A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 12:35:00 | 13 | 4.6 | -59 29.5 | 0.0 | 0.0 | 0.0 | 9976 | 345.7 | -0.4 | -0.5 | 1006.6 | -0.2 | 29.2 | -32767.0 | 20.3 | 20.3 | 0.1 |
| 12:35:00 | 13 | 4.6 | -59 29.5 | -0.1 | -0.0 | 0.1 | 2 | 346.0 | -0.5 | -0.6 | 1007.1 | -0.2 | 29.2 | -32767.0 | 22.6 | 22.6 | 0.0 |
| 12:35:01 | 13 | 4.6 | -59 29.5 | -0.0 | 0.0 | 0.0 | 50 | 33.1 | -0.2 | 0.1 | 0.3 | 0.2 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 12:35:00 | 13 | 4.6 | -59 29.5 | -32767.0 | -32767.0 | -32767 | 57 | 35.7 | 1.1 | 0.4 | -0.4 | 0.1 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 12:35:30 | 13 | 4.6 | -59 29.5 | 0.0 | 0.0 | 0.0 | 9976 | 345.8 | -0.5 | -0.5 | 1006.6 | -0.2 | 29.8 | -32767.0 | 20.3 | 20.3 | 0.1 |
| 12:35:30 | 13 | 4.6 | -59 29.5 | -0.1 | -0.0 | 0.1 | 2 | 346.0 | -0.4 | -0.6 | 1007.1 | -0.2 | 29.8 | -32767.0 | 22.5 | 22.5 | 0.0 |
| 12:35:31 | 13 | 4.6 | -59 29.5 | 0.0 | -0.0 | 0.0 | 50 | 33.2 | -0.4 | 0.1 | 0.3 | 0.1 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 12:35:30 | 13 | 4.6 | -59 29.5 | -32767.0 | -32767.0 | -32767 | 57 | 35.7 | 1.0 | 0.3 | -0.5 | 0.1 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 12:36:00 | 13 | 4.6 | -59 29.5 | 0.0 | 0.0 | 0.0 | 9976 | 345.7 | -0.5 | -0.5 | 1006.6 | -0.2 | 29.5 | -32767.0 | 20.3 | 20.3 | 0.1 |
| 12:36:00 | 13 | 4.6 | -59 29.5 | -0.1 | -0.1 | 0.1 | 1 | 346.0 | -0.6 | -0.6 | 1007.0 | -0.1 | 29.6 | -32767.0 | 22.4 | 22.4 | 0.0 |
| 12:36:01 | 13 | 4.6 | -59 29.5 | -0.0 | -0.0 | 0.0 | 49 | 33.2 | -0.1 | 0.1 | 0.1 | 0.1 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 12:36:00 | 13 | 4.6 | -59 29.5 | -32767.0 | -32767.0 | -32767 | 57 | 35.7 | 0.9 | 0.2 | -0.3 | -0.0 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 12:36:30 | 13 | 4.6 | -59 29.5 | 0.0 | 0.0 | 0.0 | 9976 | 345.7 | -0.6 | -0.5 | 1006.6 | -0.3 | 29.3 | -32767.0 | 20.4 | 20.4 | 0.1 |
| 12:36:30 | 13 | 4.6 | -59 29.5 | -0.1 | -0.1 | 0.1 | 1 | 346.0 | -0.5 | -0.6 | 1007.1 | -0.3 | 29.2 | -32767.0 | 22.5 | 22.5 | 0.0 |
| 12:36:31 | 13 | 4.6 | -59 29.5 | -0.0 | -0.0 | 0.0 | 62 | 33.3 | 0.1 | 0.1 | 0.3 | 0.1 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 12:36:30 | 13 | 4.6 | -59 29.5 | -32767.0 | -32767.0 | -32767 | 57 | 35.7 | 0.8 | 0.3 | -0.4 | 0.1 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 12:37:00 | 13 | 4.6 | -59 29.5 | 0.0 | 0.0 | 0.0 | 9976 | 345.7 | -0.6 | -0.5 | 1006.6 | -0.2 | 29.5 | -32767.0 | 20.5 | 20.5 | 0.0 |
| 12:37:00 | 13 | 4.6 | -59 29.5 | -0.1 | -0.1 | 0.1 | 1 | 346.0 | -0.6 | -0.6 | 1007.0 | -0.1 | 29.6 | -32767.0 | 22.6 | 22.6 | 0.0 |
| 12:37:01 | 13 | 4.6 | -59 29.5 | 0.0 | -0.0 | 0.0 | 71 | 33.2 | -0.1 | 0.1 | 0.2 | 0.1 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 12:37:00 | 13 | 4.6 | -59 29.5 | -32767.0 | -32767.0 | -32767 | 57 | 35.7 | 0.6 | 0.2 | -0.1 | 0.0 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 12:37:30 | 13 | 4.6 | -59 29.5 | 0.0 | 0.0 | 0.0 | 9976 | 345.8 | -0.6 | -0.5 | 1006.6 | -0.2 | 29.7 | -32767.0 | 20.5 | 20.5 | 0.1 |
| 12:37:30 | 13 | 4.6 | -59 29.5 | -0.1 | -0.1 | 0.1 | 1 | 346.0 | -0.6 | -0.6 | 1007.1 | -0.1 | 29.6 | -32767.0 | 22.6 | 22.6 | 0.0 |
| 12:37:31 | 13 | 4.6 | -59 29.5 | 0.0 | 0.0 | 0.0 | 46 | 33.3 | -0.1 | 0.1 | 0.2 | 0.1 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 12:37:30 | 13 | 4.6 | -59 29.5 | -32767.0 | -32767.0 | -32767 | 57 | 35.7 | 0.8 | 0.3 | -0.1 | 0.1 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 12:38:00 | 13 | 4.6 | -59 29.5 | 0.3 | -1.0 | 1.1 | 9976 | 345.2 | -0.5 | -0.6 | 1006.6 | -0.3 | 29.7 | -32767.0 | 20.4 | 20.4 | 0.1 |
| 12:38:00 | 13 | 4.6 | -59 29.5 | 0.2 | -1.1 | 1.1 | 1 | 345.4 | -0.5 | -0.7 | 1006.9 | -0.3 | 29.8 | -32767.0 | 22.5 | 22.5 | 0.0 |
| 12:38:01 | 13 | 4.6 | -59 29.5 | 0.2 | -1.0 | 1.0 | 48 | 33.2 | 0.0 | 0.1 | 0.0 | 0.1 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 12:38:00 | 13 | 4.6 | -59 29.5 | -32767.0 | -32767.0 | -32767 | 57 | 35.8 | 0.0 | 0.1 | -0.0 | -0.1 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 12:38:30 | 13 | 4.6 | -59 29.5 | 0.7 | -0.7 | 1.0 | 9976 | 317.8 | -0.2 | -0.7 | 1006.6 | 0.0 | 29.9 | 29.9 | 20.4 | 20.4 | 0.1 |
| 12:38:30 | 13 | 4.6 | -59 29.5 | 0.6 | -0.8 | 1.0 | 1 | 318.1 | -0.1 | -0.8 | 1006.9 | 0.1 | 30.1 | 30.1 | 22.6 | 22.6 | 0.0 |
| 12:38:31 | 13 | 4.6 | -59 29.5 | 0.7 | -0.8 | 1.1 | 50 | 33.4 | 0.0 | 0.1 | 0.0 | 0.0 | -0.0 | -0.0 | 47.0 | 47.0 | 56.7 |
| 12:38:30 | 13 | 4.6 | -59 29.5 | 302.5 | 347.7 | 53 | 57 | 35.8 | 0.0 | 0.1 | 0.1 | -0.0 | -0.0 | 4.8 | 321.3 | 3.5 | 2.5 |
| 12:39:00 | 13 | 4.6 | -59 29.5 | -0.9 | -1.3 | 1.6 | 9976 | 221.0 | -0.7 | -0.3 | 1006.6 | -0.0 | 30.0 | -32767.0 | 20.5 | 20.5 | 0.1 |
| 12:39:00 | 13 | 4.6 | -59 29.5 | -1.1 | -1.4 | 1.8 | 1 | 221.2 | -0.7 | -0.4 | 1007.2 | -0.0 | 30.1 | -32767.0 | 22.5 | 22.5 | 0.0 |
| 12:39:01 | 13 | 4.6 | -59 29.5 | -1.0 | -1.3 | 1.6 | 49 | 33.3 | 0.0 | 0.2 | 0.0 | 0.0 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 12:39:00 | 13 | 4.6 | -59 29.5 | -32767.0 | -32767.0 | -32767 | 57 | 35.8 | 0.0 | 0.1 | -0.0 | -0.0 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 12:39:30 | 13 | 4.6 | -59 29.6 | -6.2 | -1.5 | 6.4 | 4087 | 255.8 | -0.4 | 0.7 | 1006.6 | 0.1 | 30.2 | 30.2 | 20.7 | 20.7 | 0.1 |
| 12:39:30 | 13 | 4.5 | -59 29.6 | -6.3 | -1.6 | 6.5 | 1 | 256.1 | -0.4 | 0.5 | 1007.1 | 0.2 | 30.3 | 30.2 | 22.7 | 22.7 | 0.0 |
| 12:39:31 | 13 | 4.6 | -59 29.6 | -6.2 | -1.6 | 6.4 | 46 | 33.4 | 0.0 | 0.1 | 0.2 | 0.2 | -0.0 | -0.0 | 47.0 | 47.0 | 56.7 |
| 12:39:30 | 13 | 4.6 | -59 29.6 | 302.7 | 348.6 | 51 | 57 | 35.8 | 0.1 | 0.1 | 0.2 | 0.1 | -0.0 | 9.4 | 57.3 | 1.5 | 5.0 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 12:40:00 | 13 | 4.5 | -59 29.6 | 0.0 | -0.0 | 0.0 | 9 | 255.7 | -0.9 | 0.6 | 1006.5 | -0.3 | 30.3 | -32767.0 | 20.5 | 20.5 | 0.1 |
| 12:40:00 | 13 | 4.5 | -59 29.6 | -0.1 | -0.1 | 0.1 | 1 | 255.9 | -0.9 | 0.5 | 1007.4 | -0.3 | 30.1 | -32767.0 | 22.6 | 22.6 | 0.0 |
| 12:40:01 | 13 | 4.6 | -59 29.6 | 0.0 | -0.0 | 0.0 | 43 | 33.4 | -0.1 | 0.1 | 0.1 | 0.0 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 12:40:00 | 13 | 4.5 | -59 29.6 | -32767.0 | -32767.0 | -32767 | 57 | 35.8 | 0.0 | 0.1 | -0.2 | -0.0 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 12:40:30 | 13 | 4.5 | -59 29.6 | 0.0 | -0.0 | 0.0 | 9 | 255.6 | -1.1 | 0.6 | 1006.3 | -0.7 | 30.4 | -32767.0 | 20.6 | 20.6 | 0.1 |
| 12:40:30 | 13 | 4.5 | -59 29.6 | -0.1 | -0.1 | 0.1 | 2 | 255.9 | -1.2 | 0.4 | 1007.6 | -0.7 | 30.0 | -32767.0 | 22.7 | 22.7 | 0.0 |
| 12:40:31 | 13 | 4.5 | -59 29.6 | -0.0 | 0.0 | 0.0 | 44 | 33.3 | 0.0 | 0.1 | 0.1 | 0.1 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 12:40:30 | 13 | 4.5 | -59 29.6 | -32767.0 | -32767.0 | -32767 | 58 | 35.8 | 0.3 | 0.1 | -0.5 | -0.0 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 12:41:00 | 13 | 4.5 | -59 29.7 | -6.1 | -1.5 | 6.3 | 9 | 255.8 | -0.3 | 0.6 | 1006.6 | -0.0 | 30.7 | -32767.0 | 20.5 | 20.5 | 0.1 |
| 12:41:00 | 13 | 4.5 | -59 29.7 | -6.2 | -1.6 | 6.4 | 1 | 256.1 | -0.3 | 0.5 | 1007.2 | 0.0 | 30.6 | -32767.0 | 22.7 | 22.7 | 0.0 |
| 12:41:01 | 13 | 4.5 | -59 29.7 | -6.1 | -1.5 | 6.3 | 44 | 33.3 | -0.1 | 0.1 | 0.2 | 0.1 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 12:41:00 | 13 | 4.5 | -59 29.7 | -32767.0 | -32767.0 | -32767 | 58 | 35.9 | 0.5 | 0.2 | 0.0 | 0.1 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 12:41:30 | 13 | 4.5 | -59 29.8 | -11.4 | -3.0 | 11.8 | 9 | 255.2 | -0.3 | 0.7 | 1006.4 | 0.3 | 30.0 | 29.9 | 20.9 | 20.9 | 0.1 |
| 12:41:30 | 13 | 4.5 | -59 29.8 | -11.5 | -3.1 | 11.9 | 1 | 255.5 | -0.3 | 0.5 | 1007.1 | 0.4 | 29.8 | 29.8 | 22.9 | 22.9 | 0.0 |
| 12:41:31 | 13 | 4.5 | -59 29.8 | -11.4 | -3.1 | 11.8 | 42 | 33.3 | -0.3 | 0.1 | 0.4 | 0.4 | -0.0 | -0.0 | 47.0 | 47.0 | 58.2 |
| 12:41:30 | 13 | 4.5 | -59 29.8 | 302.5 | 348.8 | 51 | 58 | 35.9 | 0.3 | 0.3 | 0.3 | 0.3 | -0.0 | 13.8 | 64.2 | 4.6 | 7.3 |
| 12:42:00 | 13 | 4.4 | -59 30.0 | -11.9 | -3.0 | 12.3 | 9 | 255.8 | -0.1 | 0.8 | 1006.3 | 0.4 | 29.8 | 29.7 | 20.8 | 20.8 | 0.1 |
| 12:42:00 | 13 | 4.4 | -59 30.0 | -12.0 | -3.1 | 12.4 | 1 | 256.0 | -0.1 | 0.7 | 1007.0 | 0.4 | 29.7 | 29.6 | 23.0 | 23.0 | 0.0 |
| 12:42:01 | 13 | 4.5 | -59 30.0 | -12.0 | -3.1 | 12.4 | 43 | 33.4 | -0.0 | 0.1 | 0.5 | 0.5 | -0.0 | -0.0 | 47.0 | 47.0 | 58.6 |
| 12:42:00 | 13 | 4.5 | -59 29.8 | 302.3 | 348.4 | 52 | 59 | 35.8 | 0.9 | 0.4 | 0.3 | 0.4 | -0.0 | 14.9 | 54.0 | 5.0 | 7.9 |
| 12:42:30 | 13 | 4.4 | -59 30.2 | -12.3 | -2.9 | 12.7 | 9 | 256.9 | -0.3 | -0.8 | 1006.4 | 0.2 | 29.8 | 29.8 | 20.5 | 20.5 | 0.1 |
| 12:42:30 | 13 | 4.4 | -59 30.2 | -12.5 | -3.0 | 12.8 | 1 | 257.2 | -0.3 | -0.9 | 1007.1 | 0.2 | 29.8 | 29.8 | 22.8 | 22.8 | 0.0 |
| 12:42:31 | 13 | 4.4 | -59 30.2 | -12.4 | -2.9 | 12.7 | 39 | 33.5 | 0.4 | 0.3 | 0.4 | 0.4 | -0.0 | -0.0 | 47.0 | 47.0 | 57.3 |
| 12:42:30 | 13 | 4.4 | -59 30.2 | 302.4 | 347.7 | 51 | 58 | 35.9 | 0.9 | 0.3 | 0.3 | 0.5 | -0.0 | 9.7 | 66.3 | 7.9 | 5.2 |
| 12:43:00 | 13 | 4.4 | -59 30.4 | -6.8 | -1.7 | 7.0 | 9 | 255.7 | -0.3 | -0.6 | 1006.4 | -0.2 | 31.2 | -32767.0 | 20.7 | 20.7 | 0.1 |
| 12:43:00 | 13 | 4.3 | -59 30.4 | -6.9 | -1.8 | 7.1 | 1 | 256.0 | -0.2 | -0.7 | 1007.1 | -0.2 | 31.2 | -32767.0 | 22.9 | 22.9 | 0.0 |
| 12:43:01 | 13 | 4.4 | -59 30.4 | -6.7 | -1.7 | 6.9 | 42 | 33.3 | -0.1 | 0.1 | 0.0 | 0.1 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 12:43:00 | 13 | 4.4 | -59 30.4 | -32767.0 | -32767.0 | -32767 | 58 | 35.9 | -0.3 | -0.1 | -0.1 | -0.0 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 12:43:30 | 13 | 4.3 | -59 30.4 | -0.0 | -0.0 | 0.0 | 9 | 181.9 | -0.9 | -0.6 | 1006.3 | -0.2 | 31.7 | -32767.0 | 21.0 | 21.0 | 0.1 |
| 12:43:30 | 13 | 4.3 | -59 30.5 | -0.1 | -0.1 | 0.2 | 2 | 182.3 | -1.0 | -0.7 | 1007.0 | -0.1 | 31.7 | -32767.0 | 23.0 | 23.0 | 0.0 |
| 12:43:31 | 13 | 4.3 | -59 30.4 | -0.0 | -0.0 | 0.0 | 49 | 33.3 | 0.0 | 0.1 | 0.0 | 0.0 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 12:43:30 | 13 | 4.3 | -59 30.4 | -32767.0 | -32767.0 | -32767 | 58 | 35.9 | -0.1 | 0.0 | -0.1 | -0.1 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 12:44:00 | 13 | 4.3 | -59 30.4 | -0.0 | -0.0 | 0.0 | 9 | 182.0 | -0.9 | -0.6 | 1006.3 | -0.3 | 32.2 | -32767.0 | 20.8 | 20.8 | 0.1 |
| 12:44:00 | 13 | 4.3 | -59 30.5 | -0.2 | -0.1 | 0.2 | 2 | 182.3 | -0.9 | -0.7 | 1007.0 | -0.2 | 32.2 | -32767.0 | 23.0 | 23.0 | 0.0 |
| 12:44:01 | 13 | 4.3 | -59 30.4 | 0.0 | -0.0 | 0.0 | 49 | 33.3 | 0.0 | 0.1 | 0.0 | 0.0 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 12:44:00 | 13 | 4.3 | -59 30.4 | -32767.0 | -32767.0 | -32767 | 58 | 35.9 | 0.1 | 0.2 | -0.2 | 0.0 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 12:44:30 | 13 | 4.3 | -59 30.4 | 1.7 | -6.2 | 6.4 | 9 | 163.9 | -0.8 | -0.7 | 1006.3 | -0.0 | 31.8 | -32767.0 | 21.0 | 21.0 | 0.1 |
| 12:44:30 | 13 | 4.2 | -59 30.5 | 1.5 | -6.3 | 6.5 | 1 | 164.2 | -0.9 | -0.8 | 1007.1 | 0.0 | 31.4 | -32767.0 | 23.3 | 23.3 | 0.0 |
| 12:44:31 | 13 | 4.3 | -59 30.4 | 1.6 | -6.2 | 6.4 | 52 | 33.3 | -0.0 | 0.0 | 0.1 | 0.4 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 12:44:30 | 13 | 4.3 | -59 30.4 | -32767.0 | -32767.0 | -32767 | 57 | 35.9 | -2.0 | -0.8 | 0.0 | 0.4 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 12:45:00 | 13 | 4.3 | -59 30.1 | 40.6 | 10.2 | 41.9 | 9 | 75.8 | -0.6 | 0.2 | 1006.6 | 12.0 | 30.2 | 29.2 | 20.3 | 20.3 | 0.1 |
| 12:45:00 | 13 | 4.3 | -59 30.2 | 40.5 | 10.1 | 41.7 | 1 | 76.0 | -0.6 | 0.1 | 1008.6 | 12.1 | 30.2 | 29.2 | 22.6 | 22.6 | 0.0 |
| 12:45:01 | 13 | 4.3 | -59 30.2 | 40.7 | 10.2 | 42.0 | 47 | 33.4 | -3.7 | -4.4 | 13.7 | 14.9 | -0.0 | -0.9 | 47.0 | 47.0 | 58.9 |
| 12:45:00 | 13 | 4.3 | -59 30.2 | 301.6 | 346.1 | 39 | 55 | 35.8 | -5.8 | -2.1 | 11.9 | 13.3 | -0.0 | 86.0 | 46.1 | 4.2 | 45.6 |
| 12:45:30 | 13 | 4.6 | -59 29.1 | 71.5 | 18.2 | 73.8 | 9 | 75.7 | 6.4* | 0.6 | 1001.0 | 36.4 | 31.1 | 28.0 | 19.8 | 19.8 | 0.1 |
| 12:45:30 | 13 | 4.5 | -59 29.2 | 71.4 | 18.1 | 73.6 | 35 | 76.0 | 6.4* | 0.5 | 1004.1 | 36.5 | 31.2 | 28.1 | 22.2 | 22.2 | 0.0 |
| 12:45:31 | 13 | 4.6 | -59 29.1 | 71.5 | 18.3 | 73.8 | 84 | 33.4 | 13.0 | -2.2 | 37.8 | 42.5 | -0.0 | -2.8 | 47.0 | 47.0 | 61.1 |
| 12:45:30 | 13 | 4.6 | -59 29.2 | 300.8 | 344.0 | 76 | 90 | 35.8 | -15.1 | -5.3 | 36.4 | 38.9 | -0.0 | 149.1 | 43.5 | 5.9 | 79.0 |
| 12:46:00 | 13 | 4.8 | -59 27.9 | 73.8 | 33.5 | 81.0 | 9 | 62.6* | 6.9 | -9.6 | 987.6 | 42.8 | 30.4 | 26.8 | 20.0 | 20.0 | 0.1 |
| 12:46:00 | 13 | 4.8 | -59 27.9 | 73.6 | 33.4 | 80.8 | 205 | 62.9* | 6.8 | -9.7 | 990.9 | 42.9 | 30.5 | 26.8 | 22.3 | 22.3 | 0.0 |
| 12:46:01 | 13 | 4.8 | -59 27.9 | 73.8 | 33.5 | 81.0 | 205 | 33.3 | 20.5 | -1.4 | 45.8 | 49.6 | -0.0 | -3.3 | 47.0 | 47.0 | 66.6 |
| 12:46:00 | 13 | 4.8 | -59 27.9 | 300.7 | 344.9 | 188 | 208 | 35.8 | 6.7 | 2.0 | 42.8 | 45.3 | -0.0 | 161.5 | 47.2 | 5.0 | 86.0 |
| 12:46:30 | 13 | 5.7 | -59 26.7 | 66.5 | 67.6 | 94.8 | 9 | 45.3 | 5.0* | -2.8* | 979.0 | 57.2 | 30.9 | 26.1 | 19.5 | 19.5 | 0.0 |
| 12:46:30 | 13 | 5.7 | -59 26.8 | 66.3 | 67.5 | 94.7 | 278 | 45.6 | 5.0* | -2.9* | 982.9 | 57.3 | 31.0 | 26.1 | 21.8 | 21.8 | 0.0 |
| 12:46:31 | 13 | 5.7 | -59 26.8 | 66.5 | 67.7 | 94.9 | 273 | 33.4 | 13.8 | -7.0 | 59.1 | 64.8 | -0.0 | -4.4 | 47.0 | 47.0 | 67.3 |
| 12:46:30 | 13 | 5.7 | -59 26.8 | 300.7 | 343.9 | 255 | 282 | 35.8 | -8.2 | -2.7 | 57.3 | 60.5 | -0.0 | 186.3 | 52.0 | 4.6 | 99.4 |
| 12:47:00 | 13 | 7.0 | -59 25.7 | 50.5 | 95.7 | 108.2 | 358 | 29.3 | 4.2 | -2.9 | 969.3 | 73.2 | 31.3 | 25.2 | 19.5 | 19.5 | 0.1 |
| 12:47:00 | 13 | 7.0 | -59 25.8 | 50.3 | 95.6 | 108.0 | 361 | 29.6 | 4.2 | -3.0 | 973.6 | 73.3 | 31.5 | 25.2 | 22.0 | 22.0 | 0.0 |
| 12:47:01 | 13 | 7.0 | -59 25.7 | 50.4 | 95.8 | 108.3 | 356 | 33.1 | 6.4 | -12.1 | 74.8 | 81.2 | -0.0 | -5.6 | 47.0 | 47.0 | 71.2 |
| 12:47:00 | 13 | 7.0 | -59 25.8 | 300.7 | 344.4 | 335 | 364 | 35.8 | -6.3 | -1.8 | 73.3 | 76.7 | -0.0 | 210.1 | 60.4 | 4.9 | 112.5 |
| 12:47:30 | 13 | 8.7 | -59 24.9 | 51.2 | 107.4 | 119.0 | 449 | 26.4 | 3.2 | 0.0 | 958.8 | 86.5 | 31.7 | 24.5 | 19.3 | 19.3 | 0.1 |
| 12:47:30 | 13 | 8.6 | -59 25.0 | 51.0 | 107.3 | 118.8 | 452 | 26.7 | 3.2 | -0.1 | 963.7 | 86.6 | 31.9 | 24.5 | 21.6 | 21.6 | 0.0 |
| 12:47:31 | 13 | 8.7 | -59 24.9 | 51.1 | 107.5 | 119.0 | 445 | 33.2 | -5.6 | -19.0 | 88.4 | 94.8 | -0.0 | -6.6 | 47.0 | 47.0 | 73.3 |
| 12:47:30 | 13 | 8.7 | -59 24.9 | 300.9 | 344.5 | 421 | 454 | 35.9 | -0.6 | -0.1 | 86.5 | 90.9 | -0.0 | 228.0 | 63.5 | 4.3 | 122.5 |
| 12:48:00 | 13 | 10.4 | -59 24.0 | 55.3 | 101.6 | 115.6 | 631 | 30.3 | 4.1* | 1.4* | 938.9 | 80.5 | 30.1 | 23.3 | 18.3 | 18.3 | 0.1 |
| 12:48:00 | 13 | 10.4 | -59 24.1 | 55.1 | 101.5 | 115.5 | 637 | 30.6 | 4.0* | 1.3* | 943.8 | 80.6 | 30.0 | 23.0 | 20.6 | 20.6 | 0.0 |
| 12:48:01 | 13 | 10.4 | -59 24.1 | 55.1 | 101.7 | 115.6 | 632 | 23.0 | -3.7 | -17.4 | 81.5 | 88.4 | -0.0 | -6.3 | 47.0 | 47.0 | 73.9 |
| 12:48:00 | 13 | 10.4 | -59 24.1 | 301.4 | 343.2 | 595 | 639 | 28.2 | -7.5 | -2.2 | 80.5 | 84.7 | -0.0 | 220.2 | 71.4 | 4.6 | 119.3 |
| 12:48:30 | 13 | 12.0 | -59 23.1 | 55.1 | 94.6 | 109.5 | 818 | 31.9 | 6.0 | 1.6 | 919.9 | 70.2 | 28.8 | 22.7 | 15.4 | 15.4 | 0.1 |
| 12:48:30 | 13 | 12.0 | -59 23.2 | 54.9 | 94.5 | 109.3 | 818 | 32.2 | 6.1 | 1.4 | 924.6 | 70.3 | 28.5 | 22.3 | 17.8 | 17.8 | 0.0 |
| 12:48:31 | 13 | 12.0 | -59 23.2 | 55.0 | 94.7 | 109.5 | 810 | 22.1 | 10.3 | -9.7 | 71.5 | 78.2 | -0.0 | -5.6 | 47.0 | 47.0 | 63.6 |
| 12:48:30 | 13 | 12.0 | -59 23.2 | 302.5 | 338.2 | 766 | 819 | 28.0 | -5.1 | -1.2 | 70.3 | 74.1 | -0.0 | 205.9 | 78.5 | 4.0 | 112.5 |
| 12:49:00 | 13 | 13.5 | -59 22.3 | 46.3 | 92.7 | 103.7 | 1000 | 28.4 | 8.2 | 0.2 | 901.0 | 61.7 | 28.4 | 22.9 | 7.1 | 7.1 | 0.1 |
| 12:49:00 | 13 | 13.5 | -59 22.4 | 46.1 | 92.6 | 103.5 | 1001 | 28.7 | 8.2 | 0.0 | 905.3 | 61.7 | 28.1 | 22.5 | 8.8 | 8.8 | 0.0 |
| 12:49:01 | 13 | 13.5 | -59 22.3 | 46.1 | 92.8 | 103.6 | 995 | 21.9 | 17.5 | -5.0 | 63.3 | 69.4 | -0.0 | -5.1 | 47.0 | 47.0 | 36.2 |
| 12:49:00 | 13 | 13.5 | -59 22.3 | 304.5 | 326.0 | 940 | 1001 | 27.8 | -2.6 | -0.6 | 61.7 | 65.4 | -0.0 | 193.3 | 83.7 | 4.3 | 106.6 |
| 12:49:30 | 13 | 15.1 | -59 21.7 | 18.7 | 104.5 | 106.2 | 1118 | 13.0 | 2.9 | 0.4* | 889.4 | 62.1 | 27.6 | 22.0 | 4.7 | 4.7 | 0.1 |
| 12:49:30 | 13 | 15.0 | -59 21.8 | 18.5 | 104.4 | 106.1 | 1114 | 13.2 | 3.0 | 0.2* | 893.5 | 62.2 | 27.2 | 21.5 | 7.5 | 7.5 | 0.0 |
| 12:49:31 | 13 | 15.1 | -59 21.8 | 18.5 | 104.5 | 106.2 | 1107 | 21.2 | 15.5 | -6.7 | 63.3 | 69.4 | -0.0 | -5.2 | 47.0 | 47.0 | 32.3 |
| 12:49:30 | 13 | 15.1 | -59 21.8 | 304.8 | 323.3 | 1048 | 1118 | 27.7 | -5.5 | -1.7 | 62.2 | 65.5 | -0.0 | 194.0 | 87.4 | 5.0 | 107.4 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 12:50:00 | 13 | 16.7 | -59 21.1 | 59.8 | 92.8 | 110.4 | 1144 | 35.4 | 6.8 | 2.8* | 886.3 | 70.1 | 28.0 | 21.7 | 5.4 | 5.4 | 0.0 |
| 12:50:00 | 13 | 16.7 | -59 21.2 | 59.6 | 92.7 | 110.2 | 1139 | 35.7 | 6.8 | 2.7* | 891.1 | 70.2 | 27.8 | 21.3 | 7.9 | 7.9 | 0.0 |
| 12:50:01 | 13 | 16.8 | -59 21.1 | 59.7 | 92.8 | 110.3 | 1136 | 20.8 | 15.2 | -9.6 | 71.0 | 78.3 | -0.0 | -5.8 | 47.0 | 47.0 | 34.3 |
| 12:50:00 | 13 | 16.7 | -59

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 12:55:00 | 13 30.2 | -59 7.8 | 97.4 | 85.6 | 129.7 | 2288 | 49.7 | 2.2 | -2.2 | 774.9 | 84.4 | 23.2 | 14.9 | -1.7 | -1.9 | 0.1 |
| 12:55:00 | 13 30.1 | -59 7.9 | 97.2 | 85.5 | 129.5 | 2266 | 50.0 | 2.2 | -2.3 | 780.1 | 84.5 | 22.9 | 14.4 | 0.5 | 0.5 | 0.0 |
| 12:55:01 | 13 30.2 | -59 7.8 | 97.2 | 85.5 | 129.4 | 2275 | 13.5 | -0.9 | -16.5 | 83.9 | 91.9 | -0.0 | -7.9 | 47.0 | 47.0 | 31.4 |
| 12:55:00 | 13 30.1 | -59 8.0 | 309.2 | 322.8 | 2152 | 2282 | 26.1 | -15.1 | -5.0 | 84.3 | 88.7 | -0.6 | 225.3 | 64.6 | 1.9 | 131.5 |
| 12:55:30 | 13 31.6 | -59 6.2 | 93.7 | 86.1 | 127.2 | 2287 | 48.4 | 2.2 | -0.8 | 775.1 | 80.6 | 22.5 | 14.6 | 0.5 | 0.5 | 0.1 |
| 12:55:30 | 13 31.5 | -59 6.3 | 93.5 | 86.0 | 127.0 | 2264 | 48.7 | 2.3 | -0.9 | 780.3 | 80.6 | 22.2 | 14.0 | 3.2 | 3.2 | 0.0 |
| 12:55:31 | 13 31.6 | -59 6.3 | 93.3 | 86.0 | 126.9 | 2274 | 13.2 | 2.1 | -14.9 | 80.2 | 87.9 | -0.0 | -7.6 | 47.0 | 47.0 | 38.5 |
| 12:55:30 | 13 31.6 | -59 6.3 | 308.8 | 324.9 | 2150 | 2281 | 25.8 | -12.8 | -4.1 | 80.5 | 84.8 | -0.6 | 220.2 | 77.3 | 1.4 | 128.5 |
| 12:56:00 | 13 33.0 | -59 4.6 | 92.8 | 84.0 | 125.2 | 2287 | 48.6 | 2.5 | 3.1* | 775.2 | 77.6 | 22.3 | 14.6 | -0.0 | -0.0 | 0.1 |
| 12:56:00 | 13 32.9 | -59 4.7 | 92.7 | 83.9 | 125.0 | 2264 | 48.8 | 2.5 | 2.9* | 780.3 | 77.6 | 22.0 | 14.1 | 4.3 | 4.3 | 0.0 |
| 12:56:01 | 13 33.0 | -59 4.7 | 92.5 | 84.1 | 125.0 | 2261 | 13.5 | 4.7 | -13.7 | 77.3 | 84.9 | -0.0 | -7.3 | 47.0 | 47.0 | 36.8 |
| 12:56:00 | 13 33.0 | -59 4.7 | 308.9 | 324.4 | 2150 | 2280 | 25.9 | -12.6 | -4.0 | 77.6 | 81.7 | -0.6 | 216.2 | 37.4 | 0.9 | 126.2 |
| 12:56:30 | 13 34.3 | -59 3.1 | 94.5 | 78.8 | 123.1 | 2286 | 50.9 | 2.8 | -0.1 | 775.3 | 73.9 | 22.0 | 14.7 | -0.2 | -0.2 | 0.1 |
| 12:56:30 | 13 34.2 | -59 3.2 | 94.3 | 78.7 | 122.9 | 2263 | 51.2 | 2.8 | -0.2 | 780.2 | 73.9 | 21.7 | 14.2 | -0.7 | -0.8 | 0.0 |
| 12:56:31 | 13 34.3 | -59 3.2 | 94.2 | 78.7 | 122.8 | 2260 | 13.3 | 7.3 | -12.2 | 73.8 | 81.0 | -0.0 | -7.0 | 47.0 | 47.0 | 36.2 |
| 12:56:30 | 13 33.8* | -59 3.8* | 309.0 | 324.3 | 2151 | 2280 | 24.9 | -11.0 | -3.4 | 73.9 | 77.7 | -0.6 | 211.1 | 111.5 | 0.3 | 123.2 |
| 12:57:00 | 13 35.6 | -59 1.5 | 93.6 | 77.9 | 121.7 | 2282 | 51.0 | 3.0 | -0.4 | 775.6 | 72.3 | 21.9 | 14.7 | -0.4 | -0.4 | 0.1 |
| 12:57:00 | 13 35.5 | -59 1.6 | 93.4 | 77.8 | 121.5 | 2261 | 51.2 | 2.9 | -0.5 | 780.4 | 72.4 | 21.6 | 14.2 | 3.3 | 3.3 | 0.0 |
| 12:57:01 | 13 35.6 | -59 1.6 | 93.3 | 77.7 | 121.5 | 2255 | 13.4 | 10.2 | -10.6 | 72.3 | 79.5 | -0.0 | -6.8 | 47.0 | 47.0 | 35.5 |
| 12:57:00 | 13 35.5 | -59 1.7 | 309.0 | 324.1 | 2149 | 2278 | 26.4 | -11.5 | -3.6 | 72.4 | 76.1 | -0.6 | 208.9 | 86.7 | 0.3 | 122.0 |
| 12:57:30 | 13 36.8 | -58 60.0 | 93.4 | 78.2 | 121.8 | 2287 | 50.9 | 2.8 | -0.1 | 775.3 | 72.6 | 21.8 | 14.6 | 1.3 | 1.3 | 0.1 |
| 12:57:30 | 13 36.8 | -59 0.1 | 93.2 | 78.1 | 121.6 | 2265 | 51.1 | 2.8 | -0.2 | 780.1 | 72.6 | 21.5 | 14.1 | 3.6 | 3.6 | 0.0 |
| 12:57:31 | 13 36.8 | -59 0.1 | 93.1 | 78.1 | 121.5 | 2257 | 13.2 | 8.4 | -11.4 | 72.6 | 79.8 | -0.0 | -6.9 | 47.0 | 47.0 | 40.5 |
| 12:57:30 | 13 36.8 | -59 0.1 | 308.9 | 325.9 | 2152 | 2280 | 26.4 | -11.0 | -3.5 | 72.6 | 76.3 | -0.6 | 209.3 | 98.2 | 0.6 | 122.2 |
| 12:58:00 | 13 38.1 | -58 58.4 | 93.9 | 78.5 | 122.4 | 2285 | 50.8 | 2.9 | 0.0 | 775.3 | 74.4 | 22.1 | 14.7 | 0.4 | 0.4 | 0.1 |
| 12:58:00 | 13 38.0 | -58 58.5 | 93.7 | 78.4 | 122.2 | 2265 | 51.1 | 2.8 | -0.1 | 780.2 | 74.4 | 21.8 | 14.2 | 1.8 | 1.8 | 0.0 |
| 12:58:01 | 13 38.1 | -58 58.5 | 93.7 | 78.3 | 122.1 | 2256 | 13.3 | 7.6 | -12.0 | 74.3 | 81.6 | -0.0 | -7.0 | 47.0 | 47.0 | 37.8 |
| 12:58:00 | 13 38.1 | -58 58.5 | 309.0 | 325.0 | 2151 | 2279 | 26.5 | -11.5 | -3.6 | 74.4 | 78.2 | -0.6 | 211.8 | 50.0 | 1.3 | 123.7 |
| 12:58:30 | 13 39.4 | -58 56.8 | 94.0 | 78.6 | 122.6 | 2287 | 51.1 | 2.7 | -0.5 | 775.2 | 74.7 | 22.2 | 14.8 | 5.0 | 5.0 | 0.0 |
| 12:58:30 | 13 39.3 | -58 57.0 | 93.8 | 78.5 | 122.4 | 2264 | 51.4 | 2.7 | -0.6 | 780.1 | 74.7 | 21.9 | 14.3 | 3.4 | 3.4 | 0.0 |
| 12:58:31 | 13 39.4 | -58 56.9 | 93.8 | 78.5 | 122.3 | 2262 | 13.2 | 7.8 | -11.6 | 74.6 | 81.9 | -0.0 | -7.0 | 47.0 | 47.0 | 52.3 |
| 12:58:30 | 13 39.4 | -58 57.0 | 309.1 | 331.0 | 2152 | 2281 | 26.6 | -12.1 | -3.8 | 74.7 | 78.5 | -0.6 | 212.3 | 77.5 | 1.6 | 124.0 |
| 12:59:00 | 13 40.7 | -58 55.3 | 95.1 | 79.7 | 124.0 | 2287 | 50.9 | 2.6 | -0.3 | 775.1 | 76.1 | 22.1 | 14.6 | 1.8 | 1.8 | 0.0 |
| 12:59:00 | 13 40.6 | -58 55.4 | 94.9 | 79.6 | 123.8 | 2266 | 51.2 | 2.6 | -0.4 | 780.0 | 76.1 | 21.8 | 14.0 | 2.0 | 2.0 | 0.0 |
| 12:59:01 | 13 40.7 | -58 55.4 | 94.9 | 79.5 | 123.8 | 2264 | 13.1 | 5.6 | -13.1 | 76.0 | 83.4 | -0.0 | -7.2 | 47.0 | 47.0 | 42.2 |
| 12:59:00 | 13 40.5 | -58 55.6 | 308.8 | 326.4 | 2153 | 2282 | 26.5 | -11.5 | -3.5 | 76.1 | 80.0 | -0.5 | 214.2 | 80.6 | 1.2 | 125.1 |
| 12:59:30 | 13 42.0 | -58 53.7 | 96.6 | 81.2 | 126.2 | 2287 | 50.9 | 2.4 | -0.1 | 774.9 | 79.5 | 22.4 | 14.5 | 1.3 | 1.3 | 0.1 |
| 12:59:30 | 13 41.9 | -58 53.8 | 96.5 | 81.1 | 126.0 | 2266 | 51.1 | 2.4 | -0.2 | 780.0 | 79.6 | 22.1 | 14.0 | 3.5 | 3.5 | 0.0 |
| 12:59:31 | 13 42.0 | -58 53.8 | 96.5 | 80.9 | 126.0 | 2267 | 13.0 | 2.4 | -14.7 | 79.4 | 87.0 | -0.0 | -7.5 | 47.0 | 47.0 | 40.6 |
| 12:59:30 | 13 42.0 | -58 53.8 | 308.8 | 325.8 | 2153 | 2282 | 26.4 | -12.4 | -3.9 | 79.5 | 83.6 | -0.5 | 218.8 | 69.2 | 1.6 | 127.7 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 13:00:00 | 13 43.3 | -58 52.1 | 98.8 | 83.0 | 129.1 | 2289 | 50.8 | 2.0 | 0.0 | 774.7 | 81.9 | 22.2 | 14.1 | 2.0 | 2.0 | 0.1 |
| 13:00:00 | 13 43.2 | -58 52.2 | 98.6 | 83.0 | 128.9 | 2268 | 51.1 | 2.0 | -0.1 | 780.0 | 81.9 | 21.9 | 13.6 | 4.8 | 4.8 | 0.0 |
| 13:00:01 | 13 43.3 | -58 52.2 | 98.7 | 82.8 | 128.9 | 2269 | 12.7 | -0.1 | -16.0 | 81.8 | 89.4 | -0.0 | -7.7 | 47.0 | 47.0 | 44.1 |
| 13:00:00 | 13 43.3 | -58 52.2 | 308.4 | 326.3 | 2152 | 2284 | 26.2 | -11.6 | -3.6 | 81.8 | 86.2 | -0.5 | 222.0 | 102.3 | 0.6 | 129.5 |
| 13:00:30 | 13 44.7 | -58 50.4 | 100.3 | 84.1 | 130.9 | 2289 | 51.1 | 2.0 | -0.3 | 774.7 | 84.3 | 22.6 | 14.4 | 1.8 | 1.8 | 0.1 |
| 13:00:30 | 13 44.6 | -58 50.5 | 100.1 | 84.1 | 130.7 | 2268 | 51.4 | 2.0 | -0.3 | 780.1 | 84.4 | 22.4 | 13.8 | 4.3 | 4.3 | 0.0 |
| 13:00:31 | 13 44.7 | -58 50.5 | 100.2 | 83.9 | 130.7 | 2271 | 12.7 | -1.9 | -17.1 | 84.0 | 91.9 | -0.0 | -7.9 | 47.0 | 47.0 | 42.9 |
| 13:00:30 | 13 44.3 | -58 51.0 | 308.6 | 326.2 | 2152 | 2283 | 26.4 | -13.9 | -4.5 | 84.2 | 88.8 | -0.5 | 225.2 | 111.2 | 0.9 | 131.4 |
| 13:01:00 | 13 46.0 | -58 48.7 | 100.2 | 84.2 | 130.8 | 2287 | 51.0 | 2.1 | -0.1 | 774.9 | 83.3 | 22.2 | 14.0 | 4.5 | 4.5 | 0.1 |
| 13:01:00 | 13 46.0 | -58 48.9 | 100.0 | 84.1 | 130.7 | 2264 | 51.2 | 2.1 | -0.3 | 780.2 | 83.3 | 21.9 | 13.5 | 7.0 | 7.0 | 0.0 |
| 13:01:01 | 13 46.0 | -58 48.8 | 100.1 | 83.9 | 130.6 | 2269 | 12.6 | -0.8 | -16.5 | 83.1 | 90.8 | -0.0 | -7.8 | 47.0 | 47.0 | 53.0 |
| 13:01:00 | 13 46.0 | -58 48.9 | 308.3 | 329.4 | 2150 | 2281 | 26.3 | -12.7 | -4.0 | 83.3 | 87.7 | -0.5 | 223.8 | 162.0 | 0.9 | 130.5 |
| 13:01:30 | 13 47.4 | -58 47.1 | 100.2 | 84.2 | 130.8 | 2287 | 51.0 | 2.1 | -0.1 | 774.8 | 83.6 | 22.5 | 14.3 | 8.2 | 8.2 | 0.1 |
| 13:01:30 | 13 47.3 | -58 47.2 | 100.0 | 84.1 | 130.7 | 2264 | 51.3 | 2.1 | -0.2 | 780.2 | 83.7 | 22.2 | 13.7 | 6.3 | 6.3 | 0.0 |
| 13:01:31 | 13 47.4 | -58 47.2 | 100.1 | 83.9 | 130.6 | 2267 | 12.6 | -0.8 | -16.5 | 83.4 | 91.2 | -0.0 | -7.8 | 47.0 | 47.0 | 67.6 |
| 13:01:30 | 13 47.4 | -58 47.2 | 308.5 | 335.6 | 2150 | 2281 | 26.3 | -12.2 | -3.9 | 83.6 | 88.1 | -0.5 | 224.3 | 137.3 | 1.0 | 130.9 |
| 13:02:00 | 13 48.8 | -58 45.4 | 99.9 | 84.6 | 130.9 | 2288 | 51.0 | 1.9 | -0.4 | 774.7 | 84.1 | 23.1 | 14.8 | -3.2 | -3.7 | 0.1 |
| 13:02:00 | 13 48.7 | -58 45.5 | 99.7 | 84.6 | 130.7 | 2265 | 51.3 | 1.9 | -0.5 | 780.1 | 84.2 | 22.8 | 14.3 | -6.5 | -7.3 | 0.0 |
| 13:02:01 | 13 48.8 | -58 45.5 | 99.9 | 84.3 | 130.7 | 2270 | 13.2 | -1.6 | -16.9 | 83.9 | 91.7 | -0.0 | -7.9 | 47.0 | 47.0 | 27.7 |
| 13:02:00 | 13 48.7 | -58 45.5 | 309.2 | 321.2 | 2152 | 2282 | 26.6 | -12.7 | -4.1 | 84.1 | 88.5 | -0.5 | 224.9 | 126.6 | 1.5 | 131.2 |
| 13:02:30 | 13 50.1 | -58 43.8 | 98.8 | 83.8 | 129.5 | 2286 | 50.7 | 2.2 | -0.3 | 774.8 | 83.2 | 23.7 | 15.5 | -9.9 | -11.1 | 0.1 |
| 13:02:30 | 13 50.1 | -58 43.9 | 98.6 | 83.7 | 129.4 | 2266 | 51.0 | 2.2 | -0.4 | 780.2 | 83.2 | 23.4 | 14.9 | -10.7 | -12.0 | 0.0 |
| 13:02:31 | 13 50.1 | -58 43.9 | 98.8 | 83.4 | 129.3 | 2271 | 13.8 | -0.9 | -17.0 | 83.1 | 90.7 | -0.0 | -7.8 | 47.0 | 47.0 | 14.9 |
| 13:02:30 | 13 50.1 | -58 43.9 | 309.8 | 316.8 | 2151 | 2281 | 26.7 | -10.8 | -3.3 | 83.2 | 87.6 | -0.5 | 223.7 | 97.1 | 1.5 | 130.6 |
| 13:03:00 | 13 51.5 | -58 42.1 | 97.1 | 81.6 | 126.8 | 2286 | 51.2 | 2.4 | -0.3 | 775.1 | 80.2 | 23.3 | 15.4 | -11.2 | -12.6 | 0.1 |
| 13:03:00 | 13 51.4 | -58 42.3 | 96.9 | 81.6 | 126.7 | 2263 | 51.4 | 2.4 | -0.4 | 780.4 | 80.2 | 23.0 | 14.9 | -10.1 | -11.4 | 0.0 |
| 13:03:01 | 13 51.5 | -58 42.2 | 97.1 | 81.3 | 126.7 | 2271 | 13.8 | 2.2 | -14.8 | 79.9 | 87.5 | -0.0 | -7.5 | 47.0 | 47.0 | 13.4 |
| 13:03:00 | 13 51.4 | -58 42.2 | 309.7 | 316.0 | 2149 | 2279 | 27.0 | -12.9 | -4.1 | 80.1 | 84.4 | -0.5 | 219.7 | 91.2 | 1.8 | 128.2 |
| 13:03:30 | 13 52.8 | -58 40.5 | 95.1 | 80.2 | 124.5 | 2284 | 51.0 | 2.5 | -0.2 | 775.3 | 77.0 | 22.8 | 15.2 | -12.5 | -14.0 | 0.1 |
| 13:03:30 | 13 52.7 | -58 40.7 | 95.0 | 80.2 | 124.3 | 2262 | 51.3 | 2.5 | -0.2 | 780.2 | 77.1 | 22.5 | 14.7 | -9.6 | -10.8 | 0.0 |
| 13:03:31 | 13 52.8 | -58 40.6 | 95.2 | 79.9 | 124.3 | 2269 | 13.5 | 5.0 | -13.9 | 76.9 | 84.3 | -0.0 | -7.3 | 47.0 | 47.0 | 12.1 |
| 13:03:30 | 13 52.7 | -58 40.6 | 309.5 | 315.1 | 2151 | 2279 | 27.0 | -11.5 | -3.6 | 77.1 | 81.0 | -0.5 | 215.5 | 93.0 | 1.7 | 125.8 |
| 13:04:00 | 13 54.1 | -58 39.0 | 93.7 | 79.4 | 122.8 | 2284 | 51.0 | 2.7 | -0.3 | 775.4 | 75.4 | 22.8 | 15.3 | -12.6 | -14.1 | 0.1 |
| 13:04:00 | 13 54.0 | -58 39.1 | 93.6 | 79.4 | 122.7 | 2261 | 51.3 | 2.6 | -0.5 | 780.3 | 75.5 | 22.5 | 14.8 | -9.7 | -11.0 | 0.0 |
| 13:04:01 | 13 54.1 | -58 39.1 | 93.8 | 79.1 | 122.7 | 2256 | 13.5 | 6.7 | -12.7 | 75.3 | 82.7 | -0.0 | -7.1 | 47.0 | 47.0 | 11.8 |
| 13:04:00 | 13 54.0 | -58 39.1 | 309.7 | 315.2 | 2150 | 2277 | 27.1 | -11.5 | -3.6 | 75.5 | 79.3 | -0.5 | 213.3 | 91.1 | 2.2 | 124.5 |
| 13:04:30 | 13 55.4 | -58 37.4 | 92.4 | 78.7 | 121.4 | 2285 | 51.0 | 2.8 | -0.2 | 775.3 | 73.4 | 22.6 | 15.3 | -11.9 | -13.3 | 0.1 |
| 13:04:30 | 13 55.3 | -58 37.6 | 92.3 | 78.7 | 121.2 | 2263 | 51.3 | 2.8 | -0.3 | 780.1 | 73.4 | 22.2 | 14.7 | -9.3 | -10.5 | 0.0 |
| 13:04:31 | 13 55.3 | -58 37.5 | 92.5 | 78.3 | 121.2 | 2256 | 13.5 | 7.3 | -12.0 | 73.3 | 80.5 | -0.0 | -6.9 | 47.0 | 47.0 | 12.7 |
| 13:04:30 | 13 55.3 | -58 37.5 | 309.6 | 315.5 | 2151 | 2278 | 27.0 | -11.4 | -3.6 | 73.3 | 77.1 | -0.5 | 210.4 | 95.5 | 2.1 | 122.8 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 13:05:00 | 13 56.6 | -58 35.9 | 91.7 | 78.3 | 120.6 | 2282 | 51.0 | 3.2 | -0.3 | 775.6 | 71.9 | 22.4 | 15.3 | -11.3 | -12.7 | 0.1 |
| 13:05:00 | 13 56.6 | -58 36.0 | 91.6 | 78.3 | 120.5 | 2263 | 51.2 | 3.1 | -0.4 | 780.3 | 72.0 | 22.1 | 14.8 | -8.6 | -9.7 | 0.0 |
