	-99 28.5	116.3	-6.2	116.4	857	0.0	30.4	-11.2	73.2	79.9	50.0	27.3	10.7	10.7	21.9
01:13:30	33 55.2	-99 28.5	406.2	421.9	10348*	855	15.4	-19.0	-4.6	72.9	77.1	0.0	209.3	83.6	87.7	203.8
01:14:00	33 55.3	-99 26.2	116.8	-2.5	116.8	9976	88.2	2.6	-0.9	912.7	72.7	20.0	0.4	-16.9	-18.9	0.5
01:14:00	33 55.4	-99 26.0	117.0	-2.3	117.1	473	88.3	2.4	-1.1	250.6	72.8	20.3	-0.3	10.1	10.1	0.0
01:14:00	33 55.2	-99 26.2	116.5	-2.6	116

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
01:18:30	33 55.1	-99 5.5	120.3	-0.3	120.3	9976	87.1	1.8	-1.5	920.0	79.0	20.6	-0.4	-16.9	-18.9	0.4
01:18:30	33 55.2	-99 5.2	120.4	-0.3	120.4	447	87.1	1.6	-1.7	250.6	79.0	20.8	-1.3	11.4	11.4	0.0
01:18:30	33 55.0	-99 5.5	119.8	-0.6	119.8	784	0.0	26.4	-15.2	79.8	86.4	50.0	25.6	13.0	13.0	23.3
01:18:30	33 55.0	-99 5.6	404.9	420.5	10348*	789	15.2	-14.4	-4.6	79.4	84.0	0.0	218.1	81.4	91.7	211.4
01:19:00	33 55.0	-99 3.1	120.1	-0.6	120.1	9976	87.2	2.2	-1.5	920.3	78.7	20.5	-0.4	-16.9	-18.9	0.4
01:19:00	33 55.2	-99 2.9	120.2	-0.6	120.2	450	87.0	2.0	-1.6	250.6	78.8	20.8	-1.3	11.2	11.2	0.0
01:19:00	33 55.0	-99 3.2	119.6	-0.9	119.6	780	0.0	26.3	-15.2	79.5	86.2	50.0	25.7	12.7	12.7	23.3
01:19:00	33 55.0	-99 3.2	405.0	420.6	10348*	785	15.8	-15.1	-4.8	79.2	83.8	0.0	217.7	81.1	91.8	211.2
01:19:30	33 54.7	-99 0.9	98.7	-69.4	120.7	9976	124.8*	4.2	24.4	917.1	74.8	20.4	0.3	-16.9	-18.9	0.4
01:19:30	33 54.9	-99 0.6	98.8	-69.5	120.8	477	124.8*	4.0	24.3	250.6	74.9	20.6	-0.5	11.0	11.0	0.0
01:19:30	33 54.7	-99 0.9	98.6	-69.4	120.6	800	0.0	35.5	-10.4	76.1	82.6	50.0	26.7	12.7	12.7	22.1
01:19:30	33 54.7	-99 1.0	406.0	421.6	10348*	804	15.7	-12.9	-2.7	75.3	80.8	0.0	212.4	119.1	86.1	206.6
01:20:00	33 53.1	-99 0.1	-26.0	-108.5	111.6	9976	197.5*	4.2	24.5	906.7	63.5	19.1	1.6	-16.9	-18.9	0.4
01:20:00	33 53.2	-98 59.8	-25.9	-108.6	111.6	561	197.5*	4.0	24.4	250.6	63.6	19.4	1.1	11.1	11.1	0.0
01:20:00	33 53.0	-99 0.2	-26.1	-109.1	112.2	896	0.1	40.1	-4.5	65.1	70.9	50.0	29.8	12.6	12.6	20.2
01:20:00	33 53.0	-99 0.2	407.8	423.6	10348*	900	15.9	-12.0	-2.5	63.9	68.9	0.0	196.1	196.7	80.6	192.1
01:20:30	33 52.0	-99 1.6	-103.8	-9.5	104.2	9976	269.4*	3.2	12.3*	904.7	61.7	18.8	1.8	-16.9	-18.9	0.4
01:20:30	33 52.2	-99 1.3	-103.6	-9.5	104.1	588	269.3*	3.0	12.0*	250.6	61.7	19.1	1.3	11.1	11.1	0.0
01:20:30	33 51.9	-99 1.6	-104.4	-10.0	104.9	921	0.1	35.2	-5.6	62.4	68.6	50.0	30.3	12.5	12.5	19.9
01:20:30	33 51.9	-99 1.6	408.1	423.9	10348*	926	15.5	-20.0	-5.0	62.0	66.7	0.0	193.3	269.3	85.4	189.5
01:21:00	33 52.0	-99 3.6	-105.5	0.2	105.5	9976	273.4	3.4	-2.4	904.7	63.4	18.8	1.3	-16.9	-18.9	0.4
01:21:00	33 52.1	-99 3.3	-105.3	0.1	105.3	586	273.6	3.2	-2.6	250.6	63.5	19.1	0.8	11.2	11.2	0.0
01:21:00	33 51.9	-99 3.7	-106.1	-0.1	106.1	929	0.0	33.3	-6.8	64.5	70.3	50.0	29.8	12.8	12.8	20.5
01:21:00	33 51.9	-99 3.7	407.5	423.2	10348*	932	15.4	-15.4	-3.9	63.8	67.6	0.0	196.0	275.1	86.5	191.9
01:21:30	33 52.0	-99 5.7	-107.3	-1.2	107.3	9976	272.9	3.2	-1.6	904.5	65.4	19.0	1.1	-16.9	-18.9	0.4
01:21:30	33 52.1	-99 5.4	-107.1	-1.2	107.1	575	272.8	3.0	-1.8	250.6	65.5	19.3	0.6	10.7	10.7	0.0
01:21:30	33 51.9	-99 5.8	-107.9	-1.5	107.9	933	0.0	32.2	-7.9	66.3	72.3	50.0	29.2	12.2	12.2	20.9
01:21:30	33 51.9	-99 5.7	407.1	422.9	10348*	934	15.7	-16.4	-4.3	65.8	69.7	0.0	199.0	274.5	87.4	194.5
01:22:00	33 52.0	-99 7.8	-107.7	0.3	107.7	9976	273.6	5.2	-1.2	903.3	65.9	19.0	1.0	-16.9	-18.9	0.4
01:22:00	33 52.1	-99 7.5	-107.5	0.2	107.5	580	273.5	5.0	-1.4	250.6	65.9	19.3	0.5	10.4	10.4	0.0
01:22:00	33 51.9	-99 7.9	-108.3	-0.0	108.3	941	0.0	33.4	-7.6	67.0	73.0	50.0	29.1	11.9	11.9	21.0
01:22:00	33 51.9	-99 7.9	407.0	422.7	10348*	942	15.5	-16.2	-4.2	66.2	70.5	0.0	199.6	275.3	87.6	195.1
01:22:30	33 52.0	-99 9.8	-107.3	0.4	107.3	9976	273.9	3.3	-1.6	900.6	65.8	18.7	0.7	-16.9	-18.9	0.4
01:22:30	33 52.1	-99 9.5	-107.1	0.3	107.1	593	273.7	3.2	-1.7	250.6	65.9	19.0	0.2	10.4	10.4	0.0
01:22:30	33 51.9	-99 10.0	-107.8	0.1	107.8	969	0.0	31.9	-8.1	66.8	72.8	50.0	29.1	11.9	11.9	21.5
01:22:30	33 51.9	-99 9.9	406.6	422.3	10348*	970	15.5	-16.2	-4.2	66.2	70.1	0.0	199.5	275.9	87.9	194.9
01:23:00	33 52.0	-99 11.9	-108.1	0.2	108.1	9976	273.9	3.1	-1.4	900.5	66.3	18.7	0.6	-16.9	-18.9	0.4
01:23:00	33 52.1	-99 11.6	-108.0	0.1	108.0	591	274.0	2.9	-1.6	250.6	66.3	19.0	0.1	10.4	10.4	0.0
01:23:00	33 51.9	-99 12.1	-108.7	-0.2	108.7	969	0.0	31.7	-8.3	67.1	73.2	50.0	29.0	11.9	11.9	21.6
01:23:00	33 51.9	-99 12.0	406.4	422.1	10348*	972	15.2	-17.0	-4.5	66.6	70.5	0.0	200.2	275.7	87.6	195.5

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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
01:23:30	33 52.2	-99 14.0	-90.8	53.9	105.5	9976	304.9*	5.1	25.0	897.6	65.1	18.9	1.0	-16.9	-18.9	0.4
01:23:30	33 52.3	-99 13.7	-90.6	53.8	105.3	594	304.8*	4.9	24.8	250.6	65.1	19.1	0.5	10.3	10.3	0.0
01:23:30	33 52.1	-99 14.1	-91.7	53.2	106.0	987	0.1	41.4	-4.1	66.6	72.6	50.0	29.3	11.8	11.8	21.0
01:23:30	33 52.0	-99 14.1	407.0	422.8	10348*	985	15.0	-14.0	-3.2	65.4	70.9	0.0	198.4	303.6	88.5	194.0
01:24:00	33 53.6	-99 14.7	31.1	97.6	102.4	9976	18.4*	4.5	24.4	890.0	60.5	17.9	1.2	-16.9	-18.9	0.4
01:24:00	33 53.7	-99 14.3	31.3	97.4	102.3	688	18.4*	4.3	24.3	250.6	60.6	18.2	0.8	10.0	10.0	0.0
01:24:00	33 53.5	-99 14.8	30.3	97.5	102.0	1057	0.1	39.7	-3.3	62.0	67.6	50.0	30.6	11.7	11.7	20.7
01:24:00	33 53.5	-99 14.8	407.3	423.0	10348*	1059	15.0	-12.6	-3.0	60.8	65.9	0.0	191.5	13.1	85.4	187.7
01:24:30	33 54.5	-99 13.1	107.0	-2.2	107.0	9976	91.8*	3.9*	17.2*	885.0	58.6	17.3	1.1	-16.9	-18.9	0.4
01:24:30	33 54.6	-99 12.8	107.1	-2.4	107.2	726	91.9*	3.7*	17.0*	250.6	58.7	17.6	0.7	9.9	9.9	0.0
01:24:30	33 54.4	-99 13.3	106.6	-2.2	106.6	1106	0.1	35.6	-4.4	59.7	65.4	50.0	31.1	11.5	11.5	20.9
01:24:30	33 54.4	-99 13.3	407.1	422.8	10348*	1109	14.9	-16.2	-3.9	59.0	63.9	0.0	188.5	86.3	78.0	184.9
01:25:00	33 54.5	-99 10.9	114.1	4.5	114.2	9976	87.1	3.0	-4.6	886.1	68.0	18.0	-0.4	-16.9	-18.9	0.4
01:25:00	33 54.6	-99 10.6	114.2	4.3	114.3	740	86.9	2.9	-4.7	250.6	68.1	18.3	-1.0	10.2	10.2	0.0
01:25:00	33 54.3	-99 11.1	113.6	4.0	113.7	1109	0.1	29.9	-9.8	68.9	75.0	50.0	28.6	11.7	11.7	23.3
01:25:00	33 54.3	-99 11.2	404.9	420.6	10348*	1107	15.2	-16.0	-4.3	68.4	72.4	0.0	202.7	84.1	83.3	197.4
01:25:30	33 54.6	-99 8.7	117.9	9.7	118.3	9976	85.2	2.6	-1.7	885.9	74.0	18.6	-1.2	-16.9	-18.9	0.4
01:25:30	33 54.7	-99 8.4	118.0	9.4	118.4	742	85.0	2.5	-1.9	250.6	74.1	18.9	-1.9	10.7	10.7	0.0
01:25:30	33 54.5	-99 8.9	117.4	9.2	117.8	1105	0.1	27.6	-13.0	74.6	81.2	50.0	26.9	12.4	12.4	24.7
01:25:30	33 54.5	-99 8.9	403.8	419.3	10348*	1107	15.0	-17.6	-4.5	74.4	78.8	0.0	211.3	82.5	86.8	205.0
01:26:00	33 54.8	-99 6.4	118.3	9.5	118.7	9976	85.0	2.4	-1.7	885.8	74.3	18.5	-1.3	-16.9	-18.9	0.4
01:26:00	33 54.9	-99 6.1	118.4	9.2	118.8	762	85.2	2.3	-1.9	250.6	74.4	18.8	-2.1	10.5	10.5	0.0
01:26:00	33 54.6	-99 6.6	117.9	9.0	118.2	1107	0.1	27.8	-12.9	75.0	81.5	50.0	26.9	12.2	12.2	25.0
01:26:00	33 54.6	-99 6.6	403.6	419.1	10348*	1107	15.6	-16.1	-4.0	74.7	79.1	0.0	211.7	82.2	86.7	205.3
01:26:30	33 54.9	-99 4.1	118.7	9.4	119.0	9976	84.9	2.5	-1.5	885.8	74.8	18.6	-1.4	-16.9	-18.9	0.4
01:26:30	33 55.0	-99 3.8	118.8	9.1	119.1	770	84.8	2.3	-1.6	250.6	74.9	18.8	-2.2	10.5	10.5	0.0
01:26:30	33 54.8	-99 4.3	118.3	8.9	118.6	1104	0.1	27.6	-13.2	75.6	82.0	50.0	26.7	12.1	12.1	25.1
01:26:30	33 54.8	-99 4.3	403.5	419.0	10348*	1107	15.6	-14.4	-3.5	75.2	79.7	0.0	212.4	82.1	87.0	206.0
01:27:00	33 55.1	-99 1.8	120.0	9.1	120.3	9976	84.9	2.4	-1.1*	887.2	75.4	18.7	-1.4	-16.9	-18.9	0.4
01:27:00	33 55.2	-99 1.4	120.1	8.7	120.4	750	84.7	2.3	-1.3*	250.6	75.5	18.9	-2.2	10.3	10.3	0.0
01:27:00	33 54.9	-99 2.0	119.6	8.6	119.9	1090	0.1	27.2	-13.6	76.3	82.6	50.0	26.6	11.9	11.9	25.1
01:27:00	33 54.9	-99 2.0	403.4	419.0	10348*	1093	15.5	-13.6	-3.2	75.9	80.2	0.0	213.2	81.9	86.5	206.7
01:27:30	33 55.1	-98 59.4	120.7	-1.4	120.7	9976	89.9	2.3	-1.8	887.1	75.7	18.6	-1.6	-16.9	-18.9	0.4
01:27:30	33 55.2	-98 59.1	120.8	-1.8	120.8	754	89.6	2.1	-1.9	250.6	75.8	18.8	-2.4	10.7	10.7	0.0
01:27:30	33 54.9	-98 59.6	120.3	-2.0	120.3	1093	0.0	26.8	-13.9	76.6	82.9	50.0	26.5	12.5	12.5	25.5
01:27:30	33 54.9	-98 59.7	403.2	418.7	10348*	1094	15.3	-13.3	-3.1	76.2	80.7	0.0	213.7	87.0	86.4	207.0
01:28:00	33 55.1	-98 57.1	121.2	2.9	121.2	9976	88.1	2.2	-1.6	887.1	76.3	18.7	-1.5	-16.9	-18.9	0.4
01:28:00	33 55.2	-98 56.7	121.3	2.6	121.3	770	88.2	2.0	-1.7	250.6	76.3	18.9	-2.4	10.6	10.6	0.0
01:28:00	33 54.9	-98 57.3	120.8	2.4	120.8	1094	0.0	26.6	-14.1	77.0	83.5	50.0	26.4	12.3	12.3	25.4
01:28:00	33 54.9	-98 57.3	403.2	418.8	10348*	1095	15.6	-14.1	-3.3	76.7	81.1	0.0	214.4	85.4	86.5	207.7

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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
01:28:30	33 55.2	-98 54.7	121.4	3.4	121.4	9976	88.0	2.3	-1.4	887.1	76.5	18.8	-1.5	-16.9	-18.9	0.4
01:28:30	33 55.2	-98 54.4	121.4	3.0	121.4	768	87.9	2.1	-1.6	250.6	76.6	19.0	-2.4	10.4	10.4	0.0
01:28:30	33 54.9	-98 54.9	121.0	2.8	121.0	1091	0.1	26.2	-14.4	77.3	83.7	50.0	26.3	12.1	12.1	25.4
01:28:30	33 55.0	-98 55.0	403.2	418.8	10348*	1094	15.6	-13.8	-3.2	77.0	81.5	0.0	214.8	85.5	86.7	208.0
01:29:00	33 55.2	-98 52.4	121.2	3.4	121.3	9976	87.9	2.4	-1.4	887.1	76.9	18.7	-1.7	-16.9	-18.9	0.4
01:29:00	33 55.3	-98 52.0	121.3	3.0	121.3	775	87.7	2.2	-1.6	250.6	77.0	19.0	-2.5	10.6	10.6	0.0
01:29:00	33 55.0	-98 52.6	120.8	2.8	120.9	1092	0.1	26.4	-14.4	77.6	84.1	50.0	26.2	12.2	12.2	25.6
01:29:00	33 55.0	-98 52.6	403.1	418.6	10348*	1094	15.4	-14.6	-3.4	77.3	81.8	0.0	215.3	85.2	87.2	208.4
01:29:30	33 55.2	-98 50.0	118.2	-26.0	121.1	9976	103.7*	2.4	24.7	885.9	75.6	18.7	-1.4	-16.9	-18.9	0.4
01:29:30	33 55.3	-98 49.7	118.3	-26.4	121.2	767	103.6*	2.2	24.5	250.6	75.6	18.9	-2.3	10.5	10.5	0.0
01:29:30	33 55.0	-98 50.3	118.0	-26.1	120.9	1096	0.1	31.7	-11.8	76.2	83.0	50.0	26.5	12.1	12.1	25.2
01:29:30	33 55.0	-98 50.3	403.4	418.9	10348*	1097	15.6	-17.6	-4.3	76.0	81.2	0.0	213.4	99.5	85.9	206.8
01:30:00	33 53.9	-98 48.5	19.7	-114.5	116.2	9976	174.3*	4.0	24.6	878.9	69.4	17.8	-0.9	-16.9	-18.9	0.4
01:30:00	33 54.0	-98 48.2	19.7	-114.9	116.6	855	174.4*	3.8	24.4	250.6	69.4	18.1	-1.6	10.0	10.0	0.0
01:30:00	33 53.7	-98 48.7	19.8	-115.1	116.8	1161	0.1	37.7	-7.3	70.7	76.9	50.0	28.2	11.7	11.7	24.2
01:30:00	33 53.7	-98 48.8	404.1	419.7	10348*	1160	15.3	-13.3	-2.9	69.8	75.3	0.0	204.7	174.0	83.0	199.1
01:30:30	33 52.4	-98 49.4	-94.7	-53.5	108.8	9976	244.6*	3.8	24.0	871.4	66.3	16.8	-1.2	-16.9	-18.9	0.4
01:30:30	33 52.4	-98 49.0	-94.7	-53.9	108.9	928	244.5*	3.7	23.8	250.6	66.3	17.1	-1.8	10.2	10.2	0.0
01:30:30	33 52.1	-98 49.6	-95.0	-54.6	109.6	1238	0.1	34.5	-7.5	67.6	73.4	50.0	29.0	11.8	11.8	24.7
01:30:30	33 52.1	-98 49.6	403.7	419.3	10348*	1235	15.7	-12.8	-2.8	66.7	71.9	0.0	200.2	244.2	86.2	194.9
01:31:00	33 52.2	-98 51.5	-112.0	3.1	112.1	9976	273.4	2.8	-0.8	871.7	72.5	17.4	-2.0	-16.9	-18.9	0.4
01:31:00	33 52.2	-98 51.1	-111.9	2.8	112.0	933	273.6	2.7	-1.0	250.6	72.6	17.6	-2.7	10.1	10.1	0.0
01:31:00	33 51.9	-98 51.7	-112.5	2.6	112.6	1238	0.1	27.9	-12.3	73.4	79.7	50.0	27.3	11.6	11.6	26.3
01:31:00	33 51.9	-98 51.7	402.5	418.0	10348*	1241	15.1	-15.5	-3.8	72.9	77.4	0.0	209.2	273.5	90.7	202.8
01:31:30	33 52.2	-98 53.7	-114.1	-0.6	114.1	9976	271.6	2.4	-1.7	871.4	75.6	17.7	-2.4	-16.9	-18.9	0.4
01:31:30	33 52.2	-98 53.3	-114.0	-1.0	114.0	894	271.5	2.2	-1.9	250.6	75.7	17.9	-3.2	10.1	10.1	0.0
01:31:30	33 51.9	-98 53.9	-114.6	-1.1	114.6	1242	0.0	27.3	-13.6	76.3	82.8	50.0	26.5	11.7	11.7	27.1
01:31:30	33 51.9	-98 53.9	401.9	417.4	10348*	1244	15.4	-15.8	-3.8	76.0	80.5	0.0	213.5	271.8	92.5	206.6
01:32:00	33 52.2	-98 55.9	-114.2	2.5	114.2	9976	272.8	2.4	-1.1	871.3	75.1	17.6	-2.4	-16.9	-18.9	0.4
01:32:00	33 52.2	-98 55.5	-114.1	2.1	114.1	901	272.7	2.2	-1.3	250.6	75.2	17.8	-3.2	10.1	10.1	0.0
01:32:00	33 51.9	-98 56.2	-114.6	2.0	114.6	1243	0.0	27.5	-13.3	75.8	82.2	50.0	26.7	12.0	12.0	27.1
01:32:00	33 51.9	-98 56.1	402.0	417.4	10348*	1244	14.4	-14.9	-3.6	75.5	80.0	0.0	212.8	272.8	91.7	205.9
01:32:30	33 52.2	-98 58.1	-114.6	1.6	114.6	9976	272.3	2.4	-1.7	871.5	75.2	17.6	-2.3	-16.9	-18.9	0.4
01:32:30	33 52.3	-98 57.8	-114.5	1.2	114.5	890	272.1	2.3	-1.8	250.6	75.3	17.8	-3.2	10.1	10.1	0.0
01:32:30	33 52.0	-98 58.4	-115.0	1.1	115.0	1239	0.1	27.3	-13.4	75.9	82.3	50.0	26.6	11.6	11.6	27.0
01:32:30	33 52.0	-98 58.4	402.0	417.5	10348*	1244	15.5	-14.8	-3.6	75.6	80.0	0.0	212.9	272.3	91.4	206.0
01:33:00	33 52.3	-99 0.3	-114.7	1.2	114.7	9976	272.0	2.4	-1.5	871.4	75.3	17.7	-2.3	-16.9	-18.9	0.4
01:33:00	33 52.3	-98 60.0	-114.6	0.8	114.6	902	272.2	2.2	-1.6	250.6	75.4	17.9	-3.1	10.1	10.1	0.0
01:33:00	33 52.0	-99 0.6	-115.1	0.7	115.1	1237	0.0	26.9	-13.6	76.1	82.4	50.0	26.6	11.8	11.8	26.9
01:33:00	33 52.0	-99 0.6	402.1	417.5	10348*	1244	15.1	-14.4	-3.4	75.7	80.2	0.0	213.1	271.9	91.5	206.2

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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
01:33:30	33 52.3	-99 2.6	-114.5	1.4	114.5	9976	272.0	2.5	-1.4	871.5	75.1	17.9	-2.1	-16.9	-18.9	0.4
01:33:30	33 52.3	-99 2.2	-114.4	1.0	114.4	903	271.9	2.3	-1.5	250.6	75.2	18.1	-2.9	10.0	10.0	0.0
01:33:30	33 52.0	-99 2.9	-114.9	0.9	114.9	1235	0.0	26.8	-13.6	75.9	82.2	50.0	26.7	11.8	11.8	26.4
01:33:30	33 52.0	-99 2.8	402.4	417.9	10348*	1243	14.8	-14.6	-3.5	75.5	80.0	0.0	212.8	271.6	91.5	206.0
01:34:00	33 52.3	-99 4.8	-114.4	-1.6	114.4	9976	270.6	2.4	-1.6	871.4	75.6	18.3	-1.8	-16.9	-18.9	0.4
01:34:00	33 52.3	-99 4.4	-114.3	-1.9	114.3	878	270.5	2.3	-1.8	250.6	75.7	18.6	-2.6	9.7	9.7	0.0

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
01:38:30	33 55.2	-99 10.7	115.0	-4.0	115.1	9976	90.2	2.8	-1.1	895.4	70.2	18.5	-0.5	-16.9	-18.9	0.4
01:38:30	33 55.2	-99 10.3	115.1	-4.5	115.2	644	90.1	2.7	-1.3	250.6	70.3	18.7	-1.2	10.2	10.2	0.0
01:38:30	33 54.9	-99 11.1	115.0	-4.5	115.1	1015	0.1	29.9	-10.6	71.2	77.2	50.0	28.0	11.7	11.7	23.5
01:38:30	33 54.9	-99 11.1	404.8	420.4	10348*	1016	15.3	-13.7	-3.4	70.6	75.0	0.0	205.9	85.7	85.6	200.4
01:39:00	33 55.2	-99 8.5	116.3	2.8	116.4	9976	87.7	2.6	-2.7	895.4	71.3	19.0	-0.2	-16.9	-18.9	0.4
01:39:00	33 55.2	-99 8.1	116.4	2.3	116.5	650	87.5	2.5	-2.8	250.6	71.4	19.3	-0.9	10.0	10.0	0.0
01:39:00	33 54.8	-99 8.8	116.3	2.2	116.3	1018	0.1	28.8	-11.5	72.3	78.4	50.0	27.7	11.8	11.8	23.0
01:39:00	33 54.8	-99 8.9	405.2	420.8	10348*	1018	14.9	-14.6	-3.6	71.8	76.0	0.0	207.5	84.5	85.7	201.9
01:39:30	33 55.3	-99 6.2	117.9	3.3	118.0	9976	87.7	2.5	-1.0	895.2	72.9	19.2	-0.4	-16.9	-18.9	0.4
01:39:30	33 55.2	-99 5.8	118.0	2.7	118.1	675	87.4	2.4	-1.2	250.6	73.0	19.4	-1.2	10.1	10.1	0.0
01:39:30	33 54.9	-99 6.5	118.0	2.8	118.0	1021	0.1	27.5	-12.6	73.8	80.0	50.0	27.2	11.8	11.8	23.4
01:39:30	33 54.9	-99 6.6	404.9	420.5	10348*	1019	15.1	-15.3	-3.7	73.4	77.8	0.0	209.8	84.4	86.1	203.9
01:40:00	33 55.3	-99 3.9	119.4	2.5	119.5	9976	87.9	2.1	-1.4	895.0	74.9	19.1	-0.9	-16.9	-18.9	0.4
01:40:00	33 55.3	-99 3.5	119.5	1.9	119.6	686	88.1	2.0	-1.6	250.6	75.0	19.4	-1.7	10.1	10.1	0.0
01:40:00	33 54.9	-99 4.2	119.5	1.9	119.5	1026	0.0	27.7	-13.2	75.7	82.1	50.0	26.7	11.7	11.7	24.2
01:40:00	33 54.9	-99 4.3	404.2	419.8	10348*	1020	15.2	-14.1	-3.5	75.3	79.8	0.0	212.6	84.8	86.9	206.3
01:40:30	33 55.4	-99 1.5	121.1	1.7	121.1	9976	88.2	2.3	-1.4	895.8	77.8	19.4	-1.2	-16.9	-18.9	0.4
01:40:30	33 55.3	-99 1.2	121.2	1.2	121.2	668	88.1	2.1	-1.6	250.6	77.9	19.6	-2.2	10.0	10.0	0.0
01:40:30	33 55.0	-99 1.9	121.1	1.2	121.1	1016	0.1	25.8	-15.1	78.6	85.1	50.0	26.0	11.7	11.7	24.8
01:40:30	33 55.0	-99 1.9	403.7	419.2	10348*	1012	15.3	-14.3	-3.3	78.2	82.9	0.0	216.5	84.9	88.7	209.7
01:41:00	33 55.4	-98 59.2	121.5	-1.7	121.5	9976	89.8	2.2	-1.1	895.8	78.0	19.4	-1.3	-16.9	-18.9	0.4
01:41:00	33 55.3	-98 58.8	121.5	-2.3	121.6	677	89.6	2.1	-1.3	250.6	78.1	19.6	-2.2	10.0	10.0	0.0
01:41:00	33 55.0	-98 59.5	121.5	-2.2	121.6	1015	0.0	25.4	-15.3	78.9	85.3	50.0	25.9	11.8	11.8	24.9
01:41:00	33 55.0	-98 59.6	403.6	419.1	10348*	1013	15.4	-13.7	-3.2	78.5	83.1	0.0	216.8	86.7	88.6	210.0
01:41:30	33 55.3	-98 56.8	121.9	-0.7	122.0	9976	89.3	2.2	-2.0	895.7	78.7	19.4	-1.4	-16.9	-18.9	0.4
01:41:30	33 55.2	-98 56.4	122.0	-1.3	122.0	690	89.1	2.0	-2.2	250.6	78.7	19.6	-2.4	10.4	10.4	0.0
01:41:30	33 54.9	-98 57.2	122.1	-1.3	122.1	1019	0.1	25.1	-15.6	79.5	86.0	50.0	25.7	12.1	12.1	25.2
01:41:30	33 54.9	-98 57.2	403.4	418.9	10348*	1013	15.0	-13.8	-3.2	79.1	83.6	0.0	217.7	86.3	88.8	210.7
01:42:00	33 55.3	-98 54.4	122.3	0.5	122.3	9976	88.9	2.1	-1.5	895.6	79.8	19.4	-1.6	-16.9	-18.9	0.4
01:42:00	33 55.2	-98 54.0	122.4	-0.1	122.4	687	89.0	1.9	-1.6	250.6	79.8	19.6	-2.6	10.8	10.8	0.0
01:42:00	33 54.9	-98 54.8	122.5	-0.0	122.5	1026	0.1	24.7	-16.2	80.6	87.2	50.0	25.4	12.5	12.5	25.5
01:42:00	33 54.9	-98 54.8	403.1	418.7	10348*	1014	15.0	-14.5	-3.3	80.2	84.9	0.0	219.1	85.7	89.7	211.9
01:42:30	33 55.3	-98 52.1	121.5	-17.3	122.8	9976	98.8*	2.5	25.7	894.4	79.3	19.4	-1.5	-16.9	-18.9	0.4
01:42:30	33 55.2	-98 51.7	121.6	-17.8	122.9	694	98.7*	2.4	25.5	250.6	79.4	19.6	-2.5	10.8	10.8	0.0
01:42:30	33 54.9	-98 52.4	121.8	-17.2	123.0	1019	0.0	33.7	-12.3	80.1	87.1	50.0	25.6	12.6	12.6	25.4
01:42:30	33 54.9	-98 52.4	403.3	418.8	10348*	1014	15.3	-16.1	-3.9	79.8	85.5*	0.0	218.6	94.1	88.8	211.5
01:43:00	33 54.1	-98 50.3	43.3	-118.0	125.7	9976	161.2*	0.8	7.4*	899.0	81.8	19.9	-1.6	-16.9	-18.9	0.4
01:43:00	33 54.0	-98 49.9	43.3	-118.5	126.2	667	161.0	0.6	7.2*	250.6	81.9	20.1	-2.6	10.9	10.9	0.0
01:43:00	33 53.6	-98 50.7	43.1	-118.6	126.2	982	0.1	21.8	-18.2	82.5	89.2	50.0	24.9	12.5	12.5	25.5
01:43:00	33 53.7	-98 50.7	403.1	418.7	10348*	980	15.3	-15.7	-3.6	82.2	87.1	0.0	221.8	160.2	88.6	214.4

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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
01:43:30	33 52.1	-98 49.5	34.6	-123.2	127.9	9976	165.6*	1.8	7.2*	902.3	84.1	20.2	-1.8	-16.9	-18.9	0.4
01:43:30	33 52.0	-98 49.2	34.6	-123.7	128.4	632	165.6*	1.6	7.0*	250.6	84.2	20.4	-2.9	11.0	11.0	0.0
01:43:30	33 51.7	-98 49.9	34.9	-123.7	128.5	949	0.1	22.9	-18.5	85.0	91.7	50.0	24.3	12.7	12.7	25.8
01:43:30	33 51.7	-98 49.9	402.9	418.4	10348*	948	15.6	-15.0	-3.3	84.5	89.8	0.0	224.9	164.6	89.1	217.0
01:44:00	33 50.1	-98 49.1	13.5	-125.4	126.1	9976	175.2	1.9	-0.5	902.7	83.0	20.3	-1.5	-16.9	-18.9	0.4
01:44:00	33 49.9	-98 48.7	13.4	-126.0	126.7	628	175.1	1.8	-0.7	250.6	83.1	20.5	-2.6	11.0	11.0	0.0
01:44:00	33 49.6	-98 49.5	13.5	-126.0	126.7	950	0.1	22.9	-18.1	83.8	90.5	50.0	24.6	12.6	12.6	25.3
01:44:00	33 49.7	-98 49.5	403.3	418.9	10348*	948	15.0	-13.8	-3.0	83.4	88.2	0.0	223.4	175.2	89.7	215.9
01:44:30	33 48.1	-98 48.9	16.3	-123.6	124.6	9976	173.4	2.3	-5.4	903.7	79.9	20.0	-1.2	-16.9	-18.9	0.4
01:44:30	33 47.9	-98 48.5	16.2	-124.1	125.1	605	173.2	2.2	-5.6	250.6	80.0	20.1	-2.1	11.4	11.4	0.0
01:44:30	33 47.6	-98 49.2	16.3	-124.1	125.1	943	0.1	24.6	-16.4	80.7	87.3	50.0	25.4	13.1	13.1	24.7
01:44:30	33 47.6	-98 49.2	403.8	419.4	10348*	939	15.5	-13.9	-3.1	80.3	84.9	0.0	219.3	173.4	87.7	212.3
01:45:00	33 46.1	-98 48.5	24.2	-120.7	123.1	9976	169.4	2.2	-1.8	903.6	78.1	19.8	-0.9	-16.9	-18.9	0.4
01:45:00	33 45.9	-98 48.1	24.1	-121.3	123.6	601	169.2	2.0	-2.0	250.6	78.1	20.0	-1.9	11.6	11.6	0.0
01:45:00	33 45.6	-98 48.8	24.2	-121.2	123.6	945	0.0	25.3	-15.4	78.9	85.4	50.0	25.9	13.2	13.2	24.3
01:45:00	33 45.6	-98 48.8	404.1	419.7	10348*	941	15.3	-13.7	-3.0	78.5	83.1	0.0	216.9	168.8	87.0	210.1
01:45:30	33 44.1	-98 48.0	24.0	-120.1	122.5	9976	169.6	2.2	-1.8	903.7	75.6	19.5	-0.7	-16.9	-18.9	0.3
01:45:30	33 44.0	-98 47.6	23.9	-120.6	123.0	602	169.6	2.0	-1.9	250.6	75.7	19.7	-1.5	11.5	11.5	0.0
01:45:30	33 43.7	-98 48.3	24.1	-120.6	123.0	944	0.1	25.7	-14.6	76.6	82.8	50.0	26.5	12.9	12.9	23.8
01:45:30	33 43.7	-98 48.3	404.5	420.1	10348*	940	14.6	-11.8	-2.6	76.0	80.8	0.0	213.5	169.4	84.7	207.2
01:46:00	33 42.2	-98 47.8	-43.9	-111.3	119.6	9976	206.1*	2.3	24.6	902.5	72.2	19.8	0.3	-16.9	-18.9	0.4
01:46:00	33 42.0	-98 47.5	-44.0	-111.8	120.1	612	206.0*	2.1	24.4	250.6	72.2	20.0	-0.4	10.9	10.9	0.0
01:46:00	33 41.7	-98 48.2	-43.4	-111.9	120.1	944	0.0	34.9	-9.8	73.1	79.5	50.0	27.4	12.6	12.6	22.1
01:46:00	33 41.7	-98 48.2	406.0	421.7	10348*	943	15.3	-13.2	-3.0	72.6	78.0	0.0	208.7	207.0	83.8	203.2
01:46:30	33 41.2	-98 49.6	-109.4	1.4	109.4	9976	276.2*	2.8	20.8*	902.9	69.5	19.7	0.9	-16.9	-18.9	0.3
01:46:30	33 41.0	-98 49.2	-109.4	1.0	109.4	590	276.1*	2.6	20.6*	250.6	69.5	20.0	0.2	10.7	10.7	0.0
01:46:30	33 40.7	-98 49.9	-109.4	0.7	109.4	940	0.1	35.5	-8.5	70.4	76.7	50.0	28.2	12.3	12.3	21.2
01:46:30	33 40.7	-98 49.9	406.8	422.5	10348*	940	14.2	-15.0	-3.5	69.9	75.3	0.0	204.9	277.6	90.8	199.9
01:47:00	33 41.3	-98 51.7	-109.5	5.8	109.7	9976	277.0	2.8	-2.8	903.7	69.6	19.7	0.8	-16.9	-18.9	0.3
01:47:00	33 41.2	-98 51.3	-109.5	5.4	109.7	582	277.2	2.6	-3.0	250.6	69.7	19.9	0.1	10.8	10.8	0.0
01:47:00	33 40.8	-98 52.0	-109.4	5.5	109.6	942	0.0	29.7	-10.8	70.6	76.6	50.0	28.1	12.6	12.6	21.4
01:47:00	33 40.8	-98 52.0	406.6	422.3	10348*	942	15.8	-12.8	-3.1	70.1	74.4	0.0	205.1	280.4	90.8	200.1
01:47:30	33 41.4	-98 53.8	-112.2	3.3	112.2	9976	276.0	2.2	-1.9	903.5	72.5	19.6	0.1	-16.9	-18.9	0.3
01:47:30	33 41.2	-98 53.5	-112.2	2.9	112.2	606	275.9	2.1	-2.0	250.6	72.6	19.9	-0.7	11.1	11.1	0.0
01:47:30	33 40.9	-98 54.2	-112.1	3.1	112.1	940	0.0	28.4	-12.4	73.5	79.7	50.0	27.3	12.8	12.8	22.5
01:47:30	33 40.9	-98 54.1	405.7	421.3	10348*	944	14.4	-12.3	-2.8	73.0	77.4	0.0	209.2	279.9	91.8	203.6
01:48:00	33 41.5	-98 56.0	-114.9	4.9	115.0	9976	275.8	2.3	-1.3*	903.6	74.0	20.0	0.1	-16.9	-18.9	0.3
01:48:00	33 41.3	-98 55.7	-114.9	4.5	115.0	579	275.6	2.1	-1.5*	250.6	74.1	20.2	-0.7	10.9	10.9	0.0
01:48:00	33 41.0	-98 56.4	-114.8	4.6	114.9	939	0.1	28.2	-12.8	74.8	81.2	50.0	26.9	12.4	12.4	22.4
01:48:00	33 41.0	-98 56.3	405.7	421.4	10348*	941	15.1	-14.1	-3.3	74.4	78.8	0.0	211.3	278.3	90.7	205.5