| 13:05:01 | 13 56.6 | -58 36.0 | 91.9 | 77.9 | 120.5 | 2256 | 13.5 | 9.2 | -10.9 | 72.0 | 79.1 | -0.0 | -6.8 | 47.0 | 47.0 | 13.3 |
| 13:05:00 | 13 56.6 | -58 36.0 | 309.6 | 315.8 | 2150 | 2276 | 27.0 | -11.1 | -3.5 | 72.0 | 75.7 | -0.5 | 208.4 | 108.5 | 2.0 | 121.7 |
| 13:05:30 | 13 57.9 | -58 34.4 | 91.4 | 78.5 | 120.5 | 2286 | 51.0 | 3.1 | -0.3 | 775.3 | 72.2 | 22.6 | 15.4 | -11.0 | -12.4 | 0.0 |
| 13:05:30 | 13 57.8 | -58 34.5 | 91.3 | 78.5 | 120.4 | 2262 | 51.2 | 3.1 | -0.4 | 780.1 | 72.2 | 22.3 | 14.9 | -9.1 | -10.3 | 0.0 |
| 13:05:31 | 13 57.9 | -58 34.4 | 91.6 | 78.0 | 120.4 | 2259 | 13.6 | 9.2 | -10.9 | 72.2 | 79.4 | -0.0 | -6.8 | 47.0 | 47.0 | 13.5 |
| 13:05:30 | 13 57.9 | -58 34.5 | 309.8 | 316.1 | 2152 | 2278 | 27.0 | -11.2 | -3.6 | 72.2 | 76.0 | -0.5 | 208.7 | 104.4 | 2.4 | 121.9 |
| 13:06:00 | 13 59.2 | -58 32.8 | 92.0 | 78.7 | 121.1 | 2284 | 50.8 | 2.8 | 0.1 | 775.3 | 72.8 | 22.5 | 15.3 | -12.1 | -13.6 | 0.1 |
| 13:06:00 | 13 59.1 | -58 33.0 | 91.9 | 78.7 | 121.0 | 2264 | 51.1 | 2.8 | -0.0 | 780.1 | 72.8 | 22.2 | 14.8 | -8.7 | -9.8 | 0.0 |
| 13:06:01 | 13 59.1 | -58 32.9 | 92.2 | 78.2 | 120.9 | 2258 | 13.5 | 8.5 | -11.4 | 72.9 | 80.0 | -0.0 | -6.9 | 47.0 | 47.0 | 12.4 |
| 13:06:00 | 13 59.0 | -58 33.0 | 309.6 | 315.4 | 2152 | 2279 | 26.9 | -11.1 | -3.5 | 72.8 | 76.6 | -0.5 | 209.6 | 97.6 | 1.9 | 122.4 |
| 13:06:30 | 14 0.5 | -58 31.3 | 92.4 | 79.1 | 121.6 | 2285 | 51.0 | 3.0 | -0.1 | 775.2 | 73.7 | 22.8 | 15.5 | -11.1 | -12.5 | 0.1 |
| 13:06:30 | 14 0.4 | -58 31.5 | 92.3 | 79.1 | 121.6 | 2265 | 51.3 | 3.1 | -0.2 | 780.0 | 73.8 | 22.5 | 15.0 | -11.3 | -12.7 | 0.0 |
| 13:06:31 | 14 0.4 | -58 31.4 | 92.7 | 78.7 | 121.6 | 2259 | 13.7 | 7.1 | -12.2 | 73.7 | 80.9 | -0.0 | -7.0 | 47.0 | 47.0 | 13.3 |
| 13:06:30 | 14 0.4 | -58 31.4 | 309.9 | 316.2 | 2153 | 2279 | 27.1 | -11.5 | -3.6 | 73.8 | 77.6 | -0.5 | 210.9 | 99.1 | 2.3 | 123.2 |
| 13:07:00 | 14 1.8 | -58 29.8 | 89.9 | 77.4 | 118.6 | 2331 | 50.8 | 4.9 | -0.3 | 771.1 | 68.7 | 22.1 | 15.2 | -11.2 | -12.6 | 0.1 |
| 13:07:00 | 14 1.7 | -58 29.9 | 89.8 | 77.4 | 118.5 | 2311 | 51.1 | 4.8 | -0.4 | 775.8 | 68.7 | 21.8 | 14.7 | -9.1 | -10.2 | 0.0 |
| 13:07:01 | 14 1.7 | -58 29.8 | 90.1 | 76.9 | 118.5 | 2307 | 13.3 | 14.9 | -8.6 | 69.0 | 76.0 | -0.0 | -6.5 | 47.0 | 47.0 | 13.4 |
| 13:07:00 | 14 1.7 | -58 29.9 | 310.1 | 316.3 | 2196 | 2326 | 27.0 | -11.6 | -3.7 | 68.7 | 72.5 | -0.5 | 203.7 | 121.6 | 1.8 | 119.3 |
| 13:07:30 | 14 3.0 | -58 28.3 | 86.1 | 74.7 | 114.0 | 2437 | 50.3 | 5.3 | 0.5 | 761.6 | 62.5 | 21.3 | 15.0 | -11.2 | -12.6 | 0.1 |
| 13:07:30 | 14 2.9 | -58 28.5 | 86.0 | 74.7 | 113.9 | 2405 | 50.5 | 5.3 | 0.4 | 766.1 | 62.5 | 21.0 | 14.4 | -9.7 | -10.9 | 0.0 |
| 13:07:31 | 14 2.9 | -58 28.4 | 86.4 | 74.2 | 113.9 | 2420 | 13.0 | 14.5 | -7.7 | 63.4 | 69.8 | -0.0 | -6.1 | 47.0 | 47.0 | 13.7 |
| 13:07:30 | 14 2.9 | -58 28.4 | 310.9 | 317.3 | 2297 | 2432 | 26.9 | -8.0 | -2.4 | 62.6 | 66.1 | -0.5 | 194.6 | 120.5 | 1.4 | 114.6 |
| 13:08:00 | 14 4.2 | -58 26.9 | 86.8 | 75.8 | 115.2 | 2564 | 50.9 | 5.7 | -0.2 | 750.2 | 63.6 | 20.8 | 14.2 | -13.8 | -15.5 | 0.1 |
| 13:08:00 | 14 4.1 | -58 27.0 | 86.7 | 75.9 | 115.2 | 2530 | 51.2 | 5.6 | -0.4 | 754.8 | 63.6 | 20.4 | 13.7 | -13.6 | -15.2 | 0.0 |
| 13:08:01 | 14 4.1 | -58 26.9 | 87.1 | 75.3 | 115.1 | 2543 | 12.1 | 14.1 | -7.3 | 64.1 | 70.8 | -0.0 | -6.2 | 47.0 | 47.0 | 11.4 |
| 13:08:00 | 14 3.8* | -58 27.4* | 311.4 | 316.6 | 2416 | 2521* | 26.9 | -10.9 | -3.5 | 63.6 | 67.2 | -0.5 | 196.2 | 123.3 | 2.7 | 116.2 |
| 13:08:30 | 14 5.4 | -58 25.4 | 86.9 | 74.9 | 114.7 | 2710 | 52.2 | 5.7 | 1.8 | 737.7 | 62.8 | 20.1 | 13.5 | -3.4 | -3.9 | 0.1 |
| 13:08:30 | 14 5.4 | -58 25.6 | 86.8 | 75.0 | 114.7 | 2671 | 52.5 | 5.7 | 1.7 | 742.3 | 62.8 | 19.7 | 13.0 | -5.5 | -6.2 | 0.0 |
| 13:08:31 | 14 5.4 | -58 25.5 | 87.2 | 74.4 | 114.6 | 2681 | 11.6 | 13.8 | -6.6 | 63.1 | 70.0 | -0.0 | -6.3 | 47.0 | 47.0 | 29.7 |
| 13:08:30 | 14 5.3 | -58 25.5 | 312.1 | 324.7 | 2549 | 2697 | 26.9 | -13.6 | -4.6 | 62.8 | 66.4 | -0.5 | 195.0 | 119.0 | 4.1 | 116.4 |
| 13:09:00 | 14 6.6 | -58 24.0 | 89.2 | 71.5 | 114.4 | 2836 | 53.2 | 5.7 | 0.7 | 726.4 | 60.9 | 20.0 | 13.5 | -9.3 | -10.4 | 0.1 |
| 13:09:00 | 14 6.6 | -58 24.1 | 89.2 | 71.6 | 114.3 | 2796 | 53.4 | 5.6 | 0.5 | 730.8 | 61.0 | 19.6 | 12.9 | -13.4 | -15.0 | 0.0 |
| 13:09:01 | 14 6.5 | -58 24.0 | 89.5 | 71.0 | 114.3 | 2810 | 11.5 | 15.2 | -5.8 | 61.3 | 67.9 | -0.0 | -6.2 | 47.0 | 47.0 | 17.9 |
| 13:09:00 | 14 6.2 | -58 24.5 | 313.5 | 321.4 | 2672 | 2797 | 26.9 | -12.0 | -4.0 | 60.9 | 64.4 | -0.5 | 192.1 | 113.7 | 2.1 | 115.5 |
| 13:09:30 | 14 7.8 | -58 22.5 | 89.3 | 71.4 | 114.4 | 2950 | 53.4 | 5.8 | 0.2 | 716.6 | 60.1 | 19.4 | 12.9 | -13.0 | -14.5 | 0.1 |
| 13:09:30 | 14 7.7 | -58 22.6 | 89.3 | 71.5 | 114.4 | 2911 | 53.6 | 5.9 | 0.1 | 721.0 | 60.1 | 19.0 | 12.4 | -17.8 | -19.9 | 0.0 |
| 13:09:31 | 14 7.7 | -58 22.5 | 89.6 | 70.9 | 114.3 | 2927 | 10.9 | 15.9 | -5.5 | 60.6 | 67.1 | -0.0 | -6.2 | 47.0 | 47.0 | 13.4 |
| 13:09:30 | 14 7.7 | -58 22.6 | 314.1 | 320.0 | 2779 | 2941 | 26.8 | -11.7 | -3.8 | 60.1 | 63.5 | -0.5 | 190.8 | 123.4 | 2.4 | 115.4 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 13:10:00 | 14 8.9 | -58 21.0 | 89.5 | 71.9 | 114.8 | 3069 | 53.2 | 5.6 | 0.5 | 706.4 | 58.9 | 18.9 | 12.5 | -15.0 | -16.8 | 0.1 |
| 13:10:00 | 14 8.9 | -58 21.2 | 89.4 | 72.0 | 114.8 | 3029 | 53.5 | 5.6 | 0.4 | 710.8 | 58.9 | 18.5 | 12.0 | -22.6 | -25.1 | 0.0 |
| 13:10:01 | 14 8.8 | -58 21.0 | 89.8 | 71.4 | 114.7 | 3047 | 10.5 | 16.6 | -5.5 | 59.5 | 65.8 | -0.0 | -6.1 | 47.0 | 47.0 | 11.3 |
| 13:10:00 | 14 8.6 | -58 21.4 | 314.9 | 319.9 | 2892 | 3039 | 26.8 | -10.6 | -3.4 | 58.9 | 62.3 | -0.5 | 188.9 | 141.7 | 2.3 | 115.0 |
| 13:10:30 | 14 10.1 | -58 19.5 | 92.7 | 73.6 | 118.3 | 3164 | 53.4 | 5.6 | 0.3 | 698.3 | 61.1 | 18.9 | 12.1 | -16.2 | -18.1 | 0.1 |
| 13:10:30 | 14 10.1 | -58 19.6 | 92.6 | 73.7 | 118.4 | 3123 | 53.7 | 5.6 | 0.2 | 702.7 | 61.1 | 18.4

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 13:15:00 | 14 21.0 | -58 5.5 | 95.3 | 75.4 | 121.5 | 4188 | 53.9 | 5.0 | -0.3 | 617.0 | 63.9 | 14.8 | 7.1 | -21.7 | -24.1 | 0.1 |
| 13:15:00 | 14 21.0 | -58 5.7 | 95.3 | 75.6 | 121.6 | 4138 | 54.1 | 4.9 | -0.4 | 621.6 | 64.0 | 14.4 | 6.4 | -19.1 | -21.3 | 0.0 |
| 13:15:01 | 14 20.8 | -58 5.5 | 95.5 | 75.0 | 121.5 | 4173 | 4.9 | 12.6 | -7.3 | 63.8 | 70.6 | -0.0 | -7.5 | 47.0 | 47.0 | 8.7 |
| 13:15:00 | 14 20.6 | -58 5.9 | 321.0 | 324.2 | 3936 | 4154 | 26.3 | -13.3 | -4.4 | 63.9 | 67.5 | -0.6 | 196.7 | 82.0 | 5.5 | 126.4 |
| 13:15:30 | 14 22.2 | -58 3.9 | 94.6 | 75.0 | 120.7 | 4294 | 53.8 | 5.0 | 0.1 | 609.0 | 63.1 | 14.0 | 6.3 | -22.0 | -24.5 | 0.1 |
| 13:15:30 | 14 22.2 | -58 4.1 | 94.6 | 75.2 | 120.9 | 4245 | 54.0 | 5.0 | -0.0 | 613.5 | 63.1 | 13.6 | 5.7 | -16.1 | -18.0 | 0.0 |
| 13:15:31 | 14 22.0 | -58 3.9 | 94.9 | 74.6 | 120.7 | 4281 | 4.1 | 13.8 | -6.7 | 63.0 | 69.8 | -0.0 | -7.5 | 47.0 | 47.0 | 8.9 |
| 13:15:30 | 14 21.5* | -58 4.6* | 321.3 | 324.5 | 4036 | 4241* | 26.2 | -12.9 | -4.3 | 63.1 | 66.7 | -0.6 | 195.5 | 76.9 | 5.9 | 126.3 |
| 13:16:00 | 14 23.5 | -58 2.4 | 94.2 | 74.0 | 119.8 | 4401 | 53.5 | 5.0 | 0.2 | 601.0 | 62.6 | 13.3 | 5.6 | -22.2 | -24.6 | 0.1 |
| 13:16:00 | 14 23.4 | -58 2.5 | 94.2 | 74.2 | 119.9 | 4351 | 53.7 | 4.9 | 0.1 | 605.4 | 62.6 | 12.9 | 4.9 | -17.6 | -19.6 | 0.0 |
| 13:16:01 | 14 23.2 | -58 2.3 | 94.5 | 73.6 | 119.8 | 4390 | 3.5 | 13.5 | -6.7 | 62.4 | 69.1 | -0.0 | -7.6 | 47.0 | 47.0 | 9.3 |
| 13:16:00 | 14 22.9* | -58 2.8* | 321.7 | 324.8 | 4138 | 4363* | 26.2 | -12.1 | -3.9 | 62.6 | 66.1 | -0.6 | 194.7 | 64.9 | 6.6 | 126.4 |
| 13:16:30 | 14 24.7 | -58 0.8 | 94.6 | 73.2 | 119.6 | 4488 | 53.5 | 5.0 | 0.2 | 594.5 | 60.7 | 12.8 | 5.2 | -22.5 | -25.0 | 0.1 |
| 13:16:30 | 14 24.6 | -58 1.0 | 94.6 | 73.5 | 119.8 | 4437 | 53.8 | 5.0 | 0.1 | 598.9 | 60.7 | 12.3 | 4.5 | -19.9 | -22.1 | 0.0 |
| 13:16:31 | 14 24.4 | -58 0.8 | 94.8 | 72.9 | 119.6 | 4477 | 3.2 | 15.2 | -5.6 | 60.6 | 67.3 | -0.0 | -7.4 | 47.0 | 47.0 | 9.2 |
| 13:16:30 | 14 24.2 | -58 1.1 | 322.2 | 325.3 | 4220 | 4462 | 26.0 | -12.5 | -4.1 | 60.7 | 64.2 | -0.6 | 191.8 | 57.1 | 5.4 | 125.1 |
| 13:17:00 | 14 25.8 | -57 59.2 | 94.8 | 73.5 | 120.0 | 4574 | 53.9 | 5.0 | -0.1 | 588.3 | 59.8 | 12.3 | 4.8 | -23.1 | -25.6 | 0.1 |
| 13:17:00 | 14 25.8 | -57 59.4 | 94.8 | 73.8 | 120.2 | 4524 | 54.1 | 4.9 | -0.3 | 592.7 | 59.8 | 11.9 | 4.1 | -21.7 | -24.1 | 0.0 |
| 13:17:01 | 14 25.6 | -57 59.2 | 95.1 | 73.1 | 120.0 | 4558 | 2.7 | 15.8 | -5.2 | 59.7 | 66.3 | -0.0 | -7.4 | 47.0 | 47.0 | 8.9 |
| 13:17:00 | 14 25.5 | -57 59.3 | 322.7 | 325.7 | 4299 | 4559 | 26.0 | -12.4 | -4.1 | 59.8 | 63.2 | -0.6 | 190.4 | 69.5 | 4.9 | 124.7 |
| 13:17:30 | 14 27.0 | -57 57.6 | 94.6 | 74.3 | 120.2 | 4651 | 53.9 | 5.1 | -0.3 | 582.8 | 58.4 | 12.1 | 4.7 | -23.4 | -25.9 | 0.1 |
| 13:17:30 | 14 27.0 | -57 57.8 | 94.6 | 74.5 | 120.4 | 4601 | 54.1 | 5.1 | -0.4 | 587.1 | 58.4 | 11.7 | 4.1 | -23.7 | -26.3 | 0.0 |
| 13:17:31 | 14 26.8 | -57 57.6 | 94.8 | 74.0 | 120.2 | 4634 | 2.8 | 17.0 | -4.3 | 58.3 | 64.9 | -0.0 | -7.3 | 47.0 | 47.0 | 8.7 |
| 13:17:30 | 14 26.6 | -57 57.8 | 323.5 | 326.4 | 4372 | 4631 | 25.9 | -12.9 | -4.2 | 58.4 | 61.8 | -0.6 | 188.2 | 82.3 | 4.1 | 123.9 |
| 13:18:00 | 14 28.3 | -57 56.0 | 94.3 | 74.8 | 120.3 | 4730 | 53.8 | 5.1 | -0.1 | 576.9 | 58.3 | 11.6 | 4.1 | -23.8 | -26.4 | 0.1 |
| 13:18:00 | 14 28.2 | -57 56.2 | 94.3 | 75.1 | 120.6 | 4685 | 54.1 | 5.1 | -0.2 | 581.2 | 58.3 | 11.1 | 3.5 | -26.7 | -29.5 | 0.0 |
| 13:18:01 | 14 28.0 | -57 56.0 | 94.5 | 74.5 | 120.4 | 4715 | 2.2 | 17.1 | -4.3 | 58.1 | 64.7 | -0.0 | -7.4 | 47.0 | 47.0 | 8.7 |
| 13:18:00 | 14 27.8 | -57 56.4 | 323.8 | 326.6 | 4449 | 4707 | 25.7 | -12.7 | -4.1 | 58.2 | 61.6 | -0.6 | 188.0 | 85.2 | 4.5 | 124.2 |
| 13:18:30 | 14 29.5 | -57 54.5 | 94.7 | 74.6 | 120.6 | 4809 | 53.5 | 5.1 | 0.3 | 571.2 | 57.7 | 11.1 | 3.7 | -24.2 | -26.9 | 0.1 |
| 13:18:30 | 14 29.5 | -57 54.6 | 94.7 | 74.9 | 120.8 | 4759 | 53.8 | 5.1 | 0.2 | 575.6 | 57.7 | 10.7 | 3.0 | -25.9 | -28.6 | 0.0 |
| 13:18:31 | 14 29.2 | -57 54.4 | 94.9 | 74.4 | 120.6 | 4795 | 1.8 | 17.9 | -3.8 | 57.6 | 64.1 | -0.0 | -7.4 | 47.0 | 47.0 | 8.6 |
| 13:18:30 | 14 29.1 | -57 54.6 | 324.2 | 326.9 | 4523 | 4798 | 25.6 | -12.8 | -4.2 | 57.6 | 61.1 | -0.6 | 187.0 | 74.3 | 3.7 | 124.1 |
| 13:19:00 | 14 30.7 | -57 52.9 | 95.5 | 75.2 | 121.6 | 4884 | 53.6 | 3.9 | 0.6 | 566.1 | 57.7 | 10.9 | 3.4 | -24.6 | -27.3 | 0.1 |
| 13:19:00 | 14 30.7 | -57 53.1 | 95.6 | 75.5 | 121.8 | 4716 | 53.8 | 3.9 | 0.4 | 570.3 | 57.7 | 10.4 | 2.7 | -25.8 | -28.6 | 0.0 |
| 13:19:01 | 14 30.4 | -57 52.9 | 95.8 | 75.0 | 121.7 | 4870 | 1.5 | 16.7 | -4.3 | 57.6 | 64.0 | -0.0 | -7.4 | 47.0 | 47.0 | 8.4 |
| 13:19:00 | 14 30.4 | -57 52.9 | 324.7 | 327.4 | 4592 | 4878 | 25.5 | -11.3 | -3.6 | 57.7 | 61.0 | -0.6 | 187.1 | 82.6 | 3.5 | 124.6 |
| 13:19:30 | 14 31.9 | -57 51.3 | 100.4 | 78.2 | 127.3 | 4883 | 53.9 | 3.6 | 0.1 | 566.0 | 63.4 | 11.6 | 3.3 | -24.9 | -27.6 | 0.1 |
| 13:19:30 | 14 31.9 | -57 51.4 | 100.5 | 78.5 | 127.5 | 4706* | 54.2 | 3.6 | -0.0 | 570.4 | 63.5 | 11.1 | 2.7 | -27.1 | -29.9 | 0.0 |
| 13:19:31 | 14 31.7 | -57 51.2 | 100.7 | 78.0 | 127.4 | 4871 | 1.4 | 13.6 | -6.7 | 62.9 | 69.8 | -0.0 | -8.1 | 47.0 | 47.0 | 8.2 |
| 13:19:30 | 14 31.6 | -57 51.4 | 324.6 | 327.2 | 4590 | 4876 | 25.6 | -13.7 | -4.5 | 63.4 | 66.9 | -0.6 | 196.0 | 81.7 | 3.5 | 130.4 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 13:20:00 | 14 33.2 | -57 49.5 | 103.9 | 78.9 | 130.5 | 4883 | 54.2 | 3.0 | 0.0 | 565.9 | 67.1 | 11.9 | 3.2 | -25.0 | -27.7 | 0.1 |
| 13:20:00 | 14 33.2 | -57 49.7 | 104.0 | 79.3 | 130.8 | 4721* | 54.5 | 3.0 | -0.1 | 570.4 | 67.1 | 11.4 | 2.5 | -26.6 | -29.4 | 0.0 |
| 13:20:01 | 14 33.0 | -57 49.5 | 104.2 | 78.8 | 130.6 | 4869 | 1.3 | 11.2 | -8.5 | 66.2 | 73.3 | -0.0 | -8.6 | 47.0 | 47.0 | 8.2 |
| 13:20:00 | 14 32.8 | -57 49.8 | 324.4 | 327.0 | 4590 | 4876 | 25.3 | -14.2 | -4.7 | 67.1 | 70.7 | -0.6 | 201.5 | 65.5 | 3.5 | 134.0 |
| 13:20:30 | 14 34.5 | -57 47.8 | 105.2 | 79.2 | 131.7 | 4884 | 54.3 | 2.9 | -0.6 | 565.9 | 68.6 | 11.8 | 2.9 | -25.2 | -27.9 | 0.1 |
| 13:20:30 | 14 34.5 | -57 48.0 | 105.3 | 79.6 | 132.0 | 4769* | 54.6 | 2.9 | -0.6 | 570.4 | 68.6 | 11.3 | 2.2 | -25.3 | -28.0 | 0.0 |
| 13:20:31 | 14 34.2 | -57 47.8 | 105.5 | 79.2 | 131.9 | 4869 | 0.9 | 9.6 | -9.5 | 67.7 | 74.7 | -0.0 | -8.7 | 47.0 | 47.0 | 8.3 |
| 13:20:30 | 14 34.2 | -57 47.8 | 324.1 | 326.7 | 4591 | 4877 | 25.1 | -13.6 | -4.4 | 68.6 | 72.3 | -0.6 | 203.6 | 66.4 | 3.7 | 135.3 |
| 13:21:00 | 14 35.8 | -57 46.0 | 106.3 | 80.4 | 133.3 | 4881 | 53.9 | 3.0 | 0.0 | 566.0 | 70.3 | 12.1 | 3.1 | -25.3 | -28.0 | 0.1 |
| 13:21:00 | 14 35.8 | -57 46.2 | 106.3 | 80.8 | 133.6 | 4718 | 54.1 | 2.9 | -0.1 | 570.6 | 70.3 | 11.7 | 2.4 | -25.5 | -28.2 | 0.0 |
| 13:21:01 | 14 35.5 | -57 46.0 | 106.5 | 80.4 | 133.4 | 4868 | 1.1 | 9.4 | -9.4 | 69.4 | 76.5 | -0.0 | -8.9 | 47.0 | 47.0 | 8.1 |
| 13:21:00 | 14 35.4 | -57 46.1 | 324.3 | 326.8 | 4588 | 4875 | 25.2 | -12.7 | -4.1 | 70.3 | 74.0 | -0.6 | 206.0 | 59.7 | 3.6 | 136.9 |
| 13:21:30 | 14 37.1 | -57 44.3 | 106.3 | 81.4 | 133.9 | 4883 | 54.0 | 2.7 | -0.4 | 565.9 | 71.3 | 12.0 | 2.8 | -25.5 | -28.2 | 0.1 |
| 13:21:30 | 14 37.1 | -57 44.4 | 106.4 | 81.8 | 134.2 | 4712* | 54.2 | 2.7 | -0.5 | 570.5 | 71.4 | 11.5 | 2.1 | -25.9 | -28.7 | 0.0 |
| 13:21:31 | 14 36.9 | -57 44.2 | 106.6 | 81.4 | 134.1 | 4870 | 1.0 | 7.2 | -10.4 | 70.3 | 77.5 | -0.0 | -9.0 | 47.0 | 47.0 | 8.1 |
| 13:21:30 | 14 36.8 | -57 44.2 | 324.0 | 326.5 | 4590 | 4876 | 25.1 | -12.9 | -4.2 | 71.3 | 75.1 | -0.6 | 207.5 | 71.5 | 4.1 | 137.8 |
| 13:22:00 | 14 38.4 | -57 42.5 | 106.7 | 82.5 | 134.9 | 4882 | 53.8 | 2.6 | -0.5 | 565.9 | 72.4 | 12.1 | 2.8 | -25.6 | -28.4 | 0.1 |
| 13:22:00 | 14 38.5 | -57 42.6 | 106.8 | 82.9 | 135.2 | 4711 | 54.1 | 2.6 | -0.7 | 570.5 | 72.4 | 11.7 | 2.1 | -25.9 | -28.7 | 0.0 |
| 13:22:01 | 14 38.2 | -57 42.4 | 107.0 | 82.5 | 135.1 | 4867 | 0.7 | 6.5 | -10.8 | 71.3 | 78.6 | -0.0 | -9.2 | 47.0 | 47.0 | 8.0 |
| 13:22:00 | 14 37.8 | -57 42.9 | 323.9 | 326.4 | 4589 | 4875 | 25.0 | -12.9 | -4.2 | 72.4 | 76.2 | -0.6 | 209.0 | 76.9 | 4.3 | 138.8 |
| 13:22:30 | 14 39.8 | -57 40.7 | 107.6 | 82.7 | 135.7 | 4882 | 53.8 | 2.6 | -0.2 | 565.7 | 73.9 | 12.2 | 2.8 | -25.7 | -28.4 | 0.1 |
| 13:22:30 | 14 39.8 | -57 40.9 | 107.7 | 83.1 | 136.0 | 4789* | 54.1 | 2.6 | -0.2 | 570.5 | 73.9 | 11.8 | 2.1 | -25.6 | -28.3 | 0.0 |
| 13:22:31 | 14 39.5 | -57 40.6 | 107.9 | 82.8 | 136.0 | 4867 | 0.9 | 5.7 | -11.5 | 72.8 | 80.1 | -0.0 | -9.3 | 47.0 | 47.0 | 7.9 |
| 13:22:30 | 14 39.5 | -57 40.7 | 323.9 | 326.3 | 4590 | 4876 | 25.2 | -12.6 | -4.0 | 73.8 | 77.8 | -0.6 | 211.1 | 68.8 | 4.6 | 140.1 |
| 13:23:00 | 14 41.1 | -57 38.9 | 108.6 | 82.3 | 136.3 | 4880 | 53.7 | 2.6 | 0.1 | 565.9 | 74.0 | 12.5 | 3.0 | -25.9 | -28.6 | 0.1 |
| 13:23:00 | 14 41.2 | -57 39.1 | 108.7 | 82.8 | 136.7 | 4700* | 53.9 | 2.6 | -0.1 | 570.6 | 74.0 | 12.1 | 2.3 | -25.3 | -28.0 | 0.0 |
| 13:23:01 | 14 40.9 | -57 38.8 | 108.9 | 82.5 | 136.6 | 4864 | 1.1 | 5.5 | -11.6 | 73.0 | 80.2 | -0.0 | -9.4 | 47.0 | 47.0 | 7.7 |
| 13:23:00 | 14 40.9 | -57 38.9 | 324.2 | 326.6 | 4588 | 4873 | 25.3 | -12.0 | -3.8 | 74.0 | 77.9 | -0.6 | 211.3 | 57.8 | 4.0 | 140.3 |
| 13:23:30 | 14 42.5 | -57 37.1 | 109.0 | 82.3 | 136.6 | 4882 | 53.8 | 2.4 | -0.1 | 565.7 | 75.2 | 12.4 | 2.8 | -26.2 | -29.0 | 0.1 |
| 13:23:30 | 14 42.5 | -57 37.2 | 109.1 | 82.7 | 136.9 | 4734* | 54.0 | 2.4 | -0.2 | 570.5 | 75.2 | 12.0 | 2.1 | -25.3 | -28.1 | 0.0 |
| 13:23:31 | 14 42.2 | -57 37.0 | 109.3 | 82.5 | 136.9 | 4865 | 1.0 | 4.6 | -12.1 | 74.1 | 81.4 | -0.0 | -9.5 | 47.0 | 47.0 | 7.5 |
| 13:23:30 | 14 42.0 | -57 37.3 | 324.0 | 326.3 | 4590 | 4875 | 25.4 | -12.8 | -4.1 | 75.2 | 79.2 | -0.6 | 212.9 | 55.1 | 4.8 | 141.3 |
| 13:24:00 | 14 43.8 | -57 35.2 | 109.9 | 83.3 | 137.8 | 4878 | 53.7 | 2.4 | -0.1 | 565.9 | 76.5 | 12.6 | 2.9 | -26.3 | -29.1 | 0.1 |
| 13:24:00 | 14 43.9 | -57 35.4 | 110.0 | 83.7 | 138.2 | 4766* | 54.0 | 2.4 | -0.3 | 570.7 | 76.5 | 12.2 | 2.2 | -25.6 | -28.3 | 0.0 |
| 13:24:01 | 14 43.6 | -57 35.2 | 110.1 | 83.5 | 138.2 | 4862 | 1.1 | 3.8 | -12.7 | 75.3 | 82.7 | -0.0 | -9.6 | 47.0 | 47.0 | 7.4 |
| 13:24:00 | 14 43.4 | -57 35.5 | 324.0 | 326.3 | 4587 | 4873 | 25.3 | -13.1 | -4.2 | 76.4 | 80.5 | -0.6 | 214.7 | 55.4 | 4.6 | 142.5 |
| 13:24:30 | 14 45.2 | -57 33.4 | 109.8 | 83.5 | 137.9 | 4880 | 53.6 | 2.5 | -0.3 | 565.9 | 75.8 | 12.7 | 3.0 | -26.2 | -29.0 | 0.1 |
| 13:24:30 | 14 45.2 | -57 33.6 | 109.9 | 83.9 | 138.3 | 4707* | 53.9 | 2.6 | -0.4 | 570.6 | 75.9 | 12.3 | 2.3 | -25.4 | -28.1 | 0.0 |
| 13:24:31 | 14 44.9 | -57 33.3 | 110.1 | 83.7 | 138.3 | 4863 | 1.1 | 4.2 | -12.4 | 74.7 | 82.0 | -0.0 | -9.6 | 47.0 | 47.0 | 7.4 |
| 13:24:30 | 14 44.5 | -57 33.9 | 324.2 | 326.5 | 4588 | 4873 | 25.4 | -12.2 | -3.8 | 75.8 | 79.8 | -0.6 | 213.8 | 56.5 | 4.0 | 142.0 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 13:25:00 | 14 46.5 | -57 31.6 | 109.6 | 84.3 | 138.3 | 4882 | 53.9 | 2.3 | -0.4 | 565.8 | 77.0 | 12.6 | 2.8 | -26.4 | -29.2 | 0.1 |
| 13:25:00 | 14 46.6 | -57 31.7 | 109.7 | 84.7 | 138.6 | 4745* | 54.1 | 2.3 | -0.5 | 570.6 | 77.1 | 12.2 | 2.1 | -25.4 | -28.2 | 0.0 |
| 13:25:01 | 14 46.3 | -57 31.5 | 109.9 | 84.6 | 138.7 | 4866 | 1.0 | 2.5 | -13.3 | 75.8 | 83.2 | -0.0 | -9.7 | 47.0 | 47.0 | 7.4 |
| 13:25:00 | 14 45.8 | -57 32.1 | 323.9 | 326.2 | 4589 | 4876 | 25.4 | -12.9 | -4.2 | 77.0 | 81.1 | -0.6 | 215.5 | 71.2 | 4.9 | 143.0 |
| 13:25:30 | 14 47.9 | -57 29.7 | 109.9 | 84.5 | 138.7 | 4883 | 53.7 | 2.3 | -0.3 | 565.8 | 77.1 | 12.7 | 2.9 | -27.0 | -29.8 | 0.1 |
| 13:25:30 | 14 48.0 | -57 29.9 | 110.1 | 85.0 | 139.1 | 4781* | 53.9 | 2.3 | -0.4 | 570.6 | 77.1 | 12.3 | 2.1 | -25.9 | -28.7 | 0.0 |
| 13:25:31 | 14 47.7 | -57 29.7 | 110.2 | 84.9 | 139.1 | 4862 | 1.1 | 2.2 | -13.5 | 75.9 | 83.3 | -0.0 | -9.7 | 47.0 | 47.0 | 7.0 |
| 13:25:30 | 14 47.4 | -57 30.1 | 324.0 | 326.1 | 4589 | 4876 | 25.1 | -12.4 | -3.9 | 77.1 | 81.2 | -0.6 | 215.6 | 67.7 | 4.5 | 143.1 |
| 13:26:00 | 14 49.3 | -57 27.9 | 110.0 | 84.8 | 138.9 | 4882 | 53.8 | 2.2 | -0.4 | 565.8 | 76.9 | 12.7 | 2.9 | -27.3 | -30.2 | 0.1 |
| 13:26:00 | 14 49.4 | -57 28.1 | 110.1 | 85.3 | 139.3 | 4762* | 54.1 | 2.2 | -0.6 | 570.5 | 76.9 | 12.3 | 2.2 | -25.9 | -28.7 | 0.0 |
| 13:26:01 | 14 49.0 | -57 27.8 | 110.2 | 85.3 | 139.4 | 4860 | 1.0 | 2.3 | -13.4 | 75.7 | 83.1 | -0.0 | -9.7 | 47.0 | 47.0 | 6.7 |
| 13:26:00 | 14 48.9 | -57 28.0 | 324.0 | 326.1 | 4589 | 4875 | 25.3 | -12.6 | -4.0 | 76.8 | 80.9 | -0.6 | 215.2 | 76.2 | 4.3 | 142.8 |
| 13:26:30 | 14 50.7 | -57 26.1 | 110.2 | 85.1 | 139.2 | 4879 | 53.7 | 2.4 | -0.3 | 565.9 | 77.3 | 12.7 | 2.8 | -27.5 | -30.4 | 0.1 |
| 13:26:30 | 14 50.8 | -57 26.2 | 110.3 | 85.6 | 139.6 | 4748* | 53.9 | 2.5 | -0.4 | 570.7 | 77.3 | 12.3 | 2.1 | -26.0 | -28.8 | 0.0 |
| 13:26:31 | 14 50.4 | -57 26.0 | 110.5 | 85.6 | 139.7 | 4860 | 1.0 | 2.7 | -13.3 | 76.1 | 83.4 | -0.0 | -9.7 | 47.0 | 47.0 | 6.6 |
| 13:26:30 | 14 50.4 | -57 26.0 | 324.0 | 326.0 | 4587 | 4873 | 24.1 | -12.6 | -4.0 | 77.2 | 81.3 | -0.6 | 215.8 | 72.8 | 4.2 | 143.2 |
| 13:27:00 | 14 52.0 | -57 24.2 | 109.9 | 84.8 | 138.8 | 4881 | 53.6 | 2.2 | -0.4 | 565.9 | 77.0 | 12.5 | 2.7 | -27.6 | -30.5 | 0.1 |
| 13:27:00 | 14 52.1 | -57 24.4 | 110.0 | 85.3 | 139.2 | 4713 | 53.8 | 2.2 | -0.6 | 570.6 | 77.0 | 12.1 | 1.9 | -26.1 | -28.9 | 0.0 |
| 13:27:01 | 14 51.8 | -57 24.1 | 110.2 | 85.3 | 139.4 | 4864 | 0.8 | 2.7 | -13.2 | 75.7 | 83.1 | -0.0 | -9.7 | 47.0 | 47.0 | 6.6 |
| 13:27:00 | 14 51.2 | -57 25.0 | 323.8 | 325.8 | 4588 | 4876 | 25.5 | -13.4 | -4.4 | 76.9 | 81.0 | -0.6 | 215.3 | 66.5 | 4.1 | 142.9 |
| 13:27:30 | 14 53.4 | -57 22.4 | 109.4 | 84.6 | 138.3 | 4879 | 53.5 | 2.5 | -0.3 | 566.0 | 76.3 | 12.6 | 2.8 | -27.7 | -30.6 | 0.1 |
| 13:27:30 | 14 53.5 | -57 22.5 | 109.5 | 85.1 | 138.7 | 4712 | 53.8 | 2.5 | -0.4 | 570.7 | 76.3 | 12.2 | 2.1 | -25.8 | -28.5 | 0.0 |
| 13:27:31 | 14 53.2 | -57 22.3 | 109.6 | 85.2 | 138.9 | 4865 | 1.0 | 3.1 | -12.9 | 75.1 | 82.4 | -0.0 | -9.6 | 47.0 | 47.0 | 6.4 |
| 13:27:30 | 14 53.2 | -57 22.3 | 324.0 | 326.0 | 4587 | 4873 | 22.8 | -12.0 | -3.8 | 76.2 | 80.2 | -0.6 | 214.4 | 71.8 | 4.2 | 142.3 |
| 13:28:00 | 14 54.8 | -57 20.6 | 108.4 | 84.4 | 137.4 | 4881 | 53.3 | 2.3 | -0.2 | 565.9 | 75.4 | 12.5 | 2.9 | -27.8 | -30.7 | 0.1 |
| 13:28:00 | 14 54.9 | -57 20.7 | 108.5 | 85.0 | 137.8 | 4713 | 53.6 | 2.3 | -0.3 | 570.5 | 75.4 | 12.1 | 2.2 | -25.4 | -28.2 | 0.0 |
| 13:28:01 | 14 54.6 | -57 20.5 | 108.6 | 85.1 | 138.0 | 4868 | 1.0 | 4.2 | -12.3 | 74.2 | 81.6 | -0.0 | -9.5 | 47.0 | 47.0 | 6.4 |
| 13:28:00 | 14 54.3 | -57 20.9 | 324.1 | 326.0 | 4589 | 4876 | 25.7 | -12.6 | -4.0 | 75.3 | 79.3 | -0.6 | 213.2 | 68.5 | 4.3 | 141.5 |
| 13:28:30 | 14 56.2 | -57 18.8 | 107.9 | 84.4 | 137.0 | 4882 | 53.3 | 2.6 | -0.3 | 566.1 | 74.8 | 12.6 | 3.0 | -27.8 | -30.7 | 0.1 |
| 13:28:30 | 14 56.3 | -57 18.9 | 108.0 | 84.9 | 137.4 | 4748* | 53.6 | 2.6 | -0.4 | 570.6 | 74.8 | 12.1 | 2.3 | -25.7 | -28.4 | 0.0 |
| 13:28:31 | 14 56.0 | -57 18.7 | 108.2 | 85.0 | 137.6 | 4865 | 1.2 | 4.6 | -12.1 | 73.8 | 81.0 | -0.0 | -9.5 | 47.0 | 47.0 | 6.4 |
| 13:28:30 | 14 55.9 | -57 18.8 | 324.1 | 326.1 | 4588 | 4873 | 25.5 | -12.0 | -3.8 | 74.8 | 78.8 | -0.6 | 212.4 | 73.2 | 4.3 | 141.0 |
| 13:29:00 | 14 57.5 | -57 17.0 | 107.4 | 84.0 | 136.4 | 4879 | 53.5 | 2.7 | -0.5 | 566.2 | 73.8 | 12.3 | 2.8 | -27.8 | -30.7 | 0.1 |
| 13:29:00 | 14 57.7 | -57 17.1 | 107.6 | 84.6 | 136.8 | 4707 | 53.7 | 2.6 | -0.6 | 570.7 | 73.8 | 11.8 | 2.1 | -25.1 | -27.8 | 0.0 |
| 13:29:01 | 14 57.3 | -57 16.9 | 107.7 | 84.8 | 137.0 | 4866 | 1.0 | 5.6 | -11.5 | 72.8 | 80.0 | -0.0 | -9.3 | 47.0 | 47.0 | 6.4 |
| 13:29:00 | 14 57.3 | -57 16.9 | 323.9 | 325.9 | 4587 | 4873 | 25.3 | -12.3 | -3.9 | 73.8 | 77.7 | -0.6 | 211.0 | 80.4 | 4.1 | 140.1 |
| 13:29:30 | 14 58.9 | -57 15.2 | 106.8 | 83.8 | 135.7 | 4880 | 53.4 | 2.7 | -0.0 | 566.3 | 73.2 | 12.2 | 2.8 | -27.8 | -30.7 | 0.0 |
| 13:29:30 | 14 59.0 | -57 15.3 | 107.0 | 84.3 | 136.2 | 4754 | 53.6 | 2.7 | -0.1 | 570.7 | 73.2 | 11.8 | 2.1 | -25.8 | -28.6 | 0.0 |
| 13:29:31 | 14 58.7 | -57 15.1 | 107.1 | 84.5 | 136.4 | 4867 | 1.1 | 6.1 | -11.3 | 72.2 | 79.3 | -0.0 | -9.3 | 47.0 | 47.0 | 6.4 |
| 13:29:30 | 14 58.6 | -57 15.2 | 324.0 | 325.9 | 4587 | 4874 | 25.0 | -11.8 | -3.7 | 73.2 | 77.0 | -0.6 | 210.1 | 79.8 | 4.2 | 139.5 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 13:30:00 | 15 0.2 | -57 13.4 | 106.7 | 83.4 | 135.4 | 4880 | 53.3 | 2.6 | -0.3 | 566.1 | 72.8 | 12.0 | 2.7 | -27.8 | -30.7 | 0.1 |
| 13:30:00 | 15 0.4 | -57 13.5 | 106.9 | 84.0 | 135.9 | 4745 | 53.6 | 2.5 | -0.4 | 570.6 | 72.8 | 11.6 | 2.0 | -26.5 | -29.3 | 0.0 |
| 13:30:01 | 15 0.1 | -57 13.3 | 106.9 | 84.3 | 136.1 | 4868 | 0.9 | 6.3 | -11.1 | 71.8 | 78.9 | -0.0 | -9.2 | 47.0 | 47.0 | 6.5 |
| 13:30:00 | 15 0.1 | -57 13.3 | 323.8 | 325.8 | 4588 | 4875 | 24.7 | -11.8 | -3.7 | 72.7 | 76.6 | -0.6 | 209.6 | 75.6 | 3.9 | 139.1 |
| 13:30:30 | 15 1.6 | -57 11.6 | 106.5 | 82.9 | 135.0 | 4879 | 53.4 | 2.8 | -0.3 | 566.3 | 72.7 | 12.1 | 2.8 | -27.6 | -30.5 | 0.1 |
| 13:30:30 | 15 1.8 | -57 11.7 | 106.7 | 83.5 | 135.5 | 4771* | 53.7 | 2.8 | -0.4 | 570.6 | 72.7 | 11.7

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 13:35:00 | 15 13.6 | -56 55.7 | 106.2 | 82.4 | 134.4 | 4881 | 53.4 | 2.7 | -0.2 | 566.3 | 71.4 | 12.2 | 3.0 | -26.4 | -29.2 | 0.1 |
| 13:35:00 | 15 13.9 | -56 55.8 | 106.4 | 83.0 | 135.0 | 4718 | 53.6 | 2.7 | -0.4 | 570.6 | 71.4 | 11.8 | 2.3 | -26.0 | -28.8 | 0.0 |
| 13:35:01 | 15 13.6 | -56 55.5 | 106.5 | 83.6 | 135.4 | 4866 | 1.2 | 7.4 | -10.3 | 70.5 | 77.6 | -0.0 | -9.1 | 47.0 | 47.0 | 7.3 |
| 13:35:00 | 15 13.5 | -56 55.7 | 324.2 | 326.5 | 4588 | 4873 | 25.2 | -11.9 | -3.8 | 71.4 | 75.2 | -0.6 | 207.6 | 69.8 | 3.6 | 137.9 |
| 13:35:30 | 15 15.0 | -56 53.9 | 106.5 | 82.7 | 134.8 | 4881 | 53.3 | 2.7 | -0.3 | 566.4 | 71.4 | 12.2 | 3.0 | -26.5 | -29.3 | 0.0 |
| 13:35:30 | 15 15.3 | -56 54.0 | 106.7 | 83.3 | 135.4 | 4717* | 53.5 | 2.7 | -0.4 | 570.7 | 71.5 | 11.8 | 2.3 | -26.4 | -29.2 | 0.0 |
| 13:35:31 | 15 15.0 | -56 53.8 | 106.7 | 83.9 | 135.8 | 4865 | 1.3 | 7.0 | -10.5 | 70.5 | 77.6 | -0.0 | -9.1 | 47.0 | 47.0 | 7.2 |
| 13:35:30 | 15 15.0 | -56 53.8 | 324.2 | 326.4 | 4587 | 4873 | 25.3 | -12.4 | -4.0 | 71.4 | 75.2 | -0.6 | 207.7 | 67.2 | 3.2 | 137.9 |
| 13:36:00 | 15 16.3 | -56 52.1 | 107.4 | 82.3 | 135.3 | 4881 | 53.2 | 2.6 | 0.1 | 566.4 | 71.7 | 12.3 | 3.1 | -26.6 | -29.4 | 0.1 |
| 13:36:00 | 15 16.6 | -56 52.2 | 107.6 | 83.0 | 135.9 | 4710 | 53.4 | 2.5 | -0.1 | 570.6 | 71.7 | 11.9 | 2.4 | -26.0 | -28.8 | 0.0 |
| 13:36:01 | 15 16.4 | -56 52.0 | 107.7 | 83.5 | 136.3 | 4865 | 1.5 | 6.9 | -10.6 | 70.8 | 77.9 | -0.0 | -9.1 | 47.0 | 47.0 | 7.1 |
| 13:36:00 | 15 15.8 | -56 52.7 | 324.3 | 326.5 | 4588 | 4875 | 25.3 | -11.5 | -3.7 | 71.7 | 75.5 | -0.6 | 208.0 | 48.0 | 2.9 | 138.2 |
| 13:36:30 | 15 17.7 | -56 50.3 | 107.6 | 82.3 | 135.5 | 4882 | 53.5 | 2.6 | -0.4 | 566.3 | 71.9 | 12.3 | 3.1 | -26.7 | -29.5 | 0.1 |
| 13:36:30 | 15 17.9 | -56 50.4 | 107.8 | 82.9 | 136.0 | 4741* | 53.8 | 2.6 | -0.5 | 570.6 | 71.9 | 11.9 | 2.4 | -25.6 | -28.4 | 0.0 |
| 13:36:31 | 15 17.7 | -56 50.2 | 107.9 | 83.5 | 136.4 | 4867 | 1.4 | 6.5 | -10.7 | 70.9 | 78.1 | -0.0 | -9.1 | 47.0 | 47.0 | 7.0 |
| 13:36:30 | 15 17.3 | -56 50.7 | 324.3 | 326.5 | 4588 | 4873 | 25.0 | -12.6 | -4.0 | 71.9 | 75.7 | -0.6 | 208.3 | 57.4 | 2.9 | 138.4 |
| 13:37:00 | 15 19.0 | -56 48.5 | 107.1 | 82.3 | 135.1 | 4879 | 53.3 | 2.7 | -0.1 | 566.4 | 71.3 | 12.3 | 3.2 | -26.6 | -29.4 | 0.1 |
| 13:37:00 | 15 19.3 | -56 48.6 | 107.3 | 82.9 | 135.6 | 4774 | 53.5 | 2.7 | -0.3 | 570.6 | 71.3 | 11.9 | 2.5 | -25.9 | -28.7 | 0.0 |
| 13:37:01 | 15 19.1 | -56 48.4 | 107.3 | 83.5 | 136.0 | 4867 | 1.5 | 7.0 | -10.4 | 70.4 | 77.5 | -0.0 | -9.0 | 47.0 | 47.0 | 7.0 |
| 13:37:00 | 15 18.9 | -56 48.6 | 324.4 | 326.6 | 4588 | 4873 | 25.2 | -11.9 | -3.8 | 71.3 | 75.1 | -0.6 | 207.5 | 54.6 | 2.8 | 137.9 |
| 13:37:30 | 15 20.3 | -56 46.7 | 106.9 | 82.1 | 134.8 | 4883 | 53.3 | 2.5 | -0.0 | 566.3 | 71.7 | 12.3 | 3.1 | -26.6 | -29.4 | 0.1 |
| 13:37:30 | 15 20.6 | -56 46.8 | 107.2 | 82.8 | 135.4 | 4726 | 53.6 | 2.6 | -0.1 | 570.5 | 71.8 | 11.9 | 2.4 | -25.7 | -28.4 | 0.0 |
| 13:37:31 | 15 20.4 | -56 46.6 | 107.2 | 83.4 | 135.8 | 4869 | 1.5 | 6.7 | -10.6 | 70.8 | 77.9 | -0.0 | -9.1 | 47.0 | 47.0 | 7.1 |
| 13:37:30 | 15 20.4 | -56 46.6 | 324.3 | 326.5 | 4589 | 4875 | 25.1 | -11.9 | -3.8 | 71.7 | 75.5 | -0.6 | 208.1 | 56.2 | 3.4 | 138.3 |
| 13:38:00 | 15 21.7 | -56 44.9 | 107.2 | 82.2 | 135.1 | 4879 | 53.3 | 2.8 | -0.2 | 566.5 | 71.8 | 12.4 | 3.2 | -26.6 | -29.4 | 0.1 |
| 13:38:00 | 15 22.0 | -56 45.0 | 107.4 | 82.9 | 135.7 | 4746 | 53.6 | 2.8 | -0.4 | 570.7 | 71.8 | 12.0 | 2.5 | -25.7 | -28.5 | 0.0 |
| 13:38:01 | 15 21.8 | -56 44.8 | 107.4 | 83.6 | 136.1 | 4865 | 1.6 | 7.0 | -10.5 | 70.8 | 78.0 | -0.0 | -9.1 | 47.0 | 47.0 | 7.1 |
| 13:38:00 | 15 21.4* | -56 45.3* | 324.3 | 326.6 | 4587 | 4872 | 25.0 | -12.7 | -4.1 | 71.8 | 75.6 | -0.6 | 208.2 | 52.8 | 3.2 | 138.3 |
| 13:38:30 | 15 23.0 | -56 43.2 | 106.8 | 82.0 | 134.6 | 4882 | 53.4 | 2.7 | -0.3 | 566.4 | 71.1 | 12.3 | 3.1 | -26.9 | -29.7 | 0.1 |
| 13:38:30 | 15 23.3 | -56 43.2 | 107.0 | 82.6 | 135.2 | 4761 | 53.7 | 2.7 | -0.4 | 570.6 | 71.2 | 11.9 | 2.5 | -25.6 | -28.3 | 0.0 |
| 13:38:31 | 15 23.2 | -56 43.0 | 107.0 | 83.3 | 135.6 | 4868 | 1.7 | 7.3 | -10.3 | 70.2 | 77.3 | -0.0 | -9.0 | 47.0 | 47.0 | 6.8 |
| 13:38:30 | 15 23.1 | -56 43.0 | 324.3 | 326.5 | 4589 | 4873 | 25.2 | -12.0 | -3.8 | 71.1 | 74.9 | -0.6 | 207.2 | 58.6 | 3.1 | 137.7 |
| 13:39:00 | 15 24.3 | -56 41.4 | 107.0 | 82.5 | 135.1 | 4881 | 53.4 | 2.5 | -0.1 | 566.4 | 71.8 | 12.5 | 3.3 | -27.1 | -30.0 | 0.1 |
| 13:39:00 | 15 24.7 | -56 41.4 | 107.2 | 83.1 | 135.6 | 4755* | 53.6 | 2.5 | -0.3 | 570.6 | 71.8 | 12.1 | 2.6 | -25.4 | -28.2 | 0.0 |
| 13:39:01 | 15 24.5 | -56 41.2 | 107.2 | 83.8 | 136.1 | 4866 | 1.7 | 6.2 | -10.9 | 70.8 | 77.9 | -0.0 | -9.1 | 47.0 | 47.0 | 6.6 |
| 13:39:00 | 15 24.1 | -56 41.7 | 324.5 | 326.6 | 4588 | 4873 | 25.1 | -12.0 | -3.8 | 71.8 | 75.6 | -0.6 | 208.2 | 62.7 | 3.3 | 138.3 |
| 13:39:30 | 15 25.7 | -56 39.6 | 106.5 | 82.6 | 134.7 | 4879 | 53.4 | 2.9 | -0.4 | 566.5 | 71.3 | 12.5 | 3.3 | -27.5 | -30.4 | 0.0 |
| 13:39:30 | 15 26.0 | -56 39.6 | 106.7 | 83.2 | 135.3 | 4743* | 53.6 | 2.9 | -0.5 | 570.7 | 71.3 | 12.1 | 2.6 | -25.6 | -28.4 | 0.0 |
| 13:39:31 | 15 25.9 | -56 39.4 | 106.7 | 83.9 | 135.7 | 4865 | 1.7 | 7.4 | -10.3 | 70.4 | 77.5 | -0.0 | -9.0 | 47.0 | 47.0 | 6.4 |
| 13:39:30 | 15 25.7 | -56 39.7 | 324.5 | 326.6 | 4587 | 4871 | 25.1 | -12.0 | -3.8 | 71.3 | 75.1 | -0.6 | 207.4 | 70.6 | 3.2 | 137.8 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 13:40:00 | 15 27.0 | -56 37.8 | 106.1 | 82.5 | 134.4 | 4880 | 53.3 | 2.8 | -0.3 | 566.5 | 70.7 | 12.4 | 3.3 | -27.7 | -30.6 | 0.1 |
| 13:40:00 | 15 27.4 | -56 37.9 | 106.3 | 83.2 | 134.9 | 4713 | 53.5 | 2.8 | -0.4 | 570.6 | 70.7 | 12.0 | 2.6 | -26.7 | -29.5 | 0.0 |
| 13:40:01 | 15 27.2 | -56 37.6 | 106.3 | 83.9 | 135.4 | 4865 | 1.6 | 7.4 | -10.2 | 69.8 | 76.8 | -0.0 | -9.0 | 47.0 | 47.0 | 6.2 |
| 13:40:00 | 15 27.2 | -56 37.6 | 324.6 | 326.6 | 4588 | 4871 | 25.2 | -11.9 | -3.8 | 70.7 | 74.4 | -0.6 | 206.6 | 68.9 | 3.1 | 137.3 |
| 13:40:30 | 15 28.4 | -56 36.0 | 106.2 | 82.4 | 134.4 | 4881 | 53.3 | 2.7 | -0.3 | 566.5 | 71.1 | 12.4 | 3.3 | -27.8 | -30.7 | 0.1 |
| 13:40:30 | 15 28.7 | -56 36.1 | 106.4 | 83.0 | 135.0 | 4694 | 53.5 | 2.7 | -0.4 | 570.6 | 71.1 | 12.0 | 2.6 | -27.8 | -30.7 | 0.0 |
| 13:40:31 | 15 28.6 | -56 35.8 | 106.4 | 83.8 | 135.4 | 4865 | 1.5 | 7.3 | -10.3 | 70.2 | 77.2 | -0.0 | -9.0 | 47.0 | 47.0 | 6.2 |
| 13:40:30 | 15 28.5 | -56 36.0 | 324.5 | 326.5 | 4588 | 4873 | 25.4 | -11.9 | -3.8 | 71.1 | 74.8 | -0.6 | 207.2 | 64.9 | 3.3 | 137.7 |
| 13:41:00 | 15 29.7 | -56 34.3 | 105.8 | 82.4 | 134.1 | 4880 | 53.2 | 2.8 | -0.2 | 566.5 | 70.8 | 12.3 | 3.2 | -27.8 | -30.7 | 0.1 |
| 13:41:00 | 15 30.1 | -56 34.3 | 106.0 | 83.0 | 134.6 | 4757* | 53.4 | 2.8 | -0.3 | 570.6 | 70.8 | 11.9 | 2.5 | -27.5 | -30.3 | 0.1 |
| 13:41:01 | 15 30.0 | -56 34.1 | 106.0 | 83.8 | 135.1 | 4864 | 1.5 | 7.9 | -10.0 | 69.9 | 76.9 | -0.0 | -9.0 | 47.0 | 47.0 | 6.2 |
| 13:41:00 | 15 29.9 | -56 34.1 | 324.4 | 326.4 | 4588 | 4872 | 25.3 | -11.7 | -3.7 | 70.8 | 74.5 | -0.6 | 206.7 | 68.1 | 3.4 | 137.4 |
| 13:41:30 | 15 31.0 | -56 32.5 | 105.8 | 81.7 | 133.7 | 4881 | 53.3 | 2.9 | -0.1 | 566.6 | 70.7 | 12.2 | 3.2 | -27.8 | -30.7 | 0.1 |
| 13:41:30 | 15 31.4 | -56 32.5 | 106.0 | 82.4 | 134.3 | 4747 | 53.6 | 2.9 | -0.2 | 570.6 | 70.7 | 11.8 | 2.5 | -27.0 | -29.9 | 0.1 |
| 13:41:31 | 15 31.3 | -56 32.3 | 106.0 | 83.2 | 134.8 | 4863 | 1.7 | 8.0 | -10.0 | 69.7 | 76.9 | -0.0 | -9.0 | 47.0 | 47.0 | 6.2 |
| 13:41:30 | 15 30.8* | -56 33.0* | 324.4 | 326.3 | 4588 | 4872 | 25.3 | -12.5 | -4.0 | 70.7 | 74.4 | -0.6 | 206.6 | 59.4 | 3.5 | 137.3 |
| 13:42:00 | 15 32.4 | -56 30.7 | 105.6 | 81.5 | 133.4 | 4880 | 53.2 | 2.8 | -0.3 | 566.5 | 70.2 | 12.3 | 3.2 | -27.8 | -30.7 | 0.0 |
| 13:42:00 | 15 32.8 | -56 30.8 | 105.8 | 82.1 | 134.0 | 4722* | 53.5 | 2.8 | -0.4 | 570.6 | 70.3 | 11.9 | 2.6 | -27.2 | -30.0 | 0.0 |
| 13:42:01 | 15 32.7 | -56 30.5 | 105.8 | 82.9 | 134.4 | 4867 | 1.6 | 8.1 | -9.9 | 69.4 | 76.3 | -0.0 | -8.9 | 47.0 | 47.0 | 6.2 |
| 13:42:00 | 15 32.5 | -56 30.8 | 324.4 | 326.4 | 4588 | 4873 | 25.5 | -11.6 | -3.7 | 70.2 | 73.9 | -0.6 | 206.0 | 56.9 | 3.5 | 136.9 |
| 13:42:30 | 15 33.7 | -56 28.9 | 105.8 | 81.2 | 133.3 | 4880 | 53.3 | 2.8 | -0.3 | 566.5 | 70.5 | 12.2 | 3.1 | -27.8 | -30.7 | 0.1 |
| 13:42:30 | 15 34.1 | -56 29.0 | 106.0 | 81.8 | 133.9 | 4763 | 53.5 | 2.8 | -0.4 | 570.6 | 70.5 | 11.8 | 2.4 | -26.8 | -29.6 | 0.0 |
| 13:42:31 | 15 34.0 | -56 28.7 | 106.0 | 82.6 | 134.4 | 4866 | 1.3 | 7.6 | -10.1 | 69.6 | 76.7 | -0.0 | -9.0 | 47.0 | 47.0 | 6.3 |
| 13:42:30 | 15 33.7 | -56 29.1 | 324.3 | 326.3 | 4588 | 4872 | 25.6 | -12.3 | -4.0 | 70.5 | 74.3 | -0.6 | 206.4 | 50.8 | 3.7 | 137.1 |
| 13:43:00 | 15 35.0 | -56 27.2 | 105.8 | 81.5 | 133.5 | 4880 | 53.4 | 2.7 | -0.3 | 566.5 | 70.8 | 12.3 | 3.2 | -27.8 | -30.7 | 0.1 |
| 13:43:00 | 15 35.4 | -56 27.2 | 106.0 | 82.1 | 134.1 | 4705 | 53.6 | 2.6 | -0.4 | 570.6 | 70.9 | 11.9 | 2.5 | -26.7 | -29.5 | 0.0 |
| 13:43:01 | 15 35.4 | -56 27.0 | 106.0 | 83.0 | 134.6 | 4867 | 1.6 | 7.9 | -10.0 | 69.9 | 77.0 | -0.0 | -9.0 | 47.0 | 47.0 | 6.2 |
| 13:43:00 | 15 35.2 | -56 27.1 | 324.4 | 326.4 | 4589 | 4873 | 25.6 | -11.9 | -3.8 | 70.8 | 74.6 | -0.6 | 206.8 | 61.4 | 3.9 | 137.4 |
| 13:43:30 | 15 36.3 | -56 25.4 | 106.5 | 81.1 | 133.9 | 4879 | 53.4 | 2.7 | -0.2 | 566.5 | 71.1 | 12.0 | 2.9 | -27.7 | -30.6 | 0.1 |
| 13:43:30 | 15 36.8 | -56 25.4 | 106.7 | 81.8 | 134.4 | 4746 | 53.6 | 2.7 | -0.3 | 570.6 | 71.1 | 11.6 | 2.2 | -26.1 | -28.9 | 0.0 |
| 13:43:31 | 15 36.7 | -56 25.2 | 106.6 | 82.6 | 134.9 | 4867 | 1.3 | 7.1 | -10.4 | 70.2 | 77.3 | -0.0 | -9.0 | 47.0 | 47.0 | 6.4 |
| 13:43:30 | 15 36.7 | -56 25.2 | 324.0 | 326.0 | 4588 | 4872 | 25.6 | -12.1 | -3.9 | 71.1 | 74.9 | -0.6 | 207.2 | 48.5 | 3.7 | 137.6 |
| 13:44:00 | 15 37.6 | -56 23.6 | 106.7 | 81.1 | 134.0 | 4878 | 53.3 | 2.6 | -0.1 | 566.5 | 71.2 | 11.8 | 2.7 | -27.7 | -30.6 | 0.1 |
| 13:44:00 | 15 38.1 | -56 23.6 | 106.9 | 81.7 | 134.5 | 4699 | 53.6 | 2.6 | -0.2 | 570.6 | 71.2 | 11.4 | 2.0 | -26.0 | -28.8 | 0.0 |
| 13:44:01 | 15 38.0 | -56 23.4 | 106.8 | 82.6 | 135.0 | 4867 | 1.2 | 6.9 | -10.5 | 70.2 | 77.3 | -0.0 | -9.0 | 47.0 | 47.0 | 6.5 |
| 13:44:00 | 15 38.0 | -56 23.4 | 323.8 | 325.8 | 4589 | 4872 | 25.4 | -12.0 | -3.8 | 71.2 | 74.9 | -0.6 | 207.3 | 45.4 | 3.7 | 137.6 |
| 13:44:30 | 15 39.0 | -56 21.8 | 106.9 | 80.8 | 134.0 | 4879 | 53.4 | 2.7 | -0.4 | 566.6 | 71.7 | 12.0 | 2.8 | -27.8 | -30.7 | 0.1 |
| 13:44:30 | 15 39.4 | -56 21.8 | 107.1 | 81.5 | 134.6 | 4702 | 53.7 | 2.7 | -0.5 | 570.6 | 71.7 | 11.6 | 2.2 | -25.9 | -28.7 | 0.0 |
| 13:44:31 | 15 39.4 | -56 21.6 | 107.1 | 82.3 | 135.1 | 4867 | 1.3 | 6.2 | -10.8 | 70.7 | 77.8 | -0.0 | -9.1 | 47.0 | 47.0 | 6.4 |
| 13:44:30 | 15 38.8* | -56 22.3* | 324.0 | 326.0 | 4588 | 4870 | 25.4 | -12.2 | -3.9 | 71.7 | 75.5 | -0.6 | 208.0 | 43.2 | 4.1 | 138.1 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 13:45:00 | 15 40.3 | -56 20.0 | 106.8 | 81.3 | 134.2 | 4880 | 53.4 | 2.7 | -0.4 | 566.6 | 71.3 | 12.1 | 3.0 | -27.9 | -30.8 | 0.1 |
| 13:45:00 | 15 40.7 | -56 20.0 | 107.0 | 81.9 | 134.8 | 4768 | 53.6 | 2.6 | -0.5 | 570.6 | 71.3 | 11.7 | 2.3 | -25.9 | -28.7 | 0.0 |
| 13:45:01 | 15 40.7 | -56 19.8 | 107.0 | 82.8 | 135.3 | 4865 | 1.5 | 6.9 | -10.5 | 70.3 | 77.4 | -0.0 | -9.0 | 47.0 | 47.0 | 6.3 |
| 13:45:00 | 15 40.5 | -56 20.1 | 324.1 | 326.1 | 4588 | 4872 | 25.2 | -12.2 | -3.9 | 71.3 | 75.0 | -0.6 | 207.5 | 46.8 | 3.5 | 137.8 |
| 13:45:30 | 15 41.6 | -56 18.2 | 106.7 | 81.2 | 134.1 | 4877 | 53.4 | 2.7 | -0.2 | 566.7 | 71.5 | 12.3 | 3.2 | -27.9 | -30.8 | 0.0 |
| 13:45:30 | 15 42.1 | -56 18.2 | 106.9 | 81.8 | 134.6 | 4764 | 53.6 | 2.7 | -0.3 | 570.7 | 71.5 | 11.9 | 2.5 | -25.9 | -28.7 | 0.0 |
| 13:45:31 | 15 42.1 | -56 18.0 | 106.9 | 82.7 | 135.1 | 4864 | 1.5 | 6.6 | -10.7 | 70.5 | 77.6 | -0.0 | -9.1 | 47.0 | 47.0 | 6.2 |
| 13:45:30 | 15 42.1 | -56 18.0 | 324.3 | 326.3 | 4587 | 4871 | 25.0 | -12.3 | -4.0 | 71.5 | 75.2 | -0.6 | 207.7 | 47.1 | 3.9 | 138.0 |
| 13:46:00 | 15 42.9 | -56 16.4 | 106.0 | 81.7 | 133.9 | 4877 | 53.2 | 2.9 | -0.2 | 566.8 | 70.5 | 12.3 | 3.3 | -28.0 | -30.9 | 0.0 |
| 13:46:00 | 15 43.4 | -56 16.5 | 106.2 | 82.4 | 134.4 | 4741 | 53.5 | 2.9 | -0.4 | 570.7 | 70.5 | 11.9 | 2.6 | -26.6 | -29.4 | 0.0 |
| 13:46:01 | 15 43.4 | -56 16.2 | 106.1 | 83.2 | 134.9 | 4863 | 1.8 | 7.9 | -10.0 | 69.6 | 76.7 | -0.0 | -8.9 | 47.0 | 47.0 | 6.1 |
| 13:46:00 | 15 43.3 | -56 16.4 | 324.5 | 326.4 | 4587 | 4871 | 25.0 | -12.3 | -4.0 | 70.5 | 74.2 | -0.6 | 206.4 | 54.7 | 3.3 | 137.1 |
| 13:46:30 | 15 44.2 | -56 14.7 | 105.7 | 82.0 | 133.8 | 4880 | 53.1 | 2.7 | -0.3 | 566.6 | 70.5 | 12.4 | 3.4 | -28.0 | -30.9 | 0.1 |
| 13:46:30 | 15 44.7 | -56 14.7 | 105.9 | 82.6 | 134.3 | 4725* | 53.4 | 2.7 | -0.4 | 570.6 | 70.5 | 12.0 | 2.7 | -27.2 | -30.0 | 0.0 |
| 13:46:31 | 15 44.8 | -56 14.4 | 105.8 | 83.5 | 134.8 | 4863 | 1.8 | 7.6 | -10.1 | 69.6 | 76.7 | -0.0 | -8.9 | 47.0 | 47.0 | 6.0 |
| 13:46:30 | 15 44.7 | -56 14.5 | 324.6 | 326.6 | 4588 | 4873 | 25.2 | -12.2 | -3.9 | 70.5 | 74.2 | -0.6 | 206.3 | 56.3 | 3.4 | 137.1 |
| 13:47:00 | 15 45.6 | -56 12.9 | 103.2 | 85.2 | 133.8 | 4878 | 51.0 | 2.7 | -1.9 | 566.7 | 71.2 | 12.4 | 3.2 | -28.0 | -31.0 | 0.0 |
| 13:47:00 | 15 46.1 | -56 12.9 | 103.4 | 85.8 | 134.4 | 4759 | 51.2 | 2.7 | -2.1 | 570.7 | 71.3 | 11.9 | 2.5 | -26.2 | -28.9 | 0.0 |
| 13:47:01 | 15 46.1 | -56 12.7 | 103.4 | 86.7 | 134.9 | 4864 | 1.6 | 7.0 | -10.5 | 70.3 | 77.4 | -0.0 | -9.0 | 47.0 | 47.0 | 6.1 |
| 13:47:00 | 15 46.1 | -56 12.7 | 324.4 | 326.3 | 4587 | 4871 | 25.3 | -11.6 | -3.7 | 71.2 | 75.0 | -0.6 | 207.4 | 44.0 | 4.0 | 137.8 |
| 13:47:30 | 15 47.0 | -56 11.2 | 100.9 | 87.7 | 133.7 | 4879 | 49.5 | 2.6 | -0.4 | 566.6 | 71.2 | 12.1 | 3.0 | -28.0 | -31.0 | 0.1 |
| 13:47:30 | 15 47.5 | -56 11.2 | 101.1 | 88.3 | 134.2 | 4731 | 49.8 | 2.7 | -0.5 | 570.6 | 71.2 | 11.7 | 2.3 | -25.8 | -28.6 | 0.0 |
| 13:47:31 | 15 47.6 | -56 11.0 | 101.0 | 89.2 | 134.8 | 4863 | 1.3 | 6.8 | -10.5 | 70.3 | 77.3 | -0.0 | -9.0 | 47.0 | 47.0 | 6.2 |
| 13:47:30 | 15 47.5 | -56 11.1 | 324.1 | 326.1 | 4588 | 4872 | 25.5 | -12.1 | -3.9 | 71.2 | 74.9 | -0.6 | 207.3 | 41.1 | 4.0 | 137.7 |
| 13:48:00 | 15 48.4 | -56 9.5 | 100.5 | 87.8 | 133.5 | 4879 | 49.4 | 2.7 | -0.4 | 566.6 | 71.7 | 12.1 | 2.9 | -28.0 | -30.9 | 0.1 |
| 13:48:00 | 15 48.9 | -56 9.5 | 100.7 | 88.4 | 134.0 | 4741* | 49.7 | 2.7 | -0.5 | 570.6 | 71.7 | 11.7 | 2.2 | -26.0 | -28.8 | 0.0 |
| 13:48:01 | 15 49.0 | -56 9.3 | 100.7 | 89.3 | 134.6 | 4862 | 1.3 | 6.4 | -10.8 | 70.8 | 77.9 | -0.0 | -9.1 | 47.0 | 47.0 | 6.2 |
| 13:48:00 | 15 48.8 | -56 9.5 | 324.0 | 326.0 | 4588 | 4871 | 25.6 | -12.3 | -4.0 | 71.7 | 75.5 | -0.6 | 208.1 | 42.2 | 4.7 | 138.2 |
| 13:48:30 | 15 49.9 | -56 7.8 | 100.4 | 88.0 | 133.5 | 4878 | 49.4 | 2.7 | -0.4 | 566.7 | 71.3 | 12.1 | 2.9 | -28.0 | -30.9 | 0.1 |
| 13:48:30 | 15 50.4 | -56 7.8 | 100.6 | 88.6 | 134.0 | 4768 | 49.7 | 2.7 | -0.5 | 570.6 | 71.3 | 11.7 | 2.3 | -26.5 | -29.3 | 0.0 |
| 13:48:31 | 15 50.5 | -56 7.6 | 100.5 | 89.5 | 134.6 | 4862 | 1.2 | 7.1 | -10.4 | 70.4 | 77.5 | -0.0 | -9.0 | 47.0 | 47.0 | 6.2 |
| 13:48:30 | 15 50.4 | -56 7.6 | 324.1 | 326.0 | 4588 | 4872 | 25.7 | -12.2 | -3.9 | 71.3 | 75.0 | -0.6 | 207.4 | 44.5 | 4.2 | 137.8 |
| 13:49:00 | 15 51.3 | -56 6.1 | 102.4 | 85.3 | 133.3 | 4876 | 50.5 | 2.8 | 0.8 | 566.8 | 70.5 | 11.9 | 2.8 | -28.0 | -31.0 | 0.1 |
| 13:49:00 | 15 51.8 | -56 6.1 | 102.5 | 85.9 | 133.8 | 4751* | 50.8 | 2.8 | 0.7 | 570.7 | 70.5 | 11.5 | 2.2 | -26.1 | -28.9 | 0.0 |
| 13:49:01 | 15 51.9 | -56 5.9 | 102.5 | 86.8 | 134.3 | 4863 | 1.4 | 7.2 | -10.3 | 69.7 | 76.6 | -0.0 | -8.9 | 47.0 | 47.0 | 6.2 |
| 13:49:00 | 15 51.8 | -56 6.0 | 324.0 | 325.9 | 4587 | 4871 | 25.6 | -11.4 | -3.6 | 70.5 | 74.3 | -0.6 | 206.4 | 36.0 | 3.9 | 137.0 |
| 13:49:30 | 15 52.6 | -56 4.4 | 103.2 | 83.9 | 133.0 | 4875 | 51.2 | 2.9 | -0.1 | 566.8 | 70.8 | 12.0 | 3.0 | -28.1 | -31.0 | 0.1 |
| 13:49:30 | 15 53.2 | -56 4.4 | 103.3 | 84.5 | 133.5 | 4749 | 51.4 | 2.9 | -0.3 | 570.8 | 70.8 | 11.6 | 2.3 | -26.2 | -29.0 | 0.0 |
| 13:49:31 | 15 53.3 | -56 4.2 | 103.3 | 85.4 | 134.0 | 4864 | 1.5 | 6.8 | -10.4 | 69.9 | 76.9 | -0.0 | -9.0 | 47.0 | 47.0 | 6.2 |
| 13:49:30 | 15 53.3 | -56 4.2 | 324.1 | 326.0 | 4586 | 4870 | 25.7 | -11.9 | -3.8 | 70.7 | 74.5 | -0.6 | 206.7 | 36.8 | 4.4 | 137.3 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 13:50:00 | 15 54.0 | -56 2.7 | 103.5 | 83.7 | 133.1 | 4878 | 51.3 | 2.6 | -0.4 | 566.5 | 71.8 | 12.2 | 3.0 | -28.1 | -31.0 | 0.1 |
| 13:50:00 | 15 54.6 | -56 2.7 | 103.7 | 84.3 | 133.6 | 4748 | 51.6 | 2.5 | -0.5 | 570.5 | 71.8 | 11.8 | 2.3 | -26.0 | -28.8 | 0.0 |
| 13:50:01 | 15 54.7 | -56 2.4 | 103.6 | 85.2 | 134.1 | 4870 | 1.5 | 6.1 | -10.9 | 70.9 | 78.0 | -0.0 | -9.1 | 47.0 | 47.0 | 6.1 |
| 13:50:00 | 15 54.1 | -56 3.1 | 324.2 | 326.1 | 4589 | 4872 | 25.6 | -12.2 | -3.9 | 71.8 | 75.6 | -0.6 | 208.2 | 37.7 | 5.3 | 138.3 |
| 13:50:30 | 15 55.4 | -56 0.9 | 103.6 | 84.2 | 133.5 | 4876 | 51.3 | 2.7 | -0.3 | 566.7 | 70.7 | 12.0 | 2.9 | -28.1 | -31.1 | 0.1 |
| 13:50:30 | 15 55.9 | -56 0.9 | 103.8 | 84.8 | 134.0 | 4727 | 51.6 | 2.7 | -0.4 | 570.6 | 70.7 | 11.6

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 13:55:00 | 16 7.8 | -55 45.2 | 104.9 | 85.3 | 135.2 | 4880 | 51.3 | 2.5 | -0.1 | 566.6 | 71.4 | 11.9 | 2.7 | -28.1 | -31.0 | 0.0 |
| 13:55:00 | 16 8.4 | -55 45.2 | 105.0 | 85.8 | 135.6 | 4760* | 51.5 | 2.5 | -0.2 | 570.5 | 71.4 | 11.4 | 2.0 | -29.2 | -32.2 | 0.0 |
| 13:55:01 | 16 8.7 | -55 45.0 | 104.9 | 86.5 | 135.9 | 4867 | 1.2 | 6.5 | -10.7 | 70.4 | 77.5 | -0.0 | -9.1 | 47.0 | 47.0 | 6.3 |
| 13:55:00 | 16 8.5 | -55 45.2 | 323.8 | 325.8 | 4589 | 4875 | 25.5 | -12.0 | -3.8 | 71.4 | 75.1 | -0.6 | 207.6 | 31.7 | 2.8 | 137.8 |
| 13:55:30 | 16 9.1 | -55 43.5 | 105.2 | 85.5 | 135.5 | 4879 | 51.4 | 2.6 | -0.3 | 566.6 | 72.1 | 12.0 | 2.7 | -27.9 | -30.8 | 0.1 |
| 13:55:30 | 16 9.8 | -55 43.4 | 105.3 | 86.0 | 135.9 | 4723 | 51.6 | 2.6 | -0.4 | 570.6 | 72.2 | 11.5 | 2.0 | -29.0 | -32.0 | 0.0 |
| 13:55:31 | 16 10.1 | -55 43.2 | 105.2 | 86.6 | 136.3 | 4865 | 1.1 | 6.4 | -10.9 | 71.1 | 78.3 | -0.0 | -9.1 | 47.0 | 47.0 | 6.4 |
| 13:55:30 | 16 9.8 | -55 43.6 | 323.8 | 325.8 | 4589 | 4875 | 25.5 | -12.5 | -4.0 | 72.1 | 75.9 | -0.6 | 208.7 | 36.4 | 3.0 | 138.5 |
| 13:56:00 | 16 10.5 | -55 41.7 | 105.6 | 85.6 | 135.9 | 4878 | 51.3 | 2.6 | -0.3 | 566.7 | 72.4 | 11.9 | 2.6 | -27.9 | -30.8 | 0.1 |
| 13:56:00 | 16 11.2 | -55 41.7 | 105.7 | 86.1 | 136.3 | 4704* | 51.6 | 2.5 | -0.5 | 570.6 | 72.4 | 11.5 | 2.0 | -29.1 | -32.1 | 0.0 |
| 13:56:01 | 16 11.5 | -55 41.5 | 105.6 | 86.7 | 136.6 | 4863 | 1.1 | 5.6 | -11.2 | 71.3 | 78.5 | -0.0 | -9.2 | 47.0 | 47.0 | 6.4 |
| 13:56:00 | 16 11.1 | -55 42.0 | 323.8 | 325.7 | 4588 | 4875 | 26.0 | -12.5 | -4.1 | 72.3 | 76.2 | -0.6 | 209.0 | 28.8 | 3.0 | 138.7 |
| 13:56:30 | 16 11.9 | -55 39.9 | 105.5 | 85.8 | 136.0 | 4881 | 51.3 | 2.6 | -0.2 | 566.7 | 72.0 | 11.7 | 2.5 | -27.9 | -30.8 | 0.1 |
| 13:56:30 | 16 12.6 | -55 39.9 | 105.6 | 86.3 | 136.3 | 4747 | 51.6 | 2.6 | -0.3 | 570.6 | 72.0 | 11.3 | 1.8 | -29.6 | -32.6 | 0.0 |
| 13:56:31 | 16 12.9 | -55 39.7 | 105.4 | 86.8 | 136.6 | 4862 | 1.0 | 5.8 | -11.1 | 71.0 | 78.1 | -0.0 | -9.1 | 47.0 | 47.0 | 6.5 |
| 13:56:30 | 16 12.7 | -55 39.9 | 323.6 | 325.6 | 4589 | 4874 | 25.9 | -12.2 | -3.9 | 71.9 | 75.7 | -0.6 | 208.4 | 33.0 | 2.4 | 138.3 |
| 13:57:00 | 16 13.3 | -55 38.1 | 105.8 | 85.8 | 136.2 | 4879 | 51.3 | 2.7 | -0.1 | 566.7 | 72.1 | 11.9 | 2.6 | -27.9 | -30.8 | 0.0 |
| 13:57:00 | 16 14.0 | -55 38.1 | 105.9 | 86.2 | 136.5 | 4759 | 51.5 | 2.6 | -0.3 | 570.6 | 72.2 | 11.5 | 1.9 | -30.4 | -33.5 | 0.0 |
| 13:57:01 | 16 14.3 | -55 37.9 | 105.7 | 86.8 | 136.8 | 4862 | 1.1 | 5.7 | -11.2 | 71.2 | 78.3 | -0.0 | -9.1 | 47.0 | 47.0 | 6.4 |
| 13:57:00 | 16 14.3 | -55 37.9 | 323.7 | 325.7 | 4588 | 4874 | 25.9 | -11.9 | -3.8 | 72.1 | 76.0 | -0.6 | 208.7 | 28.5 | 2.5 | 138.5 |
| 13:57:30 | 16 14.7 | -55 36.4 | 105.6 | 85.4 | 135.8 | 4878 | 51.3 | 2.7 | -0.1 | 566.7 | 72.2 | 12.0 | 2.7 | -27.9 | -30.8 | 0.0 |
| 13:57:30 | 16 15.4 | -55 36.3 | 105.7 | 85.9 | 136.2 | 4762* | 51.5 | 2.7 | -0.2 | 570.6 | 72.2 | 11.5 | 2.0 | -30.8 | -34.0 | 0.0 |
| 13:57:31 | 16 15.7 | -55 36.1 | 105.6 | 86.3 | 136.4 | 4865 | 1.2 | 5.7 | -11.2 | 71.2 | 78.4 | -0.0 | -9.1 | 47.0 | 47.0 | 6.4 |
| 13:57:30 | 16 15.6 | -55 36.3 | 323.8 | 325.8 | 4588 | 4874 | 25.8 | -12.3 | -4.0 | 72.2 | 76.0 | -0.6 | 208.7 | 26.9 | 2.9 | 138.5 |
| 13:58:00 | 16 16.1 | -55 34.6 | 105.4 | 85.4 | 135.6 | 4879 | 51.3 | 2.6 | -0.3 | 566.7 | 72.0 | 12.1 | 2.8 | -27.9 | -30.8 | 0.1 |
| 13:58:00 | 16 16.8 | -55 34.6 | 105.5 | 85.9 | 136.0 | 4732 | 51.5 | 2.6 | -0.4 | 570.6 | 72.0 | 11.6 | 2.1 | -30.5 | -33.6 | 0.0 |
| 13:58:01 | 16 17.1 | -55 34.4 | 105.4 | 86.3 | 136.2 | 4865 | 1.4 | 5.2 | -11.4 | 71.1 | 78.2 | -0.0 | -9.1 | 47.0 | 47.0 | 6.3 |
| 13:58:00 | 16 17.1 | -55 34.4 | 324.0 | 325.9 | 4588 | 4873 | 25.8 | -11.8 | -3.8 | 72.0 | 75.8 | -0.6 | 208.5 | 28.7 | 2.9 | 138.4 |
| 13:58:30 | 16 17.5 | -55 32.8 | 105.3 | 85.5 | 135.7 | 4882 | 51.4 | 2.6 | -0.3 | 566.6 | 72.8 | 12.6 | 3.3 | -27.9 | -30.8 | 0.1 |
| 13:58:30 | 16 18.2 | -55 32.8 | 105.4 | 85.9 | 136.0 | 4740* | 51.6 | 2.6 | -0.4 | 570.5 | 72.9 | 12.2 | 2.6 | -30.0 | -33.1 | 0.0 |
| 13:58:31 | 16 18.5 | -55 32.6 | 105.3 | 86.3 | 136.1 | 4866 | 1.7 | 5.4 | -11.4 | 71.8 | 79.0 | -0.0 | -9.2 | 47.0 | 47.0 | 6.1 |
| 13:58:30 | 16 18.4 | -55 32.7 | 324.5 | 326.5 | 4589 | 4875 | 25.9 | -12.3 | -4.0 | 72.8 | 76.7 | -0.6 | 209.7 | 37.6 | 3.7 | 139.3 |
| 13:59:00 | 16 18.9 | -55 31.0 | 105.3 | 85.4 | 135.6 | 4883 | 51.3 | 2.5 | -0.0 | 566.6 | 72.7 | 12.5 | 3.2 | -27.9 | -30.8 | 0.0 |
| 13:59:00 | 16 19.6 | -55 31.0 | 105.4 | 85.8 | 135.9 | 4760 | 51.5 | 2.5 | -0.2 | 570.6 | 72.7 | 12.1 | 2.5 | -29.4 | -32.4 | 0.0 |
| 13:59:01 | 16 19.9 | -55 30.8 | 105.3 | 86.1 | 136.0 | 4867 | 1.7 | 5.2 | -11.5 | 71.7 | 78.9 | -0.0 | -9.2 | 47.0 | 47.0 | 6.2 |
| 13:59:00 | 16 19.7 | -55 31.1 | 324.4 | 326.4 | 4589 | 4874 | 25.7 | -11.9 | -3.8 | 72.7 | 76.5 | -0.6 | 209.4 | 35.9 | 3.7 | 139.1 |
| 13:59:30 | 16 20.3 | -55 29.3 | 105.4 | 85.3 | 135.6 | 4882 | 51.4 | 2.6 | -0.1 | 566.7 | 72.4 | 12.3 | 3.0 | -27.9 | -30.8 | 0.1 |
| 13:59:30 | 16 21.0 | -55 29.2 | 105.5 | 85.8 | 135.9 | 4700 | 51.6 | 2.6 | -0.2 | 570.6 | 72.5 | 11.9 | 2.3 | -29.8 | -32.8 | 0.0 |
| 13:59:31 | 16 21.3 | -55 29.0 | 105.3 | 86.0 | 136.0 | 4869 | 1.5 | 5.1 | -11.5 | 71.5 | 78.6 | -0.0 | -9.2 | 47.0 | 47.0 | 6.3 |
| 13:59:30 | 16 20.7 | -55 29.8 | 324.1 | 326.1 | 4588 | 4874 | 25.8 | -12.2 | -3.9 | 72.4 | 76.3 | -0.6 | 209.1 | 33.2 | 3.4 | 138.9 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 14:00:00 | 16 21.6 | -55 27.5 | 105.5 | 85.5 | 135.8 | 4882 | 51.3 | 2.6 | -0.1 | 566.7 | 72.3 | 12.1 | 2.8 | -27.8 | -30.7 | 0.1 |
| 14:00:00 | 16 22.4 | -55 27.5 | 105.6 | 85.9 | 136.1 | 4746* | 51.6 | 2.6 | -0.2 | 570.6 | 72.3 | 11.7 | 2.1 | -30.6 | -33.7 | 0.0 |
| 14:00:01 | 16 22.7 | -55 27.3 | 105.4 | 86.1 | 136.1 | 4868 | 1.5 | 5.8 | -11.2 | 71.3 | 78.4 | -0.0 | -9.2 | 47.0 | 47.0 | 6.4 |
| 14:00:00 | 16 22.6 | -55 27.4 | 323.9 | 325.9 | 4588 | 4874 | 25.7 | -12.3 | -4.0 | 72.2 | 76.1 | -0.6 | 208.8 | 27.4 | 3.1 | 138.6 |
| 14:00:30 | 16 23.0 | -55 25.7 | 105.6 | 85.6 | 136.0 | 4882 | 51.4 | 2.6 | -0.3 | 566.7 | 72.6 | 12.1 | 2.8 | -27.9 | -30.8 | 0.1 |
| 14:00:30 | 16 23.8 | -55 25.7 | 105.7 | 86.1 | 136.3 | 4705* | 51.6 | 2.6 | -0.3 | 570.6 | 72.6 | 11.7 | 2.1 | -31.1 | -34.3 | 0.0 |
| 14:00:31 | 16 24.1 | -55 25.5 | 105.6 | 86.2 | 136.3 | 4866 | 1.2 | 5.5 | -11.4 | 71.6 | 78.8 | -0.0 | -9.2 | 47.0 | 47.0 | 6.4 |
| 14:00:30 | 16 23.9 | -55 25.8 | 324.0 | 325.9 | 4588 | 4873 | 25.7 | -12.1 | -3.9 | 72.5 | 76.4 | -0.6 | 209.3 | 33.8 | 3.0 | 138.9 |
| 14:01:00 | 16 24.4 | -55 23.9 | 105.5 | 86.1 | 136.2 | 4882 | 51.4 | 2.5 | -0.1 | 566.7 | 72.3 | 12.0 | 2.8 | -27.8 | -30.7 | 0.1 |
| 14:01:00 | 16 25.2 | -55 23.9 | 105.6 | 86.5 | 136.5 | 4729 | 51.6 | 2.5 | -0.3 | 570.6 | 72.3 | 11.6 | 2.1 | -30.5 | -33.6 | 0.0 |
| 14:01:01 | 16 25.5 | -55 23.7 | 105.5 | 86.6 | 136.5 | 4867 | 1.2 | 5.3 | -11.4 | 71.3 | 78.5 | -0.0 | -9.2 | 47.0 | 47.0 | 6.4 |
| 14:01:00 | 16 24.9 | -55 24.5 | 323.9 | 325.9 | 4589 | 4873 | 25.7 | -12.2 | -3.9 | 72.3 | 76.1 | -0.6 | 208.9 | 40.1 | 2.5 | 138.7 |
| 14:01:30 | 16 25.8 | -55 22.2 | 106.3 | 86.2 | 136.8 | 4879 | 51.4 | 2.4 | -0.2 | 566.8 | 73.2 | 12.2 | 2.9 | -27.8 | -30.7 | 0.1 |
| 14:01:30 | 16 26.6 | -55 22.1 | 106.3 | 86.6 | 137.1 | 4689* | 51.6 | 2.5 | -0.3 | 570.7 | 73.2 | 11.8 | 2.2 | -29.6 | -32.6 | 0.0 |
| 14:01:31 | 16 26.9 | -55 21.9 | 106.2 | 86.6 | 137.0 | 4864 | 1.3 | 4.6 | -11.8 | 72.2 | 79.4 | -0.0 | -9.3 | 47.0 | 47.0 | 6.4 |
| 14:01:30 | 16 26.5 | -55 22.4 | 324.0 | 326.0 | 4587 | 4872 | 25.6 | -12.5 | -4.0 | 73.2 | 77.0 | -0.6 | 210.2 | 31.5 | 2.8 | 139.5 |
| 14:02:00 | 16 27.2 | -55 20.4 | 106.5 | 86.5 | 137.2 | 4879 | 51.3 | 2.4 | -0.3 | 566.7 | 73.8 | 12.3 | 2.9 | -27.8 | -30.7 | 0.0 |
| 14:02:00 | 16 28.0 | -55 20.3 | 106.5 | 86.9 | 137.4 | 4786* | 51.5 | 2.3 | -0.5 | 570.7 | 73.8 | 11.9 | 2.2 | -29.6 | -32.6 | 0.0 |
| 14:02:01 | 16 28.3 | -55 20.1 | 106.4 | 86.9 | 137.3 | 4869 | 1.4 | 4.1 | -12.1 | 72.7 | 79.9 | -0.0 | -9.3 | 47.0 | 47.0 | 6.3 |
| 14:02:00 | 16 28.3 | -55 20.2 | 324.0 | 326.0 | 4587 | 4870 | 25.7 | -12.2 | -3.9 | 73.7 | 77.6 | -0.6 | 210.9 | 33.0 | 3.0 | 140.0 |
| 14:02:30 | 16 28.6 | -55 18.6 | 106.6 | 86.5 | 137.2 | 4878 | 51.3 | 2.5 | -0.3 | 566.8 | 73.6 | 12.2 | 2.8 | -27.8 | -30.7 | 0.0 |
| 14:02:30 | 16 29.4 | -55 18.5 | 106.6 | 86.9 | 137.5 | 4729* | 51.6 | 2.5 | -0.4 | 570.7 | 73.6 | 11.8 | 2.1 | -29.4 | -32.4 | 0.0 |
| 14:02:31 | 16 29.7 | -55 18.4 | 106.5 | 86.8 | 137.4 | 4867 | 1.2 | 4.2 | -12.0 | 72.6 | 79.8 | -0.0 | -9.3 | 47.0 | 47.0 | 6.4 |
| 14:02:30 | 16 29.4 | -55 18.7 | 323.9 | 325.9 | 4587 | 4869 | 25.6 | -12.2 | -3.9 | 73.6 | 77.5 | -0.6 | 210.8 | 29.3 | 2.8 | 139.9 |
| 14:03:00 | 16 30.0 | -55 16.8 | 106.5 | 86.4 | 137.1 | 4879 | 51.4 | 2.5 | -0.4 | 566.8 | 73.3 | 12.2 | 2.8 | -27.8 | -30.8 | 0.1 |
| 14:03:00 | 16 30.8 | -55 16.7 | 106.5 | 86.8 | 137.3 | 4765* | 51.6 | 2.4 | -0.5 | 570.7 | 73.3 | 11.8 | 2.1 | -30.0 | -33.0 | 0.0 |
| 14:03:01 | 16 31.1 | -55 16.6 | 106.4 | 86.6 | 137.2 | 4867 | 1.2 | 4.5 | -11.8 | 72.2 | 79.4 | -0.0 | -9.3 | 47.0 | 47.0 | 6.4 |
| 14:03:00 | 16 30.9 | -55 16.8 | 324.0 | 325.9 | 4587 | 4868 | 25.5 | -12.4 | -4.0 | 73.3 | 77.1 | -0.6 | 210.3 | 31.4 | 2.6 | 139.6 |
| 14:03:30 | 16 31.4 | -55 15.0 | 106.5 | 86.3 | 137.1 | 4879 | 51.3 | 2.4 | -0.3 | 566.8 | 73.1 | 12.3 | 2.9 | -27.8 | -30.8 | 0.0 |
| 14:03:30 | 16 32.2 | -55 15.0 | 106.5 | 86.7 | 137.3 | 4710* | 51.5 | 2.5 | -0.4 | 570.7 | 73.2 | 11.9 | 2.3 | -29.5 | -32.5 | 0.0 |
| 14:03:31 | 16 32.5 | -55 14.8 | 106.4 | 86.6 | 137.1 | 4867 | 1.3 | 4.3 | -11.9 | 72.1 | 79.3 | -0.0 | -9.3 | 47.0 | 47.0 | 6.3 |
| 14:03:30 | 16 32.2 | -55 15.2 | 324.1 | 326.1 | 4587 | 4869 | 25.7 | -12.0 | -3.8 | 73.1 | 77.0 | -0.6 | 210.1 | 26.5 | 2.6 | 139.5 |
| 14:04:00 | 16 32.8 | -55 13.2 | 106.8 | 86.1 | 137.2 | 4879 | 51.3 | 2.4 | -0.3 | 566.8 | 73.7 | 12.6 | 3.1 | -27.8 | -30.7 | 0.0 |
| 14:04:00 | 16 33.6 | -55 13.2 | 106.7 | 86.5 | 137.4 | 4717* | 51.6 | 2.4 | -0.4 | 570.7 | 73.8 | 12.2 | 2.4 | -29.8 | -32.8 | 0.0 |
| 14:04:01 | 16 33.9 | -55 13.0 | 106.7 | 86.3 | 137.2 | 4861 | 1.6 | 3.6 | -12.3 | 72.7 | 79.9 | -0.0 | -9.3 | 47.0 | 47.0 | 6.2 |
| 14:04:00 | 16 33.8 | -55 13.1 | 324.3 | 326.3 | 4587 | 4869 | 25.3 | -12.1 | -3.9 | 73.7 | 77.6 | -0.6 | 210.9 | 27.2 | 3.1 | 140.1 |
| 14:04:30 | 16 34.2 | -55 11.4 | 106.5 | 85.9 | 136.8 | 4879 | 51.3 | 2.4 | -0.3 | 566.7 | 73.2 | 12.4 | 3.1 | -27.8 | -30.7 | 0.1 |
| 14:04:30 | 16 35.0 | -55 11.4 | 106.4 | 86.3 | 137.0 | 4699 | 51.6 | 2.4 | -0.4 | 570.6 | 73.2 | 12.0 | 2.4 | -30.8 | -33.9 | 0.0 |
| 14:04:31 | 16 35.3 | -55 11.2 | 106.3 | 86.0 | 136.7 | 4863 | 1.5 | 4.4 | -11.9 | 72.2 | 79.3 | -0.0 | -9.3 | 47.0 | 47.0 | 6.3 |
| 14:04:30 | 16 35.0* | -55 11.7* | 324.2 | 326.2 | 4588 | 4869 | 25.1 | -12.1 | -3.9 | 73.2 | 77.0 | -0.6 | 210.2 | 24.4 | 3.1 | 139.6 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 14:05:00 | 16 35.6 | -55 9.6 | 106.5 | 85.7 | 136.7 | 4879 | 51.3 | 2.7 | -0.3 | 566.9 | 72.4 | 12.2 | 2.9 | -27.8 | -30.7 | 0.0 |
| 14:05:00 | 16 36.4 | -55 9.6 | 106.4 | 86.0 | 136.9 | 4764 | 51.5 | 2.6 | -0.4 | 570.8 | 72.4 | 11.8 | 2.2 | -29.7 | -32.8 | 0.0 |
| 14:05:01 | 16 36.7 | -55 9.4 | 106.4 | 85.7 | 136.6 | 4863 | 1.4 | 5.1 | -11.5 | 71.5 | 78.6 | -0.0 | -9.2 | 47.0 | 47.0 | 6.4 |
| 14:05:00 | 16 36.4 | -55 9.8 | 324.1 | 326.0 | 4585 | 4868 | 25.7 | -12.0 | -3.9 | 72.4 | 76.3 | -0.6 | 209.1 | 16.2 | 2.6 | 138.8 |
| 14:05:30 | 16 37.0 | -55 7.8 | 106.6 | 85.5 | 136.7 | 4881 | 51.4 | 2.5 | -0.3 | 566.8 | 73.0 | 12.4 | 3.0 | -27.8 | -30.7 | 0.0 |
| 14:05:30 | 16 37.8 | -55 7.8 | 106.5 | 85.9 | 136.8 | 4704 | 51.6 | 2.5 | -0.4 | 570.7 | 73.1 | 11.9 | 2.3 | -29.3 | -32.3 | 0.0 |
| 14:05:31 | 16 38.1 | -55 7.6 | 106.5 | 85.5 | 136.6 | 4860 | 1.4 | 4.6 | -11.8 | 72.0 | 79.2 | -0.0 | -9.2 | 47.0 | 47.0 | 6.3 |
| 14:05:30 | 16 37.7 | -55 8.1 | 324.2 | 326.1 | 4587 | 4870 | 25.8 | -11.9 | -3.8 | 73.0 | 76.9 | -0.6 | 209.9 | 21.9 | 3.1 | 139.4 |
| 14:06:00 | 16 38.4 | -55 6.0 | 106.7 | 86.0 | 137.0 | 4881 | 51.4 | 2.4 | -0.4 | 566.8 | 73.4 | 12.5 | 3.1 | -27.8 | -30.7 | 0.1 |
| 14:06:00 | 16 39.2 | -55 6.0 | 106.6 | 86.4 | 137.2 | 4718* | 51.6 | 2.4 | -0.5 | 570.7 | 73.4 | 12.1 | 2.4 | -29.8 | -32.8 | 0.0 |
| 14:06:01 | 16 39.5 | -55 5.8 | 106.5 | 86.0 | 136.9 | 4860 | 1.5 | 4.1 | -12.1 | 72.4 | 79.6 | -0.0 | -9.3 | 47.0 | 47.0 | 6.3 |
| 14:06:00 | 16 39.5 | -55 5.8 | 324.3 | 326.3 | 4587 | 4871 | 25.7 | -12.0 | -3.9 | 73.4 | 77.3 | -0.6 | 210.4 | 27.8 | 2.9 | 139.8 |
| 14:06:30 | 16 39.8 | -55 4.2 | 106.6 | 86.1 | 137.0 | 4880 | 51.3 | 2.5 | -0.2 | 566.8 | 73.4 | 12.7 | 3.3 | -27.8 | -30.7 | 0.1 |
| 14:06:30 | 16 40.6 | -55 4.2 | 106.5 | 86.5 | 137.2 | 4730 | 51.6 | 2.5 | -0.3 | 570.7 | 73.4 | 12.3 | 2.6 | -29.8 | -32.9 | 0.0 |
| 14:06:31 | 16 40.9 | -55 4.0 | 106.5 | 86.1 | 136.9 | 4863 | 1.7 | 4.6 | -11.9 | 72.4 | 79.6 | -0.0 | -9.3 | 47.0 | 47.0 | 6.2 |
| 14:06:30 | 16 40.6 | -55 4.4 | 324.4 | 326.4 | 4586 | 4870 | 25.7 | -11.8 | -3.8 | 73.4 | 77.3 | -0.6 | 210.4 | 29.5 | 2.9 | 139.8 |
| 14:07:00 | 16 41.2 | -55 2.4 | 108.7 | 83.2 | 136.9 | 4879 | 53.0 | 2.6 | 0.6 | 566.9 | 72.8 | 12.5 | 3.2 | -27.8 | -30.7 | 0.1 |
| 14:07:00 | 16 42.0 | -55 2.4 | 108.7 | 83.6 | 137.1 | 4781* | 53.2 | 2.6 | 0.5 | 570.8 | 72.8 | 12.1 | 2.5 | -29.9 | -32.9 | 0.0 |
| 14:07:01 | 16 42.3 | -55 2.2 | 108.6 | 83.1 | 136.8 | 4867 | 1.7 | 4.9 | -11.7 | 71.9 | 79.0 | -0.0 | -9.2 | 47.0 | 47.0 | 6.3 |
| 14:07:00 | 16 42.2 | -55 2.4 | 324.4 | 326.3 | 4586 | 4870 | 25.1 | -12.2 | -3.9 | 72.8 | 76.7 | -0.6 | 209.6 | 29.6 | 2.4 | 139.2 |
| 14:07:30 | 16 42.5 | -55 0.6 | 109.7 | 81.8 | 136.8 | 4883 | 53.4 | 2.5 | -0.2 | 566.8 | 72.8 | 12.6 | 3.2 | -27.7 | -30.6 | 0.1 |
| 14:07:30 | 16 43.4 | -55 0.5 | 109.6 | 82.2 | 137.0 | 4696* | 53.7 | 2.5 | -0.3 | 570.7 | 72.8 | 12.2 | 2.5 | -29.7 | -32.8 | 0.0 |
| 14:07:31 | 16 43.6 | -55 0.4 | 109.6 | 81.7 | 136.7 | 4871 | 1.7 | 4.7 | -11.7 | 71.8 | 79.0 | -0.0 | -9.2 | 47.0 | 47.0 | 6.2 |
| 14:07:30 | 16 43.6 | -55 0.4 | 324.4 | 326.4 | 4587 | 4872 | 25.6 | -11.9 | -3.8 | 72.8 | 76.6 | -0.6 | 209.6 | 23.1 | 2.7 | 139.2 |
| 14:08:00 | 16 43.9 | -54 58.7 | 110.3 | 81.6 | 137.2 | 4880 | 53.5 | 2.5 | -0.2 | 566.9 | 73.2 | 12.6 | 3.3 | -27.7 | -30.6 | 0.1 |
| 14:08:00 | 16 44.7 | -54 58.7 | 110.2 | 81.9 | 137.3 | 4752* | 53.8 | 2.4 | -0.3 | 570.7 | 73.2 | 12.2 | 2.6 | -30.1 | -33.2 | 0.0 |
| 14:08:01 | 16 45.0 | -54 58.5 | 110.2 | 81.4 | 137.0 | 4871 | 1.6 | 4.5 | -11.9 | 72.2 | 79.3 | -0.0 | -9.3 | 47.0 | 47.0 | 6.2 |
| 14:08:00 | 16 44.9 | -54 58.5 | 324.4 | 326.4 | 4586 | 4871 | 25.3 | -11.7 | -3.7 | 73.1 | 77.0 | -0.6 | 210.1 | 16.6 | 2.9 | 139.6 |
| 14:08:30 | 16 45.2 | -54 56.9 | 110.5 | 81.3 | 137.2 | 4882 | 53.6 | 2.3 | -0.3 | 566.7 | 73.6 | 12.7 | 3.3 | -27.7 | -30.6 | 0.1 |
| 14:08:30 | 16 46.0 | -54 56.8 | 110.4 | 81.6 | 137.3 | 4769* | 53.8 | 2.4 | -0.3 | 570.7 | 73.7 | 12.3 | 2.6 | -30.3 | -33.4 | 0.0 |
| 14:08:31 | 16 46.3 | -54 56.7 | 110.4 | 81.0 | 136.9 | 4873 | 1.8 | 3.5 | -12.3 | 72.6 | 79.8 | -0.0 | -9.3 | 47.0 | 47.0 | 6.3 |
| 14:08:30 | 16 45.9 | -54 57.2 | 324.5 | 326.5 | 4587 | 4871 | 25.5 | -12.1 | -3.9 | 73.6 | 77.6 | -0.6 | 210.8 | 16.7 | 3.5 | 140.0 |
| 14:09:00 | 16 46.5 | -54 55.0 | 110.8 | 81.3 | 137.5 | 4879 | 53.6 | 2.4 | -0.1 | 566.7 | 74.1 | 12.7 | 3.2 | -27.7 | -30.6 | 0.1 |
| 14:09:00 | 16 47.4 | -54 55.0 | 110.7 | 81.6 | 137.6 | 4753 | 53.8 | 2.3 | -0.2 | 570.6 | 74.1 | 12.3 | 2.5 | -30.4 | -33.5 | 0.0 |
| 14:09:01 | 16 47.6 | -54 54.8 | 110.7 | 81.0 | 137.2 | 4872 | 1.6 | 3.2 | -12.5 | 73.1 | 80.3 | -0.0 | -9.4 | 47.0 | 47.0 | 6.3 |
| 14:09:00 | 16 47.4 | -54 55.1 | 324.4 | 326.5 | 4588 | 4872 | 25.4 | -11.8 | -3.7 | 74.1 | 78.1 | -0.6 | 211.4 | 18.4 | 3.6 | 140.5 |
| 14:09:30 | 16 47.8 | -54 53.1 | 110.4 | 81.4 | 137.2 | 4879 | 53.8 | 2.5 | -0.5 | 566.8 | 73.7 | 12.9 | 3.4 | -27.6 | -30.5 | 0.1 |
| 14:09:30 | 16 48.7 | -54 53.1 | 110.3 | 81.7 | 137.3 | 4735* | 54.0 | 2.5 | -0.6 | 570.7 | 73.7 | 12.5 | 2.7 | -30.2 | -33.3 | 0.0 |
| 14:09:31 | 16 48.9 | -54 52.9 | 110.3 | 81.0 | 136.9 | 4870 | 1.7 | 4.0 | -12.1 | 72.6 | 79.8 | -0.0 | -9.3 | 47.0 | 47.0 | 6.2 |