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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
01:48:30	33 41.5	-98 58.3	-116.1	-0.1	116.1	9976	273.2	2.4	-2.4	903.8	75.0	20.1	-0.1	-16.9	-18.9	0.3
01:48:30	33 41.3	-98 57.9	-116.1	-0.5	116.1	575	273.0	2.3	-2.5	250.6	75.1	20.3	-0.9	11.1	11.1	0.0
01:48:30	33 41.0	-98 58.6	-116.0	-0.4	116.0	934	0.1	26.3	-14.1	75.8	82.2	50.0	26.7	12.8	12.8	22.7
01:48:30	33 41.0	-98 58.6	405.4	421.1	10348*	940	15.8	-14.4	-3.4	75.5	79.8	0.0	212.7	275.6	90.8	206.7
01:49:00	33 41.5	-99 0.5	-117.0	-2.0	117.0	9976	272.3	2.4	-1.4	903.6	75.8	19.9	-0.4	-16.9	-18.9	0.3
01:49:00	33 41.3	-99 0.2	-117.0	-2.3	117.0	573	272.5	2.2	-1.5	250.6	75.9	20.1	-1.3	11.2	11.2	0.0
01:49:00	33 41.0	-99 0.9	-116.8	-2.2	116.8	936	0.1	27.2	-14.0	76.6	83.1	50.0	26.5	12.7	12.7	23.3
01:49:00	33 41.0	-99 0.8	404.9	420.5	10348*	941	15.1	-14.7	-3.4	76.3	80.7	0.0	213.8	274.6	90.8	207.6
01:49:30	33 41.5	-99 2.8	-117.7	0.3	117.7	9976	273.3	2.2	-1.3	903.5	77.1	20.0	-0.6	-16.9	-18.9	0.3
01:49:30	33 41.3	-99 2.4	-117.7	-0.0	117.7	569	273.2	2.1	-1.5	250.6	77.2	20.2	-1.4	11.2	11.2	0.0
01:49:30	33 41.0	-99 3.1	-117.5	0.1	117.5	939	0.1	26.2	-14.9	77.9	84.4	50.0	26.1	12.8	12.8	23.6
01:49:30	33 41.0	-99 3.1	404.7	420.3	10348*	942	15.1	-14.5	-3.4	77.5	82.1	0.0	215.6	275.5	91.6	209.1
01:50:00	33 41.8	-99 5.0	-91.4	67.3	113.5	9976	310.5*	1.2*	24.9*	902.7	74.8	19.6	-0.4	-16.9	-18.9	0.3
01:50:00	33 41.5	-99 4.6	-91.4	66.9	113.3	556	310.4*	1.1*	24.8*	250.6	74.9	19.8	-1.2	11.5	11.5	0.0
01:50:00	33 41.2	-99 5.3	-91.5	66.9	113.3	940	0.1	29.8	-12.5	75.4	81.9	50.0	26.7	13.2	13.2	23.3
01:50:00	33 41.2	-99 5.3	404.9	420.5	10348*	943	15.1	-14.7	-3.2	75.2	80.4	0.0	212.4	310.7	92.8	206.3
01:50:30	33 43.4	-99 5.6	35.3	106.4	112.1	9976	19.6*	0.5	24.3	913.5	77.2	20.6	0.0	-16.9	-18.9	0.3
01:50:30	33 43.2	-99 5.3	35.3	106.1	111.8	485	19.8*	0.3	24.1	250.6	77.3	20.8	-0.9	11.4	11.4	0.0
01:50:30	33 42.9	-99 6.0	35.1	106.5	112.1	836	0.0	33.2	-12.3	78.0	84.6	50.0	26.1	12.9	12.9	22.6
01:50:30	33 42.8	-99 6.0	405.5	421.2	10348*	841	15.6	-12.7	-2.9	77.7	83.0	0.0	215.7	16.5	97.2	209.5
01:51:00	33 44.4	-99 4.0	115.6	2.7	115.6	9976	86.8*	2.0	16.4*	918.9	76.3	20.6	0.2	-16.9	-18.9	0.3
01:51:00	33 44.2	-99 3.6	115.5	2.2	115.6	456	86.7*	1.9	16.2*	250.6	76.3	20.8	-0.7	11.2	11.2	0.0
01:51:00	33 43.9	-99 4.3	115.9	2.8	116.0	790	0.1	30.0	-13.2	76.9	83.7	50.0	26.4	13.0	13.0	22.3
01:51:00	33 43.9	-99 4.3	405.8	421.5	10348*	791	15.4	-16.7	-3.9	76.7	81.9	0.0	214.4	80.1	93.3	208.3
01:51:30	33 44.4	-99 1.7	116.4	1.1	116.5	9976	87.1	2.2	-2.3	919.1	76.4	20.9	0.4	-16.9	-18.9	0.3
01:51:30	33 44.1	-99 1.3	116.4	0.7	116.4	448	86.8	2.1	-2.4	250.6	76.5	21.1	-0.4	11.3	11.3	0.0
01:51:30	33 43.8	-99 2.0	116.8	0.9	116.8	795	0.0	25.6	-14.9	77.3	83.7	50.0	26.3	12.9	12.9	21.9
01:51:30	33 43.8	-99 2.0	406.2	421.9	10348*	797	15.1	-12.4	-2.7	76.8	81.3	0.0	214.6	82.8	92.5	208.6
01:52:00	33 44.4	-98 59.4	117.2	2.4	117.3	9976	86.6	2.2	-1.4	919.0	78.0	21.0	0.2	-16.9	-18.9	0.3
01:52:00	33 44.1	-98 59.1	117.2	2.0	117.2	450	86.8	2.0	-1.5	250.6	78.1	21.2	-0.8	11.3	11.3	0.0
01:52:00	33 43.8	-98 59.7	117.7	2.2	117.7	797	0.1	25.2	-15.7	78.8	85.4	50.0	25.9	12.8	12.8	22.4
01:52:00	33 43.8	-98 59.8	405.7	421.4	10348*	798	14.8	-13.7	-3.2	78.5	83.0	0.0	216.8	82.2	93.6	210.5
01:52:30	33 44.4	-98 57.2	118.0	1.2	118.0	9976	87.2	2.1	-0.7	918.9	78.8	20.9	-0.1	-16.9	-18.9	0.3
01:52:30	33 44.2	-98 56.8	117.9	0.7	117.9	455	87.1	1.9	-0.8	250.6	78.8	21.1	-1.0	11.6	11.6	0.0
01:52:30	33 43.9	-98 57.4	118.4	0.9	118.4	798	0.1	25.2	-16.0	79.5	86.2	50.0	25.7	13.4	13.4	22.8
01:52:30	33 43.9	-98 57.5	405.4	421.0	10348*	799	15.1	-13.6	-4.0	79.2	83.9	0.0	217.8	82.6	93.7	211.3
01:53:00	33 44.4	-98 54.9	119.9	-0.8	119.9	9976	87.7	1.7	-1.0	920.6	80.4	21.0	-0.3	-16.9	-18.9	0.3
01:53:00	33 44.2	-98 54.5	119.8	-1.2	119.8	433	87.5	1.5	-1.2	250.6	80.5	21.2	-1.3	11.6	11.6	0.0
01:53:00	33 43.9	-98 55.1	120.3	-1.0	120.3	780	0.1	25.0	-16.6	81.2	87.9	50.0	25.3	13.2	13.2	23.1
01:53:00	33 43.9	-98 55.2	405.1	420.7	10348*	784	15.4	-13.2	-3.9	80.8	85.4	0.0	220.0	82.8	93.8	213.2

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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
01:53:30	33 44.4	-98 52.5	119.8	-2.1	119.8	9976	87.9	2.0	-1.2	920.3	79.9	20.9	-0.3	-16.9	-18.9	0.3
01:53:30	33 44.1	-98 52.2	119.8	-2.6	119.8	451	87.7	1.9	-1.3	250.6	80.0	21.1	-1.3	11.4	11.4	0.0
01:53:30	33 43.8	-98 52.8	120.2	-2.4	120.3	787	0.1	24.4	-16.7	80.8	87.3	50.0	25.4	13.0	13.0	23.1
01:53:30	33 43.8	-98 52.8	405.1	420.7	10348*	787	15.8	-12.3	-3.6	80.3	85.0	0.0	219.3	82.6	93.3	212.6
01:54:00	33 44.4	-98 50.2	119.0	-2.3	119.0	9976	88.5	2.0	-3.0	920.5	78.7	20.8	-0.1	-16.9	-18.9	0.3
01:54:00	33 44.1	-98 49.8	118.9	-2.7	119.0	454	88.6	1.9	-3.1	250.6	78.7	21.0	-1.0	11.5	11.5	0.0
01:54:00	33 43.8	-98 50

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
01:58:30	33 29.2	-98 43.3	20.6	-124.9	126.6	9976	173.2	2.2	-1.1	904.1	77.0	21.2	0.6	-16.9	-18.9	0.3
01:58:30	33 28.9	-98 43.0	20.5	-125.1	126.8	599	173.0	2.1	-1.3	250.6	77.1	21.4	-0.3	10.3	10.3	0.0
01:58:30	33 28.6	-98 43.5	21.0	-124.9	126.7	937	0.1	25.7	-15.5	77.7	84.3	50.0	26.1	12.1	12.1	21.6
01:58:30	33 28.7	-98 43.5	406.4	422.1	10348*	938	14.8	-15.1	-4.6	77.4	82.0	0.0	215.5	174.8	83.0	209.5
01:59:00	33 27.2	-98 43.3	-53.5	-110.2	122.5	9976	211.9*	1.8	24.6	902.9	77.3	21.4	0.7	-16.9	-18.9	0.3
01:59:00	33 26.9	-98 43.0	-53.6	-110.4	122.7	558	211.8*	1.6	24.5	250.6	77.4	21.6	-0.2	10.2	10.2	0.0
01:59:00	33 26.6	-98 43.5	-52.7	-110.6	122.5	937	0.0	32.6	-12.9	78.1	84.9	50.0	26.1	12.0	12.0	21.5
01:59:00	33 26.7	-98 43.5	406.6	422.3	10348*	939	14.5	-14.4	-4.0	77.7	83.1	0.0	215.8	214.9	88.0	209.9
01:59:30	33 26.3	-98 45.2	-112.3	-8.7	112.7	9976	270.7*	2.2	8.6	904.2	75.9	21.5	1.1	-16.9	-18.9	0.3
01:59:30	33 25.9	-98 44.8	-112.4	-8.9	112.8	558	270.7*	2.0	8.3	250.6	76.0	21.7	0.3	10.2	10.2	0.0
01:59:30	33 25.7	-98 45.3	-112.1	-8.9	112.4	932	0.1	27.7	-14.2	77.2	83.3	50.0	26.4	11.8	11.8	20.8
01:59:30	33 25.7	-98 45.3	407.2	422.9	10348*	934	13.5	-7.5	-2.1	76.4	81.3	0.0	213.9	275.2	96.3	208.2
02:00:00	33 26.3	-98 47.3	-112.2	2.9	112.2	9976	276.2	2.3	-0.6	904.3	75.2	21.2	0.9	-16.9	-18.9	0.3
02:00:00	33 25.9	-98 47.0	-112.3	2.8	112.3	576	276.0	2.2	-0.8	250.6	75.2	21.4	0.1	10.4	10.4	0.0
02:00:00	33 25.7	-98 47.5	-111.9	3.1	112.0	925	0.0	26.2	-14.6	76.0	82.4	50.0	26.6	12.2	12.2	21.1
02:00:00	33 25.7	-98 47.5	406.9	422.6	10348*	935	15.4	-13.7	-3.9	75.6	80.1	0.0	212.9	279.9	95.6	207.3
02:00:30	33 26.3	-98 49.5	-112.9	4.6	113.0	9976	276.7	2.3	-1.2	904.4	75.4	20.9	0.6	-16.9	-18.9	0.3
02:00:30	33 26.0	-98 49.2	-113.0	4.5	113.1	558	276.4	2.1	-1.3	250.6	75.5	21.1	-0.2	10.5	10.5	0.0
02:00:30	33 25.7	-98 49.7	-112.7	4.8	112.8	925	0.0	26.1	-14.7	76.2	82.6	50.0	26.6	12.3	12.3	21.6
02:00:30	33 25.7	-98 49.6	406.5	422.2	10348*	934	15.0	-13.7	-4.0	75.8	80.2	0.0	213.2	280.1	94.9	207.5
02:01:00	33 26.4	-98 51.7	-113.9	4.8	114.0	9976	276.6	2.1	-2.4	904.1	77.2	21.3	0.6	-16.9	-18.9	0.3
02:01:00	33 26.1	-98 51.3	-113.9	4.7	114.0	548	276.8	1.9	-2.6	250.6	77.3	21.5	-0.3	10.5	10.5	0.0
02:01:00	33 25.8	-98 51.8	-113.6	5.0	113.7	928	0.1	25.2	-15.8	77.9	84.5	50.0	26.1	12.2	12.2	21.6
02:01:00	33 25.8	-98 51.8	406.4	422.1	10348*	936	14.8	-13.8	-4.1	77.6	82.1	0.0	215.7	280.1	96.2	209.7
02:01:30	33 26.5	-98 53.9	-114.6	3.1	114.7	9976	276.1	2.1	-1.5	904.1	77.9	21.5	0.7	-16.9	-18.9	0.3
02:01:30	33 26.1	-98 53.6	-114.7	3.1	114.7	533	276.0	1.9	-1.7	250.6	78.0	21.7	-0.2	10.4	10.4	0.0
02:01:30	33 25.9	-98 54.0	-114.3	3.4	114.4	927	0.0	24.8	-16.2	78.6	85.2	50.0	25.9	12.2	12.2	21.5
02:01:30	33 25.9	-98 54.0	406.5	422.2	10348*	935	14.8	-14.0	-4.1	78.3	82.9	0.0	216.6	279.7	96.4	210.6
02:02:00	33 26.5	-98 56.1	-115.0	2.8	115.0	9976	276.0	2.1	-1.4	904.1	78.0	21.6	0.8	-16.9	-18.9	0.3
02:02:00	33 26.2	-98 55.8	-115.1	2.7	115.1	539	275.8	1.9	-1.6	250.6	78.1	21.8	-0.1	10.4	10.4	0.0
02:02:00	33 25.9	-98 56.3	-114.7	3.0	114.8	930	0.0	24.7	-16.2	78.8	85.3	50.0	25.9	12.1	12.1	21.4
02:02:00	33 25.9	-98 56.2	406.7	422.4	10348*	936	14.5	-13.6	-4.0	78.4	83.0	0.0	216.8	280.0	96.3	210.7
02:02:30	33 26.6	-98 58.3	-115.5	-0.2	115.5	9976	274.2	2.2	-2.4	904.2	77.7	21.4	0.6	-16.9	-18.9	0.3
02:02:30	33 26.2	-98 58.0	-115.6	-0.2	115.6	559	274.0	2.0	-2.5	250.6	77.8	21.6	-0.3	10.6	10.6	0.0
02:02:30	33 26.0	-98 58.5	-115.2	0.1	115.2	929	0.1	24.9	-16.1	78.5	85.1	50.0	26.0	12.5	12.5	21.6
02:02:30	33 26.0	-98 58.5	406.4	422.1	10348*	935	14.5	-13.5	-4.0	78.2	82.7	0.0	216.4	277.9	95.4	210.3
02:03:00	33 26.6	-99 0.6	-112.6	12.9	113.4	9976	281.6*	6.7*	17.1*	900.9	75.1	21.0	0.8	-16.9	-18.9	0.3
02:03:00	33 26.2	-99 0.2	-112.7	12.9	113.5	579	281.8*	6.5*	16.8*	250.6	75.2	21.2	-0.0	10.8	10.8	0.0
02:03:00	33 26.0	-99 0.7	-112.5	12.7	113.2	951	0.0	34.9	-11.1	76.4	83.1	50.0	26.6	12.6	12.6	21.3
02:03:00	33 26.0	-99 0.7	406.7	422.4	10348*	954	13.5	-12.9	-3.4	75.6	81.1	0.0	212.8	283.8	93.8	207.2

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
02:03:30	33 27.5	-99 2.1	-32.5	97.7	102.9	9976	343.6*	2.8	24.2	885.8	67.9	19.2	0.7	-16.9	-18.9	0.3
02:03:30	33 27.2	-99 1.8	-32.6	97.7	103.0	707	343.5*	2.7	24.0	250.6	68.0	19.5	0.1	10.4	10.4	0.0
02:03:30	33 26.9	-99 2.2	-32.7	97.9	103.2	1096	0.1	35.6	-8.3	69.0	75.2	50.0	28.6	12.1	12.1	21.5
02:03:30	33 26.9	-99 2.2	406.5	422.2	10348*	1100	14.4	-14.0	-3.6	68.3	73.5	0.0	202.6	340.5	94.8	197.8
02:04:00	33 29.0	-99 1.4	99.7	54.1	113.4	9976	59.4*	2.4	26.1	885.0	70.4	19.5	0.4	-16.9	-18.9	0.3
02:04:00	33 28.6	-99 1.0	99.7	54.2	113.4	720	59.5*	2.3	26.0	250.6	70.5	19.7	-0.3	10.1	10.1	0.0
02:04:00	33 28.4	-99 1.5	99.8	55.0	113.9	1104	0.1	34.6	-9.6	71.4	77.7	50.0	27.9	11.9	11.9	21.9
02:04:00	33 28.4	-99 1.5	406.1	421.8	10348*	1105	14.5	-14.0	-3.4	70.8	76.1	0.0	206.2	51.0	88.3	200.9
02:04:30	33 29.1	-98 59.1	119.9	-21.8	121.9	9976	98.1	2.3	3.1	886.2	73.6	19.9	0.1	-16.9	-18.9	0.3
02:04:30	33 28.8	-98 58.8	119.9	-21.7	121.8	716	98.1	2.1	2.9	250.6	73.7	20.1	-0.7	10.2	10.2	0.0
02:04:30	33 28.5	-98 59.2	120.3	-21.6	122.2	1102	0.1	25.6	-14.1	74.2	80.6	50.0	27.1	12.0	12.0	22.5
02:04:30	33 28.5	-98 59.3	405.6	421.3	10348*	1105	14.3	-16.7	-5.0	73.9	78.3	0.0	210.7	91.7	83.6	204.9
02:05:00	33 28.7	-98 56.8	121.4	-19.3	122.9	9976	96.4	2.2	-0.6*	886.0	74.5	19.9	-0.1	-16.9	-18.9	0.3
02:05:00	33 28.3	-98 56.5	121.3	-19.2	122.8	727	96.2	2.1	-0.8*	250.6	74.6	20.1	-0.9	10.2	10.2	0.0
02:05:00	33 28.1	-98 56.9	121.8	-18.9	123.3	1103	0.1	25.5	-14.5	75.4	81.5	50.0	26.8	12.0	12.0	22.8
02:05:00	33 28.1	-98 56.9	405.4	421.0	10348*	1106	14.5	-11.7	-3.4	74.9	79.3	0.0	212.0	91.0	83.6	206.0
02:05:30	33 28.4	-98 54.4	122.1	-20.2	123.8	9976	97.1	2.2	-2.1*	886.0	75.2	20.0	-0.2	-16.9	-18.9	0.3
02:05:30	33 28.0	-98 54.1	122.1	-20.2	123.7	731	96.9	2.0	-2.2*	250.6	75.3	20.2	-1.0	10.1	10.1	0.0
02:05:30	33 27.8	-98 54.5	122.5	-20.0	124.1	1104	0.1	25.9	-14.6	75.8	82.3	50.0	26.6	11.9	11.9	22.9
02:05:30	33 27.8	-98 54.6	405.3	420.9	10348*	1106	15.0	-15.1	-4.5	75.6	80.1	0.0	213.0	91.6	83.6	206.9
02:06:00	33 28.1	-98 52.1	123.7	-8.1	123.9	9976	91.1	2.2	-5.1	885.9	76.4	20.0	-0.3	-16.9	-18.9	0.3
02:06:00	33 27.8	-98 51.7	123.6	-8.1	123.9	705	91.2	2.0	-5.2	250.6	76.4	20.3	-1.2	10.0	10.0	0.0
02:06:00	33 27.6	-98 52.2	124.1	-7.9	124.3	1108	0.1	25.2	-15.4	77.0	83.5	50.0	26.3	11.6	11.6	23.2
02:06:00	33 27.6	-98 52.2	405.0	420.6	10348*	1108	13.8	-14.2	-4.3	76.8	81.1	0.0	214.5	85.7	84.8	208.3
02:06:30	33 28.0	-98 49.7	123.4	-7.2	123.6	9976	90.3	2.1	-1.4	885.9	76.4	20.0	-0.4	-16.9	-18.9	0.3
02:06:30	33 27.7	-98 49.3	123.4	-7.1	123.6	738	90.3	2.0	-1.5	250.6	76.5	20.3	-1.2	10.0	10.0	0.0
02:06:30	33 27.5	-98 49.8	123.8	-6.8	124.0	1106	0.0	25.2	-15.4	77.1	83.6	50.0	26.3	11.8	11.8	23.2
02:06:30	33 27.5	-98 49.8	405.0	420.6	10348*	1108	14.8	-14.3	-4.2	76.8	81.2	0.0	214.6	84.0	85.4	208.4
02:07:00	33 27.9	-98 47.3	123.1	-7.0	123.3	2348*	90.0	2.2	-1.4	886.0	76.3	19.9	-0.4	-16.9	-18.9	0.3
02:07:00	33 27.5	-98 47.0	123.1	-6.9	123.2	756	89.7	2.1	-1.5	250.6	76.4	20.1	-1.3	9.9	9.9	0.0
02:07:00	33 27.4	-98 47.4	123.5	-6.6	123.6	1106	0.0	25.3	-15.4	77.0	83.4	50.0	26.3	11.7	11.7	23.4
02:07:00	33 27.4	-98 47.4	404.9	420.5	10348*	1107	13.9	-13.7	-4.0	76.7	81.2	0.0	214.5	83.3	85.6	208.2
02:07:30	33 27.8	-98 44.9	122.6	-6.5	122.7	741	89.7	2.3	-1.5	886.2	74.4	20.0	0.0	-16.9	-18.9	0.3
02:07:30	33 27.4	-98 44.6	122.5	-6.4	122.7	753	89.5	2.2	-1.7	250.6	74.5	20.2	-0.8	9.6	9.6	0.0
02:07:30	33 27.3	-98 45.0	122.9	-6.1	123.1	1103	0.1	26.1	-14.3	75.1	81.4	50.0	26.8	11.4	11.4	22.6
02:07:30	33 27.3	-98 45.0	405.5	421.2	10348*	1106	14.2	-13.6	-4.0	74.8	79.1	0.0	211.8	83.0	83.9	205.9
02:08:00	33 27.7	-98 42.5	122.6	-5.7	122.7	743	89.5	2.3	-1.6	886.2	73.6	20.0	0.2	-16.9	-18.9	0.3
02:08:00	33 27.3	-98 42.2	122.5	-5.6	122.7	754	89.7	2.1	-1.7	250.6	73.6	20.2	-0.6	9.5	9.5	0.0
02:08:00	33 27.2	-98 42.6	122.9	-5.3	123.1	1104	0.1	26.4	-13.8	74.3	80.5	50.0	27.1	11.2	11.2	22.3
02:08:00	33 27.2	-98 42.6	405.8	421.4	10348*	1105	12.9	-13.9	-4.0	74.0	78.3	0.0	210.7	82.9	82.9	204.9

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
02:08:30	33 27.6	-98 40.2	122.8	-5.2	122.9	745	89.3	2.4	-1.5	886.2	73.7	19.9	0.1	-16.9	-18.9	0.3
02:08:30	33 27.3	-98 39.8	122.8	-5.0	122.9	757	89.3	2.2	-1.6	250.6	73.8	20.1	-0.7	9.5	9.5	0.0
02:08:30	33 27.1	-98 40.2	123.1	-4.8	123.2	1104	0.1	26.5	-13.9	74.5	80.7	50.0	27.0	11.1	11.1	22.5
02:08:30	33 27.1	-98 40.3	405.7	421.3	10348*	1105	13.0	-13.2	-3.8	74.1	78.5	0.0	210.8	82.8	82.9	205.1
02:09:00	33 27.5	-98 37.8	122.7	-5.0	122.8	747	89.0	2.4	-1.4	886.1	75.2	19.2	-0.9	-16.9	-18.9	0.3
02:09:00	33 27.2	-98 37.5	122.7	-4.9	122.8	756	88.8	2.2	-1.6	250.6	75.3	19.4	-1.7	10.0	10.0	0.0
02:09:00	33 27.0	-98 37.8	123.1	-4.6	123.2	1105	0.1	25.8	-14.7	75.9	82.3	50.0	26.6	11.9	11.9	24.2
02:09:00	33 27.0	-98 37.9	404.2	419.8	10348*	1106	13.6	-14.0	-4.1	75.6	80.0	0.0	212.9	82.2	84.5	206.6
02:09:30	33 27.4	-98 35.4	122.6	-5.0	122.7	768	88.8	2.3	-1.2	886.1	73.9	19.3	-0.5	-16.9	-18.9	0.3
02:09:30	33 27.1	-98 35.1	122.6	-4.9	122.7	779	88.5	2.2	-1.4	250.6	74.0	19.6	-1.3	9.8	9.8	0.0
02:09:30	33 26.9	-98 35.5	122.9	-4.6	123.0	1106	0.0	26.5	-14.0	74.7	80.9	50.0	27.0	11.5	11.5	23.4
02:09:30	33 26.9	-98 35.5	404.8	420.4	10348*	1106	13.4	-13.4	-3.9	74.3	78.7	0.0	211.2	81.5	83.4	205.2
02:10:00	33 26.9	-98 33.2	91.5	-86.3	125.7	771	134.0*	2.2	22.7	885.1	73.3	19.2	-0.5	-16.9	-18.9	0.3
02:10:00	33 26.5	-98 32.9	91.5	-86.1	125.7	781	134.3*	2.1	22.4	250.6	73.3	19.4	-1.3	9.9	9.9	0.0
02:10:00	33 26.4	-98 33.2	92.1	-85.6	125.8	1103	0.1	32.0	-11.5	74.1	80.5	50.0	27.1	11.4	11.4	23.5
02:10:00	33 26.4	-98 33.2	404.8	420.4	10348*	1108	14.1	-13.6	-3.4	73.7	78.6	0.0	210.3	129.6	78.7	204.3
02:10:30	33 25.0	-98 32.5	-23.7	-119.6	121.9	749	196.5*	2.2	12.7*	885.7	72.0	19.2	-0.2	-16.9	-18.9	0.3
02:10:30	33 24.7	-98 32.2	-23.7	-119.4	121.7	758	196.4*	2.0	12.4*	250.6	72.0	19.4	-0.9	9.8	9.8	0.0
02:10:30	33 24.5	-98 32.5	-23.5	-119.3	121.5	1103	0.1	28.1	-12.6	72.5	79.0	50.0	27.5	11.5	11.5	23.0
02:10:30	33 24.6	-98 32.5	405.2	420.8	10348*	1106	14.7	-16.6	-4.7	72.3	77.1	0.0	208.4	199.8	81.4	202.7
02:11:00	33 23.2	-98 33.2	-53.5	-106.7	119.4	711	212.7*	2.6	4.9*	885.8	71.9	19.2	-0.2	-16.9	-18.9	0.3
02:11:00	33 22.8	-98 32.9	-53.5	-106.5	119.2	722	212.6*	2.5	4.7*	250.6	71.9	19.4	-0.9	9.8	9.8	0.0
02:11:00	33 22.7	-98 33.2	-53.2	-106.4	118.9	1100	0.1	29.5	-12.0	72.6	78.9	50.0	27.5	11.3	11.3	22.9
02:11:00	33 22.7	-98 33.2	405.3	420.9	10348*	1106	14.9	-14.2	-4.0	72.2	77.0	0.0	208.3	218.3	84.3	202.6
02:11:30	33 21.5	-98 34.4	-65.0	-97.4	117.1	683	220.1	0.2	-1.1	890.2	70.2	19.8	0.7	-16.9	-18.9	0.3
02:11:30	33 21.2	-98 34.1	-65.0	-97.2	116.9	693	220.3	0.0	-1.2	250.6	70.3	20.0	0.0	9.8	9.8	0.0
02:11:30	33 21.1	-98 34.4	-64.8	-96.9	116.6	1066	0.1	28.5	-11.7	70.6	76.8	50.0	27.9	11.5	11.5	21.5
02:11:30	33 21.1	-98 34.4	406.6	422.3	10348*	1069	14.4	-14.5	-4.2	70.6	74.6	0.0	206.0	226.8	84.7	200.8
02:12:00	33 20.0	-98 35.7	-69.5	-95.9	118.4	541	220.5	0.4	-1.2	904.8	72.5	20.4	0.9	-16.9	-18.9	0.3
02:12:00	33 19.7	-98 35.4	-69.4	-95.6	118.2	556	220.4	0.2	-1.4	250.6	72.6	20.7	0.1	10.2	10.2	0.0
02:12:00	33 19.5	-98 35.7	-69.3	-95.4	117.9	927	0.1	28.6	-12.5	73.0	79.2	50.0	27.3	11.9	11.9	21.2
02:12:00	33 19.5	-98 35.7	406.8	422.5	10348*	930	14.3	-13.4	-3.8	72.9	77.1	0.0	209.2	225.0	85.8	203.8
02:12:30	33 18.4	-98 37.0	-59.7	-102.3	118.4	433	213.8	0.9	-2.4	916.8	72.4	21.2	1.6	-16.9	-18.9	0.3
02:12:30	33 18.1	-98 36.6	-59.6	-102.0	118.2	446	213.6	0.7	-2.5	250.6	72.4	21.5	0.9	10.5	10.5	0.0
02:12:30	33 17.9	-98 37.0	-59.5	-101.8	117.9	820	0.1	28.5	-12.6	72.9	79.1	50.0	27.4	11.9	11.9	20.1
02:12:30	33 17.9	-98 36.9	407.9	423.7	10348*	820	14.3	-13.3	-3.9	72.8	77.0	0.0	209.0	217.1	85.7	203.9
02:13:00	33 16.7	-98 38.1	-55.7	-102.7	116.9	440	211.1	2.2	-2.4	919.5	70.5	21.0	1.8	-16.9	-18.9	0.3
02:13:00	33 16.4	-98 37.7	-55.7	-102.4	116.6	454	210.9	2.1	-2.6	250.6	70.5	21.2	1.1	10.7	10.7	0.0
02:13:00	33 16.3	-98 38.1	-55.5	-102.2	116.3	796	0.1	28.7	-11.9	71.4	77.4	50.0	27.9	12.4	12.4	19.8
02:13:00	33 16.3	-98 38.1	408.2	424.0	10348*	795	13.2	-12.1	-3.5	70.9	75.1	0.0	206.3	213.2	84.8	201.5

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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
02:13:30	33 15.0	-98 39.1	-55.2	-106.1	119.6	441	210.1	2.4	-1.3	919.7	73.0	21.3	1.5	-16.9	-18.9	0.3
02:13:30	33 14.7	-98 38.8	-55.2	-105.8	119.3	454	210.3	2.3	-1.4	250.6	73.1	21.5	0.8	10.7	10.7	0.0
02:13:30	33 14.6	-98 39.1	-55.0	-105.6	119.1	793	0.1	26.3	-13.8	74.0	80.1	50.0	27.2	12.3	12.3	20.2
02:13:30	33 14.6	-98 39.1	407.8	423.6	10348*	792	13.5	-13.0	-3.5	73.4	77.8	0.0	209.9	212.0	85.3	204.8
02:14:00	33 13.3	-98 40.2	-56.0	-108.0	121.6	447	210.2	2.2	-1.4	919.4	75.8	21.6	1.2	-16.9	-18.9	0.3
02:14:00	33 13.0	-98 39.9	-55.9	-107.6	121.3	459	210.1	2.1	-1.6	250.6	75.9	21.8	0.4	10.7	10.7	0.0
02:14:00	33 12.8	-98

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
02:18:30	33 22.5	-98 38.5	55.2	98.1	112.6	416	27.8*	2.1	15.6*	919.2	77.1	21.6	1.0	-16.9	-18.9	0.3
02:18:30	33 22.2	-98 38.1	55.5	98.5	113.1	431	28.0*	2.0	15.5*	250.6	77.1	21.8	0.1	10.7	10.7	0.0
02:18:30	33 22.2	-98 38.5	54.9	99.1	113.3	792	0.0	26.6	-15.3	78.4	84.4	50.0	26.1	12.4	12.4	21.0
02:18:30	33 22.1	-98 38.5	407.0	422.7	10348*	796	12.2	-5.5	-1.5	77.5	82.4	0.0	215.5	24.0	97.3	209.6
02:19:00	33 23.2	-98 36.6	117.2	-17.9	118.6	417	97.4*	2.3	24.3	918.9	74.8	21.4	1.2	-16.9	-18.9	0.3
02:19:00	33 23.0	-98 36.3	117.4	-17.6	118.7	430	97.4*	2.1	24.2	250.6	74.8	21.6	0.4	10.7	10.7	0.0
02:19:00	33 22.9	-98 36.6	117.5	-16.9	118.7	790	0.1	32.1	-12.3	75.7	82.2	50.0	26.7	12.5	12.5	20.7
02:19:00	33 22.9	-98 36.6	407.3	423.1	10348*	794	13.8	-13.0	-3.2	75.2	80.5	0.0	212.4	90.8	88.8	206.9
02:19:30	33 22.0	-98 35.0	31.3	-117.2	121.3	415	167.0*	2.3	24.2	919.0	73.1	21.3	1.6	-16.9	-18.9	0.3
02:19:30	33 21.8	-98 34.6	31.5	-116.9	121.0	427	167.2*	2.1	24.1	250.6	73.1	21.6	0.8	10.6	10.6	0.0
02:19:30	33 21.7	-98 35.0	31.8	-116.6	120.8	790	0.1	32.6	-11.6	74.1	80.4	50.0	27.2	12.4	12.4	20.1
02:19:30	33 21.7	-98 35.0	407.9	423.6	10348*	791	15.8	-12.3	-2.9	73.5	78.7	0.0	210.0	164.7	83.5	204.8
02:20:00	33 20.1	-98 35.4	-45.4	-111.6	120.5	384	204.8	1.5	-0.3	922.2	74.7	21.6	1.4	-16.9	-18.9	0.3
02:20:00	33 19.9	-98 35.1	-45.2	-111.3	120.1	398	204.7	1.4	-0.5	250.6	74.8	21.8	0.6	10.6	10.6	0.0
02:20:00	33 19.8	-98 35.4	-45.4	-111.1	120.0	771	0.1	24.8	-15.4	75.5	81.9	50.0	26.7	12.4	12.4	20.3
02:20:00	33 19.9	-98 35.4	407.7	423.4	10348*	771	13.8	-13.8	-3.9	75.1	79.5	0.0	212.3	206.6	86.5	206.9
02:20:30	33 18.3	-98 36.4	-48.5	-111.4	121.5	380	205.8	1.4	-1.3	923.8	76.9	21.9	1.3	-16.9	-18.9	0.3
02:20:30	33 18.1	-98 36.0	-48.3	-111.1	121.1	394	205.6	1.2	-1.5	250.6	77.0	22.1	0.4	10.7	10.7	0.0
02:20:30	33 18.0	-98 36.3	-48.5	-110.9	121.1	754	0.0	23.8	-16.6	77.8	84.1	50.0	26.2	12.4	12.4	20.6
02:20:30	33 18.1	-98 36.3	407.4	423.1	10348*	757	12.5	-12.5	-3.6	77.3	81.8	0.0	215.3	207.4	88.1	209.6
02:21:00	33 16.5	-98 37.3	-49.9	-113.6	124.1	356	206.0	0.6	-1.6	928.2	81.2	22.6	1.0	-16.9	-18.9	0.3
02:21:00	33 16.3	-98 36.9	-49.7	-113.3	123.7	371	205.8	0.4	-1.8	250.6	81.3	22.8	0.0	10.7	10.7	0.0
02:21:00	33 16.2	-98 37.3	-49.9	-113.1	123.6	716	0.0	20.7	-19.4	81.9	88.5	50.0	25.1	12.6	12.6	21.0
02:21:00	33 16.2	-98 37.2	407.1	422.8	10348*	717	12.6	-14.3	-4.1	81.5	86.1	0.0	221.1	207.4	90.6	214.7
02:21:30	33 14.7	-98 38.3	-50.6	-113.5	124.3	331	206.1	1.9	-1.6	930.8	81.2	22.8	1.2	-16.9	-18.9	0.3
02:21:30	33 14.5	-98 37.9	-50.4	-113.1	123.8	346	206.3	1.7	-1.8	250.6	81.2	23.0	0.2	10.8	10.8	0.0
02:21:30	33 14.4	-98 38.2	-50.7	-113.0	123.8	692	0.0	22.9	-18.5	82.0	88.6	50.0	25.1	12.7	12.7	20.7
02:21:30	33 14.4	-98 38.2	407.3	423.1	10348*	691	13.8	-13.3	-3.7	81.5	86.2	0.0	221.0	207.4	90.5	214.7
02:22:00	33 12.8	-98 39.3	-49.8	-112.6	123.2	339	206.0	2.1	-1.1*	931.2	79.7	22.7	1.4	-16.9	-18.9	0.3
02:22:00	33 12.6	-98 38.9	-49.6	-112.3	122.7	355	205.9	1.9	-1.3*	250.6	79.7	22.9	0.4	10.8	10.8	0.0
02:22:00	33 12.5	-98 39.2	-49.9	-112.1	122.7	694	0.0	23.5	-17.6	80.6	87.1	50.0	25.5	12.5	12.5	20.4
02:22:00	33 12.6	-98 39.2	407.6	423.4	10348*	688	13.1	-12.4	-3.6	80.1	84.5	0.0	219.0	207.5	89.9	213.0
02:22:30	33 11.7	-98 40.9	-109.4	-8.3	109.7	392	270.7*	4.2	20.3*	923.3	68.9	21.4	2.6	-16.9	-18.9	0.3
02:22:30	33 11.5	-98 40.5	-109.1	-7.9	109.4	406	270.6*	4.1	20.1*	250.6	68.9	21.7	1.9	10.8	10.8	0.0
02:22:30	33 11.4	-98 40.9	-109.5	-8.2	109.9	752	0.0	32.5	-10.3	70.1	76.1	50.0	28.3	12.5	12.5	18.7
02:22:30	33 11.4	-98 40.9	409.3	425.2	10348*	750	13.6	-12.8	-2.9	69.3	74.6	0.0	204.0	272.2	90.3	199.7
02:23:00	33 11.6	-98 43.0	-109.4	-10.0	109.8	404	268.7	3.2	-2.0	921.7	68.6	21.2	2.4	-16.9	-18.9	0.3
02:23:00	33 11.4	-98 42.6	-109.1	-9.6	109.5	419	268.8	3.0	-2.1	250.6	68.7	21.4	1.7	10.8	10.8	0.0
02:23:00	33 11.3	-98 43.0	-109.5	-9.4	109.9	774	0.0	28.8	-11.6	69.6	75.6	50.0	28.4	12.6	12.6	19.0
02:23:00	33 11.3	-98 43.0	409.1	424.9	10348*	774	13.4	-12.9	-3.6	69.0	73.3	0.0	203.6	271.8	89.9	199.3

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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
02:23:30	33 11.5	-98 45.2	-111.6	-6.4	111.8	434	270.6	2.4	-1.1	920.7	72.0	21.4	1.9	-16.9	-18.9	0.3
02:23:30	33 11.3	-98 44.7	-111.3	-6.1	111.5	449	270.5	2.2	-1.3	250.6	72.1	21.7	1.1	10.9	10.9	0.0
02:23:30	33 11.2	-98 45.1	-111.7	-5.9	111.9	784	0.1	26.7	-13.5	73.0	79.1	50.0	27.5	12.7	12.7	19.7
02:23:30	33 11.2	-98 45.1	408.3	424.1	10348*	782	16.2	-13.7	-3.9	72.4	76.7	0.0	208.5	273.4	92.2	203.6
02:24:00	33 11.4	-98 47.3	-113.9	-2.9	113.9	443	272.4	2.3	-0.0	920.7	74.8	21.7	1.6	-16.9	-18.9	0.3
02:24:00	33 11.2	-98 46.9	-113.6	-2.5	113.6	458	272.2	2.2	-0.2	250.6	74.9	22.0	0.8	11.0	11.0	0.0
02:24:00	33 11.1	-98 47.3	-114.0	-2.4	114.1	781	0.1	25.6	-15.1	75.6	82.0	50.0	26.7	12.8	12.8	20.1
02:24:00	33 11.1	-98 47.3	407.9	423.6	10348*	783	13.3	-15.5	-4.4	75.2	79.6	0.0	212.4	274.9	93.4	207.1
02:24:30	33 11.4	-98 49.5	-115.5	2.0	115.5	425	274.1	2.1	-1.1	920.5	77.1	21.8	1.1	-16.9	-18.9	0.3
02:24:30	33 11.2	-98 49.1	-115.1	2.4	115.2	440	273.9	1.9	-1.3	250.6	77.1	22.0	0.2	10.8	10.8	0.0
02:24:30	33 11.1	-98 49.5	-115.6	2.6	115.6	779	0.0	24.5	-16.3	77.9	84.4	50.0	26.1	12.6	12.6	20.8
02:24:30	33 11.1	-98 49.5	407.2	422.9	10348*	784	13.7	-14.0	-4.0	77.5	81.9	0.0	215.5	276.1	94.4	209.7
02:25:00	33 11.4	-98 51.8	-116.9	-1.4	116.9	433	272.6	2.0	-2.8	920.6	79.0	22.1	1.0	-16.9	-18.9	0.3
02:25:00	33 11.2	-98 51.3	-116.6	-1.0	116.6	447	272.7	1.9	-2.9	250.6	79.1	22.3	0.1	11.1	11.1	0.0
02:25:00	33 11.2	-98 51.8	-117.1	-0.8	117.1	783	0.1	23.6	-17.5	79.9	86.4	50.0	25.6	13.0	13.0	20.9
02:25:00	33 11.2	-98 51.7	407.1	422.8	10348*	783	14.4	-14.1	-4.0	79.4	84.0	0.0	218.2	275.1	95.4	212.1
02:25:30	33 11.3	-98 54.0	-116.5	-4.7	116.6	431	270.9	2.1	-1.6	920.7	78.3	22.2	1.2	-16.9	-18.9	0.3
02:25:30	33 11.2	-98 53.6	-116.2	-4.4	116.3	446	270.8	1.9	-1.8	250.6	78.4	22.4	0.3	11.2	11.2	0.0
02:25:30	33 11.1	-98 54.0	-116.7	-4.2	116.8	783	0.1	24.1	-17.0	79.2	85.7	50.0	25.8	12.9	12.9	20.7
02:25:30	33 11.1	-98 54.0	407.3	423.1	10348*	782	14.8	-13.7	-3.9	78.7	83.2	0.0	217.2	273.2	94.9	211.3
02:26:00	33 11.3	-98 56.3	-116.2	-4.8	116.3	414	270.7	2.0	-1.6	920.6	77.9	22.3	1.4	-16.9	-18.9	0.3
02:26:00	33 11.1	-98 55.8	-115.9	-4.4	115.9	429	270.5	1.8	-1.7	250.6	78.0	22.5	0.5	11.1	11.1	0.0
02:26:00	33 11.1	-98 56.3	-116.4	-4.2	116.5	780	0.0	24.1	-16.9	78.8	85.3	50.0	25.9	13.1	13.1	20.4
02:26:00	33 11.1	-98 56.2	407.6	423.3	10348*	783	14.8	-13.7	-4.0	78.3	82.8	0.0	216.7	272.7	94.8	210.9
02:26:30	33 11.2	-98 58.5	-115.8	-0.7	115.8	405	273.2	2.0	0.8	920.5	78.4	22.6	1.7	-16.9	-18.9	0.3
02:26:30	33 11.1	-98 58.1	-115.5	-0.3	115.5	419	273.0	1.9	0.6	250.6	78.5	22.9	0.7	11.0	11.0	0.0
02:26:30	33 11.0	-98 58.5	-116.0	-0.1	116.0	779	0.1	24.0	-17.0	79.3	85.7	50.0	25.8	12.8	12.8	20.0
02:26:30	33 11.0	-98 58.5	408.0	423.7	10348*	783	14.3	-12.5	-3.5	78.8	83.4	0.0	217.3	275.9	96.0	211.5
02:27:00	33 11.2	-99 0.7	-115.4	-0.5	115.4	398	272.8	2.1	-1.9	920.7	77.3	22.6	1.9	-16.9	-18.9	0.3
02:27:00	33 11.1	-99 0.3	-115.1	-0.2	115.1	413	272.9	1.9	-2.1	250.6	77.4	22.9	1.0	11.1	11.1	0.0
02:27:00	33 11.0	-99 0.7	-115.7	-0.0	115.7	776	0.1	24.2	-16.6	78.2	84.6	50.0	26.1	13.0	13.0	19.7
02:27:00	33 11.0	-99 0.7	408.3	424.1	10348*	782	14.9	-13.2	-3.7	77.7	82.2	0.0	215.9	275.0	95.1	210.3
02:27:30	33 11.2	-99 3.0	-115.0	-0.7	115.0	398	272.4	2.1	-1.4	920.7	77.4	22.9	2.1	-16.9	-18.9	0.3
02:27:30	33 11.1	-99 2.5	-114.6	-0.3	114.6	414	272.4	1.9	-1.6	250.6	77.5	23.2	1.2	11.2	11.2	0.0
02:27:30	33 11.0	-99 3.0	-115.2	-0.2	115.2	781	0.1	24.1	-16.7	78.3	84.7	50.0	26.0	13.1	13.1	19.3
02:27:30	33 11.0	-99 2.9	408.7	424.5	10348*	782	15.0	-12.8	-3.6	77.8	82.3	0.0	216.0	274.3	95.7	210.5
02:28:00	33 11.2	-99 5.2	-114.7	-0.5	114.7	398	272.4	2.2	-1.3	920.9	76.1	22.6	2.1	-16.9	-18.9	0.3
02:28:00	33 11.1	-99 4.7	-114.3	-0.2	114.3	414	272.2	2.1	-1.5	250.6	76.2	22.8	1.2	11.3	11.3	0.0
02:28:00	33 11.0	-99 5.2	-114.9	-0.1	114.9	783	0.1	24.7	-16.0	77.0	83.4	50.0	26.4	13.0	13.0	19.4
02:28:00	33 11.0	-99 5.2	408.6	424.5	10348*	781	14.5	-13.6	-3.9	76.6	81.0	0.0	214.2	274.0	94.4	208.9