| 14:09:30 | 16 48.7 | -54 53.2 | 324.7 | 326.7 | 4587 | 4871 | 25.4 | -12.4 | -4.0 | 73.6 | 77.5 | -0.6 | 210.8 | 26.0 | 3.3 | 140.1 |



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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 |
| 14:10:00 | 16 49.2 | -54 51.3 | 110.5 | 81.4 | 137.3 | 4881 | 53.5 | 2.4 | -0.3 | 566.8 | 73.5 | 12.8 | 3.4 | -27.6 | -30.5 | 0.0 |
| 14:10:00 | 16 50.0 | -54 51.2 | 110.4 | 81.8 | 137.4 | 4787* | 53.7 | 2.4 | -0.4 | 570.7 | 73.5 | 12.4 | 2.7 | -30.3 | -33.4 | 0.0 |
| 14:10:01 | 16 50.2 | -54 51.1 | 110.5 | 81.1 | 137.0 | 4872 | 1.8 | 3.6 | -12.2 | 72.5 | 79.7 | -0.0 | -9.3 | 47.0 | 47.0 | 6.3 |
| 14:10:00 | 16 49.7 | -54 51.8 | 324.6 | 326.6 | 4587 | 4872 | 25.4 | -12.2 | -3.9 | 73.5 | 77.4 | -0.6 | 210.6 | 14.2 | 3.4 | 139.9 |
| 14:10:30 | 16 50.5 | -54 49.4 | 110.6 | 81.5 | 137.4 | 4880 | 53.6 | 2.4 | -0.4 | 566.8 | 73.7 | 12.9 | 3.5 | -27.6 | -30.5 | 0.1 |
| 14:10:30 | 16 51.3 | -54 49.4 | 110.5 | 81.8 | 137.5 | 4713* | 53.9 | 2.4 | -0.4 | 570.7 | 73.7 | 12.5

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 14:15:00 | 17 2.4 | -54 32.7 | 109.6 | 81.8 | 136.8 | 4880 | 53.6 | 2.5 | -0.3 | 566.9 | 73.6 | 12.9 | 3.5 | -27.4 | -30.3 | 0.0 |
| 14:15:00 | 17 3.3 | -54 32.7 | 109.5 | 82.1 | 136.8 | 4716 | 53.8 | 2.5 | -0.5 | 570.8 | 73.6 | 12.5 | 2.8 | -34.0 | -37.3 | 0.0 |
| 14:15:01 | 17 3.4 | -54 32.5 | 109.6 | 81.1 | 136.4 | 4867 | 1.8 | 3.6 | -12.3 | 72.6 | 79.8 | -0.0 | -9.3 | 47.0 | 47.0 | 6.4 |
| 14:15:00 | 17 3.1 | -54 33.0 | 324.7 | 326.7 | 4586 | 4874 | 24.8 | -11.9 | -3.8 | 73.6 | 77.5 | -0.6 | 210.8 | 37.2 | 3.3 | 140.0 |
| 14:15:30 | 17 3.8 | -54 30.8 | 109.4 | 81.4 | 136.4 | 4880 | 53.5 | 2.5 | -0.2 | 567.0 | 73.2 | 13.0 | 3.6 | -27.3 | -30.2 | 0.0 |
| 14:15:30 | 17 4.7 | -54 30.8 | 109.2 | 81.7 | 136.4 | 4797* | 53.8 | 2.6 | -0.3 | 570.8 | 73.2 | 12.6 | 2.9 | -33.8 | -37.1 | 0.0 |
| 14:15:31 | 17 4.7 | -54 30.6 | 109.4 | 80.7 | 135.9 | 4868 | 1.9 | 3.9 | -12.1 | 72.2 | 79.3 | -0.0 | -9.3 | 47.0 | 47.0 | 6.3 |
| 14:15:30 | 17 4.7 | -54 30.7 | 324.8 | 326.9 | 4585 | 4873 | 18.2 | -12.1 | -3.9 | 73.2 | 77.1 | -0.6 | 210.2 | 31.4 | 3.5 | 139.7 |
| 14:16:00 | 17 5.1 | -54 29.0 | 109.3 | 81.4 | 136.3 | 4880 | 53.6 | 2.4 | -0.1 | 566.9 | 73.3 | 12.9 | 3.5 | -27.3 | -30.2 | 0.0 |
| 14:16:00 | 17 6.0 | -54 29.0 | 109.2 | 81.7 | 136.3 | 4790* | 53.8 | 2.3 | -0.2 | 570.7 | 73.3 | 12.5 | 2.8 | -33.8 | -37.1 | 0.0 |
| 14:16:01 | 17 6.0 | -54 28.8 | 109.3 | 80.6 | 135.8 | 4873 | 1.9 | 3.5 | -12.3 | 72.3 | 79.5 | -0.0 | -9.3 | 47.0 | 47.0 | 6.4 |
| 14:16:00 | 17 5.5 | -54 29.6 | 324.7 | 326.8 | 4587 | 4873 | 24.6 | -11.7 | -3.7 | 73.3 | 77.2 | -0.6 | 210.3 | 34.2 | 3.7 | 139.8 |
| 14:16:30 | 17 6.4 | -54 27.1 | 109.5 | 81.4 | 136.5 | 4881 | 53.6 | 2.5 | -0.2 | 566.9 | 73.8 | 13.0 | 3.5 | -27.1 | -29.9 | 0.0 |
| 14:16:30 | 17 7.3 | -54 27.1 | 109.3 | 81.7 | 136.5 | 4742* | 53.9 | 2.5 | -0.3 | 570.7 | 73.8 | 12.6 | 2.8 | -33.8 | -37.2 | 0.0 |
| 14:16:31 | 17 7.4 | -54 26.9 | 109.5 | 80.7 | 136.0 | 4876 | 2.0 | 3.5 | -12.4 | 72.8 | 79.9 | -0.0 | -9.3 | 47.0 | 47.0 | 6.6 |
| 14:16:30 | 17 7.0 | -54 27.5 | 324.7 | 326.9 | 4586 | 4873 | 24.8 | -11.7 | -3.7 | 73.7 | 77.7 | -0.6 | 211.0 | 37.7 | 3.9 | 140.2 |
| 14:17:00 | 17 7.7 | -54 25.3 | 109.4 | 81.2 | 136.2 | 4883 | 53.7 | 2.3 | -0.4 | 566.8 | 74.1 | 13.0 | 3.5 | -27.1 | -29.9 | 0.0 |
| 14:17:00 | 17 8.6 | -54 25.3 | 109.2 | 81.5 | 136.2 | 4757 | 53.9 | 2.3 | -0.5 | 570.6 | 74.1 | 12.6 | 2.8 | -34.0 | -37.3 | 0.0 |
| 14:17:01 | 17 8.7 | -54 25.1 | 109.3 | 80.4 | 135.7 | 4876 | 1.9 | 2.1 | -13.0 | 73.0 | 80.2 | -0.0 | -9.4 | 47.0 | 47.0 | 6.6 |
| 14:17:00 | 17 8.5 | -54 25.4 | 324.7 | 326.8 | 4588 | 4874 | 24.4 | -12.7 | -4.1 | 74.0 | 78.0 | -0.6 | 211.4 | 37.6 | 4.4 | 140.5 |
| 14:17:30 | 17 9.1 | -54 23.4 | 109.3 | 80.8 | 136.0 | 4881 | 53.6 | 2.3 | -0.2 | 566.8 | 74.5 | 13.2 | 3.7 | -27.1 | -29.9 | 0.0 |
| 14:17:30 | 17 10.0 | -54 23.4 | 109.2 | 81.1 | 136.0 | 4723 | 53.8 | 2.4 | -0.3 | 570.7 | 74.5 | 12.8 | 3.0 | -34.1 | -37.4 | 0.0 |
| 14:17:31 | 17 10.0 | -54 23.2 | 109.3 | 80.0 | 135.5 | 4874 | 2.0 | 2.5 | -12.9 | 73.4 | 80.6 | -0.0 | -9.4 | 47.0 | 47.0 | 6.5 |
| 14:17:30 | 17 10.0 | -54 23.3 | 324.9 | 327.1 | 4587 | 4874 | 24.8 | -12.4 | -4.0 | 74.5 | 78.4 | -0.6 | 212.0 | 34.8 | 5.2 | 140.9 |
| 14:18:00 | 17 10.4 | -54 21.6 | 109.3 | 80.4 | 135.6 | 4878 | 53.5 | 2.4 | -0.1 | 566.8 | 73.9 | 13.3 | 3.8 | -27.1 | -30.0 | 0.0 |
| 14:18:00 | 17 11.3 | -54 21.6 | 109.1 | 80.6 | 135.7 | 4759 | 53.7 | 2.4 | -0.2 | 570.7 | 74.0 | 12.9 | 3.1 | -33.9 | -37.2 | 0.0 |
| 14:18:01 | 17 11.3 | -54 21.4 | 109.3 | 79.5 | 135.2 | 4869 | 2.1 | 3.3 | -12.5 | 72.9 | 80.0 | -0.0 | -9.3 | 47.0 | 47.0 | 6.4 |
| 14:18:00 | 17 10.9* | -54 21.9* | 325.1 | 327.2 | 4586 | 4873 | 24.8 | -11.5 | -3.6 | 73.9 | 77.9 | -0.6 | 211.2 | 29.0 | 5.2 | 140.4 |
| 14:18:30 | 17 11.7 | -54 19.7 | 109.2 | 80.1 | 135.4 | 4879 | 53.7 | 2.4 | -0.2 | 566.8 | 74.3 | 13.3 | 3.7 | -27.2 | -30.0 | 0.0 |
| 14:18:30 | 17 12.6 | -54 19.7 | 109.1 | 80.4 | 135.5 | 4715 | 53.9 | 2.4 | -0.3 | 570.7 | 74.4 | 12.9 | 3.0 | -33.7 | -37.0 | 0.0 |
| 14:18:31 | 17 12.6 | -54 19.6 | 109.3 | 79.2 | 135.0 | 4864 | 2.1 | 3.0 | -12.7 | 73.3 | 80.5 | -0.0 | -9.4 | 47.0 | 47.0 | 6.4 |
| 14:18:30 | 17 12.5 | -54 19.6 | 325.0 | 327.1 | 4587 | 4873 | 24.3 | -12.2 | -3.9 | 74.3 | 78.3 | -0.6 | 211.8 | 32.4 | 5.7 | 140.8 |
| 14:19:00 | 17 13.0 | -54 17.9 | 109.1 | 80.3 | 135.5 | 4879 | 53.6 | 2.4 | -0.1 | 566.8 | 73.9 | 13.2 | 3.7 | -27.2 | -30.1 | 0.0 |
| 14:19:00 | 17 13.9 | -54 17.9 | 109.0 | 80.6 | 135.5 | 4742 | 53.8 | 2.3 | -0.3 | 570.7 | 73.9 | 12.8 | 3.0 | -34.2 | -37.5 | 0.0 |
| 14:19:01 | 17 13.8 | -54 17.7 | 109.1 | 79.4 | 135.0 | 4863 | 2.2 | 3.3 | -12.5 | 72.9 | 80.0 | -0.0 | -9.3 | 47.0 | 47.0 | 6.4 |
| 14:19:00 | 17 13.8 | -54 17.7 | 325.0 | 327.1 | 4587 | 4873 | 24.8 | -11.3 | -3.5 | 73.9 | 77.8 | -0.6 | 211.1 | 34.4 | 5.1 | 140.4 |
| 14:19:30 | 17 14.3 | -54 16.0 | 109.0 | 80.6 | 135.5 | 4879 | 53.7 | 2.3 | -0.4 | 566.8 | 73.6 | 13.0 | 3.5 | -27.3 | -30.2 | 0.0 |
| 14:19:30 | 17 15.2 | -54 16.1 | 108.8 | 80.9 | 135.6 | 4742 | 53.9 | 2.4 | -0.5 | 570.7 | 73.7 | 12.5 | 2.8 | -34.4 | -37.8 | 0.0 |
| 14:19:31 | 17 15.1 | -54 15.9 | 109.0 | 79.7 | 135.0 | 4864 | 1.9 | 2.9 | -12.5 | 72.6 | 79.8 | -0.0 | -9.3 | 47.0 | 47.0 | 6.4 |
| 14:19:30 | 17 14.8* | -54 16.4* | 324.7 | 326.8 | 4587 | 4873 | 24.8 | -12.3 | -4.0 | 73.6 | 77.5 | -0.6 | 210.8 | 35.6 | 4.7 | 140.1 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 14:20:00 | 17 15.6 | -54 14.2 | 109.1 | 80.8 | 135.8 | 4880 | 53.6 | 2.3 | -0.3 | 566.9 | 73.7 | 13.0 | 3.6 | -27.4 | -30.3 | 0.0 |
| 14:20:00 | 17 16.5 | -54 14.2 | 109.0 | 81.1 | 135.8 | 4711 | 53.8 | 2.3 | -0.4 | 570.7 | 73.8 | 12.6 | 2.9 | -34.2 | -37.6 | 0.0 |
| 14:20:01 | 17 16.4 | -54 14.0 | 109.2 | 79.9 | 135.3 | 4863 | 1.8 | 3.2 | -12.5 | 72.7 | 79.9 | -0.0 | -9.3 | 47.0 | 47.0 | 6.3 |
| 14:20:00 | 17 16.0 | -54 14.7 | 324.8 | 326.9 | 4587 | 4874 | 24.7 | -11.9 | -3.8 | 73.7 | 77.6 | -0.6 | 210.9 | 33.7 | 4.6 | 140.2 |
| 14:20:30 | 17 16.9 | -54 12.4 | 109.2 | 81.2 | 136.1 | 4879 | 53.6 | 2.3 | -0.4 | 566.8 | 74.2 | 13.0 | 3.5 | -27.3 | -30.2 | 0.0 |
| 14:20:30 | 17 17.9 | -54 12.4 | 109.0 | 81.5 | 136.1 | 4731 | 53.9 | 2.4 | -0.5 | 570.6 | 74.2 | 12.6 | 2.8 | -32.5 | -35.7 | 0.0 |
| 14:20:31 | 17 17.7 | -54 12.2 | 109.2 | 80.3 | 135.6 | 4864 | 1.9 | 3.2 | -12.5 | 73.1 | 80.3 | -0.0 | -9.4 | 47.0 | 47.0 | 6.4 |
| 14:20:30 | 17 17.5 | -54 12.6 | 324.7 | 326.8 | 4588 | 4874 | 24.8 | -11.8 | -3.8 | 74.1 | 78.0 | -0.6 | 211.5 | 39.2 | 4.6 | 140.6 |
| 14:21:00 | 17 18.2 | -54 10.5 | 108.9 | 81.8 | 136.2 | 4880 | 53.8 | 2.4 | -0.3 | 566.8 | 74.2 | 12.7 | 3.2 | -27.3 | -30.2 | 0.0 |
| 14:21:00 | 17 19.2 | -54 10.5 | 108.7 | 82.1 | 136.3 | 4775* | 54.0 | 2.3 | -0.4 | 570.7 | 74.2 | 12.3 | 2.5 | -30.1 | -33.2 | 0.0 |
| 14:21:01 | 17 19.0 | -54 10.3 | 108.9 | 80.9 | 135.7 | 4863 | 1.7 | 2.9 | -12.6 | 73.1 | 80.3 | -0.0 | -9.4 | 47.0 | 47.0 | 6.5 |
| 14:21:00 | 17 19.0 | -54 10.4 | 324.4 | 326.5 | 4587 | 4873 | 24.7 | -12.2 | -3.9 | 74.1 | 78.1 | -0.6 | 211.5 | 53.2 | 4.2 | 140.5 |
| 14:21:30 | 17 19.6 | -54 8.7 | 109.1 | 81.5 | 136.2 | 4880 | 53.6 | 2.3 | -0.3 | 566.8 | 74.6 | 13.1 | 3.5 | -27.4 | -30.3 | 0.0 |
| 14:21:30 | 17 20.5 | -54 8.7 | 108.9 | 81.8 | 136.2 | 4729 | 53.8 | 2.3 | -0.4 | 570.6 | 74.6 | 12.7 | 2.8 | -30.4 | -33.5 | 0.0 |
| 14:21:31 | 17 20.4 | -54 8.5 | 109.2 | 80.6 | 135.7 | 4859 | 1.9 | 3.1 | -12.7 | 73.5 | 80.8 | -0.0 | -9.4 | 47.0 | 47.0 | 6.3 |
| 14:21:30 | 17 20.3 | -54 8.5 | 324.8 | 326.9 | 4588 | 4874 | 24.7 | -12.5 | -4.0 | 74.6 | 78.5 | -0.6 | 212.1 | 41.6 | 4.8 | 141.0 |
| 14:22:00 | 17 20.9 | -54 6.8 | 108.9 | 81.7 | 136.1 | 4881 | 53.5 | 2.3 | -0.2 | 566.8 | 74.0 | 13.0 | 3.5 | -27.4 | -30.3 | 0.0 |
| 14:22:00 | 17 21.8 | -54 6.9 | 108.7 | 82.0 | 136.2 | 4779* | 53.7 | 2.3 | -0.4 | 570.7 | 74.0 | 12.5 | 2.8 | -29.5 | -32.6 | 0.0 |
| 14:22:01 | 17 21.7 | -54 6.6 | 108.9 | 80.8 | 135.6 | 4861 | 1.8 | 2.6 | -12.7 | 72.9 | 80.1 | -0.0 | -9.4 | 47.0 | 47.0 | 6.4 |
| 14:22:00 | 17 21.1 | -54 7.4 | 324.7 | 326.8 | 4587 | 4873 | 24.8 | -12.2 | -3.9 | 73.9 | 77.8 | -0.6 | 211.2 | 41.7 | 4.3 | 140.4 |
| 14:22:30 | 17 22.2 | -54 5.0 | 109.5 | 81.0 | 136.2 | 4879 | 53.4 | 2.3 | -0.1 | 566.8 | 74.1 | 13.4 | 3.9 | -27.4 | -30.3 | 0.0 |
| 14:22:30 | 17 23.2 | -54 5.0 | 109.3 | 81.4 | 136.3 | 4723* | 53.7 | 2.3 | -0.2 | 570.7 | 74.1 | 13.0 | 3.2 | -31.8 | -34.9 | 0.0 |
| 14:22:31 | 17 23.0 | -54 4.8 | 109.6 | 80.1 | 135.7 | 4864 | 2.2 | 2.9 | -13.0 | 73.2 | 80.3 | -0.0 | -9.4 | 47.0 | 47.0 | 6.2 |
| 14:22:30 | 17 22.8 | -54 5.1 | 325.2 | 327.3 | 4587 | 4875 | 24.8 | -10.8 | -3.3 | 74.1 | 78.0 | -0.6 | 211.4 | 31.9 | 4.6 | 140.6 |
| 14:23:00 | 17 23.5 | -54 3.1 | 109.2 | 81.0 | 136.0 | 4880 | 53.7 | 2.4 | -0.2 | 566.8 | 74.5 | 12.9 | 3.4 | -27.4 | -30.3 | 0.0 |
| 14:23:00 | 17 24.5 | -54 3.2 | 109.0 | 81.4 | 136.0 | 4702 | 53.9 | 2.3 | -0.4 | 570.7 | 74.5 | 12.5 | 2.7 | -24.1 | -26.7 | 0.0 |
| 14:23:01 | 17 24.3 | -54 2.9 | 109.3 | 80.1 | 135.5 | 4869 | 1.7 | 2.8 | -12.8 | 73.5 | 80.6 | -0.0 | -9.4 | 47.0 | 47.0 | 6.4 |
| 14:23:00 | 17 24.2 | -54 3.0 | 324.6 | 326.6 | 4587 | 4874 | 20.7 | -11.5 | -3.6 | 74.5 | 78.4 | -0.6 | 212.0 | 41.1 | 4.9 | 140.8 |
| 14:23:30 | 17 24.8 | -54 1.3 | 108.5 | 81.9 | 135.9 | 4880 | 53.8 | 2.2 | -0.3 | 566.7 | 75.3 | 12.1 | 2.5 | -7.4 | -8.3 | 0.1 |
| 14:23:30 | 17 25.8 | -54 1.3 | 108.3 | 82.3 | 136.0 | 4741 | 54.0 | 2.3 | -0.4 | 570.6 | 75.3 | 11.7 | 1.8 | -5.9 | -6.6 | 0.0 |
| 14:23:31 | 17 25.6 | -54 1.1 | 108.6 | 80.9 | 135.4 | 4867 | 1.0 | 2.2 | -13.2 | 74.1 | 81.4 | -0.0 | -9.5 | 47.0 | 47.0 | 45.2 |
| 14:23:30 | 17 25.5 | -54 1.2 | 323.5 | 335.8 | 4588 | 4874 | 17.4 | -12.4 | -3.9 | 75.2 | 79.2 | -0.6 | 213.0 | 56.4 | 5.5 | 141.4 |
| 14:24:00 | 17 26.2 | -53 59.4 | 108.3 | 82.2 | 136.0 | 4879 | 53.5 | 2.4 | -0.3 | 566.9 | 74.6 | 12.3 | 2.7 | -10.9 | -12.3 | 0.0 |
| 14:24:00 | 17 27.2 | -53 59.5 | 108.1 | 82.5 | 136.0 | 4751 | 53.8 | 2.3 | -0.5 | 570.8 | 74.6 | 11.9 | 2.0 | -7.4 | -8.4 | 0.0 |
| 14:24:01 | 17 26.9 | -53 59.3 | 108.4 | 81.1 | 135.4 | 4867 | 1.3 | 2.6 | -12.8 | 73.5 | 80.8 | -0.0 | -9.4 | 47.0 | 47.0 | 32.3 |
| 14:24:00 | 17 26.7 | -53 59.5 | 323.8 | 332.9 | 4586 | 4873 | 18.4 | -12.2 | -3.9 | 74.6 | 78.6 | -0.6 | 212.1 | 51.6 | 4.9 | 140.9 |
| 14:24:30 | 17 27.5 | -53 57.6 | 108.5 | 81.6 | 135.8 | 4880 | 53.7 | 2.4 | -0.3 | 566.9 | 74.7 | 12.3 | 2.7 | -8.5 | -9.6 | 0.1 |
| 14:24:30 | 17 28.5 | -53 57.7 | 108.3 | 81.9 | 135.8 | 4712 | 54.0 | 2.4 | -0.4 | 570.8 | 74.7 | 11.9 | 2.0 | -7.1 | -8.0 | 0.0 |
| 14:24:31 | 17 28.2 | -53 57.4 | 108.6 | 80.6 | 135.3 | 4865 | 1.3 | 2.5 | -13.0 | 73.6 | 80.9 | -0.0 | -9.4 | 47.0 | 47.0 | 40.2 |
| 14:24:30 | 17 28.2 | -53 57.5 | 323.8 | 334.9 | 4586 | 4873 | 16.2 | -12.1 | -3.9 | 74.7 | 78.7 | -0.6 | 212.3 | 51.6 | 5.2 | 141.0 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 14:25:00 | 17 28.8 | -53 55.8 | 108.2 | 82.0 | 135.8 | 4883 | 53.8 | 2.3 | -0.4 | 566.8 | 74.7 | 12.3 | 2.8 | -12.9 | -14.5 | 0.0 |
| 14:25:00 | 17 29.8 | -53 55.8 | 108.1 | 82.3 | 135.9 | 4705 | 54.0 | 2.2 | -0.5 | 570.7 | 74.7 | 11.9 | 2.1 | -9.4 | -10.6 | 0.0 |
| 14:25:01 | 17 29.5 | -53 55.6 | 108.4 | 81.0 | 135.3 | 4868 | 1.3 | 2.1 | -13.1 | 73.6 | 80.9 | -0.0 | -9.4 | 47.0 | 47.0 | 27.0 |
| 14:25:00 | 17 29.4 | -53 55.7 | 323.9 | 331.5 | 4587 | 4874 | 17.6 | -12.3 | -3.9 | 74.7 | 78.6 | -0.6 | 212.3 | 59.0 | 5.1 | 140.9 |
| 14:25:30 | 17 30.2 | -53 53.9 | 107.9 | 82.7 | 135.9 | 4881 | 53.7 | 2.3 | -0.4 | 566.8 | 75.0 | 12.0 | 2.4 | -10.1 | -11.4 | 0.0 |
| 14:25:30 | 17 31.2 | -53 54.0 | 107.7 | 83.1 | 136.0 | 4706 | 53.9 | 2.3 | -0.5 | 570.7 | 75.0 | 11.6 | 1.7 | -9.9 | -11.1 | 0.0 |
| 14:25:31 | 17 30.8 | -53 53.8 | 108.0 | 81.7 | 135.4 | 4870 | 0.8 | 1.6 | -13.4 | 73.9 | 81.1 | -0.0 | -9.5 | 47.0 | 47.0 | 35.7 |
| 14:25:30 | 17 30.8 | -53 53.8 | 323.5 | 333.2 | 4587 | 4874 | 23.8 | -11.8 | -3.7 | 74.9 | 78.9 | -0.6 | 212.6 | 66.5 | 5.3 | 141.1 |
| 14:26:00 | 17 31.5 | -53 52.1 | 107.8 | 83.4 | 136.3 | 4879 | 53.6 | 2.2 | -0.1 | 566.8 | 74.3 | 11.9 | 2.4 | -11.9 | -13.4 | 0.0 |
| 14:26:00 | 17 32.5 | -53 52.2 | 107.6 | 83.7 | 136.4 | 4728 | 53.8 | 2.2 | -0.3 | 570.6 | 74.3 | 11.5 | 1.7 | -8.4 | -9.4 | 0.0 |
| 14:26:01 | 17 32.2 | -53 51.9 | 107.9 | 82.4 | 135.8 | 4866 | 0.9 | 2.5 | -12.9 | 73.1 | 80.4 | -0.0 | -9.4 | 47.0 | 47.0 | 30.3 |
| 14:26:00 | 17 32.2 | -53 52.0 | 323.5 | 331.8 | 4588 | 4875 | 23.7 | -12.7 | -4.1 | 74.2 | 78.2 | -0.6 | 211.6 | 68.9 | 4.3 | 140.4 |
| 14:26:30 | 17 32.9 | -53 50.3 | 107.9 | 83.8 | 136.6 | 4879 | 53.6 | 2.4 | -0.1 | 566.8 | 73.9 | 11.6 | 2.1 | -8.6 | -9.7 | 0.1 |
| 14:26:30 | 17 33.9 | -53 50.4 | 107.8 | 84.1 | 136.7 | 4712* | 53.8 | 2.4 | -0.2 | 570.7 | 73.9 | 11.1 | 1.4 | -4.6 | -5.2 | 0.0 |
| 14:26:31 | 17 33.5 | -53 50.1 | 108.1 | 82.8 | 136.2 | 4866 | 0.6 | 3.2 | -12.5 | 72.8 | 80.1 | -0.0 | -9.3 | 47.0 | 47.0 | 41.6 |
| 14:26:30 | 17 33.2 | -53 50.5 | 323.1 | 334.1 | 4587 | 4874 | 23.5 | -13.0 | -4.2 | 73.9 | 77.8 | -0.6 | 211.2 | 74.2 | 3.7 | 140.1 |
| 14:27:00 | 17 34.2 | -53 48.5 | 108.2 | 84.0 | 137.0 | 4878 | 53.7 | 2.3 | -0.4 | 566.8 | 73.8 | 11.6 | 2.2 | -8.7 | -9.8 | 0.1 |
| 14:27:00 | 17 35.3 | -53 48.5 | 108.0 | 84.3 | 137.1 | 4723 | 53.9 | 2.3 | -0.6 | 570.7 | 73.8 | 11.2 | 1.5 | -6.5 | -7.3 | 0.0 |
| 14:27:01 | 17 34.9 | -53 48.3 | 108.3 | 83.0 | 136.5 | 4867 | 0.6 | 3.0 | -12.5 | 72.7 | 79.9 | -0.0 | -9.3 | 47.0 | 47.0 | 41.0 |
| 14:27:00 | 17 34.5* | -53 48.8* | 323.2 | 334.1 | 4587 | 4874 | 23.6 | -12.0 | -3.8 | 73.7 | 77.6 | -0.6 | 211.0 | 85.6 | 3.6 | 140.0 |
| 14:27:30 | 17 35.6 | -53 46.6 | 108.8 | 83.9 | 137.4 | 4878 | 53.6 | 2.2 | -0.2 | 566.8 | 74.0 | 11.4 | 2.0 | -9.8 | -11.0 | 0.0 |
| 14:27:30 | 17 36.6 | -53 46.7 | 108.6 | 84.3 | 137.5 | 4738* | 53.8 | 2.3 | -0.3 | 570.7 | 74.0 | 11.0 | 1.3 | -6.2 | -7.0 | 0.0 |
| 14:27:31 | 17 36.2 | -53 46.4 | 108.9 | 82.9 | 136.9 | 4867 | 0.5 | 2.5 | -12.8 | 73.0 | 80.1 | -0.0 | -9.4 | 47.0 | 47.0 | 37.7 |
| 14:27:30 | 17 36.2 | -53 46.5 | 323.0 | 332.9 | 4587 | 4874 | 23.6 | -11.9 | -3.8 | 74.0 | 77.9 | -0.6 | 211.3 | 76.0 | 3.0 | 140.1 |
| 14:28:00 | 17 37.0 | -53 44.8 | 109.1 | 84.1 | 137.7 | 4878 | 53.6 | 2.3 | -0.2 | 566.8 | 73.9 | 11.7 | 2.3 | -10.5 | -11.8 | 0.0 |
| 14:28:00 | 17 38.0 | -53 44.9 | 108.9 | 84.4 | 137.8 | 4716 | 53.8 | 2.3 | -0.4 | 570.7 | 73.9 | 11.3 | 1.6 | -7.6 | -8.6 | 0.0 |
| 14:28:01 | 17 37.6 | -53 44.6 | 109.2 | 83.1 | 137.2 | 4867 | 0.9 | 2.5 | -12.8 | 72.9 | 80.0 | -0.0 | -9.3 | 47.0 | 47.0 | 34.6 |
| 14:28:00 | 17 37.2 | -53 45.1 | 323.3 | 332.7 | 4587 | 4873 | 23.8 | -11.3 | -3.6 | 73.8 | 77.8 | -0.6 | 211.1 | 80.7 | 2.6 | 140.1 |
| 14:28:30 | 17 38.3 | -53 42.9 | 109.7 | 84.0 | 138.1 | 4878 | 53.5 | 2.4 | -0.1 | 566.8 | 74.3 | 11.6 | 2.1 | -11.6 | -13.0 | 0.1 |
| 14:28:30 | 17 39.4 | -53 43.0 | 109.5 | 84.3 | 138.2 | 4708 | 53.7 | 2.4 | -0.2 | 570.7 | 74.4 | 11.2 | 1.4 | -6.7 | -7.6 | 0.0 |
| 14:28:31 | 17 38.9 | -53 42.7 | 109.9 | 83.0 | 137.7 | 4868 | 0.5 | 2.7 | -12.8 | 73.2 | 80.4 | -0.0 | -9.4 | 47.0 | 47.0 | 32.0 |
| 14:28:30 | 17 38.9 | -53 42.8 | 323.0 | 331.6 | 4587 | 4874 | 23.5 | -12.2 | -3.9 | 74.3 | 78.3 | -0.6 | 211.7 | 61.2 | 2.3 | 140.4 |
| 14:29:00 | 17 39.7 | -53 41.1 | 110.2 | 84.2 | 138.6 | 4878 | 53.7 | 2.4 | -0.4 | 566.8 | 73.8 | 11.7 | 2.3 | -8.8 | -9.9 | 0.1 |
| 14:29:00 | 17 40.7 | -53 41.1 | 110.0 | 84.5 | 138.7 | 4773* | 53.9 | 2.3 | -0.5 | 570.7 | 73.8 | 11.3 | 1.6 | -5.2 | -5.9 | 0.0 |
| 14:29:01 | 17 40.2 | -53 40.9 | 110.4 | 83.2 | 138.2 | 4866 | 0.7 | 2.6 | -12.8 | 72.7 | 79.9 | -0.0 | -9.3 | 47.0 | 47.0 | 40.3 |
| 14:29:00 | 17 40.2 | -53 40.9 | 323.3 | 334.1 | 4586 | 4873 | 23.5 | -12.4 | -4.0 | 73.8 | 77.7 | -0.6 | 211.0 | 83.3 | 1.6 | 140.0 |
| 14:29:30 | 17 41.1 | -53 39.2 | 110.4 | 84.5 | 139.0 | 4876 | 53.6 | 2.3 | -0.2 | 566.8 | 73.8 | 11.8 | 2.4 | -9.1 | -10.2 | 0.1 |
| 14:29:30 | 17 42.1 | -53 39.3 | 110.2 | 84.9 | 139.1 | 4746* | 53.8 | 2.3 | -0.3 | 570.7 | 73.9 | 11.4 | 1.7 | -5.9 | -6.6 | 0.0 |
| 14:29:31 | 17 41.6 | -53 39.0 | 110.6 | 83.6 | 138.6 | 4867 | 0.9 | 3.1 | -12.5 | 72.8 | 80.0 | -0.0 | -9.3 | 47.0 | 47.0 | 39.1 |
| 14:29:30 | 17 41.1 | -53 39.6 | 323.4 | 334.0 | 4587 | 4873 | 23.3 | -12.1 | -3.9 | 73.8 | 77.7 | -0.6 | 211.0 | 83.9 | 1.2 | 140.1 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 14:30:00 | 17 42.4 | -53 37.3 | 111.3 | 84.1 | 139.5 | 4877 | 53.6 | 2.3 | -0.3 | 566.8 | 74.7 | 12.4 | 2.9 | -14.9 | -16.7 | 0.0 |
| 14:30:00 | 17 43.5 | -53 37.4 | 111.1 | 84.5 | 139.6 | 4770* | 53.9 | 2.2 | -0.5 | 570.7 | 74.7 | 12.0 | 2.2 | -11.1 | -12.5 | 0.0 |
| 14:30:01 | 17 43.0 | -53 37.1 | 111.5 | 83.2 | 139.1 | 4868 | 1.3 | 1.9 | -13.2 | 73.6 | 80.9 | -0.0 | -9.4 | 47.0 | 47.0 | 22.3 |
| 14:30:00 | 17 42.9 | -53 37.1 | 324.0 | 330.4 | 4587 | 4874 | 21.8 | -12.5 | -4.0 | 74.7 | 78.7 | -0.6 | 212.3 | 45.9 | 1.5 | 141.0 |
| 14:30:30 | 17 43.8 | -53 35.4 | 111.3 | 83.8 | 139.4 | 4877 | 53.6 | 2.3 | -0.3 | 566.8 | 75.6 | 12.5 | 2.8 | -18.9 | -21.1 | 0.0 |
| 14:30:30 | 17 44.9 | -53 35.5 | 111.2 | 84.2 | 139.5 | 4757 | 53.8 | 2.3 | -0.3 | 570.7 | 75.6 | 12.1

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 14:35:00 | 17 56.1 | -53 18.3 | 111.2 | 83.0 | 138.8 | 4873 | 53.8 | 2.2 | -0.4 | 566.9 | 76.8 | 12.4 | 2.6 | -11.5 | -12.9 | 0.0 |
| 14:35:00 | 17 57.2 | -53 18.4 | 111.1 | 83.5 | 139.0 | 4713* | 54.0 | 2.1 | -0.6 | 570.9 | 76.8 | 12.0 | 1.9 | -7.6 | -8.5 | 0.0 |
| 14:35:01 | 17 56.5 | -53 18.1 | 111.5 | 82.2 | 138.5 | 4861 | 1.0 | -0.0 | -14.4 | 75.7 | 83.0 | -0.0 | -9.7 | 47.0 | 47.0 | 31.1 |
| 14:35:00 | 17 56.2 | -53 18.5 | 323.6 | 332.3 | 4585 | 4868 | 23.2 | -12.3 | -3.9 | 76.8 | 80.9 | -0.6 | 215.2 | 47.7 | 4.0 | 142.8 |
| 14:35:30 | 17 57.4 | -53 16.5 | 110.5 | 82.2 | 137.8 | 4873 | 53.6 | 2.3 | -0.2 | 567.0 | 74.7 | 12.7 | 3.1 | -13.5 | -15.2 | 0.0 |
| 14:35:30 | 17 58.6 | -53 16.6 | 110.4 | 82.7 | 138.0 | 4763 | 53.8 | 2.4 | -0.4 | 570.9 | 74.7 | 12.3 | 2.4 | -9.5 | -10.7 | 0.0 |
| 14:35:31 | 17 57.8 | -53 16.2 | 110.8 | 81.5 | 137.5 | 4855 | 1.4 | 1.7 | -13.3 | 73.6 | 80.8 | -0.0 | -9.4 | 47.0 | 47.0 | 24.9 |
| 14:35:30 | 17 57.4 | -53 16.7 | 324.2 | 331.5 | 4584 | 4866 | 23.1 | -12.0 | -3.8 | 74.7 | 78.6 | -0.6 | 212.3 | 34.5 | 3.4 | 141.0 |
| 14:36:00 | 17 58.8 | -53 14.6 | 110.2 | 81.0 | 136.8 | 4875 | 53.6 | 2.2 | -0.2 | 566.8 | 73.5 | 13.0 | 3.6 | -17.4 | -19.4 | 0.0 |
| 14:36:00 | 17 59.9 | -53 14.7 | 110.1 | 81.5 | 137.0 | 4714 | 53.8 | 2.1 | -0.3 | 570.7 | 73.5 | 12.6 | 2.9 | -14.2 | -15.9 | 0.0 |
| 14:36:01 | 17 59.1 | -53 14.3 | 110.4 | 80.3 | 136.5 | 4860 | 2.0 | 2.5 | -12.8 | 72.6 | 79.7 | -0.0 | -9.3 | 47.0 | 47.0 | 16.8 |
| 14:36:00 | 17 59.1 | -53 14.4 | 324.8 | 330.0 | 4587 | 4869 | 23.0 | -11.2 | -3.4 | 73.5 | 77.4 | -0.6 | 210.6 | 24.5 | 3.7 | 140.0 |
| 14:36:30 | 18 0.1 | -53 12.7 | 110.0 | 80.8 | 136.5 | 4872 | 53.7 | 2.5 | -0.2 | 567.0 | 72.8 | 12.5 | 3.2 | -15.4 | -17.2 | 0.0 |
| 14:36:30 | 18 1.2 | -53 12.8 | 109.9 | 81.3 | 136.7 | 4703 | 53.9 | 2.5 | -0.3 | 570.8 | 72.9 | 12.1 | 2.5 | -11.2 | -12.6 | 0.0 |
| 14:36:31 | 18 0.4 | -53 12.5 | 110.2 | 80.2 | 136.3 | 4857 | 1.5 | 3.8 | -12.1 | 71.8 | 78.9 | -0.0 | -9.2 | 47.0 | 47.0 | 20.9 |
| 14:36:30 | 18 0.4 | -53 12.5 | 324.3 | 330.5 | 4585 | 4866 | 22.3 | -12.1 | -3.9 | 72.8 | 76.7 | -0.6 | 209.6 | 19.3 | 3.4 | 139.3 |
| 14:37:00 | 18 1.4 | -53 10.9 | 110.1 | 80.3 | 136.3 | 4874 | 53.7 | 2.4 | -0.4 | 567.0 | 72.3 | 12.5 | 3.3 | -15.2 | -17.1 | 0.0 |
| 14:37:00 | 18 2.5 | -53 11.0 | 110.0 | 80.9 | 136.5 | 4791* | 53.9 | 2.3 | -0.5 | 570.8 | 72.3 | 12.1 | 2.6 | -10.8 | -12.1 | 0.0 |
| 14:37:01 | 18 1.7 | -53 10.6 | 110.3 | 79.7 | 136.1 | 4866 | 1.6 | 4.2 | -11.9 | 71.3 | 78.4 | -0.0 | -9.2 | 47.0 | 47.0 | 21.0 |
| 14:37:00 | 18 1.6 | -53 10.7 | 324.4 | 330.7 | 4586 | 4868 | 21.9 | -11.8 | -3.8 | 72.3 | 76.1 | -0.6 | 208.9 | 13.5 | 3.4 | 138.9 |
| 14:37:30 | 18 2.7 | -53 9.0 | 109.7 | 80.0 | 135.8 | 4874 | 53.8 | 2.4 | -0.5 | 567.0 | 73.2 | 12.1 | 2.7 | -14.5 | -16.2 | 0.0 |
| 14:37:30 | 18 3.8 | -53 9.1 | 109.6 | 80.6 | 136.1 | 4760 | 54.0 | 2.4 | -0.6 | 570.7 | 73.3 | 11.7 | 2.1 | -9.8 | -11.1 | 0.0 |
| 14:37:31 | 18 3.0 | -53 8.7 | 109.9 | 79.4 | 135.6 | 4865 | 0.9 | 3.1 | -12.4 | 72.2 | 79.3 | -0.0 | -9.3 | 47.0 | 47.0 | 23.4 |
| 14:37:30 | 18 2.8 | -53 9.0* | 323.8 | 330.5 | 4586 | 4867 | 19.7 | -11.6 | -3.7 | 73.2 | 77.1 | -0.6 | 210.2 | 27.2 | 4.2 | 139.6 |
| 14:38:00 | 18 4.0 | -53 7.1 | 108.9 | 80.5 | 135.4 | 4873 | 53.8 | 2.5 | -0.4 | 567.1 | 71.5 | 11.7 | 2.6 | -12.3 | -13.7 | 0.0 |
| 14:38:00 | 18 5.2 | -53 7.2 | 108.8 | 81.0 | 135.7 | 4759 | 54.0 | 2.5 | -0.6 | 570.8 | 71.5 | 11.3 | 1.9 | -8.0 | -9.0 | 0.0 |
| 14:38:01 | 18 4.3 | -53 6.9 | 109.1 | 79.9 | 135.2 | 4866 | 0.9 | 5.0 | -11.4 | 70.5 | 77.5 | -0.0 | -9.1 | 47.0 | 47.0 | 29.0 |
| 14:38:00 | 18 4.3 | -53 6.9 | 323.6 | 331.7 | 4585 | 4866 | 23.1 | -11.6 | -3.7 | 71.5 | 75.2 | -0.6 | 207.7 | 28.6 | 2.7 | 137.9 |
| 14:38:30 | 18 5.3 | -53 5.3 | 108.3 | 80.4 | 134.9 | 4873 | 53.6 | 2.7 | -0.4 | 567.1 | 71.1 | 11.6 | 2.5 | -11.6 | -13.0 | 0.0 |
| 14:38:30 | 18 6.5 | -53 5.4 | 108.3 | 81.0 | 135.2 | 4734* | 53.9 | 2.7 | -0.5 | 570.8 | 71.1 | 11.2 | 1.8 | -7.7 | -8.7 | 0.0 |
| 14:38:31 | 18 5.6 | -53 5.0 | 108.6 | 79.9 | 134.8 | 4867 | 0.8 | 5.4 | -11.1 | 70.2 | 77.2 | -0.0 | -9.0 | 47.0 | 47.0 | 31.1 |
| 14:38:30 | 18 5.5 | -53 5.2* | 323.5 | 332.1 | 4585 | 4866 | 23.0 | -12.1 | -3.9 | 71.1 | 74.9 | -0.6 | 207.2 | 27.0 | 2.9 | 137.6 |
| 14:39:00 | 18 6.6 | -53 3.5 | 108.4 | 80.4 | 135.0 | 4874 | 53.5 | 2.5 | -0.1 | 567.0 | 71.4 | 11.9 | 2.7 | -12.8 | -14.3 | 0.0 |
| 14:39:00 | 18 7.8 | -53 3.6 | 108.4 | 80.9 | 135.3 | 4717 | 53.7 | 2.5 | -0.3 | 570.7 | 71.4 | 11.5 | 2.0 | -8.8 | -9.9 | 0.0 |
| 14:39:01 | 18 6.9 | -53 3.2 | 108.7 | 79.9 | 134.9 | 4869 | 1.1 | 4.6 | -11.5 | 70.4 | 77.4 | -0.0 | -9.0 | 47.0 | 47.0 | 27.5 |
| 14:39:00 | 18 6.5 | -53 3.7 | 323.8 | 331.6 | 4586 | 4867 | 23.0 | -11.7 | -3.7 | 71.4 | 75.1 | -0.6 | 207.6 | 23.3 | 3.3 | 137.8 |
| 14:39:30 | 18 7.9 | -53 1.6 | 109.4 | 80.7 | 136.0 | 4875 | 53.5 | 2.3 | -0.0 | 566.9 | 73.3 | 12.2 | 2.8 | -12.7 | -14.2 | 0.0 |
| 14:39:30 | 18 9.1 | -53 1.7 | 109.4 | 81.3 | 136.3 | 4810* | 53.7 | 2.3 | -0.1 | 570.7 | 73.4 | 11.8 | 2.1 | -8.6 | -9.7 | 0.0 |
| 14:39:31 | 18 8.2 | -53 1.3 | 109.7 | 80.2 | 135.9 | 4873 | 1.1 | 2.6 | -12.7 | 72.3 | 79.4 | -0.0 | -9.3 | 47.0 | 47.0 | 27.5 |
| 14:39:30 | 18 8.0 | -53 1.6 | 323.9 | 331.7 | 4587 | 4868 | 23.1 | -11.6 | -3.7 | 73.3 | 77.2 | -0.6 | 210.3 | 25.6 | 4.1 | 139.7 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 14:40:00 | 18 9.2 | -52 59.7 | 110.6 | 81.3 | 137.3 | 4873 | 53.6 | 2.2 | -0.3 | 566.9 | 74.0 | 12.0 | 2.6 | -11.1 | -12.5 | 0.0 |
| 14:40:00 | 18 10.4 | -52 59.8 | 110.6 | 81.9 | 137.6 | 4737 | 53.8 | 2.2 | -0.5 | 570.8 | 74.1 | 11.7 | 1.9 | -8.2 | -9.2 | 0.0 |
| 14:40:01 | 18 9.5 | -52 59.4 | 110.9 | 80.8 | 137.2 | 4870 | 1.0 | 1.9 | -13.1 | 73.1 | 80.2 | -0.0 | -9.4 | 47.0 | 47.0 | 32.2 |
| 14:40:00 | 18 9.5 | -52 59.5 | 323.6 | 332.5 | 4586 | 4866 | 23.4 | -11.4 | -3.6 | 74.0 | 78.0 | -0.6 | 211.3 | 21.2 | 3.5 | 140.3 |
| 14:40:30 | 18 10.6 | -52 57.8 | 111.6 | 82.2 | 138.6 | 4872 | 53.5 | 2.3 | -0.2 | 567.0 | 74.7 | 12.0 | 2.4 | -10.3 | -11.6 | 0.0 |
| 14:40:30 | 18 11.8 | -52 58.0 | 111.6 | 82.8 | 139.0 | 4759* | 53.8 | 2.3 | -0.3 | 570.8 | 74.7 | 11.5 | 1.7 | -6.2 | -7.0 | 0.0 |
| 14:40:31 | 18 10.8 | -52 57.6 | 111.8 | 81.8 | 138.6 | 4868 | 0.9 | 1.8 | -13.3 | 73.6 | 80.9 | -0.0 | -9.4 | 47.0 | 47.0 | 34.9 |
| 14:40:30 | 18 10.8 | -52 57.6 | 323.4 | 333.0 | 4585 | 4865 | 17.9 | -13.0 | -4.2 | 74.7 | 78.7 | -0.6 | 212.3 | 8.8 | 3.1 | 140.8 |
| 14:41:00 | 18 11.9 | -52 55.9 | 112.2 | 82.4 | 139.2 | 4873 | 53.6 | 2.2 | -0.2 | 566.8 | 75.9 | 12.2 | 2.5 | -10.7 | -12.0 | 0.1 |
| 14:41:00 | 18 13.1 | -52 56.1 | 112.2 | 83.0 | 139.6 | 4707* | 53.8 | 2.2 | -0.3 | 570.8 | 75.9 | 11.8 | 1.8 | -7.2 | -8.1 | 0.0 |
| 14:41:01 | 18 12.1 | -52 55.7 | 112.5 | 82.0 | 139.2 | 4868 | 0.9 | 0.7 | -13.9 | 74.8 | 82.1 | -0.0 | -9.6 | 47.0 | 47.0 | 33.5 |
| 14:41:00 | 18 12.1 | -52 55.7 | 323.6 | 332.8 | 4586 | 4866 | 23.3 | -12.3 | -3.9 | 75.8 | 79.9 | -0.6 | 213.9 | 15.5 | 3.4 | 141.9 |
| 14:41:30 | 18 13.2 | -52 54.0 | 112.9 | 82.5 | 139.8 | 4874 | 53.6 | 2.1 | -0.2 | 566.8 | 76.4 | 12.3 | 2.6 | -10.8 | -12.2 | 0.0 |
| 14:41:30 | 18 14.5 | -52 54.1 | 112.9 | 83.1 | 140.2 | 4740 | 53.8 | 2.1 | -0.3 | 570.8 | 76.4 | 11.9 | 1.9 | -7.0 | -7.9 | 0.0 |
| 14:41:31 | 18 13.5 | -52 53.7 | 113.1 | 82.1 | 139.8 | 4864 | 0.7 | -0.7 | -14.6 | 75.3 | 82.5 | -0.0 | -9.6 | 47.0 | 47.0 | 33.0 |
| 14:41:30 | 18 13.5 | -52 53.8 | 323.6 | 332.8 | 4586 | 4865 | 23.5 | -12.0 | -3.8 | 76.3 | 80.4 | -0.6 | 214.5 | 10.9 | 3.4 | 142.4 |
| 14:42:00 | 18 14.6 | -52 52.1 | 113.3 | 82.7 | 140.3 | 4872 | 53.6 | 2.2 | -0.2 | 566.8 | 76.4 | 12.0 | 2.3 | -8.9 | -10.0 | 0.0 |
| 14:42:00 | 18 15.8 | -52 52.2 | 113.3 | 83.4 | 140.7 | 4723 | 53.8 | 2.1 | -0.3 | 570.8 | 76.4 | 11.6 | 1.6 | -5.2 | -5.9 | 0.0 |
| 14:42:01 | 18 14.8 | -52 51.8 | 113.6 | 82.4 | 140.4 | 4863 | 0.5 | 0.2 | -14.3 | 75.3 | 82.6 | -0.0 | -9.6 | 47.0 | 47.0 | 40.3 |
| 14:42:00 | 18 14.4 | -52 52.3 | 323.2 | 334.0 | 4585 | 4865 | 23.7 | -12.4 | -4.0 | 76.4 | 80.5 | -0.6 | 214.6 | 1.5 | 3.2 | 142.3 |
| 14:42:30 | 18 15.9 | -52 50.2 | 114.1 | 83.0 | 141.1 | 4872 | 53.6 | 2.1 | -0.2 | 566.8 | 76.6 | 11.9 | 2.1 | -10.4 | -11.7 | 0.0 |
| 14:42:30 | 18 17.2 | -52 50.3 | 114.1 | 83.6 | 141.5 | 4717 | 53.8 | 2.1 | -0.3 | 570.8 | 76.6 | 11.5 | 1.4 | -6.4 | -7.3 | 0.0 |
| 14:42:31 | 18 16.2 | -52 49.9 | 114.4 | 82.7 | 141.1 | 4861 | 0.4 | -0.0 | -14.4 | 75.4 | 82.7 | -0.0 | -9.7 | 47.0 | 47.0 | 35.4 |
| 14:42:30 | 18 15.8* | -52 50.4* | 323.1 | 332.5 | 4586 | 4865 | 23.8 | -12.5 | -4.0 | 76.5 | 80.6 | -0.6 | 214.8 | 348.5 | 3.2 | 142.5 |
| 14:43:00 | 18 17.3 | -52 48.2 | 114.6 | 82.9 | 141.5 | 4874 | 53.6 | 2.1 | -0.1 | 566.8 | 77.1 | 11.9 | 2.1 | -10.6 | -11.9 | 0.0 |
| 14:43:00 | 18 18.5 | -52 48.3 | 114.7 | 83.6 | 141.9 | 4744 | 53.8 | 2.0 | -0.3 | 570.7 | 77.1 | 11.5 | 1.4 | -6.8 | -7.7 | 0.0 |
| 14:43:01 | 18 17.5 | -52 47.9 | 114.9 | 82.7 | 141.6 | 4864 | 0.4 | -1.0 | -14.9 | 76.0 | 83.2 | -0.0 | -9.7 | 47.0 | 47.0 | 34.8 |
| 14:43:00 | 18 17.3 | -52 48.2* | 323.1 | 332.3 | 4586 | 4865 | 23.8 | -11.6 | -3.7 | 77.0 | 81.2 | -0.6 | 215.5 | 348.2 | 3.2 | 142.9 |
| 14:43:30 | 18 18.6 | -52 46.3 | 114.7 | 83.6 | 141.9 | 4872 | 53.7 | 2.1 | -0.3 | 566.8 | 76.6 | 12.1 | 2.4 | -9.1 | -10.2 | 0.0 |
| 14:43:30 | 18 19.9 | -52 46.4 | 114.7 | 84.3 | 142.3 | 4745 | 53.9 | 2.1 | -0.4 | 570.8 | 76.6 | 11.7 | 1.7 | -5.4 | -6.1 | 0.0 |
| 14:43:31 | 18 18.9 | -52 46.0 | 114.9 | 83.4 | 142.0 | 4859 | 0.6 | -1.0 | -14.8 | 75.5 | 82.8 | -0.0 | -9.7 | 47.0 | 47.0 | 39.3 |
| 14:43:30 | 18 18.8 | -52 46.0 | 323.4 | 334.0 | 4586 | 4864 | 23.9 | -12.1 | -3.9 | 76.6 | 80.7 | -0.6 | 214.9 | 337.9 | 2.4 | 142.6 |
| 14:44:00 | 18 20.0 | -52 44.3 | 115.0 | 83.3 | 142.0 | 4873 | 53.6 | 1.9 | -0.3 | 566.5 | 78.4 | 12.5 | 2.6 | -9.3 | -10.4 | 0.0 |
| 14:44:00 | 18 21.3 | -52 44.4 | 115.1 | 83.9 | 142.4 | 4726* | 53.8 | 1.9 | -0.4 | 570.7 | 78.4 | 12.1 | 1.8 | -6.0 | -6.8 | 0.0 |
| 14:44:01 | 18 20.2 | -52 44.0 | 115.3 | 83.1 | 142.1 | 4863 | 0.8 | -2.5 | -15.8 | 77.2 | 84.5 | -0.0 | -9.9 | 47.0 | 47.0 | 38.0 |
| 14:44:00 | 18 20.2 | -52 44.0 | 323.6 | 334.0 | 4587 | 4866 | 23.5 | -12.1 | -3.9 | 78.3 | 82.6 | -0.6 | 217.3 | 359.2 | 3.7 | 144.2 |
| 14:44:30 | 18 21.3 | -52 42.4 | 115.6 | 82.8 | 142.2 | 4872 | 53.5 | 1.9 | -0.3 | 566.6 | 79.4 | 12.7 | 2.6 | -9.4 | -10.5 | 0.0 |
| 14:44:30 | 18 22.6 | -52 42.5 | 115.7 | 83.5 | 142.6 | 4712 | 53.8 | 2.0 | -0.4 | 570.8 | 79.4 | 12.3 | 1.9 | -5.9 | -6.7 | 0.0 |
| 14:44:31 | 18 21.6 | -52 42.0 | 115.9 | 82.7 | 142.4 | 4863 | 1.0 | -2.5 | -16.0 | 78.1 | 85.5 | -0.0 | -10.0 | 47.0 | 47.0 | 37.5 |
| 14:44:30 | 18 21.5 | -52 42.1 | 323.7 | 334.0 | 4586 | 4864 | 23.7 | -12.5 | -4.0 | 79.3 | 83.6 | -0.6 | 218.6 | 359.7 | 4.8 | 145.0 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 14:45:00 | 18 22.7 | -52 40.4 | 115.6 | 82.2 | 141.8 | 4873 | 53.6 | 2.0 | -0.4 | 566.8 | 78.7 | 12.8 | 2.8 | -10.3 | -11.6 | 0.0 |
| 14:45:00 | 18 24.0 | -52 40.5 | 115.6 | 82.9 | 142.3 | 4778 | 53.8 | 2.0 | -0.5 | 570.8 | 78.7 | 12.4 | 2.1 | -6.1 | -6.9 | 0.0 |
| 14:45:01 | 18 22.9 | -52 40.1 | 115.8 | 82.1 | 142.0 | 4860 | 0.9 | -1.9 | -15.6 | 77.5 | 84.8 | -0.0 | -9.9 | 47.0 | 47.0 | 34.1 |
| 14:45:00 | 18 22.9 | -52 40.1 | 323.8 | 333.4 | 4585 | 4862 | 23.8 | -11.6 | -3.7 | 78.7 | 82.9 | -0.6 | 217.7 | 357.6 | 4.8 | 144.5 |
| 14:45:30 | 18 24.0 | -52 38.4 | 115.0 | 81.6 | 141.0 | 4872 | 53.6 | 2.0 | -0.3 | 566.8 | 78.0 | 12.6 | 2.7 | -9.2 | -10.4 | 0.0 |
| 14:45:30 | 18 25.3 | -52 38.5 | 115.1 | 82.3 | 141.5 | 4718* | 53.8 | 2.1 | -0.4 | 570.8 | 78.0 | 12.2 | 2.0 | -5.7 | -6.5 | 0.0 |
| 14:45:31 | 18 24.2 | -52 38.1 | 115.3 | 81.5 | 141.2 | 4861 | 1.0 | -1.3 | -15.2 | 76.8 | 84.1 | -0.0 | -9.8 | 47.0 | 47.0 | 37.7 |
| 14:45:30 | 18 23.8* | -52 38.7* | 323.8 | 334.2 | 4586 | 4863 | 23.9 | -12.1 | -3.9 | 78.0 | 82.2 | -0.6 | 216.8 | 357.4 | 5.2 | 143.9 |
| 14:46:00 | 18 25.3 | -52 36.5 | 114.7 | 80.9 | 140.3 | 4869 | 53.6 | 2.1 | -0.3 | 566.8 | 76.9 | 12.5 | 2.7 | -9.6 | -10.8 | 0.0 |
| 14:46:00 | 18 26.6 | -52 36.6 | 114.7 | 81.6 | 140.8 | 4710* | 53.8 | 2.0 | -0.4 | 570.8 | 76.9 | 12.1 | 2.0 | -6.1 | -6.9 | 0.0 |
| 14:46:01 | 18 25.5 | -52 36.1 | 114.9 | 80.9 | 140.5 | 4866 | 1.1 | -0.9 | -14.8 | 75.8 | 83.0 | -0.0 | -9.7 | 47.0 | 47.0 | 36.4 |
| 14:46:00 | 18 25.3 | -52 36.6 | 323.8 | 333.9 | 4585 | 4863 | 23.9 | -11.9 | -3.8 | 76.9 | 81.0 | -0.6 | 215.3 | 352.3 | 5.4 | 142.9 |
| 14:46:30 | 18 26.6 | -52 34.5 | 114.4 | 80.2 | 139.7 | 4870 | 53.6 | 2.1 | -0.3 | 566.8 | 76.6 | 12.4 | 2.7 | -9.3 | -10.4 | 0.0 |
| 14:46:30 | 18 28.0 | -52 34.6 | 114.5 | 80.9 | 140.2 | 4720 | 53.9 | 2.1 | -0.4 | 570.8 | 76.6 | 12.0 | 2.0 | -5.6 | -6.4 | 0.0 |
| 14:46:31 | 18 26.8 | -52 34.2 | 114.7 | 80.3 | 140.0 | 4870 | 1.0 | 0.0 | -14.4 | 75.5 | 82.8 | -0.0 | -9.7 | 47.0 | 47.0 | 37.7 |
| 14:46:30 | 18 26.8 | -52 34.2 | 323.7 | 334.1 | 4586 | 4862 | 23.3 | -12.4 | -4.0 | 76.6 | 80.7 | -0.6 | 214.9 | 353.7 | 5.8 | 142.7 |
| 14:47:00 | 18 27.9 | -52 32.6 | 114.4 | 80.2 | 139.8 | 4869 | 53.6 | 2.2 | -0.3 | 566.9 | 75.1 | 12.2 | 2.6 | -9.4 | -10.5 | 0.1 |
| 14:47:00 | 18 29.3 | -52 32.7 | 114.6 | 81.0 | 140.3 | 4712 | 53.8 | 2.1 | -0.4 | 570.8 | 75.1 | 11.8 | 1.9 | -6.1 | -6.9 | 0.0 |
| 14:47:01 | 18 28.1 | -52 32.2 | 114.7 | 80.3 | 140.1 | 4865 | 0.9 | 0.5 | -13.9 | 74.1 | 81.3 | -0.0 | -9.5 | 47.0 | 47.0 | 37.7 |
| 14:47:00 | 18 28.1 | -52 32.3 | 323.6 | 334.0 | 4585 | 4860 | 23.8 | -11.7 | -3.7 | 75.1 | 79.1 | -0.6 | 212.8 | 340.1 | 5.2 | 141.3 |
| 14:47:30 | 18 29.2 | -52 30.6 | 114.7 | 79.6 | 139.6 | 4869 | 53.6 | 2.2 | -0.1 | 566.9 | 75.9 | 12.1 | 2.4 | -10.6 | -11.9 | 0.0 |
| 14:47:30 | 18 30.6 | -52 30.7 | 114.8 | 80.3 | 140.1 | 4746* | 53.8 | 2.2 | -0.3 | 570.8 | 75.9 | 11.7 | 1.7 | -7.1 | -8.0 | 0.0 |
| 14:47:31 | 18 29.4 | -52 30.3 | 115.0 | 79.7 | 139.9 | 4863 | 0.8 | 0.5 | -14.0 | 74.8 | 82.0 | -0.0 | -9.6 | 47.0 | 47.0 | 34.1 |
| 14:47:30 | 18 29.4 | -52 30.3 | 323.4 | 332.7 | 4586 | 4861 | 23.8 | -12.2 | -3.9 | 75.9 | 79.9 | -0.6 | 213.9 | 345.6 | 6.2 | 141.9 |
| 14:48:00 | 18 30.5 | -52 28.7 | 114.4 | 78.9 | 138.9 | 4870 | 53.5 | 2.1 | 0.0 | 566.9 | 75.8 | 11.9 | 2.3 | -10.2 | -11.5 | 0.0 |
| 14:48:00 | 18 31.9 | -52 28.8 | 114.5 | 79.6 | 139.5 | 4718* | 53.8 | 2.1 | -0.1 | 570.8 | 75.8 | 11.5 | 1.6 | -6.8 | -7.7 | 0.0 |
| 14:48:01 | 18 30.7 | -52 28.3 | 114.7 | 79.1 | 139.3 | 4860 | 0.6 | 0.9 | -13.8 | 74.7 | 82.0 | -0.0 | -9.6 | 47.0 | 47.0 | 35.7 |
| 14:48:00 | 18 30.7 | -52 28.4 | 323.3 | 332.9 | 4586 | 4861 | 22.0 | -12.0 | -3.8 | 75.8 | 79.8 | -0.6 | 213.8 | 348.2 | 6.9 | 141.8 |
| 14:48:30 | 18 31.8 | -52 26.7 | 114.9 | 78.8 | 139.3 | 4868 | 53.6 | 2.2 | -0.0 | 566.9 | 75.9 | 12.0 | 2.3 | -10.6 | -11.9 | 0.0 |
| 14:48:30 | 18 33.2 | -52 26.8 | 115.0 | 79.5 | 139.8 | 4746* | 53.9 | 2.2 | -0.1 | 570.9 | 75.9 | 11.6 | 1.6 | -6.6 | -7.4 | 0.0 |
| 14:48:31 | 18 32.0 | -52 26.4 | 115.2 | 79.0 | 139.7 | 4860 | 0.6 | 1.2 | -13.7 | 74.7 | 82.0 | -0.0 | -9.6 | 47.0 | 47.0 | 34.4 |
| 14:48:30 | 18 32.0 | -52 26.4 | 323.3 | 332.6 | 4584 | 4859 | 23.6 | -13.0 | -4.2 | 75.8 | 79.9 | -0.6 | 213.9 | 344.9 | 7.2 | 141.9 |
| 14:49:00 | 18 33.1 | -52 24.8 | 114.9 | 78.2 | 139.0 | 4868 | 53.5 | 2.2 | -0.0 | 566.9 | 75.8 | 11.9 | 2.3 | -10.2 | -11.5 | 0.1 |
| 14:49:00 | 18 34.5 | -52 24.9 | 115.1 | 79.0 | 139.6 | 4761* | 53.7 | 2.1 | -0.2 | 570.8 | 75.8 | 11.6 | 1.6 | -7.0 | -7.9 | 0.0 |
| 14:49:01 | 18 33.3 | -52 24.4 | 115.2 | 78.4 | 139.4 | 4866 | 0.7 | -0.2 | -14.5 | 74.7 | 82.0 | -0.0 | -9.6 | 47.0 | 47.0 | 35.6 |
| 14:49:00 | 18 32.9 | -52 25.0 | 323.3 | 332.9 | 4586 | 4859 | 23.1 | -11.6 | -3.6 | 75.8 | 79.8 | -0.6 | 213.8 | 345.2 | 7.7 | 141.8 |
| 14:49:30 | 18 34.3 | -52 22.8 | 114.9 | 77.7 | 138.7 | 4868 | 53.7 | 2.2 | -0.3 | 566.9 | 75.4 | 12.1 | 2.4 | -10.6 | -11.9 | 0.0 |
| 14:49:30 | 18 35.8 | -52 22.9 | 115.1 | 78.4 | 139.3 | 4775* | 53.9 | 2.2 | -0.4 | 570.8 | 75.4 | 11.7 | 1.8 | -6.9 | -7.8 | 0.0 |
| 14:49:31 | 18 34.6 | -52 22.5 | 115.2 | 77.9 | 139.1 | 4863 | 0.8 | 1.8 | -13.4 | 74.2 | 81.5 | -0.0 | -9.5 | 47.0 | 47.0 | 34.1 |
| 14:49:30 | 18 34.6 | -52 22.5 | 323.5 | 332.8 | 4586 | 4860 | 23.6 | -12.7 | -4.1 | 75.4 | 79.3 | -0.6 | 213.2 | 344.5 | 7.9 | 141.5 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 14:50:00 | 18 35.6 | -52 20.9 | 114.7 | 77.7 | 138.5 | 4867 | 53.6 | 2.3 | -0.3 | 567.0 | 74.2 | 12.3 | 2.8 | -10.0 | -11.3 | 0.1 |
| 14:50:00 | 18 37.0 | -52 20.9 | 114.8 | 78.4 | 139.1 | 4727* | 53.9 | 2.2 | -0.4 | 570.8 | 74.2 | 11.9 | 2.1 | -6.4 | -7.2 | 0.0 |
| 14:50:01 | 18 35.8 | -52 20.5 | 115.0 | 78.0 | 138.9 | 4858 | 0.9 | 1.7 | -13.2 | 73.2 | 80.4 | -0.0 | -9.4 | 47.0 | 47.0 | 35.0 |
| 14:50:00 | 18 35.8 | -52 20.5 | 323.9 | 333.6 | 4585 | 4858 | 23.6 | -11.6 | -3.7 | 74.2 | 78.1 | -0.6 | 211.6 | 339.5 | 7.5 | 140.5 |
| 14:50:30 | 18 36.9 | -52 18.9 | 114.6 | 77.2 | 138.2 | 4867 | 53.5 | 2.2 | -0.0 | 567.0 | 74.7 | 12.3 | 2.7 | -10.1 | -11.4 | 0.1 |
| 14:50:30 | 18 38.3 | -52 19.0 | 114.8 | 77.9 | 138.8 | 4750* | 53.7 | 2.2 | -0.1 | 570.8 | 74.7 | 11.9

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 14:55:00 | 18 47.8 | -52 1.2 | 115.4 | 73.8 | 137.0 | 4864 | 53.6 | 2.2 | -0.3 | 567.0 | 74.7 | 12.3 | 2.7 | -10.3 | -11.5 | 0.0 |
| 14:55:00 | 18 49.4 | -52 1.3 | 115.7 | 74.7 | 137.7 | 4739* | 53.8 | 2.2 | -0.4 | 570.9 | 74.7 | 11.9 | 2.1 | -6.3 | -7.1 | 0.0 |
| 14:55:01 | 18 48.2 | -52 0.8 | 115.7 | 74.5 | 137.6 | 4853 | 0.9 | 1.1 | -13.6 | 73.6 | 80.8 | -0.0 | -9.4 | 47.0 | 47.0 | 34.3 |
| 14:55:00 | 18 48.0 | -52 1.1 | 323.8 | 333.4 | 4585 | 4853 | 23.4 | -12.4 | -4.0 | 74.7 | 78.6 | -0.6 | 212.2 | 344.5 | 11.6 | 140.9 |
| 14:55:30 | 18 49.0 | -51 59.2 | 115.4 | 73.5 | 136.8 | 4864 | 53.7 | 2.1 | -0.3 | 567.0 | 74.5 | 12.5 | 2.9 | -11.0 | -12.3 | 0.0 |
| 14:55:30 | 18 50.6 | -51 59.3 | 115.7 | 74.4 | 137.5 | 4772* | 53.9 | 2.2 | -0.4 | 570.8 | 74.5 | 12.1 | 2.2 | -7.4 | -8.3 | 0.0 |
| 14:55:31 | 18 49.4 | -51 58.8 | 115.7 | 74.2 | 137.5 | 4851 | 1.2 | 1.3 | -13.4 | 73.4 | 80.6 | -0.0 | -9.4 | 47.0 | 47.0 | 31.8 |
| 14:55:30 | 18 49.3 | -51 58.8 | 324.0 | 333.1 | 4585 | 4853 | 23.3 | -12.6 | -4.0 | 74.5 | 78.4 | -0.6 | 212.0 | 344.6 | 11.8 | 140.8 |
| 14:56:00 | 18 50.2 | -51 57.3 | 115.5 | 73.4 | 136.8 | 4863 | 53.6 | 2.2 | -0.2 | 567.0 | 74.8 | 12.1 | 2.6 | -9.8 | -11.0 | 0.0 |
| 14:56:00 | 18 51.8 | -51 57.3 | 115.7 | 74.2 | 137.5 | 4809 | 53.8 | 2.1 | -0.3 | 570.9 | 74.8 | 11.7 | 1.9 | -5.9 | -6.7 | 0.0 |
| 14:56:01 | 18 50.6 | -51 56.8 | 115.7 | 74.1 | 137.4 | 4852 | 0.9 | 0.4 | -13.9 | 73.7 | 80.9 | -0.0 | -9.4 | 47.0 | 47.0 | 36.4 |
| 14:56:00 | 18 50.6 | -51 56.9 | 323.6 | 333.6 | 4585 | 4852 | 22.0 | -11.8 | -3.7 | 74.8 | 78.7 | -0.6 | 212.4 | 345.2 | 12.1 | 141.0 |
| 14:56:30 | 18 51.4 | -51 55.3 | 115.8 | 72.7 | 136.8 | 4863 | 53.5 | 2.1 | -0.2 | 567.0 | 74.3 | 12.1 | 2.6 | -10.9 | -12.2 | 0.0 |
| 14:56:30 | 18 53.0 | -51 55.3 | 116.1 | 73.6 | 137.4 | 4784* | 53.7 | 2.1 | -0.2 | 570.8 | 74.3 | 11.7 | 1.9 | -6.8 | -7.6 | 0.0 |
| 14:56:31 | 18 51.8 | -51 54.9 | 116.2 | 73.5 | 137.4 | 4857 | 0.7 | 0.6 | -13.7 | 73.3 | 80.4 | -0.0 | -9.4 | 47.0 | 47.0 | 32.9 |
| 14:56:30 | 18 51.8 | -51 54.9 | 323.6 | 332.7 | 4586 | 4852 | 22.5 | -11.9 | -3.8 | 74.3 | 78.2 | -0.6 | 211.7 | 342.1 | 12.9 | 140.5 |
| 14:57:00 | 18 52.6 | -51 53.3 | 116.5 | 72.2 | 137.1 | 4860 | 53.5 | 2.2 | -0.2 | 567.0 | 74.3 | 11.7 | 2.2 | -10.0 | -11.2 | 0.0 |
| 14:57:00 | 18 54.2 | -51 53.3 | 116.8 | 73.1 | 137.8 | 4770* | 53.7 | 2.2 | -0.4 | 570.8 | 74.3 | 11.3 | 1.5 | -6.7 | -7.6 | 0.0 |
| 14:57:01 | 18 53.0 | -51 52.9 | 116.8 | 73.1 | 137.8 | 4853 | 0.5 | 1.2 | -13.4 | 73.3 | 80.4 | -0.0 | -9.4 | 47.0 | 47.0 | 36.6 |
| 14:57:00 | 18 52.5* | -51 53.7* | 323.2 | 333.0 | 4585 | 4853 | 22.3 | -11.6 | -3.7 | 74.3 | 78.2 | -0.6 | 211.7 | 339.9 | 13.4 | 140.4 |
| 14:57:30 | 18 53.8 | -51 51.3 | 116.6 | 72.2 | 137.2 | 4862 | 53.6 | 2.2 | -0.2 | 567.1 | 73.1 | 11.5 | 2.2 | -9.8 | -11.0 | 0.0 |
| 14:57:30 | 18 55.4 | -51 51.4 | 116.9 | 73.1 | 137.9 | 4727* | 53.8 | 2.2 | -0.3 | 570.9 | 73.1 | 11.1 | 1.5 | -6.4 | -7.2 | 0.0 |
| 14:57:31 | 18 54.2 | -51 50.9 | 116.9 | 73.0 | 137.9 | 4850 | 0.6 | 2.8 | -12.5 | 72.1 | 79.2 | -0.0 | -9.2 | 47.0 | 47.0 | 37.2 |
| 14:57:30 | 18 54.1 | -51 50.9 | 323.2 | 333.1 | 4585 | 4850 | 20.7 | -11.7 | -3.7 | 73.1 | 77.0 | -0.6 | 210.0 | 334.9 | 13.2 | 139.3 |
| 14:58:00 | 18 54.9 | -51 49.3 | 116.6 | 72.8 | 137.5 | 4859 | 53.8 | 2.4 | -0.4 | 567.2 | 73.7 | 12.4 | 3.0 | -12.0 | -13.5 | 0.0 |
| 14:58:00 | 18 56.6 | -51 49.4 | 116.9 | 73.7 | 138.2 | 4710* | 54.0 | 2.4 | -0.6 | 571.0 | 73.7 | 12.0 | 2.3 | -8.3 | -9.4 | 0.0 |
| 14:58:01 | 18 55.3 | -51 48.9 | 116.9 | 73.7 | 138.2 | 4850 | 1.1 | 2.5 | -12.8 | 72.6 | 79.9 | -0.0 | -9.3 | 47.0 | 47.0 | 28.8 |
| 14:58:00 | 18 55.2 | -51 49.2 | 324.1 | 332.4 | 4583 | 4848 | 20.5 | -12.6 | -4.1 | 73.7 | 77.6 | -0.6 | 210.8 | 337.1 | 12.5 | 140.0 |
| 14:58:30 | 18 56.1 | -51 47.3 | 116.5 | 72.8 | 137.4 | 4856 | 53.7 | 2.4 | -0.3 | 567.2 | 72.4 | 11.3 | 2.1 | -8.5 | -9.5 | 0.0 |
| 14:58:30 | 18 57.8 | -51 47.4 | 116.7 | 73.7 | 138.1 | 4806 | 54.0 | 2.4 | -0.4 | 571.0 | 72.4 | 10.9 | 1.4 | -4.7 | -5.3 | 0.0 |
| 14:58:31 | 18 56.5 | -51 46.9 | 116.7 | 73.8 | 138.1 | 4849 | 0.5 | 2.9 | -12.4 | 71.4 | 78.5 | -0.0 | -9.2 | 47.0 | 47.0 | 42.3 |
| 14:58:30 | 18 56.5 | -51 46.9 | 323.0 | 334.1 | 4583 | 4845 | 16.1 | -12.3 | -4.0 | 72.4 | 76.2 | -0.6 | 209.0 | 331.4 | 12.1 | 138.7 |
| 14:59:00 | 18 57.3 | -51 45.4 | 116.5 | 72.7 | 137.3 | 4856 | 53.4 | 2.6 | 0.0 | 567.2 | 71.9 | 11.1 | 1.9 | -7.7 | -8.7 | 0.0 |
| 14:59:00 | 18 59.0 | -51 45.4 | 116.8 | 73.6 | 138.0 | 4778* | 53.5 | 2.6 | -0.1 | 571.0 | 71.9 | 10.7 | 1.2 | -4.7 | -5.4 | 0.0 |
| 14:59:01 | 18 57.7 | -51 44.9 | 116.8 | 73.6 | 138.1 | 4850 | 0.4 | 2.4 | -13.0 | 71.1 | 78.0 | -0.0 | -9.1 | 47.0 | 47.0 | 45.8 |
| 14:59:00 | 18 57.7 | -51 44.9 | 322.8 | 334.6 | 4583 | 4845 | 4.3 | -10.6 | -3.1 | 72.0 | 75.5 | -0.6 | 208.4 | 328.9 | 12.8 | 138.2 |
| 14:59:30 | 18 58.5 | -51 43.4 | 117.6 | 71.4 | 137.6 | 4858 | 53.4 | 2.4 | 0.1 | 567.0 | 73.3 | 11.3 | 2.0 | -7.7 | -8.7 | 0.0 |
| 14:59:30 | 19 0.2 | -51 43.4 | 117.9 | 72.3 | 138.3 | 4728* | 53.6 | 2.4 | -0.0 | 570.8 | 73.3 | 10.9 | 1.3 | -4.3 | -4.9 | 0.0 |
| 14:59:31 | 18 58.9 | -51 42.9 | 117.9 | 72.4 | 138.4 | 4848 | 0.3 | 2.1 | -12.9 | 72.3 | 79.4 | -0.0 | -9.3 | 47.0 | 47.0 | 45.5 |
| 14:59:30 | 18 58.8 | -51 43.1 | 322.9 | 334.8 | 4585 | 4847 | 6.3 | -12.0 | -3.8 | 73.3 | 77.2 | -0.6 | 210.3 | 333.0 | 14.8 | 139.5 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 15:00:00 | 18 59.6 | -51 41.4 | 118.0 | 71.6 | 138.0 | 4858 | 53.7 | 2.2 | -0.5 | 567.0 | 73.1 | 10.9 | 1.6 | -4.4 | -5.0 | 0.0 |
| 15:00:00 | 19 1.3 | -51 41.3 | 118.3 | 72.5 | 138.7 | 4776 | 54.0 | 2.2 | -0.7 | 570.8 | 73.1 | 10.4 | 0.9 | -1.1 | -1.3 | 0.0 |
| 15:00:01 | 19 0.1 | -51 40.9 | 118.3 | 72.6 | 138.8 | 4853 | -0.2 | 2.3 | -12.8 | 72.1 | 79.2 | -0.0 | -9.2 | 47.0 | 47.0 | 62.5 |
| 15:00:00 | 18 59.9 | -51 41.2 | 322.4 | 337.9 | 4586 | 4847 | 12.0 | -12.1 | -3.9 | 73.1 | 77.0 | -0.6 | 210.0 | 330.8 | 14.0 | 139.2 |
| 15:00:30 | 19 0.8 | -51 39.3 | 118.5 | 71.5 | 138.4 | 4856 | 53.6 | 2.3 | -0.2 | 567.1 | 72.8 | 11.4 | 2.1 | -8.0 | -9.0 | 0.0 |
| 15:00:30 | 19 2.5 | -51 39.3 | 118.8 | 72.4 | 139.2 | 4806 | 53.8 | 2.3 | -0.3 | 570.9 | 72.8 | 11.0 | 1.4 | -5.0 | -5.6 | 0.0 |
| 15:00:31 | 19 1.3 | -51 38.9 | 118.8 | 72.5 | 139.2 | 4851 | 0.4 | 2.8 | -12.5 | 71.8 | 78.9 | -0.0 | -9.2 | 47.0 | 47.0 | 44.0 |
| 15:00:30 | 19 0.8 | -51 39.7 | 323.0 | 334.6 | 4585 | 4846 | 19.9 | -11.8 | -3.8 | 72.9 | 76.7 | -0.6 | 209.6 | 328.2 | 14.7 | 139.1 |
| 15:01:00 | 19 2.0 | -51 37.3 | 119.1 | 71.4 | 138.8 | 4857 | 54.1 | 2.4 | -0.4 | 567.0 | 72.5 | 11.1 | 1.8 | -4.0 | -4.5 | 0.0 |
| 15:01:00 | 19 3.7 | -51 37.3 | 119.4 | 72.3 | 139.5 | 4776 | 54.2 | 2.4 | -0.6 | 570.8 | 72.6 | 10.7 | 1.1 | -1.5 | -1.7 | 0.0 |
| 15:01:01 | 19 2.5 | -51 36.8 | 119.4 | 72.4 | 139.6 | 4849 | 0.0 | 3.0 | -12.4 | 71.5 | 78.7 | -0.0 | -9.2 | 47.0 | 47.0 | 63.7 |
| 15:01:00 | 19 2.4 | -51 36.9 | 322.7 | 338.8 | 4585 | 4845 | 20.0 | -13.0 | -4.2 | 72.6 | 76.4 | -0.6 | 209.2 | 326.0 | 14.2 | 138.8 |
| 15:01:30 | 19 3.1 | -51 35.3 | 119.5 | 71.4 | 139.2 | 4858 | 54.1 | 2.3 | -0.4 | 567.0 | 72.9 | 11.2 | 1.9 | -6.3 | -7.1 | 0.0 |
| 15:01:30 | 19 4.9 | -51 35.3 | 119.8 | 72.3 | 139.9 | 4740* | 54.2 | 2.3 | -0.4 | 570.8 | 72.9 | 10.8 | 1.2 | -2.7 | -3.0 | 0.0 |
| 15:01:31 | 19 3.6 | -51 34.8 | 119.8 | 72.4 | 140.0 | 4847 | 0.2 | 2.7 | -12.8 | 72.0 | 79.0 | -0.0 | -9.2 | 47.0 | 47.0 | 51.6 |
| 15:01:30 | 19 3.6 | -51 34.8 | 322.8 | 336.1 | 4586 | 4845 | 21.7 | -10.7 | -3.3 | 73.0 | 76.8 | -0.6 | 209.7 | 325.9 | 13.9 | 139.1 |
| 15:02:00 | 19 4.3 | -51 33.2 | 120.2 | 70.7 | 139.5 | 4854 | 53.8 | 2.3 | 0.3 | 567.0 | 74.3 | 11.4 | 2.0 | -2.2 | -2.4 | 0.0 |
| 15:02:00 | 19 6.0 | -51 33.2 | 120.5 | 71.6 | 140.2 | 4804 | 54.0 | 2.3 | 0.1 | 570.9 | 74.3 | 11.0 | 1.2 | 2.2 | 2.2 | 0.0 |
| 15:02:01 | 19 4.8 | -51 32.7 | 120.5 | 71.8 | 140.3 | 4846 | 0.5 | 1.0 | -16.0 | 73.4 | 80.3 | -0.0 | -9.4 | 47.0 | 47.0 | 73.5 |
| 15:02:00 | 19 4.7 | -51 32.9 | 322.8 | 341.5 | 4585 | 4843 | 17.1 | -10.9 | -2.6 | 74.4 | 78.3 | -0.5 | 211.7 | 329.9 | 15.7 | 140.5 |
| 15:02:30 | 19 5.4 | -51 31.2 | 119.0 | 71.8 | 139.0 | 4859 | 54.1 | 2.1 | -0.9 | 566.8 | 75.6 | 11.6 | 2.0 | -0.6 | -0.6 | 0.0 |
| 15:02:30 | 19 7.2 | -51 31.2 | 119.3 | 72.7 | 139.7 | 4811 | 54.4 | 2.1 | -1.0 | 570.7 | 75.7 | 11.2 | 1.2 | 2.5 | 2.5 | 0.0 |
| 15:02:31 | 19 6.0 | -51 30.7 | 119.3 | 72.8 | 139.8 | 4854 | 0.5 | -1.5 | -17.5 | 74.6 | 81.8 | -0.0 | -9.5 | 47.0 | 47.0 | 84.0 |
| 15:02:30 | 19 6.0 | -51 30.7 | 322.9 | 344.1 | 4587 | 4846 | 9.4 | -13.1 | -3.0 | 75.6 | 79.5 | -0.5 | 213.6 | 337.3 | 13.9 | 141.8 |
| 15:03:00 | 19 6.6 | -51 29.1 | 119.9 | 70.2 | 138.9 | 4857 | 54.0 | 2.0 | -0.6 | 566.8 | 77.3 | 12.1 | 2.3 | -4.6 | -5.2 | 0.0 |
| 15:03:00 | 19 8.4 | -51 29.1 | 120.2 | 71.1 | 139.7 | 4804 | 54.2 | 1.9 | -0.7 | 570.7 | 77.3 | 11.7 | 1.6 | -1.3 | -1.5 | 0.0 |
| 15:03:01 | 19 7.1 | -51 28.6 | 120.1 | 71.4 | 139.7 | 4851 | 0.8 | -1.9 | -15.3 | 76.0 | 83.4 | -0.0 | -9.7 | 47.0 | 47.0 | 58.5 |
| 15:03:00 | 19 7.1 | -51 28.7 | 323.3 | 338.6 | 4587 | 4844 | 22.0 | -14.4 | -4.8 | 77.3 | 81.2 | -0.6 | 215.8 | 341.3 | 16.6 | 143.2 |
| 15:03:30 | 19 7.7 | -51 27.1 | 119.5 | 71.8 | 139.3 | 4854 | 53.9 | 2.0 | 0.1 | 567.0 | 76.0 | 12.2 | 2.6 | -5.3 | -5.9 | 0.0 |
| 15:03:30 | 19 9.5 | -51 27.1 | 119.7 | 72.7 | 140.1 | 4734* | 54.0 | 2.1 | -0.0 | 570.9 | 76.1 | 11.8 | 1.9 | -2.2 | -2.5 | 0.0 |
| 15:03:31 | 19 8.3 | -51 26.6 | 119.7 | 72.9 | 140.2 | 4846 | 0.9 | -1.0 | -14.7 | 75.0 | 82.1 | -0.0 | -9.6 | 47.0 | 47.0 | 54.0 |
| 15:03:30 | 19 8.2 | -51 26.8 | 323.6 | 338.1 | 4584 | 4840 | 22.2 | -11.8 | -3.7 | 76.0 | 80.1 | -0.6 | 214.1 | 337.0 | 14.6 | 142.1 |
| 15:04:00 | 19 8.9 | -51 25.1 | 119.5 | 70.7 | 138.8 | 4855 | 53.8 | 2.0 | -0.1 | 566.8 | 75.8 | 12.7 | 3.0 | -6.3 | -7.1 | 0.0 |
| 15:04:00 | 19 10.7 | -51 25.0 | 119.8 | 71.6 | 139.6 | 4752 | 54.0 | 1.9 | -0.2 | 570.7 | 75.9 | 12.3 | 2.3 | -3.4 | -3.9 | 0.0 |
| 15:04:01 | 19 9.5 | -51 24.6 | 119.7 | 71.9 | 139.7 | 4850 | 1.4 | -0.6 | -14.5 | 74.8 | 81.9 | -0.0 | -9.6 | 47.0 | 47.0 | 48.0 |
| 15:04:00 | 19 9.5 | -51 24.6 | 324.1 | 337.5 | 4586 | 4842 | 22.2 | -11.5 | -3.6 | 75.8 | 79.8 | -0.6 | 213.8 | 338.1 | 15.6 | 142.1 |
| 15:04:30 | 19 10.0 | -51 23.0 | 119.9 | 70.0 | 138.8 | 4851 | 54.0 | 2.1 | -0.2 | 566.9 | 76.1 | 12.0 | 2.3 | -4.9 | -5.6 | 0.0 |
| 15:04:30 | 19 11.9 | -51 23.0 | 120.2 | 70.9 | 139.5 | 4762* | 54.2 | 2.1 | -0.3 | 570.8 | 76.1 | 11.6 | 1.6 | -2.3 | -2.6 | 0.0 |
| 15:04:31 | 19 10.6 | -51 22.5 | 120.2 | 71.1 | 139.6 | 4846 | 0.9 | -0.6 | -14.5 | 75.0 | 82.2 | -0.0 | -9.6 | 47.0 | 47.0 | 56.5 |
| 15:04:30 | 19 10.6 | -51 22.5 | 323.3 | 338.2 | 4585 | 4841 | 22.6 | -12.1 | -3.8 | 76.1 | 80.1 | -0.6 | 214.1 | 338.1 | 16.2 | 142.1 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 15:05:00 | 19 11.2 | -51 21.0 | 120.1 | 69.4 | 138.7 | 4854 | 54.1 | 1.9 | -0.2 | 566.8 | 77.2 | 12.1 | 2.3 | -5.3 | -6.0 | 0.0 |
| 15:05:00 | 19 13.0 | -51 20.9 | 120.4 | 70.4 | 139.5 | 4801 | 54.3 | 1.9 | -0.3 | 570.7 | 77.2 | 11.7 | 1.6 | -2.5 | -2.9 | 0.0 |
| 15:05:01 | 19 11.8 | -51 20.4 | 120.4 | 70.6 | 139.6 | 4847 | 0.7 | -1.4 | -15.2 | 76.1 | 83.3 | -0.0 | -9.7 | 47.0 | 47.0 | 55.1 |
| 15:05:00 | 19 11.8 | -51 20.5 | 323.3 | 337.8 | 4587 | 4841 | 22.8 | -11.0 | -3.5 | 77.2 | 81.3 | -0.6 | 215.7 | 342.0 | 16.5 | 143.1 |
| 15:05:30 | 19 12.3 | -51 18.9 | 119.8 | 70.4 | 139.0 | 4853 | 54.2 | 2.0 | -0.5 | 566.9 | 76.0 | 11.8 | 2.1 | -4.8 | -5.4 | 0.0 |
| 15:05:30 | 19 14.2 | -51 18.8 | 120.1 | 71.3 | 139.7 | 4772 | 54.4 | 2.0 | -0.6 | 570.8 | 76.0 | 11.4 | 1.4 | -2.0 | -2.3 | 0.0 |
| 15:05:31 | 19 13.0 | -51 18.4 | 120.1 | 71.6 | 139.8 | 4845 | 0.5 | -1.0 | -14.7 | 74.9 | 82.1 | -0.0 | -9.6 | 47.0 | 47.0 | 58.0 |
| 15:05:30 | 19 12.6* | -51 19.0* | 323.1 | 338.1 | 4586 | 4840 | 22.9 | -12.2 | -3.9 | 76.0 | 80.0 | -0.6 | 214.1 | 338.1 | 15.2 | 142.0 |
| 15:06:00 | 19 13.5 | -51 16.9 | 119.3 | 70.6 | 138.6 | 4849 | 53.8 | 2.3 | 0.1 | 567.0 | 75.3 | 11.8 | 2.2 | -4.9 | -5.5 | 0.0 |
| 15:06:00 | 19 15.3 | -51 16.8 | 119.6 | 71.5 | 139.4 | 4802 | 54.0 | 2.2 | -0.0 | 570.9 | 75.3 | 11.4 | 1.5 | -2.1 | -2.4 | 0.0 |
| 15:06:01 | 19 14.1 | -51 16.3 | 119.6 | 71.8 | 139.5 | 4843 | 0.7 | 0.7 | -13.8 | 74.3 | 81.5 | -0.0 | -9.5 | 47.0 | 47.0 | 57.4 |
| 15:06:00 | 19 14.1 | -51 16.4 | 323.1 | 338.1 | 4584 | 4836 | 22.7 | -11.6 | -3.7 | 75.3 | 79.3 | -0.6 | 213.1 | 336.2 | 15.6 | 141.4 |
| 15:06:30 | 19 14.6 | -51 14.8 | 119.5 | 70.2 | 138.6 | 4851 | 53.9 | 2.1 | -0.2 | 567.0 | 75.2 | 11.8 | 2.2 | -4.9 | -5.5 | 0.0 |
| 15:06:30 | 19 16.5 | -51 14.7 | 119.8 | 71.1 | 139.3 | 4757* | 54.1 | 2.1 | -0.2 | 570.9 | 75.2 | 11.4 | 1.5 | -2.2 | -2.5 | 0.0 |
| 15:06:31 | 19 15.3 | -51 14.3 | 119.8 | 71.4 | 139.4 | 4844 | 0.6 | 0.1 | -14.1 | 74.1 | 81.3 | -0.0 | -9.5 | 47.0 | 47.0 | 57.2 |
| 15:06:30 | 19 15.3 | -51 14.3 | 323.1 | 338.1 | 4585 | 4836 | 22.5 | -12.1 | -3.9 | 75.2 | 79.2 | -0.6 | 212.9 | 335.9 | 15.8 | 141.3 |
| 15:07:00 | 19 15.7 | -51 12.8 | 119.9 | 69.5 | 138.6 | 4849 | 54.0 | 2.2 | -0.2 | 567.0 | 75.4 | 12.2 | 2.6 | -5.4 | -6.1 | 0.0 |
| 15:07:00 | 19 17.6 | -51 12.7 | 120.2 | 70.4 | 139.3 | 4801 | 54.2 | 2.2 | -0.3 | 570.9 | 75.4 | 11.8 | 1.9 | -2.8 | -3.1 | 0.0 |
| 15:07:01 | 19 16.4 | -51 12.2 | 120.2 | 70.7 | 139.4 | 4843 | 1.1 | 0.6 | -13.9 | 74.3 | 81.5 | -0.0 | -9.5 | 47.0 | 47.0 | 53.2 |
| 15:07:00 | 19 16.4 | -51 12.3 | 323.6 | 338.0 | 4584 | 4837 | 22.7 | -11.6 | -3.7 | 75.4 | 79.4 | -0.6 | 213.2 | 336.9 | 16.3 | 141.6 |
| 15:07:30 | 19 16.9 | -51 10.7 | 120.2 | 68.8 | 138.5 | 4851 | 53.6 | 2.1 | 0.3 | 566.9 | 75.6 | 12.7 | 3.1 | -6.3 | -7.1 | 0.0 |
| 15:07:30 | 19 18.8 | -51 10.6 | 120.5 | 69.7 | 139.2 | 4801 | 53.8 | 2.1 | 0.2 | 570.8 | 75.6 | 12.4 | 2.4 | -3.5 | -4.0 | 0.0 |
| 15:07:31 | 19 17.6 | -51 10.2 | 120.4 | 70.1 | 139.3 | 4844 | 1.6 | -0.9 | -14.6 | 74.6 | 81.7 | -0.0 | -9.5 | 47.0 | 47.0 | 47.7 |
| 15:07:30 | 19 17.6 | -51 10.2 | 324.2 | 337.6 | 4585 | 4838 | 22.7 | -11.2 | -3.5 | 75.6 | 79.6 | -0.6 | 213.5 | 337.3 | 17.9 | 141.9 |
| 15:08:00 | 19 18.0 | -51 8.7 | 119.7 | 69.1 | 138.2 | 4849 | 54.1 | 2.1 | -0.3 | 566.9 | 76.2 | 12.1 | 2.4 | -4.4 | -5.0 | 0.0 |
| 15:08:00 | 19 19.9 | -51 8.6 | 120.0 | 70.0 | 138.9 | 4769* | 54.3 | 2.1 | -0.5 | 570.8 | 76.2 | 11.7 | 1.7 | -1.9 | -2.1 | 0.0 |
| 15:08:01 | 19 18.7 | -51 8.1 | 120.0 | 70.3 | 139.1 | 4843 | 0.9 | -0.7 | -14.6 | 75.1 | 82.3 | -0.0 | -9.6 | 47.0 | 47.0 | 58.9 |
| 15:08:00 | 19 18.5 | -51 8.6 | 323.3 | 338.9 | 4585 | 4837 | 22.3 | -11.7 | -3.7 | 76.2 | 80.2 | -0.6 | 214.3 | 340.5 | 16.6 | 142.2 |
| 15:08:30 | 19 19.1 | -51 6.6 | 119.3 | 69.7 | 138.1 | 4846 | 54.2 | 2.2 | -0.7 | 567.0 | 76.0 | 12.1 | 2.4 | -4.4 | -4.9 | 0.0 |
| 15:08:30 | 19 21.0 | -51 6.5 | 119.5 | 70.6 | 138.8 | 4791 | 54.5 | 2.2 | -0.8 | 570.9 | 76.0 | 11.7 | 1.7 | -1.7 | -1.9 | 0.0 |
| 15:08:31 | 19 19.9 | -51 6.1 | 119.5 | 70.9 | 138.9 | 4841 | 0.8 | -0.2 | -14.4 | 74.8 | 82.1 | -0.0 | -9.6 | 47.0 | 47.0 | 59.1 |
| 15:08:30 | 19 19.6 | -51 6.5 | 323.4 | 339.0 | 4585 | 4837 | 22.8 | -13.3 | -4.3 | 75.9 | 80.0 | -0.6 | 214.0 | 340.7 | 15.9 | 142.0 |
| 15:09:00 | 19 20.2 | -51 4.6 | 119.1 | 69.6 | 137.9 | 4846 | 54.1 | 2.1 | -0.5 | 567.0 | 75.1 | 12.5 | 2.9 | -4.6 | -5.2 | 0.0 |
| 15:09:00 | 19 22.2 | -51 4.5 | 119.3 | 70.5 | 138.6 | 4804 | 54.3 | 2.1 | -0.6 | 570.8 | 75.2 | 12.1 | 2.2 | -1.9 | -2.2 | 0.0 |
| 15:09:01 | 19 21.0 | -51 4.0 | 119.3 | 70.8 | 138.7 | 4841 | 1.4 | -0.4 | -14.3 | 74.0 | 81.2 | -0.0 | -9.5 | 47.0 | 47.0 | 56.0 |
| 15:09:00 | 19 20.9 | -51 4.2 | 323.9 | 339.3 | 4585 | 4835 | 23.0 | -12.7 | -4.1 | 75.1 | 79.1 | -0.6 | 212.9 | 339.1 | 15.9 | 141.4 |
| 15:09:30 | 19 21.4 | -51 2.5 | 119.2 | 69.6 | 138.0 | 4847 | 54.1 | 2.0 | -0.3 | 567.0 | 74.6 | 12.5 | 3.0 | -5.9 | -6.6 | 0.0 |
| 15:09:30 | 19 23.3 | -51 2.4 | 119.5 | 70.5 | 138.7 | 4804 | 54.2 | 2.1 | -0.4 | 570.9 | 74.6 | 12.1 | 2.3 | -3.1 | -3.6 | 0.0 |
| 15:09:31 | 19 22.2 | -51 2.0 | 119.4 | 70.8 | 138.8 | 4839 | 1.4 | 0.4 | -13.9 | 73.5 | 80.6 | -0.0 | -9.4 | 47.0 | 47.0 | 49.9 |
| 15:09:30 | 19 22.0 | -51 2.3* | 324.0 | 337.9 | 4585 | 4834 | 22.8 | -11.6 | -3.7 | 74.6 | 78.5 | -0.6 | 212.1 | 337.2 | 15.7 | 140.9 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 15:10:00 | 19 22.5 | -51 0.5 | 119.3 | 69.8 | 138.3 | 4842 | 53.9 | 2.3 | -0.3 | 567.1 | 73.8 | 12.7 | 3.2 | -7.7 | -8.7 | 0.0 |
| 15:10:00 | 19 24.5 | -51 0.4 | 119.6 | 70.8 | 139.0 | 4799 | 54.2 | 2.2 | -0.4 | 570.9 | 73.8 | 12.3 | 2.5 | -4.9 | -5.5 | 0.0 |
| 15:10:01 | 19 23.3 | -50 60.0 | 119.5 | 71.1 | 139.1 | 4838 | 1.7 | 1.5 | -13.2 | 72.8 | 79.9 | -0.0 | -9.3 | 47.0 | 47.0 | 41.7 |
| 15:10:00 | 19 23.1 | -51 0.4 | 324.4 | 336.3 | 4584 | 4831 | 22.4 | -11.8 | -3.8 | 73.8 | 77.7 | -0.5 | 211.0 | 333.4 | 15.8 | 140.2 |
| 15:10:30 | 19 23.6 | -50 58.5 | 119.0 | 70.4 | 138.3 | 4846 | 54.5 | 2.1 | -1.0 | 567.0 | 75.3 | 11.9 | 2.3 | -5.9 | -6.7 | 0.0 |
| 15:10:30 | 19 25.6 | -50 58.3 | 119.3 | 71.3 | 139.0 | 4726* | 54.8 | 2.1 | -1.1 | 570.8 | 75.3 | 11.5

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 15:15:00 | 19 32.4 | -50 38.9 | 126.8 | 60.2 | 140.3 | 4836 | 59.5 | 2.0 | -1.2 | 567.0 | 75.3 | 13.2 | 3.6 | -11.2 | -12.6 | 0.0 |
| 15:15:00 | 19 34.5 | -50 38.8 | 127.0 | 61.0 | 140.9 | 4792 | 59.7 | 2.0 | -1.3 | 570.8 | 75.3 | 12.8 | 2.9 | -6.4 | -7.2 | 0.0 |
| 15:15:01 | 19 33.4 | -50 38.4 | 127.0 | 61.3 | 141.0 | 4827 | 1.9 | -1.0 | -14.7 | 74.2 | 81.3 | -0.0 | -9.5 | 47.0 | 47.0 | 29.7 |
| 15:15:00 | 19 33.4 | -50 38.4 | 324.8 | 333.7 | 4585 | 4822 | 22.6 | -12.1 | -3.9 | 75.3 | 79.3 | -0.5 | 213.1 | 336.9 | 14.3 | 141.7 |
| 15:15:30 | 19 33.4 | -50 36.8 | 125.5 | 61.5 | 139.8 | 4835 | 58.7 | 2.1 | -0.3 | 566.9 | 75.6 | 13.5 | 3.8 | -3.0 | -3.3 | 0.0 |
| 15:15:30 | 19 35.5 | -50 36.6 | 125.8 | 62.3 | 140.4 | 4792 | 58.8 | 2.1 | -0.4 | 570.8 | 75.7 | 13.1 | 3.1 | -0.8 | -0.9 | 0.0 |
| 15:15:31 | 19 34.4 | -50 36.2 | 125.7 | 62.6 | 140.5 | 4819 | 2.3 | -1.2 | -14.8 | 74.5 | 81.7 | -0.0 | -9.5 | 47.0 | 47.0 | 60.3 |
| 15:15:30 | 19 34.2 | -50 36.7 | 325.0 | 342.7 | 4586 | 4821 | 20.0 | -13.0 | -4.2 | 75.6 | 79.7 | -0.5 | 213.6 | 339.9 | 15.0 | 142.2 |
| 15:16:00 | 19 34.4 | -50 34.6 | 125.8 | 60.9 | 139.7 | 4832 | 58.7 | 2.1 | -0.1 | 567.0 | 74.5 | 12.5 | 3.0 | -2.9 | -3.3 | 0.0 |
| 15:16:00 | 19 36.5 | -50 34.5 | 126.0 | 61.7 | 140.3 | 4792 | 58.9 | 2.0 | -0.2 | 570.8 | 74.5 | 12.1 | 2.3 | -0.2 | -0.2 | 0.0 |
| 15:16:01 | 19 35.4 | -50 34.0 | 126.0 | 62.0 | 140.4 | 4819 | 1.5 | 1.0 | -13.6 | 73.4 | 80.6 | -0.0 | -9.4 | 47.0 | 47.0 | 64.1 |
| 15:16:00 | 19 35.3 | -50 34.2 | 324.1 | 341.7 | 4585 | 4819 | 19.6 | -12.7 | -4.1 | 74.5 | 78.5 | -0.5 | 212.0 | 335.4 | 15.5 | 140.9 |
| 15:16:30 | 19 35.3 | -50 32.5 | 126.2 | 59.7 | 139.6 | 4828 | 58.3 | 2.2 | 0.1 | 567.0 | 75.2 | 12.3 | 2.7 | -2.5 | -2.8 | 0.0 |
| 15:16:30 | 19 37.5 | -50 32.3 | 126.5 | 60.6 | 140.2 | 4787 | 58.6 | 2.3 | 0.0 | 570.9 | 75.2 | 11.9 | 2.0 | 0.1 | 0.1 | 0.0 |
| 15:16:31 | 19 36.4 | -50 31.9 | 126.4 | 60.8 | 140.3 | 4820 | 1.3 | 0.1 | -14.1 | 74.2 | 81.3 | -0.0 | -9.5 | 47.0 | 47.0 | 67.7 |
| 15:16:30 | 19 36.3 | -50 32.2 | 323.7 | 342.0 | 4584 | 4816 | 17.4 | -11.4 | -3.6 | 75.2 | 79.4 | -0.5 | 212.9 | 337.0 | 17.3 | 141.4 |
| 15:17:00 | 19 36.3 | -50 30.3 | 126.5 | 58.3 | 139.3 | 4828 | 58.6 | 2.2 | -0.2 | 567.1 | 74.0 | 11.8 | 2.4 | -0.7 | -0.8 | 0.0 |
| 15:17:00 | 19 38.5 | -50 30.1 | 126.8 | 59.2 | 139.9 | 4788 | 58.8 | 2.2 | -0.4 | 570.9 | 74.0 | 11.4 | 1.7 | 1.9 | 1.9 | 0.0 |
| 15:17:01 | 19 37.4 | -50 29.7 | 126.7 | 59.3 | 139.9 | 4822 | 1.0 | 0.8 | -14.5 | 73.3 | 80.3 | -0.0 | -9.3 | 47.0 | 47.0 | 80.7 |
| 15:17:00 | 19 37.2 | -50 30.2 | 323.3 | 344.4 | 4584 | 4816 | 10.4 | -11.9 | -2.9 | 74.1 | 78.4 | -0.5 | 211.3 | 334.8 | 17.9 | 140.4 |
| 15:17:30 | 19 37.2 | -50 28.1 | 126.0 | 57.6 | 138.5 | 4831 | 58.6 | 2.0 | -0.0 | 566.8 | 77.9 | 12.6 | 2.7 | -2.8 | -3.2 | 0.0 |
| 15:17:30 | 19 39.5 | -50 28.0 | 126.2 | 58.4 | 139.1 | 4790 | 58.7 | 2.0 | -0.1 | 570.8 | 77.9 | 12.3 | 2.0 | 0.0 | 0.0 | 0.0 |
| 15:17:31 | 19 38.3 | -50 27.5 | 126.1 | 58.6 | 139.1 | 4823 | 1.1 | -4.5 | -16.7 | 76.7 | 83.9 | -0.0 | -9.8 | 47.0 | 47.0 | 66.0 |
| 15:17:30 | 19 38.3 | -50 27.7 | 323.7 | 341.5 | 4586 | 4817 | 6.2 | -13.2 | -1.5 | 77.8 | 82.0 | -0.5 | 216.6 | 347.3 | 19.6 | 143.9 |
| 15:18:00 | 19 38.2 | -50 26.0 | 126.8 | 56.0 | 138.6 | 4828 | 58.3 | 2.0 | -0.2* | 566.9 | 76.4 | 11.8 | 2.1 | -2.1 | -2.3 | 0.0 |
| 15:18:00 | 19 40.4 | -50 25.8 | 127.0 | 56.9 | 139.2 | 4787 | 58.5 | 1.9 | -0.4* | 570.8 | 76.4 | 11.4 | 1.4 | 0.6 | 0.6 | 0.0 |
| 15:18:01 | 19 39.3 | -50 25.4 | 127.0 | 57.1 | 139.2 | 4820 | 0.8 | -0.3 | -14.5 | 75.3 | 82.5 | -0.0 | -9.6 | 47.0 | 47.0 | 73.2 |
| 15:18:00 | 19 39.1 | -50 25.7 | 323.0 | 341.9 | 4586 | 4816 | 14.6 | -12.0 | -3.8 | 76.4 | 80.3 | -0.5 | 214.6 | 341.9 | 21.4 | 142.4 |
| 15:18:30 | 19 39.1 | -50 23.8 | 126.5 | 56.4 | 138.5 | 4827 | 58.6 | 1.8 | -0.3 | 566.8 | 76.7 | 12.7 | 3.0 | -2.7 | -3.1 | 0.0 |