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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
02:28:30	33 11.2	-99 7.4	-114.6	-0.5	114.6	382	272.5	2.2	-1.3	920.9	75.4	22.5	2.1	-16.9	-18.9	0.3
02:28:30	33 11.1	-99 6.9	-114.2	-0.1	114.2	398	272.3	2.1	-1.5	250.6	75.5	22.7	1.3	11.3	11.3	0.0
02:28:30	33 11.0	-99 7.4	-114.8	0.0	114.8	782	0.1	25.0	-15.5	76.2	82.6	50.0	26.6	13.2	13.2	19.3
02:28:30	33 11.0	-99 7.4	408.7	424.5	10348*	781	13.1	-13.8	-3.8	75.8	80.2	0.0	213.3	274.1	93.6	208.0
02:29:00	33 11.2	-99 9.6	-114.6	-0.1	114.6	377	272.4	2.2	-1.2	920.9	75.0	22.3	2.0	-16.9	-18.9	0.3
02:29:00	33 11.1	-99 9.1	-114.2	0.3	114.2	390	272.5	2.1	-1.3	250.6	75.1	22.5	1.2	11.4	11.4	0.0
02:29:00	33 11.0	-99 9.6	-114.9	0.4	114.9	779	0.1	25.1	-15.3	75.9	82.2	50.0	26.7	13.3	13.3	19.5
02:29:00	33 11.0	-99 9.6	408.5	424.3	10348*	783	13.2	-13.2	-3.7	75.4	79.8	0.0	212.7	273.7	93.0	207.5
02:29:30	33 11.6	-99 11.6	-74.9	82.0	111.0	356	320.5*	2.8	24.5	919.6	73.6	22.2	2.2	-16.9	-18.9	0.3
02:29:30	33 11.5	-99 11.1	-74.5	82.4	111.0	371	320.4*	2.7	24.3	250.6	73.7	22.4	1.4	11.5	11.5	0.0
02:29:30	33 11.5	-99 11.6	-75.6	82.1	111.7	780	0.1	36.1	-10.3	74.7	81.2	50.0	27.0	13.3	13.3	19.2
02:29:30	33 11.5	-99 11.6	408.8	424.6	10348*	784	13.6	-13.0	-3.1	74.0	79.6	0.0	210.8	318.9	94.8	205.8
02:30:00	33 13.3	-99 12.0	1.2	105.8	105.8	420	0.6	3.6	-0.8	914.4	66.9	21.2	2.8	-16.9	-18.9	0.3
02:30:00	33 13.2	-99 11.5	1.6	106.1	106.1	435	0.4	3.4	-0.9	250.6	67.0	21.5	2.2	11.3	11.3	0.0
02:30:00	33 13.1	-99 12.1	1.1	106.2	106.2	851	0.1	24.4	-12.8	68.0	73.6	50.0	28.8	12.9	12.9	18.4
02:30:00	33 13.1	-99 12.1	409.7	425.5	10348*	845	13.7	-12.1	-3.4	67.3	71.3	0.0	201.1	358.8	91.4	197.2
02:30:30	33 15.0	-99 12.0	4.0	106.9	106.9	419	1.7	2.7	-1.5	913.4	68.9	21.5	2.7	-16.9	-18.9	0.3
02:30:30	33 14.9	-99 11.5	4.4	107.2	107.3	434	1.8	2.5	-1.6	250.6	68.9	21.8	2.0	11.2	11.2	0.0
02:30:30	33 14.9	-99 12.0	3.8	107.3	107.4	856	0.1	28.3	-11.8	69.7	75.8	50.0	28.3	13.0	13.0	18.6
02:30:30	33 14.9	-99 12.0	409.5	425.3	10348*	854	13.7	-13.7	-3.8	69.2	73.4	0.0	204.0	359.3	92.8	199.7
02:31:00	33 16.8	-99 11.9	2.2	108.3	108.3	426	0.8	2.4	-2.1	913.1	72.3	21.8	2.1	-16.9	-18.9	0.3
02:31:00	33 16.7	-99 11.4	2.7	108.6	108.6	441	0.8	2.3	-2.3	250.6	72.3	22.0	1.4	11.3	11.3	0.0
02:31:00	33 16.6	-99 12.0	2.0	108.7	108.7	858	0.1	25.9	-13.9	73.1	79.3	50.0	27.4	13.1	13.1	19.3
02:31:00	33 16.6	-99 12.0	408.7	424.5	10348*	856	12.9	-13.6	-3.8	72.7	76.9	0.0	208.9	358.7	95.7	204.0
02:31:30	33 18.5	-99 11.9	0.5	109.6	109.6	428	0.4	2.5	-1.7	913.1	72.5	21.4	1.8	-16.9	-18.9	0.3
02:31:30	33 18.4	-99 11.4	0.9	109.9	109.9	443	0.2	2.3	-1.8	250.6	72.5	21.6	1.0	11.2	11.2	0.0
02:31:30	33 18.4	-99 11.9	0.2	110.0	110.0	851	0.1	26.5	-13.7	73.4	79.6	50.0	27.3	12.8	12.8	19.8
02:31:30	33 18.4	-99 11.9	408.2	423.9	10348*	856	14.7	-12.9	-3.5	72.9	77.3	0.0	209.2	359.0	94.5	204.2
02:32:00	33 20.3	-99 11.9	0.5	110.8	110.8	414	0.2	2.0	-1.4	912.9	76.9	22.0	1.4	-16.9	-18.9	0.3
02:32:00	33 20.2	-99 11.4	0.9	111.0	111.0	428	360.0	1.9	-1.6	250.6	76.9	22.2	0.5	11.2	11.2	0.0
02:32:00	33 20.2	-99 11.9	0.3	111.1	111.1	841	0.1	24.1	-16.3	77.6	84.1	50.0	26.2	12.9	12.9	20.5
02:32:00	33 20.2	-99 11.9	407.5	423.3	10348*	856	14.2	-14.9	-4.2	77.2	81.6	0.0	215.2	358.3	98.8	209.5
02:32:30	33 22.1	-99 11.9	0.9	111.3	111.3	431	0.2	2.0	-1.5	912.9	77.7	22.2	1.3	-16.9	-18.9	0.3
02:32:30	33 22.0	-99 11.3	1.3	111.5	111.5	446	0.3	1.8	-1.6	250.6	77.7	22.4	0.4	11.2	11.2	0.0
02:32:30	33 22.0	-99 11.9	0.6	111.6	111.6	840	0.1	23.3	-17.0	78.5	84.9	50.0	26.0	12.8	12.8	20.5
02:32:30	33 22.0	-99 11.9	407.5	423.3	10348*	856	12.5	-13.6	-3.9	78.1	82.5	0.0	216.3	358.3	99.3	210.6
02:33:00	33 23.9	-99 11.9	0.3	112.0	112.0	429	0.4	2.1	-1.6	913.0	77.7	21.7	0.9	-16.9	-18.9	0.3
02:33:00	33 23.8	-99 11.3	0.8	112.2	112.2	444	0.3	1.9	-1.7	250.6	77.8	21.9	0.0	11.1	11.1	0.0
02:33:00	33 23.8	-99 11.9	0.1	112.3	112.3	842	0.0	23.4	-17.0	78.6	85.0	50.0	26.0	12.9	12.9	21.1
02:33:00	33 23.8	-99 11.9	406.9	422.6	10348*	856	15.1	-13.3	-3.8	78.1	82.5	0.0	216.4	359.1	98.5	210.4

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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
02:33:30	33 25.7	-99 11.9	0.1	112.2	112.2	429	0.3	1.9	-1.5	912.9	78.8	21.6	0.6	-16.9	-18.9	0.3
02:33:30	33 25.7	-99 11.3	0.5	112.4	112.4	443	0.1	1.8	-1.7	250.6	78.9	21.8	-0.4	11.2	11.2	0.0
02:33:30	33 25.6	-99 11.9	-0.2	112.5	112.5	846	0.0	22.2	-17.9	79.7	86.1	50.0	25.7	12.8	12.8	21.7
02:33:30	33 25.6	-99 11.9	406.3	422.0	10348*	857	14.5	-12.7	-3.5	79.2	83.7	0.0	217.8	359.3	99.4	211.6
02:34:00	33 27.6	-99 11.9	-0.1	113.2	113.2	473	0.5	2.1	-1.4	913.0	77.0	20.5	-0.1	-16.9	-18.9	0.3
02:34:00	33 27.5	-99 11.3	0.4	113.4	113.4	489	0.2	1.9	-1.5	250.6	77.1	20.7	-1.0	11.4	11.4	0.0
02:34:00	33 27.5	-99 11.9	-0.5	113.5	113.5	853	0.0	24.2	-16.4	77.7

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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
02:38:30	33 41.4	-99 16.1	-117.5	-17.8	118.8	486	264.2	2.0	2.3	912.9	78.6	20.4	-0.5	-16.9	-18.9	0.3
02:38:30	33 41.3	-99 15.5	-117.1	-17.8	118.4	477	264.0	1.9	2.1	250.6	78.6	20.6	-1.4	9.9	9.9	0.0
02:38:30	33 41.3	-99 16.2	-117.9	-18.0	119.3	851	0.1	22.4	-17.5	79.4	85.8	50.0	25.8	11.4	11.4	23.5
02:38:30	33 41.3	-99 16.2	404.8	420.4	10348*	857	14.9	-13.2	-3.7	78.9	83.6	0.0	217.5	265.9	92.3	210.9
02:39:00	33 41.2	-99 18.4	-118.9	-4.0	119.0	477	270.8	1.9	-0.3	912.7	79.7	20.5	-0.7	-16.9	-18.9	0.3
02:39:00	33 41.2	-99 17.7	-118.6	-4.0	118.6	474	270.9	1.7	-0.5	250.6	79.8	20.6	-1.6	9.5	9.5	0.0
02:39:00	33 41.1	-99 18.5	-119.4	-4.1	119.5	855	0.1	22.0	-18.1	80.7	87.1	50.0	25.5	11.0	11.0	23.8
02:39:00	33 41.1	-99 18.5	404.5	420.2	10348*	858	15.4	-12.3	-3.4	80.1	84.8	0.0	219.1	272.7	93.4	212.3
02:39:30	33 41.2	-99 20.7	-119.3	-2.2	119.3	478	271.7	1.9	-1.2	912.7	80.4	20.5	-0.8	-16.9	-18.9	0.3
02:39:30	33 41.1	-99 20.0	-118.9	-2.2	118.9	475	271.7	1.7	-1.3	250.6	80.5	20.7	-1.8	9.4	9.4	0.0
02:39:30	33 41.1	-99 20.8	-119.7	-2.4	119.7	851	0.1	21.7	-18.4	81.1	87.7	50.0	25.3	11.0	11.0	24.0
02:39:30	33 41.1	-99 20.8	404.4	420.0	10348*	859	15.4	-14.4	-4.1	80.8	85.3	0.0	220.0	273.4	93.9	213.1
02:40:00	33 41.1	-99 23.0	-119.4	-1.9	119.4	491	271.7	1.9	-1.2	912.8	80.6	20.6	-0.7	-16.9	-18.9	0.3
02:40:00	33 41.1	-99 22.4	-119.0	-1.9	119.0	482	271.5	1.7	-1.4	250.6	80.7	20.7	-1.8	9.3	9.3	0.0
02:40:00	33 41.1	-99 23.2	-119.8	-2.2	119.9	854	0.1	21.6	-18.6	81.4	88.0	50.0	25.2	11.2	11.2	23.9
02:40:00	33 41.1	-99 23.1	404.4	420.0	10348*	858	15.0	-13.6	-3.9	81.0	85.7	0.0	220.3	273.4	94.1	213.3
02:40:30	33 41.1	-99 25.3	-118.4	2.7	118.4	502	273.9	1.9	-2.2*	912.8	79.8	20.7	-0.5	-16.9	-18.9	0.3
02:40:30	33 41.1	-99 24.6	-118.0	2.7	118.0	498	273.7	1.7	-2.4*	250.6	79.9	20.8	-1.5	9.3	9.3	0.0
02:40:30	33 41.0	-99 25.5	-118.8	2.4	118.9	857	0.1	22.2	-18.1	80.6	87.1	50.0	25.4	10.8	10.8	23.5
02:40:30	33 41.0	-99 25.5	404.8	420.4	10348*	858	16.0	-13.6	-3.8	80.2	84.8	0.0	219.2	275.6	94.2	212.5
02:41:00	33 41.1	-99 27.6	-118.0	-1.5	118.0	486	271.8	1.9	-1.8	912.8	79.0	20.7	-0.3	-16.9	-18.9	0.3
02:41:00	33 41.1	-99 26.9	-117.6	-1.5	117.6	484	271.9	1.8	-1.9	250.6	79.0	20.8	-1.3	9.1	9.1	0.0
02:41:00	33 41.0	-99 27.8	-118.4	-1.8	118.5	859	0.1	22.5	-17.6	79.8	86.2	50.0	25.6	10.7	10.7	23.2
02:41:00	33 41.0	-99 27.8	405.1	420.7	10348*	857	15.4	-13.3	-3.7	79.3	83.9	0.0	218.1	273.3	93.7	211.5
02:41:30	33 41.1	-99 29.9	-117.7	-1.6	117.7	457	272.2	2.0	0.6	912.9	77.6	20.3	-0.4	-16.9	-18.9	0.3
02:41:30	33 41.0	-99 29.2	-117.4	-1.7	117.4	450	272.2	1.8	0.4	250.6	77.7	20.5	-1.3	9.0	9.0	0.0
02:41:30	33 41.0	-99 30.1	-118.2	-2.0	118.2	861	0.1	23.0	-16.9	78.5	84.9	50.0	26.0	10.4	10.4	23.3
02:41:30	33 41.0	-99 30.1	405.0	420.6	10348*	856	15.6	-13.0	-3.6	78.0	82.5	0.0	216.2	274.2	92.2	209.8
02:42:00	33 40.5	-99 32.0	-78.5	-90.7	119.9	526	221.9*	2.7	-25.0	913.5	76.6	20.5	-0.0	-16.9	-18.9	0.3
02:42:00	33 40.4	-99 31.3	-78.0	-90.9	119.8	420	221.5*	2.5	-25.2	250.6	76.7	20.7	-0.9	9.1	9.1	0.0
02:42:00	33 40.4	-99 32.2	-79.2	-91.0	120.6	859	0.0	29.1	-14.1	77.2	84.0	50.0	26.3	10.8	10.8	22.6
02:42:00	33 40.4	-99 32.2	405.5	421.2	10348*	853	14.1	-16.0	-4.9	77.0	80.7	0.0	214.9	224.1	88.8	208.7
02:42:30	33 38.7	-99 32.7	-25.0	-117.5	120.1	631	193.1	2.2	1.2	913.2	75.4	20.5	0.3	-16.9	-18.9	0.3
02:42:30	33 38.6	-99 32.0	-24.6	-117.7	120.2	414	193.0	2.1	1.0	250.6	75.5	20.7	-0.6	9.3	9.3	0.0
02:42:30	33 38.5	-99 32.9	-25.3	-118.0	120.7	858	0.1	24.0	-15.8	76.2	82.6	50.0	26.6	10.8	10.8	22.2
02:42:30	33 38.6	-99 32.9	405.9	421.6	10348*	854	14.3	-13.6	-3.8	75.8	80.3	0.0	213.2	192.6	87.2	207.3
02:43:00	33 36.8	-99 33.2	-29.0	-116.5	120.0	440	194.8	2.1	-1.5	913.2	75.5	20.4	0.2	-16.9	-18.9	0.3
02:43:00	33 36.7	-99 32.5	-28.7	-116.7	120.2	425	194.5	2.0	-1.6	250.6	75.6	20.6	-0.7	9.3	9.3	0.0
02:43:00	33 36.6	-99 33.5	-29.5	-117.0	120.7	854	0.1	23.5	-16.0	76.3	82.7	50.0	26.5	10.9	10.9	22.3
02:43:00	33 36.7	-99 33.5	405.8	421.5	10348*	855	15.5	-13.3	-3.7	75.9	80.3	0.0	213.4	194.0	87.4	207.4

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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
02:43:30	33 34.9	-99 33.8	-29.7	-116.4	120.1	473	195.0	2.2	-1.4	913.2	75.1	20.2	0.1	-16.9	-18.9	0.3
02:43:30	33 34.8	-99 33.1	-29.3	-116.7	120.3	451	195.1	2.0	-1.6	250.6	75.1	20.4	-0.7	9.3	9.3	0.0
02:43:30	33 34.8	-99 34.1	-30.1	-117.1	120.9	855	0.1	24.2	-15.6	75.8	82.2	50.0	26.7	10.8	10.8	22.4
02:43:30	33 34.8	-99 34.0	405.7	421.4	10348*	856	15.1	-13.7	-3.9	75.4	79.8	0.0	212.7	194.0	86.7	206.8
02:44:00	33 33.0	-99 34.4	-30.5	-116.3	120.2	472	194.8	2.1	-1.1	913.1	75.8	20.4	0.1	-16.9	-18.9	0.3
02:44:00	33 32.9	-99 33.7	-30.2	-116.5	120.4	426	194.7	2.0	-1.3	250.6	75.8	20.6	-0.8	10.5	10.5	0.0
02:44:00	33 32.9	-99 34.6	-30.9	-117.0	121.1	855	0.1	23.7	-16.1	76.7	82.9	50.0	26.5	11.8	11.8	22.5
02:44:00	33 32.9	-99 34.6	405.6	421.3	10348*	856	14.5	-13.2	-3.7	76.2	80.6	0.0	213.7	193.2	87.5	207.7
02:44:30	33 31.1	-99 35.0	-31.2	-115.9	120.1	638	195.0	2.2	-1.3	913.2	75.3	20.4	0.2	-16.9	-18.9	0.3
02:44:30	33 31.0	-99 34.3	-30.9	-116.2	120.3	416	194.8	2.0	-1.5	250.6	75.4	20.6	-0.7	10.6	10.6	0.0
02:44:30	33 31.0	-99 35.3	-31.6	-116.8	120.9	856	0.1	23.7	-15.9	76.0	82.5	50.0	26.6	12.1	12.1	22.4
02:44:30	33 31.0	-99 35.2	405.8	421.4	10348*	856	14.9	-14.6	-4.2	75.7	80.1	0.0	213.1	192.9	87.1	207.2
02:45:00	33 29.2	-99 35.6	-31.3	-115.5	119.7	637	195.0	2.1	-1.5	913.0	77.2	20.6	-0.0	-16.9	-18.9	0.3
02:45:00	33 29.2	-99 34.9	-31.0	-115.8	119.9	407	194.8	1.9	-1.6	250.6	77.3	20.8	-0.9	12.0	12.0	0.0
02:45:00	33 29.1	-99 35.9	-31.8	-116.4	120.6	856	0.1	23.2	-16.8	78.1	84.4	50.0	26.1	13.5	13.5	22.7
02:45:00	33 29.1	-99 35.9	405.5	421.1	10348*	857	15.0	-13.3	-3.9	77.6	81.9	0.0	215.7	193.1	89.8	209.5
02:45:30	33 27.4	-99 35.9	33.3	-112.0	116.8	632	161.3*	2.8	-25.4	913.6	73.9	20.3	0.4	-16.9	-18.9	0.3
02:45:30	33 27.3	-99 35.2	33.7	-112.3	117.2	409	161.1*	2.6	-25.6	250.6	74.0	20.5	-0.4	11.9	11.9	0.0
02:45:30	33 27.2	-99 36.2	32.4	-112.8	117.4	858	0.1	29.6	-13.1	74.4	81.2	50.0	27.0	13.3	13.3	22.0
02:45:30	33 27.2	-99 36.2	406.1	421.8	10348*	858	15.6	-17.2	-5.3	74.3	77.9	0.0	211.2	159.2	88.8	205.5
02:46:00	33 26.2	-99 34.3	110.1	-18.0	111.5	640	97.5*	2.7	-24.0	913.6	72.5	20.4	0.8	-16.9	-18.9	0.3
02:46:00	33 26.1	-99 33.6	110.4	-18.2	111.9	412	97.5*	2.6	-24.1	250.6	72.6	20.6	0.1	11.5	11.5	0.0
02:46:00	33 26.0	-99 34.6	109.7	-19.0	111.3	858	0.0	29.2	-12.8	73.2	79.7	50.0	27.3	13.0	13.0	21.3
02:46:00	33 26.0	-99 34.6	406.7	422.4	10348*	858	15.6	-16.0	-4.8	72.9	76.7	0.0	209.2	96.1	92.3	203.8
02:46:30	33 26.2	-99 32.2	111.9	0.4	111.9	740	89.7	2.1	-0.9	913.2	73.2	20.4	0.7	-16.9	-18.9	0.3
02:46:30	33 26.1	-99 31.4	112.2	0.0	112.2	422	89.7	2.0	-1.1	250.6	73.3	20.7	-0.1	11.7	11.7	0.0
02:46:30	33 26.0	-99 32.5	111.5	-0.4	111.5	855	0.1	24.5	-14.9	74.1	80.2	50.0	27.2	13.2	13.2	21.5
02:46:30	33 26.0	-99 32.5	406.6	422.3	10348*	857	15.4	-13.1	-3.7	73.6	77.9	0.0	210.2	87.9	92.8	204.7
02:47:00	33 26.2	-99 30.0	112.6	-0.8	112.6	633	89.7	2.3	-2.3	913.3	73.0	20.4	0.7	-16.9	-18.9	0.3
02:47:00	33 26.1	-99 29.3	112.9	-1.2	112.9	415	89.5	2.1	-2.4	250.6	73.1	20.6	-0.1	11.6	11.6	0.0
02:47:00	33 26.0	-99 30.3	112.3	-1.6	112.3	855	0.1	25.6	-14.3	73.8	80.0	50.0	27.2	13.0	13.0	21.5
02:47:00	33 26.0	-99 30.3	406.5	422.2	10348*	856	15.2	-14.6	-4.1	73.4	77.6	0.0	209.9	87.0	91.9	204.4
02:47:30	33 26.2	-99 27.8	112.9	0.8	112.9	647	89.2	2.4	-1.8	913.2	73.8	20.4	0.5	-16.9	-18.9	0.3
02:47:30	33 26.1	-99 27.1	113.2	0.3	113.2	424	89.0	2.2	-1.9	250.6	73.9	20.6	-0.3	11.7	11.7	0.0
02:47:30	33 25.9	-99 28.1	112.6	-0.1	112.6	849	0.1	26.2	-14.4	74.8	80.9	50.0	27.0	13.1	13.1	21.8
02:47:30	33 25.9	-99 28.2	406.3	422.0	10348*	856	15.4	-11.4	-3.1	74.2	78.5	0.0	211.0	87.4	92.5	205.4
02:48:00	33 26.2	-99 25.6	113.1	0.8	113.1	635	88.9	2.2	-1.5	913.1	74.0	20.2	0.3	-16.9	-18.9	0.3
02:48:00	33 26.1	-99 24.9	113.4	0.4	113.4	446	89.0	2.1	-1.6	250.6	74.1	20.4	-0.5	11.5	11.5	0.0
02:48:00	33 25.9	-99 26.0	112.8	-0.1	112.8	853	0.1	25.0	-14.9	74.9	81.1	50.0	26.9	13.1	13.1	22.2
02:48:00	33 25.9	-99 26.0	405.9	421.6	10348*	858	15.0	-12.1	-3.4	74.4	78.9	0.0	211.3	86.6	92.5	205.5

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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
02:48:30	33 26.2	-99 23.5	113.6	0.7	113.6	828	89.2	2.2	-1.6	913.1	74.4	20.2	0.2	-16.9	-18.9	0.3
02:48:30	33 26.1	-99 22.7	113.8	0.2	113.8	452	89.2	2.0	-1.7	250.6	74.5	20.4	-0.6	11.6	11.6	0.0
02:48:30	33 25.9	-99 23.8	113.3	-0.1	113.3	852	0.1	24.5	-15.2	75.2	81.3	50.0	26.8	13.2	13.2	22.3
02:48:30	33 25.9	-99 23.8	405.8	421.4	10348*	858	15.2	-12.9	-3.7	74.8	78.9	0.0	211.8	87.0	92.4	206.0
02:49:00	33 26.2	-99 21.3	114.1	1.1	114.1	1167	88.5	2.1	-0.8	913.0	74.7	20.2	0.1	-16.9	-18.9	0.3
02:49:00	33 26.1	-99 20.5	114.4	0.6	114.4	454	88.3	2.0	-0.9	250.6	74.7	20.4	-0.7	11.6	11.6	0.0
02:49:00	33 25.9	-99 21.6	113.8	0.2	113.8	855	0.1	24.1	-15.6	75.6	81.7	50.0	26.8	13.0	13.0	22.4
02:49:00	33 25.9	-99 21.6	405.7	421.4	10348*	858	15.4	-11.9	-3.3	75.0	79.6	0.0	212.2	85.9	92.2	206.3
02:49:30	33 26.2	-99 19.0	114.5	0.4	114.5	1594*	89.3	2.2	-1.4	913.1	74.4	20.2	0.2	-16.9	-18.9	0.3
02:49:30	33 26.1	-99 18.3	114.7	-0.2	114.7	456	89.0	2.1	-1.5	250.6	74.4	20.4	-0.6	11.6	11.6	0.0
02:49:30	33 25.9	-99 19.4	114.1	-0.6	114.1	853	0.1	24.2	-15.3	75.2	81.4	50.0	26.8	13.0	13.0	22.3
02:49:30	33 25.9	-99 19.4	405.8	421.5	10348*	857	15.0	-13.8	-3.8	74.7	78.9	0.0	211.8	86.8	91.6	206.0
02:50:00	33 26.2	-99 16.8	114.4	0.8	114.4	1787	89.1	2.3	-1.5	913.2	75.1	20.0	-0.2	-16.9	-18.9	0.3
02:50:00	33 26.1	-99 16.1	114.6	0.2	114.6	460	89.2	2.2	-1.7	250.6	75.2	20.2	-1.0	11.6	11.6	0.0
02:50:00	33 25.9	-99 17.2	114.0	-0.1	114.0	849	0.0	24.2	-15.6	75.7	82.1	50.0	26.7	13.3	13.3	22.9
02:50:00	33 25.9	-99 17.2	405.3	420.9	10348*	856	14.2	-15.0	-4.4	75.4	79.7	0.0	212.8	86.4	92.4	206.8
02:50:30	33 26.3	-99 14.6	114.3	2.8	114.3	1870	88.0	2.4	-1.9	913.2	73.5	20.1	0.3	-16.9	-18.9	0.3
02:50:30	33 26.1	-99 13.8	114.5	2.2	114.5	465	88.0	2.2	-2.1	250.6	73.6	20.3	-0.5	11.5	11.5	0.0
02:50:30	33 25.9	-99 15.0	113.9	1.8	114.0	855	0.0	25.2	-14.7	74.4	80.6	50.0	27.1	13.0	13.0	22.2
02:50:30	33 25.9	-99 15.0	405.9	421.6	10348*	856	14.1	-13.2	-3.7	73.9	78.3	0.0	210.6	85.5	90.7	205.0
02:51:00	33 26.3	-99 12.4	114.6	2.9	114.6	1845	87.7	2.2	-1.5	913.0	74.1	20.1	0.2	-16.9	-18.9	0.3
02:51:00	33 26.1	-99 11.6	114.8	2.3	114.8	466	87.5	2.0	-1.7	250.6	74.1	20.4	-0.6	11.4	11.4	0.0
02:51:00	33 26.0	-99 12.8	114.2	1.9	114.3	862	0.1	24.2	-15.3	74.9	81.1	50.0	26.9	13.0	13.0	22.2
02:51:00	33 26.0	-99 12.8	405.9	421.5	10348*	858	13.9	-12.6	-3.5	74.4	78.8	0.0	211.4	85.2	91.0	205.6
02:51:30	33 26.4	-99 10.2	115.1	3.6	115.1	1874	87.5	2.2	-1.5	913.1	74.1	19.9	0.0	-16.9	-18.9	0.3
02:51:30	33 26.2	-99 9.4	115.2	3.0	115.3	462	87.2	2.0	-1.7	250.6	74.2	20.1	-0.8	11.5	11.5	0.0
02:51:30	33 26.0	-99 10.5	114.7	2.6	114.7	860	0.1	24.2	-15.4	75.0	81.1	50.0	26.9	13.0	13.0	22.6
02:51:30	33 26.0	-99 10.6	405.5	421.2	10348*	857	14.8	-12.2	-3.6	74.5	79.0	0.0	211.4	85.1	90.5	205.6
02:52:00	33 26.4	-99 8.0	115.7	1.5	115.7	1862	88.5	2.2	-1.2	913.1	75.0	19.9	-0.2	-16.9	-18.9	0.3
02:52:00	33 26.2	-99 7.2	115.8	0.8	115.8	465	88.6	2.1	-1.4	250.6	75.0	20.1	-1.0	11.4	11.4	0.0
02:52:00	33 26.0	-99 8.3	115.4	0.5	115.4	861	0.0	23.8	-15.8	75.7	82.0	50.0	26.7	12.7	12.7	22.9
02:52:00	33 26.0	-99 8.3	405.2	420.9	10348*	857	15.1	-14.7	-4.2	75.3	79.5	0.0	212.6	85.7	91.0	206.6
02:52:30	33 26.4	-99 5.7	117.6	-0.1	117.6	1884	88.9	1.7	-1.2	915.1	78.5	20.3	-0.6	-16.9	-18.9	0.3
02:52:30	33 26.2	-99 4.9	117.7	-0.8	117.7	461	88.9	1.5	-1.4	250.6	78.5	20.5	-1.5	11.5	11.5	0.0
02:52:30	33 26.0	-99 6.1	117.2	-1.2	117.2	834	0.1	22.9	-17.4	79.4	85.7	50.0	25.8	13.0	13.0	23.6
02:52:30	33 26.0	-99 6.1	404.7	420.3	10348*	838	14.7	-12.2	-3.5	78.8	83.4	0.0	217.4	85.9	93.3	210.8
02:53:00	33 26.9	-99 3.6	78.7	81.5	113.3	2234*	42.5*	4.6	-25.7	910.3	73.8	19.6	-0.2	-16.9	-18.9	0.3
02:53:00	33 26.7	-99 2.8	78.9	80.8	112.9	513	42.3*	4.4	-25.9	250.6	73.8	19.8	-1.0	11.3	11.3	0.0
02:53:00	33 26.5	-99 4.0	78.7	80.2	112.4	880	0.0	30.0	-13.0	74.8	81.2	50.0	27.0	12.9	12.9	22.9
02:53:00	33 26.5	-99 4.0	405.3	420.9	10348*	885	14.2	-14.2	-4.3	74.1	78.4	0.0	211.0	42.1	91.8	205.1

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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
02:53:30	33 28.6	-99 3.2	-42.8	102.0	110.6	2447	336.9*	4.6	-25.4	900.0	69.8	18.8	-0.1	-16.9	-18.9	0.3
02:53:30	33 28.4	-99 2.4	-42.6	101.4	110.0	607	336.6*	4.4	-25.6	250.6	69.9	19.0	-0.8	11.1	11.1	0.0
02:53:30	33 28.2	-99 3.6	-42.9	101.2	109.9	979	0.0	30.0	-11.6	70.7	77.0	50.0	28.1	12.6	12.6	22.8
02:53:30	33 28.2	-99 3.6	405.3	421.0	10348*	985	14.7	-15.8	-4.8	70.1	73.9	0.0	205.4	337.4	89.3	200.0
02:54:00	33 29.6	-99 4.9	-114.9	6.0	115.1	2435	273.3*	3.0	-21.3*	898.3	73.9	19.1	-0.7	-16.9	-18.9	0.3
02:54:00	33 29.3	-99 4.1	-114.8	5.4	114.9	624	273.0*	2.8	-21.5*	250.6	74.0	19.3	-1.5	11.2	11.2	0.0
02:54:00	33 29.1	-99 5.3	-115.4	5.4	115.5	996	0.0	27.4	-

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
02:58:30	33 29.6	-99 25.4	-117.2	18.5	118.7	1576	281.0*	2.4	25.7	896.1	76.1	19.7	-0.6	-16.9	-18.9	0.3
02:58:30	33 29.3	-99 24.6	-117.2	17.8	118.5	581	280.8*	2.3	25.5	250.6	76.1	19.8	-1.5	11.2	11.2	0.0
02:58:30	33 29.0	-99 25.9	-117.8	16.9	119.0	1001	0.0	31.7	-12.9	77.0	83.5	50.0	26.4	12.8	12.8	23.7
02:58:30	33 29.0	-99 25.9	404.6	420.2	10348*	1003	14.5	-13.7	-3.6	76.5	82.0	0.0	214.2	278.5	89.1	207.8
02:59:00	33 30.8	-99 27.0	-27.5	111.5	114.8	2703	348.4*	0.2	13.5*	899.1	72.4	19.4	-0.1	-16.9	-18.9	0.3
02:59:00	33 30.5	-99 26.2	-27.5	110.7	114.0	551	348.6*	0.1	13.3*	250.6	72.5	19.6	-0.8	11.2	11.2	0.0
02:59:00	33 30.3	-99 27.5	-28.2	110.5	114.0	980	0.0	28.4	-13.1	72.8	79.2	50.0	27.4	12.7	12.7	22.8
02:59:00	33 30.2	-99 27.5	405.4	421.0	10348*	982	14.2	-17.3	-4.6	72.8	77.8	0.0	209.1	347.0	88.4	203.4
02:59:30	33 32.7	-99 27.3	-16.8	111.9	113.1	2743	353.2	0.9	-1.5	910.9	73.9	20.0	0.1	-16.9	-18.9	0.3
02:59:30	33 32.3	-99 26.5	-16.7	111.0	112.3	468	353.0	0.8	-1.6	250.6	73.9	20.2	-0.7	10.8	10.8	0.0
02:59:30	33 32.1	-99 27.8	-17.1	110.9	112.2	884	0.1	25.5	-14.5	74.5	80.5	50.0	27.0	12.2	12.2	22.4
02:59:30	33 32.0	-99 27.8	405.7	421.3	10348*	877	15.4	-12.0	-3.2	74.2	78.5	0.0	211.1	353.9	92.1	205.3
03:00:00	33 34.5	-99 27.7	-16.3	109.3	110.5	2958	353.0	2.5	-2.5	912.7	71.1	19.7	0.5	-16.9	-18.9	0.3
03:00:00	33 34.1	-99 26.8	-16.3	108.5	109.7	438	352.8	2.3	-2.7	250.6	71.1	19.9	-0.2	9.7	9.7	0.0
03:00:00	33 33.8	-99 28.2	-16.6	108.4	109.6	870	0.0	25.0	-14.0	71.9	77.9	50.0	27.7	11.3	11.3	21.8
03:00:00	33 33.8	-99 28.1	406.3	421.9	10348*	863	14.1	-13.4	-3.8	71.4	75.6	0.0	207.1	353.1	91.3	201.8
03:00:30	33 36.2	-99 28.0	-19.3	111.0	112.7	3275	351.6	2.1	-1.5	912.4	73.0	20.1	0.4	-16.9	-18.9	0.3
03:00:30	33 35.9	-99 27.2	-19.3	110.1	111.8	460	351.6	2.0	-1.6	250.6	73.1	20.3	-0.3	10.3	10.3	0.0
03:00:30	33 35.6	-99 28.5	-19.6	110.0	111.8	869	0.0	24.3	-14.9	73.9	79.9	50.0	27.2	11.9	11.9	21.9
03:00:30	33 35.6	-99 28.5	406.1	421.8	10348*	864	14.1	-13.0	-3.7	73.4	77.7	0.0	209.9	351.7	91.6	204.3
03:01:00	33 38.0	-99 28.4	-19.2	112.0	113.6	3359	351.4	2.2	-1.2	912.4	74.6	20.3	0.3	-16.9	-18.9	0.3
03:01:00	33 37.6	-99 27.6	-19.2	111.1	112.7	431	351.5	2.1	-1.4	250.6	74.6	20.5	-0.6	10.3	10.3	0.0
03:01:00	33 37.4	-99 28.9	-19.5	111.0	112.7	870	0.1	24.0	-15.5	75.4	81.5	50.0	26.8	11.6	11.6	22.2
03:01:00	33 37.4	-99 28.9	405.9	421.6	10348*	863	14.0	-13.8	-3.9	74.9	79.2	0.0	212.1	351.0	92.6	206.2
03:01:30	33 39.9	-99 28.7	-18.5	112.7	114.2	3383	351.4	2.0	-1.2	912.3	76.4	20.4	-0.0	-16.9	-18.9	0.3
03:01:30	33 39.5	-99 27.9	-18.5	111.8	113.3	433	351.2	1.9	-1.4	250.6	76.4	20.6	-0.9	9.2	9.2	0.0
03:01:30	33 39.2	-99 29.3	-18.8	111.7	113.3	867	0.1	23.0	-16.6	77.2	83.4	50.0	26.3	10.7	10.7	22.6
03:01:30	33 39.2	-99 29.3	405.5	421.2	10348*	863	14.7	-13.3	-3.7	76.7	81.2	0.0	214.6	350.6	94.2	208.4
03:02:00	33 41.7	-99 29.1	-21.2	112.5	114.5	3391	350.1	2.0	-1.6	912.3	77.4	20.3	-0.3	-16.9	-18.9	0.3
03:02:00	33 41.3	-99 28.3	-21.2	111.6	113.6	474	349.9	1.9	-1.7	250.6	77.5	20.5	-1.3	9.0	9.0	0.0
03:02:00	33 41.0	-99 29.7	-21.5	111.5	113.6	867	0.0	22.7	-17.1	78.3	84.5	50.0	26.1	10.5	10.5	23.2
03:02:00	33 41.0	-99 29.7	405.0	420.6	10348*	862	15.0	-13.2	-3.7	77.8	82.3	0.0	216.0	349.5	95.1	209.6
03:02:30	33 43.5	-99 29.5	-18.7	113.5	115.0	3408	351.3	2.0	-1.1	912.3	77.5	20.3	-0.4	-16.9	-18.9	0.3
03:02:30	33 43.1	-99 28.7	-18.7	112.6	114.1	491	351.4	1.8	-1.3	250.6	77.6	20.4	-1.3	8.8	8.8	0.0
03:02:30	33 42.8	-99 30.1	-18.9	112.5	114.1	862	0.1	22.5	-17.1	78.4	84.6	50.0	26.0	10.5	10.5	23.3
03:02:30	33 42.8	-99 30.0	405.0	420.6	10348*	867	14.3	-13.1	-3.7	77.8	82.3	0.0	216.1	350.6	94.7	209.7
03:03:00	33 45.4	-99 29.9	-19.9	113.6	115.3	3392	350.6	1.9	-1.4	912.2	79.0	20.4	-0.6	-16.9	-18.9	0.3
03:03:00	33 44.9	-99 29.1	-19.9	112.7	114.4	471	350.6	1.7	-1.6	250.6	79.0	20.6	-1.5	8.7	8.7	0.0
03:03:00	33 44.7	-99 30.4	-20.1	112.6	114.4	861	0.1	21.9	-18.0	79.9	86.2	50.0	25.6	10.2	10.2	23.6
03:03:00	33 44.6	-99 30.4	404.7	420.3	10348*	865	14.8	-12.4	-3.5	79.3	83.9	0.0	218.1	349.7	96.1	211.4