| 15:18:30 | 19 41.3 | -50 23.6 | 126.7 | 57.2 | 139.1 | 4787 | 58.9 | 1.8 | -0.4 | 570.7 | 76.7 | 12.4 | 2.3 | -0.1 | -0.1 | 0.0 |
| 15:18:31 | 19 40.2 | -50 23.2 | 126.7 | 57.4 | 139.1 | 4820 | 1.6 | -1.5 | -15.1 | 75.6 | 82.8 | -0.0 | -9.7 | 47.0 | 47.0 | 65.2 |
| 15:18:30 | 19 40.0 | -50 23.7 | 324.0 | 342.0 | 4587 | 4816 | 16.3 | -11.8 | -3.8 | 76.7 | 80.9 | -0.5 | 215.0 | 344.4 | 20.2 | 142.9 |
| 15:19:00 | 19 40.0 | -50 21.6 | 127.0 | 56.2 | 138.9 | 4821 | 58.9 | 2.3 | -0.5 | 567.3 | 72.9 | 12.9 | 3.6 | -3.5 | -4.0 | 0.0 |
| 15:19:00 | 19 42.2 | -50 21.4 | 127.2 | 57.1 | 139.4 | 4782 | 59.1 | 2.3 | -0.6 | 571.0 | 73.0 | 12.5 | 2.9 | -0.8 | -0.9 | 0.0 |
| 15:19:01 | 19 41.1 | -50 21.0 | 127.2 | 57.1 | 139.5 | 4811 | 2.1 | 1.4 | -13.4 | 72.0 | 79.0 | -0.0 | -9.2 | 47.0 | 47.0 | 58.3 |
| 15:19:00 | 19 41.1 | -50 21.1 | 324.7 | 341.5 | 4582 | 4810 | 19.9 | -11.3 | -3.6 | 73.0 | 76.8 | -0.5 | 209.8 | 334.1 | 19.2 | 139.6 |
| 15:19:30 | 19 40.9 | -50 19.4 | 126.9 | 56.4 | 138.9 | 4825 | 58.7 | 1.9 | -0.2 | 566.8 | 75.3 | 12.2 | 2.6 | -1.3 | -1.5 | 0.0 |
| 15:19:30 | 19 43.2 | -50 19.2 | 127.1 | 57.2 | 139.4 | 4782 | 58.9 | 1.9 | -0.3 | 570.7 | 75.3 | 11.8 | 1.9 | 1.2 | 1.2 | 0.0 |
| 15:19:31 | 19 42.1 | -50 18.8 | 127.1 | 57.3 | 139.4 | 4815 | 1.2 | -0.8 | -14.6 | 74.2 | 81.3 | -0.0 | -9.5 | 47.0 | 47.0 | 75.4 |
| 15:19:30 | 19 41.9 | -50 19.2 | 323.6 | 343.6 | 4587 | 4812 | 22.1 | -11.7 | -3.8 | 75.3 | 79.3 | -0.5 | 213.0 | 339.7 | 19.9 | 141.5 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 15:20:00 | 19 41.9 | -50 17.3 | 125.4 | 59.7 | 138.9 | 4822 | 56.8 | 1.9 | -0.3 | 566.8 | 76.7 | 11.9 | 2.2 | -0.8 | -0.9 | 0.0 |
| 15:20:00 | 19 44.1 | -50 17.1 | 125.6 | 60.5 | 139.4 | 4780 | 57.1 | 1.8 | -0.5 | 570.7 | 76.7 | 11.6 | 1.5 | 1.7 | 1.7 | 0.0 |
| 15:20:01 | 19 43.0 | -50 16.7 | 125.5 | 60.6 | 139.4 | 4815 | 0.8 | -2.8 | -18.1 | 75.8 | 82.8 | -0.0 | -9.7 | 47.0 | 47.0 | 80.8 |
| 15:20:00 | 19 42.8 | -50 17.1 | 323.1 | 343.9 | 4586 | 4812 | 8.4 | -12.2 | -2.4 | 76.7 | 80.8 | -0.5 | 215.0 | 340.7 | 21.1 | 142.7 |
| 15:20:30 | 19 42.8 | -50 15.1 | 125.6 | 59.9 | 139.1 | 4820 | 56.7 | 2.0 | -0.2 | 566.9 | 75.6 | 12.1 | 2.5 | -1.7 | -1.9 | 17.7 |
| 15:20:30 | 19 45.1 | -50 14.9 | 125.8 | 60.7 | 139.7 | 4781 | 57.0 | 2.0 | -0.3 | 570.8 | 75.6 | 11.8 | 1.8 | 1.0 | 1.0 | 7.2 |
| 15:20:31 | 19 44.0 | -50 14.5 | 125.7 | 60.7 | 139.6 | 4809 | 1.1 | -1.2 | -17.5 | 74.5 | 81.7 | -0.0 | -9.5 | 47.0 | 47.0 | 73.7 |
| 15:20:30 | 19 43.7 | -50 15.1 | 323.5 | 343.0 | 4586 | 4808 | 5.7 | -11.9 | -2.4 | 75.6 | 79.6 | -0.5 | 213.5 | 337.5 | 20.9 | 141.8 |
| 15:21:00 | 19 43.8 | -50 13.0 | 125.9 | 59.4 | 139.2 | 4817 | 56.6 | 2.2 | -0.1 | 567.0 | 75.4 | 12.1 | 2.5 | -2.6 | -2.9 | 17.4 |
| 15:21:00 | 19 46.1 | -50 12.8 | 126.1 | 60.3 | 139.7 | 4783 | 56.8 | 2.1 | -0.2 | 570.9 | 75.5 | 11.7 | 1.8 | 0.1 | 0.1 | 17.5 |
| 15:21:01 | 19 45.0 | -50 12.4 | 126.0 | 60.3 | 139.7 | 4804 | 1.2 | -0.5 | -17.1 | 74.4 | 81.6 | -0.0 | -9.5 | 47.0 | 47.0 | 68.3 |
| 15:21:00 | 19 44.7 | -50 13.0* | 323.5 | 341.5 | 4584 | 4807 | 21.7 | -11.5 | -2.0 | 75.5 | 79.5 | -0.5 | 213.3 | 336.6 | 21.7 | 141.6 |
| 15:21:30 | 19 44.8 | -50 10.8 | 126.4 | 58.9 | 139.5 | 4819 | 56.7 | 1.9 | -0.0 | 566.8 | 76.1 | 12.0 | 2.4 | -2.7 | -3.0 | 16.1 |
| 15:21:30 | 19 47.1 | -50 10.6 | 126.6 | 59.7 | 140.0 | 4779 | 56.9 | 2.0 | -0.2 | 570.7 | 76.1 | 11.7 | 1.7 | -0.2 | -0.2 | 16.2 |
| 15:21:31 | 19 46.0 | -50 10.2 | 126.6 | 59.7 | 140.0 | 4808 | 1.0 | -1.6 | -15.8 | 75.0 | 82.2 | -0.0 | -9.6 | 47.0 | 47.0 | 68.3 |
| 15:21:30 | 19 45.8 | -50 10.5 | 323.3 | 341.3 | 4586 | 4805 | 21.6 | -11.4 | -2.7 | 76.1 | 80.1 | -0.5 | 214.2 | 337.4 | 22.2 | 142.2 |
| 15:22:00 | 19 45.7 | -50 8.7 | 126.2 | 58.2 | 139.0 | 4814 | 56.5 | 2.0 | 0.1 | 566.9 | 77.1 | 12.3 | 2.5 | -2.3 | -2.6 | -22.4 |
| 15:22:00 | 19 48.0 | -50 8.4 | 126.4 | 59.0 | 139.5 | 4777 | 56.7 | 1.9 | -0.1 | 570.9 | 77.1 | 12.0 | 1.8 | 0.2 | 0.2 | -37.6 |
| 15:22:01 | 19 46.9 | -50 8.0 | 126.4 | 58.9 | 139.4 | 4805 | 1.1 | -2.6 | -16.0 | 76.1 | 83.2 | -0.0 | -9.7 | 47.0 | 47.0 | 69.7 |
| 15:22:00 | 19 46.5 | -50 8.9 | 323.5 | 341.9 | 4584 | 4803 | 22.3 | -10.2 | -3.0 | 77.1 | 81.3 | -0.5 | 215.6 | 340.8 | 23.2 | 143.1 |
| 15:22:30 | 19 46.7 | -50 6.5 | 126.5 | 58.7 | 139.4 | 4816 | 56.7 | 1.8 | -0.4 | 566.8 | 76.6 | 12.2 | 2.5 | -2.1 | -2.4 | -23.1 |
| 15:22:30 | 19 49.0 | -50 6.3 | 126.6 | 59.5 | 139.9 | 4775 | 57.0 | 1.8 | -0.4 | 570.7 | 76.7 | 11.8 | 1.8 | 0.4 | 0.4 | -37.6 |
| 15:22:31 | 19 47.9 | -50 5.9 | 126.6 | 59.4 | 139.8 | 4802 | 0.9 | -2.7 | -15.6 | 75.6 | 82.7 | -0.0 | -9.7 | 47.0 | 47.0 | 70.9 |
| 15:22:30 | 19 47.6 | -50 6.5 | 323.5 | 342.2 | 4587 | 4805 | 21.4 | -11.5 | -3.5 | 76.7 | 80.6 | -0.5 | 214.9 | 339.0 | 22.4 | 142.7 |
| 15:23:00 | 19 47.6 | -50 4.3 | 126.2 | 59.2 | 139.4 | 4810 | 57.0 | 2.1 | -0.5 | 567.0 | 75.6 | 11.0 | 1.4 | -1.7 | -1.9 | -23.2 |
| 15:23:00 | 19 50.0 | -50 4.1 | 126.4 | 60.0 | 139.9 | 4774 | 57.1 | 2.0 | -0.7 | 570.9 | 75.6 | 10.6 | 0.7 | 0.8 | 0.8 | -37.6 |
| 15:23:01 | 19 48.9 | -50 3.7 | 126.4 | 59.8 | 139.8 | 4800 | 0.2 | -0.2 | -14.2 | 74.5 | 81.7 | -0.0 | -9.5 | 47.0 | 47.0 | 79.4 |
| 15:23:00 | 19 48.9 | -50 3.7 | 322.2 | 341.6 | 4585 | 4798 | 22.2 | -12.1 | -3.7 | 75.6 | 79.6 | -0.5 | 213.4 | 336.0 | 21.2 | 141.5 |
| 15:23:30 | 19 48.6 | -50 2.1 | 127.0 | 60.0 | 140.5 | 4809 | 56.8 | 1.9 | -0.4 | 567.0 | 75.3 | 11.6 | 2.0 | -1.8 | -2.1 | -22.9 |
| 15:23:30 | 19 51.0 | -50 1.9 | 127.2 | 60.7 | 140.9 | 4770 | 57.0 | 2.0 | -0.5 | 570.9 | 75.3 | 11.2 | 1.3 | 0.8 | 0.8 | -37.5 |
| 15:23:31 | 19 49.8 | -50 1.5 | 127.2 | 60.6 | 140.9 | 4802 | 0.6 | -0.6 | -14.4 | 74.2 | 81.4 | -0.0 | -9.5 | 47.0 | 47.0 | 75.1 |
| 15:23:30 | 19 49.7 | -50 1.8 | 322.9 | 342.0 | 4584 | 4797 | 22.1 | -11.9 | -3.7 | 75.3 | 79.3 | -0.5 | 213.1 | 332.8 | 21.2 | 141.4 |
| 15:24:00 | 19 49.6 | -49 60.0 | 127.1 | 60.2 | 140.6 | 4806 | 56.7 | 2.1 | -0.2 | 567.0 | 74.8 | 11.5 | 2.0 | -2.0 | -2.3 | 26.7 |
| 15:24:00 | 19 52.0 | -49 59.7 | 127.2 | 61.0 | 141.1 | 4765 | 57.0 | 2.0 | -0.3 | 570.9 | 74.9 | 11.1 | 1.3 | 0.6 | 0.6 | 26.8 |
| 15:24:01 | 19 50.8 | -49 59.3 | 127.3 | 60.8 | 141.0 | 4798 | 0.7 | 0.1 | -14.3 | 73.8 | 80.9 | -0.0 | -9.4 | 47.0 | 47.0 | 74.4 |
| 15:24:00 | 19 50.8 | -49 59.4 | 322.9 | 341.8 | 4584 | 4794 | 21.0 | -11.7 | -3.7 | 74.9 | 78.7 | -0.5 | 212.4 | 331.2 | 21.2 | 141.0 |
| 15:24:30 | 19 50.5 | -49 57.8 | 128.0 | 59.9 | 141.3 | 4803 | 56.8 | 2.0 | 0.2 | 567.0 | 74.7 | 11.8 | 2.3 | -2.2 | -2.5 | 26.3 |
| 15:24:30 | 19 52.9 | -49 57.5 | 128.1 | 60.7 | 141.7 | 4764 | 57.0 | 2.0 | 0.1 | 570.9 | 74.7 | 11.4 | 1.6 | 0.4 | 0.4 | 26.5 |
| 15:24:31 | 19 51.8 | -49 57.1 | 128.1 | 60.5 | 141.7 | 4802 | 1.0 | -0.7 | -14.9 | 73.8 | 80.7 | -0.0 | -9.4 | 47.0 | 47.0 | 71.6 |
| 15:24:30 | 19 51.8 | -49 57.2 | 323.2 | 341.8 | 4585 | 4792 | 21.8 | -9.2 | -2.7 | 74.7 | 78.7 | -0.5 | 212.2 | 329.4 | 21.2 | 140.9 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 15:25:00 | 19 51.5 | -49 55.6 | 128.6 | 58.0 | 141.0 | 4737 | 57.4 | 0.7 | -0.2 | 571.6 | 77.3 | 12.2 | 2.5 | -1.6 | -1.8 | 23.3 |
| 15:25:00 | 19 53.9 | -49 55.3 | 128.7 | 58.7 | 141.5 | 4697 | 57.6 | 0.7 | -0.3 | 575.5 | 77.3 | 11.8 | 1.8 | 1.0 | 1.0 | 23.4 |
| 15:25:01 | 19 52.8 | -49 54.9 | 128.7 | 58.5 | 141.4 | 4729 | 1.1 | -1.8 | -15.5 | 76.3 | 83.2 | -0.0 | -9.7 | 47.0 | 47.0 | 74.1 |
| 15:25:00 | 19 52.8 | -49 55.0 | 322.7 | 342.0 | 4523 | 4725 | 21.7 | -7.1 | -2.2 | 77.3 | 81.3 | -0.5 | 215.8 | 336.0 | 21.4 | 142.7 |
| 15:25:30 | 19 52.4 | -49 53.4 | 125.2 | 57.1 | 137.7 | 4613 | 56.5 | 0.5 | 0.1 | 580.6 | 74.3 | 13.1 | 3.8 | -1.5 | -1.7 | 21.5 |
| 15:25:30 | 19 54.9 | -49 53.2 | 125.3 | 57.9 | 138.1 | 4572 | 56.6 | 0.5 | -0.1 | 584.3 | 74.3 | 12.7 | 3.1 | 1.0 | 1.0 | 21.7 |
| 15:25:31 | 19 53.7 | -49 52.8 | 125.4 | 57.7 | 138.0 | 4604 | 2.4 | 2.4 | -13.6 | 73.3 | 80.1 | -0.0 | -9.2 | 47.0 | 47.0 | 68.3 |
| 15:25:30 | 19 53.7 | -49 52.8 | 322.8 | 342.2 | 4408 | 4599 | 20.6 | -8.4 | -2.5 | 74.4 | 78.1 | -0.5 | 211.7 | 335.1 | 22.8 | 139.4 |
| 15:26:00 | 19 53.3 | -49 51.3 | 121.6 | 54.1 | 133.1 | 4473 | 56.7 | 0.5 | -0.1 | 590.4 | 71.7 | 12.5 | 3.7 | -1.2 | -1.4 | 20.0 |
| 15:26:00 | 19 55.8 | -49 51.0 | 121.7 | 54.8 | 133.5 | 4433 | 56.9 | 0.5 | -0.3 | 594.0 | 71.7 | 12.1 | 3.0 | 1.3 | 1.3 | 20.1 |
| 15:26:01 | 19 54.6 | -49 50.6 | 121.8 | 54.6 | 133.4 | 4463 | 2.4 | 5.6 | -11.5 | 70.8 | 77.5 | -0.0 | -8.7 | 47.0 | 47.0 | 70.3 |
| 15:26:00 | 19 54.6 | -49 50.7 | 321.2 | 340.4 | 4283 | 4462 | 22.2 | -8.0 | -2.4 | 71.8 | 75.4 | -0.5 | 208.0 | 338.2 | 22.9 | 135.9 |
| 15:26:30 | 19 54.2 | -49 49.2 | 119.2 | 52.3 | 130.1 | 4328 | 56.7 | 0.6 | -0.1 | 601.3 | 67.6 | 13.3 | 5.0 | -1.0 | -1.1 | 18.2 |
| 15:26:30 | 19 56.7 | -49 49.0 | 119.3 | 53.0 | 130.5 | 4284 | 57.0 | 0.6 | -0.2 | 604.7 | 67.6 | 12.9 | 4.4 | 1.5 | 1.5 | 18.3 |
| 15:26:31 | 19 55.5 | -49 48.6 | 119.3 | 52.7 | 130.5 | 4317 | 3.6 | 7.8 | -9.8 | 67.0 | 73.5 | -0.0 | -8.1 | 47.0 | 47.0 | 65.1 |
| 15:26:30 | 19 55.5 | -49 48.6 | 321.1 | 340.4 | 4147 | 4314 | 22.2 | -6.9 | -2.0 | 67.7 | 71.0 | -0.5 | 202.1 | 334.2 | 22.7 | 131.3 |
| 15:27:00 | 19 55.0 | -49 47.2 | 118.6 | 52.0 | 129.5 | 4144 | 56.7 | -0.4 | -0.3 | 614.7 | 67.1 | 13.3 | 5.2 | -0.4 | -0.4 | 16.9 |
| 15:27:00 | 19 57.5 | -49 46.9 | 118.7 | 52.8 | 129.9 | 4103 | 56.9 | -0.5 | -0.5 | 618.1 | 67.1 | 12.9 | 4.6 | 2.2 | 2.2 | 17.0 |
| 15:27:01 | 19 56.4 | -49 46.5 | 118.8 | 52.4 | 129.9 | 4133 | 3.8 | 9.0 | -9.1 | 66.6 | 73.1 | -0.0 | -7.9 | 47.0 | 47.0 | 67.9 |
| 15:27:00 | 19 56.4 | -49 46.6 | 319.3 | 339.0 | 3979 | 4132 | 20.6 | -5.5 | -1.5 | 67.3 | 70.5 | -0.5 | 201.4 | 331.1 | 22.0 | 129.5 |
| 15:27:30 | 19 55.9 | -49 45.1 | 120.6 | 55.0 | 132.6 | 3924 | 56.9 | -0.4 | -0.4 | 631.2 | 70.9 | 14.2 | 5.9 | 0.2 | 0.2 | 15.8 |
| 15:27:30 | 19 58.4 | -49 44.9 | 120.7 | 55.8 | 132.9 | 3888 | 57.1 | -0.4 | -0.5 | 634.6 | 70.9 | 13.8 | 5.3 | 2.6 | 2.6 | 15.9 |
| 15:27:31 | 19 57.2 | -49 44.5 | 120.8 | 55.4 | 132.9 | 3911 | 4.7 | 5.6 | -11.2 | 70.2 | 76.9 | -0.0 | -8.1 | 47.0 | 47.0 | 67.4 |
| 15:27:30 | 19 56.9 | -49 45.3 | 317.7 | 337.5 | 3776 | 3999 | 21.8 | -7.5 | -2.2 | 71.0 | 74.4 | -0.5 | 206.9 | 327.8 | 20.6 | 131.5 |
| 15:28:00 | 19 56.8 | -49 43.1 | 121.4 | 56.7 | 134.0 | 3720 | 56.8 | -0.4 | -0.2 | 646.6 | 71.9 | 15.4 | 7.2 | 0.7 | 0.7 | 15.0 |
| 15:28:00 | 19 59.3 | -49 42.8 | 121.4 | 57.4 | 134.3 | 3687 | 57.1 | -0.4 | -0.4 | 650.2 | 71.9 | 15.1 | 6.6 | 3.2 | 3.2 | 15.1 |
| 15:28:01 | 19 58.2 | -49 42.4 | 121.6 | 57.0 | 134.3 | 3708 | 5.9 | 3.9 | -12.0 | 71.4 | 78.1 | -0.0 | -8.1 | 47.0 | 47.0 | 64.1 |
| 15:28:00 | 19 58.1 | -49 42.4 | 317.0 | 337.0 | 3588 | 3711 | 19.9 | -5.8 | -1.6 | 72.1 | 75.6 | -0.5 | 208.4 | 322.4 | 19.4 | 131.2 |
| 15:28:30 | 19 57.8 | -49 41.0 | 121.9 | 57.3 | 134.7 | 3523 | 56.4 | -0.4 | 0.2 | 661.9 | 74.4 | 16.2 | 7.8 | 2.3 | 2.3 | 13.9 |
| 15:28:30 | 20 0.2 | -49 40.7 | 122.0 | 58.0 | 135.1 | 3491 | 56.7 | -0.4 | 0.1 | 665.6 | 74.4 | 15.8 | 7.2 | 4.8 | 4.8 | 14.0 |
| 15:28:31 | 19 59.1 | -49 40.3 | 122.2 | 57.6 | 135.1 | 3513 | 6.7 | 3.2 | -13.3 | 73.8 | 80.8 | -0.0 | -8.1 | 47.0 | 47.0 | 68.9 |
| 15:28:30 | 19 58.8 | -49 40.9 | 315.6 | 337.4 | 3407 | 3569 | 21.3 | -7.9 | -2.4 | 74.5 | 78.3 | -0.5 | 211.8 | 322.7 | 20.6 | 132.0 |
| 15:29:00 | 19 58.7 | -49 38.9 | 121.8 | 57.7 | 134.8 | 3339 | 56.6 | -0.4 | 0.1 | 676.6 | 76.5 | 17.3 | 8.9 | 2.7 | 2.7 | 13.2 |
| 15:29:00 | 20 1.2 | -49 38.6 | 121.8 | 58.3 | 135.1 | 3305 | 56.8 | -0.5 | -0.0 | 680.4 | 76.5 | 17.0 | 8.3 | 5.1 | 5.1 | 13.2 |
| 15:29:01 | 20 0.0 | -49 38.2 | 122.1 | 57.9 | 135.1 | 3331 | 7.8 | 0.1 | -14.5 | 76.0 | 82.9 | -0.0 | -8.2 | 47.0 | 47.0 | 65.6 |
| 15:29:00 | 20 0.0 | -49 38.2 | 314.8 | 336.6 | 3234 | 3331 | 23.4 | -5.7 | -1.7 | 76.6 | 80.3 | -0.5 | 214.7 | 324.1 | 19.2 | 132.6 |
| 15:29:30 | 19 59.6 | -49 36.8 | 121.6 | 57.4 | 134.5 | 3156 | 56.6 | -0.4 | -0.1 | 691.6 | 75.6 | 18.9 | 10.7 | 3.7 | 3.7 | 12.1 |
| 15:29:30 | 20 2.1 | -49 36.5 | 121.7 | 58.1 | 134.8 | 3122 | 56.8 | -0.4 | -0.2 | 695.3 | 75.6 | 18.6 | 10.1 | 6.1 | 6.1 | 12.2 |
| 15:29:31 | 20 1.0 | -49 36.1 | 121.9 | 57.6 | 134.9 | 3154 | 9.4 | 1.4 | -14.3 | 75.1 | 82.1 | -0.0 | -7.9 | 47.0 | 47.0 | 62.3 |
| 15:29:30 | 20 1.0 | -49 36.1 | 314.8 | 337.7 | 3065 | 3146 | 23.1 | -7.9 | -2.3 | 75.7 | 79.4 | -0.5 | 213.5 | 320.0 | 19.9 | 130.9 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 15:30:00 | 20 0.6 | -49 34.7 | 122.4 | 57.4 | 135.2 | 2964 | 56.5 | -0.4 | -0.1 | 707.3 | 73.6 | 19.7 | 11.8 | 6.0 | 6.0 | 11.1 |
| 15:30:00 | 20 3.1 | -49 34.4 | 122.4 | 58.1 | 135.5 | 2932 | 56.8 | -0.5 | -0.3 | 711.0 | 73.6 | 19.3 | 11.2 | 8.5 | 8.5 | 11.2 |
| 15:30:01 | 20 1.9 | -49 34.0 | 122.7 | 57.5 | 135.5 | 2962 | 10.5 | 1.8 | -13.4 | 73.5 | 80.1 | -0.0 | -7.6 | 47.0 | 47.0 | 68.2 |
| 15:30:00 | 20 1.7 | -49 34.5 | 314.0 | 340.1 | 2889 | 2992 | 15.4 | -4.2 | -1.2 | 73.8 | 77.6 | -0.5 | 210.7 | 310.7 | 20.5 | 128.2 |
| 15:30:30 | 20 1.5 | -49 32.6 | 121.7 | 57.3 | 134.5 | 2796 | 56.4 | -0.4 | -0.0 | 721.5 | 78.0 | 20.1 | 12.0 | 10.0 | 10.0 | 10.4 |
| 15:30:30 | 20 4.0 | -49 32.3 | 121.7 | 58.0 | 134.8 | 2760 | 56.6 | -0.4 | -0.1 | 725.4 | 78.0 | 19.9

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 15:35:00 | 20 9.6 | -49 15.0 | 100.4 | 60.4 | 117.1 | 2117 | 45.4 | 3.1 | 2.1 | 777.5 | 61.9 | 21.7 | 15.5 | 14.4 | 14.4 | -23.5 |
| 15:35:00 | 20 12.3 | -49 14.8 | 100.3 | 61.0 | 117.4 | 2103 | 45.6 | 3.1 | 1.9 | 781.0 | 62.0 | 21.4 | 15.1 | 16.6 | 16.6 | -37.5 |
| 15:35:01 | 20 11.0 | -49 14.3 | 100.7 | 60.2 | 117.3 | 2117 | 14.6 | 14.0 | -8.3 | 63.2 | 69.2 | -0.0 | -5.9 | 47.0 | 47.0 | 94.7 |
| 15:35:00 | 20 10.8 | -49 14.7 | 309.7 | 350.5 | 2142 | 2115 | 16.2 | -0.9 | 0.8 | 62.2 | 65.5 | -0.4 | 193.7 | 314.6 | 27.0 | 113.5 |
| 15:35:30 | 20 10.6 | -49 13.3 | 106.1 | 58.9 | 121.4 | 2114 | 48.1 | 2.4 | -0.9 | 777.4 | 65.4 | 21.8 | 15.3 | 14.1 | 14.1 | -23.3 |
| 15:35:30 | 20 13.2 | -49 13.0 | 106.1 | 59.5 | 121.6 | 2102 | 48.3 | 2.5 | -1.1 | 780.7 | 65.4 | 21.7 | 15.1 | 16.5 | 16.5 | -37.5 |
| 15:35:31 | 20 11.9 | -49 12.5 | 106.5 | 58.5 | 121.6 | 2114 | 14.4 | 7.9 | -11.8 | 66.2 | 72.0 | -0.0 | -6.2 | 47.0 | 47.0 | 93.7 |
| 15:35:30 | 20 11.9 | -49 12.7 | 309.5 | 349.5 | 2146 | 2112 | 16.1 | -7.4 | -1.3 | 65.6 | 69.3 | -0.4 | 198.9 | 314.4 | 27.8 | 116.5 |
| 15:36:00 | 20 11.6 | -49 11.4 | 108.5 | 65.5 | 126.7 | 2108 | 46.2 | 1.8 | -2.5* | 777.1 | 73.9 | 22.7 | 15.3 | 14.4 | 14.4 | -23.6 |
| 15:36:00 | 20 14.3 | -49 11.2 | 108.4 | 66.1 | 127.0 | 2094 | 46.4 | 1.7 | -2.6* | 780.7 | 73.9 | 22.7 | 15.1 | 16.9 | 16.9 | -37.6 |
| 15:36:01 | 20 12.9 | -49 10.6 | 108.8 | 65.2 | 126.8 | 2108 | 14.8 | 0.0 | -16.8 | 74.8 | 81.1 | -0.0 | -7.0 | 47.0 | 47.0 | 95.3 |
| 15:36:00 | 20 12.8 | -49 10.8 | 309.6 | 350.4 | 2145 | 2106 | 16.3 | -7.0 | -0.8 | 74.1 | 78.0 | -0.4 | 211.2 | 316.2 | 28.3 | 123.7 |
| 15:36:30 | 20 12.7 | -49 9.5 | 108.9 | 66.3 | 127.5 | 2093 | 47.1 | 2.3 | -0.7* | 778.0 | 70.5 | 23.1 | 16.1 | 14.2 | 14.2 | -23.3 |
| 15:36:30 | 20 15.3 | -49 9.3 | 108.8 | 66.9 | 127.8 | 2078 | 47.3 | 2.3 | -0.7* | 781.5 | 70.5 | 23.0 | 15.8 | 16.8 | 16.8 | -37.5 |
| 15:36:31 | 20 14.0 | -49 8.8 | 109.2 | 66.0 | 127.6 | 2090 | 14.9 | 1.9 | -15.6 | 70.3 | 77.3 | -0.0 | -6.6 | 47.0 | 47.0 | 89.7 |
| 15:36:30 | 20 14.0 | -49 8.8 | 310.3 | 350.5 | 2137 | 2090 | 17.1 | -15.5 | -3.8 | 70.6 | 74.3 | -0.4 | 206.4 | 309.0 | 28.2 | 121.0 |
| 15:37:00 | 20 13.7 | -49 7.6 | 109.1 | 63.0 | 126.0 | 2086 | 47.2 | 2.6 | 0.2* | 777.9 | 68.6 | 22.4 | 15.6 | 14.2 | 14.2 | -23.5 |
| 15:37:00 | 20 16.4 | -49 7.4 | 109.0 | 63.6 | 126.2 | 2073 | 47.4 | 2.5 | -0.0* | 781.3 | 68.6 | 22.3 | 15.3 | 16.7 | 16.7 | -37.5 |
| 15:37:01 | 20 15.0 | -49 6.9 | 109.5 | 62.6 | 126.1 | 2082 | 14.6 | 6.4 | -13.0 | 69.1 | 75.2 | -0.0 | -6.5 | 47.0 | 47.0 | 93.0 |
| 15:37:00 | 20 15.0 | -49 6.9 | 309.8 | 350.1 | 2139 | 2083 | 16.5 | -8.6 | -1.5 | 68.9 | 72.1 | -0.4 | 203.6 | 310.0 | 29.0 | 119.3 |
| 15:37:30 | 20 14.7 | -49 5.8 | 110.5 | 66.0 | 128.7 | 2080 | 45.6 | 2.9 | -3.3 | 777.8 | 66.9 | 22.8 | 16.1 | 13.8 | 13.8 | -24.1 |
| 15:37:30 | 20 17.4 | -49 5.5 | 110.4 | 66.6 | 128.9 | 2065 | 45.8 | 2.9 | -3.4 | 781.2 | 66.9 | 22.5 | 15.6 | 16.3 | 16.3 | -37.5 |
| 15:37:31 | 20 16.0 | -49 5.0 | 110.8 | 65.5 | 128.7 | 2076 | 14.7 | 7.6 | -11.6 | 67.5 | 73.6 | -0.0 | -6.3 | 47.0 | 47.0 | 87.7 |
| 15:37:30 | 20 16.0 | -49 5.0 | 310.3 | 349.8 | 2141 | 2077 | 17.7 | -7.1 | -2.1 | 67.1 | 70.5 | -0.5 | 201.1 | 302.3 | 31.4 | 117.9 |
| 15:38:00 | 20 15.9 | -49 3.8 | 116.6 | 72.7 | 137.3 | 2076 | 45.7 | 1.8 | 1.0* | 776.9 | 76.1 | 23.3 | 15.8 | 14.4 | 14.4 | -23.1 |
| 15:38:00 | 20 18.6 | -49 3.6 | 116.5 | 73.3 | 137.6 | 2061 | 46.0 | 1.8 | 0.9* | 780.8 | 76.2 | 23.1 | 15.3 | 16.8 | 16.8 | -37.5 |
| 15:38:01 | 20 17.2 | -49 3.0 | 116.8 | 72.2 | 137.4 | 2071 | 14.7 | -3.2 | -18.7 | 76.8 | 83.6 | -0.0 | -7.2 | 47.0 | 47.0 | 92.8 |
| 15:38:00 | 20 17.2 | -49 3.1 | 310.0 | 350.9 | 2144 | 2073 | 16.4 | -6.8 | -0.8 | 75.5 | 80.1 | -0.4 | 214.2 | 299.6 | 31.1 | 125.6 |
| 15:38:30 | 20 17.0 | -49 1.8 | 120.8 | 64.9 | 137.1 | 2062 | 51.1 | 1.7 | 0.9* | 777.6 | 75.1 | 23.5 | 16.1 | 15.1 | 15.1 | -26.0 |
| 15:38:30 | 20 19.7 | -49 1.5 | 120.7 | 65.5 | 137.4 | 2045 | 51.4 | 1.8 | 0.8* | 781.3 | 75.1 | 23.4 | 15.8 | 17.6 | 17.6 | -37.5 |
| 15:38:31 | 20 18.3 | -49 1.0 | 121.0 | 64.5 | 137.1 | 2058 | 15.4 | 2.7 | -16.2 | 74.6 | 82.3 | -0.0 | -7.1 | 47.0 | 47.0 | 95.7 |
| 15:38:30 | 20 17.7 | -49 2.1 | 310.3 | 353.3 | 2139 | 2070 | 16.9 | -20.6 | -5.4 | 75.1 | 79.0 | -0.4 | 212.8 | 301.6 | 30.3 | 124.7 |
| 15:39:00 | 20 18.1 | -48 59.7 | 118.4 | 66.2 | 135.7 | 2053 | 49.2 | 1.7 | -0.7 | 777.3 | 74.3 | 23.2 | 15.8 | 15.4 | 15.4 | -23.5 |
| 15:39:00 | 20 20.8 | -48 59.5 | 118.3 | 66.8 | 135.9 | 2038 | 49.4 | 1.6 | -0.8 | 780.9 | 74.3 | 23.1 | 15.5 | 17.8 | 17.8 | -37.5 |
| 15:39:01 | 20 19.3 | -48 58.9 | 118.7 | 65.7 | 135.7 | 2050 | 15.4 | 0.6 | -16.8 | 75.1 | 81.4 | -0.0 | -7.0 | 47.0 | 47.0 | 98.9 |
| 15:39:00 | 20 19.0 | -48 59.6 | 310.1 | 353.7 | 2143 | 2048 | 16.9 | -8.6 | -1.5 | 74.7 | 78.0 | -0.2 | 211.7 | 301.9 | 29.5 | 124.1 |
| 15:39:30 | 20 19.1 | -48 57.7 | 117.8 | 70.2 | 137.1 | 2038 | 45.8 | 2.3 | -0.4* | 777.8 | 69.5 | 23.3 | 16.4 | 15.4 | 15.4 | -24.0 |
| 15:39:30 | 20 21.9 | -48 57.4 | 117.6 | 70.8 | 137.3 | 2024 | 45.9 | 2.4 | -0.5* | 781.2 | 69.5 | 23.5 | 16.4 | 17.9 | 17.9 | -37.5 |
| 15:39:31 | 20 20.4 | -48 56.9 | 118.1 | 69.5 | 137.0 | 2033 | 15.7 | 3.8 | -14.3 | 71.2 | 76.4 | -0.0 | -6.6 | 47.0 | 47.0 | 95.1 |
| 15:39:30 | 20 20.1 | -48 57.4 | 310.7 | 354.4 | 2140 | 2035 | 17.0 | 0.3 | 1.2 | 69.8 | 73.0 | -0.4 | 204.9 | 292.9 | 33.7 | 120.3 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 15:40:00 | 20 20.3 | -48 55.6 | 124.5 | 74.8 | 145.2 | 2031 | 46.0 | 2.6 | 0.1 | 777.3 | 71.8 | 24.5 | 17.3 | 14.1 | 14.1 | -23.2 |
| 15:40:00 | 20 23.1 | -48 55.4 | 124.3 | 75.4 | 145.4 | 2015 | 46.3 | 2.6 | -0.1 | 781.0 | 71.8 | 24.3 | 16.9 | 16.5 | 16.5 | -37.5 |
| 15:40:01 | 20 21.6 | -48 54.8 | 124.8 | 74.2 | 145.1 | 2028 | 15.9 | 2.0 | -14.9 | 72.2 | 78.8 | -0.0 | -6.8 | 47.0 | 47.0 | 82.5 |
| 15:40:00 | 20 21.5 | -48 55.0 | 311.6 | 352.1 | 2142 | 2027 | 20.0 | -8.4 | -2.1 | 71.7 | 75.2 | -0.5 | 208.1 | 286.1 | 38.6 | 122.3 |
| 15:40:30 | 20 21.6 | -48 53.5 | 124.4 | 79.4 | 147.6 | 2020 | 43.9 | 1.6 | 0.4 | 776.9 | 76.3 | 25.6 | 18.0 | 14.0 | 14.0 | -23.4 |
| 15:40:30 | 20 24.3 | -48 53.2 | 124.3 | 80.0 | 147.8 | 2004 | 44.2 | 1.7 | 0.3 | 780.8 | 76.3 | 25.3 | 17.5 | 16.6 | 16.6 | -37.5 |
| 15:40:31 | 20 22.8 | -48 52.6 | 124.7 | 78.8 | 147.5 | 2014 | 16.6 | -1.6 | -18.1 | 76.5 | 83.2 | -0.0 | -7.2 | 47.0 | 47.0 | 78.1 |
| 15:40:30 | 20 22.7 | -48 53.0 | 312.4 | 352.6 | 2145 | 2017 | 19.7 | -7.1 | -0.9 | 76.4 | 80.4 | -0.5 | 214.4 | 287.7 | 39.2 | 126.1 |
| 15:41:00 | 20 22.8 | -48 51.3 | 127.1 | 74.9 | 147.5 | 2006 | 47.2 | 0.9 | -1.2 | 777.2 | 70.8 | 24.8 | 17.7 | 14.3 | 14.3 | -23.6 |
| 15:41:00 | 20 25.6 | -48 51.1 | 127.0 | 75.5 | 147.7 | 1988 | 47.4 | 0.9 | -1.4 | 780.7 | 70.8 | 24.4 | 17.2 | 16.9 | 16.9 | -37.5 |
| 15:41:01 | 20 24.1 | -48 50.5 | 127.3 | 74.2 | 147.4 | 1999 | 16.3 | 2.1 | -14.8 | 71.4 | 77.8 | -0.0 | -6.7 | 47.0 | 47.0 | 81.7 |
| 15:41:00 | 20 24.0 | -48 50.5 | 312.1 | 353.2 | 2145 | 2000 | 17.3 | -4.0 | 0.2 | 71.0 | 74.8 | -0.5 | 206.7 | 281.6 | 38.7 | 121.6 |
| 15:41:30 | 20 24.0 | -48 49.1 | 126.5 | 72.5 | 145.8 | 1989 | 50.0* | 1.9 | 2.0* | 777.8 | 70.4 | 24.6 | 17.5 | 14.8 | 14.8 | -23.8 |
| 15:41:30 | 20 26.8 | -48 48.9 | 126.4 | 73.1 | 146.0 | 1974 | 50.2* | 1.9 | 1.8* | 781.3 | 70.4 | 24.3 | 17.1 | 17.2 | 17.2 | -37.5 |
| 15:41:31 | 20 25.3 | -48 48.3 | 126.7 | 71.8 | 145.6 | 1987 | 15.9 | 5.2 | -13.6 | 69.9 | 77.1 | -0.0 | -6.6 | 47.0 | 47.0 | 85.2 |
| 15:41:30 | 20 24.9 | -48 48.9 | 311.9 | 354.2 | 2139 | 1989 | 17.7 | -13.9 | -3.1 | 70.5 | 74.6 | -0.4 | 206.2 | 281.4 | 35.8 | 121.2 |
| 15:42:00 | 20 25.2 | -48 47.0 | 118.8 | 74.1 | 140.0 | 1991 | 49.4* | 2.5 | -12.3* | 777.6 | 70.4 | 23.9 | 16.9 | 15.4 | 15.4 | -23.0 |
| 15:42:00 | 20 27.9 | -48 46.7 | 118.7 | 74.7 | 140.2 | 1975 | 49.6* | 2.4 | -12.4* | 780.8 | 70.4 | 23.6 | 16.4 | 17.6 | 17.6 | -37.6 |
| 15:42:01 | 20 26.4 | -48 46.1 | 119.2 | 73.2 | 139.9 | 1987 | 16.0 | 2.9 | -14.7 | 70.8 | 77.5 | -0.0 | -6.6 | 47.0 | 47.0 | 91.9 |
| 15:42:00 | 20 26.2 | -48 46.4 | 311.3 | 355.1 | 2144 | 1983 | 17.3 | -9.2 | -1.4 | 70.5 | 74.0 | -0.4 | 206.1 | 280.6 | 27.7 | 121.1 |
| 15:42:30 | 20 26.8 | -48 45.4 | 54.2 | 118.9 | 130.6 | 1983 | 16.1* | 2.3 | -13.9* | 777.8 | 72.2 | 24.6 | 17.4 | 14.8 | 14.8 | -23.6 |
| 15:42:30 | 20 29.6 | -48 45.2 | 53.9 | 119.4 | 131.0 | 1966 | 16.3* | 2.4 | -14.0* | 781.1 | 72.3 | 24.4 | 17.0 | 17.5 | 17.5 | -37.5 |
| 15:42:31 | 20 28.0 | -48 44.6 | 54.3 | 118.1 | 130.0 | 1979 | 16.0 | 0.8 | -16.3 | 72.7 | 79.2 | -0.0 | -6.8 | 47.0 | 47.0 | 85.7 |
| 15:42:30 | 20 28.0 | -48 44.6 | 311.7 | 354.0 | 2141 | 1979 | 23.3 | -6.7 | -0.7 | 72.4 | 75.9 | -0.5 | 208.8 | 267.4 | 20.3 | 122.7 |
| 15:43:00 | 20 28.8 | -48 45.3 | -26.1 | 120.8 | 123.6 | 1977 | 341.4* | 1.7 | 4.2* | 777.1 | 74.2 | 24.9 | 17.5 | 15.3 | 15.3 | -23.3 |
| 15:43:00 | 20 31.6 | -48 45.1 | -26.3 | 121.2 | 124.0 | 1961 | 341.7* | 1.7 | 4.1* | 781.1 | 74.2 | 24.8 | 17.2 | 17.8 | 17.8 | -37.5 |
| 15:43:01 | 20 30.0 | -48 44.5 | -25.8 | 120.1 | 122.8 | 1975 | 16.4 | -0.8 | -15.6 | 76.0 | 81.7 | -0.0 | -7.0 | 47.0 | 47.0 | 87.9 |
| 15:43:00 | 20 30.0 | -48 44.5 | 311.9 | 355.5 | 2141 | 1974 | 17.9 | 9.2 | 5.1 | 74.4 | 78.5 | -0.4 | 211.5 | 258.8 | 11.5 | 124.4 |
| 15:43:30 | 20 30.8 | -48 45.7 | -29.8 | 118.4 | 122.1 | 1972 | 341.7 | 2.6 | -7.2* | 777.8 | 74.4 | 25.2 | 17.8 | 15.6 | 15.6 | -23.3 |
| 15:43:30 | 20 33.6 | -48 45.5 | -30.0 | 118.8 | 122.5 | 1956 | 341.8 | 2.6 | -7.3* | 781.4 | 74.4 | 25.1 | 17.5 | 17.9 | 17.9 | -37.5 |
| 15:43:31 | 20 31.9 | -48 44.9 | -29.7 | 117.6 | 121.3 | 1969 | 16.8 | 0.9 | -16.3 | 75.2 | 81.8 | -0.0 | -7.0 | 47.0 | 47.0 | 88.1 |
| 15:43:30 | 20 31.9 | -48 44.9 | 312.1 | 356.7 | 2138 | 1968 | 18.1 | -7.3 | -0.7 | 74.6 | 78.3 | -0.4 | 211.8 | 268.0 | 9.7 | 124.6 |
| 15:44:00 | 20 32.7 | -48 46.1 | 6.9 | 124.8 | 125.0 | 1973 | 359.6* | 1.8 | -2.4* | 777.3 | 74.3 | 25.4 | 18.0 | 15.8 | 15.8 | -23.3 |
| 15:44:00 | 20 35.5 | -48 45.9 | 6.7 | 125.2 | 125.4 | 1956 | 359.8* | 1.7 | -2.5* | 781.0 | 74.3 | 25.3 | 17.6 | 17.9 | 17.9 | -37.5 |
| 15:44:01 | 20 33.9 | -48 45.2 | 7.3 | 124.0 | 124.2 | 1970 | 16.8 | 1.4 | -15.9 | 74.5 | 81.3 | -0.0 | -7.0 | 47.0 | 47.0 | 88.4 |
| 15:44:00 | 20 33.6* | -48 45.3 | 312.3 | 357.7 | 2142 | 1972 | 18.6 | -11.3 | -2.1 | 74.4 | 77.9 | -0.4 | 211.7 | 268.5 | 9.2 | 124.6 |
| 15:44:30 | 20 34.7 | -48 46.1 | -7.0 | 123.1 | 123.3 | 1965 | 353.6 | 2.6 | -0.2 | 777.8 | 71.9 | 26.2 | 19.0 | 14.2 | 14.2 | -23.7 |
| 15:44:30 | 20 37.5 | -48 45.9 | -7.3 | 123.5 | 123.7 | 1949 | 353.8 | 2.6 | -0.4 | 781.5 | 71.9 | 25.9 | 18.5 | 16.0 | 16.0 | -37.5 |
| 15:44:31 | 20 35.9 | -48 45.3 | -7.0 | 122.3 | 122.5 | 1962 | 17.6 | 2.0 | -13.7 | 72.2 | 78.8 | -0.0 | -6.8 | 47.0 | 47.0 | 74.1 |
| 15:44:30 | 20 35.6* | -48 45.3 | 313.4 | 354.3 | 2138 | 1963 | 21.4 | -8.0 | -3.2 | 72.0 | 75.6 | -0.5 | 208.3 | 260.2 | 7.6 | 122.7 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 15:45:00 | 20 36.7 | -48 46.4 | -25.5 | 119.3 | 122.0 | 1971 | 345.7 | 2.2 | 1.0 | 777.2 | 73.4 | 26.1 | 18.8 | 14.7 | 14.7 | -23.7 |
| 15:45:00 | 20 39.5 | -48 46.2 | -25.7 | 119.6 | 122.4 | 1954 | 345.9 | 2.2 | 0.9 | 780.9 | 73.4 | 25.8 | 18.3 | 16.8 | 16.8 | -37.5 |
| 15:45:01 | 20 37.8 | -48 45.6 | -25.5 | 118.4 | 121.2 | 1965 | 17.5 | -0.1 | -14.2 | 73.8 | 80.3 | -0.0 | -6.9 | 47.0 | 47.0 | 78.0 |
| 15:45:00 | 20 37.5* | -48 45.5 | 313.2 | 355.6 | 2143 | 1968 | 24.9 | -5.9 | -2.0 | 73.5 | 77.2 | -0.5 | 210.4 | 276.7 | 5.6 | 124.0 |
| 15:45:30 | 20 38.7 | -48 46.5 | 17.9 | 122.8 | 124.1 | 1966 | 6.7 | 2.1 | 4.2 | 777.3 | 74.2 | 26.6 | 19.2 | 13.9 | 13.9 | -23.5 |
| 15:45:30 | 20 41.5 | -48 46.3 | 17.7 | 123.2 | 124.5 | 1950 | 6.9 | 2.1 | 4.0 | 781.2 | 74.2 | 26.3 | 18.7 | 15.9 | 15.9 | -37.5 |
| 15:45:31 | 20 39.8 | -48 45.7 | 18.1 | 121.9 | 123.2 | 1963 | 17.8 | -0.1 | -14.5 | 74.5 | 81.2 | -0.0 | -7.0 | 47.0 | 47.0 | 71.9 |
| 15:45:30 | 20 39.8 | -48 45.7 | 313.6 | 353.7 | 2140 | 1963 | 23.7 | -6.0 | -1.9 | 74.3 | 78.0 | -0.5 | 211.5 | 284.4 | 4.0 | 124.6 |
| 15:46:00 | 20 40.6 | -48 46.2 | 22.2 | 121.8 | 123.8 | 1966 | 9.8 | 2.1 | 1.1 | 777.3 | 73.8 | 26.4 | 19.0 | 16.1 | 16.1 | -23.6 |
| 15:46:00 | 20 43.5 | -48 46.0 | 22.0 | 122.2 | 124.1 | 1949 | 10.1 | 2.1 | 0.9 | 781.1 | 73.8 | 26.1 | 18.5 | 18.3 | 18.3 | -37.6 |
| 15:46:01 | 20 41.8 | -48 45.3 | 22.2 | 120.8 | 122.9 | 1962 | 17.6 | -0.2 | -14.3 | 74.3 | 80.8 | -0.0 | -6.9 | 47.0 | 47.0 | 84.4 |
| 15:46:00 | 20 41.7 | -48 45.3 | 313.4 | 359.8 | 2141 | 1962 | 22.7 | -4.7 | -1.4 | 73.9 | 77.7 | -0.5 | 211.0 | 306.4 | 1.4 | 124.4 |
| 15:46:30 | 20 42.6 | -48 45.8 | 19.0 | 122.3 | 123.7 | 1959 | 9.3 | 2.4 | 0.5 | 777.6 | 74.8 | 26.5 | 19.0 | 16.2 | 16.2 | -23.7 |
| 15:46:30 | 20 45.5 | -48 45.6 | 18.8 | 122.7 | 124.1 | 1944 | 9.6 | 2.4 | 0.4 | 781.4 | 74.9 | 26.2 | 18.5 | 18.8 | 18.8 | -37.5 |
| 15:46:31 | 20 43.7 | -48 45.0 | 19.0 | 121.4 | 122.8 | 1956 | 17.6 | 0.2 | -15.8 | 74.9 | 81.9 | -0.0 | -7.0 | 47.0 | 47.0 | 84.6 |
| 15:46:30 | 20 43.7 | -48 45.0 | 313.5 | 360.1 | 2138 | 1959 | 21.8 | -11.0 | -2.7 | 75.0 | 78.7 | -0.5 | 212.5 | 357.7 | 1.5 | 125.2 |
| 15:47:00 | 20 44.6 | -48 45.5 | 18.3 | 119.8 | 121.2 | 1964 | 9.7 | 2.7 | 1.2* | 777.5 | 72.0 | 26.6 | 19.4 | 16.0 | 16.0 | -23.4 |
| 15:47:00 | 20 47.4 | -48 45.3 | 18.1 | 120.2 | 121.6 | 1947 | 10.0 | 2.6 | 1.1* | 781.2 | 72.1 | 26.4 | 18.9 | 18.5 | 18.5 | -37.6 |
| 15:47:01 | 20 45.7 | -48 44.6 | 18.3 | 118.9 | 120.3 | 1961 | 18.1 | 1.3 | -14.3 | 72.3 | 78.9 | -0.0 | -6.8 | 47.0 | 47.0 | 81.7 |
| 15:47:00 | 20 45.7 | -48 44.6 | 313.9 | 360.1 | 2141 | 1960 | 23.6 | -7.4 | -2.4 | 72.2 | 75.8 | -0.5 | 208.5 | 49.5 | 2.3 | 123.0 |
| 15:47:30 | 20 46.5 | -48 45.0 | 57.1 | 104.3 | 118.9 | 1970 | 31.7* | 2.2 | 25.0* | 776.3 | 71.2 | 25.8 | 18.6 | 15.8 | 15.8 | 26.5 |
| 15:47:30 | 20 49.4 | -48 44.9 | 57.0 | 104.8 | 119.3 | 1953 | 31.9* | 2.3 | 24.8* | 780.5 | 71.3 | 25.5 | 18.2 | 18.4 | 18.4 | 26.6 |
| 15:47:31 | 20 47.6 | -48 44.2 | 57.0 | 103.5 | 118.2 | 1963 | 17.7 | 7.9 | -12.1 | 71.4 | 78.3 | -0.0 | -6.7 | 47.0 | 47.0 | 84.5 |
| 15:47:30 | 20 47.6 | -48 44.2 | 313.1 | 358.6 | 2147 | 1965 | 24.7 | -9.8 | -2.9 | 71.4 | 75.5 | -0.5 | 207.4 | 78.7 | 5.0 | 122.2 |
| 15:48:00 | 20 47.7 | -48 43.5 | 103.0 | 57.2 | 117.8 | 1959 | 63.0 | 2.5 | -1.9* | 777.8 | 71.1 | 26.6 | 19.5 | 14.4 | 14.4 | 26.3 |
| 15:48:00 | 20 50.5 | -48 43.3 | 102.9 | 57.7 | 118.0 | 1941 | 63.3 | 2.5 | -2.1* | 781.4 | 71.1 | 26.3 | 19.0 | 16.9 | 16.9 | 26.4 |
| 15:48:01 | 20 48.7 | -48 42.6 | 103.0 | 56.2 | 117.3 | 1951 | 18.2 | 2.0 | -13.2 | 71.2 | 78.0 | -0.0 | -6.7 | 47.0 | 47.0 | 73.2 |
| 15:48:00 | 20 48.6 | -48 42.9 | 313.9 | 355.6 | 2138 | 1953 | 25.0 | -10.5 | -3.5 | 71.2 | 74.8 | -0.5 | 207.2 | 96.6 | 5.4 | 122.2 |
| 15:48:30 | 20 48.6 | -48 41.7 | 100.3 | 52.9 | 113.4 | 2041 | 65.2 | 4.2 | -1.7 | 770.4 | 65.8 | 25.4 | 18.7 | 14.7 | 14.7 | 23.2 |
| 15:48:30 | 20 51.4 | -48 41.5 | 100.2 | 53.4 | 113.5 | 2026 | 65.4 | 4.2 | -1.7 | 773.7 | 65.9 | 25.1 | 18.2 | 17.1 | 17.1 | 23.3 |
| 15:48:31 | 20 49.6 | -48 40.9 | 100.3 | 51.8 | 112.9 | 2043 | 17.4 | 5.8 | -10.3 | 66.1 | 72.7 | -0.0 | -6.3 | 47.0 | 47.0 | 78.2 |
| 15:48:30 | 20 49.6 | -48 40.9 | 314.0 | 356.8 | 2218 | 2039 | 24.6 | -12.2 | -4.1 | 66.0 | 69.4 | -0.5 | 199.6 | 106.7 | 6.4 | 118.1 |
| 15:49:00 | 20 49.5 | -48 40.0 | 96.6 | 67.2 | 117.7 | 2119 | 58.8 | 2.4 | -0.2 | 763.0 | 70.3 | 26.1 | 18.9 | 13.9 | 13.9 | 21.6 |
| 15:49:00 | 20 52.4 | -48 39.8 | 96.5 | 67.7 | 117.9 | 2105 | 59.0 | 2.3 | -0.4 | 766.6 | 70.4 | 25.8 | 18.4 | 16.2 | 16.2 | 21.7 |
| 15:49:01 | 20 50.6 | -48 39.2 | 96.5 | 66.1 | 117.0 | 2124 | 17.7 | -0.9 | -14.0 | 71.0 | 77.2 | -0.0 | -6.8 | 47.0 | 47.0 | 73.1 |
| 15:49:00 | 20 50.6 | -48 39.2 | 315.0 | 356.2 | 2291 | 2118 | 24.3 | -4.0 | -1.3 | 70.5 | 74.1 | -0.5 | 206.1 | 114.4 | 9.0 | 122.6 |
| 15:49:30 | 20 50.7 | -48 38.3 | 103.0 | 67.6 | 123.2 | 2122 | 61.8 | 1.4 | 2.1 | 762.6 | 77.8 | 26.7 | 18.8 | 14.0 | 14.0 | 19.5 |
| 15:49:30 | 20 53.6 | -48 38.1 | 102.9 | 68.1 | 123.4 | 2107 | 62.0 | 1.4 | 2.0 | 766.6 | 77.8 | 26.4 | 18.3 | 16.3 | 16.3 | 19.6 |
| 15:49:31 | 20 51.7 | -48 37.5 | 102.9 | 66.6 | 122.6 | 2123 | 17.5 | -3.1 | -16.4 | 77.6 | 84.8 | -0.0 | -7.4 | 47.0 | 47.0 | 74.3 |
| 15:49:30 | 20 51.7 | -48 37.5 | 314.9 | 356.3 | 2292 | 2121 | 22.8 | -11.6 | -3.7 | 77.8 | 81.9 | -0.5 | 216.5 | 119.8 | 11.1 | 128.6 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 15:50:00 | 20 51.7 | -48 36.5 | 101.3 | 61.4 | 118.5 | 2115 | 64.3 | 2.3 | 0.3 | 763.4 | 72.7 | 27.4 | 19.9 | 12.9 | 12.9 | 17.7 |
| 15:50:00 | 20 54.6 | -48 36.3 | 101.3 | 61.9 | 118.7 | 2099 | 64.6 | 2.3 | 0.2 | 767.0 | 72.7 | 27.1 | 19.4 | 15.5 | 15.5 | 17.8 |
| 15:50:01 | 20 52.7 | -48 35.7 | 101.3 | 60.4 | 117.9 | 2114 | 18.7 | 1.9 | -13.2 | 72.3 | 79.5 | -0.0 | -7.0 | 47.0 | 47.0 | 64.4 |
| 15:50:00 | 20 52.6 | -48 35.9 | 316.1 | 355.0 | 2287 | 2115 | 22.1 | -12.9 | -4.3 | 72.8 | 76.5 | -0.5 | 209.4 | 119.7 | 11.8 | 124.7 |
| 15:50:30 | 20 52.7 | -48 34.8 | 97.7 | 56.0 | 112.6 | 2115 | 66.5 | 2.8 | -0.5 | 763.6 | 65.4 | 27.0 | 20.2 | 11.6 | 11.6 | 16.4 |
| 15:50:30 | 20 55.6 | -48 34.6 | 97.7 | 56.5 | 112.9 | 2100 | 66.7 | 2.9 | -0.6 | 767.0 | 65.5 | 26.7

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 15:55:00 | 21 1.2* | -48 19.4* | 97.1 | 57.8 | 113.0* | 2170* | 81.8* | 1.7* | 1.6* | 763.6* | 77.7 | 22.8* | 15.0* | 13.8* | 13.8* | 8.8 |
| 15:55:00 | 21 4.2* | -48 19.2* | 97.1 | 58.4 | 113.3 | 2157* | 82.0* | 1.6* | 1.4* | 767.7* | 77.7 | 22.2* | 14.2* | 16.7* | 16.7* | 9.1 |
| 15:55:01 | 21 2.0* | -48 18.6* | 96.9 | 56.6 | 112.2 | 2174* | 14.6 | -5.2 | -19.9 | 79.1 | 85.3 | -0.0* | -7.4* | 47.0* | 47.0* | 93.5 |
| 15:55:00 | 21 2.0* | -48 18.6* | 310.8 | 350.9 | 2280* | 2168* | 16.4 | -3.6 | -0.0 | 76.9 | 81.7 | -0.4 | 216.4 | 143.6 | 49.3 | 127.7 |
| 15:55:30 | 21 2.2 | -48 17.7 | 96.3 | 56.1 | 111.4 | 2204 | 82.2 | 1.5 | 2.0 | 761.9 | 71.8 | 22.0 | 14.8 | 14.2 | 14.2 | 8.3 |
| 15:55:30 | 21 5.2 | -48 17.5 | 96.2 | 56.7 | 111.7 | 2190 | 82.4 | 1.6 | 1.9 | 765.6 | 71.9 | 21.9 | 14.5 | 17.1 | 17.1 | 8.4 |
| 15:55:31 | 21 3.0 | -48 16.9 | 96.0 | 54.9 | 110.5 | 2208 | 14.3 | -1.6 | -17.5 | 73.4 | 78.7 | -0.0 | -6.9 | 47.0 | 47.0 | 97.7 |
| 15:55:30 | 21 2.9 | -48 16.9 | 310.7 | 352.0 | 2302 | 2201 | 15.8 | -1.5 | 0.7 | 72.2 | 76.0 | -0.4 | 208.3 | 147.2 | 47.4 | 123.0 |
| 15:56:00 | 21 3.1 | -48 16.0 | 97.6 | 57.3 | 113.2 | 2212 | 82.5* | 1.2 | 1.1* | 762.5 | 73.7 | 23.0 | 15.5 | 14.9 | 14.9 | 6.4 |
| 15:56:00 | 21 6.1 | -48 15.8 | 97.6 | 57.9 | 113.5 | 2197 | 82.8 | 1.2 | 1.0* | 766.4 | 73.7 | 22.9 | 15.2 | 17.6 | 17.6 | 6.6 |
| 15:56:01 | 21 3.9 | -48 15.2 | 97.3 | 56.2 | 112.4 | 2213 | 15.1 | -10.0 | -21.0 | 74.6 | 80.7 | -0.0 | -7.1 | 47.0 | 47.0 | 97.4 |
| 15:56:00 | 21 3.8 | -48 15.2 | 311.4 | 354.8 | 2293 | 2208 | 16.4 | -11.5 | -2.6 | 73.8 | 77.3 | -0.3 | 210.9 | 147.0 | 47.3 | 124.7 |
| 15:56:30 | 21 4.0 | -48 14.3 | 96.8 | 53.9 | 110.9 | 2175 | 83.8* | 1.1 | -0.4* | 766.7 | 71.3 | 22.6 | 15.4 | 15.0 | 15.0 | -23.6 |
| 15:56:30 | 21 7.0 | -48 14.1 | 96.8 | 54.6 | 111.1 | 2159 | 84.0* | 1.1 | -0.5* | 770.3 | 71.3 | 22.2 | 14.8 | 17.8 | 17.8 | -37.6 |
| 15:56:31 | 21 4.7 | -48 13.5 | 96.5 | 52.7 | 109.9 | 2176 | 15.0 | 0.4 | -16.6 | 71.8 | 78.3 | -0.0 | -6.8 | 47.0 | 47.0 | 98.8 |
| 15:56:30 | 21 4.6 | -48 13.7 | 310.9 | 354.2 | 2253 | 2174 | 16.6 | -10.2 | -2.2 | 71.6 | 74.7 | -0.4 | 207.5 | 148.0 | 46.5 | 122.4 |
| 15:57:00 | 21 4.9 | -48 12.6 | 94.4 | 54.4 | 109.0 | 2140 | 80.9 | 2.3* | -3.7* | 770.5 | 70.0 | 22.4 | 15.4 | 14.8 | 14.8 | -23.5 |
| 15:57:00 | 21 7.9 | -48 12.4 | 94.4 | 55.0 | 109.2 | 2128 | 81.0 | 2.3* | -3.9* | 774.0 | 70.0 | 22.2 | 15.0 | 17.4 | 17.4 | -37.6 |
| 15:57:01 | 21 5.6 | -48 11.8 | 94.1 | 53.2 | 108.1 | 2141 | 15.0 | 1.8 | -15.8 | 71.6 | 77.0 | -0.0 | -6.7 | 47.0 | 47.0 | 97.6 |
| 15:57:00 | 21 5.5 | -48 12.0 | 310.4 | 352.7 | 2214 | 2137 | 16.6 | 1.8 | 1.6 | 69.9 | 73.6 | -0.4 | 205.6 | 145.4 | 44.3 | 121.0 |
| 15:57:30 | 21 5.7 | -48 10.9 | 98.1 | 52.0 | 111.0 | 2156 | 82.9* | -0.2 | 1.3* | 769.8 | 80.0 | 22.8 | 14.9 | 14.3 | 14.3 | -23.5 |
| 15:57:30 | 21 8.8 | -48 10.7 | 98.1 | 52.6 | 111.3 | 2140 | 83.1* | -0.2 | 1.2* | 774.0 | 80.1 | 22.6 | 14.4 | 16.9 | 16.9 | -37.6 |
| 15:57:31 | 21 6.4 | -48 10.1 | 97.8 | 51.1 | 110.3 | 2154 | 14.3 | -7.7 | -20.6 | 80.7 | 87.1 | -0.0 | -7.6 | 47.0 | 47.0 | 97.8 |
| 15:57:30 | 21 6.4 | -48 10.1 | 309.9 | 350.9 | 2215 | 2154 | 16.1 | -7.4 | -0.9 | 79.2 | 84.8 | -0.4 | 219.5 | 140.0 | 46.4 | 129.0 |
| 15:58:00 | 21 6.6 | -48 9.2 | 89.7 | 56.2 | 105.9 | 2185 | 78.5* | 2.2* | -1.8 | 768.1 | 73.3 | 22.3 | 14.9 | 12.7 | 12.7 | -22.8 |
| 15:58:00 | 21 9.6 | -48 9.0 | 89.7 | 56.8 | 106.2 | 2173 | 78.7* | 2.2* | -1.9 | 772.0 | 73.3 | 22.0 | 14.5 | 15.6 | 15.6 | -37.6 |
| 15:58:01 | 21 7.3 | -48 8.4 | 89.3 | 55.1 | 104.9 | 2184 | 13.9 | -3.5 | -18.8 | 75.1 | 80.7 | -0.0 | -7.0 | 47.0 | 47.0 | 87.9 |
| 15:58:00 | 21 7.3 | -48 8.5 | 310.1 | 347.3 | 2235 | 2183 | 16.6 | 2.5 | 1.7 | 72.8 | 78.0 | -0.4 | 210.3 | 135.9 | 45.6 | 123.7 |
| 15:58:30 | 21 7.5 | -48 7.6 | 88.6 | 53.5 | 103.5 | 2133 | 80.2 | 1.9 | -0.3* | 773.6 | 70.7 | 22.2 | 15.1 | 11.8 | 11.8 | -22.9 |
| 15:58:30 | 21 10.6 | -48 7.4 | 88.6 | 54.1 | 103.8 | 2120 | 80.4 | 1.9 | -0.4* | 777.4 | 70.8 | 21.0 | 13.8 | 14.5 | 14.5 | -37.6 |
| 15:58:31 | 21 8.2 | -48 6.8 | 88.2 | 52.4 | 102.5 | 2133 | 13.9 | -2.0 | -17.7 | 71.7 | 78.0 | -0.0 | -6.7 | 47.0 | 47.0 | 81.5 |
| 15:58:30 | 21 8.2 | -48 6.8 | 309.8 | 344.5 | 2179 | 2133 | 14.9 | -7.7 | -1.3 | 71.0 | 74.5 | -0.3 | 206.7 | 136.3 | 44.5 | 121.2 |
| 15:59:00 | 21 8.4 | -48 6.0 | 94.5 | 53.4 | 108.6 | 2131 | 82.3 | 3.1 | 1.6 | 774.3 | 73.4 | 21.8 | 14.5 | 12.0 | 12.0 | -23.0 |
| 15:59:00 | 21 11.5 | -48 5.8 | 94.5 | 54.0 | 108.9 | 2120 | 82.4 | 3.1 | 1.4 | 778.3 | 73.4 | 21.6 | 14.1 | 14.6 | 14.6 | -37.6 |
| 15:59:01 | 21 9.1 | -48 5.2 | 94.2 | 52.3 | 107.7 | 2134 | 13.5 | -3.5 | -19.3 | 74.3 | 80.7 | -0.0 | -6.9 | 47.0 | 47.0 | 86.1 |
| 15:59:00 | 21 9.1 | -48 5.3 | 309.0 | 344.0 | 2170 | 2131 | 17.3 | -9.4 | -1.8 | 73.3 | 77.4 | -0.4 | 210.4 | 142.7 | 45.0 | 123.2 |
| 15:59:30 | 21 9.3 | -48 4.3 | 100.6 | 56.4 | 115.4 | 2125 | 81.0 | 1.2 | -1.0* | 775.5 | 80.5 | 22.2 | 14.3 | 11.5 | 11.5 | -22.9 |
| 15:59:30 | 21 12.3 | -48 4.1 | 100.6 | 57.1 | 115.7 | 2114 | 81.2 | 1.2 | -1.1* | 779.8 | 80.5 | 22.1 | 14.0 | 14.2 | 14.2 | -37.6 |
| 15:59:31 | 21 9.9 | -48 3.6 | 100.3 | 55.4 | 114.6 | 2125 | 13.2 | -5.5 | -20.2 | 81.0 | 88.0 | -0.0 | -7.5 | 47.0 | 47.0 | 84.6 |
| 15:59:30 | 21 9.9 | -48 3.6 | 308.6 | 342.3 | 2154 | 2124 | 19.7 | -8.3 | -1.0 | 76.9 | 84.8 | -0.5 | 220.1 | 143.5 | 44.2 | 128.6 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:00:00 | 21 10.2 | -48 2.6 | 96.2 | 55.2 | 110.9 | 2127 | 80.3 | 1.7 | -1.4 | 776.0 | 74.5 | 21.4 | 14.0 | 12.4 | 12.4 | -22.8 |
| 16:00:00 | 21 13.3 | -48 2.5 | 96.2 | 55.8 | 111.2 | 2115 | 80.5 | 1.7 | -1.5 | 780.1 | 74.5 | 21.2 | 13.7 | 15.1 | 15.1 | -37.6 |
| 16:00:01 | 21 10.8 | -48 1.9 | 95.8 | 54.2 | 110.1 | 2129 | 13.2 | -2.6 | -18.4 | 75.1 | 81.8 | -0.0 | -7.0 | 47.0 | 47.0 | 91.5 |
| 16:00:00 | 21 10.8 | -48 1.9 | 308.2 | 344.0 | 2152 | 2127 | 18.1 | -9.1 | -1.4 | 71.7 | 78.6 | -0.4 | 211.9 | 142.4 | 42.2 | 123.8 |
| 16:00:30 | 21 11.1 | -48 1.0 | 98.5 | 52.6 | 111.7 | 2132 | 80.8 | 1.2 | -0.7 | 776.1 | 73.5 | 21.0 | 13.7 | 12.6 | 12.6 | -22.7 |
| 16:00:30 | 21 14.2 | -48 0.8 | 98.6 | 53.3 | 112.0 | 2119 | 81.0 | 1.2* | -0.8 | 780.0 | 73.5 | 20.9 | 13.4 | 15.2 | 15.2 | -37.6 |
| 16:00:31 | 21 11.7 | -48 0.2 | 98.2 | 51.6 | 110.9 | 2132 | 13.0 | -3.2 | -18.4 | 74.5 | 80.8 | -0.0 | -6.9 | 47.0 | 47.0 | 94.4 |
| 16:00:30 | 21 11.7 | -48 0.2 | 307.9 | 344.1 | 2152 | 2131 | 17.5 | -4.3 | -0.1 | 70.9 | 77.5 | -0.4 | 210.6 | 145.2 | 40.1 | 123.0 |
| 16:01:00 | 21 12.0 | -47 59.2 | 102.0 | 55.9 | 116.3 | 2118 | 81.1 | 2.0 | 3.0* | 777.5 | 79.2 | 22.0 | 14.2 | 12.5 | 12.5 | -23.8 |
| 16:01:00 | 21 15.1 | -47 59.0 | 102.1 | 56.6 | 116.7 | 2105 | 81.2 | 2.0 | 2.8* | 781.8 | 79.2 | 21.9 | 13.9 | 15.1 | 15.1 | -37.6 |
| 16:01:01 | 21 12.6 | -47 58.5 | 101.7 | 54.9 | 115.6 | 2119 | 13.3 | 3.3 | -16.2 | 79.6 | 86.9 | -0.0 | -7.4 | 47.0 | 47.0 | 91.0 |
| 16:01:00 | 21 12.6 | -47 58.5 | 308.3 | 344.2 | 2134 | 2117 | 15.8 | -9.8 | -1.6 | 76.2 | 83.5 | -0.4 | 218.3 | 145.9 | 42.3 | 127.5 |
| 16:01:30 | 21 12.9 | -47 57.5 | 95.7 | 54.1 | 109.9 | 2154 | 79.0* | 2.9 | 2.1* | 774.7 | 70.8 | 22.0 | 14.9 | 12.6 | 12.6 | -23.2 |
| 16:01:30 | 21 16.0 | -47 57.3 | 95.8 | 54.8 | 110.3 | 2144 | 79.2* | 2.9 | 2.0* | 778.8 | 70.9 | 21.7 | 14.5 | 15.1 | 15.1 | -37.6 |
| 16:01:31 | 21 13.5 | -47 56.8 | 95.3 | 53.1 | 109.1 | 2155 | 13.9 | 0.8 | -17.1 | 71.7 | 78.4 | -0.0 | -6.7 | 47.0 | 47.0 | 87.0 |
| 16:01:30 | 21 13.5 | -47 56.8 | 309.4 | 345.7 | 2165 | 2154 | 16.2 | -8.6 | -1.6 | 69.2 | 74.6 | -0.4 | 206.8 | 142.6 | 37.8 | 121.2 |
| 16:02:00 | 21 13.8 | -47 55.9 | 92.1 | 47.0 | 103.4 | 2125 | 81.0* | 2.6 | -3.1 | 777.6 | 72.9 | 21.7 | 14.5 | 12.3 | 12.3 | -22.9 |
| 16:02:00 | 21 16.9 | -47 55.7 | 92.2 | 47.7 | 103.8 | 2114 | 81.2* | 2.6 | -3.2 | 781.6 | 72.9 | 21.6 | 14.2 | 14.8 | 14.8 | -37.6 |
| 16:02:01 | 21 14.3 | -47 55.1 | 91.8 | 45.9 | 102.6 | 2125 | 13.5 | 6.5 | -14.7 | 74.4 | 80.3 | -0.0 | -6.9 | 47.0 | 47.0 | 88.1 |
| 16:02:00 | 21 14.3 | -47 55.2 | 308.6 | 344.0 | 2136 | 2126 | 16.5 | -0.4 | 1.0 | 70.2 | 77.4 | -0.4 | 209.7 | 134.6 | 40.8 | 122.6 |
| 16:02:30 | 21 14.6 | -47 54.3 | 94.5 | 56.7 | 110.2 | 2114 | 78.5 | 2.4 | 1.3* | 779.2 | 73.2 | 21.6 | 14.4 | 12.7 | 12.7 | -23.4 |
| 16:02:30 | 21 17.8 | -47 54.1 | 94.5 | 57.4 | 110.6 | 2102 | 78.7 | 2.4 | 1.2* | 783.3 | 73.2 | 21.4 | 14.0 | 15.1 | 15.1 | -37.6 |
| 16:02:31 | 21 15.2 | -47 53.5 | 94.0 | 55.9 | 109.4 | 2113 | 13.5 | -4.8 | -18.6 | 74.3 | 80.5 | -0.0 | -6.9 | 47.0 | 47.0 | 91.1 |
| 16:02:30 | 21 15.2 | -47 53.5 | 308.3 | 344.6 | 2119 | 2113 | 15.2 | -6.3 | -0.7 | 70.6 | 76.9 | -0.4 | 210.1 | 141.2 | 40.7 | 122.6 |
| 16:03:00 | 21 15.5 | -47 52.6 | 92.3 | 54.4 | 107.2 | 2127 | 80.4* | 3.7 | 1.8 | 778.1 | 73.7 | 21.3 | 14.1 | 13.0 | 13.0 | -22.8 |
| 16:03:00 | 21 18.7 | -47 52.4 | 92.4 | 55.2 | 107.6 | 2116 | 80.6* | 3.6 | 1.6 | 782.2 | 73.7 | 21.2 | 13.7 | 15.5 | 15.5 | -37.6 |
| 16:03:01 | 21 16.1 | -47 51.9 | 91.9 | 53.6 | 106.4 | 2127 | 13.3 | 4.7 | -15.6 | 74.5 | 81.3 | -0.0 | -6.9 | 47.0 | 47.0 | 95.0 |
| 16:03:00 | 21 16.1 | -47 51.9 | 308.0 | 345.1 | 2130 | 2126 | 15.2 | -8.4 | -1.0 | 71.1 | 77.7 | -0.4 | 210.9 | 139.0 | 43.8 | 123.1 |
| 16:03:30 | 21 16.4 | -47 51.0 | 98.2 | 53.1 | 111.7 | 2139 | 81.3 | 1.6* | 1.2 | 777.4 | 79.1 | 22.0 | 14.2 | 13.2 | 13.2 | -23.5 |
| 16:03:30 | 21 19.6 | -47 50.8 | 98.3 | 53.9 | 112.1 | 2126 | 81.5 | 1.7 | 1.1 | 781.7 | 79.1 | 21.9 | 13.9 | 15.6 | 15.6 | -37.6 |
| 16:03:31 | 21 16.9 | -47 50.2 | 97.8 | 52.3 | 110.9 | 2138 | 13.4 | -0.3 | -16.9 | 79.3 | 86.4 | -0.0 | -7.4 | 47.0 | 47.0 | 94.9 |
| 16:03:30 | 21 16.9 | -47 50.3 | 308.3 | 345.8 | 2135 | 2138 | 14.8 | -14.7 | -3.2 | 75.6 | 83.1 | -0.4 | 218.3 | 139.3 | 42.1 | 127.5 |
| 16:04:00 | 21 17.3 | -47 49.3 | 99.5 | 61.0 | 116.7 | 2127 | 76.2 | 1.3 | 0.4 | 778.6 | 79.5 | 22.6 | 14.8 | 11.2 | 11.2 | -22.7 |
| 16:04:00 | 21 20.5 | -47 49.1 | 99.6 | 61.8 | 117.2 | 2116 | 76.4 | 1.2 | 0.3 | 783.2 | 79.5 | 22.5 | 14.5 | 13.9 | 13.9 | -37.6 |
| 16:04:01 | 21 17.8 | -47 48.6 | 99.1 | 60.3 | 116.0 | 2126 | 13.6 | -8.5 | -19.6 | 81.1 | 87.1 | -0.0 | -7.4 | 47.0 | 47.0 | 79.9 |
| 16:04:00 | 21 17.8 | -47 48.6 | 308.8 | 341.7 | 2120 | 2127 | 15.9 | 3.9 | 2.3 | 74.9 | 83.8 | -0.4 | 218.8 | 142.1 | 40.5 | 127.7 |
| 16:04:30 | 21 18.3 | -47 47.6 | 94.5 | 58.1 | 110.9 | 2132 | 78.1 | 2.5 | 1.3 | 778.8 | 72.6 | 22.3 | 15.1 | 11.2 | 11.2 | -22.8 |
| 16:04:30 | 21 21.5 | -47 47.4 | 94.5 | 58.9 | 111.4 | 2121 | 78.3 | 2.5 | 1.2 | 782.9 | 72.7 | 22.1 | 14.7 | 14.0 | 14.0 | -37.6 |
| 16:04:31 | 21 18.8 | -47 46.8 | 94.1 | 57.3 | 110.1 | 2131 | 13.8 | 1.8 | -16.0 | 72.8 | 79.4 | -0.0 | -6.8 | 47.0 | 47.0 | 78.3 |
| 16:04:30 | 21 18.7 | -47 46.9 | 309.1 | 342.0 | 2123 | 2131 | 16.1 | -7.1 | -1.0 | 71.2 | 76.6 | -0.5 | 209.4 | 142.1 | 40.8 | 122.3 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:05:00 | 21 19.1 | -47 45.9 | 93.0 | 54.8 | 107.9 | 2134 | 78.5 | 2.7 | 1.6 | 779.1 | 69.1 | 21.5 | 14.6 | 12.7 | 12.7 | -23.0 |
| 16:05:00 | 21 22.4 | -47 45.7 | 93.1 | 55.6 | 108.4 | 2121 | 78.6 | 2.7 | 1.4 | 783.0 | 69.1 | 21.2 | 14.2 | 15.1 | 15.1 | -37.6 |
| 16:05:01 | 21 19.6 | -47 45.2 | 92.6 | 54.0 | 107.2 | 2135 | 13.3 | 1.8 | -15.6 | 70.1 | 75.8 | -0.0 | -6.5 | 47.0 | 47.0 | 89.0 |
| 16:05:00 | 21 19.6 | -47 45.3 | 308.6 | 344.8 | 2122 | 2133 | 15.3 | 0.4 | 1.2 | 67.0 | 72.9 | -0.4 | 204.3 | 142.9 | 39.9 | 119.3 |
| 16:05:30 | 21 20.0 | -47 44.3 | 97.9 | 60.0 | 114.8 | 2146 | 76.8 | 1.7 | -1.6* | 778.2 | 75.6 | 22.1 | 14.6 | 11.6 | 11.6 | -23.5 |
| 16:05:30 | 21 23.3 | -47 44.1 | 98.0 | 60.8 | 115.4 | 2134 | 77.0 | 1.8 | -1.7 | 782.5 | 75.6 | 21.8 | 14.2 | 14.5 | 14.5 | -37.6 |
| 16:05:31 | 21 20.5 | -47 43.6 | 97.6 | 59.3 | 114.2 | 2147 | 13.4 | -5.0 | -17.2 | 76.4 | 82.6 | -0.0 | -7.1 | 47.0 | 47.0 | 83.4 |
| 16:05:30 | 21 20.5 | -47 43.6 | 308.6 | 342.5 | 2127 | 2144 | 22.9 | 0.4 | 1.0 | 71.0 | 79.6 | -0.5 | 213.5 | 143.9 | 40.0 | 124.7 |
| 16:06:00 | 21 21.1 | -47 42.6 | 100.7 | 62.5 | 118.5 | 2150 | 76.8 | 1.9 | 0.9 | 778.4 | 77.8 | 21.9 | 14.2 | 12.4 | 12.4 | -23.1 |
| 16:06:00 | 21 24.3 | -47 42.4 | 100.8 | 63.3 | 119.1 | 2137 | 77.1 | 1.9 | 0.8 | 782.7 | 77.8 | 21.7 | 13.8 | 15.1 | 15.1 | -37.6 |
| 16:06:01 | 21 21.5 | -47 41.9 | 100.3 | 61.9 | 117.9 | 2147 | 13.0 | -4.7 | -16.9 | 77.9 | 84.7 | -0.0 | -7.3 | 47.0 | 47.0 | 90.3 |
| 16:06:00 | 21 21.5 | -47 41.9 | 308.2 | 343.8 | 2124 | 2146 | 21.3 | -7.1 | -0.5 | 73.2 | 82.1 | -0.5 | 216.5 | 146.3 | 39.9 | 126.3 |
| 16:06:30 | 21 22.1 | -47 40.8 | 102.0 | 58.3 | 117.5 | 2122 | 78.9 | 2.0 | -1.2* | 781.1 | 78.9 | 22.2 | 14.4 | 13.0 | 13.0 | -22.9 |
| 16:06:30 | 21 25.3 | -47 40.6 | 102.1 | 59.2 | 118.0 | 2109 | 79.1 | 2.0 | -1.3* | 785.5 | 79.0 | 22.0 | 14.0 | 15.4 | 15.4 | -37.6 |
| 16:06:31 | 21 22.5 | -47 40.1 | 101.7 | 57.9 | 117.0 | 2122 | 13.0 | -7.2 | -18.0 | 78.6 | 85.9 | -0.0 | -7.4 | 47.0 | 47.0 | 92.3 |
| 16:06:30 | 21 22.5 | -47 40.1 | 308.1 | 344.9 | 2096 | 2120 | 14.8 | -12.8 | -2.8 | 76.5 | 82.8 | -0.4 | 218.0 | 145.3 | 39.2 | 127.1 |
| 16:07:00 | 21 22.9 | -47 39.1 | 96.7 | 55.6 | 111.5 | 2126 | 78.5 | 2.4 | -1.2 | 781.4 | 71.1 | 21.4 | 14.4 | 11.9 | 11.9 | -23.8 |
| 16:07:00 | 21 26.2 | -47 38.9 | 96.8 | 56.4 | 112.0 | 2112 | 78.6 | 2.4 | -1.4 | 785.4 | 71.1 | 21.1 | 13.9 | 14.3 | 14.3 | -37.6 |
| 16:07:01 | 21 23.4 | -47 38.4 | 96.3 | 55.0 | 110.9 | 2125 | 13.1 | 0.5 | -13.8 | 71.6 | 78.2 | -0.0 | -6.7 | 47.0 | 47.0 | 85.9 |
| 16:07:00 | 21 23.4 | -47 38.5 | 308.0 | 342.2 | 2097 | 2123 | 20.3 | -4.2 | -1.4 | 67.5 | 74.8 | -0.5 | 207.2 | 145.5 | 38.1 | 120.7 |
| 16:07:30 | 21 24.0 | -47 37.4 | 88.0 | 95.2 | 129.6 | 2130 | 58.7* | 2.5 | -28.5 | 781.7 | 76.3 | 21.3 | 13.9 | 11.9 | 11.9 | -22.9 |
| 16:07:30 | 21 27.3 | -47 37.2 | 88.0 | 96.0 | 130.2 | 2118 | 58.9* | 2.5 | -28.6 | 785.2 | 76.4 | 21.0 | 13.4 | 14.1 | 14.1 | -37.6 |
| 16:07:31 | 21 24.4 | -47 36.8 | 87.7 | 94.5 | 128.9 | 2127 | 12.0 | 3.6 | -13.5 | 76.2 | 83.8 | -0.0 | -7.1 | 47.0 | 47.0 | 88.9 |
| 16:07:30 | 21 24.4 | -47 36.8 | 307.5 | 341.6 | 2099 | 2126 | 14.8 | -9.8 | -3.4 | 71.9 | 79.7 | -0.5 | 214.5 | 148.3 | 35.9 | 124.9 |
| 16:08:00 | 21 26.2 | -47 36.9 | -43.3 | 153.7 | 159.7 | 2132 | 348.3* | 2.9 | -27.9 | 781.9 | 73.2 | 21.7 | 14.5 | 11.9 | 11.9 | -23.5 |
| 16:08:00 | 21 29.5 | -47 36.7 | -43.3 | 154.3 | 160.2 | 2118 | 348.5* | 2.9 | -28.0 | 785.4 | 73.2 | 21.4 | 14.0 | 14.2 | 14.2 | -37.6 |
| 16:08:01 | 21 26.7 | -47 36.3 | -43.7 | 153.3 | 159.5 | 2125 | 12.6 | 6.1 | -13.1 | 73.2 | 80.5 | -0.0 | -6.9 | 47.0 | 47.0 | 85.5 |
| 16:08:00 | 21 26.6 | -47 36.2 | 308.1 | 342.4 | 2097 | 2125 | 16.2 | -8.7 | -3.3 | 69.9 | 76.5 | -0.5 | 210.1 | 150.6 | 38.7 | 122.5 |
| 16:08:30 | 21 28.2 | -47 38.7 | -137.3 | 76.4 | 157.1 | 2124 | 293.2* | 2.3 | -10.0* | 782.3 | 71.7 | 21.6 | 14.5 | 12.9 | 12.9 | -23.1 |
| 16:08:30 | 21 31.4 | -47 38.5 | -137.2 | 76.8 | 157.2 | 2109 | 293.4* | 2.3 | -10.1* | 786.1 | 71.7 | 21.5 | 14.2 | 15.4 | 15.4 | -37.6 |
| 16:08:31 | 21 28.6 | -47 38.0 | -138.0 | 75.8 | 157.4 | 2122 | 13.2 | 1.0 | -15.2 | 72.0 | 79.1 | -0.0 | -6.7 | 47.0 | 47.0 | 91.3 |
| 16:08:30 | 21 28.6 | -47 38.0 | 308.1 | 344.6 | 2091 | 2120 | 15.9 | -9.8 | -2.0 | 69.1 | 75.3 | -0.5 | 208.0 | 138.8 | 39.0 | 121.2 |
| 16:09:00 | 21 29.1 | -47 41.2 | -145.6 | 47.9 | 153.3 | 2146 | 276.9 | 1.9 | -3.0* | 779.6 | 73.1 | 21.7 | 14.5 | 11.8 | 11.8 | -22.9 |
| 16:09:00 | 21 32.4 | -47 41.0 | -145.5 | 48.4 | 153.3 | 2135 | 277.2 | 1.9 | -3.0* | 783.7 | 73.1 | 21.5 | 14.1 | 14.3 | 14.3 | -37.6 |
| 16:09:01 | 21 29.5 | -47 40.5 | -146.2 | 47.5 | 153.7 | 2146 | 13.3 | -0.8 | -15.4 | 73.8 | 80.0 | -0.0 | -6.9 | 47.0 | 47.0 | 84.8 |
| 16:09:00 | 21 29.5 | -47 40.5 | 308.4 | 342.5 | 2115 | 2144 | 21.6 | -2.4 | 1.3 | 69.8 | 77.0 | -0.5 | 210.0 | 143.7 | 40.6 | 122.5 |
| 16:09:30 | 21 29.9 | -47 43.7 | -147.0 | 50.5 | 155.4 | 2141 | 279.1 | 2.2 | 1.9 | 779.6 | 74.2 | 21.6 | 14.3 | 12.6 | 12.6 | -23.7 |
| 16:09:30 | 21 33.2 | -47 43.5 | -146.8 | 50.9 | 155.4 | 2128 | 279.3 | 2.1 | 1.7 | 783.9 | 74.2 | 21.3 | 13.8 | 14.8 | 14.8 | -37.6 |
| 16:09:31 | 21 30.3 | -47 43.1 | -147.6 | 50.1 | 155.8 | 2141 | 12.9 | -0.8 | -15.7 | 75.0 | 81.3 | -0.0 | -7.0 | 47.0 | 47.0 | 90.6 |
| 16:09:30 | 21 30.3 | -47 43.0 | 308.1 | 344.0 | 2113 | 2140 | 17.1 | 0.3 | 0.9 | 70.5 | 78.1 | -0.4 | 211.5 | 140.1 | 39.5 | 123.4 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:10:00 | 21 30.7 | -47 46.3 | -148.0 | 50.7 | 156.4 | 2142 | 279.8 | 2.1 | 1.2 | 779.5 | 74.4 | 22.1 | 14.8 | 11.6 | 11.6 | -23.0 |
| 16:10:00 | 21 34.0 | -47 46.1 | -147.8 | 51.2 | 156.4 | 2129 | 279.9 | 2.1 | 1.1 | 783.7 | 74.5 | 21.8 | 14.3 | 13.9 | 13.9 | -37.6 |
| 16:10:01 | 21 31.1 | -47 45.6 | -148.5 | 50.3 | 156.8 | 2141 | 13.4 | -1.6 | -14.4 | 75.1 | 81.5 | -0.0 | -7.0 | 47.0 | 47.0 | 82.2 |
| 16:10:00 | 21 31.1 | -47 45.6 | 308.6 | 342.3 | 2114 | 2139 | 17.9 | -1.1 | 1.3 | 70.4 | 78.4 | -0.5 | 211.9 | 138.1 | 39.3 | 123.7 |
| 16:10:30 | 21 31.6 | -47 48.8 | -148.4 | 53.3 | 157.7 | 2133 | 281.2 | 2.3 | -5.1 | 780.3 | 74.7 | 22.2 | 14.9 | 11.2 | 11.2 | -22.8 |
| 16:10:30 | 21 34.9 | -47 48.6 | -148.2 | 53.7 | 157.6 | 2122 | 281.4 | 2.2 | -5.3 | 784.4 | 74.7 | 21.9

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:15:00 | 21 38.4 | -48 12.4 | -133.8 | -51.5 | 143.3 | 2118 | 234.2* | 2.7 | -27.8* | 781.1 | 70.5 | 22.2 | 15.2 | 10.5 | 10.5 | -22.9 |
| 16:15:00 | 21 41.8 | -48 12.1 | -133.2 | -50.9 | 142.6 | 2108 | 234.4* | 2.7 | -27.9* | 784.4 | 70.5 | 21.9 | 14.8 | 12.7 | 12.7 | -37.6 |
| 16:15:01 | 21 38.7 | -48 11.8 | -134.3 | -51.5 | 143.8 | 2115 | 13.5 | 9.8 | -11.8 | 70.6 | 78.1 | -0.0 | -6.6 | 47.0 | 47.0 | 73.8 |
| 16:15:00 | 21 38.8 | -48 11.8 | 309.1 | 340.4 | 2108 | 2113 | 23.5 | -8.9 | -3.1 | 67.7 | 73.7 | -0.5 | 206.3 | 117.2 | 40.0 | 120.5 |
| 16:15:30 | 21 37.0 | -48 13.9 | -60.3 | -98.5 | 115.5 | 2111 | 192.4* | 2.3 | 1.5 | 780.6 | 67.8 | 21.6 | 14.9 | 10.1 | 10.1 | -23.2 |
| 16:15:30 | 21 40.4 | -48 13.6 | -59.7 | -97.8 | 114.5 | 2099 | 192.7* | 2.3 | 1.4 | 784.4 | 67.8 | 21.3 | 14.4 | 12.9 | 12.9 | -37.6 |
| 16:15:31 | 21 37.3 | -48 13.4 | -60.6 | -98.5 | 115.6 | 2112 | 13.7 | 5.4 | -13.4 | 68.4 | 74.6 | -0.0 | -6.4 | 47.0 | 47.0 | 73.7 |
| 16:15:30 | 21 37.4 | -48 13.4 | 308.7 | 339.3 | 2107 | 2108 | 19.7 | -3.3 | 0.1 | 64.9 | 71.5 | -0.5 | 202.4 | 115.7 | 38.8 | 118.1 |
| 16:16:00 | 21 35.3 | -48 14.9 | -53.5 | -100.8 | 114.1 | 2107 | 188.1 | 2.3 | -0.2* | 780.6 | 70.4 | 21.0 | 14.1 | 11.8 | 11.8 | -23.2 |
| 16:16:00 | 21 38.8 | -48 14.6 | -52.8 | -100.0 | 113.1 | 2095 | 188.2 | 2.3 | -0.3* | 784.5 | 70.5 | 20.8 | 13.7 | 14.3 | 14.3 | -37.6 |
| 16:16:01 | 21 35.7 | -48 14.4 | -53.8 | -100.7 | 114.2 | 2104 | 13.0 | 2.1 | -14.5 | 71.1 | 77.2 | -0.0 | -6.6 | 47.0 | 47.0 | 87.3 |
| 16:16:00 | 21 36.0 | -48 14.2 | 307.8 | 341.9 | 2106 | 2104 | 17.7 | -3.3 | 0.0 | 66.8 | 74.0 | -0.5 | 206.3 | 116.5 | 40.8 | 120.2 |
| 16:16:30 | 21 33.7 | -48 15.9 | -61.3 | -98.4 | 115.9 | 2119 | 191.9 | 2.7 | -0.7* | 779.0 | 71.7 | 21.6 | 14.6 | 12.4 | 12.4 | -23.0 |
| 16:16:30 | 21 37.2 | -48 15.6 | -60.6 | -97.6 | 114.9 | 2109 | 192.1 | 2.6 | -0.8* | 782.9 | 71.7 | 21.4 | 14.2 | 14.8 | 14.8 | -37.6 |
| 16:16:31 | 21 34.1 | -48 15.4 | -61.7 | -98.3 | 116.0 | 2115 | 13.6 | 3.4 | -14.9 | 72.2 | 78.6 | -0.0 | -6.7 | 47.0 | 47.0 | 88.0 |
| 16:16:30 | 21 34.5 | -48 15.2 | 308.5 | 344.0 | 2123 | 2116 | 17.9 | -7.2 | -0.9 | 68.7 | 75.4 | -0.5 | 208.0 | 119.1 | 42.2 | 121.4 |
| 16:17:00 | 21 32.1 | -48 16.9 | -55.3 | -98.8 | 113.2 | 2134 | 188.0* | 0.7 | 3.5* | 776.7 | 73.2 | 21.1 | 13.9 | 12.9 | 12.9 | -23.1 |
| 16:17:00 | 21 35.6 | -48 16.6 | -54.6 | -98.0 | 112.2 | 2124 | 188.1* | 0.8 | 3.3* | 780.8 | 73.2 | 21.0 | 13.6 | 15.2 | 15.2 | -37.6 |
| 16:17:01 | 21 32.5 | -48 16.4 | -55.5 | -98.6 | 113.2 | 2133 | 13.2 | -2.6 | -17.9 | 73.8 | 80.2 | -0.0 | -6.9 | 47.0 | 47.0 | 94.7 |
| 16:17:00 | 21 33.0* | -48 16.1 | 308.1 | 344.7 | 2144 | 2127 | 17.1 | -8.3 | -1.2 | 70.4 | 77.1 | -0.4 | 210.1 | 120.3 | 45.4 | 122.7 |
| 16:17:30 | 21 30.5 | -48 18.0 | -57.5 | -99.9 | 115.3 | 2126 | 190.5* | 2.7 | -5.4* | 777.2 | 74.0 | 22.2 | 14.9 | 12.6 | 12.6 | -22.9 |
| 16:17:30 | 21 34.0 | -48 17.7 | -56.8 | -99.1 | 114.2 | 2116 | 190.8* | 2.7 | -5.6* | 781.1 | 74.1 | 22.1 | 14.6 | 14.9 | 14.9 | -37.6 |
| 16:17:31 | 21 30.9 | -48 17.5 | -57.8 | -99.7 | 115.3 | 2123 | 13.7 | 0.5 | -14.9 | 74.3 | 81.3 | -0.0 | -7.0 | 47.0 | 47.0 | 87.5 |
| 16:17:30 | 21 31.1 | -48 17.3 | 309.0 | 345.3 | 2141 | 2124 | 17.9 | -11.3 | -2.5 | 70.7 | 77.7 | -0.4 | 211.3 | 121.1 | 42.2 | 123.6 |
| 16:18:00 | 21 28.9 | -48 18.9 | -59.0 | -99.5 | 115.7 | 2105 | 190.0 | 3.1 | -1.7 | 778.5 | 71.0 | 22.3 | 15.3 | 12.8 | 12.8 | -23.5 |
| 16:18:00 | 21 32.4 | -48 18.6 | -58.3 | -98.8 | 114.7 | 2094 | 190.1 | 3.1 | -1.9 | 782.4 | 71.1 | 22.2 | 15.0 | 15.2 | 15.2 | -37.6 |
| 16:18:01 | 21 29.3 | -48 18.4 | -59.2 | -99.3 | 115.6 | 2102 | 14.0 | 1.0 | -16.1 | 71.3 | 77.9 | -0.0 | -6.7 | 47.0 | 47.0 | 86.4 |
| 16:18:00 | 21 29.8 | -48 18.1 | 309.3 | 346.1 | 2128 | 2103 | 18.2 | -11.9 | -2.8 | 68.8 | 74.6 | -0.5 | 207.1 | 116.8 | 44.3 | 121.1 |
| 16:18:30 | 21 27.3 | -48 20.0 | -58.1 | -99.1 | 114.8 | 2114 | 190.8 | 2.2 | -1.4 | 777.1 | 71.8 | 22.2 | 15.1 | 11.9 | 11.9 | -23.3 |
| 16:18:30 | 21 30.8 | -48 19.6 | -57.4 | -98.2 | 113.8 | 2104 | 191.0 | 2.2 | -1.6 | 781.0 | 71.9 | 22.0 | 14.7 | 14.3 | 14.3 | -37.6 |
| 16:18:31 | 21 27.7 | -48 19.5 | -58.4 | -98.8 | 114.7 | 2111 | 13.9 | 0.8 | -16.0 | 72.3 | 78.7 | -0.0 | -6.8 | 47.0 | 47.0 | 82.4 |
| 16:18:30 | 21 27.8 | -48 19.4 | 309.3 | 344.0 | 2142 | 2112 | 17.0 | -6.8 | -1.2 | 68.3 | 75.5 | -0.5 | 208.3 | 120.0 | 41.4 | 121.9 |
| 16:19:00 | 21 25.7 | -48 20.9 | -54.6 | -100.0 | 114.0 | 2116 | 188.2 | 1.9 | 0.9 | 776.0 | 73.4 | 22.5 | 15.2 | 11.8 | 11.8 | -22.4 |
| 16:19:00 | 21 29.2 | -48 20.6 | -53.9 | -99.2 | 112.9 | 2106 | 188.3 | 2.0 | 0.8 | 780.1 | 73.4 | 22.3 | 14.8 | 14.3 | 14.3 | -37.6 |
| 16:19:01 | 21 26.1 | -48 20.4 | -54.8 | -99.7 | 113.8 | 2113 | 14.0 | 1.0 | -14.0 | 73.9 | 80.3 | -0.0 | -6.9 | 47.0 | 47.0 | 81.1 |
| 16:19:00 | 21 26.3 | -48 20.3 | 309.5 | 344.0 | 2152 | 2118 | 17.3 | -5.4 | -0.3 | 68.9 | 77.2 | -0.5 | 210.4 | 120.3 | 43.4 | 123.2 |
| 16:19:30 | 21 24.1 | -48 21.9 | -58.7 | -99.1 | 115.2 | 2107 | 188.4 | 3.0 | 1.0* | 776.3 | 69.3 | 21.9 | 15.0 | 11.4 | 11.4 | -23.0 |
| 16:19:30 | 21 27.6 | -48 21.6 | -57.9 | -98.3 | 114.1 | 2097 | 188.6 | 3.0 | 0.8* | 780.2 | 69.4 | 21.8 | 14.7 | 14.0 | 14.0 | -37.6 |
| 16:19:31 | 21 24.5 | -48 21.4 | -58.8 | -98.8 | 114.9 | 2107 | 13.5 | -0.6 | -17.2 | 69.6 | 76.0 | -0.0 | -6.6 | 47.0 | 47.0 | 80.2 |
| 16:19:30 | 21 24.8 | -48 21.2 | 309.3 | 342.8 | 2150 | 2106 | 15.6 | -11.3 | -2.2 | 68.1 | 72.7 | -0.5 | 204.7 | 114.5 | 47.0 | 119.8 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:20:00 | 21 22.4 | -48 22.9 | -59.3 | -103.4 | 119.2 | 2120 | 188.8 | 2.4 | 1.5 | 774.2 | 73.6 | 22.1 | 14.8 | 11.6 | 11.6 | -23.3 |
| 16:20:00 | 21 25.9 | -48 22.6 | -58.6 | -102.6 | 118.1 | 2110 | 189.0 | 2.4 | 1.4 | 778.4 | 73.7 | 22.0 | 14.5 | 14.0 | 14.0 | -37.6 |
| 16:20:01 | 21 22.8 | -48 22.5 | -59.5 | -103.0 | 118.9 | 2119 | 13.7 | 2.0 | -16.3 | 74.0 | 80.9 | -0.0 | -7.0 | 47.0 | 47.0 | 81.8 |
| 16:20:00 | 21 23.3 | -48 22.2 | 309.3 | 343.3 | 2169 | 2119 | 16.4 | -10.2 | -1.8 | 70.3 | 77.5 | -0.4 | 210.8 | 114.2 | 45.8 | 123.4 |
| 16:20:30 | 21 20.7 | -48 24.0 | -60.5 | -104.2 | 120.5 | 2125 | 186.9* | 1.2 | 1.5* | 772.8 | 75.4 | 21.9 | 14.4 | 12.9 | 12.9 | -22.6 |
| 16:20:30 | 21 24.3 | -48 23.6 | -59.7 | -103.4 | 119.4 | 2116 | 187.1* | 1.2 | 1.3* | 777.0 | 75.4 | 21.0 | 13.4 | 15.3 | 15.3 | -37.6 |
| 16:20:31 | 21 21.2 | -48 23.5 | -60.7 | -103.8 | 120.2 | 2125 | 13.3 | -3.3 | -18.4 | 77.0 | 83.0 | -0.0 | -7.1 | 47.0 | 47.0 | 92.3 |
| 16:20:30 | 21 21.2 | -48 23.5 | 309.0 | 346.2 | 2183 | 2124 | 15.5 | 1.7 | 1.7 | 72.6 | 79.6 | -0.4 | 213.2 | 113.9 | 48.5 | 124.9 |
| 16:21:00 | 21 19.1 | -48 25.1 | -63.0 | -97.7 | 116.3 | 2106 | 187.5 | 2.9 | -2.2* | 774.4 | 66.0 | 20.2 | 13.6 | 13.0 | 13.0 | -22.7 |
| 16:21:00 | 21 22.6 | -48 24.7 | -62.2 | -96.8 | 115.1 | 2094 | 187.7 | 2.9 | -2.3* | 777.9 | 66.1 | 19.8 | 13.1 | 15.3 | 15.3 | -37.6 |
| 16:21:01 | 21 19.5 | -48 24.6 | -63.1 | -97.1 | 115.8 | 2107 | 13.0 | 2.7 | -15.4 | 66.6 | 72.9 | -0.0 | -6.3 | 47.0 | 47.0 | 97.3 |
| 16:21:00 | 21 19.5 | -48 24.6 | 308.1 | 345.1 | 2174 | 2104 | 15.2 | -13.2 | -3.2 | 66.0 | 69.3 | -0.4 | 199.8 | 110.4 | 52.9 | 116.9 |
| 16:21:30 | 21 17.5 | -48 26.1 | -60.6 | -105.5 | 121.7 | 2128 | 186.6 | 0.5 | 0.4* | 771.2 | 75.8 | 21.6 | 14.1 | 13.5 | 13.5 | -23.0 |
| 16:21:30 | 21 21.0 | -48 25.7 | -59.8 | -104.7 | 120.6 | 2117 | 186.9 | 0.4 | 0.3* | 775.3 | 75.8 | 21.1 | 13.4 | 15.9 | 15.9 | -37.6 |
| 16:21:31 | 21 17.9 | -48 25.6 | -60.8 | -105.0 | 121.3 | 2126 | 13.7 | -5.8 | -19.5 | 76.8 | 83.2 | -0.0 | -7.2 | 47.0 | 47.0 | 97.8 |
| 16:21:30 | 21 18.2 | -48 25.4 | 308.9 | 347.6 | 2201 | 2127 | 15.7 | -6.0 | -0.9 | 72.4 | 79.4 | -0.4 | 213.7 | 112.2 | 50.3 | 125.3 |
| 16:22:00 | 21 15.8 | -48 27.2 | -68.2 | -96.9 | 118.5 | 2138 | 193.0* | 3.5 | -5.9* | 769.3 | 72.0 | 22.6 | 15.4 | 14.7 | 14.7 | -23.2 |
| 16:22:00 | 21 19.3 | -48 26.8 | -67.4 | -96.1 | 117.3 | 2129 | 193.1* | 3.5 | -6.1* | 773.1 | 72.1 | 22.1 | 14.7 | 17.1 | 17.1 | -37.6 |
| 16:22:01 | 21 16.2 | -48 26.8 | -68.1 | -96.4 | 118.1 | 2137 | 14.9 | 4.6 | -15.7 | 73.2 | 79.1 | -0.0 | -6.9 | 47.0 | 47.0 | 97.1 |
| 16:22:00 | 21 16.3 | -48 26.7 | 310.5 | 352.8 | 2224 | 2130 | 16.6 | -2.2 | 0.5 | 70.8 | 75.0 | -0.4 | 208.5 | 119.3 | 46.0 | 122.8 |
| 16:22:30 | 21 14.2 | -48 28.3 | -60.2 | -102.7 | 119.1 | 2109 | 189.7* | 0.3 | 0.0 | 770.7 | 80.9 | 23.6 | 15.6 | 14.8 | 14.8 | -23.6 |
| 16:22:30 | 21 17.8 | -48 27.9 | -59.4 | -101.9 | 117.9 | 2097 | 189.9* | 0.3 | -0.1 | 775.1 | 80.9 | 23.4 | 15.2 | 17.2 | 17.2 | -37.6 |