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
03:03:30	33 47.2	-99 30.3	-20.3	113.7	115.5	3415	350.7	1.8	-1.6	912.2	79.6	20.1	-1.0	-16.9	-18.9	0.3
03:03:30	33 46.7	-99 29.5	-20.3	112.8	114.6	483	350.5	1.6	-1.7	250.6	79.7	20.2	-2.0	8.6	8.6	0.0
03:03:30	33 46.5	-99 30.8	-20.6	112.7	114.6	862	0.1	21.3	-18.4	80.5	86.8	50.0	25.5	10.1	10.1	24.4
03:03:30	33 46.5	-99 30.8	404.0	419.6	10348*	863	14.6	-12.9	-3.6	80.0	84.6	0.0	219.0	350.3	96.5	212.0
03:04:00	33 49.0	-99 30.7	-20.5	113.4	115.3	3404	350.6	1.8	-1.4	912.1	80.9	20.2	-1.2	-16.9	-18.9	0.3
03:04:00	33 48.6	-99 29.9	-20.6	112.6	114.4	467	350.4	1.6	-1.6	250.6	81.0	20.4	-2.2	8.4	8.4	0.0
03:04:00	33 48.3	-99 31.2	-20.8	112.5	114.4	863	0.0	20.5	-19.3	81.7	88.2	50.0	25.1	9.8	9.8	24.7
03:04:00	33 48.3	-99 31.2	403.8	419.4	10348*	864	14.8	-13.3	-3.7	81.2	86.0	0.0	220.7	350.2	98.2	213.5
03:04:30	33 50.9	-99 31.1	-20.3	113.1	114.9	3401	350.6	1.7	-1.4	912.2	80.6	20.0	-1.3	-16.9	-18.9	0.3
03:04:30	33 50.4	-99 30.3	-20.3	112.2	114.0	462	350.7	1.6	-1.6	250.6	80.6	20.1	-2.3	7.8	7.8	0.0
03:04:30	33 50.1	-99 31.6	-20.5	112.2	114.0	871	0.1	21.2	-18.8	81.3	87.8	50.0	25.2	9.3	9.3	24.9
03:04:30	33 50.1	-99 31.6	403.6	419.2	10348*	864	13.7	-13.8	-3.9	80.9	85.6	0.0	220.2	349.9	98.1	213.1
03:05:00	33 52.7	-99 31.5	-20.4	113.0	114.9	3389	350.6	1.7	-1.6	912.2	81.4	19.8	-1.6	-16.9	-18.9	0.3
03:05:00	33 52.2	-99 30.7	-20.4	112.1	114.0	466	350.7	1.5	-1.7	250.6	81.4	20.0	-2.6	7.7	7.7	0.0
03:05:00	33 51.9	-99 32.0	-20.5	112.1	114.0	870	0.0	20.0	-19.6	82.1	88.6	50.0	25.0	9.1	9.1	25.5
03:05:00	33 51.9	-99 32.0	403.2	418.7	10348*	863	13.7	-13.5	-3.8	81.7	86.4	0.0	221.3	350.1	99.0	213.9
03:05:30	33 54.6	-99 31.8	13.7	113.4	114.2	3397	7.9*	1.9	25.6	911.1	81.1	19.8	-1.6	-16.9	-18.9	0.3
03:05:30	33 54.0	-99 31.0	13.5	112.5	113.3	467	7.7*	1.8	25.5	250.6	81.1	19.9	-2.6	7.4	7.4	0.0
03:05:30	33 53.8	-99 32.3	13.0	112.6	113.4	874	0.1	26.4	-16.9	81.7	88.6	50.0	25.1	9.0	9.0	25.5
03:05:30	33 53.7	-99 32.3	403.2	418.7	10348*	865	14.0	-16.6	-4.4	81.4	86.8	0.0	220.9	4.5	99.4	213.5
03:06:00	33 55.9	-99 30.3	115.5	26.8	118.6	3383	74.9*	1.8	23.9	911.5	80.3	19.5	-1.7	-16.9	-18.9	0.3
03:06:00	33 55.3	-99 29.5	115.5	25.9	118.3	462	75.0*	1.6	23.8	250.6	80.3	19.7	-2.7	6.9	6.9	0.0
03:06:00	33 55.1	-99 30.9	115.4	26.3	118.3	868	0.0	26.6	-16.6	81.2	87.7	50.0	25.3	8.4	8.4	25.6
03:06:00	33 55.1	-99 30.9	403.1	418.6	10348*	861	13.5	-11.8	-3.0	80.7	85.9	0.0	219.8	68.4	94.5	212.5
03:06:30	33 55.8	-99 28.0	120.3	-4.7	120.4	3434	89.4	1.9	-4.8	912.5	79.9	19.5	-1.6	-16.9	-18.9	0.3
03:06:30	33 55.3	-99 27.2	120.2	-5.6	120.3	469	89.4	1.7	-4.9	250.6	80.0	19.7	-2.6	7.2	7.2	0.0
03:06:30	33 55.0	-99 28.6	120.2	-5.8	120.3	861	0.1	20.8	-18.8	80.8	87.1	50.0	25.4	8.6	8.6	25.4
03:06:30	33 55.0	-99 28.6	403.2	418.8	10348*	859	11.9	-12.0	-3.5	80.2	84.8	0.0	219.3	84.6	92.2	212.2
03:07:00	33 55.8	-99 25.7	120.2	3.5	120.3	3401	85.7	1.8	-0.9	912.4	79.9	19.6	-1.5	-16.9	-18.9	0.3
03:07:00	33 55.3	-99 24.9	120.1	2.6	120.1	476	85.5	1.6	-1.0	250.6	80.0	19.8	-2.5	7.2	7.2	0.0
03:07:00	33 55.0	-99 26.2	120.2	2.6	120.2	858	0.1	21.0	-18.8	80.8	87.2	50.0	25.4	8.6	8.6	25.3
03:07:00	33 55.0	-99 26.3	403.3	418.8	10348*	860	13.2	-13.0	-3.7	80.3	84.9	0.0	219.4	80.7	92.4	212.2
03:07:30	33 55.9	-99 23.3	120.8	-1.2	120.8	3405	88.1	1.7	-1.3	912.4	80.0	19.6	-1.5	-16.9	-18.9	0.3
03:07:30	33 55.3	-99 22.5	120.7	-2.1	120.7	470	87.8	1.6	-1.4	250.6	80.0	19.8	-2.5	7.2	7.2	0.0
03:07:30	33 55.0	-99 23.9	120.7	-2.1	120.8	862	0.1	20.8	-18.9	80.8	87.2	50.0	25.4	8.7	8.7	25.3
03:07:30	33 55.0	-99 23.9	403.3	418.8	10348*	860	13.8	-13.3	-3.8	80.3	85.0	0.0	219.4	83.1	91.9	212.2
03:08:00	33 55.9	-99 21.0	120.8	2.4	120.9	3390	86.2	1.7	-1.8	912.4	80.5	19.6	-1.6	-16.9	-18.9	0.3
03:08:00	33 55.3	-99 20.2	120.7	1.5	120.7	472	86.2	1.6	-2.0	250.6	80.5	19.8	-2.6	7.2	7.2	0.0
03:08:00	33 55.0	-99 21.5	120.8	1.5	120.8	866	0.1	20.3	-19.2	81.3	87.7	50.0	25.3	8.7	8.7	25.5
03:08:00	33 55.0	-99 21.6	403.2	418.7	10348*	860	12.6	-12.9	-3.7	80.8	85.5	0.0	220.1	81.2	92.4	212.8

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
03:08:30	33 55.9	-99 18.6	121.0	-1.0	121.0	3381	87.8	1.8	-1.1	912.5	80.0	19.6	-1.5	-16.9	-18.9	0.3
03:08:30	33 55.3	-99 17.8	120.8	-1.9	120.9	484	87.9	1.7	-1.3	250.6	80.0	19.7	-2.5	7.2	7.2	0.0
03:08:30	33 55.0	-99 19.2	121.0	-1.9	121.0	858	0.1	20.7	-18.9	80.8	87.1	50.0	25.4	8.6	8.6	25.4
03:08:30	33 55.0	-99 19.2	403.3	418.8	10348*	859	14.4	-13.1	-3.7	80.3	84.9	0.0	219.4	82.8	91.7	212.2
03:09:00	33 55.9	-99 16.3	120.9	0.4	120.9	3383	87.3	1.9	-1.6	912.5	79.6	19.6	-1.5	-16.9	-18.9	0.3
03:09:00	33 55.2	-99 15.5	120.7	-0.5	120.7	502	87.1	1.8	-1.7	250.6	79.6	19.7	-2.5	7.2	7.2	0.0
03:09:00	33 55.0	-99 16.8	120.9	-0.5	120.9	860	0.1	21.0	-18.6	80.4	86.8	50.0	25.5	8.6	8.6	25.3
03:09:00	33 55.0	-99 16.9	403.3	418.9	10348*	860	16.0	-12.3	-3.5	79.9	84.5	0.0	218.9	82.4	91.3	211.8
03:09:30	33 55.9	-99 13.9	121.1	0.8	121.1	3420	87.3	1.9	-1.6	912.7	78.8	19.7	-1.2	-16.9	-18.9	0.3
03:09:30	33 55.2	-99 13.1	121.0	-0.1	121.0	493	87.0	1.7	-1.7	250.6	78.9	19.9	-2.1	7.3	7.3	0.0
03:09:30	33 55.0	-99 14.5	121.1	-0.1	121.1	860	0.0	21.2	-18.3	79.6	85.9	50.0	25.7	8.9	8.9	24.7
03:09:30	33 55.0	-99 14.5	403.8	419.4	10348*	857	14.4	-13.1	-3.8	79.1	83.6	0.0	217.8	82.5	90.2	211.0
03:10:00	33 55.9	-99 11.5	122.2	0.6	122.2	3393	87.2	1.9	-1.5	913.9	80.4	19.8	-1.4	-16.9	-18.9	0.3
03:10:00	33 55.2	-99 10.8	122.0	-0.3	122.0	464	87.3	1.7	-1.6	250.6	80.5	20.0	-2.4	7.3	7.3	0.0
03:10:00	33 55.0	-99 12.1	122.2	-0.3	122.2	848	0.0	20.8	-19.0	81.2	87.6	50.0	25.3	8.8	8.8	25.1
03:10:00	33 55.0	-99 12.1	403.5	419.0	10348*	845	13.8	-12.9	-3.7	80.7	85.4	0.0	220.0	82.3	91.1	212.8
03:10:30	33 55.9	-99 9.2	122.4	0.4	122.4	3399	87.4	1.8	-1.7	913.9	80.2	19.9	-1.3	-16.9	-18.9	0.3
03:10:30	33 55.2	-99 8.4	122.2	-0.4	122.2	480	87.4	1.6	-1.8	250.6	80.2	20.1	-2.3	7.3	7.3	0.0
03:10:30	33 55.0	-99 9.7	122.4	-0.4	122.4	848	0.0	20.9	-18.8	81.0	87.4	50.0	25.3	8.8	8.8	24.9
03:10:30	33 55.0	-99 9.8	403.6	419.2	10348*	846	14.0	-12.9	-3.6	80.5	85.1	0.0	219.7	82.5	90.6	212.6
03:11:00	33 55.9	-99 6.8	122.7	1.1	122.7	3413	87.4	1.8	-1.6	913.9	80.0	19.9	-1.2	-16.9	-18.9	0.3
03:11:00	33 55.2	-99 6.0	122.5	0.3	122.5	494	87.2	1.6	-1.8	250.6	80.1	20.1	-2.2	7.6	7.6	0.0
03:11:00	33 55.0	-99 7.4	122.7	0.3	122.7	849	0.0	20.8	-18.8	80.9	87.2	50.0	25.4	9.1	9.1	24.8
03:11:00	33 55.0	-99 7.4	403.7	419.3	10348*	846	14.0	-12.9	-3.6	80.3	85.0	0.0	219.5	83.0	90.0	212.4
03:11:30	33 55.9	-99 4.4	122.9	1.4	122.9	3428	87.3	1.7	-1.5	913.7	81.0	19.8	-1.5	-16.9	-18.9	0.3
03:11:30	33 55.2	-99 3.6	122.7	0.6	122.7	505	87.0	1.5	-1.6	250.6	81.1	20.0	-2.6	7.7	7.7	0.0
03:11:30	33 55.0	-99 5.0	123.0	0.6	123.0	850	0.0	20.4	-19.4	81.7	88.1	50.0	25.1	9.1	9.1	25.4
03:11:30	33 55.0	-99 5.0	403.2	418.8	10348*	848	13.7	-13.5	-3.9	81.3	86.0	0.0	220.8	82.9	90.9	213.5
03:12:00	33 56.0	-99 2.0	123.0	1.0	123.0	3416	87.2	1.7	-1.5	913.7	81.2	19.6	-1.7	-16.9	-18.9	0.3
03:12:00	33 55.2	-99 1.2	122.8	0.2	122.8	508	87.3	1.5	-1.6	250.6	81.3	19.8	-2.8	7.9	7.9	0.0
03:12:00	33 55.0	-99 2.6	123.1	0.2	123.1	850	0.1	19.9	-19.7	82.0	88.4	50.0	25.1	9.5	9.5	25.7
03:12:00	33 55.0	-99 2.6	403.0	418.5	10348*	847	14.3	-12.6	-3.6	81.5	86.2	0.0	221.1	82.6	91.0	213.7
03:12:30	33 56.4	-98 59.8	88.2	74.5	115.4	3487	46.2*	3.7	-25.4	909.1	74.5	19.2	-0.8	-16.9	-18.9	0.3
03:12:30	33 55.6	-98 59.0	88.0	73.6	114.8	579	46.3*	3.5	-25.6	250.6	74.5	19.4	-1.6	7.8	7.8	0.0
03:12:30	33 55.4	-99 0.3	88.6	73.4	115.0	903	0.0	23.0	-16.1	75.4	81.6	50.0	26.8	9.2	9.2	23.9
03:12:30	33 55.4	-99 0.4	404.4	420.0	10348*	906	13.4	-13.6	-4.1	74.8	78.8	0.0	211.9	42.4	90.7	205.8
03:13:00	33 58.0	-98 59.2	-31.8	102.3	107.2	3566	340.2*	4.1	-25.4	900.2	68.1	18.9	0.3	-16.9	-18.9	0.3
03:13:00	33 57.2	-98 58.4	-31.9	101.7	106.6	647	340.2*	3.9	-25.6	250.6	68.2	19.1	-0.3	8.8	8.8	0.0
03:13:00	33 57.0	-98 59.7	-31.3	101.9	106.6	979	0.0	29.3	-11.2	69.0	75.2	50.0	28.5	10.5	10.5	22.1
03:13:00	33 57.0	-98 59.7	406.0	421.7	10348*	974	13.9	-15.3	-4.7	68.4	72.5	0.0	202.9	338.2	90.9	197.9

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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
03:13:30	33 59.0	-99 0.7	-108.7	9.3	109.1	3566	275.6*	2.9	-23.8*	898.8	72.6	19.3	-0.2	-16.9	-18.9	0.3
03:13:30	33 58.3	-98 60.0	-108.9	8.7	109.2	655	275.5*	2.7	-24.0*	250.6	72.6	19.5	-1.0	8.9	8.9	0.0
03:13:30	33 58.0	-99 1.3	-108.7	9.1	109.1	999	0.1	27.6	-13.4	73.2	79.6	50.0	27.3	10.4	10.4	22.9
03:13:30	33 58.0	-99 1.2	405.2	420.9	10348*	989	14.5	-15.7	-4.8	72.9	76.7	0.0	209.3	276.9	94.5	203.5
03:14:00	33 59.0	-99 2.9	-111.4	1.1	111.4	3347	272.5	2.1	0.5	897.8	75.2	19.5	-0.6	-16.9	-18.9	0.3
03:14:00	33 58.2	-99 2.1	-111.6	0.5	111.6	664	272.3	1.9	0.3	250.6	75.2	19.7	-1.4	8.6	8.6	0.0
03:14:00	33 57.9	-99 3.4	-111.4	0.5

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
03:18:30	34 2.0	-99 6.6	123.2	0.6	123.2	6894	87.7	1.8	-1.2	897.6	77.4	19.0	-1.6	-16.9	-18.9	0.3
03:18:30	34 1.1	-99 5.8	123.0	0.0	123.0	646	87.7	1.6	-1.3	250.6	77.5	19.1	-2.5	7.2	7.2	0.0
03:18:30	34 0.9	-99 7.1	123.5	0.3	123.5	995	0.1	21.3	-17.8	78.3	84.5	50.0	26.0	8.8	8.8	25.4
03:18:30	34 0.9	-99 7.1	403.2	418.7	10348*	997	14.3	-12.9	-3.8	77.8	82.3	0.0	216.0	83.1	86.2	209.1
03:19:00	34 2.0	-99 4.1	124.1	-0.2	124.1	6518	88.0	1.8	-1.5	897.6	78.1	19.0	-1.7	-16.9	-18.9	0.3
03:19:00	34 1.1	-99 3.4	123.9	-0.8	123.9	644	87.8	1.7	-1.7	250.6	78.2	19.2	-2.6	7.1	7.1	0.0
03:19:00	34 0.9	-99 4.7	124.4	-0.5	124.4	989	0.1	20.8	-18.2	79.0	85.2	50.0	25.9	8.6	8.6	25.6
03:19:00	34 0.9	-99 4.7	403.1	418.6	10348*	996	14.0	-11.1	-3.2	78.5	83.0	0.0	217.0	83.6	86.2	210.0
03:19:30	34 2.0	-99 1.7	124.5	0.0	124.5	6549	88.3	1.8	-1.9	897.6	78.2	19.4	-1.3	-16.9	-18.9	0.3
03:19:30	34 1.1	-99 1.0	124.3	-0.5	124.3	631	88.0	1.7	-2.0	250.6	78.3	19.6	-2.3	7.5	7.5	0.0
03:19:30	34 0.9	-99 2.3	124.8	-0.3	124.8	988	0.1	21.3	-18.1	79.1	85.3	50.0	25.8	9.2	9.2	25.0
03:19:30	34 0.9	-99 2.3	403.5	419.1	10348*	995	13.7	-12.3	-3.6	78.5	83.1	0.0	217.0	84.3	85.9	210.2
03:20:00	34 2.0	-98 59.3	124.7	1.0	124.7	6559	88.2	1.9	-1.6	897.7	78.3	19.6	-1.1	-16.9	-18.9	0.3
03:20:00	34 1.1	-98 58.6	124.5	0.4	124.5	635	88.3	1.7	-1.8	250.6	78.4	19.8	-2.1	8.0	8.0	0.0
03:20:00	34 0.9	-98 59.8	125.0	0.7	125.0	988	0.1	21.5	-18.1	79.1	85.3	50.0	25.8	9.5	9.5	24.6
03:20:00	34 0.9	-98 59.9	403.8	419.4	10348*	995	14.0	-12.7	-3.8	78.6	83.3	0.0	217.2	84.7	85.8	210.3
03:20:30	34 2.0	-98 56.9	125.2	1.0	125.2	6529	87.9	1.7	-1.4	897.5	78.2	19.6	-1.2	-16.9	-18.9	0.3
03:20:30	34 1.1	-98 56.2	125.0	0.5	125.0	632	88.0	1.5	-1.6	250.6	78.3	19.7	-2.1	7.8	7.8	0.0
03:20:30	34 0.9	-98 57.4	125.5	0.7	125.5	992	0.0	19.2	-19.0	79.2	85.2	50.0	25.8	9.6	9.6	24.7
03:20:30	34 0.9	-98 57.4	403.8	419.3	10348*	996	13.6	-9.3	-2.6	78.5	83.1	0.0	217.0	84.6	85.2	210.2
03:21:00	34 1.7	-98 54.5	99.8	-76.3	125.7	6546	129.1*	1.6	24.7	896.6	78.3	19.5	-1.3	-16.9	-18.9	0.3
03:21:00	34 0.8	-98 53.8	99.5	-76.8	125.8	631	129.0*	1.5	24.5	250.6	78.3	19.7	-2.2	8.1	8.1	0.0
03:21:00	34 0.6	-98 55.0	100.4	-76.2	126.1	994	0.1	27.1	-15.7	79.3	85.6	50.0	25.8	9.5	9.5	24.9
03:21:00	34 0.6	-98 55.1	403.6	419.2	10348*	995	13.5	-11.8	-3.1	78.7	84.4*	0.0	217.1	127.1	84.6	210.3
03:21:30	33 59.9	-98 53.7	-24.8	-119.2	121.8	6578	196.3*	0.4	24.1	905.0	77.7	19.7	-0.9	-16.9	-18.9	0.3
03:21:30	33 59.0	-98 53.0	-25.1	-119.7	122.3	567	196.6*	0.3	24.0	250.6	77.7	19.9	-1.8	7.9	7.9	0.0
03:21:30	33 58.8	-98 54.2	-24.2	-119.6	122.0	917	0.1	26.3	-15.7	78.6	84.8	50.0	26.0	9.4	9.4	24.2
03:21:30	33 58.8	-98 54.2	404.2	419.8	10348*	928	14.4	-10.6	-2.7	78.1	83.5	0.0	216.3	198.6	88.1	209.7
03:22:00	33 58.6	-98 55.2	-111.1	-20.9	113.0	6464	264.6*	0.4	21.6*	915.3	75.6	19.7	-0.5	-16.9	-18.9	0.3
03:22:00	33 57.7	-98 54.5	-111.3	-21.3	113.4	489	264.5*	0.3	21.3*	250.6	75.6	19.9	-1.4	7.6	7.6	0.0
03:22:00	33 57.5	-98 55.7	-110.9	-21.4	113.0	823	0.1	28.1	-14.3	76.4	82.7	50.0	26.5	9.0	9.0	23.5
03:22:00	33 57.5	-98 55.7	404.8	420.4	10348*	832	13.9	-13.0	-3.3	76.0	81.3	0.0	213.5	266.8	94.5	207.2
03:22:30	33 58.5	-98 57.4	-113.3	-1.2	113.3	5877*	274.5	3.3	-0.9	925.2	75.5	19.6	-0.6	-16.9	-18.9	0.3
03:22:30	33 57.6	-98 56.8	-113.5	-1.5	113.5	410	274.3	3.1	-1.0	250.6	75.5	19.7	-1.5	7.7	7.7	0.0
03:22:30	33 57.4	-98 57.9	-113.0	-1.2	113.1	743	0.1	17.7	-18.6	76.4	82.5	50.0	26.6	9.4	9.4	23.7
03:22:30	33 57.4	-98 57.9	404.6	420.2	10348*	741	15.0	-13.9	-3.9	75.7	80.2	0.0	213.3	278.9	94.4	207.0
03:23:00	33 58.5	-98 59.7	-115.7	-0.0	115.7	5212	274.9	1.7	-1.4	926.3	78.1	19.6	-1.1	-16.9	-18.9	0.3
03:23:00	33 57.6	-98 59.0	-115.9	-0.3	115.9	399	275.0	1.5	-1.5	250.6	78.1	19.8	-2.1	7.5	7.5	0.0
03:23:00	33 57.4	-99 0.1	-115.5	0.0	115.5	730	0.0	20.9	-18.1	78.9	85.3	50.0	25.9	9.1	9.1	24.6
03:23:00	33 57.4	-99 0.1	403.8	419.4	10348*	732	13.5	-12.9	-3.6	78.4	82.9	0.0	216.9	279.3	95.0	210.1

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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
03:23:30	33 58.5	-99 1.9	-119.3	0.4	119.3	4764	275.1	1.0	-1.6	930.1	83.4	20.2	-1.6	-16.9	-18.9	0.3
03:23:30	33 57.6	-99 1.3	-119.5	0.1	119.5	366	275.1	0.8	-1.7	250.6	83.5	20.4	-2.7	7.5	7.5	0.0
03:23:30	33 57.4	-99 2.4	-119.1	0.5	119.1	697	0.1	18.7	-20.9	84.3	90.8	50.0	24.5	9.2	9.2	25.5
03:23:30	33 57.4	-99 2.4	403.1	418.7	10348*	698	13.6	-12.9	-3.6	83.7	88.6	0.0	224.0	279.7	97.7	216.3
03:24:00	33 58.5	-99 4.3	-120.2	0.5	120.2	4407	275.1	1.0	-1.5	930.9	84.9	20.5	-1.7	-16.9	-18.9	0.3
03:24:00	33 57.6	-99 3.6	-120.3	0.2	120.3	357	274.9	0.9	-1.7	250.6	85.0	20.6	-2.8	7.6	7.6	0.0
03:24:00	33 57.4	-99 4.7	-119.9	0.6	119.9	688	0.0	18.1	-21.7	85.7	92.5	50.0	24.1	9.2	9.2	25.7
03:24:00	33 57.4	-99 4.7	403.0	418.5	10348*	690	14.2	-12.9	-3.6	85.2	90.2	0.0	225.9	279.7	98.6	218.0
03:24:30	33 58.5	-99 6.6	-117.6	0.2	117.6	4093	275.0	1.7	-1.5	931.3	81.9	20.4	-1.1	-16.9	-18.9	0.3
03:24:30	33 57.6	-99 5.9	-117.8	-0.0	117.8	329	274.7	1.5	-1.6	250.6	82.0	20.6	-2.2	7.5	7.5	0.0
03:24:30	33 57.4	-99 7.1	-117.3	0.4	117.3	684	0.1	19.7	-20.0	82.9	89.3	50.0	24.9	9.1	9.1	24.6
03:24:30	33 57.4	-99 7.0	403.8	419.4	10348*	687	14.0	-12.1	-3.4	82.3	87.1	0.0	222.0	279.6	97.9	214.8
03:25:00	33 58.5	-99 8.8	-114.1	0.4	114.1	3747	275.0	1.9	-1.3	930.3	76.4	19.9	-0.5	-16.9	-18.9	0.3
03:25:00	33 57.6	-99 8.2	-114.3	0.2	114.3	351	275.1	1.7	-1.5	250.6	76.5	20.1	-1.4	7.8	7.8	0.0
03:25:00	33 57.4	-99 9.3	-113.8	0.6	113.8	695	0.0	22.3	-16.9	77.4	83.6	50.0	26.3	9.4	9.4	23.5
03:25:00	33 57.4	-99 9.3	404.8	420.4	10348*	697	13.9	-12.0	-3.3	76.8	81.5	0.0	214.7	279.3	94.9	208.3
03:25:30	33 58.5	-99 11.0	-112.2	0.5	112.2	3435	275.1	2.2	-1.5	930.6	73.8	19.8	-0.1	-16.9	-18.9	0.3
03:25:30	33 57.6	-99 10.4	-112.4	0.3	112.4	337	275.1	2.0	-1.7	250.6	73.8	20.0	-0.9	7.6	7.6	0.0
03:25:30	33 57.4	-99 11.5	-111.9	0.7	111.9	697	0.0	23.4	-15.6	74.7	80.8	50.0	27.0	9.2	9.2	22.7
03:25:30	33 57.4	-99 11.5	405.4	421.1	10348*	696	13.9	-12.6	-3.5	74.1	78.5	0.0	211.0	279.3	93.6	205.1
03:26:00	33 58.5	-99 13.2	-111.0	0.4	111.0	3213	275.1	2.2	-1.4	930.6	72.1	19.6	0.2	-16.9	-18.9	0.3
03:26:00	33 57.6	-99 12.5	-111.2	0.2	111.2	350	274.9	2.0	-1.5	250.6	72.1	19.9	-0.5	7.4	7.4	0.0
03:26:00	33 57.4	-99 13.7	-110.8	0.6	110.8	697	0.1	24.2	-14.6	73.0	79.0	50.0	27.5	8.9	8.9	22.3
03:26:00	33 57.4	-99 13.6	405.8	421.5	10348*	696	14.1	-12.6	-3.4	72.4	76.7	0.0	208.6	279.4	92.7	203.1
03:26:30	33 58.5	-99 15.4	-110.2	-0.0	110.2	2989	275.1	2.2	-1.4	930.6	70.5	19.5	0.4	-16.9	-18.9	0.3
03:26:30	33 57.6	-99 14.7	-110.4	-0.2	110.4	339	274.8	2.1	-1.6	250.6	70.5	19.7	-0.3	7.1	7.1	0.0
03:26:30	33 57.4	-99 15.8	-110.0	0.2	110.0	697	0.1	24.7	-13.9	71.4	77.3	50.0	27.9	8.7	8.7	22.0
03:26:30	33 57.4	-99 15.8	406.1	421.8	10348*	696	13.5	-12.8	-3.6	70.8	75.0	0.0	206.3	279.5	91.5	201.0
03:27:00	33 58.5	-99 17.5	-109.9	-0.5	109.9	2881	275.1	2.3	-1.6	930.7	69.6	19.4	0.5	-16.9	-18.9	0.3
03:27:00	33 57.6	-99 16.8	-110.1	-0.6	110.1	330	275.2	2.1	-1.7	250.6	69.7	19.6	-0.1	7.0	7.0	0.0
03:27:00	33 57.4	-99 17.9	-109.6	-0.2	109.6	696	0.1	25.0	-13.4	70.6	76.4	50.0	28.1	8.6	8.6	21.8
03:27:00	33 57.4	-99 17.9	406.3	422.0	10348*	696	12.7	-12.8	-3.6	70.0	74.1	0.0	205.1	279.8	90.8	200.0
03:27:30	33 58.5	-99 19.6	-109.3	-0.6	109.3	2808	275.0	2.5	-1.3	930.7	68.3	19.3	0.7	-16.9	-18.9	0.3
03:27:30	33 57.6	-99 19.0	-109.5	-0.7	109.5	321	275.1	2.3	-1.5	250.6	68.4	19.5	0.1	7.0	7.0	0.0
03:27:30	33 57.4	-99 20.1	-109.0	-0.2	109.0	695	0.1	25.7	-12.7	69.3	75.1	50.0	28.5	8.4	8.4	21.5
03:27:30	33 57.4	-99 20.0	406.6	422.3	10348*	696	13.3	-12.8	-3.6	68.7	72.8	0.0	203.2	279.7	89.7	198.3
03:28:00	33 58.2	-99 21.7	-93.6	-63.5	113.1	3175*	239.1*	3.2	-25.4	931.1	66.5	19.2	1.0	-16.9	-18.9	0.3
03:28:00	33 57.3	-99 21.1	-93.7	-63.6	113.2	310	238.8*	3.0	-25.5	250.6	66.6	19.5	0.4	7.0	7.0	0.0
03:28:00	33 57.2	-99 22.1	-93.5	-62.7	112.6	697	0.0	31.4	-9.7	67.3	73.4	50.0	28.9	8.5	8.5	21.0
03:28:00	33 57.2	-99 22.1	407.0	422.8	10348*	697	13.7	-15.4	-4.7	66.8	70.5	0.0	200.6	244.7	83.5	196.0

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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
03:28:30	33 56.6	-99 22.6	-1.1	-115.5	115.5	6979*	181.4	4.4	-0.9*	930.4	64.2	19.2	1.5	-16.9	-18.9	0.3
03:28:30	33 55.7	-99 21.9	-1.2	-115.6	115.6	308	181.1	4.2	-1.1*	250.6	64.3	19.4	1.0	7.0	7.0	0.0
03:28:30	33 55.6	-99 23.0	-0.5	-115.3	115.3	697	0.1	34.8	-7.4	65.4	71.2	50.0	29.6	8.3	8.3	20.2
03:28:30	33 55.6	-99 23.0	407.8	423.5	10348*	696	12.8	-12.3	-3.5	64.6	69.0	0.0	197.2	180.6	77.5	193.0
03:29:00	33 54.8	-99 22.6	-1.5	-117.7	117.7	9838*	181.5	2.6	-1.4	927.5	67.4	19.1	0.8	-16.9	-18.9	0.3
03:29:00	33 53.8	-99 22.0	-1.7	-117.8	117.8	349	181.2	2.4	-1.5	250.6	67.5	19.4	0.1	7.0	7.0	0.0
03:29:00	33 53.7	-99 23.0	-1.2	-117.4	117.4	718	0.1	25.7	-12.4	68.4	74.2	50.0	28.7	8.5	8.5	21.4
03:29:00	33 53.7	-99 23.0	406.6	422.4	10348*	726	14.1	-13.0	-3.7	67.7	71.8	0.0	201.9	180.5	79.4	197.1
03:29:30	33 52.8	-99 22.6	0.3	-121.8	121.8	9832	180.4	2.1	-1.3	927.0	72.7	19.5	-0.0	-16.9	-18.9	0.3
03:29:30	33 51.9	-99 22.0	0.2	-121.9	121.9	357	180.4	2.0	-1.5	250.6	72.7	19.8	-0.8	7.2	7.2	0.0
03:29:30	33 51.7	-99 23.0	0.7	-121.5	121.5	720	0.1	22.7	-15.5	73.7	79.6	50.0	27.3	8.5	8.5	22.7
03:29:30	33 51.8	-99 23.0	405.5	421.1	10348*	730	11.5	-13.0	-3.6	73.0	77.3	0.0	209.4	179.3	81.9	203.7
03:30:00	33 50.8	-99 22.6	0.4	-124.0	124.0	9903	180.6	2.0	-2.1*	927.0	75.5	20.0	-0.2	-16.9	-18.9	0.3
03:30:00	33 49.9	-99 22.0	0.3	-124.0	124.0	353	180.6	1.8	-2.2*	250.6	75.5	20.2	-1.1	7.2	7.2	0.0
03:30:00	33 49.8	-99 23.0	0.8	-123.7	123.7	720	0.1	21.6	-17.0	76.3	82.5	50.0	26.6	8.7	8.7	23.0
03:30:00	33 49.8	-99 23.0	405.2	420.8	10348*	730	13.1	-14.2	-3.9	75.8	80.3	0.0	213.3	179.9	83.2	207.2
03:30:30	33 49.1	-99 21.6	99.2	-68.3	120.4	9976	120.8*	2.5	-25.0	927.7	75.8	20.2	-0.1	-16.9	-18.9	0.3
03:30:30	33 48.1	-99 21.0	99.1	-68.3	120.4	338	120.6*	2.3	-25.2	250.6	75.9	20.4	-1.0	7.4	7.4	0.0
03:30:30	33 48.0	-99 22.0	99.4	-68.2	120.6	723	0.1	25.9	-15.3	76.5	83.1	50.0	26.5	8.9	8.9	22.8
03:30:30	33 48.0	-99 22.1	405.4	421.0	10348*	730	13.9	-15.8	-4.8	76.2	80.0	0.0	213.8	116.4	87.8	207.7
03:31:00	33 48.8	-99 19.5	115.1	9.2	115.4	9976	81.5	2.0	-4.7*	927.5	76.3	20.2	-0.2	-16.9	-18.9	0.3
03:31:00	33 47.8	-99 18.8	115.1	9.2	115.4	344	81.3	1.8	-4.9*	250.6	76.4	20.4	-1.1	8.0	8.0	0.0
03:31:00	33 47.7	-99 19.8	115.6	9.6	116.0	720	0.1	21.4	-17.3	77.3	83.4	50.0	26.3	9.6	9.6	23.0
03:31:00	33 47.7	-99 19.9	405.2	420.8	10348*	725	13.7	-12.1	-3.4	76.6	80.9	0.0	214.5	75.6	93.6	208.2
03:31:30	33 49.0	-99 17.2	115.9	10.1	116.4	9930	81.6	1.9	-1.4	927.2	77.6	20.2	-0.5	-16.9	-18.9	0.3
03:31:30	33 48.0	-99 16.6	116.0	10.2	116.4	343	81.3	1.7	-1.5	250.6	77.6	20.4	-1.4	8.2	8.2	0.0
03:31:30	33 47.9	-99 17.6	116.5	10.7	116.9	721	0.1	20.4	-18.2	78.4	84.7	50.0	26.0	9.7	9.7	23.4
03:31:30	33 47.9	-99 17.6	404.8	420.5	10348*	727	13.2	-13.7	-4.0	77.9	82.4	0.0	216.2	75.6	94.0	209.7
03:32:00	33 49.1	-99 15.0	116.7	11.0	117.2	9923	81.0	1.7	-2.9	927.1	77.9	20.2	-0.5	-16.9	-18.9	0.3
03:32:00	33 48.2	-99 14.3	116.8	11.0	117.3	373	81.0	1.6	-3.1	250.6	78.0	20.4	-1.5	8.0	8.0	0.0
03:32:00	33 48.1	-99 15.3	117.3	11.5	117.8	724	0.1	20.5	-18.3	78.8	85.1	50.0	25.9	9.7	9.7	23.6
03:32:00	33 48.1	-99 15.4	404.7	420.3	10348*	728	13.5	-12.0	-3.4	78.2	82.8	0.0	216.6	75.2	93.5	210.1
03:32:30	33 49.3	-99 12.7	117.3	13.1	118.0	9976	80.1	1.8	-1.6	927.1	79.1	20.4	-0.6	-16.9	-18.9	0.3
03:32:30	33 48.4	-99 12.0	117.3	13.2	118.1	371	80.2	1.6	-1.8	250.6	79.1	20.6	-1.6	8.1	8.1	0.0
03:32:30	33 48.3	-99 13.0	117.8	13.7	118.6	725	0.1	20.0	-18.9	79.9	86.2	50.0	25.6	9.6	9.6	23.7
03:32:30	33 48.3	-99 13.1	404.6	420.2	10348*	727	14.2	-12.9	-3.8	79.4	83.9	0.0	218.2	74.2	94.2	211.5
03:33:00	33 49.5	-99 10.4	117.9	13.3	118.6	9976	80.1	1.8	-1.7	927.1	78.6	20.6	-0.3	-16.9	-18.9	0.3
03:33:00	33 48.6	-99 9.8	117.9	13.4	118.7	371	79.9	1.6	-1.8	250.6	78.6	20.8	-1.2	7.9	7.9	0.0
03:33:00	33 48.5	-99 10.7	118.4	13.8	119.2	724	0.1	20.4	-18.5	79.4	85.7	50.0	25.8	9.4	9.4	23.1
03:33:00	33 48.5	-99 10.8	405.1	420.7	10348*	727	14.3	-12.7	-3.6	78.9	83.4	0.0	217.5	74.1	93.1	211.0

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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
03:33:30	33 49.8	-99 8.1	119.9	13.3	120.7	9976	79.8	0.8	-1.3	929.4	84.2	20.6	-1.5	-16.9	-18.9	0.3
03:33:30	33 48.8	-99 7.5	120.0	13.4	120.8	335	79.5	0.6	-1.5	250.6	84.3	20.7	-2.6	8.2	8.2	0.0
03:33:30	33 48.7	-99 8.4	120.5	13.9	121.3	698	0.1	17.4	-21.7	85.0	91.6	50.0	24.3	9.9	9.9	25.2
03:33:30	33 48.7	-99 8.5	403.3	418.9	10348*	706	13.7	-13.1	-3.8	84.5	89.3	0.0	225.0	73.6	97.4	217.3
03:34:00	33 49.9	-99 5.8	121.4	2.4	121.4	9973	85.1*	1.4	6.6*	929.7	83.9	20.5	-1.5	-16.9	-18.9	0.3
03:34:00	33 49.0	-99 5.1	121.5	2.5	121.5	356	85.2*	1.2	6.4*	250.6	84.0	20.7	-2.6	8.4	8.4	0.0
03:34:00	33 48.9	-99 6.1	122.0	3.1	122

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
03:38:30	33 36.5	-98 59.1	-6.0	-124.0	124.1	9976	184.3*	2.0	16.5*	927.2	75.6	20.1	-0.1	-16.9	-18.9	0.3
03:38:30	33 35.6	-98 58.5	-5.7	-123.6	123.8	379	184.1*	1.9	16.3*	250.6	75.7	20.3	-1.0	8.3	8.3	0.0
03:38:30	33 35.6	-98 59.4	-4.9	-123.4	123.5	718	0.0	24.3	-15.7	77.1	82.8	50.0	26.5	9.8	9.8	22.9
03:38:30	33 35.6	-98 59.4	405.3	421.0	10348*	721	12.9	-4.1	-1.1	76.1	80.8	0.0	213.5	184.7	83.3	207.5
03:39:00	33 35.0	-99 0.4	-108.6	-40.0	115.8	9976	255.6*	2.1	23.9	927.1	72.8	19.7	0.1	-16.9	-18.9	0.3
03:39:00	33 34.1	-98 59.7	-108.3	-39.6	115.3	360	255.7*	2.0	23.7	250.6	72.8	19.9	-0.6	8.4	8.4	0.0
03:39:00	33 34.1	-99 0.7	-108.3	-39.8	115.3	715	0.1	28.8	-13.1	73.9	80.0	50.0	27.3	9.9	9.9	22.4
03:39:00	33 34.1	-99 0.6	405.7	421.4	10348*	719	14.1	-11.2	-2.7	73.2	78.5	0.0	209.5	258.9	88.8	203.9
03:39:30	33 34.8	-99 2.6	-112.1	3.9	112.2	9976	277.2	2.0	0.6*	927.7	72.8	19.9	0.3	-16.9	-18.9	0.3
03:39:30	33 33.9	-99 1.9	-111.8	4.3	111.9	350	277.2	1.8	0.4*	250.6	72.9	20.1	-0.5	8.5	8.5	0.0
03:39:30	33 33.9	-99 2.8	-111.8	4.7	111.9	717	0.1	22.7	-15.6	73.7	79.7	50.0	27.3	9.9	9.9	22.2
03:39:30	33 33.9	-99 2.8	405.9	421.6	10348*	722	14.2	-13.4	-3.7	73.2	77.5	0.0	209.6	281.6	92.5	204.0
03:40:00	33 34.8	-99 4.8	-113.0	-1.1	113.0	9172	274.3	2.0	-1.8	927.7	73.9	20.4	0.5	-16.9	-18.9	0.3
03:40:00	33 34.0	-99 4.1	-112.6	-0.6	112.6	324	274.1	1.9	-2.0	250.6	74.0	20.6	-0.3	8.7	8.7	0.0
03:40:00	33 34.0	-99 5.0	-112.6	-0.3	112.6	723	0.1	22.1	-16.1	74.9	80.9	50.0	27.0	10.2	10.2	21.8
03:40:00	33 34.0	-99 5.0	406.3	421.9	10348*	723	14.5	-12.7	-3.5	74.3	78.6	0.0	211.2	278.7	93.2	205.5
03:40:30	33 34.8	-99 6.9	-111.0	-2.5	111.0	8449*	274.1	2.2	-1.5	925.1	70.6	19.7	0.5	-16.9	-18.9	0.3
03:40:30	33 33.9	-99 6.3	-110.6	-2.0	110.6	335	273.8	2.0	-1.6	250.6	70.7	19.9	-0.2	8.3	8.3	0.0
03:40:30	33 33.9	-99 7.2	-110.7	-1.6	110.7	747	0.1	24.2	-14.1	71.6	77.5	50.0	27.8	9.9	9.9	21.7
03:40:30	33 33.9	-99 7.1	406.3	422.0	10348*	748	13.7	-13.1	-3.7	71.0	75.2	0.0	206.5	278.9	91.0	201.3
03:41:00	33 34.8	-99 9.1	-111.1	0.7	111.1	8208	275.8	2.3	-1.0	925.2	71.0	19.6	0.4	-16.9	-18.9	0.3
03:41:00	33 33.9	-99 8.4	-110.7	1.2	110.7	341	275.9	2.1	-1.2	250.6	71.0	19.8	-0.3	8.1	8.1	0.0
03:41:00	33 33.9	-99 9.3	-110.8	1.5	110.9	744	0.1	23.2	-14.7	71.9	77.8	50.0	27.7	9.8	9.8	22.0
03:41:00	33 33.9	-99 9.3	406.1	421.8	10348*	748	14.1	-13.0	-3.6	71.3	75.5	0.0	207.0	280.6	91.4	201.7
03:41:30	33 34.0	-99 11.0	-66.1	-98.9	119.0	9040*	216.2*	2.8	-25.1	925.6	71.0	19.7	0.5	-16.9	-18.9	0.3
03:41:30	33 33.2	-99 10.3	-65.7	-98.4	118.3	310	216.2*	2.6	-25.3	250.6	71.0	20.0	-0.2	8.4	8.4	0.0
03:41:30	33 33.2	-99 11.2	-66.3	-97.8	118.1	746	0.1	28.1	-12.7	71.7	78.0	50.0	27.8	10.0	10.0	21.7
03:41:30	33 33.2	-99 11.2	406.3	422.0	10348*	749	14.3	-15.3	-4.6	71.3	74.7	0.0	207.0	220.6	83.1	201.7
03:42:00	33 32.2	-99 11.4	-0.8	-121.3	121.3	9976	181.3	2.2	-0.9	925.2	72.0	19.9	0.5	-16.9	-18.9	0.3
03:42:00	33 31.3	-99 10.7	-0.4	-120.8	120.8	344	181.4	2.0	-1.1	250.6	72.0	20.1	-0.3	8.6	8.6	0.0
03:42:00	33 31.3	-99 11.6	-0.5	-120.6	120.6	741	0.1	23.3	-15.0	72.9	78.9	50.0	27.5	10.3	10.3	21.8
03:42:00	33 31.3	-99 11.6	406.2	421.9	10348*	748	14.0	-13.2	-3.7	72.3	76.5	0.0	208.4	180.7	81.6	203.0
03:42:30	33 30.2	-99 11.4	-1.6	-122.1	122.1	9976	181.4	2.0	-1.4	925.0	73.4	20.0	0.3	-16.9	-18.9	0.3
03:42:30	33 29.3	-99 10.7	-1.2	-121.5	121.5	348	181.2	1.9	-1.6	250.6	73.5	20.2	-0.5	8.7	8.7	0.0
03:42:30	33 29.4	-99 11.6	-1.4	-121.3	121.3	752	0.1	22.2	-16.0	74.4	80.4	50.0	27.1	10.3	10.3	22.2
03:42:30	33 29.4	-99 11.6	405.9	421.6	10348*	750	15.0	-12.2	-3.4	73.8	78.0	0.0	210.4	180.8	82.6	204.8
03:43:00	33 28.2	-99 11.5	4.0	-122.3	122.3	9976	177.9*	2.2	-22.3*	925.0	75.8	20.5	0.2	-16.9	-18.9	0.3
03:43:00	33 27.4	-99 10.7	4.4	-121.6	121.7	381	177.7*	2.1	-22.4*	250.6	75.9	20.7	-0.7	9.4	9.4	0.0
03:43:00	33 27.4	-99 11.6	3.4	-121.5	121.5	751	0.1	25.0	-15.9	76.2	83.1	50.0	26.5	11.0	11.0	22.4
03:43:00	33 27.4	-99 11.6	405.8	421.4	10348*	753	13.7	-19.4	-5.7	76.1	79.8	0.0	213.8	177.3	85.5	207.8

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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
03:43:30	33 26.6	-99 10.3	105.6	-51.7	117.6	9976	113.0*	2.5	-25.0	925.7	75.5	20.4	0.2	-16.9	-18.9	0.3
03:43:30	33 25.8	-99 9.5	106.1	-51.1	117.8	355	112.6*	2.3	-25.1	250.6	75.6	20.6	-0.6	9.5	9.5	0.0
03:43:30	33 25.8	-99 10.5	105.7	-51.4	117.6	730	0.1	26.3	-15.1	76.3	82.8	50.0	26.5	10.9	10.9	22.3
03:43:30	33 25.8	-99 10.5	405.8	421.5	10348*	748	14.1	-15.3	-4.7	75.9	79.4	0.0	213.4	109.7	90.1	207.5
03:44:00	33 26.5	-99 8.1	114.6	4.1	114.7	9976	85.5	1.5	-1.1	925.1	75.6	20.5	0.2	-16.9	-18.9	0.3
03:44:00	33 25.6	-99 7.3	115.2	4.7	115.3	368	85.5	1.3	-1.2	250.6	75.6	20.7	-0.6	9.6	9.6	0.0
03:44:00	33 25.7	-99 8.2	115.0	4.9	115.1	748	0.1	21.5	-17.0	76.4	82.6	50.0	26.5	11.1	11.1	22.3
03:44:00	33 25.7	-99 8.3	405.8	421.5	10348*	749	13.9	-12.5	-3.5	75.9	80.3	0.0	213.5	81.0	93.1	207.5
03:44:30	33 26.5	-99 5.8	117.7	3.2	117.7	9976	85.3	1.0	-1.3	928.3	80.4	20.8	-0.5	-16.9	-18.9	0.3
03:44:30	33 25.7	-99 5.1	118.2	3.8	118.3	349	85.4	0.9	-1.4	250.6	80.4	20.9	-1.5	8.9	8.9	0.0
03:44:30	33 25.7	-99 6.0	118.1	4.0	118.1	717	0.0	20.7	-19.1	81.3	87.6	50.0	25.3	10.4	10.4	23.5
03:44:30	33 25.7	-99 6.0	404.7	420.4	10348*	718	13.9	-12.0	-3.5	80.7	85.4	0.0	220.0	80.1	95.9	213.1
03:45:00	33 26.6	-99 3.5	117.7	1.9	117.7	9976	85.5	1.8	-2.4*	929.6	80.3	20.7	-0.5	-16.9	-18.9	0.3
03:45:00	33 25.8	-99 2.8	118.2	2.6	118.2	320	85.3	1.6	-2.5*	250.6	80.4	20.9	-1.5	8.9	8.9	0.0
03:45:00	33 25.8	-99 3.7	118.1	2.7	118.1	706	0.0	19.6	-19.6	81.1	87.5	50.0	25.3	10.5	10.5	23.6
03:45:00	33 25.8	-99 3.7	404.7	420.3	10348*	705	13.3	-13.0	-3.7	80.6	85.3	0.0	219.9	79.7	96.0	213.0
03:45:30	33 26.7	-99 1.3	116.8	5.8	116.9	9976	84.4	1.7	3.1	929.5	78.0	21.0	0.2	-16.9	-18.9	0.3
03:45:30	33 25.9	-99 0.5	117.3	6.4	117.5	325	84.1	1.6	2.9	250.6	78.1	21.2	-0.8	9.6	9.6	0.0
03:45:30	33 26.0	-99 1.4	117.1	6.7	117.3	705	0.0	21.0	-18.2	79.0	85.2	50.0	25.9	11.1	11.1	22.4
03:45:30	33 26.0	-99 1.5	405.8	421.4	10348*	705	13.6	-11.9	-3.3	78.4	83.0	0.0	216.8	79.1	94.1	210.5
03:46:00	33 26.3	-98 59.1	94.8	-76.8	122.0	9976	126.8*	1.5	24.5	928.4	78.2	20.3	-0.5	-16.9	-18.9	0.3
03:46:00	33 25.6	-98 58.3	95.4	-76.1	122.0	322	127.1*	1.4	24.4	250.6	78.3	20.5	-1.4	8.8	8.8	0.0
03:46:00	33 25.6	-98 59.3	95.5	-75.6	121.8	705	0.1	25.7	-16.4	79.4	85.6	50.0	25.8	10.4	10.4	23.4
03:46:00	33 25.6	-98 59.3	404.8	420.5	10348*	707	13.7	-10.2	-2.5	78.6	83.9	0.0	217.1	119.9	89.2	210.5
03:46:30	33 24.5	-98 58.3	0.3	-125.0	125.0	9976	180.2	2.0	-0.4	929.8	77.7	20.7	0.0	-16.9	-18.9	0.3
03:46:30	33 23.8	-98 57.5	0.8	-124.2	124.2	326	180.0	1.8	-0.6	250.6	77.8	20.9	-0.9	9.0	9.0	0.0
03:46:30	33 23.8	-98 58.5	0.5	-124.2	124.2	694	0.1	20.4	-18.3	78.9	85.0	50.0	26.0	10.6	10.6	22.6
03:46:30	33 23.8	-98 58.5	405.5	421.2	10348*	702	13.2	-8.4	-2.2	78.1	82.8	0.0	216.4	179.7	85.1	210.1
03:47:00	33 22.5	-98 58.3	-1.3	-124.5	124.5	9976	180.7	1.5	-3.3	929.7	79.0	21.2	0.1	-16.9	-18.9	0.3
03:47:00	33 21.8	-98 57.5	-0.7	-123.7	123.7	356	180.4	1.4	-3.4	250.6	79.1	21.3	-0.8	10.8	10.8	0.0
03:47:00	33 21.8	-98 58.5	-1.1	-123.7	123.7	696	0.1	19.6	-19.0	80.0	86.3	50.0	25.6	12.2	12.2	22.4
03:47:00	33 21.8	-98 58.5	405.7	421.4	10348*	704	13.6	-10.2	-2.7	79.4	84.0	0.0	218.1	179.9	87.2	211.7
03:47:30	33 20.5	-98 58.3	-1.9	-124.0	124.0	9976	181.1	1.7	-0.9	929.7	78.6	21.1	0.2	-16.9	-18.9	0.3
03:47:30	33 19.8	-98 57.5	-1.4	-123.3	123.3	351	181.1	1.5	-1.1	250.6	78.6	21.3	-0.8	10.6	10.6	0.0
03:47:30	33 19.8	-98 58.5	-1.7	-123.2	123.3	695	0.1	19.0	-19.1	79.4	85.8	50.0	25.8	12.3	12.3	22.3
03:47:30	33 19.8	-98 58.5	405.8	421.4	10348*	705	13.9	-12.6	-3.5	78.9	83.6	0.0	217.5	179.7	87.1	211.2
03:48:00	33 18.5	-98 58.4	-3.5	-123.3	123.3	9976	181.7	1.7	-1.3	929.7	78.5	21.1	0.2	-16.9	-18.9	0.3
03:48:00	33 17.8	-98 57.6	-3.0	-122.5	122.5	365	181.7	1.5	-1.5	250.6	78.6	21.3	-0.8	11.1	11.1	0.0
03:48:00	33 17.8	-98 58.5	-3.4	-122.5	122.5	700	0.1	19.5	-18.8	79.3	85.7	50.0	25.8	12.6	12.6	22.3
03:48:00	33 17.8	-98 58.5	405.8	421.5	10348*	705	12.6	-13.1	-3.7	78.8	83.5	0.0	217.4	180.0	87.8	211.1

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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
03:48:30	33 16.5	-98 58.5	-2.3	-122.3	122.3	9976	181.3	1.8	-2.5	929.9	77.9	21.2	0.4	-16.9	-18.9	0.3
03:48:30	33 15.8	-98 57.6	-1.7	-121.5	121.5	358	181.0	1.6	-2.7	250.6	77.9	21.4	-0.5	11.7	11.7	0.0
03:48:30	33 15.8	-98 58.6	-2.1	-121.5	121.5	690	0.1	19.3	-18.8	78.8	85.0	50.0	25.9	13.3	13.3	22.0
03:48:30	33 15.9	-98 58.6	406.1	421.8	10348*	705	13.3	-12.2	-3.5	78.2	82.7	0.0	216.6	180.1	88.1	210.4
03:49:00	33 14.5	-98 58.5	-0.8	-121.6	121.6	9976	180.5	1.9	-1.5	929.9	76.1	20.9	0.5	-16.9	-18.9	0.3
03:49:00	33 13.8	-98 57.6	-0.3	-120.8	120.8	343	180.2	1.7	-1.6	250.6	76.2	21.1	-0.4	11.6	11.6	0.0
03:49:00	33 13.9	-98 58.6	-0.7	-120.8	120.8	690	0.1	21.5	-17.2	77.0	83.2	50.0	26.4	13.1	13.1	21.8
03:49:00	33 13.9	-98 58.6	406.2	421.9	10348*	705	13.2	-13.8	-3.9	76.5	81.0	0.0	214.2	178.8	86.7	208.3
03:49:30	33 12.6	-98 58.7	-50.2	-108.8	119.9	9976	207.2*	1.7	24.9	928.5	74.9	20.9	0.8	-16.9	-18.9	0.3
03:49:30	33 11.9	-98 57.8	-49.8	-108.1	119.0	347	207.5*	1.5	24.8	250.6	74.9	21.1	-0.1	11.7	11.7	0.0
03:49:30	33 11.9	-98 58.8	-49.8	-108.3	119.2	707	0.0	24.7	-15.5	76.1	82.1	50.0	26.7	13.2	13.2	21.3
03:49:30	33 12.0	-98 58.8	406.7	422.4	10348*	709	14.4	-9.5	-2.2	75.3	80.4	0.0	212.5	206.6	87.0	206.8
03:50:00	33 11.6	-99 0.5	-113.8	-4.4	113.9	9976	271.1	1.8	3.4*	930.0	73.9	20.9	1.0	-16.9	-18.9	0.3
03:50:00	33 11.0	-98 59.6	-113.3	-3.6	113.3	325	271.0	1.7	3.2*	250.6	73.9	21.1	0.2	11.8	11.8	0.0
03:50:00	33 11.0	-99 0.6	-113.8	-3.2	113.8	698	0.1	24.0	-15.4	75.0	80.8	50.0	27.0	13.2	13.2	21.0
03:50:00	33 11.0	-99 0.6	407.0	422.7	10348*	701	14.7	-9.1	-2.4	74.3	78.3	0.0	211.1	273.8	91.9	205.6
03:50:30	33 11.7	-99 2.7	-113.8	2.1	113.8	9976	273.6	2.1	-3.1	930.0	71.8	21.2	1.7	-16.9	-18.9	0.3
03:50:30	33 11.0	-99 1.8	-113.2	2.9	113.2	334	273.3	1.9	-3.2	250.6	71.9	21.4	0.9	11.6	11.6	0.0
03:50:30	33 11.0	-99 2.8	-113.7	3.1	113.8	705	0.1	20.1	-16.5	72.8	78.7	50.0	27.5	13.2	13.2	20.0
03:50:30	33 11.0	-99 2.8	408.0	423.8	10348*	706	14.3	-12.8	-3.5	72.1	76.2	0.0	208.2	275.2	89.6	203.3
03:51:00	33 11.7	-99 4.9	-114.0	-2.2	114.0	9976	272.7	2.4	-1.7	929.8	71.6	20.8	1.4	-16.9	-18.9	0.3
03:51:00	33 11.0	-99 4.0	-113.4	-1.4	113.4	339	272.7	2.2	-1.8	250.6	71.7	21.0	0.7	11.7	11.7	0.0
03:51:00	33 11.0	-99 5.0	-114.0	-1.3	114.0	704	0.1	27.6	-12.9	72.7	78.6	50.0	27.6	13.1	13.1	20.4
03:51:00	33 11.0	-99 5.0	407.6	423.4	10348*	703	12.9	-9.4	-2.3	71.9	76.3	0.0	207.9	276.5	89.2	202.9
03:51:30	33 11.6	-99 7.1	-116.0	-0.8	116.0	9976	273.0	1.1	-0.3*	929.3	74.3	22.1	2.0	-16.9	-18.9	0.3
03:51:30	33 11.0	-99 6.2	-115.4	-0.1	115.4	332	273.1	1.0	-0.4*	250.6	74.4	22.3	1.2	11.6	11.6	0.0
03:51:30	33 11.0	-99 7.2	-116.0	-0.0	116.0	710	0.1	22.2	-16.3	75.3	81.3	50.0	26.9	13.3	13.3	19.5
03:51:30	33 11.0	-99 7.2	408.5	424.3	10348*	710	12.0	-12.9	-3.5	74.7	79.1	0.0	211.7	275.6	90.8	206.6
03:52:00	33 11.6	-99 9.3	-116.1	-1.3	116.1	9290*	272.6	2.0	-2.1	929.8	74.7	22.3	2.1	-16.9	-18.9	0.2
03:52:00	33 11.0	-99 8.4	-115.5	-0.5	115.5	313	272.4	1.8	-2.2	250.6	74.8	22.5	1.2	11.5	11.5	0.0
03:52:00	33 11.0	-99 9.4	-116.1	-0.5	116.1	707	0.0	21.1	-16.8	75.5	81.7	50.0	26.8	13.1	13.1	19.4
03:52:00	33 11.0	-99 9.4	408.6	424.4	10348*	707	13.3	-13.3	-3.8	75.0	79.1	0.0	212.2	275.1	91.2	207.1
03:52:30	33 11.6	-99 11.5	-114.1	4.9	114.2	8432*	276.0*	2.1	20.7*	924.7	71.9	21.7	2.1	-16.9	-18.9	0.3
03:52:30	33 11.0	-99 10.6	-113.5	5.8	113.6	329	275.8*	2.0	20.5*	250.6	72.0	21.9	1.4	11.4	11.4	0.0
03:52:30	33 11.0	-99 11.7	-114.2	5.0	114.3	747	0.0	26.0	-13.8	73.5	79.0	50.0	27.5	13.0	13.0	19.3
03:52:30	33 11.0	-99 11.6	408.7	424.5	10348*	747	12.9	-5.5	-1.3	72.3	77.0	0.0	208.3	277.8	89.5	203.5
03:53:00	33 12.6	-99 13.1	-29.6	107.7	111.7	9976	347.0*	2.1	24.6	919.6	72.5	21.2	1.6	-16.9	-18.9	0.3
03:53:00	33 12.0	-99 12.2	-28.9	108.4	112.1	369	347.2*	1.9	24.4	250.6	72.6	21.4	0.8	11.5	11.5	0.0
03:53:00	33 12.1	-99 13.2	-30.1	108.4	112.6	791	0.1	29.2	-12.8	73.8	79.7	50.0	27.3	13.0	13.0	20.1
03:53:00	33 12.1	-99 13.2	407.8	423.6	10348*	792	12.7	-10.8	-2.6	72.9	78.2	0.0	209.2	345.6	92.5	204.1

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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
03:53:30	33 14.3	-99 12.4	93.8	62.6	112.8	9976	56.7*	1.9	24.2	919.6	74.8	20.5	0.4	-16.9	-18.9	0.2
03:53:30	33 13.6	-99 11.4	94.5	63.3	113.7	382	56.6*	1.8	24.0	250.6	74.8	20.7	-0.4	11.5	11.5	0.0
03:53:30	33 13.7	-99 12.5	93.7	63.8	113.3	791	0.1	26.9	-14.5	75.6	81.9	50.0	26.7	13.2	13.2	21.9
03:53:30	33 13.7	-99 12.6	406.2	421.8	10348*	792	12.7	-14.5	-3.8	75.1	80.0	0.0	212.3	52.7	93.9	206.6
03:54:00	33 14.5	-99 10.3	115.1	-4.0	115.2	9976	90.3	2.1	-2.1*	920.7	75.3	20.3	0.2	-16.9	-18.9	0.2
03:54:00	33 13.9	-99 9.3	115.8	-3.4	115.8	378	90.3	1.9	-2.2*	250.6	75.3	20.6	-0.7	11.8	11.8	0.0
03:54:00	33 13.9	-99 10.4	115.2	-3.4	115

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
03:58:30	33 11.5	-98 59.3	-109.5	-0.3	109.5	9976	271.5	2.7	-1.7	911.8	67.4	19.5	1.1	-16.9	-18.9	0.2
03:58:30	33 11.0	-98 58.2	-108.9	0.1	108.9	497	271.3	2.6	-1.8	250.6	67.5	19.8	0.5	11.3	11.3	0.0
03:58:30	33 11.0	-98 59.4	-109.7	0.2	109.7	872	0.1	23.6	-13.3	68.4	74.1	50.0	28.7	12.8	12.8	20.8
03:58:30	33 11.0	-98 59.4	407.2	422.9	10348*	871	15.2	-12.6	-3.3	67.8	71.6	0.0	201.9	271.8	87.8	197.3
03:59:00	33 11.5	-99 1.4	-110.8	-0.3	110.8	9976	271.7	2.4	-1.6	911.6	68.7	19.3	0.7	-16.9	-18.9	0.2
03:59:00	33 11.0	-99 0.3	-110.2	0.2	110.2	506	271.7	2.2	-1.7	250.6	68.8	19.6	0.0	11.2	11.2	0.0
03:59:00	33 11.0	-99 1.5	-111.1	0.2	111.1	871	0.1	24.7	-13.2	69.8	75.4	50.0	28.4	12.7	12.7	21.5
03:59:00	33 11.0	-99 1.5	406.5	422.2	10348*	872	14.3	-11.5	-2.9	69.1	73.2	0.0	203.7	272.4	88.0	198.8
03:59:30	33 11.5	-99 3.6	-112.7	0.3	112.7	9976	271.6	2.1	-1.6	911.6	71.7	19.9	0.5	-16.9	-18.9	0.2
03:59:30	33 11.0	-99 2.4	-112.1	0.7	112.1	509	271.7	1.9	-1.8	250.6	71.8	20.2	-0.2	11.3	11.3	0.0
03:59:30	33 11.0	-99 3.7	-113.0	0.8	113.0	867	0.1	22.9	-15.0	72.7	78.6	50.0	27.5	12.8	12.8	21.7
03:59:30	33 11.0	-99 3.7	406.3	422.0	10348*	872	13.1	-12.4	-3.1	72.1	76.4	0.0	208.1	271.9	90.1	202.8
04:00:00	33 11.5	-99 5.7	-113.8	-0.2	113.8	9976	272.0	2.2	-1.6	911.8	72.2	19.6	0.2	-16.9	-18.9	0.2
04:00:00	33 11.0	-99 4.6	-113.2	0.2	113.2	497	271.8	2.0	-1.8	250.6	72.2	19.8	-0.6	11.3	11.3	0.0
04:00:00	33 11.0	-99 5.9	-114.1	0.2	114.1	867	0.1	22.3	-15.4	73.1	78.9	50.0	27.4	12.8	12.8	22.4
04:00:00	33 11.0	-99 5.9	405.7	421.4	10348*	871	12.5	-13.1	-3.5	72.5	76.7	0.0	208.7	273.0	89.4	203.1
04:00:30	33 11.5	-99 7.9	-115.1	0.5	115.1	9467	271.4	1.7	-1.1	911.2	72.6	19.8	0.2	-16.9	-18.9	0.2
04:00:30	33 11.0	-99 6.8	-114.5	0.8	114.5	497	271.2	1.6	-1.3	250.6	72.6	20.0	-0.5	11.3	11.3	0.0
04:00:30	33 11.1	-99 8.1	-115.4	0.9	115.5	872	0.0	21.7	-15.8	73.9	79.4	50.0	27.3	12.6	12.6	22.3
04:00:30	33 11.1	-99 8.1	405.8	421.5	10348*	874	12.5	-5.7	-1.0	72.9	77.5	0.0	209.3	272.6	88.6	203.7
04:01:00	33 11.5	-99 10.2	-116.6	-4.0	116.6	8883*	269.0	1.5	-2.1	911.3	76.4	20.6	0.1	-16.9	-18.9	0.2
04:01:00	33 11.0	-99 9.0	-116.0	-3.7	116.0	473	269.1	1.3	-2.2	250.6	76.5	20.8	-0.7	11.3	11.3	0.0
04:01:00	33 11.0	-99 10.3	-116.9	-3.7	117.0	872	0.0	18.0	-18.8	77.3	83.4	50.0	26.3	12.9	12.9	22.4
04:01:00	33 11.0	-99 10.3	405.7	421.4	10348*	875	14.0	-11.1	-2.9	76.7	81.1	0.0	214.6	269.1	91.9	208.5
04:01:30	33 11.7	-99 12.4	-99.6	58.7	115.6	9174*	302.3*	1.9	24.4	910.5	75.6	20.6	0.3	-16.9	-18.9	0.2
04:01:30	33 11.2	-99 11.2	-99.0	58.9	115.2	457	302.3*	1.7	24.2	250.6	75.7	20.8	-0.5	11.4	11.4	0.0
04:01:30	33 11.2	-99 12.5	-100.2	58.7	116.1	874	0.0	24.4	-15.8	76.6	82.7	50.0	26.5	12.9	12.9	22.1
04:01:30	33 11.2	-99 12.5	406.0	421.7	10348*	876	12.4	-10.9	-2.5	76.0	81.0	0.0	213.5	300.8	92.0	207.6
04:02:00	33 13.2	-99 13.3	-3.4	114.4	114.4	9976	358.7	0.6	-0.8	917.1	76.8	20.5	-0.0	-16.9	-18.9	0.2
04:02:00	33 12.8	-99 12.1	-2.8	114.6	114.7	394	358.5	0.4	-0.9	250.6	76.8	20.7	-0.9	11.6	11.6	0.0
04:02:00	33 12.8	-99 13.5	-3.6	114.7	114.8	822	0.0	24.4	-16.0	77.5	83.7	50.0	26.2	13.1	13.1	22.7
04:02:00	33 12.8	-99 13.5	405.5	421.1	10348*	826	12.7	-11.1	-2.9	77.1	81.5	0.0	215.1	357.8	94.3	208.9
04:02:30	33 15.1	-99 13.3	-1.6	111.1	111.1	9976	0.1	0.8*	-1.7	924.5	73.7	20.4	0.5	-16.9	-18.9	0.2
04:02:30	33 14.6	-99 12.2	-1.0	111.3	111.3	353	0.1	0.6*	-1.8	250.6	73.8	20.6	-0.3	11.8	11.8	0.0
04:02:30	33 14.6	-99 13.5	-1.9	111.4	111.4	754	0.1	22.1	-15.9	74.4	80.5	50.0	27.0	13.2	13.2	21.8
04:02:30	33 14.6	-99 13.5	406.3	422.0	10348*	757	13.4	-12.6	-3.2	74.1	78.3	0.0	210.9	359.6	94.0	205.3
04:03:00	33 16.8	-99 13.4	-1.0	104.9	105.0	9976	0.9	2.4	-1.7	925.3	67.7	19.6	1.2	-16.9	-18.9	0.2
04:03:00	33 16.3	-99 12.2	-0.4	105.1	105.1	318	0.9	2.2	-1.9	250.6	67.7	19.9	0.6	11.2	11.2	0.0
04:03:00	33 16.4	-99 13.6	-1.3	105.2	105.3	751	0.1	24.5	-12.9	68.5	74.3	50.0	28.6	12.6	12.6	20.8
04:03:00	33 16.4	-99 13.6	407.2	423.0	10348*	750	13.3	-12.7	-3.4	68.0	72.2	0.0	202.3	0.8	92.6	197.6

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
04:03:30	33 18.4	-99 13.0	70.3	78.7	105.6	9976	42.2*	2.2	24.6	923.9	67.7	19.7	1.2	-16.9	-18.9	0.2
04:03:30	33 17.9	-99 11.8	70.9	78.9	106.0	328	42.1*	2.0	24.4	250.6	67.8	19.9	0.6	11.3	11.3	0.0
04:03:30	33 18.0	-99 13.2	69.7	79.2	105.6	754	0.1	29.8	-10.8	68.8	74.6	50.0	28.6	12.5	12.5	20.7
04:03:30	33 18.0	-99 13.2	407.3	423.0	10348*	755	12.3	-11.7	-2.7	68.1	72.8	0.0	202.4	38.1	92.2	197.7
04:04:00	33 18.9	-99 11.0	110.5	-2.9	110.5	9976	89.8	2.3	-1.6	925.4	69.4	19.9	1.0	-16.9	-18.9	0.2
04:04:00	33 18.4	-99 9.8	111.0	-2.8	111.1	332	89.9	2.2	-1.7	250.6	69.5	20.2	0.4	11.3	11.3	0.0
04:04:00	33 18.5	-99 11.3	110.2	-2.8	110.2	750	0.0	24.0	-13.8	70.4	76.2	50.0	28.2	12.9	12.9	21.0
04:04:00	33 18.5	-99 11.3	407.0	422.8	10348*	749	13.9	-12.8	-3.4	69.7	73.8	0.0	204.8	86.0	89.5	199.9
04:04:30	33 18.9	-99 8.9	111.7	2.5	111.8	9976	87.0	2.2	-1.9	925.0	71.0	20.0	0.8	-16.9	-18.9	0.2
04:04:30	33 18.4	-99 7.7	112.3	2.6	112.3	353	87.1	2.0	-2.0	250.6	71.0	20.3	0.1	11.4	11.4	0.0
04:04:30	33 18.5	-99 9.1	111.4	2.6	111.5	751	0.1	22.5	-15.0	71.9	77.8	50.0	27.8	12.9	12.9	21.3
04:04:30	33 18.5	-99 9.1	406.7	422.4	10348*	752	12.7	-12.7	-3.4	71.3	75.4	0.0	207.0	83.2	90.3	201.8
04:05:00	33 18.9	-99 6.7	114.1	2.7	114.2	9976	86.6	1.9	0.0*	926.4	73.8	20.3	0.5	-16.9	-18.9	0.2
04:05:00	33 18.4	-99 5.5	114.6	2.7	114.6	340	86.4	1.7	-0.2*	250.6	73.9	20.6	-0.3	11.4	11.4	0.0
04:05:00	33 18.5	-99 6.9	113.8	2.7	113.8	739	0.1	20.9	-16.6	74.7	80.8	50.0	27.0	12.8	12.8	21.9
04:05:00	33 18.5	-99 7.0	406.2	421.9	10348*	738	13.6	-12.8	-3.4	74.1	78.4	0.0	211.0	82.3	91.5	205.4
04:05:30	33 18.9	-99 4.5	115.3	-6.0	115.5	9976	90.8	1.9	-1.0	926.4	74.5	20.4	0.4	-16.9	-18.9	0.2
04:05:30	33 18.4	-99 3.3	115.7	-6.1	115.9	349	90.5	1.8	-1.2	250.6	74.6	20.7	-0.4	10.9	10.9	0.0
04:05:30	33 18.5	-99 4.7	114.9	-6.1	115.1	736	0.1	20.1	-17.2	75.4	81.5	50.0	26.8	12.3	12.3	22.0
04:05:30	33 18.5	-99 4.8	406.1	421.8	10348*	738	13.4	-13.1	-3.5	74.8	79.2	0.0	212.0	86.2	91.2	206.3
04:06:00	33 18.8	-99 2.3	115.6	1.4	115.6	9976	87.0	1.9	-2.5	926.4	75.2	20.4	0.2	-16.9	-18.9	0.2
04:06:00	33 18.3	-99 1.0	116.1	1.4	116.1	363	87.0	1.8	-2.6	250.6	75.3	20.6	-0.6	10.4	10.4	0.0
04:06:00	33 18.4	-99 2.5	115.3	1.3	115.3	735	0.1	20.4	-17.3	76.0	82.3	50.0	26.6	11.7	11.7	22.2
04:06:00	33 18.4	-99 2.5	405.9	421.6	10348*	737	13.1	-13.5	-3.7	75.5	79.8	0.0	213.0	82.4	91.8	207.1
04:06:30	33 18.8	-99 0.0	116.1	4.0	116.2	9976	86.3	1.2	-1.8	926.7	76.3	20.7	0.3	-16.9	-18.9	0.2
04:06:30	33 18.4	-98 58.8	116.5	3.9	116.6	371	86.4	1.1	-1.9	250.6	76.4	20.9	-0.6	11.3	11.3	0.0
04:06:30	33 18.4	-99 0.3	115.7	3.9	115.7	736	0.0	19.7	-17.9	77.1	83.3	50.0	26.3	12.5	12.5	22.2
04:06:30	33 18.4	-99 0.3	405.9	421.6	10348*	735	13.6	-13.6	-3.7	76.6	81.0	0.0	214.5	82.4	92.5	208.4
04:07:00	33 18.9	-98 57.8	117.6	4.3	117.7	9976	86.1	1.1	-1.5	928.3	79.0	21.1	0.0	-16.9	-18.9	0.2
04:07:00	33 18.4	-98 56.5	118.0	4.1	118.1	375	85.9	1.0	-1.6	250.6	79.1	21.3	-0.9	11.0	11.0	0.0
04:07:00	33 18.5	-98 58.0	117.2	4.1	117.3	721	0.1	19.4	-19.1	79.9	86.2	50.0	25.6	12.5	12.5	22.6
04:07:00	33 18.5	-98 58.1	405.6	421.2	10348*	718	13.2	-12.2	-3.3	79.3	83.6	0.0	218.2	82.4	94.2	211.7
04:07:30	33 18.9	-98 55.5	117.1	-27.6	120.3	9976	101.8*	2.0	25.4	929.5	79.7	21.0	-0.1	-16.9	-18.9	0.2
04:07:30	33 18.4	-98 54.2	117.4	-27.8	120.7	328	101.6*	1.9	25.3	250.6	79.7	21.2	-1.1	9.6	9.6	0.0
04:07:30	33 18.5	-98 55.7	116.8	-27.3	119.9	699	0.0	23.7	-17.6	80.5	87.1	50.0	25.5	11.5	11.5	22.8
04:07:30	33 18.5	-98 55.8	405.4	421.0	10348*	698	13.7	-14.1	-3.6	80.0	85.5	0.0	219.0	95.5	92.6	212.4
04:08:00	33 17.5	-98 54.0	22.9	-121.0	123.1	9976	170.1*	1.7	23.7	929.6	78.4	21.0	0.1	-16.9	-18.9	0.2
04:08:00	33 17.0	-98 52.7	23.3	-121.2	123.4	330	170.2*	1.5	23.5	250.6	78.5	21.2	-0.8	10.1	10.1	0.0
04:08:00	33 17.1	-98 54.2	22.9	-121.2	123.4	700	0.0	23.6	-17.2	79.6	85.8	50.0	25.8	11.5	11.5	22.5
04:08:00	33 17.1	-98 54.2	405.7	421.3	10348*	698	13.5	-10.9	-2.5	78.9	84.3	0.0	217.4	167.4	87.9	211.0

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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
04:08:30	33 15.5	-98 53.9	-0.8	-122.9	122.9	9976	180.8	1.8	-1.0	930.3	77.7	20.9	0.2	-16.9	-18.9	0.2
04:08:30	33 15.0	-98 52.6	-0.5	-123.1	123.1	350	180.6	1.6	-1.1	250.6	77.8	21.1	-0.7	10.3	10.3	0.0
04:08:30	33 15.1	-98 54.2	-1.3	-123.2	123.2	694	0.1	18.8	-18.9	78.6	84.9	50.0	26.0	11.7	11.7	22.3
04:08:30	33 15.1	-98 54.2	405.8	421.4	10348*	700	14.6	-12.8	-3.4	78.0	82.4	0.0	216.4	179.8	87.2	210.1
04:09:00	33 13.6	-98 53.9	-1.6	-119.8	119.8	9976	181.3	1.6	-1.3	925.8	75.9	20.6	0.3	-16.9	-18.9	0.2
04:09:00	33 13.1	-98 52.6	-1.3	-120.0	120.0	386	181.1	1.4	-1.5	250.6	76.0	20.8	-0.6	11.0	11.0	0.0
04:09:00	33 13.1	-98 54.2	-2.2	-120.2	120.2	727	0.1	19.4	-18.0	76.9	83.0	50.0	26.4	12.6	12.6	22.2
04:09:00	33 13.2	-98 54.2	405.9	421.6	10348*	742	14.1	-11.1	-2.9	76.2	80.6	0.0	213.9	180.7	88.1	207.9
04:09:30	33 11.9	-98 54.9	-101.3	-58.2	116.9	9976	243.4*	1.8	24.2	924.9	75.2	20.5	0.4	-16.9	-18.9	0.2
04:09:30	33 11.4	-98 53.6	-101.1	-58.6	116.8	378	243.6*	1.7	24.1	250.6	75.2	20.7	-0.5	11.4	11.4	0.0
04:09:30	33 11.5	-98 55.2	-101.8	-59.1	117.7	729	0.1	25.5	-15.2	76.2	82.4	50.0	26.6	12.9	12.9	22.0
04:09:30	33 11.5	-98 55.1	406.1	421.7	10348*	741	14.7	-11.1	-2.5	75.6	80.9	0.0	212.9	243.6	90.3	207.0
04:10:00	33 11.6	-98 57.1	-115.4	-7.3	115.6	9976	268.6	2.0	-0.7	926.0	75.5	20.6	0.4	-16.9	-18.9	0.2
04:10:00	33 11.1	-98 55.8	-115.1	-7.6	115.4	380	268.5	1.8	-0.9	250.6	75.6	20.9	-0.4	11.5	11.5	0.0
04:10:00	33 11.2	-98 57.4	-116.0	-7.6	116.2	735	0.1	19.4	-17.8	76.5	82.5	50.0	26.6	12.8	12.8	22.0
04:10:00	33 11.2	-98 57.3	406.1	421.8	10348*	740	14.2	-11.5	-2.9	75.8	80.2	0.0	213.3	270.1	92.0	207.5
04:10:30	33 11.6	-98 59.3	-115.6	4.6	115.7	9976	274.8	1.8	0.6	925.8	75.5	20.5	0.3	-16.9	-18.9	0.2
04:10:30	33 11.1	-98 58.0	-115.3	4.2	115.4	369	274.6	1.6	0.5	250.6	75.6	20.7	-0.5	11.6	11.6	0.0
04:10:30	33 11.1	-98 59.6	-116.2	4.2	116.3	739	0.1	19.6	-17.7	76.5	82.6	50.0	26.5	13.1	13.1	22.2
04:10:30	33 11.1	-98 59.6	405.9	421.6	10348*	742	13.8	-11.9	-3.1	75.9	80.3	0.0	213.4	276.3	91.9	207.5
04:11:00	33 11.7	-99 1.5	-116.0	7.7	116.2	9976	276.4	1.7	-1.5	925.8	76.8	20.7	0.2	-16.9	-18.9	0.2
04:11:00	33 11.2	-99 0.2	-115.8	7.3	116.0	368	276.4	1.5	-1.7	250.6	76.8	20.9	-0.7	11.3	11.3	0.0
04:11:00	33 11.2	-99 1.8	-116.6	7.3	116.9	740	0.1	19.1	-18.3	77.7	83.9	50.0	26.2	12.6	12.6	22.4
04:11:00	33 11.2	-99 1.8	405.7	421.4	10348*	742	14.8	-12.4	-3.3	77.1	81.6	0.0	215.1	278.1	92.9	209.0
04:11:30	33 11.7	-99 3.8	-117.1	-7.0	117.3	9148	269.3	1.7	-2.5	925.7	77.6	20.7	-0.0	-16.9	-18.9	0.2
04:11:30	33 11.2	-99 2.5	-116.9	-7.4	117.1	375	269.4	1.5	-2.7	250.6	77.6	20.9	-0.9	11.1	11.1	0.0
04:11:30	33 11.2	-99 4.1	-117.7	-7.4	118.0	744	0.1	19.0	-18.7	78.3	84.7	50.0	26.0	12.8	12.8	22.7
04:11:30	33 11.2	-99 4.1	405.5	421.1	10348*	743	13.7	-14.5	-4.0	77.8	82.3	0.0	216.2	271.0	92.8	209.9
04:12:00	33 11.6	-99 6.0	-115.6	-8.2	115.9	8880*	268.3	1.4	-1.3	922.6	75.4	20.3	0.1	-16.9	-18.9	0.2
04:12:00	33 11.0	-99 4.7	-115.4	-8.7	115.8	390	268.1	1.3	-1.5	250.6	75.5	20.6	-0.7	11.3	11.3	0.0
04:12:00	33 11.1	-99 6.4	-116.3	-8.7	116.6	771	0.1	18.3	-18.2	76.4	82.4	50.0	26.6	12.6	12.6	22.4
04:12:00	33 11.1	-99 6.3	405.7	421.4	10348*	772	13.3	-11.5	-3.0	75.7	80.2	0.0	213.2	269.8	91.4	207.2
04:12:30	33 11.5	-99 8.3	-116.0	4.3	116.1	8994*	273.9	1.8	-4.6*	922.9	75.9	20.5	0.2	-16.9	-18.9	0.2
04:12:30	33 11.0	-99 6.9	-115.8	3.8	115.9	390	273.7	1.6	-4.8*	250.6	76.0	20.7	-0.6	11.7	11.7	0.0
04:12:30	33 11.0	-99 8.6	-116.6	3.8	116.7	770	0.1	19.0	-18.1	76.8	82.9	50.0	26.4	13.1	13.1	22.3
04:12:30	33 11.0	-99 8.6	405.8	421.5	10348*	770	12.5	-11.6	-3.0	76.2	80.4	0.0	213.9	275.1	91.9	207.9
04:13:00	33 11.5	-99 10.5	-116.7	0.2	116.7	8258*	272.1	1.7	0.2	922.7	76.9	20.5	-0.0	-16.9	-18.9	0.2
04:13:00	33 11.0	-99 9.2	-116.6	-0.3	116.6	357	272.2	1.5	0.0	250.6	76.9	20.7	-0.9	11.7	11.7	0.0
04:13:00	33 11.0	-99 10.9	-117.4	-0.4	117.4	768	0.0	18.1	-18.8	77.8	83.9	50.0	26.2	13.2	13.2	22.7
04:13:00	33 11.0	-99 10.8	405.5	421.1	10348*	771	13.9	-12.4	-3.3	77.2	81.7	0.0	215.2	273.1	92.4	209.0

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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
04:13:30	33 11.5	-99 12.7	-116.9	2.9	116.9	7613*	273.5	1.7	-1.4	922.7	77.8	20.6	-0.1	-16.9	-18.9	0.2
04:13:30	33 11.0	-99 11.4	-116.8	2.4	116.8	353	273.5	1.5	-1.6	250.6	77.9	20.8	-1.0	11.7	11.7	0.0
04:13:30	33 11.1	-99 13.1	-117.6	2.3	117.6	771	0.1	19.1	-18.6	78.6	84.9	50.0	25.9	13.2	13.2	22.8
04:13:30	33 11.1	-99 13.1	405.4	421.0	10348*	771	12.2	-12.8	-3.4	78.1	82.6	0.0	216.5	274.5	93.3	210.1
04:14:00	33 11.6	-99 15.0	-117.1	3.1	117.2	7431	273.6	1.6	-1.3	922.6	78.1	20.8	0.0	-16.9	-18.9	0.2
04:14:00	33 11.0	-99 13.7	-117.1	2.5	117.1	321	273.4	1.5	-1.5	250.6	78.2	21.0	-0.9	11.8	11.8	0.0
04:14:00	33 11.1	-99 15.4	-117.8	2.5	117

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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
04:18:30	33 14.8	-99 4.3	117.8	0.3	117.8	9976	89.2	1.7	-1.2	915.3	76.9	20.1	-0.4	-16.9	-18.9	0.2
04:18:30	33 14.1	-99 3.0	117.7	-0.7	117.7	458	89.3	1.5	-1.3	250.6	77.0	20.3	-1.3	11.3	11.3	0.0
04:18:30	33 14.2	-99 4.9	117.3	-0.6	117.3	839	0.1	18.5	-18.7	77.8	83.9	50.0	26.2	12.7	12.7	23.4
04:18:30	33 14.2	-99 4.9	404.9	420.5	10348*	838	13.3	-11.7	-3.1	77.2	81.7	0.0	215.3	87.0	91.1	208.9
04:19:00	33 14.8	-99 2.1	118.1	-0.3	118.1	9976	89.5	1.7	-1.9	915.4	77.3	20.0	-0.6	-16.9	-18.9	0.2
04:19:00	33 14.1	-99 0.7	117.9	-1.3	117.9	469	89.3	1.6	-2.1	250.6	77.4	20.2	-1.5	11.3	11.3	0.0
04:19:00	33 14.2	-99 2.6	117.5	-1.3	117.5	838	0.0	18.8	-18.7	78.1	84.3	50.0	26.1	12.7	12.7	23.7
04:19:00	33 14.2	-99 2.6	404.6	420.2	10348*	838	13.7	-12.3	-3.4	77.6	82.1	0.0	215.8	87.1	91.3	209.3
04:19:30	33 14.8	-98 59.8	118.5	0.5	118.5	9976	89.2	1.7	-1.6	915.3	77.2	20.0	-0.6	-16.9	-18.9	0.2
04:19:30	33 14.1	-98 58.5	118.3	-0.6	118.3	481	88.9	1.5	-1.8	250.6	77.2	20.2	-1.4	11.4	11.4	0.0
04:19:30	33 14.2	-99 0.3	117.9	-0.6	117.9	837	0.1	19.1	-18.5	78.0	84.2	50.0	26.1	12.7	12.7	23.6
04:19:30	33 14.2	-99 0.3	404.7	420.3	10348*	838	13.5	-12.8	-3.5	77.5	82.0	0.0	215.7	86.8	90.8	209.2
04:20:00	33 14.8	-98 57.5	119.1	0.4	119.1	9976	89.2	1.6	-1.7	915.4	77.8	20.0	-0.7	-16.9	-18.9	0.2
04:20:00	33 14.1	-98 56.2	118.8	-0.7	118.8	482	89.2	1.4	-1.9	250.6	77.9	20.2	-1.6	11.2	11.2	0.0
04:20:00	33 14.2	-98 58.0	118.5	-0.7	118.5	837	0.1	17.6	-19.4	78.7	84.8	50.0	25.9	12.6	12.6	23.9
04:20:00	33 14.2	-98 58.1	404.5	420.1	10348*	837	13.1	-11.7	-3.2	78.1	82.5	0.0	216.5	86.9	90.9	209.9
04:20:30	33 14.8	-98 55.2	119.4	0.7	119.4	9976	89.3	1.6	-1.6	915.3	77.6	20.1	-0.5	-16.9	-18.9	0.2
04:20:30	33 14.1	-98 53.9	119.2	-0.4	119.2	504	89.4	1.4	-1.8	250.6	77.7	20.3	-1.4	11.3	11.3	0.0
04:20:30	33 14.2	-98 55.8	118.8	-0.4	118.8	837	0.1	18.9	-18.7	78.4	84.6	50.0	26.0	12.8	12.8	23.5
04:20:30	33 14.2	-98 55.8	404.7	420.3	10348*	837	13.6	-12.8	-3.5	77.9	82.4	0.0	216.2	87.2	90.3	209.7
04:21:00	33 14.9	-98 52.9	118.7	13.4	119.5	9976	82.1*	2.3	-26.1	915.8	78.8	20.1	-0.8	-16.9	-18.9	0.2
04:21:00	33 14.1	-98 51.6	118.4	12.3	119.0	504	81.8*	2.2	-26.3	250.6	78.9	20.3	-1.7	11.2	11.2	0.0
04:21:00	33 14.2	-98 53.5	118.2	11.8	118.8	836	0.0	24.2	-17.1	79.5	86.1	50.0	25.7	12.7	12.7	24.0
04:21:00	33 14.2	-98 53.5	404.4	419.9	10348*	836	14.2	-13.5	-3.9	79.1	83.1	0.0	217.9	81.2	91.7	211.1
04:21:30	33 16.0	-98 51.2	40.9	107.7	115.2	9976	19.6*	0.9*	-24.7	916.5	76.6	20.0	-0.4	-16.9	-18.9	0.2
04:21:30	33 15.2	-98 49.9	40.6	106.5	114.0	459	19.3*	0.8*	-24.9	250.6	76.7	20.3	-1.3	11.3	11.3	0.0
04:21:30	33 15.3	-98 51.8	40.7	105.4	112.9	832	0.1	18.0	-18.7	77.0	83.3	50.0	26.3	12.6	12.6	23.3
04:21:30	33 15.2	-98 51.8	404.9	420.6	10348*	833	14.2	-14.9	-4.4	76.9	80.8	0.0	214.9	18.4	93.4	208.6
04:22:00	33 17.8	-98 51.0	3.4	106.3	106.4	9976	1.8	1.8	-1.7	922.1	69.7	19.6	0.7	-16.9	-18.9	0.2
04:22:00	33 17.0	-98 49.7	3.1	105.1	105.1	416	1.6	1.7	-1.8	250.6	69.8	19.8	0.0	10.2	10.2	0.0
04:22:00	33 17.0	-98 51.6	2.8	105.2	105.3	774	0.0	22.7	-14.4	70.4	76.2	50.0	28.1	11.5	11.5	21.5
04:22:00	33 17.0	-98 51.6	406.5	422.2	10348*	778	13.5	-12.7	-3.4	70.0	74.1	0.0	205.2	0.2	93.8	200.1
04:22:30	33 19.4	-98 51.4	-72.3	74.5	103.9	9976	317.2*	2.9	-25.4	923.6	67.4	19.3	0.9	-16.9	-18.9	0.2
04:22:30	33 18.5	-98 50.1	-72.7	73.4	103.3	393	316.9*	2.7	-25.6	250.6	67.4	19.6	0.3	9.3	9.3	0.0
04:22:30	33 18.6	-98 52.0	-72.7	73.8	103.6	764	0.1	27.9	-11.4	68.1	74.1	50.0	28.7	10.6	10.6	21.1
04:22:30	33 18.6	-98 52.0	406.9	422.6	10348*	769	13.5	-15.0	-4.4	67.7	71.3	0.0	201.8	319.5	93.3	197.1
04:23:00	33 19.7	-98 53.3	-108.3	-10.4	108.8	9976	268.0	2.2	-1.0	923.1	68.2	19.5	0.9	-16.9	-18.9	0.2
04:23:00	33 18.9	-98 52.1	-108.8	-11.6	109.4	413	268.0	2.0	-1.1	250.6	68.2	19.7	0.3	9.7	9.7	0.0
04:23:00	33 19.0	-98 54.0	-109.0	-11.6	109.7	766	0.1	22.4	-14.0	69.2	74.8	50.0	28.5	11.1	11.1	21.2
04:23:00	33 19.0	-98 53.9	406.9	422.6	10348*	769	12.9	-11.3	-2.9	68.5	72.5	0.0	203.0	270.8	89.7	198.2

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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
04:23:30	33 19.6	-98 55.5	-110.6	-11.2	111.2	9976	267.7	2.1	-1.4	922.6	71.3	19.7	0.4	-16.9	-18.9	0.2
04:23:30	33 18.7	-98 54.2	-111.1	-12.3	111.8	408	267.8	1.9	-1.5	250.6	71.3	19.9	-0.3	9.5	9.5	0.0
04:23:30	33 18.8	-98 56.1	-111.4	-12.2	112.1	762	0.1	22.0	-15.2	72.4	78.1	50.0	27.7	11.3	11.3	21.9
04:23:30	33 18.8	-98 56.1	406.1	421.8	10348*	773	13.9	-9.3	-2.1	71.6	75.7	0.0	207.4	270.9	91.2	202.1
04:24:00	33 19.4	-98 57.6	-112.6	-6.8	112.8	9976	269.8*	1.9	7.1*	922.2	73.4	19.9	0.2	-16.9	-18.9	0.2
04:24:00	33 18.5	-98 56.4	-113.2	-8.0	113.4	432	269.6*	1.7	6.9*	250.6	73.5	20.2	-0.6	9.7	9.7	0.0
04:24:00	33 18.6	-98 58.3	-113.4	-8.2	113.7	764	0.1	20.6	-16.5	74.4	80.3	50.0	27.1	11.4	11.4	22.3
04:24:00	33 18.6	-98 58.2	405.8	421.5	10348*	774	12.6	-11.7	-2.9	73.8	78.5	0.0	210.5	271.5	92.1	204.8
04:24:30	33 19.4	-98 59.8	-113.9	0.8	113.9	9728*	273.0	1.9	-2.2	922.6	75.1	20.2	0.1	-16.9	-18.9	0.2
04:24:30	33 18.5	-98 58.6	-114.5	-0.4	114.5	408	272.8	1.7	-2.4	250.6	75.2	20.4	-0.7	10.5	10.5	0.0
04:24:30	33 18.6	-99 0.5	-114.7	-0.3	114.7	762	0.1	19.2	-17.6	76.0	82.0	50.0	26.7	12.1	12.1	22.5
04:24:30	33 18.6	-99 0.4	405.6	421.3	10348*	773	13.9	-12.0	-3.1	75.4	79.7	0.0	212.8	274.8	93.1	206.9
04:25:00	33 19.4	-99 2.0	-114.8	-1.0	114.8	8903*	272.5	1.7	-1.4	922.3	76.6	20.2	-0.3	-16.9	-18.9	0.2
04:25:00	33 18.5	-99 0.8	-115.4	-2.2	115.4	400	272.5	1.5	-1.6	250.6	76.7	20.4	-1.1	9.6	9.6	0.0
04:25:00	33 18.6	-99 2.7	-115.6	-2.2	115.6	758	0.1	18.5	-18.5	77.6	83.6	50.0	26.3	11.3	11.3	23.1
04:25:00	33 18.6	-99 2.7	405.1	420.8	10348*	774	13.2	-12.0	-3.1	76.9	81.4	0.0	214.9	274.8	94.0	208.6
04:25:30	33 19.4	-99 4.2	-115.8	1.9	115.8	8210	273.9	0.2	-0.9	922.9	77.8	20.3	-0.4	-16.9	-18.9	0.2
04:25:30	33 18.5	-99 3.0	-116.4	0.6	116.4	377	274.0	0.1	-1.0	250.6	77.8	20.5	-1.3	9.4	9.4	0.0
04:25:30	33 18.5	-99 4.9	-116.5	0.7	116.5	761	0.1	14.1	-20.8	78.8	84.7	50.0	26.0	10.9	10.9	23.4
04:25:30	33 18.5	-99 4.9	404.9	420.5	10348*	771	13.7	-10.7	-2.7	78.0	82.6	0.0	216.4	276.4	94.3	210.0
04:26:00	33 19.4	-99 6.5	-116.0	2.6	116.0	7688*	274.3	1.2	-1.2	924.3	78.0	20.4	-0.4	-16.9	-18.9	0.2
04:26:00	33 18.5	-99 5.3	-116.6	1.3	116.6	361	274.1	1.0	-1.4	250.6	78.1	20.6	-1.3	9.1	9.1	0.0
04:26:00	33 18.6	-99 7.2	-116.7	1.4	116.7	748	0.1	16.4	-19.9	79.0	85.0	50.0	25.9	10.4	10.4	23.3
04:26:00	33 18.6	-99 7.2	404.9	420.6	10348*	757	13.7	-10.5	-2.6	78.3	82.8	0.0	216.8	277.0	94.5	210.3
04:26:30	33 19.5	-99 8.7	-115.8	2.4	115.8	7348	274.4	1.5	-1.2	925.5	77.5	20.5	-0.2	-16.9	-18.9	0.2
04:26:30	33 18.5	-99 7.5	-116.5	1.1	116.5	342	274.2	1.4	-1.4	250.6	77.5	20.7	-1.1	9.2	9.2	0.0
04:26:30	33 18.6	-99 9.4	-116.5	1.2	116.5	738	0.1	17.0	-19.5	78.4	84.5	50.0	26.0	10.7	10.7	23.0
04:26:30	33 18.6	-99 9.4	405.2	420.9	10348*	746	13.2	-12.0	-3.1	77.8	82.4	0.0	216.1	277.0	94.1	209.7
04:27:00	33 19.5	-99 11.0	-116.3	-3.7	116.4	6920	271.2	1.7	-2.3	926.6	77.2	20.6	0.0	-16.9	-18.9	0.2
04:27:00	33 18.5	-99 9.8	-117.0	-5.0	117.1	317	271.2	1.5	-2.4	250.6	77.3	20.9	-0.9	9.5	9.5	0.0
04:27:00	33 18.6	-99 11.7	-117.1	-5.0	117.2	733	0.1	18.5	-18.7	78.1	84.3	50.0	26.1	11.4	11.4	22.6
04:27:00	33 18.6	-99 11.7	405.5	421.2	10348*	736	14.1	-13.3	-3.6	77.5	82.0	0.0	215.7	273.4	93.3	209.4
04:27:30	33 19.4	-99 13.2	-116.0	-5.0	116.1	6581	271.0	1.7	1.9	926.5	76.6	20.3	-0.2	-16.9	-18.9	0.2
04:27:30	33 18.4	-99 12.0	-116.7	-6.3	116.9	309	271.1	1.5	1.7	250.6	76.7	20.5	-1.1	8.6	8.6	0.0
04:27:30	33 18.5	-99 14.0	-116.8	-6.4	116.9	740	0.1	18.9	-18.3	77.6	83.7	50.0	26.3	10.2	10.2	23.0
04:27:30	33 18.5	-99 13.9	405.2	420.9	10348*	736	13.7	-11.5	-2.9	77.0	81.5	0.0	214.9	273.8	92.9	208.7
04:28:00	33 19.4	-99 15.4	-114.6	2.6	114.6	6752	273.9	3.4	-0.8	925.3	74.3	20.5	0.5	-16.9	-18.9	0.2
04:28:00	33 18.4	-99 14.3	-115.3	1.4	115.3	295	273.7	3.2	-1.0	250.6	74.3	20.7	-0.3	10.1	10.1	0.0
04:28:00	33 18.4	-99 16.2	-115.3	1.4	115.3	743	0.0	23.6	-15.6	75.2	81.3	50.0	26.9	11.5	11.5	21.8
04:28:00	33 18.5	-99 16.2	406.3	422.0	10348*	746	12.1	-13.1	-3.4	74.6	79.0	0.0	211.7	275.3	91.5	206.0

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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
04:28:30	33 19.5	-99 17.7	-115.2	3.1	115.2	6764*	274.4	2.0*	-1.8	925.4	75.8	20.4	0.2	-16.9	-18.9	0.2
04:28:30	33 18.4	-99 16.5	-115.9	1.8	115.9	266	274.1	1.9*	-1.9	250.6	75.8	20.7	-0.7	9.4	9.4	0.0
04:28:30	33 18.5	-99 18.4	-115.9	1.9	115.9	757	0.0	21.2	-17.0	76.7	82.8	50.0	26.5	11.0	11.0	22.4
04:28:30	33 18.5	-99 18.4	405.8	421.4	10348*	747	13.2	-12.5	-3.2	76.1	80.5	0.0	213.7	276.4	92.7	207.7
04:29:00	33 19.5	-99 19.8	-113.3	3.2	113.3	7024	274.2	1.9	-1.3	921.9	72.8	20.1	0.4	-16.9	-18.9	0.2
04:29:00	33 18.4	-99 18.7	-114.1	2.0	114.1	304	274.2	1.7	-1.4	250.6	72.8	20.3	-0.3	9.8	9.8	0.0
04:29:00	33 18.5	-99 20.6	-114.0	2.1	114.0	784	0.0	21.0	-16.1	73.6	79.6	50.0	27.3	11.3	11.3	21.9
04:29:00	33 18.5	-99 20.6	406.2	421.9	10348*	781	11.1	-12.6	-3.2	73.1	77.3	0.0	209.5	275.7	90.8	204.0
04:29:30	33 19.6	-99 22.0	-112.9	3.1	112.9	6759	274.1	3.0*	-1.2	920.0	71.7	19.9	0.5	-16.9	-18.9	0.2
04:29:30	33 18.5	-99 20.9	-113.7	1.9	113.7	335	274.1	2.8*	-1.4	250.6	71.8	20.1	-0.2	10.1	10.1	0.0
04:29:30	33 18.5	-99 22.8	-113.5	2.0	113.5	795	0.1	23.8	-14.6	72.8	78.8	50.0	27.6	11.7	11.7	21.8
04:29:30	33 18.5	-99 22.8	406.2	421.9	10348*	796	13.1	-12.6	-3.2	72.1	76.3	0.0	208.1	275.5	89.9	202.7
04:30:00	33 19.2	-99 24.2	-90.9	-78.0	119.7	7714*	229.7*	5.6	-25.6	897.4	80.5	20.2	-1.1	-16.9	-18.9	0.3
04:30:00	33 18.1	-99 23.1	-91.6	-79.3	121.2	575	229.4*	5.4	-25.8	250.6	80.6	20.4	-2.1	11.2	11.2	0.0
04:30:00	33 18.1	-99 25.0	-91.8	-78.9	121.0	1007	0.0	18.2	-20.3	81.7	88.3	50.0	25.2	12.8	12.8	24.6
04:30:00	33 18.2	-99 25.0	403.9	419.5	10348*	1007	12.6	-13.9	-4.1	80.8	85.0	0.0	220.2	230.6	93.0	213.1
04:30:30	33 17.4	-99 24.8	29.0	-119.0	122.5	9976	171.9*	6.4	-24.9	863.8	79.5	21.2	0.1	-16.9	-18.9	0.2
04:30:30	33 16.3	-99 23.7	28.2	-120.3	123.6	896	171.6*	6.1	-25.0	250.6	79.6	21.4	-0.9	9.6	9.6	0.0
04:30:30	33 16.3	-99 25.7	27.9	-120.3	123.5	1335	0.0	16.5	-20.6	80.5	87.1	50.0	25.5	11.6	11.6	22.5
04:30:30	33 16.4	-99 25.7	405.6	421.3	10348*	1326	13.8	-16.6	-4.9	79.7	84.2	0.0	218.8	179.4	90.7	212.3
04:31:00	33 15.9	-99 23.3	102.4	-71.2	124.8	9976	129.5	7.1	-1.1	828.5	64.7	18.9	1.2	-16.9	-18.9	0.2
04:31:00	33 14.7	-99 22.2	101.6	-72.6	124.9	1208	129.3	6.9	-1.2	250.6	64.8	19.2	0.6	5.9	5.9	0.0
04:31:00	33 14.8	-99 24.1	101.8	-72.4	125.0	1680	0.0	19.2	-14.3	65.9	71.4	50.0	29.4	7.8	7.8	20.8
04:31:00	33 14.9	-99 24.2	407.2	423.0	10348*	1678	13.5	-14.8	-4.2	64.9	69.1	0.0	197.9	135.0	68.9	193.5
04:31:30	33 14.8	-99 21.3	103.9	-73.5	127.3	9976	128.7	6.3*	-0.5	802.3	63.3	17.1	-0.3	-16.9	-18.9	0.2
04:31:30	33 13.6	-99 20.2	103.1	-74.9	127.4	1477	128.5	6.1*	-0.6	250.6	63.4	17.3	-0.8	4.5	4.5	0.0
04:31:30	33 13.7	-99 22.2	103.3	-74.7	127.5	1948	0.1	20.7	-13.2	64.5	69.9	50.0	29.8	5.9	5.9	23.1
04:31:30	33 13.7	-99 22.2	405.1	420.7	10348*	1947	13.3	-14.6	-4.2	63.5	67.6	0.0	195.8	132.1	63.8	191.1
04:32:00	33 13.5	-99 19.3	107.0	-79.9	133.5	9976	128.8	4.9	-0.9	782.2	66.5	16.2	-1.8	-16.9	-18.9	0.2
04:32:00	33 12.3	-99 18.2	106.1	-81.2	133.7	1690	128.9	4.7	-1.0	250.6	66.6	16.5	-2.3	1.8	1.8	0.0
04:32:00	33 12.4	-99 20.1	106.4	-81.0	133.7	2153	0.1	19.7	-14.5	67.4	73.1	50.0	29.0	3.5	3.5	25.8
04:32:00	33 12.4	-99 20.2	402.9	418.4	10348*	2157	11.3	-15.4	-4.4	66.7	70.9	0.0	200.5	129.5	61.4	195.0
04:32:30	33 12.2	-99 17.2	110.7	-85.2	139.7	9976	129.3	4.0	-1.2	764.4	73.2	15.3	-4.1	-16.9	-18.9	0.2
04:32:30	33 10.9	-99 16.1	109.9	-86.5	139.9	1870	129.2	3.8	-1.4	250.6	73.3	15.5	-4.8	0.4	0.4	0.0
04:32:30	33 11.0	-99 18.1	110.1	-86.4	140.0	2340	0.1	17.2	-17.9	73.9	79.8	50.0	27.2	1.8	1.8	30.9
04:32:30	33 11.0	-99 18.1	399.4	414.8	10348*	2346	12.4	-14.9	-4.2	73.4	77.8	0.0	210.1	130.0	63.0	202.8
04:33:00	33 10.8	-99 15.0	115.8	-86.0	144.2	9976	128.0	5.3	-1.8	747.1	80.0	14.9	-5.8	-16.9	-18.9	0.3
04:33:00	33 9.5	-99 14.0	114.9	-87.2	144.3	2077	127.8	5.2	-1.9	250.6	80.0	15.2	-6.8	-4.8	-5.4	0.0
04:33:00	33 9.6	-99 15.9	115.2	-87.1	144.4	2524	0.1	16.0	-20.6	80.5	87.0	50.0	25.4	-3.8	-4.3	35.2
04:33:00	33 9.6	-99 15.9	396.9	412.1	10348*	2529	13.0	-16.0	-4.7	80.1	85.1	0.0	219.4	128.1	66.0	210.5

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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
04:33:30	33 9.4	-99 12.8	113.3	-81.8	139.7	9976	128.4	5.8	-2.3	721.5	74.9	14.0	-5.7	-16.9	-18.9	0.2
04:33:30	33 8.1	-99 11.8	112.4	-83.1	139.8	2388	128.1	5.7	-2.4	250.6	74.9	14.2	-6.5	-9.5	-10.7	0.0
04:33:30	33 8.2	-99 13.7	112.6	-83.0	139.9	2813	0.1	16.0	-18.9	75.5	81.5	50.0	26.7	-7.6	-8.6	34.8
04:33:30	33 8.2	-99 13.7	397.1	412.3	10348*	2816	13.2	-13.6	-3.9	75.0	79.7	0.0	212.5	131.4	64.4	204.4
04:34:00	33 8.1	-99 10.5	118.7	-83.3	145.0	9976	127.9	3.5	-1.9	707.9	76.4	15.7	-4.4	-16.9	-18.9	0.2
04:34:00	33 6.8	-99 9.6	117.8	-84.6	145.0	2511	128.1	3.3	-2.1	250.6	76.5	15.9	-5.2	-14.9	-16.6	0.0
04:34:00	33 6.9

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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
04:38:30	32 55.3	-98 50.0	119.2	-90.1	149.4	9976	129.7	1.3	-1.4	704.7	82.1	17.3	-4.1	-16.9	-18.9	0.3
04:38:30	32 53.8	-98 49.2	118.3	-91.1	149.3	2647	129.6	1.1	-1.6	250.6	82.2	17.5	-5.1	-16.8	-18.8	0.0
04:38:30	32 53.9	-98 51.1	118.8	-91.0	149.6	3004	0.0	14.2	-21.7	82.4	88.6	50.0	24.8	-14.6	-16.4	30.8
04:38:30	32 54.0	-98 51.1	399.5	414.8	10348*	3011	14.3	-11.7	-3.3	82.3	87.2	0.0	222.2	133.9	64.7	213.8
04:39:00	32 53.8	-98 47.7	120.2	-91.1	150.8	9976	129.7	1.2	-1.5	704.6	84.1	17.6	-4.2	-16.9	-18.9	0.3
04:39:00	32 52.4	-98 46.9	119.3	-92.1	150.7	2632	129.5	1.0	-1.6	250.6	84.2	17.8	-5.3	-16.1	-18.0	0.0
04:39:00	32 52.5	-98 48.8	119.8	-92.0	151.1	3005	0.1	12.4	-23.2	84.4	90.6	50.0	24.3	-14.2	-15.9	31.1
04:39:00	32 52.5	-98 48.8	399.3	414.6	10348*	3012	14.5	-11.0	-3.1	84.3	89.3	0.0	224.9	134.0	65.6	216.1
04:39:30	32 52.4	-98 45.4	120.8	-91.7	151.6	9976	129.7	1.1	-1.4	704.4	86.0	17.8	-4.4	-16.9	-18.9	0.3
04:39:30	32 50.9	-98 44.6	119.9	-92.7	151.5	2610	129.4	0.9	-1.5	250.6	86.1	18.0	-5.5	-15.0	-16.8	0.0
04:39:30	32 51.0	-98 46.5	120.4	-92.6	151.9	3006	0.1	12.1	-23.9	86.2	92.5	50.0	23.9	-13.0	-14.6	31.5
04:39:30	32 51.0	-98 46.5	399.0	414.4	10348*	3014	14.2	-11.4	-3.2	86.1	91.3	0.0	227.3	133.7	66.8	218.2
04:40:00	32 50.9	-98 43.1	121.4	-91.9	152.3	9976	129.8	1.0	-1.5	704.1	86.7	18.1	-4.3	-16.9	-18.9	0.2
04:40:00	32 49.4	-98 42.3	120.5	-92.8	152.1	2658	129.9	0.9	-1.6	250.6	86.7	18.3	-5.4	-14.8	-16.6	0.0
04:40:00	32 49.5	-98 44.1	121.0	-92.8	152.5	3005	0.1	12.5	-24.0	86.9	93.2	50.0	23.7	-12.9	-14.4	31.2
04:40:00	32 49.5	-98 44.2	399.2	414.5	10348*	3017	13.7	-12.0	-3.4	86.8	92.1	0.0	228.2	134.1	67.1	219.0
04:40:30	32 49.4	-98 40.8	121.4	-92.5	152.6	9976	129.7	1.0	-1.3	704.1	86.9	18.1	-4.3	-16.9	-18.9	0.2
04:40:30	32 47.8	-98 40.0	120.5	-93.4	152.4	2625	129.6	0.9	-1.5	250.6	86.9	18.3	-5.4	-14.9	-16.6	0.0
04:40:30	32 48.0	-98 41.8	121.0	-93.3	152.8	3004	0.1	11.4	-24.5	87.1	93.4	50.0	23.6	-12.9	-14.5	31.3
04:40:30	32 48.0	-98 41.8	399.2	414.5	10348*	3018	14.5	-11.9	-3.3	87.0	92.3	0.0	228.4	133.6	66.9	219.2
04:41:00	32 47.9	-98 38.4	120.4	-91.7	151.4	9976	129.7	1.3	-1.4	701.8	85.2	17.8	-4.3	-16.9	-18.9	0.2
04:41:00	32 46.3	-98 37.7	119.6	-92.5	151.2	2644	129.5	1.2	-1.6	250.6	85.3	18.0	-5.4	-15.1	-16.8	0.0
04:41:00	32 46.5	-98 39.5	120.1	-92.5	151.6	3031	0.1	13.3	-23.1	85.4	91.7	50.0	24.0	-13.1	-14.7	31.3
04:41:00	32 46.5	-98 39.5	399.2	414.5	10348*	3045	13.5	-11.9	-3.4	85.4	90.5	0.0	226.3	133.5	66.2	217.3
04:41:30	32 46.4	-98 36.1	120.9	-93.2	152.7	9976	129.6	1.1	0.6*	703.0	86.7	17.9	-4.5	-16.9	-18.9	0.2
04:41:30	32 44.8	-98 35.4	120.0	-94.0	152.5	2612	129.3	1.0	0.5*	250.6	86.8	18.1	-5.6	-16.4	-18.4	0.0
04:41:30	32 45.0	-98 37.2	120.6	-94.0	152.9	3017	0.0	11.2	-24.5	87.1	93.2	50.0	23.7	-14.1	-15.8	31.7
04:41:30	32 45.0	-98 37.2	398.9	414.2	10348*	3031	14.4	-9.9	-2.7	86.9	92.1	0.0	228.2	132.6	66.5	219.0
04:42:00	32 44.7	-98 34.0	108.8	-106.5	152.2	9976	136.8	1.1	-3.0	703.0	86.9	17.9	-4.5	-16.9	-18.9	0.2
04:42:00	32 43.2	-98 33.3	107.9	-107.3	152.2	2607	137.0	0.9	-3.2	250.6	86.9	18.1	-5.7	-16.8	-18.8	0.0
04:42:00	32 43.3	-98 35.0	108.4	-107.4	152.6	3020	0.1	11.5	-24.4	87.1	93.4	50.0	23.6	-14.5	-16.3	31.8
04:42:00	32 43.3	-98 35.1	398.8	414.2	10348*	3031	13.9	-11.2	-3.1	87.0	92.2	0.0	228.4	140.9	67.1	219.1
04:42:30	32 43.0	-98 31.9	109.8	-105.9	152.6	9976	136.4	0.9	-1.3	702.7	88.3	17.8	-4.8	-16.9	-18.9	0.2
04:42:30	32 41.4	-98 31.2	109.0	-106.6	152.5	2627	136.3	0.7	-1.4	250.6	88.4	18.0	-6.0	-17.0	-19.0	0.0
04:42:30	32 41.6	-98 32.9	109.6	-106.6	152.9	3025	0.0	10.7	-25.2	88.6	94.8	50.0	23.3	-14.6	-16.3	32.6
04:42:30	32 41.6	-98 33.0	398.3	413.6	10348*	3033	13.4	-11.0	-3.0	88.5	93.9	0.0	230.3	140.5	68.4	220.6
04:43:00	32 41.3	-98 29.7	110.0	-106.3	152.9	9976	136.7	1.0	-1.7	702.7	90.3	17.7	-5.3	-16.9	-18.9	0.2
04:43:00	32 39.7	-98 29.1	109.2	-106.9	152.8	2611	136.5	0.8	-1.8	250.6	90.4	17.9	-6.6	-16.3	-18.2	0.0
04:43:00	32 39.8	-98 30.8	109.7	-107.0	153.2	3020	0.1	10.0	-26.1	90.5	96.8	50.0	22.8	-14.1	-15.8	33.9
04:43:00	32 39.8	-98 30.9	397.6	412.9	10348*	3034	13.5	-11.8	-3.2	90.4	96.0	0.0	232.8	141.0	70.1	222.7

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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
04:43:30	32 39.6	-98 27.6	110.2	-105.9	152.8	9976	136.6	0.9	-1.4	702.7	89.3	17.5	-5.3	-16.9	-18.9	0.2
04:43:30	32 38.0	-98 27.0	109.4	-106.6	152.7	2663	136.3	0.8	-1.6	250.6	89.3	17.7	-6.6	-17.0	-19.0	0.0
04:43:30	32 38.1	-98 28.7	109.9	-106.6	153.2	3016	0.1	10.4	-25.7	89.5	95.7	50.0	23.0	-14.5	-16.2	33.9
04:43:30	32 38.1	-98 28.8	397.6	412.9	10348*	3034	13.7	-11.2	-3.0	89.4	94.9	0.0	231.5	141.1	69.0	221.5
04:44:00	32 37.9	-98 25.5	110.0	-105.5	152.4	9976	136.6	1.0	-1.5	702.8	89.5	17.6	-5.3	-16.9	-18.9	0.2
04:44:00	32 36.3	-98 24.9	109.2	-106.1	152.3	2697	136.7	0.8	-1.6	250.6	89.6	17.7	-6.5	-16.7	-18.6	0.0
04:44:00	32 36.4	-98 26.6	109.8	-106.2	152.8	3024	0.1	10.6	-25.7	89.7	96.0	50.0	23.0	-14.4	-16.2	33.8
04:44:00	32 36.4	-98 26.7	397.7	412.9	10348*	3034	14.9	-11.0	-3.0	89.6	95.1	0.0	231.8	141.2	69.7	221.8
04:44:30	32 36.2	-98 23.4	110.2	-105.3	152.4	9976	136.4	1.0	-1.5	702.7	89.7	17.2	-5.7	-16.9	-18.9	0.2
04:44:30	32 34.5	-98 22.8	109.4	-105.8	152.2	2721	136.3	0.8	-1.6	250.6	89.8	17.4	-6.9	-17.1	-19.1	0.0
04:44:30	32 34.7	-98 24.5	110.0	-105.9	152.7	3029	0.1	10.0	-25.9	90.0	96.2	50.0	22.9	-14.8	-16.5	34.8
04:44:30	32 34.7	-98 24.6	397.1	412.4	10348*	3035	15.2	-11.1	-3.0	89.8	95.4	0.0	232.0	141.0	69.8	221.8
04:45:00	32 34.5	-98 21.3	110.5	-104.7	152.3	9976	136.2	1.1	-1.2	702.9	88.9	17.0	-5.7	-16.9	-18.9	0.2
04:45:00	32 32.8	-98 20.7	109.8	-105.2	152.1	2716	136.0	0.9	-1.4	250.6	88.9	17.1	-7.0	-19.5	-21.7	0.0
04:45:00	32 32.9	-98 22.4	110.4	-105.3	152.6	3028	0.1	10.5	-25.4	89.0	95.3	50.0	23.1	-17.4	-19.4	35.0
04:45:00	32 33.0	-98 22.4	397.0	412.2	10348*	3033	14.3	-12.2	-3.3	88.9	94.4	0.0	230.9	140.6	69.0	220.8
04:45:30	32 32.8	-98 19.2	110.2	-105.0	152.2	9976	136.3	1.1	-1.6	702.9	87.8	17.3	-5.2	-16.9	-18.9	0.2
04:45:30	32 31.1	-98 18.6	109.5	-105.5	152.0	2726	136.0	1.0	-1.7	250.6	87.8	17.5	-6.4	-17.5	-19.6	0.0
04:45:30	32 31.2	-98 20.3	110.1	-105.6	152.6	3029	0.0	11.1	-24.9	88.0	94.2	50.0	23.4	-15.2	-17.0	33.6
04:45:30	32 31.2	-98 20.3	397.8	413.1	10348*	3034	14.1	-11.9	-3.3	87.9	93.2	0.0	229.6	140.6	68.0	219.8
04:46:00	32 31.0	-98 17.1	110.1	-105.4	152.4	9976	136.1	1.1	-1.2	703.0	86.9	17.5	-4.9	-16.9	-18.9	0.2
04:46:00	32 29.4	-98 16.5	109.4	-105.8	152.2	2712	136.3	1.0	-1.4	250.6	87.0	17.6	-6.1	-17.2	-19.1	0.0
04:46:00	32 29.5	-98 18.2	110.0	-106.0	152.8	3029	0.1	11.5	-24.4	87.2	93.4	50.0	23.6	-14.6	-16.4	32.8
04:46:00	32 29.5	-98 18.2	398.2	413.5	10348*	3033	14.2	-10.8	-2.9	87.1	92.4	0.0	228.5	140.1	66.9	219.0
04:46:30	32 29.3	-98 15.0	110.1	-105.5	152.5	9976	136.4	1.0	-1.4	702.8	88.1	17.7	-4.9	-16.9	-18.9	0.2
04:46:30	32 27.7	-98 14.4	109.4	-105.9	152.3	2697	136.3	0.8	-1.6	250.6	88.2	17.9	-6.1	-17.8	-19.8	0.0
04:46:30	32 27.8	-98 16.1	110.1	-106.1	152.8	3032	0.1	11.0	-25.1	88.3	94.6	50.0	23.3	-15.4	-17.2	32.8
04:46:30	32 27.8	-98 16.1	398.2	413.5	10348*	3036	14.9	-11.7	-3.2	88.3	93.6	0.0	230.0	140.6	68.2	220.4
04:47:00	32 27.6	-98 12.9	111.5	-107.1	154.6	9976	136.2	4.3	-1.4	698.9	91.1	17.8	-5.4	-16.9	-18.9	0.2
04:47:00	32 25.9	-98 12.3	110.9	-107.4	154.4	2669	136.0	4.1	-1.5	250.6	91.2	18.0	-6.7	-17.9	-19.9	0.0
04:47:00	32 26.1	-98 14.0	111.5	-107.6	154.9	3072	0.1	7.3	-27.7	91.9	97.9	50.0	22.6	-15.9	-17.7	34.1
04:47:00	32 26.1	-98 14.0	397.5	412.8	10348*	3077	15.2	-9.9	-2.6	91.1	97.1	0.0	233.8	140.5	68.9	223.5
04:47:30	32 25.9	-98 10.8	107.5	-104.0	149.6	9976	135.8	4.6	-1.9	678.2	80.2	15.0	-5.8	-16.9	-18.9	0.2
04:47:30	32 24.2	-98 10.2	106.9	-104.3	149.3	2968	135.5	4.4	-2.0	250.6	80.3	15.2	-6.7	-17.5	-19.5	0.0
04:47:30	32 24.3	-98 11.9	107.5	-104.5	149.9	3327	0.1	12.8	-21.8	80.7	86.7	50.0	25.3	-15.0	-16.8	35.1
04:47:30	32 24.4	-98 11.9	396.9	412.2	10348*	3327	14.7	-12.1	-3.4	80.3	85.4	0.0	219.7	137.9	61.1	210.8
04:48:00	32 24.2	-98 8.7	107.4	-100.8	147.3	9976	136.0	4.6	-1.5	659.8	75.4	13.1	-6.6	-16.9	-18.9	0.2
04:48:00	32 22.6	-98 8.2	106.9	-101.1	147.1	3221	136.1	4.4	-1.7	250.6	75.4	13.3	-7.4	-15.9	-17.8	0.0
04:48:00	32 22.7	-98 9.8	107.4	-101.2	147.6	3548	0.1	15.7	-19.1	75.9	81.7	50.0	26.6	-14.5	-16.3	37.4
04:48:00	32 22.7	-98 9.9	395.7	410.9	10348*	3552	13.9	-11.7	-3.3	75.6	80.3	0.0	213.2	140.8	57.5	204.7

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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
04:48:30	32 22.6	-98 6.7	109.3	-97.8	146.8	9976	136.1	4.6	-1.9	642.7	72.1	11.7	-7.2	-16.9	-18.9	0.2
04:48:30	32 21.0	-98 6.2	108.7	-98.0	146.3	3393	136.0	4.5	-2.0	250.6	72.1	11.9	-7.9	-18.7	-20.9	0.0
04:48:30	32 21.1	-98 7.8	109.2	-98.1	146.8	3762	0.1	17.5	-17.1	72.5	78.1	50.0	27.5	-16.4	-18.3	39.3
04:48:30	32 21.1	-98 7.8	394.8	409.9	10348*	3766	14.9	-12.7	-3.6	72.3	76.7	0.0	208.5	144.8	54.5	200.2
04:49:00	32 21.1	-98 4.6	110.5	-96.4	146.6	9976	136.2	4.6	-1.8	627.4	69.5	11.4	-7.0	-16.9	-18.9	0.2
04:49:00	32 19.4	-98 4.1	109.9	-96.5	146.3	3635	136.0	4.4	-1.9	250.6	69.6	11.7	-7.6	-21.4	-23.7	0.0
04:49:00	32 19.5	-98 5.7	110.4	-96.7	146.8	3958	0.1	19.0	-15.6	69.8	75.4	50.0	28.1	-18.7	-20.8	38.4
04:49:00	32 19.5	-98 5.7	395.2	410.3	10348*	3961	14.8	-13.6	-3.8	69.7	74.0	0.0	204.9	147.3	51.9	197.1
04:49:30	32 19.5	-98 2.4	110.9	-96.7	147.2	9976	136.1	4.3	-1.6	613.4	66.0	10.1	-7.4	-16.9	-18.9	0.2
04:49:30	32 17.8	-98 2.0	110.4	-96.8	146.8	3800	135.8	4.1	-1.7	250.6	66.1	10.4	-7.9	-21.9	-24.3	0.0
04:49:30	32 17.9	-98 3.6	110.9	-97.0	147.3	4138	0.1	18.5	-14.7	66.4	71.7	50.0	29.1	-18.5	-20.7	39.7
04:49:30	32 17.9	-98 3.6	394.6	409.7	10348*	4146	15.3	-13.0	-3.7	66.2	70.3	0.0	199.8	148.2	46.6	192.3
04:50:00	32 17.9	-98 0.3	114.1	-98.8	150.9	9976	136.0	3.5*	-1.4	603.3	68.0	9.4	-8.5	-16.9	-18.9	0.3
04:50:00	32 16.2	-97 59.8	113.6	-98.9	150.6	3919	136.1	3.3*	-1.6	250.6	68.0	9.7	-9.0	-21.4	-23.8	0.0
04:50:00	32 16.3	-98 1.4	114.1	-99.0	151.1	4272	0.1	17.8	-15.6	68.1	73.6	50.0	28.6	-18.4	-20.5	43.3
04:50:00	32 16.3	-98 1.4	392.9	408.0	10348*	4279	15.6	-13.9	-4.0	68.2	72.3	0.0	202.7	148.9	45.2	194.5
04:50:30	32 16.3	-97 58.1	120.3	-106.1	160.4	9976	136.1	1.4	-1.6	601.9	78.8	10.6	-9.7	-16.9	-18.9	0.3
04:50:30	32 14.6	-97 57.6	119.8	-106.1	160.0	3993	136.0	1.2	-1.7	250.6	78.9	10.8	-10.5	-21.4	-23.8	0.0
04:50:30	32 14.7	-97 59.2	120.3	-106.3	160.5	4288	0.1	15.0	-20.0	78.4	84.4	50.0	25.7	-18.5	-20.6	47.5
04:50:30	32 14.7	-97 59.2	391.2	406.1	10348*	4296	14.3	-13.8	-3.9	79.0	83.6	0.0	217.8	148.3	48.9	207.6
04:51:00	32 14.5	-97 55.7	121.6	-107.7	162.4	9976	136.4	1.2	-1.7	601.8	81.4	11.3	-9.5	-16.9	-18.9	0.3
04:51:00	32 12.8	-97 55.3	121.2	-107.6	162.1	3978	136.2	1.1	-1.9	250.6	81.4	11.5	-10.4	-22.2	-24.7	0.0
04:51:00	32 12.9	-97 56.9	121.6	-107.9	162.6	4292	0.1	13.7	-21.4	80.9	87.0	50.0	25.0	-18.8	-20.9	46.9
04:51:00	32 12.9	-97 56.9	391.5	406.4	10348*	4297	15.2	-14.2	-4.0	81.5	86.3	0.0	221.3	149.0	50.1	210.8
04:51:30	32 12.8	-97 53.4	122.5	-108.1	163.3	9976	136.2	1.1	-1.7	601.7	82.4	11.6	-9.4	-16.9	-18.9	0.3
04:51:30	32 11.1	-97 53.0	122.1	-108.0	163.0	3931	135.9	0.9	-1.8	250.6	82.5	11.8	-10.4	-22.9	-25.4	0.0
04:51:30	32 11.2	-97 54.5	122.5	-108.2	163.5	4291	0.1	13.1	-22.0	82.1	88.1	50.0	24.8	-19.6	-21.8	46.7
04:51:30	32 11.2	-97 54.6	391.5	406.5	10348*	4298	15.0	-12.6	-3.5	82.6	87.5	0.0	222.7	148.9	50.5	212.0
04:52:00	32 11.0	-97 51.1	122.4	-109.2	164.0	9976	136.0	1.1	-1.5	601.6	84.1	11.4	-9.9	-16.9	-18.9	0.3
04:52:00	32 9.3	-97 50.6	122.0	-109.1	163.7	3908	136.1	0.9	-1.6	250.6	84.2	11.6	-11.0	-22.0	-24.4	0.0
04:52:00	32 9.4	-97 52.2	122.5	-109.4	164.2	4287	0.1	12.5	-22.8	83.8	89.8	50.0	24.3	-19.0	-21.2	48.6
04:52:00	32 9.4	-97 52.2	390.8	405.7	10348*	4298	15.1	-11.5	-3.1	84.3	89.3	0.0	224.9	147.4	51.2	213.7
04:52:30	32 9.2	-97 48.7	122.4	-109.5	164.2	9976	136.1	1.0	-1.6	601.5	84.9	11.6	-9.9	-16.9	-18.9	0.3
04:52:30	32 7.6	-97 48.3	122.1	-109.3	163.9	3917	136.0	0.8	-1.7	250.6	85.0	11.8	-11.0	-22.1	-24.5	0.0
04:52:30	32 7.6	-97 49.9	122.5	-109.5	164.4	4290	0.1	11.4	-23.5	84.6	90.6	50.0	24.1	-19.1	-21.3	48.4
04:52:30	32 7.6	-97 49.9	390.8	405.8	10348*	4300	15.6	-11.7	-3.2	85.0	90.2	0.0	225.9	147.6	51.9	214.7
04:53:00	32 7.4	-97 46.4	119.9	-112.2	164.2	9976	137.4	1.1	2.3	601.5	85.4	11.6	-10.0	-16.9	-18.9	0.3
04:53:00	32 5.8	-97 46.0	119.6	-112.0	163.8	3967	137.2	0.9	2.1	250.6	85.4	11.8	-11.1	-22.1	-24.6	0.0
04:53:00	32 5.8	-97 47.5	120.1	-112.2	164.3	4289	0.1	11.4	-23.6	85.0	91.1	50.0	24.0	-19.1	-21.3	48.8
04:53:00	32 5.9	-97 47.6	390.7	405.6	10348*	4299	15.8	-12.4	-3.3	85.5	90.8	0.0	226.5	148.0	52.3	215.2

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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
04:53:30	32 5.6	-97 44.2	112.1	-119.0	163.5	9976	141.2	1.0	-0.5	601.4	85.4	11.6	-10.0	-16.9	-18.9	0.3
04:53:30	32 3.9	-97 43.8	111.8	-118.7	163.1	3989	141.0	0.9	-0.6	250.6	85.4	11.8	-11.0	-22.3	-24.7	0.0
04:53:30	32 4.0	-97 45.4	112.3	-119.0	163.6	4288	0.0	11.5	-23.6	85.1	91.1	50.0	24.0	-19.2	-21.4	48.7
04:53:30	32 4.0	-97 45.4	390.7	405.7	10348*	4301	15.4	-11.3	-3.0	85.5	90.7	0.0	226.5	152.9	53.3	215.2
04:54:00	32 3.6	-97 42.1	114.4	-116.7	163.5	9976	139.9	1.1	-2.7	601.6	85.0	11.7	-9.9	-16.9	-18.9	0.3
04:54:00	32 2.0	-97 41.7	114.2	-116.4	163.1	3983	140.0

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
04:58:30	31 46.9	-97 22.1	116.8	-114.0	163.2	9976	138.9	1.1	-1.5	601.5	85.2	12.2	-9.4	-16.9	-18.9	0.3
04:58:30	31 45.3	-97 21.7	116.9	-113.3	162.8	4089	138.7	0.9	-1.7	250.6	85.3	12.4	-10.5	-26.7	-29.6	0.0
04:58:30	31 45.3	-97 23.2	117.2	-113.6	163.2	4291	0.1	11.4	-23.6	84.9	90.9	50.0	24.1	-23.1	-25.7	46.7
04:58:30	31 45.3	-97 23.2	391.5	406.5	10348*	4303	16.2	-11.7	-3.1	85.3	90.6	0.0	226.3	150.6	53.6	215.2
04:59:00	31 45.0	-97 19.9	116.5	-113.7	162.8	9976	138.7	1.1	-1.6	601.5	85.6	12.4	-9.3	-16.9	-18.9	0.3
04:59:00	31 43.5	-97 19.5	116.6	-112.9	162.3	4123	138.5	0.9	-1.7	250.6	85.7	12.6	-10.4	-27.5	-30.4	0.0
04:59:00	31 43.5	-97 21.0	116.9	-113.2	162.7	4290	0.0	11.0	-23.9	85.4	91.3	50.0	24.0	-23.6	-26.2	46.1
04:59:00	31 43.5	-97 21.0	391.8	406.7	10348*	4304	16.8	-10.7	-2.8	85.7	91.0	0.0	226.8	150.0	54.5	215.7
04:59:30	31 43.2	-97 17.7	114.9	-114.5	162.3	9976	139.6	1.1	-0.5	601.5	85.5	12.4	-9.3	-16.9	-18.9	0.3
04:59:30	31 41.6	-97 17.3	115.1	-113.8	161.8	4106	139.3	1.0	-0.6	250.6	85.5	12.6	-10.4	-26.7	-29.5	0.0
04:59:30	31 41.6	-97 18.8	115.4	-114.0	162.2	4288	0.1	11.2	-23.7	85.2	91.1	50.0	24.0	-23.0	-25.5	46.2
04:59:30	31 41.7	-97 18.8	391.7	406.7	10348*	4303	17.0	-11.7	-3.1	85.6	90.9	0.0	226.6	151.2	55.0	215.6
05:00:00	31 41.3	-97 15.5	113.1	-115.6	161.8	9976	140.2	1.1	-1.2	601.5	84.4	12.4	-9.0	-16.9	-18.9	0.3
05:00:00	31 39.8	-97 15.2	113.4	-114.8	161.4	4125	140.4	0.9	-1.4	250.6	84.4	12.6	-10.1	-26.5	-29.3	0.0
05:00:00	31 39.8	-97 16.6	113.6	-115.1	161.7	4299	0.1	11.7	-23.2	84.1	90.0	50.0	24.3	-23.2	-25.8	45.2
05:00:00	31 39.8	-97 16.6	392.1	407.1	10348*	4303	17.1	-11.8	-3.2	84.5	89.7	0.0	225.2	151.8	54.3	214.4
05:00:30	31 39.4	-97 13.4	112.5	-116.1	161.7	9976	140.6	1.2	-1.4	601.6	83.9	12.4	-9.0	-16.9	-18.9	0.3
05:00:30	31 37.9	-97 13.0	112.8	-115.2	161.3	4119	140.5	1.0	-1.5	250.6	84.0	12.6	-10.0	-26.0	-28.8	0.0
05:00:30	31 37.9	-97 14.5	113.1	-115.5	161.6	4297	0.1	11.9	-23.0	83.7	89.6	50.0	24.4	-23.3	-25.9	45.1
05:00:30	31 37.9	-97 14.5	392.2	407.2	10348*	4303	16.9	-11.4	-3.0	84.0	89.2	0.0	224.6	152.7	53.9	213.9
05:01:00	31 37.6	-97 11.3	112.6	-116.3	161.9	9976	140.9	1.2	-1.6	601.6	84.0	12.5	-8.9	-16.9	-18.9	0.3
05:01:00	31 36.0	-97 10.9	112.9	-115.4	161.5	4131	140.7	1.0	-1.7	250.6	84.0	12.7	-10.0	-25.5	-28.2	0.0
05:01:00	31 36.0	-97 12.3	113.1	-115.7	161.8	4298	0.1	12.2	-22.9	83.7	89.6	50.0	24.4	-23.5	-26.1	44.9
05:01:00	31 36.1	-97 12.3	392.3	407.3	10348*	4303	17.9	-12.0	-3.3	84.1	89.3	0.0	224.7	153.6	54.0	214.0
05:01:30	31 35.7	-97 9.1	112.1	-116.5	161.7	9976	140.7	1.1	-1.3	601.6	83.7	12.6	-8.8	-16.9	-18.9	0.3
05:01:30	31 34.2	-97 8.7	112.4	-115.6	161.2	4120	140.5	1.0	-1.5	250.6	83.8	12.8	-9.8	-23.8	-26.4	0.0
05:01:30	31 34.2	-97 10.2	112.6	-115.9	161.6	4298	0.1	11.7	-23.0	83.4	89.4	50.0	24.4	-22.4	-24.9	44.3
05:01:30	31 34.2	-97 10.2	392.5	407.5	10348*	4303	18.1	-11.5	-3.1	83.8	89.0	0.0	224.3	152.6	53.7	213.7
05:02:00	31 33.8	-97 7.0	112.4	-117.1	162.3	9976	140.7	1.1	-1.5	601.6	83.7	12.3	-9.0	-16.9	-18.9	0.3
05:02:00	31 32.3	-97 6.6	112.8	-116.1	161.9	4143	140.9	0.9	-1.6	250.6	83.7	12.5	-10.1	-25.2	-27.9	0.0
05:02:00	31 32.3	-97 8.0	113.0	-116.4	162.2	4300	0.1	12.0	-22.8	83.4	89.3	50.0	24.4	-23.4	-26.0	45.3
05:02:00	31 32.3	-97 8.1	392.1	407.1	10348*	4304	18.8	-11.4	-3.1	83.8	88.9	0.0	224.3	152.6	52.9	213.6
05:02:30	31 31.9	-97 4.9	112.2	-116.9	162.0	9082*	140.9	1.3	-1.5	601.7	83.8	12.6	-8.8	-16.9	-18.9	0.3
05:02:30	31 30.4	-97 4.5	112.6	-115.9	161.6	4159	140.8	1.1	-1.7	250.6	83.9	12.8	-9.8	-26.3	-29.1	0.0
05:02:30	31 30.4	-97 5.9	112.8	-116.2	161.9	4301	0.1	12.1	-22.8	83.5	89.4	50.0	24.4	-25.0	-27.7	44.4
05:02:30	31 30.4	-97 5.9	392.4	407.5	10348*	4304	17.9	-11.5	-3.1	83.9	89.1	0.0	224.4	153.0	53.6	213.8
05:03:00	31 30.0	-97 2.8	112.2	-117.1	162.2	9976	140.7	1.1	-1.5	601.6	84.4	12.3	-9.1	-16.9	-18.9	0.3
05:03:00	31 28.5	-97 2.3	112.7	-116.1	161.8	4158	140.5	0.9	-1.6	250.6	84.4	12.5	-10.2	-27.3	-30.1	0.0
05:03:00	31 28.5	-97 3.8	112.8	-116.3	162.0	4303	0.1	11.6	-23.2	84.1	90.0	50.0	24.3	-23.9	-26.5	45.6
05:03:00	31 28.5	-97 3.8	392.0	407.0	10348*	4305	18.6	-11.7	-3.1	84.5	89.7	0.0	225.2	152.3	53.8	214.4

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
05:03:30	31 28.1	-97 0.7	111.8	-117.0	161.8	9976	140.9	1.1	-1.5	601.6	84.2	12.5	-9.0	-16.9	-18.9	0.3
05:03:30	31 26.6	-97 0.2	112.3	-116.0	161.4	4181	140.7	1.0	-1.7	250.6	84.3	12.7	-10.0	-26.3	-29.1	0.0
05:03:30	31 26.6	-97 1.6	112.4	-116.2	161.7	4306	0.1	11.0	-23.4	83.9	89.8	50.0	24.3	-25.5	-28.2	45.0
05:03:30	31 26.6	-97 1.7	392.2	407.2	10348*	4307	17.5	-11.9	-3.2	84.3	89.6	0.0	225.0	152.5	54.0	214.2
05:04:00	31 26.2	-96 58.5	111.7	-116.7	161.5	9976	140.9	1.1	-1.4	601.6	84.1	12.6	-8.8	-16.9	-18.9	0.3
05:04:00	31 24.8	-96 58.1	112.2	-115.7	161.2	4180	141.0	1.0	-1.6	250.6	84.1	12.8	-9.9	-27.6	-30.5	0.0
05:04:00	31 24.7	-96 59.5	112.4	-115.9	161.4	4305	0.1	11.8	-23.1	83.8	89.7	50.0	24.3	-26.2	-29.0	44.5
05:04:00	31 24.8	-96 59.5	392.4	407.4	10348*	4307	18.2	-11.5	-3.1	84.2	89.4	0.0	224.8	152.6	54.3	214.2
05:04:30	31 24.3	-96 56.4	111.3	-117.2	161.6	9976	141.0	1.0	-0.9	601.5	84.8	12.4	-9.1	-16.9	-18.9	0.3
05:04:30	31 22.9	-96 56.0	111.8	-116.2	161.3	4196	140.9	0.8	-1.1	250.6	84.8	12.6	-10.2	-27.7	-30.6	0.0
05:04:30	31 22.9	-96 57.4	112.0	-116.4	161.5	4307	0.1	11.3	-23.5	84.5	90.5	50.0	24.2	-26.0	-28.8	45.5
05:04:30	31 22.9	-96 57.4	392.0	407.0	10348*	4309	17.8	-12.2	-3.3	84.9	90.2	0.0	225.7	152.2	54.7	214.8
05:05:00	31 22.4	-96 54.3	111.4	-117.1	161.6	8874*	140.7	1.1	-1.3	601.6	84.5	12.4	-9.1	-16.9	-18.9	0.3
05:05:00	31 21.0	-96 53.9	112.0	-116.0	161.3	4174	140.5	0.9	-1.5	250.6	84.5	12.6	-10.1	-27.3	-30.2	0.0
05:05:00	31 21.0	-96 55.3	112.1	-116.3	161.5	4304	0.1	11.8	-23.2	84.2	90.1	50.0	24.2	-26.2	-29.0	45.4
05:05:00	31 21.0	-96 55.3	392.1	407.1	10348*	4309	16.2	-11.4	-3.1	84.6	89.8	0.0	225.3	151.5	54.3	214.5
05:05:30	31 20.5	-96 52.2	111.3	-117.0	161.5	7760*	140.9	1.1	-1.7	601.6	84.8	12.6	-9.0	-16.9	-18.9	0.3
05:05:30	31 19.1	-96 51.7	111.9	-115.9	161.1	4154	140.7	1.0	-1.9	250.6	84.8	12.7	-10.1	-27.7	-30.6	0.0
05:05:30	31 19.1	-96 53.2	112.0	-116.1	161.3	4306	0.1	11.3	-23.6	84.5	90.5	50.0	24.2	-26.0	-28.8	45.1
05:05:30	31 19.1	-96 53.2	392.2	407.2	10348*	4310	16.1	-11.7	-3.2	84.9	90.2	0.0	225.7	152.0	54.9	214.9
05:06:00	31 18.6	-96 50.1	111.0	-116.4	160.9	6837*	140.8	1.1	-1.6	601.6	84.6	12.7	-8.8	-16.9	-18.9	0.3
05:06:00	31 17.2	-96 49.6	111.7	-115.3	160.5	4195	141.0	1.0	-1.7	250.6	84.7	12.9	-9.9	-28.2	-31.1	0.0
05:06:00	31 17.2	-96 51.0	111.8	-115.5	160.7	4309	0.1	11.4	-23.4	84.3	90.3	50.0	24.2	-25.8	-28.6	44.6
05:06:00	31 17.2	-96 51.1	392.4	407.4	10348*	4311	16.7	-11.9	-3.2	84.7	90.0	0.0	225.5	151.7	55.3	214.7
05:06:30	31 16.7	-96 48.0	110.9	-116.8	161.0	6096*	140.8	1.0	-1.5	601.6	84.3	12.5	-9.0	-16.9	-18.9	0.3
05:06:30	31 15.4	-96 47.5	111.6	-115.7	160.7	4170	140.6	0.8	-1.6	250.6	84.4	12.7	-10.0	-27.5	-30.4	0.0
05:06:30	31 15.3	-96 48.9	111.6	-115.8	160.9	4306	0.0	11.5	-23.3	84.0	90.0	50.0	24.3	-26.3	-29.1	45.0
05:06:30	31 15.4	-96 49.0	392.2	407.2	10348*	4313	15.1	-12.0	-3.2	84.5	89.7	0.0	225.2	151.1	54.7	214.4
05:07:00	31 14.8	-96 45.9	110.6	-117.1	161.0	9692*	140.7	1.1	-1.5	601.7	84.2	12.5	-9.0	-16.9	-18.9	0.3
05:07:00	31 13.5	-96 45.4	111.3	-115.9	160.7	4182	140.5	1.0	-1.7	250.6	84.3	12.7	-10.0	-27.8	-30.7	0.0
05:07:00	31 13.5	-96 46.8	111.3	-116.1	160.9	4302	0.0	11.3	-23.3	83.9	89.9	50.0	24.3	-26.4	-29.2	45.1
05:07:00	31 13.5	-96 46.9	392.2	407.2	10348*	4312	18.1	-11.6	-3.1	84.4	89.6	0.0	225.0	150.8	54.5	214.3
05:07:30	31 12.9	-96 43.9	110.6	-117.1	161.1	9976	140.9	1.1	-1.5	601.5	85.1	12.5	-9.1	-16.9	-18.9	0.3
05:07:30	31 11.6	-96 43.3	111.3	-116.0	160.8	4183	140.6	0.9	-1.6	250.6	85.2	12.7	-10.2	-28.1	-31.0	0.0
05:07:30	31 11.6	-96 44.7	111.3	-116.1	160.9	4306	0.1	11.1	-23.7	84.8	90.8	50.0	24.1	-26.4	-29.2	45.7
05:07:30	31 11.6	-96 44.8	391.9	406.9	10348*	4315	18.4	-11.7	-3.1	85.2	90.6	0.0	226.2	151.0	55.4	215.2
05:08:00	31 11.0	-96 41.8	110.6	-117.1	161.1	9976	140.8	1.0	-1.4	601.6	84.6	12.4	-9.2	-16.9	-18.9	0.3
05:08:00	31 9.7	-96 41.2	111.4	-116.0	160.8	4171	140.9	0.9	-1.6	250.6	84.7	12.5	-10.2	-28.8	-31.8	0.0
05:08:00	31 9.7	-96 42.6	111.4	-116.1	160.9	4308	0.1	11.3	-23.5	84.3	90.2	50.0	24.2	-27.5	-30.4	45.7
05:08:00	31 9.7	-96 42.7	391.9	406.9	10348*	4315	17.3	-11.3	-3.0	84.7	90.0	0.0	225.5	151.0	54.8	214.6

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
05:08:30	31 9.1	-96 39.7	110.9	-116.8	161.0	9186*	140.9	1.1	-1.5	601.5	85.5	12.2	-9.4	-16.9	-18.9	0.3
05:08:30	31 7.9	-96 39.1	111.7	-115.6	160.7	4153	140.7	0.9	-1.7	250.6	85.6	12.4	-10.5	-30.2	-33.2	0.0
05:08:30	31 7.8	-96 40.5	111.7	-115.7	160.8	4311	0.1	10.8	-23.9	85.3	91.2	50.0	24.0	-28.2	-31.1	46.7
05:08:30	31 7.8	-96 40.6	391.5	406.5	10348*	4316	18.5	-11.2	-2.9	85.6	91.0	0.0	226.7	151.6	56.0	215.5
05:09:00	31 7.2	-96 37.6	113.0	-114.7	161.0	9170*	139.5	1.1	-2.2	601.6	84.8	12.2	-9.4	-16.9	-18.9	0.3
05:09:00	31 6.0	-96 37.0	113.8	-113.5	160.7	4174	139.3	1.0	-2.4	250.6	84.9	12.4	-10.4	-29.9	-32.9	0.0
05:09:00	31 5.9	-96 38.4	113.8	-113.6	160.8	4310	0.1	11.0	-23.6	84.6	90.5	50.0	24.1	-28.1	-31.0	46.5
05:09:00	31 6.0	-96 38.4	391.6	406.6	10348*	4314	17.9	-11.2	-3.0	85.0	90.2	0.0	225.8	149.7	55.1	214.8
05:09:30	31 5.4	-96 35.4	113.7	-113.8	160.9	9976	138.9	1.1	-1.4	601.6	84.0	12.3	-9.1	-16.9	-18.9	0.3
05:09:30	31 4.2	-96 34.8	114.6	-112.6	160.7	4184	138.7	0.9	-1.6	250.6	84.1	12.5	-10.1	-29.9	-33.0	0.0
05:09:30	31 4.1	-96 36.3	114.5	-112.7	160.7	4312	0.1	11.6	-23.2	83.7	89.7	50.0	24.4	-28.0	-31.0	45.5
05:09:30	31 4.1	-96 36.3	392.0	407.0	10348*	4313	18.7	-11.9	-3.2	84.2	89.4	0.0	224.8	148.4	54.2	214.0
05:10:00	31 3.5	-96 33.3	114.3	-114.1	161.5	9976	139.0	1.0	-1.6	601.5	85.0	11.9	-9.6	-16.9	-18.9	0.3
05:10:00	31 2.3	-96 32.7	115.2	-112.9	161.3	4171	139.1	0.8	-1.8	250.6	85.0	12.1	-10.7	-30.1	-33.1	0.0
05:10:00	31 2.3	-96 34.1	115.0	-113.0	161.2	4314	0.0	11.1	-23.6	84.6	90.6	50.0	24.1	-27.6	-30.5	47.4
05:10:00	31 2.3	-96 34.1	391.2	406.2	10348*	4314	18.1	-11.6	-3.1	85.1	90.3	0.0	226.0	148.8	54.5	214.8
05:10:30	31 1.7	-96 31.1	114.2	-114.2	161.5	9976	138.8	1.1	-1.4	601.6	84.5	12.3	-9.2	-16.9	-18.9	0.3
05:10:30	31 0.5	-96 30.5	115.1	-113.0	161.3	4180	138.7	0.9	-1.6	250.6	84.6	12.5	-10.2	-29.7	-32.7	0.0
05:10:30	31 0.4	-96 31.9	115.0	-113.1	161.2	4312	0.1	11.2	-23.5	84.3	90.2	50.0	24.2	-28.4	-31.4	45.7
05:10:30	31 0.5	-96 32.0	391.9	406.9	10348*	4313	15.8	-11.5	-3.1	84.6	90.0	0.0	225.4	148.1	54.1	214.5
05:11:00	30 59.8	-96 29.0	114.1	-114.7	161.8	9976	138.8	1.0	-1.4	601.6	84.6	12.4	-9.1	-16.9	-18.9	0.3
05:11:00	30 58.7	-96 28.3	115.1	-113.5	161.6	4151	138.6	0.9	-1.6	250.6	84.6	12.6	-10.1	-30.5	-33.6	0.0
05:11:00	30 58.6	-96 29.8	114.9	-113.5	161.5	4313	0.0	11.2	-23.5	84.3	90.2	50.0	24.2	-28.7	-31.6	45.4
05:11:00	30 58.6	-96 29.8	392.1	407.1	10348*	4314	15.1	-11.4	-3.0	84.7	90.0	0.0	225.4	148.0	53.8	214.6
05:11:30	30 58.0	-96 26.8	114.2	-114.9	162.1	9976	138.9	1.0	-1.4	601.6	84.5	12.1	-9.4	-16.9	-18.9	0.3
05:11:30	30 56.8	-96 26.2	115.2	-113.8	161.9	4156	138.6	0.8	-1.6	250.6	84.6	12.3	-10.4	-30.6	-33.7	0.0
05:11:30	30 56.8	-96 27.6	115.0	-113.8	161.8	4314	0.1	11.0	-23.5	84.2	90.1	50.0	24.2	-27.8	-30.7	46.6
05:11:30	30 56.8	-96 27.6	391.6	406.5	10348*	4314	15.5	-11.6	-3.1	84.6	89.9	0.0	225.4	148.1	53.4	214.4
05:12:00	30 56.1	-96 24.7	114.2	-115.2	162.2	9976	138.8	1.1	-1.4	601.7	84.2	12.0	-9.4	-16.9	-18.9	0.3
05:12:00	30 55.0	-96 24.0	115.2	-114.0	162.1	4202	139.0	0.9	-1.6	250.6	84.3	12.2	-10.5	-29.5	-32.5	0.0
05:12:00	30 54.9	-96 25.5	114.9	-114.1	161.9	4313	0.1	11.1	-23.4	83.9	89.8	50.0	24.3	-27.8	-30.8	46.7
05:12:00	30 54.9	-96 25.5	391.5	406.5	10348*	4314	14.5	-11.6	-3.1	84.3	89.6	0.0	225.0	147.7	52.7	214.0
05:12:30	30 54.2	-96 22.5	113.9	-115.5	162.2	9976	138.7	1.1	-1.4	601.7	84.8	12.6	-9.0	-16.9	-18.9	0.3
05:12:30	30 53.1	-96 21.9	114.9	-114.3	162.1	4172	138.6	1.0	-1.6	250.6	84.9	12.8	-10.0	-30.1	-33.2	0.0
05:12:30	30 53.1	-96 23.3	114.6	-114.4	161.9	4314	0.1	11.2	-23.6	84.5	90.5	50.0	24.2	-28.9	-31.9	45.0
05:12:30	30 53.1	-96 23.3	392.2	407.2	10348*	4313	13.8	-10.9	-2.9	84.9	90.2	0.0	225.8	146.9	53.5	214.9
05:13:00	30 52.4	-96 20.4	113.7	-115.7	162.2	9976	138.9	1.0	-1.4	601.6	85.4	12.9	-8.8	-16.9	-18.9	0.3
05:13:00	30 51.3	-96 19.7	114.7	-114.5	162.1	4181	138.7	0.8	-1.6	250.6	85.5	13.1	-9.9	-30.3	-33.4	0.0
05:13:00	30 51.2	-96 21.1	114.4	-114.5	161.9	4315	0.0	10.4	-24.1	85.1	91.1	50.0	24.0	-28.1	-31.0	44.5
05:13:00	30 51.2	-96 21.2	392.4	407.4	10348*	4316	13.2	-11.9	-3.2	85.5	90.9	0.0	226.5	146.8	54.2	215.7

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
05:13:30	30 50.5	-96 18.3	113.5	-116.2	162.5	9976	138.9	1.1	-1.4	601.7	85.1	12.7	-8.9	-16.9	-18.9	0.3
05:13:30	30 49.4	-96 17.5	114.6	-115.0	162.3	4187	138.6	1.0	-1.6	250.6	85.1	12.9	-10.0	-30.5	-33.6	0.0
05:13:30	30 49.4	-96 19.0	114.3	-115.0	162.1	4314	0.0	11.1	-23.7	84.8	90.8	50.0	24.1	-28.7	-31.6	44.8
05:13:30	30 49.4	-96 19.0	392.3	407.3	10348*	4315	13.4	-11.5	-3.1	85.2	90.5	0.0	226.1	146.6	53.5	215.3
05:14:00	30 48.6	-96 16.1	113.3	-116.1	162.2	9976	139.0	1.0	-1.5	601.6	85.4	12.9	-8.8	-16.9	-18.9	0.3
05:14:00	30 47.5	-96 15.4	114.4	-114.9	162.1	4186	139.1

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
05:18:30	30 31.8	-95 56.8	117.1	-111.2	161.4	9976	136.1	0.9	-1.6	601.6	86.5	11.9	-9.9	-16.9	-18.9	0.3
05:18:30	30 30.9	-95 55.9	118.2	-110.2	161.6	4174	136.0	0.7	-1.7	250.6	86.5	12.1	-11.0	-29.7	-32.8	0.0
05:18:30	30 30.8	-95 57.4	117.6	-110.0	161.0	4315	0.1	9.4	-24.9	86.2	92.1	50.0	23.7	-26.8	-29.7	48.4
05:18:30	30 30.9	-95 57.5	390.8	405.8	10348*	4323	17.9	-11.2	-3.0	86.5	92.0	0.0	227.9	141.6	55.4	216.5
05:19:00	30 30.0	-95 54.6	117.2	-110.9	161.4	9976	136.1	1.0	-1.6	601.7	85.6	12.3	-9.4	-16.9	-18.9	0.3
05:19:00	30 29.1	-95 53.7	118.3	-110.0	161.5	4193	135.9	0.8	-1.7	250.6	85.7	12.5	-10.5	-29.1	-32.1	0.0
05:19:00	30 29.1	-95 55.2	117.7	-109.8	160.9	4316	0.1	10.2	-24.2	85.3	91.2	50.0	24.0	-28.0	-30.9	46.6
05:19:00	30 29.1	-95 55.3	391.5	406.5	10348*	4323	17.9	-11.8	-3.2	85.7	91.1	0.0	226.8	141.9	54.7	215.7
05:19:30	30 28.2	-95 52.5	117.1	-111.1	161.4	9976	136.0	0.9	-1.5	601.6	85.8	12.0	-9.7	-16.9	-18.9	0.3
05:19:30	30 27.3	-95 51.5	118.2	-110.2	161.6	4206	135.7	0.8	-1.6	250.6	85.8	12.2	-10.8	-29.7	-32.8	0.0
05:19:30	30 27.3	-95 53.0	117.6	-110.0	161.0	4319	0.1	10.2	-24.3	85.6	91.5	50.0	23.9	-27.4	-30.2	47.9
05:19:30	30 27.3	-95 53.1	391.1	406.0	10348*	4324	17.4	-11.1	-3.0	85.9	91.3	0.0	227.0	141.4	54.7	215.7
05:20:00	30 26.4	-95 50.3	116.9	-110.9	161.1	9976	136.2	1.0	-1.6	601.5	87.1	12.1	-9.9	-16.9	-18.9	0.3
05:20:00	30 25.5	-95 49.3	117.9	-110.0	161.3	4214	136.3	0.8	-1.7	250.6	87.1	12.3	-11.0	-28.9	-31.9	0.0
05:20:00	30 25.5	-95 50.8	117.3	-109.8	160.7	4320	0.1	10.1	-24.7	86.8	92.8	50.0	23.6	-27.3	-30.1	48.3
05:20:00	30 25.5	-95 50.9	390.9	405.8	10348*	4325	17.4	-11.3	-3.0	87.2	92.6	0.0	228.7	142.0	56.5	217.1
05:20:30	30 24.6	-95 48.1	116.9	-110.5	160.8	9976	136.1	1.0	-1.5	601.7	86.0	12.0	-9.8	-16.9	-18.9	0.3
05:20:30	30 23.7	-95 47.1	117.9	-109.6	161.0	4209	136.0	0.9	-1.6	250.6	86.1	12.2	-10.9	-29.0	-32.0	0.0
05:20:30	30 23.7	-95 48.6	117.3	-109.4	160.4	4316	0.0	10.1	-24.4	85.8	91.7	50.0	23.8	-27.2	-30.1	47.9
05:20:30	30 23.7	-95 48.7	391.0	406.0	10348*	4324	17.6	-11.5	-3.0	86.1	91.5	0.0	227.3	141.9	55.6	216.0
05:21:00	30 22.8	-95 45.9	116.7	-110.7	160.8	9976	136.1	1.1	-1.5	601.7	85.7	12.2	-9.5	-16.9	-18.9	0.3
05:21:00	30 22.0	-95 44.9	117.8	-109.8	161.0	4226	135.9	0.9	-1.6	250.6	85.8	12.4	-10.6	-29.4	-32.5	0.0
05:21:00	30 21.9	-95 46.5	117.1	-109.5	160.3	4314	0.0	10.2	-24.3	85.4	91.4	50.0	23.9	-28.1	-31.1	47.0
05:21:00	30 22.0	-95 46.5	391.4	406.4	10348*	4324	17.9	-11.5	-3.1	85.8	91.2	0.0	226.9	141.7	55.3	215.7
05:21:30	30 21.2	-95 43.5	145.5	-70.7	161.8	9976	117.1	0.7	-4.6*	601.9	85.9	12.3	-9.4	-16.9	-18.9	0.3
05:21:30	30 20.4	-95 42.5	146.6	-69.8	162.4	4224	116.8	0.5	-4.8*	250.6	86.0	12.5	-10.6	-30.3	-33.3	0.0
05:21:30	30 20.4	-95 44.1	146.0	-69.5	161.7	4315	0.0	10.5	-24.2	85.3	91.6	50.0	23.9	-28.3	-31.3	46.8
05:21:30	30 20.4	-95 44.1	391.5	406.5	10348*	4324	18.0	-14.9	-4.2	86.0	91.2	0.0	227.2	118.0	54.2	216.0
05:22:00	30 20.1	-95 40.8	139.5	-69.0	155.6	9976	117.6	-1.0	-2.1	605.3	79.8	11.9	-8.6	-16.9	-18.9	0.3
05:22:00	30 19.3	-95 39.8	140.6	-68.2	156.3	4150	117.6	-1.2	-2.2	250.6	79.9	12.1	-9.6	-30.2	-33.3	0.0
05:22:00	30 19.3	-95 41.4	140.0	-67.9	155.6	4269	0.1	15.6	-19.9	78.9	84.9	50.0	25.4	-28.1	-31.0	43.9
05:22:00	30 19.3	-95 41.4	392.7	407.7	10348*	4280	18.4	-13.0	-3.6	80.0	84.7	0.0	219.2	118.7	53.3	209.2
05:22:30	30 19.0	-95 38.3	134.0	-66.1	149.4	9976	117.5	-2.4	-2.5	623.3	74.9	13.1	-6.5	-16.9	-18.9	0.3
05:22:30	30 18.2	-95 37.2	135.0	-65.3	150.0	3930	117.5	-2.6	-2.6	250.6	75.0	13.3	-7.3	-29.5	-32.5	0.0
05:22:30	30 18.2	-95 38.8	134.4	-65.0	149.3	4035	0.0	18.5	-17.2	74.5	80.0	50.0	26.7	-27.1	-29.9	37.2
05:22:30	30 18.2	-95 38.9	395.8	411.0	10348*	4047	15.8	-9.5	-2.5	75.2	79.4	0.0	212.6	119.3	54.0	204.1
05:23:00	30 17.9	-95 35.8	134.7	-63.7	149.0	9976	117.5	-2.8	-2.4	647.1	76.9	14.5	-5.6	-16.9	-18.9	0.3
05:23:00	30 17.1	-95 34.7	135.7	-63.0	149.6	3643	117.2	-2.9	-2.6	250.6	77.0	14.8	-6.4	-27.0	-29.9	0.0
05:23:00	30 17.1	-95 36.3	135.1	-62.7	149.0	3731	0.1	17.4	-18.5	76.5	82.2	50.0	26.2	-22.7	-25.2	34.5
05:23:00	30 17.2	-95 36.4	397.2	412.5	10348*	3742	17.3	-8.9	-2.4	77.2	81.6	0.0	215.3	121.9	57.4	206.9

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
05:23:30	30 16.9	-95 33.3	137.0	-57.3	148.5	9976	115.2	-2.8	-2.7	672.0	79.7	16.0	-4.8	-16.9	-18.9	0.3
05:23:30	30 16.2	-95 32.1	138.0	-56.6	149.2	3356	114.9	-3.0	-2.8	250.6	79.8	16.3	-5.7	-24.1	-26.7	0.0
05:23:30	30 16.2	-95 33.8	137.4	-56.3	148.5	3423	0.1	16.1	-19.9	79.4	85.2	50.0	25.5	-20.7	-23.1	32.4
05:23:30	30 16.2	-95 33.8	398.4	413.8	10348*	3433	18.9	-8.5	-2.3	80.0	84.5	0.0	219.1	120.2	61.8	210.7
05:24:00	30 16.0	-95 30.7	136.0	-56.7	147.4	9976	113.8	-2.9	-1.3	697.3	79.5	18.2	-2.7	-16.9	-18.9	0.3
05:24:00	30 15.3	-95 29.6	137.1	-56.0	148.1	3070	113.8	-3.0	-1.4	250.6	79.6	18.4	-3.6	-22.9	-25.4	0.0
05:24:00	30 15.3	-95 31.2	136.6	-55.6	147.5	3120	0.1	16.1	-20.0	79.3	85.2	50.0	25.5	-20.7	-23.0	27.7
05:24:00	30 15.3	-95 31.2	401.5	417.0	10348*	3129	17.7	-9.6	-2.7	79.8	84.3	0.0	218.8	115.2	63.1	211.3
05:24:30	30 15.1	-95 28.2	133.2	-58.0	145.3	9976	114.0	-2.8	-2.1	722.2	84.4	18.0	-3.9	-16.9	-18.9	0.3
05:24:30	30 14.3	-95 27.0	134.2	-57.4	146.0	2785	114.0	-3.0	-2.2	250.6	84.5	18.2	-5.0	-5.6	-6.3	0.0
05:24:30	30 14.4	-95 28.7	133.7	-57.1	145.4	2828	0.0	13.3	-22.8	84.5	90.4	50.0	24.2	-5.4	-6.1	30.4
05:24:30	30 14.4	-95 28.7	399.7	415.1	10348*	2838	17.9	-7.1	-1.9	84.7	89.6	0.0	225.3	114.4	70.6	216.6
05:25:00	30 14.1	-95 25.7	131.9	-56.6	143.5	9976	113.6	-2.8	-1.7	748.0	82.8	20.1	-1.7	-16.9	-18.9	0.3
05:25:00	30 13.4	-95 24.5	132.9	-56.0	144.2	2510	113.4	-3.0	-1.8	250.6	82.8	20.3	-2.7	-3.7	-4.2	0.0
05:25:00	30 13.4	-95 26.2	132.4	-55.7	143.6	2535	0.1	14.6	-21.8	82.8	88.8	50.0	24.7	-2.4	-2.7	25.6
05:25:00	30 13.5	-95 26.2	403.1	418.6	10348*	2547	18.3	-8.1	-2.2	83.0	87.8	0.0	223.1	113.7	71.3	215.5
05:25:30	30 13.2	-95 23.3	129.2	-55.1	140.5	9976	113.3	-2.7	-1.7	773.4	81.7	22.3	0.6	-16.9	-18.9	0.3
05:25:30	30 12.5	-95 22.1	130.2	-54.6	141.2	2242	113.0	-2.9	-1.9	250.6	81.8	22.5	-0.4	0.1	0.1	0.0
05:25:30	30 12.5	-95 23.8	129.7	-54.2	140.6	2254	0.0	14.9	-21.4	81.9	87.8	50.0	24.9	1.6	1.6	21.6
05:25:30	30 12.6	-95 23.8	406.4	422.1	10348*	2268	16.6	-7.4	-1.9	82.0	86.8	0.0	221.7	113.2	74.0	215.2
05:26:00	30 12.4	-95 20.9	125.1	-52.0	135.5	9976	113.2	-1.8	-2.2	795.9	78.2	24.0	2.9	-16.9	-18.9	0.3
05:26:00	30 11.7	-95 19.7	126.1	-51.5	136.2	1971	113.2	-2.0	-2.4	250.6	78.3	24.2	2.0	1.9	1.9	0.0
05:26:00	30 11.7	-95 21.4	125.7	-51.1	135.7	2016	0.0	17.7	-19.2	78.6	84.3	50.0	25.8	4.2	4.2	18.2
05:26:00	30 11.7	-95 21.4	409.9	425.7	10348*	2026	16.4	-7.2	-1.8	78.6	83.1	0.0	217.1	113.8	75.8	211.8
05:26:30	30 11.5	-95 18.6	125.4	-51.0	135.4	9976	113.0	0.7	-1.0	804.8	77.2	24.4	3.5	-16.9	-18.9	0.3
05:26:30	30 10.8	-95 17.3	126.4	-50.6	136.1	1883	113.1	0.6	-1.1	250.6	77.3	24.6	2.6	5.2	5.2	0.0
05:26:30	30 10.9	-95 19.0	125.9	-50.2	135.5	1921	0.1	12.5	-21.3	78.4	83.8	50.0	26.1	7.0	7.0	17.4
05:26:30	30 10.9	-95 19.1	410.8	426.7	10348*	1931	15.7	-5.9	-1.4	77.5	82.3	0.0	215.7	114.3	75.4	210.8
05:27:00	30 10.7	-95 16.2	127.2	-52.9	137.7	9976	113.6	1.5	-0.7	806.4	79.4	24.7	3.3	-16.9	-18.9	0.3
05:27:00	30 10.0	-95 15.0	128.1	-52.5	138.4	1881	113.4	1.3	-0.8	250.6	79.5	24.9	2.4	5.4	5.4	0.0
05:27:00	30 10.1	-95 16.7	127.6	-52.0	137.8	1902	0.1	14.4	-21.2	80.3	86.1	50.0	25.5	7.7	7.7	17.7
05:27:00	30 10.1	-95 16.7	410.4	426.3	10348*	1912	15.8	-8.9	-2.3	79.7	84.7	0.0	218.7	114.4	75.7	213.4
05:27:30	30 9.8	-95 13.8	127.3	-54.2	138.4	9976	114.3	1.3	-1.3	806.0	80.5	24.8	3.2	-16.9	-18.9	0.3
05:27:30	30 9.1	-95 12.6	128.2	-53.8	139.1	1877	114.0	1.1	-1.4	250.6	80.6	25.0	2.2	5.7	5.7	0.0
05:27:30	30 9.2	-95 14.3	127.8	-53.4	138.5	1912	0.0	14.1	-21.6	81.2	87.2	50.0	25.3	7.1	7.1	17.9
05:27:30	30 9.2	-95 14.3	410.2	426.1	10348*	1918	15.8	-11.5	-3.1	80.7	85.6	0.0	220.1	114.9	76.3	214.7
05:28:00	30 9.0	-95 11.5	127.7	-54.6	138.9	9976	114.3	1.1	-1.1	805.9	81.3	24.7	3.0	-16.9	-18.9	0.3
05:28:00	30 8.3	-95 10.2	128.6	-54.2	139.6	1883	114.3	1.0	-1.2	250.6	81.4	24.9	2.0	5.5	5.5	0.0
05:28:00	30 8.3	-95 11.9	128.1	-53.8	139.0	1915	0.0	11.5	-23.0	82.2	88.0	50.0	25.1	7.8*	7.8*	18.2
05:28:00	30 8.3	-95 11.9	409.9	425.8	10348*	1919	16.0	-10.3	-2.8	81.5	86.7	0.0	221.2	115.2	76.7	215.6

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TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
05:28:30	30 8.1	-95 9.1	126.1	-54.4	137.3	9976	114.8	1.3	-1.7	806.1	79.6	24.9	3.5	-16.9	-18.9	0.3
05:28:30	30 7.4	-95 7.8	126.9	-54.1	138.0	1894	114.8	1.1	-1.8	250.6	79.6	25.2	2.6	5.5	5.5	0.0
05:28:30	30 7.5	-95 9.5	126.5	-53.7	137.4	1911	0.0	15.7	-20.5	79.9	86.1	50.0	25.5	5.7	5.7	17.4
05:28:30	30 7.5	-95 9.5	410.8	426.7	10348*	1917	16.0	-13.4	-3.7	79.8	84.6	0.0	218.9	115.4	76.4	213.7
05:29:00	30 7.2	-95 6.8	122.9	-52.7	133.7	9976	114.6	1.6	-1.6	806.5	74.5	24.8	4.5	-16.9	-18.9	0.3
05:29:00	30 6.5	-95 5.4	123.7	-52.5	134.4	1878	114.4	1.4	-1.8	250.6	74.5	25.0	3.7	3.2	3.2	0.0
05:29:00	30 6.6	-95 7.2	123.2	-52.1	133.7	1907	0.1	17.5	-18.1	75.2	80.8	50.0	26.8	5.1	5.1	16.3
05:29:00	30 6.6	-95 7.2	412.2	428.2	10348*	1914	16.1	-10.8	-2.8	74.8	79.3	0.0	211.9	115.5	74.0	207.7
05:29:30	30 6.4	-95 4.5	120.8	-50.5	130.9	9976	114.3	1.7	-1.9	806.7	72.3	24.1	4.3	-16.9	-18.9	0.3
05:29:30	30 5.7	-95 3.2	121.5	-50.3	131.5	1894	114.0	1.5	-2.0	250.6	72.4	24.3	3.5	4.8	4.8	0.0
05:29:30	30 5.8	-95 4.9	121.0	-50.0	130.9	1904	0.1	18.2	-17.1	73.1	78.5	50.0	27.4	7.1	7.1	16.5
05:29:30	30 5.8	-95 4.9	411.9	427.9	10348*	1914	17.0	-10.3	-2.8	72.7	77.1	0.0	209.0	115.6	74.1	204.9
05:30:00	30 5.5	-95 2.3	110.7	-61.6	126.7	9976	122.5*	2.6	25.1	806.1	66.5	23.8	5.3	-16.9	-18.9	0.2
05:30:00	30 4.9	-95 0.9	111.5	-61.5	127.3	1878	122.6*	2.5	25.0	250.6	66.6	24.0	4.7	4.9	4.9	0.0
05:30:00	30 5.0	-95 2.7	111.4	-60.5	126.7	1906	0.0	28.8	-10.6	67.1	72.8	50.0	29.0	6.8	6.8	15.4
05:30:00	30 5.0	-95 2.7	413.4	429.4	10348*	1911	16.2	-11.5	-2.9	66.9	71.6	0.0	200.6	122.5	70.9	197.5
05:30:30	30 3.9	-95 1.1	15.6	-119.7	120.7	9976	176.6	-3.1	1.3	828.0	72.0	25.4	5.6	-16.9	-18.9	0.2
05:30:30	30 3.3	-94 59.8	16.3	-119.5	120.6	1661	176.4	-3.2	1.2	250.6	72.1	25.7	4.9	6.5	6.5	0.0
05:30:30	30 3.4	-95 1.6	15.8	-119.1	120.1	1690	0.0	20.1	-15.9	72.1	77.7	50.0	27.5	8.9	8.9	15.0
05:30:30	30 3.4	-95 1.6	413.9	429.9	10348*	1694	17.1	-9.2	-2.5	72.4	76.2	0.0	208.5	181.1	83.9	205.0
05:31:00	30 2.0	-95 0.9	3.3	-116.3	116.4	9976	180.6*	0.3	16.5*	848.0	68.6	24.6	5.6	-16.9	-18.9	0.2
05:31:00	30 1.3	-94 59.5	4.0	-116.2	116.3	1470	180.4*	0.2	16.3*	250.6	68.6	24.9	5.0	9.6	9.6	0.0
05:31:00	30 1.4	-95 1.3	3.9	-116.0	116.0	1486	0.1	8.5	-20.2	69.2	74.2	50.0	28.4	11.9	11.9	15.0
05:31:00	30 1.4	-95 1.3	413.9	430.0	10348*	1488	16.6	-6.9	-1.6	68.7	73.0	0.0	203.6	181.8	84.1	200.4
05:31:30	30 0.6	-95 1.8	-75.1	-54.9	93.0	9976	235.2	-1.2*	-3.7	853.4	47.1	22.2	8.4	-16.9	-18.9	0.2
05:31:30	29 59.9	-95 0.4	-74.5	-54.8	92.5	1425	235.3	-1.4*	-3.8	250.6	47.1	22.6	8.4	7.7	7.7	0.0
05:31:30	29 60.0	-95 2.2	-75.2	-54.3	92.7	1442	0.1	18.0	-8.8	47.2	51.3	50.0	34.5	9.9	9.9	12.3
05:31:30	30 0.0	-95 2.2	418.0	434.3	10348*	1447	18.3	-7.9	-2.2	47.4	50.0	0.0	169.3	235.6	75.6	169.1
05:32:00	30 0.1	-95 3.3	-83.3	4.5	83.4	9976	272.3	0.2*	2.4	872.6	39.1	22.2	10.6	-16.9	-18.9	0.2
05:32:00	29 59.4	-95 1.9	-82.7	4.5	82.8	1233	272.1	0.0*	2.2	250.6	39.1	22.6	10.7	8.9	8.9	0.0
05:32:00	29 59.5	-95 3.7	-83.3	5.0	83.5	1257	0.0	16.7	-6.8	39.5	43.1	50.0	36.9	10.9	10.9	10.5
05:32:00	29 59.5	-95 3.7	421.2	437.7	10348*	1257	17.9	-7.1	-1.9	39.3	41.7	0.0	154.4	269.3	71.8	155.4
05:32:30	30 0.1	-95 4.8	-78.9	-5.1	79.1	9976	263.9	3.2*	-1.1*	874.1	35.3	21.9	11.2	-16.9	-18.9	0.2
05:32:30	29 59.5	-95 3.4	-78.3	-5.1	78.5	1214	263.6	3.1*	-1.3*	250.6	35.3	22.3	11.4	9.0	9.0	0.0
05:32:30	29 59.6	-95 5.2	-79.0	-4.6	79.1	1242	0.1	13.8	-6.6	36.9	39.4	50.0	38.0	11.2	11.2	10.1
05:32:30	29 59.6	-95 5.1	422.2	438.7	10348*	1242	17.9	4.4	1.4	35.5	37.8	0.0	146.9	263.8	69.2	148.2
05:33:00	30 0.1	-95 6.3	-82.8	-0.5	82.8	9976	268.2*	-0.3	5.5*	879.9	39.6	22.4	10.6	-16.9	-18.9	0.2
05:33:00	29 59.4	-95 4.9	-82.3	-0.5	82.3	1168	268.1*	-0.5	5.3*	250.6	39.7	22.9	10.7	9.1	9.1	0.0
05:33:00	29 59.6	-95 6.7	-82.9	-0.2	82.9	1184	0.1	14.3	-7.9	40.4	43.7	50.0	36.7	11.3	11.3	10.5
05:33:00	29 59.6	-95 6.7	421.2	437.7	10348*	1186	17.0	-3.0	-0.6	39.8	42.2	0.0	155.5	265.6	73.5	156.4

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
05:33:30	30 0.1	-95 7.8	-79.4	3.1	79.4	9976	274.2*	-2.5	1.7	894.4	38.6	19.4	8.0	-16.9	-18.9	0.2
05:33:30	29 59.5	-95 6.3	-78.9	3.0	78.9	1028	274.3*	-2.6	1.5	250.6	38.6	19.9	8.2	14.0	14.0	0.0
05:33:30	29 59.6	-95 8.2	-79.5	3.3	79.5	1048	0.0	13.9	-7.6	38.9	42.4	50.0	37.0	16.3	16.3	12.7
05:33:30	29 59.6	-95 8.2	417.3	433.6	10348*	1050	18.8	-6.4	-1.7	38.8	41.1	0.0	153.4	274.5	73.6	153.7
05:34:00	30 0.1	-95 9.2	-77.0	-5.6	77.3	9976	268.5*	-1.1	-2.0	909.7	37.0	19.7	8.7	-16.9	-18.9	0.2
05:34:00	29 59.5	-95 7.8	-76.6	-5.8	76.8	875	268.3*	-

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
05:38:30	29 59.4	-95 22.5	-84.0	-26.8	88.2	9976	253.8	4.0	-0.9*	941.7	47.7	22.8	8.8	-16.9	-18.9	0.2
05:38:30	29 58.7	-95 21.0	-83.9	-27.3	88.2	576	253.6	3.8	-1.1*	250.6	47.8	23.4	9.0	17.5	17.5	0.0
05:38:30	29 58.9	-95 22.9	-84.4	-26.7	88.6	600	0.1	-1.3	-17.5	49.5	52.2	50.0	34.3	18.4	18.4	11.9
05:38:30	29 58.9	-95 22.9	418.6	434.9	10348*	604	21.0	2.5	0.7	47.7	50.2	0.0	170.5	256.9	82.0	170.3
05:39:00	29 58.9	-95 24.1	-87.2	-28.8	91.8	9976	253.0*	3.6	-0.9*	916.2	50.4	21.4	6.9	-16.9	-18.9	0.2
05:39:00	29 58.2	-95 22.6	-87.1	-29.3	91.9	806	252.8*	3.4	-1.0*	250.6	50.5	22.2	7.1	15.8	15.8	0.0
05:39:00	29 58.4	-95 24.5	-87.7	-28.8	92.3	837	0.1	-3.8	-19.3	51.7	54.8	50.0	33.5	17.0	17.0	13.7
05:39:00	29 58.4	-95 24.5	415.8	431.9	10348*	840	20.6	-4.2	-1.3	50.1	52.6	0.0	175.0	254.0	82.0	174.1
05:39:30	29 58.4	-95 25.7	-88.8	-28.8	93.4	9976	253.8	0.4	-0.2*	904.3	50.9	20.6	6.0	-16.9	-18.9	0.2
05:39:30	29 57.7	-95 24.2	-88.7	-29.4	93.5	917	254.0	0.2	-0.4*	250.6	50.9	21.2	6.1	15.4	15.4	0.0
05:39:30	29 57.9	-95 26.2	-89.3	-28.8	93.8	953	0.0	0.1	-17.9	51.4	55.2	50.0	33.4	16.8	16.8	14.6
05:39:30	29 57.9	-95 26.2	414.4	430.4	10348*	953	20.4	-8.2	-2.3	50.7	53.3	0.0	175.8	254.3	81.2	174.5
05:40:00	29 58.0	-95 27.4	-89.5	-28.7	94.0	9976	254.3	-0.4	-1.0	904.1	52.3	20.4	5.4	-16.9	-18.9	0.2
05:40:00	29 57.2	-95 25.9	-89.5	-29.3	94.2	917	254.1	-0.5	-1.1	250.6	52.3	21.1	5.6	15.5	15.5	0.0
05:40:00	29 57.5	-95 27.9	-90.1	-28.9	94.6	953	0.0	-1.8	-19.0	52.6	56.6	50.0	32.9	16.8	16.8	15.2
05:40:00	29 57.5	-95 27.8	413.6	429.7	10348*	956	19.6	-10.7	-3.2	52.0	54.8	0.0	178.2	254.5	82.6	176.6
05:40:30	29 57.5	-95 29.1	-91.0	-28.7	95.4	9976	254.5	-0.5	-0.9	903.9	53.3	20.5	5.3	-16.9	-18.9	0.2
05:40:30	29 56.7	-95 27.6	-91.0	-29.3	95.6	920	254.3	-0.6	-1.0	250.6	53.4	21.2	5.4	15.3	15.3	0.0
05:40:30	29 57.0	-95 29.5	-91.6	-28.9	96.0	951	0.1	-2.8	-19.8	53.8	57.7	50.0	32.6	16.4	16.4	15.3
05:40:30	29 57.0	-95 29.5	413.4	429.4	10348*	958	19.3	-10.8	-3.3	53.0	55.8	0.0	180.0	254.7	82.9	178.3
05:41:00	29 57.0	-95 30.7	-89.8	-29.2	94.4	9976	255.1*	-0.2	-10.1*	904.4	51.9	20.7	5.8	-16.9	-18.9	0.2
05:41:00	29 56.3	-95 29.3	-89.8	-29.9	94.7	924	254.9*	-0.3	-10.3*	250.6	52.0	21.4	6.0	14.8	14.8	0.0
05:41:00	29 56.5	-95 31.2	-90.5	-29.1	95.1	950	0.1	-1.1	-19.0	52.0	56.4	50.0	33.0	16.1	16.1	14.8
05:41:00	29 56.5	-95 31.2	414.2	430.3	10348*	956	19.6	-15.1	-4.7	51.6	54.2	0.0	177.6	255.7	81.9	176.2
05:41:30	29 55.9	-95 31.7	4.0	-99.6	99.6	9976	181.9*	0.8	-24.7	904.8	51.1	20.9	6.2	-16.9	-18.9	0.2
05:41:30	29 55.1	-95 30.2	3.9	-100.2	100.3	922	181.7*	0.7	-24.8	250.6	51.2	21.5	6.3	14.4	14.4	0.0
05:41:30	29 55.3	-95 32.2	3.0	-99.8	99.9	955	0.0	2.4	-17.4	51.1	55.8	50.0	33.3	16.0	16.0	14.4
05:41:30	29 55.4	-95 32.2	414.7	430.8	10348*	956	19.5	-15.2	-5.1	50.9	53.3	0.0	176.3	185.1	75.8	175.1
05:42:00	29 54.3	-95 31.0	47.9	-93.7	105.2	9976	156.4	-0.6	-0.8	903.7	53.5	23.0	7.6	-16.9	-18.9	0.2
05:42:00	29 53.5	-95 29.5	47.8	-94.4	105.8	922	156.5	-0.8	-0.9	250.6	53.6	23.7	7.7	12.5	12.5	0.0
05:42:00	29 53.8	-95 31.5	47.3	-94.1	105.3	955	0.1	-3.2	-20.0	53.9	57.7	50.0	32.6	14.5	14.5	13.0
05:42:00	29 53.8	-95 31.5	416.8	433.0	10348*	958	19.8	-10.9	-3.3	53.2	55.9	0.0	180.3	158.8	74.3	179.3
05:42:30	29 52.8	-95 30.1	47.9	-94.3	105.8	9976	156.5	-0.4	-1.1	904.0	53.8	22.9	7.4	-16.9	-18.9	0.2
05:42:30	29 52.0	-95 28.6	47.8	-95.1	106.4	924	156.3	-0.6	-1.2	250.6	53.8	23.5	7.5	12.7	12.7	0.0
05:42:30	29 52.3	-95 30.6	47.3	-94.7	105.8	948	0.1	-2.9	-20.1	54.3	58.2	50.0	32.5	14.0	14.0	13.2
05:42:30	29 52.3	-95 30.6	416.5	432.7	10348*	956	18.5	-10.4	-3.2	53.5	56.3	0.0	180.7	159.1	74.1	179.7
05:43:00	29 51.3	-95 29.2	47.3	-92.6	104.0	9976	156.5	-0.3	-0.9	904.0	52.7	23.4	8.2	-16.9	-18.9	0.2
05:43:00	29 50.5	-95 27.7	47.1	-93.4	104.6	924	156.2	-0.4	-1.1	250.6	52.8	24.0	8.3	11.7	11.7	0.0
05:43:00	29 50.8	-95 29.7	46.6	-93.0	104.1	945	0.0	-1.4	-19.1	53.1	57.2	50.0	32.8	13.8	13.8	12.5
05:43:00	29 50.8	-95 29.7	417.7	433.9	10348*	956	18.5	-11.0	-3.3	52.5	55.3	0.0	179.0	159.0	74.4	178.2

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
05:43:30	29 49.8	-95 28.3	48.0	-90.5	102.4	9976	154.9	0.3	-0.7	903.7	51.6	23.4	8.5	-16.9	-18.9	0.2
05:43:30	29 49.0	-95 26.8	47.8	-91.3	103.0	929	154.6	0.2	-0.9	250.6	51.7	24.0	8.5	11.6	11.6	0.0
05:43:30	29 49.3	-95 28.9	47.2	-91.0	102.5	952	0.1	-0.5	-18.4	52.6	56.2	50.0	33.1	13.5	13.5	12.3
05:43:30	29 49.3	-95 28.9	418.1	434.3	10348*	958	17.3	-5.3	-1.5	51.5	54.2	0.0	177.2	158.0	74.4	176.6
05:44:00	29 48.5	-95 27.1	66.9	-71.9	98.2	9976	139.8*	-0.6	4.5	905.0	47.7	22.9	9.0	-16.9	-18.9	0.2
05:44:00	29 47.7	-95 25.6	66.7	-72.7	98.7	919	139.9*	-0.8	4.3	250.6	47.7	23.6	9.2	12.1	12.1	0.0
05:44:00	29 48.0	-95 27.7	66.4	-72.3	98.1	939	0.1	4.8	-14.7	48.0	52.0	50.0	34.3	13.9	13.9	11.8
05:44:00	29 48.0	-95 27.7	418.9	435.2	10348*	945	20.3	-7.8	-2.1	47.7	50.3	0.0	170.3	141.5	72.0	170.3
05:44:30	29 47.4	-95 25.9	73.6	-62.7	96.7	9976	132.5	0.3	0.2*	905.6	45.5	21.3	8.0	-16.9	-18.9	0.2
05:44:30	29 46.5	-95 24.4	73.3	-63.6	97.0	913	132.5	0.1	0.1*	250.6	45.5	21.9	8.2	12.7	12.7	0.0
05:44:30	29 46.8	-95 26.4	72.9	-63.2	96.5	938	0.1	3.5	-14.5	45.9	49.6	50.0	34.9	16.3	16.3	12.7
05:44:30	29 46.9	-95 26.5	417.4	433.6	10348*	941	18.7	-7.1	-2.0	45.5	47.5	0.0	166.4	133.8	69.5	166.2
05:45:00	29 46.3	-95 24.5	71.8	-67.1	98.3	9976	135.5	-2.7	0.8*	906.9	47.7	19.8	6.0	-16.9	-18.9	0.2
05:45:00	29 45.5	-95 23.1	71.4	-68.0	98.6	905	135.3	-2.9	0.6*	250.6	47.8	20.5	6.2	15.8	15.8	0.0
05:45:00	29 45.8	-95 25.1	71.0	-67.6	98.1	929	0.1	-1.1	-17.2	48.9	52.0	50.0	34.3	16.7	16.7	14.6
05:45:00	29 45.8	-95 25.2	414.5	430.6	10348*	932	19.4	-5.6	-1.7	47.6	50.2	0.0	170.5	137.9	71.0	169.5
05:45:30	29 45.2	-95 23.2	71.7	-68.7	99.3	9976	135.9	-1.4	-1.9	912.0	48.4	20.2	6.2	-16.9	-18.9	0.2
05:45:30	29 44.3	-95 21.7	71.4	-69.5	99.6	861	135.6	-1.5	-2.0	250.6	48.5	20.7	6.3	15.8	15.8	0.0
05:45:30	29 44.6	-95 23.8	70.9	-69.3	99.2	885	0.0	1.9	-16.3	49.4	52.9	50.0	34.1	16.9	16.9	14.4
05:45:30	29 44.7	-95 23.8	414.7	430.8	10348*	883	19.9	-5.9	-1.6	48.3	51.0	0.0	171.7	137.9	71.3	170.7
05:46:00	29 44.2	-95 21.9	69.9	-62.8	93.9	9976	134.4	-2.8	2.2	925.6	43.7	21.0	8.2	-16.9	-18.9	0.2
05:46:00	29 43.3	-95 20.4	69.5	-63.7	94.3	736	134.5	-2.9	2.1	250.6	43.8	21.5	8.2	15.9	15.9	0.0
05:46:00	29 43.6	-95 22.5	69.1	-63.4	93.8	758	0.0	11.2	-10.8	43.9	47.9	50.0	35.4	16.8	16.8	12.5
05:46:00	29 43.6	-95 22.5	417.7	433.9	10348*	758	20.1	-8.5	-2.4	43.9	46.1	0.0	163.3	135.4	68.7	163.2
05:46:30	29 43.1	-95 20.7	65.7	-60.8	89.5	9976	135.1*	-2.6	-6.2*	945.6	39.3	22.2	10.5	-16.9	-18.9	0.2
05:46:30	29 42.2	-95 19.2	65.2	-61.8	89.8	566	135.0*	-2.8	-6.3*	250.6	39.4	22.6	10.6	16.4	16.4	0.0
05:46:30	29 42.5	-95 21.3	64.6	-61.7	89.3	574	0.1	13.5	-8.1	39.8	43.3	50.0	36.8	17.5	17.5	10.6
05:46:30	29 42.5	-95 21.3	421.1	437.5	10348*	577	20.3	-4.5	-1.2	39.6	41.2	0.0	154.9	138.0	65.7	155.8
05:47:00	29 42.2	-95 19.4	62.8	-62.8	88.8	9976	138.2	-2.7	1.1*	962.4	39.2	23.6	11.9	-16.9	-18.9	0.2
05:47:00	29 41.2	-95 18.0	62.3	-63.7	89.2	409	138.0	-2.8	0.9*	250.6	39.2	24.1	12.0	16.7	16.7	0.0
05:47:00	29 41.6	-95 20.1	62.0	-63.4	88.7	427	0.0	13.2	-8.3	39.5	43.1	50.0	36.8	17.5	17.5	9.6
05:47:00	29 41.6	-95 20.1	423.2	439.7	10348*	423	20.0	-6.8	-1.8	39.4	41.3	0.0	154.6	140.4	66.6	155.9
05:47:30	29 41.1	-95 18.2	66.5	-57.5	87.9	9976	132.1	-1.0	0.8	980.0	40.2	23.5	11.5	-16.9	-18.9	0.2
05:47:30	29 40.2	-95 16.8	66.0	-58.5	88.2	252	131.8	-1.1	0.7	250.6	40.2	23.9	11.5	19.5	19.5	0.0
05:47:30	29 40.5	-95 18.9	65.9	-58.1	87.9	265	0.1	12.3	-9.1	40.1	44.3	50.0	36.5	19.7	19.7	9.9
05:47:30	29 40.5	-95 18.9	422.5	439.0	10348*	266	20.1	-12.1	-3.6	40.3	42.5	0.0	156.5	130.0	69.4	157.7
05:48:00	29 40.2	-95 17.1	63.3	-54.3	83.4	9976	131.7*	-1.5	-3.1*	996.2	38.8	24.1	12.4	-16.9	-18.9	0.2
05:48:00	29 39.3	-95 15.6	62.8	-55.3	83.7	109	131.7*	-1.7	-3.2*	250.6	38.9	24.5	12.5	20.3	20.3	0.0
05:48:00	29 39.6	-95 17.8	62.5	-55.2	83.3	119	0.0	13.4	-8.0	39.2	42.9	50.0	36.9	20.5	20.5	9.3
05:48:00	29 39.6	-95 17.8	424.0	440.5	10348*	125	20.2	-7.8	-2.2	39.1	41.2	0.0	154.0	131.2	71.6	155.4

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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
05:48:30	29 39.3	-95 15.9	65.2	-61.7	89.7	9976	133.9*	3.0	1.4	992.2	43.8	24.3	11.3	-16.9	-18.9	0.2
05:48:30	29 38.3	-95 14.5	64.6	-62.7	90.0	141	133.8*	2.9	1.3	250.6	43.9	25.0	11.5	20.2	20.2	0.0
05:48:30	29 38.6	-95 16.6	64.3	-62.5	89.6	154	0.1	3.1	-14.2	44.9	48.2	50.0	35.4	20.4	20.4	10.0
05:48:30	29 38.6	-95 16.6	422.3	438.8	10348*	155	20.9	-4.2	-1.1	43.9	46.0	0.0	163.5	133.8	74.5	164.3
05:49:00	29 38.3	-95 14.6	75.4	-56.6	94.3	9976	126.9*	5.4	-3.2*	967.7	45.7	23.3	9.8	-16.9	-18.9	0.2
05:49:00	29 37.3	-95 13.2	74.8	-57.6	94.4	356	126.7*	5.3	-3.3*	250.6	45.7	23.9	10.0	19.2	19.2	0.0
05:49:00	29 37.6	-95 15.3	74.4	-57.6	94.1	369	0.0	1.7	-15.5	46.8	50.2	50.0	34.9	19.1	19.1	11.1
05:49:00	29 37.6	-95 15.4	420.1	436.5	10348*	370	20.5	-4.5	-1.2	45.6	47.8	0.0	166.8	126.5	72.4	167.1
05:49:30	29 37.4	-95 13.1	83.8	-49.6	97.4	9976	122.0*	4.8	5.5*	942.3	45.7	22.9	9.5	-16.9	-18.9	0.2
05:49:30	29 36.4	-95 11.8	83.2	-50.7	97.4	587	121.7*	4.6	5.3*	250.6	45.8	23.5	9.7	16.4	16.4	0.0
05:49:30	29 36.8	-95 13.9	82.9	-50.3	97.0	596	0.1	0.5	-15.9	46.8	50.1	50.0	34.9	17.6	17.6	11.4
05:49:30	29 36.8	-95 13.9	419.6	435.9	10348*	597	19.1	-5.2	-1.4	45.6	48.3	0.0	166.8	122.8	69.3	167.1
05:50:00	29 36.5	-95 11.6	85.6	-53.6	101.0	9976	125.7	4.4	0.1	920.4	50.3	22.4	7.8	-16.9	-18.9	0.2
05:50:00	29 35.5	-95 10.2	85.0	-54.7	101.0	789	125.8	4.3	-0.1	250.6	50.4	23.1	8.0	16.0	16.0	0.0
05:50:00	29 35.9	-95 12.3	84.7	-54.5	100.7	800	0.0	-2.5	-18.8	51.4	54.9	50.0	33.5	17.3	17.3	12.8
05:50:00	29 35.9	-95 12.4	417.1	433.4	10348*	799	19.7	-6.2	-1.9	50.1	52.6	0.0	174.9	129.7	73.2	174.2
05:50:30	29 35.7	-95 10.0	85.3	-50.5	99.1	9976	126.8	-2.0*	-1.1*	900.8	50.9	23.5	8.8	-16.9	-18.9	0.2
05:50:30	29 34.7	-95 8.7	84.6	-51.6	99.1	971	126.8	-2.1*	-1.2	250.6	51.0	24.3	9.0	12.5	12.5	0.0
05:50:30	29 35.0	-95 10.8	84.1	-51.4	98.6	984	0.0	0.6	-17.6	51.3	55.2	50.0	33.3	14.4	14.4	12.0
05:50:30	29 35.0	-95 10.8	418.5	434.8	10348*	989	19.7	-8.6	-2.5	50.8	53.2	0.0	175.9	133.0	77.2	175.5
05:51:00	29 35.5	-95 8.2	97.3	38.5	104.7	9976	71.5*	0.7	-20.1*	904.3	50.2	23.6	9.1	-16.9	-18.9	0.2
05:51:00	29 34.4	-95 6.8	96.6	37.4	103.6	947	71.3*	0.5	-20.2*	250.6	50.3	24.2	9.1	12.4	12.4	0.0
05:51:00	29 34.8	-95 9.0	96.4	37.4	103.4	955	0.1	2.8	-16.5	50.2	54.7	50.0	33.5	14.5	14.5	11.7
05:51:00	29 34.8	-95 9.0	419.0	435.3	10348*	959	19.6	-11.9	-3.9	50.1	52.1	0.0	174.7	74.4	70.0	174.5
05:51:30	29 36.2	-95 6.5	91.4	41.1	100.2	9976	68.9	0.6	-1.1	904.1	45.1	23.0	9.7	-16.9	-18.9	0.2
05:51:30	29 35.1	-95 5.1	90.7	40.0	99.1	945	68.7	0.4	-1.3	250.6	45.2	23.6	9.9	12.3	12.3	0.0
05:51:30	29 35.4	-95 7.3	90.4	40.2	98.9	954	0.1	5.0	-13.9	45.2	49.2	50.0	35.0	14.1	14.1	11.2
05:51:30	29 35.4	-95 7.3	419.9	436.3	10348*	957	20.2	-10.3	-3.0	45.1	47.3	0.0	165.8	70.7	66.0	166.1
05:52:00	29 36.8	-95 4.8	88.3	40.6	97.2	9976	68.8	1.0	-1.2	904.2	41.7	22.8	10.4	-16.9	-18.9	0.2
05:52:00	29 35.7	-95 3.5	87.6	39.5	96.1	952	68.6	0.9	-1.3	250.6	41.7	23.2	10.5	12.4	12.4	0.0
05:52:00	29 36.1	-95 5.6	87.3	39.6	95.8	951	0.0	7.7	-11.6	41.5	45.7	50.0	36.1	14.3	14.3	10.7
05:52:00	29 36.1	-95 5.6	421.0	437.4	10348*	956	19.9	-11.7	-3.6	41.7	43.7	0.0	159.4	70.5	63.1	160.2
05:52:30	29 37.5	-95 3.2	88.0	40.6	96.9	9976	67.8	1.0	-0.8	904.1	41.3	22.5	10.2	-16.9	-18.9	0.2
05:52:30	29 36.4	-95 1.9	87.3	39.5	95.8	953	68.0	0.8	-0.9	250.6	41.4	22.9	10.3	13.0	13.0	0.0
05:52:30	29 36.7	-95 4.0	86.9	39.7	95.6	947	0.1	8.4	-11.1	41.2	45.3	50.0	36.2	14.7	14.7	10.8
05:52:30	29 36.7	-95 4.0	420.7	437.1	10348*	957	19.7	-10.2	-3.1	41.4	43.3	0.0	158.7	68.6	62.6	159.5
05:53:00	29 38.1	-95 1.5	87.9	40.1	96.6	9976	67.7	1.1	-0.9	904.2	40.6	22.5	10.4	-16.9	-18.9	0.2
05:53:00	29 37.0	-95 0.2	87.1	39.0	95.4	961	67.5	0.9	-1.0	250.6	40.7	22.9	10.5	13.1	13.1	0.0
05:53:00	29 37.4	-95 2.4	86.8	39.1	95.2	948	0.1	8.4	-10.8	40.5	44.6	50.0	36.4	14.9	14.9	10.7
05:53:00	29 37.3	-95 2.4	420.9	437.4	10348*	956	20.9	-10.2	-3.0	40.7	42.6	0.0	157.4	67.8	61.7	158.2

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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
05:53:30	29 39.0	-95 0.1	66.4	69.5	96.1	9976	43.6	1.4	2.1*	903.9	39.8	22.6	10.7	-16.9	-18.9	0.2
05:53:30	29 37.8	-94 58.8	65.6	68.4	94.8	951	43.4	1.2	1.9*	250.6	39.8	23.0	10.8	12.9	12.9	0.0
05:53:30	29 38.2	-95 0.9	65.3	68.5	94.6	950	0.1	9.0	-10.3	39.7	43.7	50.0	36.6	14.6	14.6	10.4
05:53:30	29 38.2	-95 1.0	421.5	437.9	10348*	958	20.2	-10.3	-3.0	39.9	41.8	0.0	155.8	39.8	60.7	156.8
05:54:00	29 40.1	-94 58.8	69.4	69.9	98.6	9976	44.4	0.7	-0.6	903.7	41.8	22.8	10.4	-16.9	-18.9	0.2
05:54:00	29 38.9	-94 57.5	68.6	68.8	97.2	953	44.2	0.6	-0.7	250.6	41.8	23.3	10.5	12.9	12.9	0.0
05:54:00	29 39.3	-94 59.7	68.3	68.9	97

A/C 43, Flgt 061010I, Micro99 date 2006/10/11, Proj TexAQS Run on Thu Oct 26 13:16:17 2006

TIME-M99	LATi1	LONGi1	GSui1	GSvi1	GSi1	RA159	HDGi1	PTCHi1	ROLLi1	PSW	PQF1	TT1	TA1	TDM1	TD1	AXBT1
TIME-CG1	LATi2	LONGi2	GSui2	GSvi2	GSi2	RA232	HDGi2	PTCHi2	ROLLi2	PSF	PQF2	TT2	TA2	TDM2	TD2	AXBT2
TIME-CG2	LATcln	LONGcln	GSucln	GSvcln	GScln	ALTcln	PRT5SIDE	PDAF	PDAR	PQAF	PQSF	TT3	TA3	TDM3	TD3	RH1
TIME-GPS	LATash	LONGash	THETA1	THETAE1	PA1	ALTash	PRT5DOWN	PDSF	PDSR	PQR	PQW	LWCJW	IAS	WDi1	WSi1	TAS1
05:58:30	29 42.8	-95 2.1	-53.4	-54.3	76.2	9976	229.3*	1.6	0.2*	939.1	36.7	21.6	10.6	-16.9	-18.9	0.2
05:58:30	29 41.5	-95 1.0	-54.4	-55.4	77.6	613	229.1*	1.4	0.0*	250.6	36.7	22.0	10.7	16.5	16.5	0.0
05:58:30	29 41.8	-95 3.2	-54.6	-55.5	77.9	625	0.0	12.4	-7.8	37.4	40.7	50.0	37.6	17.4	17.4	10.5
05:58:30	29 41.8	-95 3.2	421.3	437.7	10348*	631	20.8	-5.8	-1.6	36.9	38.9	0.0	149.6	232.7	74.9	150.8
05:59:00	29 42.0	-95 3.1	-49.0	-53.7	72.7	9976	228.1	0.4	-2.0*	945.1	33.3	21.7	11.6	-16.9	-18.9	0.2
05:59:00	29 40.6	-95 2.0	-49.9	-54.8	74.1	569	227.8	0.3	-2.2*	250.6	33.4	22.1	11.8	16.5	16.5	0.0
05:59:00	29 41.0	-95 4.2	-50.1	-54.8	74.3	572	0.0	17.0	-4.6	33.8	37.3	50.0	38.6	17.4	17.4	9.8
05:59:00	29 41.0	-95 4.2	422.8	439.3	10348*	577	19.4	-8.5	-2.4	33.6	35.5	0.0	142.8	231.6	71.9	144.4
05:59:30	29 41.1	-95 4.0	-49.3	-55.5	74.2	9976	226.9*	0.3	-4.3	956.2	34.1	22.7	12.4	-16.9	-18.9	0.2
05:59:30	29 39.7	-95 2.9	-50.2	-56.6	75.7	479	226.9*	0.2	-4.4	250.6	34.1	23.1	12.5	16.8	16.8	0.0
05:59:30	29 40.1	-95 5.1	-50.5	-56.6	75.9	467	0.0	16.3	-5.2	34.7	38.0	50.0	38.4	17.7	17.7	9.3
05:59:30	29 40.1	-95 5.1	423.9	440.4	10348*	477	19.4	-5.9	-1.6	34.3	36.2	0.0	144.4	231.3	72.1	146.1
06:00:00	29 40.2	-95 5.0	-56.3	-53.2	77.4	9976	230.8	-0.8	1.9	970.2	37.2	22.8	11.6	-16.9	-18.9	0.2
06:00:00	29 38.8	-95 3.9	-57.2	-54.2	78.8	344	230.7	-1.0	1.7	250.6	37.3	23.2	11.7	19.5	19.5	0.0
06:00:00	29 39.2	-95 6.1	-57.4	-54.4	79.0	341	0.1	14.1	-7.3	37.7	41.3	50.0	37.4	18.8	18.8	9.8
06:00:00	29 39.2	-95 6.1	422.7	439.3	10348*	352	20.3	-8.3	-2.4	37.4	39.4	0.0	150.8	232.7	74.6	152.2
06:00:30	29 39.3	-95 6.0	-50.7	-60.4	78.9	9976	224.9	-2.1	-3.6*	982.9	37.4	24.0	12.7	-16.9	-18.9	0.2
06:00:30	29 37.9	-95 4.9	-51.7	-61.4	80.3	233	224.7	-2.2	-3.7*	250.6	37.5	24.4	12.8	19.0	19.0	0.0
06:00:30	29 38.3	-95 7.2	-51.7	-61.6	80.5	237	0.0	11.5	-8.4	37.8	41.4	50.0	37.4	19.2	19.2	9.1
06:00:30	29 38.3	-95 7.1	424.4	441.0	10348*	241	19.4	-7.4	-2.2	37.7	39.7	0.0	151.2	228.6	73.8	152.8
06:01:00	29 38.4	-95 7.0	-52.7	-59.5	79.5	9976	225.5	-1.7	-0.7*	997.8	39.5	24.4	12.5	-16.9	-18.9	0.2
06:01:00	29 37.0	-95 6.0	-53.7	-60.5	80.9	99	225.2	-1.9	-0.9*	250.6	39.5	24.8	12.6	20.6	20.6	0.0
06:01:00	29 37.3	-95 8.2	-53.6	-61.0	81.2	103	0.0	9.1	-10.2	39.3	43.4	50.0	36.7	20.6	20.6	9.2
06:01:00	29 37.3	-95 8.2	424.1	440.7	10348*	109	19.7	-12.5	-3.8	39.5	41.5	0.0	155.2	226.2	76.9	156.7
06:01:30	29 37.6	-95 7.9	-37.9	-39.4	54.6	9976	223.2	-1.1	0.3	1009.2	19.0	22.7	16.6	-16.9	-18.9	0.2
06:01:30	29 36.1	-95 6.9	-38.8	-40.4	56.0	2	223.2	-1.2	0.1	250.6	19.0	23.1	17.0	20.9	20.9	0.0
06:01:30	29 36.5	-95 9.1	-39.1	-41.1	56.8	11	0.1	4.8	-4.8	18.0	19.6	50.0	43.3	20.6	20.6	6.9
06:01:30	29 36.5	-95 9.1	430.2	447.1	10348	13	26.8	4.9	1.4	19.0	20.6	0.0	108.1	226.8	56.2	111.0
06:02:00	29 37.2	-95 8.3	-8.5	-9.1	12.5	9976	222.5	-1.0	0.4	1007.1	2.0	24.8	24.1	-16.9	-18.9	0.2
06:02:00	29 35.8	-95 7.3	-9.5	-10.1	13.8	1	222.5	-1.1	0.3	250.6	1.9	25.9	25.2	20.4	20.4	0.0
06:02:00	29 36.1	-95 9.5	-9.5	-10.2	14.0	3	0.1	0.0	0.1	0.1	0.5	50.0	49.2	20.8	20.8	4.2
06:02:00	29 36.1	-95 9.5	441.3	458.8	10348	12	27.1	-2.1	0.1	1.9	0.9	0.0	34.8	175.6	26.9	36.5
06:02:30	29 37.1	-95 8.4	-7.3	-7.3	10.4	9976	223.9	-0.6	0.6	1009.2	1.2	22.1	21.7	-16.9	-18.9	0.2
06:02:30	29 35.6	-95 7.4	-8.3	-8.3	11.7	1	223.7	-0.8	0.4	250.6	1.1	22.8	22.4	20.7	20.7	0.0
06:02:30	29 36.0	-95 9.7	-8.4	-8.4	11.9	3	0.1	0.8	-0.2	0.6	0.7	50.0	49.5	20.5	20.5	4.9
06:02:30	29 36.0	-95 9.7	437.7	455.0	10348	11	27.1	0.9	0.2	1.2	2.4	0.0	26.7	238.1	17.3	27.9
06:03:00	29 37.0	-95 8.5	-5.4	-5.7	7.8	9976	222.7	-1.0	0.1	1010.1	0.8	21.9	21.7	-16.9	-18.9	0.2
06:03:00	29 35.5	-95 7.6	-6.3	-6.6	9.2	1	222.4	-1.1	-0.0	250.6	0.8	22.5	22.2	20.9	20.9	0.0
06:03:00	29 35.9	-95 9.8	-6.4	-6.8	9.4	9	0.0	0.4	-0.3	0.5	0.7	50.0	49.7	20.4	20.4	4.9
06:03:00	29 35.9	-95 9.8	437.7	455.0	10348	11	27.1	0.8	0.2	0.8	1.5	0.0	21.9	236.7	15.0	22.9

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ERROR COUNT:

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LAT_INE1: 0
LAT_INE2: 0
LAT_CLN: 0
LAT_ASH: 0
LONG_INE1: 0
LONG_INE2: 0
LONG_CLN: 1
LONG_ASH: 0
RA159: 1080
RA232: 13
ALT_CLN: 3
ALT_ASH: 0
HDG_INE1: 3793
HDG_INE2: 3808
PRT5_SIDE: 0
PRT5_DOWN: 0
PITCH_INE1: 693
PITCH_INE2: 691
PDAF: 0
PDSF: 3
ROLL_INE1: 3051
ROLL_INE2: 3014
PDAR: 0
PDSR: 0
PSW: 0
PSF: 0
PQAF: 0
PQR: 0
PQF1: 1
PQF2: 1
PQSF: 0
PQW: 182
TT1: 0
TT2: 0
TT3: 0
TDM1: 0
TDM2: 0
TDM3: 9
AXBT1: 0
AXBT2: 0

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