| 16:22:31 | 21 14.6 | -48 27.8 | -60.0 | -102.4 | 118.7 | 2107 | 14.9 | -1.2 | -17.8 | 81.4 | 88.4 | -0.0 | -7.6 | 47.0 | 47.0 | 96.6 |
| 16:22:30 | 21 14.6 | -48 27.8 | 310.5 | 352.9 | 2203 | 2105 | 16.4 | -10.2 | -1.7 | 77.2 | 85.8 | -0.4 | 220.7 | 122.7 | 46.8 | 129.7 |
| 16:23:00 | 21 12.6 | -48 29.3 | -58.1 | -102.3 | 117.6 | 2108 | 188.3* | 2.2 | 2.6* | 769.9 | 77.0 | 24.0 | 16.3 | 14.2 | 14.2 | -23.2 |
| 16:23:00 | 21 16.2 | -48 28.9 | -57.3 | -101.4 | 116.4 | 2095 | 188.5* | 2.2 | 2.5* | 774.4 | 77.0 | 23.9 | 16.0 | 16.6 | 16.6 | -37.6 |
| 16:23:01 | 21 13.0 | -48 28.9 | -58.1 | -101.7 | 117.1 | 2104 | 15.2 | -3.7 | -17.9 | 78.6 | 84.3 | -0.0 | -7.3 | 47.0 | 47.0 | 88.6 |
| 16:23:00 | 21 13.4 | -48 28.6 | 311.3 | 352.3 | 2211 | 2097 | 16.7 | 4.5 | 2.4 | 73.9 | 81.2 | -0.4 | 215.4 | 121.0 | 44.6 | 126.9 |
| 16:23:30 | 21 10.9 | -48 30.4 | -58.0 | -105.5 | 120.3 | 2083 | 188.7 | 1.4 | -1.2* | 771.0 | 77.2 | 24.1 | 16.4 | 14.2 | 14.2 | -23.3 |
| 16:23:30 | 21 14.5 | -48 29.9 | -57.1 | -104.6 | 119.2 | 2071 | 189.0 | 1.3 | -1.3* | 775.4 | 77.2 | 24.0 | 16.1 | 16.8 | 16.8 | -37.6 |
| 16:23:31 | 21 11.3 | -48 29.9 | -57.8 | -104.9 | 119.8 | 2081 | 15.4 | -4.4 | -18.0 | 77.6 | 84.6 | -0.0 | -7.3 | 47.0 | 47.0 | 87.8 |
| 16:23:30 | 21 11.4* | -48 29.9* | 311.3 | 352.2 | 2201 | 2080 | 16.9 | -9.6 | -1.6 | 74.1 | 81.5 | -0.4 | 215.7 | 116.9 | 44.6 | 127.0 |
| 16:24:00 | 21 9.3 | -48 31.4 | -57.6 | -96.3 | 112.2 | 2089 | 188.8* | 3.2 | -4.2* | 769.8 | 65.3 | 23.3 | 16.7 | 14.8 | 14.8 | -23.3 |
| 16:24:00 | 21 12.9 | -48 31.0 | -56.8 | -95.4 | 111.0 | 2078 | 189.0* | 3.2 | -4.3* | 773.4 | 65.3 | 23.0 | 16.2 | 17.2 | 17.2 | -37.6 |
| 16:24:01 | 21 9.7 | -48 30.9 | -57.5 | -95.6 | 111.6 | 2083 | 15.7 | 6.6 | -14.5 | 66.3 | 72.3 | -0.0 | -6.2 | 47.0 | 47.0 | 89.5 |
| 16:24:00 | 21 10.2* | -48 30.6* | 311.9 | 354.6 | 2220 | 2071 | 17.3 | -8.8 | -1.8 | 64.8 | 68.7 | -0.4 | 198.7 | 115.9 | 45.1 | 117.3 |
| 16:24:30 | 21 7.6 | -48 32.4 | -62.4 | -103.9 | 121.2 | 2098 | 193.7 | 2.5 | 3.9* | 767.6 | 71.8 | 23.9 | 16.7 | 15.6 | 15.6 | -23.2 |
| 16:24:30 | 21 11.2 | -48 31.9 | -61.6 | -103.0 | 120.0 | 2087 | 193.9 | 2.5 | 3.7* | 771.6 | 71.9 | 23.9 | 16.5 | 18.1 | 18.1 | -37.6 |
| 16:24:31 | 21 8.1 | -48 31.9 | -62.2 | -103.0 | 120.4 | 2093 | 15.8 | -2.8 | -17.5 | 73.1 | 78.7 | -0.0 | -6.8 | 47.0 | 47.0 | 95.0 |
| 16:24:30 | 21 8.7 | -48 31.5 | 312.1 | 357.4 | 2239 | 2083 | 17.3 | -4.1 | -0.3 | 71.0 | 75.7 | -0.4 | 208.2 | 115.0 | 36.9 | 123.0 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:25:00 | 21 5.8 | -48 33.4 | -62.2 | -112.5 | 128.5 | 2116 | 195.1 | 2.0 | 2.2* | 764.5 | 76.3 | 24.9 | 17.2 | 16.0 | 16.0 | -23.3 |
| 16:25:00 | 21 9.5 | -48 32.9 | -61.3 | -111.6 | 127.3 | 2107 | 195.3 | 2.0 | 2.1* | 768.8 | 76.3 | 24.8 | 16.9 | 18.5 | 18.5 | -37.6 |
| 16:25:01 | 21 6.3 | -48 33.0 | -61.9 | -111.8 | 127.8 | 2114 | 16.5 | -0.2 | -18.0 | 77.3 | 83.9 | -0.0 | -7.3 | 47.0 | 47.0 | 94.1 |
| 16:25:00 | 21 6.3 | -48 32.9 | 312.9 | 359.6 | 2269 | 2115 | 17.9 | -8.7 | -1.3 | 74.4 | 80.7 | -0.3 | 214.4 | 109.1 | 31.8 | 127.0 |
| 16:25:30 | 21 4.0 | -48 34.5 | -60.9 | -110.8 | 126.5 | 2113 | 197.5 | 2.1 | -0.0 | 764.4 | 76.1 | 25.4 | 17.7 | 15.0 | 15.0 | -23.1 |
| 16:25:30 | 21 7.7 | -48 34.0 | -60.1 | -109.9 | 125.3 | 2103 | 197.8 | 2.1 | -0.1 | 768.7 | 76.1 | 25.2 | 17.2 | 17.5 | 17.5 | -37.6 |
| 16:25:31 | 21 4.5 | -48 34.0 | -60.8 | -110.1 | 125.8 | 2110 | 16.4 | -1.8 | -16.9 | 76.1 | 83.4 | -0.0 | -7.3 | 47.0 | 47.0 | 85.7 |
| 16:25:30 | 21 4.6 | -48 33.9 | 313.4 | 357.4 | 2269 | 2110 | 20.9 | -11.3 | -1.1 | 74.4 | 80.2 | -0.5 | 214.2 | 113.8 | 26.3 | 126.9 |
| 16:26:00 | 21 2.2 | -48 35.5 | -60.2 | -105.6 | 121.6 | 2109 | 199.9 | 2.1 | -1.8* | 764.6 | 71.1 | 26.1 | 18.8 | 13.6 | 13.6 | -23.6 |
| 16:26:00 | 21 5.9 | -48 35.0 | -59.3 | -104.7 | 120.4 | 2093 | 200.1 | 2.1 | -1.9* | 768.5 | 71.2 | 25.8 | 18.3 | 17.1 | 17.1 | -37.6 |
| 16:26:01 | 21 2.7 | -48 35.0 | -60.0 | -104.8 | 120.8 | 2104 | 17.4 | 1.8 | -15.7 | 70.8 | 78.8 | -0.0 | -6.8 | 47.0 | 47.0 | 72.3 |
| 16:26:00 | 21 3.0 | -48 34.9 | 314.7 | 355.0 | 2272 | 2107 | 20.4 | -11.3 | -3.7 | 70.6 | 74.8 | -0.5 | 207.3 | 118.3 | 22.3 | 123.1 |
| 16:26:30 | 21 0.5 | -48 36.5 | -52.8 | -107.2 | 119.5 | 2107 | 197.3 | 2.2 | 2.2 | 764.4 | 70.1 | 25.1 | 18.0 | 14.2 | 14.2 | -23.6 |
| 16:26:30 | 21 4.2 | -48 35.9 | -52.0 | -106.3 | 118.3 | 2091 | 197.5 | 2.1 | 2.0 | 768.3 | 70.1 | 24.8 | 17.5 | 17.3 | 17.3 | -37.6 |
| 16:26:31 | 21 1.0 | -48 36.0 | -52.6 | -106.5 | 118.7 | 2103 | 16.7 | 0.8 | -15.7 | 70.3 | 77.7 | -0.0 | -6.7 | 47.0 | 47.0 | 79.1 |
| 16:26:30 | 21 1.1 | -48 36.0 | 313.9 | 355.5 | 2274 | 2104 | 18.6 | -4.8 | -1.8 | 69.7 | 73.9 | -0.5 | 205.8 | 119.2 | 19.2 | 122.1 |
| 16:27:00 | 20 58.8 | -48 37.5 | -63.4 | -104.7 | 122.4 | 2102 | 203.7 | 2.2 | 1.4* | 764.5 | 71.1 | 25.2 | 18.0 | 14.2 | 14.2 | -23.1 |
| 16:27:00 | 21 2.5 | -48 37.0 | -62.5 | -103.9 | 121.2 | 2084 | 203.9 | 2.2 | 1.3* | 768.5 | 71.1 | 25.0 | 17.5 | 17.3 | 17.3 | -37.6 |
| 16:27:01 | 20 59.3 | -48 37.0 | -63.1 | -104.0 | 121.6 | 2099 | 16.7 | 0.8 | -15.8 | 71.1 | 78.5 | -0.0 | -6.8 | 47.0 | 47.0 | 79.4 |
| 16:27:00 | 20 59.8 | -48 36.7 | 313.9 | 355.7 | 2272 | 2102 | 22.1 | -8.1 | -2.6 | 70.0 | 75.0 | -0.5 | 207.2 | 118.7 | 16.9 | 122.9 |
| 16:27:30 | 20 57.1 | -48 38.6 | -58.4 | -107.9 | 122.7 | 2099 | 201.7 | 2.3 | 3.2* | 764.3 | 70.8 | 25.0 | 17.8 | 17.0 | 17.0 | -23.4 |
| 16:27:30 | 21 0.8 | -48 38.0 | -57.5 | -107.0 | 121.5 | 2082 | 202.0 | 2.2 | 3.1* | 768.3 | 70.8 | 24.7 | 17.3 | 19.0 | 19.0 | -37.6 |
| 16:27:31 | 20 57.6 | -48 38.1 | -58.0 | -107.2 | 121.9 | 2097 | 16.5 | 0.3 | -16.6 | 70.8 | 77.4 | -0.0 | -6.8 | 47.0 | 47.0 | 96.6 |
| 16:27:30 | 20 57.9 | -48 37.9 | 313.6 | 363.5 | 2273 | 2096 | 18.4 | -9.5 | -0.8 | 70.2 | 74.4 | -0.5 | 206.7 | 114.4 | 15.7 | 122.7 |
| 16:28:00 | 20 55.3 | -48 39.6 | -58.3 | -109.0 | 123.6 | 2092 | 202.8 | 2.4 | 1.5 | 764.7 | 69.7 | 24.9 | 17.8 | 15.3 | 15.3 | -23.0 |
| 16:28:00 | 20 59.0 | -48 39.0 | -57.4 | -108.1 | 122.4 | 2075 | 203.0 | 2.4 | 1.3 | 768.5 | 69.8 | 24.6 | 17.3 | 18.0 | 18.0 | -37.6 |
| 16:28:01 | 20 55.9 | -48 39.1 | -57.9 | -108.2 | 122.7 | 2091 | 16.4 | 2.4 | -15.1 | 69.9 | 76.7 | -0.0 | -6.7 | 47.0 | 47.0 | 86.1 |
| 16:28:00 | 20 56.2 | -48 38.9 | 313.6 | 358.3 | 2271 | 2092 | 24.6 | -8.8 | -2.8 | 69.6 | 73.5 | -0.5 | 205.2 | 106.5 | 12.6 | 121.7 |
| 16:28:30 | 20 53.5 | -48 40.6 | -60.3 | -109.4 | 124.9 | 2091 | 205.3 | 2.2 | 1.4 | 764.5 | 71.4 | 25.2 | 17.9 | 15.4 | 15.4 | -23.6 |
| 16:28:30 | 20 57.3 | -48 40.0 | -59.4 | -108.6 | 123.7 | 2075 | 205.5 | 2.2 | 1.3 | 768.4 | 71.4 | 24.9 | 17.5 | 18.2 | 18.2 | -37.6 |
| 16:28:31 | 20 54.1 | -48 40.1 | -59.8 | -108.6 | 124.0 | 2092 | 16.5 | 0.0 | -15.7 | 71.5 | 78.1 | -0.0 | -6.8 | 47.0 | 47.0 | 86.1 |
| 16:28:30 | 20 54.2 | -48 40.0 | 313.8 | 358.9 | 2272 | 2090 | 22.6 | -8.6 | -2.6 | 70.5 | 75.2 | -0.5 | 207.6 | 105.1 | 8.9 | 123.1 |
| 16:29:00 | 20 51.8 | -48 41.6 | -60.4 | -110.1 | 125.5 | 2092 | 206.2 | 1.9 | 0.4 | 764.2 | 71.6 | 25.1 | 17.8 | 15.4 | 15.4 | -23.5 |
| 16:29:00 | 20 55.5 | -48 41.0 | -59.5 | -109.2 | 124.4 | 2077 | 206.4 | 2.0 | 0.3 | 768.2 | 71.6 | 24.8 | 17.3 | 17.9 | 17.9 | -37.6 |
| 16:29:01 | 20 52.3 | -48 41.1 | -59.9 | -109.3 | 124.6 | 2091 | 16.5 | 0.6 | -15.4 | 71.8 | 78.4 | -0.0 | -6.9 | 47.0 | 47.0 | 86.5 |
| 16:29:00 | 20 52.6 | -48 41.0 | 313.7 | 358.6 | 2275 | 2090 | 21.6 | -6.5 | -1.9 | 70.7 | 75.4 | -0.5 | 207.9 | 97.1 | 6.5 | 123.3 |
| 16:29:30 | 20 49.9 | -48 42.7 | -59.7 | -112.0 | 127.0 | 2089 | 206.5 | 1.9 | 0.5 | 764.3 | 74.9 | 25.8 | 18.2 | 15.0 | 15.0 | -22.9 |
| 16:29:30 | 20 53.7 | -48 42.1 | -58.8 | -111.2 | 125.8 | 2072 | 206.8 | 1.8 | 0.3 | 768.4 | 74.9 | 25.5 | 17.7 | 17.9 | 17.9 | -37.6 |
| 16:29:31 | 20 50.5 | -48 42.1 | -59.2 | -111.2 | 126.0 | 2086 | 16.9 | -3.1 | -16.9 | 75.0 | 81.5 | -0.0 | -7.1 | 47.0 | 47.0 | 82.4 |
| 16:29:30 | 20 50.6 | -48 42.1 | 314.0 | 357.9 | 2272 | 2087 | 20.5 | -8.5 | -2.8 | 73.6 | 78.9 | -0.5 | 212.5 | 105.2 | 4.5 | 126.1 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:30:00 | 20 48.1 | -48 43.7 | -61.7 | -111.0 | 127.0 | 2090 | 208.9 | 1.8 | -0.7 | 764.1 | 75.9 | 25.7 | 18.0 | 14.2 | 14.2 | -22.9 |
| 16:30:00 | 20 51.9 | -48 43.1 | -60.8 | -110.2 | 125.9 | 2073 | 209.1 | 1.8 | -0.8 | 768.2 | 76.0 | 25.4 | 17.5 | 17.8 | 17.8 | -37.6 |
| 16:30:01 | 20 48.7 | -48 43.2 | -61.2 | -110.2 | 126.0 | 2091 | 16.6 | -4.1 | -17.3 | 76.1 | 82.8 | -0.0 | -7.2 | 47.0 | 47.0 | 79.6 |
| 16:30:00 | 20 48.8 | -48 43.2 | 313.8 | 355.6 | 2274 | 2088 | 19.3 | -7.6 | -2.4 | 74.8 | 80.0 | -0.5 | 213.9 | 110.0 | 1.2 | 126.9 |
| 16:30:30 | 20 46.4 | -48 44.8 | -65.0 | -105.2 | 123.7 | 2109 | 212.3 | 2.1 | -1.1* | 762.6 | 70.6 | 25.8 | 18.6 | 14.2 | 14.2 | -23.0 |
| 16:30:30 | 20 50.2 | -48 44.2 | -64.1 | -104.4 | 122.5 | 2092 | 212.5 | 2.1 | -1.3* | 766.5 | 70.6 | 25.5

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:35:00 | 20 30.7 | -48 53.9 | -59.0 | -113.4 | 127.8 | 2122 | 223.1 | 2.4 | 0.1 | 762.7 | 73.8 | 24.6 | 17.1 | 14.7 | 14.7 | -22.7 |
| 16:35:00 | 20 34.6 | -48 53.1 | -58.1 | -112.7 | 126.8 | 2110 | 223.3 | 2.4 | -0.0 | 766.8 | 73.9 | 24.3 | 16.6 | 16.9 | 16.9 | -37.6 |
| 16:35:01 | 20 31.5 | -48 53.2 | -58.2 | -112.6 | 126.7 | 2120 | 16.0 | -4.9 | -15.5 | 74.4 | 79.9 | -0.0 | -7.1 | 47.0 | 47.0 | 86.8 |
| 16:35:00 | 20 31.5 | -48 53.2 | 313.1 | 356.2 | 2290 | 2122 | 21.0 | -4.2 | -1.4 | 72.5 | 77.9 | -0.5 | 211.0 | 309.9 | 34.3 | 125.1 |
| 16:35:30 | 20 28.9 | -48 55.0 | -63.1 | -115.0 | 131.2 | 2140 | 225.6 | 1.2 | 0.4* | 762.5 | 78.2 | 25.8 | 17.8 | 14.1 | 14.1 | -23.1 |
| 16:35:30 | 20 32.8 | -48 54.1 | -62.2 | -114.3 | 130.1 | 2127 | 225.9 | 1.1 | 0.3* | 766.7 | 78.3 | 25.5 | 17.3 | 16.3 | 16.3 | -37.6 |
| 16:35:31 | 20 29.6 | -48 54.3 | -62.2 | -114.2 | 130.0 | 2136 | 16.5 | -5.0 | -17.6 | 77.8 | 84.9 | -0.0 | -7.5 | 47.0 | 47.0 | 79.4 |
| 16:35:30 | 20 29.6 | -48 54.3 | 313.9 | 355.3 | 2290 | 2138 | 20.7 | -11.4 | -3.7 | 77.4 | 82.3 | -0.5 | 217.1 | 310.5 | 36.7 | 128.8 |
| 16:36:00 | 20 27.1 | -48 56.0 | -57.7 | -101.4 | 116.6 | 2144 | 229.3* | 2.6 | 3.3 | 763.6 | 68.2 | 24.8 | 17.8 | 14.5 | 14.5 | -22.8 |
| 16:36:00 | 20 31.1 | -48 55.2 | -56.9 | -100.7 | 115.7 | 2130 | 229.5* | 2.6 | 3.2 | 767.4 | 68.3 | 24.5 | 17.4 | 16.9 | 16.9 | -37.6 |
| 16:36:01 | 20 27.9 | -48 55.3 | -56.8 | -100.5 | 115.5 | 2141 | 16.6 | 5.4 | -14.5 | 68.1 | 75.2 | -0.0 | -6.6 | 47.0 | 47.0 | 81.7 |
| 16:36:00 | 20 27.9 | -48 55.3 | 313.7 | 356.2 | 2283 | 2142 | 18.5 | -10.4 | -2.0 | 68.3 | 71.9 | -0.5 | 203.1 | 303.6 | 39.2 | 120.5 |
| 16:36:30 | 20 25.5 | -48 57.0 | -53.9 | -100.9 | 114.4 | 2165 | 227.1 | 2.6 | -2.0* | 763.2 | 67.7 | 23.9 | 17.0 | 13.9 | 13.9 | -23.8 |
| 16:36:30 | 20 29.5 | -48 56.1 | -53.0 | -100.2 | 113.4 | 2152 | 227.3 | 2.6 | -2.2* | 766.8 | 67.7 | 23.7 | 16.6 | 16.4 | 16.4 | -37.6 |
| 16:36:31 | 20 26.3 | -48 56.3 | -52.9 | -100.1 | 113.2 | 2162 | 16.0 | 3.8 | -13.8 | 68.2 | 74.1 | -0.0 | -6.5 | 47.0 | 47.0 | 83.0 |
| 16:36:30 | 20 26.3 | -48 56.3 | 313.0 | 353.8 | 2289 | 2163 | 18.9 | -5.0 | -0.4 | 67.4 | 71.1 | -0.5 | 202.2 | 299.6 | 38.7 | 119.9 |
| 16:37:00 | 20 23.9 | -48 58.0 | -58.9 | -99.6 | 115.7 | 2176 | 229.0 | 2.5 | 2.1 | 763.1 | 73.6 | 23.3 | 15.9 | 13.6 | 13.6 | -23.0 |
| 16:37:00 | 20 27.8 | -48 57.1 | -58.1 | -99.0 | 114.7 | 2164 | 229.2 | 2.5 | 2.0 | 767.1 | 73.7 | 23.1 | 15.4 | 15.8 | 15.8 | -37.6 |
| 16:37:01 | 20 24.7 | -48 57.2 | -57.9 | -98.8 | 114.5 | 2174 | 14.8 | -1.0 | -16.5 | 73.8 | 80.6 | -0.0 | -7.0 | 47.0 | 47.0 | 87.1 |
| 16:37:00 | 20 24.7 | -48 57.2 | 311.7 | 351.4 | 2286 | 2174 | 18.1 | -9.9 | -1.7 | 73.0 | 77.7 | -0.5 | 210.8 | 296.3 | 38.3 | 124.6 |
| 16:37:30 | 20 22.2 | -48 59.0 | -58.5 | -103.0 | 118.4 | 2191 | 226.6 | 2.0 | 0.8* | 762.6 | 76.6 | 23.4 | 15.7 | 13.1 | 13.1 | -23.1 |
| 16:37:30 | 20 26.2 | -48 58.1 | -57.6 | -102.4 | 117.5 | 2179 | 226.9 | 1.9 | 0.7* | 766.8 | 76.7 | 23.1 | 15.2 | 15.5 | 15.5 | -37.6 |
| 16:37:31 | 20 23.0 | -48 58.2 | -57.5 | -102.1 | 117.2 | 2188 | 14.5 | -4.4 | -19.4 | 77.0 | 83.7 | -0.0 | -7.3 | 47.0 | 47.0 | 85.8 |
| 16:37:30 | 20 23.1 | -48 58.2 | 311.5 | 350.1 | 2289 | 2189 | 18.8 | -6.0 | -0.6 | 76.1 | 80.7 | -0.5 | 214.9 | 294.8 | 36.9 | 127.0 |
| 16:38:00 | 20 20.6 | -49 0.0 | -61.5 | -101.4 | 118.6 | 2129 | 228.3 | 0.6 | 0.1 | 769.4 | 77.5 | 23.5 | 15.8 | 14.2 | 14.2 | -23.0 |
| 16:38:00 | 20 24.6 | -48 59.1 | -60.6 | -100.9 | 117.7 | 2116 | 228.5 | 0.7 | 0.0 | 773.5 | 77.5 | 23.3 | 15.4 | 16.3 | 16.3 | -37.6 |
| 16:38:01 | 20 21.4 | -48 59.2 | -60.4 | -100.6 | 117.4 | 2125 | 14.8 | -3.9 | -17.5 | 77.2 | 84.2 | -0.0 | -7.3 | 47.0 | 47.0 | 91.9 |
| 16:38:00 | 20 21.4 | -48 59.2 | 310.9 | 351.9 | 2220 | 2127 | 17.7 | -12.3 | -2.5 | 76.8 | 81.3 | -0.5 | 216.0 | 295.8 | 36.1 | 127.2 |
| 16:38:30 | 20 19.0 | -49 1.0 | -57.1 | -98.3 | 113.7 | 2096 | 226.4* | 3.3 | -2.0 | 773.5 | 67.3 | 22.9 | 16.2 | 14.0 | 14.0 | -23.0 |
| 16:38:30 | 20 23.0 | -49 0.1 | -56.3 | -97.7 | 112.7 | 2084 | 226.6* | 3.3 | -2.2 | 777.2 | 67.4 | 22.8 | 15.9 | 16.5 | 16.5 | -37.6 |
| 16:38:31 | 20 19.8 | -49 0.3 | -56.1 | -97.4 | 112.4 | 2094 | 15.2 | 4.4 | -13.7 | 68.0 | 73.9 | -0.0 | -6.4 | 47.0 | 47.0 | 88.1 |
| 16:38:30 | 20 20.2* | -48 60.0 | 310.9 | 351.1 | 2182 | 2091 | 16.6 | -5.6 | -0.6 | 67.0 | 70.6 | -0.4 | 201.8 | 299.7 | 32.9 | 118.7 |
| 16:39:00 | 20 17.4 | -49 2.0 | -59.5 | -97.2 | 114.0 | 2112 | 228.6* | 2.5 | -1.6 | 773.1 | 69.4 | 22.4 | 15.5 | 13.4 | 13.4 | -23.3 |
| 16:39:00 | 20 21.4 | -49 1.1 | -58.7 | -96.6 | 113.1 | 2098 | 228.8* | 2.5 | -1.7 | 776.9 | 69.4 | 22.3 | 15.2 | 16.1 | 16.1 | -37.6 |
| 16:39:01 | 20 18.2 | -49 1.2 | -58.5 | -96.3 | 112.7 | 2108 | 14.7 | 4.2 | -14.1 | 69.2 | 76.2 | -0.0 | -6.6 | 47.0 | 47.0 | 88.3 |
| 16:39:00 | 20 18.2 | -49 1.2 | 310.2 | 348.7 | 2185 | 2108 | 16.8 | -15.6 | -3.8 | 68.8 | 72.4 | -0.4 | 204.7 | 298.7 | 33.2 | 120.2 |
| 16:39:30 | 20 15.7 | -49 3.0 | -60.6 | -99.6 | 116.6 | 2119 | 227.9 | 2.2 | 1.0* | 772.9 | 71.1 | 22.1 | 15.1 | 13.4 | 13.4 | -23.9 |
| 16:39:30 | 20 19.8 | -49 2.1 | -59.8 | -99.1 | 115.7 | 2106 | 228.2 | 2.2 | 0.8* | 776.8 | 71.2 | 22.0 | 14.7 | 16.0 | 16.0 | -37.6 |
| 16:39:31 | 20 16.6 | -49 2.2 | -59.6 | -98.9 | 115.5 | 2117 | 14.3 | -0.6 | -16.0 | 71.6 | 78.0 | -0.0 | -6.7 | 47.0 | 47.0 | 91.2 |
| 16:39:30 | 20 17.2 | -49 1.9 | 309.7 | 348.2 | 2185 | 2115 | 17.2 | -9.0 | -1.6 | 70.7 | 74.8 | -0.4 | 207.2 | 301.0 | 33.6 | 121.6 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:40:00 | 20 14.1 | -49 4.1 | -62.6 | -102.4 | 120.1 | 2132 | 226.1 | 1.8 | -2.4 | 772.4 | 75.1 | 22.9 | 15.4 | 14.3 | 14.3 | -23.6 |
| 16:40:00 | 20 18.1 | -49 3.1 | -61.8 | -101.9 | 119.2 | 2119 | 226.3 | 1.8 | -2.5 | 776.6 | 75.1 | 22.8 | 15.1 | 16.8 | 16.8 | -37.6 |
| 16:40:01 | 20 15.0 | -49 3.2 | -61.6 | -101.7 | 118.9 | 2130 | 14.7 | -4.9 | -17.8 | 75.7 | 82.2 | -0.0 | -7.1 | 47.0 | 47.0 | 94.1 |
| 16:40:00 | 20 15.0 | -49 3.2 | 310.1 | 350.9 | 2188 | 2129 | 16.9 | -9.0 | -1.5 | 74.7 | 79.3 | -0.4 | 212.8 | 299.5 | 30.7 | 125.0 |
| 16:40:30 | 20 12.4 | -49 5.1 | -61.7 | -101.4 | 118.7 | 2133 | 225.8* | 2.0 | 2.3* | 773.0 | 73.8 | 23.1 | 15.8 | 14.0 | 14.0 | -23.2 |
| 16:40:30 | 20 16.4 | -49 4.2 | -60.9 | -101.0 | 117.9 | 2119 | 226.0* | 2.0 | 2.2* | 777.1 | 73.8 | 23.0 | 15.4 | 16.4 | 16.4 | -37.6 |
| 16:40:31 | 20 13.3 | -49 4.3 | -60.7 | -100.7 | 117.6 | 2131 | 14.8 | -2.9 | -15.6 | 74.7 | 80.6 | -0.0 | -7.0 | 47.0 | 47.0 | 90.3 |
| 16:40:30 | 20 14.3 | -49 3.6 | 310.4 | 350.5 | 2182 | 2134 | 16.5 | -2.3 | 0.3 | 73.3 | 78.0 | -0.5 | 211.0 | 299.1 | 31.2 | 123.9 |
| 16:41:00 | 20 10.8 | -49 6.2 | -59.2 | -98.4 | 114.8 | 2137 | 225.6 | 2.6 | -0.9* | 773.3 | 67.2 | 22.8 | 16.1 | 14.0 | 14.0 | -23.3 |
| 16:41:00 | 20 14.8 | -49 5.2 | -58.4 | -97.9 | 114.0 | 2125 | 225.8 | 2.7 | -1.1* | 777.1 | 67.2 | 22.5 | 15.6 | 16.6 | 16.6 | -37.6 |
| 16:41:01 | 20 11.7 | -49 5.3 | -58.0 | -97.7 | 113.7 | 2138 | 15.2 | 3.7 | -14.1 | 67.7 | 74.0 | -0.0 | -6.4 | 47.0 | 47.0 | 88.9 |
| 16:41:00 | 20 11.7 | -49 5.3 | 310.8 | 351.0 | 2183 | 2136 | 17.0 | -9.4 | -1.7 | 66.9 | 70.8 | -0.4 | 201.5 | 300.7 | 28.6 | 118.5 |
| 16:41:30 | 20 9.1 | -49 7.2 | -60.7 | -104.8 | 121.1 | 2151 | 223.1 | 2.1 | 0.5* | 772.7 | 71.7 | 22.3 | 15.2 | 14.3 | 14.3 | -23.0 |
| 16:41:30 | 20 13.2 | -49 6.2 | -59.9 | -104.4 | 120.3 | 2137 | 223.4 | 2.0 | 0.4* | 776.8 | 71.8 | 22.1 | 14.8 | 16.7 | 16.7 | -37.6 |
| 16:41:31 | 20 10.0 | -49 6.3 | -59.6 | -104.1 | 120.0 | 2147 | 14.6 | -0.5 | -15.7 | 72.1 | 78.8 | -0.0 | -6.8 | 47.0 | 47.0 | 96.0 |
| 16:41:30 | 20 10.1 | -49 6.3 | 309.8 | 350.6 | 2186 | 2148 | 16.6 | -7.7 | -1.2 | 71.2 | 75.9 | -0.4 | 208.1 | 304.3 | 26.9 | 122.2 |
| 16:42:00 | 20 7.4 | -49 8.2 | -62.8 | -108.8 | 125.6 | 2161 | 223.5 | 1.4 | 1.5* | 772.1 | 80.1 | 23.1 | 15.2 | 14.2 | 14.2 | -23.5 |
| 16:42:00 | 20 11.4 | -49 7.2 | -62.0 | -108.4 | 124.9 | 2147 | 223.7 | 1.4 | 1.3* | 776.7 | 80.1 | 23.1 | 14.9 | 16.7 | 16.7 | -37.6 |
| 16:42:01 | 20 8.3 | -49 7.3 | -61.6 | -108.2 | 124.5 | 2156 | 14.4 | -8.1 | -18.8 | 80.5 | 87.4 | -0.0 | -7.5 | 47.0 | 47.0 | 95.3 |
| 16:42:00 | 20 8.3 | -49 7.3 | 309.9 | 350.4 | 2187 | 2158 | 16.7 | -10.7 | -1.9 | 79.3 | 84.4 | -0.4 | 219.5 | 300.2 | 29.0 | 128.8 |
| 16:42:30 | 20 5.7 | -49 9.4 | -68.3 | -97.2 | 118.8 | 2125 | 228.3 | 1.7 | -1.5 | 776.1 | 77.8 | 23.4 | 15.7 | 13.3 | 13.3 | -22.3 |
| 16:42:30 | 20 9.8 | -49 8.4 | -67.6 | -96.8 | 118.1 | 2113 | 228.5 | 1.7 | -1.6 | 780.4 | 77.9 | 23.2 | 15.3 | 15.8 | 15.8 | -37.6 |
| 16:42:31 | 20 6.6 | -49 8.5 | -67.1 | -96.6 | 117.7 | 2121 | 14.5 | -5.3 | -16.9 | 77.8 | 85.0 | -0.0 | -7.3 | 47.0 | 47.0 | 86.4 |
| 16:42:30 | 20 6.7 | -49 8.4 | 310.0 | 348.0 | 2149 | 2123 | 18.9 | -13.2 | -2.7 | 77.6 | 81.9 | -0.4 | 216.6 | 294.5 | 27.8 | 126.9 |
| 16:43:00 | 20 4.2 | -49 10.5 | -58.0 | -94.0 | 110.4 | 2127 | 225.1 | 2.8 | 0.5 | 776.8 | 65.5 | 21.9 | 15.4 | 13.5 | 13.5 | -22.6 |
| 16:43:00 | 20 8.2 | -49 9.4 | -57.3 | -93.6 | 109.8 | 2114 | 225.3 | 2.8 | 0.4* | 780.5 | 65.5 | 21.7 | 15.0 | 16.0 | 16.0 | -37.6 |
| 16:43:01 | 20 5.1 | -49 9.5 | -56.9 | -93.4 | 109.3 | 2125 | 14.3 | 6.5 | -12.0 | 66.0 | 71.8 | -0.0 | -6.2 | 47.0 | 47.0 | 90.0 |
| 16:43:00 | 20 5.2 | -49 9.4 | 309.6 | 348.2 | 2148 | 2125 | 20.5 | -8.1 | -1.3 | 66.2 | 68.9 | -0.5 | 199.0 | 294.7 | 26.3 | 116.6 |
| 16:43:30 | 20 2.6 | -49 11.4 | -58.9 | -96.7 | 113.2 | 2135 | 224.1* | 2.3 | -1.6* | 776.3 | 70.3 | 22.1 | 15.1 | 13.4 | 13.4 | -23.4 |
| 16:43:30 | 20 6.7 | -49 10.4 | -58.2 | -96.3 | 112.5 | 2122 | 224.4* | 2.2 | -1.7* | 780.2 | 70.4 | 21.8 | 14.6 | 16.0 | 16.0 | -37.6 |
| 16:43:31 | 20 3.6 | -49 10.5 | -57.8 | -96.1 | 112.1 | 2132 | 14.0 | 2.8 | -13.4 | 70.5 | 77.3 | -0.0 | -6.6 | 47.0 | 47.0 | 91.2 |
| 16:43:30 | 20 3.7 | -49 10.4 | 309.4 | 347.8 | 2151 | 2135 | 17.9 | -10.0 | -2.6 | 69.0 | 73.8 | -0.4 | 206.1 | 290.8 | 25.9 | 120.7 |
| 16:44:00 | 20 1.0 | -49 12.4 | -58.6 | -96.2 | 112.6 | 2140 | 225.4 | 2.4 | 1.7 | 776.3 | 68.3 | 21.8 | 15.0 | 13.2 | 13.2 | -22.9 |
| 16:44:00 | 20 5.1 | -49 11.4 | -57.9 | -95.9 | 112.0 | 2125 | 225.6 | 2.4 | 1.6 | 780.2 | 68.3 | 21.7 | 14.7 | 15.6 | 15.6 | -37.6 |
| 16:44:01 | 20 2.0 | -49 11.4 | -57.3 | -95.8 | 111.6 | 2138 | 14.0 | 1.5 | -13.4 | 68.6 | 74.8 | -0.0 | -6.5 | 47.0 | 47.0 | 90.3 |
| 16:44:00 | 20 2.0 | -49 11.4 | 309.3 | 347.1 | 2151 | 2138 | 19.8 | -9.6 | -2.1 | 68.0 | 72.0 | -0.5 | 203.2 | 295.0 | 27.8 | 119.0 |
| 16:44:30 | 19 59.5 | -49 13.4 | -57.5 | -96.8 | 112.6 | 2146 | 223.3 | 2.4 | -0.5* | 776.2 | 69.0 | 22.4 | 15.6 | 12.9 | 12.9 | -23.0 |
| 16:44:30 | 20 3.6 | -49 12.4 | -56.9 | -96.5 | 112.0 | 2132 | 223.5 | 2.4 | -0.6* | 780.1 | 69.1 | 22.1 | 15.1 | 15.0 | 15.0 | -37.6 |
| 16:44:31 | 20 0.4 | -49 12.4 | -56.4 | -96.3 | 111.6 | 2144 | 14.4 | 1.7 | -13.6 | 69.2 | 75.7 | -0.0 | -6.5 | 47.0 | 47.0 | 85.1 |
| 16:44:30 | 20 0.5 | -49 12.4 | 309.9 | 347.0 | 2152 | 2143 | 23.5 | -8.3 | -1.5 | 67.6 | 72.5 | -0.5 | 204.2 | 291.0 | 25.6 | 119.7 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:45:00 | 19 57.9 | -49 14.4 | -56.0 | -99.2 | 113.9 | 2140 | 221.5 | 1.9 | 0.6 | 777.1 | 71.0 | 22.7 | 15.7 | 11.0 | 11.0 | -23.3 |
| 16:45:00 | 20 2.0 | -49 13.3 | -55.4 | -98.9 | 113.3 | 2125 | 221.7 | 1.9 | 0.5 | 781.0 | 71.0 | 22.4 | 15.1 | 14.1 | 14.1 | -37.6 |
| 16:45:01 | 19 58.8 | -49 13.4 | -54.8 | -98.7 | 112.9 | 2137 | 14.4 | 0.2 | -11.9 | 71.3 | 77.8 | -0.0 | -6.7 | 47.0 | 47.0 | 74.8 |
| 16:45:00 | 19 59.1 | -49 13.2 | 309.9 | 342.7 | 2142 | 2139 | 24.8 | -5.3 | -3.3 | 69.3 | 74.7 | -0.5 | 207.0 | 288.7 | 25.4 | 121.2 |
| 16:45:30 | 19 56.3 | -49 15.3 | -51.1 | -102.8 | 114.7 | 2145 | 217.8 | 2.1 | -0.1 | 776.9 | 72.4 | 22.7 | 15.5 | 12.0 | 12.0 | -22.9 |
| 16:45:30 | 20 0.4 | -49 14.3 | -50.4 | -102.5 | 114.2 | 2131 | 218.1 | 2.0 | -0.2 | 781.0 | 72.4 | 22.4 | 15.0 | 15.0 | 15.0 | -37.6 |
| 16:45:31 | 19 57.2 | -49 14.3 | -49.8 | -102.4 | 113.9 | 2143 | 14.0 | -2.8 | -13.1 | 72.7 | 79.1 | -0.0 | -6.8 | 47.0 | 47.0 | 80.7 |
| 16:45:30 | 19 57.6 | -49 14.1 | 309.7 | 344.6 | 2142 | 2141 | 24.1 | -5.8 | -2.5 | 71.4 | 76.1 | -0.5 | 209.0 | 283.9 | 24.3 | 122.4 |
| 16:46:00 | 19 54.6 | -49 16.2 | -51.1 | -100.8 | 113.0 | 2145 | 217.7 | 2.3 | -0.9* | 777.1 | 71.4 | 22.0 | 14.9 | 12.6 | 12.6 | -22.5 |
| 16:46:00 | 19 58.7 | -49 15.1 | -50.4 | -100.6 | 112.6 | 2132 | 217.9 | 2.3 | -1.0* | 781.0 | 71.4 | 21.7 | 14.4 | 15.3 | 15.3 | -37.6 |
| 16:46:01 | 19 55.6 | -49 15.2 | -49.8 | -100.5 | 112.1 | 2144 | 13.8 | -1.8 | -14.5 | 71.9 | 78.4 | -0.0 | -6.7 | 47.0 | 47.0 | 87.2 |
| 16:46:00 | 19 56.0 | -49 14.9 | 309.1 | 345.3 | 2142 | 2143 | 20.1 | -5.1 | -1.0 | 70.6 | 75.1 | -0.4 | 207.6 | 281.6 | 23.5 | 121.4 |
| 16:46:30 | 19 53.0 | -49 17.1 | -54.6 | -97.1 | 111.3 | 2151 | 219.9 | 1.9 | 0.6 | 776.8 | 72.1 | 23.0 | 15.8 | 10.7 | 10.7 | -23.6 |
| 16:46:30 | 19 57.1 | -49 16.0 | -54.0 | -96.9 | 110.9 | 2137 | 220.1 | 1.8 | 0.4 | 780.8 | 72.1 | 22.7 | 15.3 | 13.8 | 13.8 | -37.6 |
| 16:46:31 | 19 54.0 | -49 16.1 | -53.3 | -96.8 | 110.5 | 2148 | 14.6 | -1.8 | -13.6 | 72.2 | 78.8 | -0.0 | -6.8 | 47.0 | 47.0 | 72.4 |
| 16:46:30 | 19 54.5 | -49 15.7 | 310.1 | 342.3 | 2144 | 2149 | 23.9 | -9.2 | -2.2 | 71.1 | 76.0 | -0.5 | 208.6 | 276.5 | 23.1 | 122.2 |
| 16:47:00 | 19 51.5 | -49 18.1 | -52.9 | -96.4 | 110.0 | 2153 | 219.7* | 2.3 | -8.5* | 777.1 | 71.2 | 23.1 | 16.0 | 11.5 | 11.5 | -23.4 |
| 16:47:00 | 19 55.6 | -49 17.0 | -52.4 | -96.2 | 109.5 | 2139 | 219.9* | 2.4 | -8.6* | 781.0 | 71.2 | 22.8 | 15.5 | 14.2 | 14.2 | -37.6 |
| 16:47:01 | 19 52.4 | -49 17.0 | -51.9 | -96.0 | 109.1 | 2151 | 14.6 | -0.2 | -12.2 | 70.7 | 77.9 | -0.0 | -6.7 | 47.0 | 47.0 | 75.4 |
| 16:47:00 | 19 52.8 | -49 16.8 | 310.3 | 344.2 | 2143 | 2149 | 20.2 | -16.1 | -3.8 | 70.4 | 74.8 | -0.5 | 207.3 | 274.0 | 23.0 | 121.5 |
| 16:47:30 | 19 49.6 | -49 17.9 | 86.6 | -102.5 | 134.2 | 2154 | 146.0* | 3.2 | -29.9 | 778.0 | 67.9 | 23.1 | 16.3 | 10.9 | 10.9 | -23.2 |
| 16:47:30 | 19 53.7 | -49 16.8 | 87.1 | -102.2 | 134.2 | 2141 | 146.3* | 3.2 | -30.0 | 781.3 | 67.9 | 22.7 | 15.8 | 13.7 | 13.7 | -37.6 |
| 16:47:31 | 19 50.6 | -49 16.8 | 87.8 | -102.4 | 134.9 | 2148 | 14.2 | 11.7 | -8.5 | 68.4 | 75.0 | -0.0 | -6.4 | 47.0 | 47.0 | 70.9 |
| 16:47:30 | 19 50.6 | -49 16.8 | 310.5 | 343.0 | 2139 | 2148 | 20.3 | -6.7 | -2.4 | 67.0 | 70.9 | -0.5 | 202.6 | 278.7 | 21.7 | 118.7 |
| 16:48:00 | 19 49.0 | -49 15.8 | 141.1 | 11.5 | 141.6 | 2153 | 82.3 | 2.5 | -2.1* | 777.1 | 65.8 | 22.7 | 16.1 | 10.2 | 10.2 | -23.4 |
| 16:48:00 | 19 53.1 | -49 14.6 | 141.5 | 11.9 | 142.0 | 2141 | 82.6 | 2.5 | -2.3* | 780.9 | 65.9 | 22.3 | 15.6 | 13.3 | 13.3 | -37.6 |
| 16:48:01 | 19 50.0 | -49 14.6 | 142.5 | 11.9 | 143.0 | 2162 | 14.8 | 4.4 | -10.9 | 67.3 | 72.7 | -0.0 | -6.2 | 47.0 | 47.0 | 68.6 |
| 16:48:00 | 19 50.0 | -49 14.6 | 310.4 | 341.5 | 2143 | 2150 | 23.2 | 7.6 | 2.0 | 64.3 | 69.4 | -0.5 | 199.6 | 274.0 | 25.0 | 117.0 |
| 16:48:30 | 19 49.1 | -49 13.3 | 148.0 | 5.9 | 148.1 | 2156 | 87.1 | 2.1 | 2.4 | 776.6 | 72.0 | 23.2 | 16.1 | 10.0 | 10.0 | -23.4 |
| 16:48:30 | 19 53.3 | -49 12.1 | 148.3 | 6.3 | 148.5 | 2140 | 87.3 | 2.1 | 2.3* | 780.7 | 72.0 | 22.9 | 15.6 | 13.1 | 13.1 | -37.6 |
| 16:48:31 | 19 50.1 | -49 12.1 | 149.4 | 6.2 | 149.5 | 2152 | 14.8 | -2.1 | -12.7 | 72.4 | 78.9 | -0.0 | -6.8 | 47.0 | 47.0 | 67.8 |
| 16:48:30 | 19 50.1 | -49 13.1 | 310.4 | 341.1 | 2145 | 2154 | 23.2 | -6.5 | -2.6 | 70.6 | 75.9 | -0.5 | 208.5 | 272.0 | 26.1 | 122.2 |
| 16:49:00 | 19 49.2 | -49 10.7 | 153.0 | 3.0 | 153.1 | 2153 | 89.2 | 1.6 | -0.4 | 776.4 | 77.3 | 23.6 | 15.9 | 10.5 | 10.5 | -23.3 |
| 16:49:00 | 19 53.3 | -49 9.5 | 153.3 | 3.4 | 153.3 | 2140 | 89.3 | 1.6 | -0.5 | 780.8 | 77.3 | 23.3 | 15.4 | 13.4 | 13.4 | -37.6 |
| 16:49:01 | 19 50.2 | -49 9.5 | 154.4 | 3.2 | 154.4 | 2149 | 14.6 | -6.4 | -15.7 | 77.5 | 84.2 | -0.0 | -7.3 | 47.0 | 47.0 | 70.7 |
| 16:49:00 | 19 50.2 | -49 9.5 | 310.2 | 341.8 | 2145 | 2152 | 21.2 | -5.3 | -1.8 | 75.7 | 81.4 | -0.5 | 215.8 | 267.9 | 26.7 | 126.4 |
| 16:49:30 | 19 49.2 | -49 8.0 | 152.6 | 1.4 | 152.6 | 2148 | 90.7 | 1.9 | -0.5* | 776.8 | 75.9 | 23.4 | 15.9 | 10.1 | 10.1 | -22.8 |
| 16:49:30 | 19 53.4 | -49 6.9 | 152.8 | 1.8 | 152.8 | 2136 | 90.9 | 1.9 | -0.6* | 781.1 | 75.9 | 23.1 | 15.4 | 12.9 | 12.9 | -37.6 |
| 16:49:31 | 19 50.2 | -49 6.8 | 153.9 | 1.5 | 153.9 | 2143 | 14.6 | -4.5 | -14.6 | 76.0 | 82.7 | -0.0 | -7.1 | 47.0 | 47.0 | 68.8 |
| 16:49:30 | 19 50.2 | -49 6.9 | 310.2 | 341.0 | 2142 | 2145 | 20.1 | -9.7 | -2.3 | 75.0 | 80.0 | -0.5 | 213.9 | 266.3 | 27.4 | 125.2 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:50:00 | 19 49.2 | -49 5.4 | 150.6 | -0.9 | 150.6 | 2147 | 91.8 | 2.1 | -0.2* | 776.9 | 73.4 | 22.9 | 15.6 | 11.2 | 11.2 | -23.4 |
| 16:50:00 | 19 53.4 | -49 4.3 | 150.8 | -0.6 | 150.8 | 2134 | 92.0 | 2.1 | -0.3* | 781.0 | 73.4 | 22.6 | 15.1 | 13.9 | 13.9 | -37.6 |
| 16:50:01 | 19 50.2 | -49 4.2 | 151.9 | -0.8 | 151.9 | 2140 | 14.4 | -2.0 | -13.5 | 73.5 | 80.2 | -0.0 | -6.9 | 47.0 | 47.0 | 75.9 |
| 16:50:00 | 19 50.2 | -49 4.2 | 309.9 | 343.1 | 2142 | 2144 | 22.2 | -9.4 | -3.6 | 72.6 | 77.3 | -0.5 | 210.4 | 266.1 | 27.5 | 123.2 |
| 16:50:30 | 19 49.2 | -49 2.9 | 149.7 | 0.7 | 149.7 | 2147 | 91.5 | 1.9 | -0.6 | 776.9 | 72.6 | 22.8 | 15.6 | 11.5 | 11.5 | -23.4 |
| 16:50:30 | 19 53.4 | -49 1.7 | 149.8 | 1.0 | 149.9 | 2133 | 91.7 | 1.9 | -0.7 | 780.9 | 72.6 | 22.5

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:55:00 | 19 49.2 | -48 39.8 | 148.3 | 0.5 | 148.3 | 2139 | 95.7 | 2.5 | 0.2 | 777.4 | 67.8 | 22.1 | 15.4 | 10.5 | 10.5 | -23.1 |
| 16:55:00 | 19 53.4 | -48 38.6 | 148.2 | 0.7 | 148.2 | 2126 | 95.8 | 2.5 | 0.1 | 781.2 | 67.8 | 21.8 | 14.9 | 13.0 | 13.0 | -37.6 |
| 16:55:01 | 19 50.2 | -48 38.3 | 149.4 | 0.2 | 149.4 | 2135 | 14.2 | 3.1 | -11.0 | 68.0 | 74.9 | -0.0 | -6.4 | 47.0 | 47.0 | 73.6 |
| 16:55:00 | 19 50.2 | -48 38.5 | 309.6 | 341.3 | 2140 | 2136 | 23.3 | -9.4 | -2.8 | 67.5 | 71.3 | -0.5 | 202.5 | 249.8 | 32.3 | 118.5 |
| 16:55:30 | 19 49.3 | -48 37.2 | 148.8 | 0.2 | 148.8 | 2144 | 96.7 | 2.3 | -0.3 | 777.1 | 69.6 | 22.5 | 15.5 | 10.2 | 10.2 | -22.8 |
| 16:55:30 | 19 53.4 | -48 36.1 | 148.7 | 0.4 | 148.7 | 2130 | 96.9 | 2.3 | -0.4 | 780.9 | 69.6 | 22.1 | 15.0 | 12.7 | 12.7 | -37.6 |
| 16:55:31 | 19 50.2 | -48 35.8 | 149.9 | -0.1 | 149.9 | 2140 | 14.2 | 0.6 | -11.8 | 69.8 | 76.5 | -0.0 | -6.6 | 47.0 | 47.0 | 71.3 |
| 16:55:30 | 19 50.2 | -48 36.1 | 309.8 | 340.9 | 2143 | 2141 | 23.4 | -9.3 | -3.1 | 68.5 | 73.2 | -0.5 | 205.0 | 246.0 | 32.3 | 120.0 |
| 16:56:00 | 19 49.3 | -48 34.7 | 148.6 | 0.7 | 148.6 | 2145 | 96.6 | 2.3 | -0.2 | 777.1 | 69.7 | 22.6 | 15.6 | 10.0 | 10.0 | -23.3 |
| 16:56:00 | 19 53.4 | -48 33.5 | 148.5 | 0.8 | 148.5 | 2132 | 96.8 | 2.3 | -0.3 | 781.0 | 69.7 | 22.2 | 15.1 | 12.4 | 12.4 | -37.6 |
| 16:56:01 | 19 50.2 | -48 33.2 | 149.7 | 0.3 | 149.7 | 2138 | 14.3 | 1.1 | -11.9 | 69.9 | 76.6 | -0.0 | -6.6 | 47.0 | 47.0 | 70.0 |
| 16:56:00 | 19 50.2 | -48 33.7 | 309.9 | 340.6 | 2142 | 2140 | 22.4 | -8.6 | -3.0 | 68.6 | 73.4 | -0.5 | 205.2 | 245.3 | 32.2 | 120.1 |
| 16:56:30 | 19 49.3 | -48 32.1 | 149.7 | 19.8 | 151.0 | 2147 | 85.8* | 2.9 | -25.7 | 777.6 | 70.4 | 22.3 | 15.3 | 10.8 | 10.8 | -23.7 |
| 16:56:30 | 19 53.5 | -48 30.9 | 149.5 | 20.0 | 150.9 | 2132 | 86.0* | 2.9 | -25.8 | 781.1 | 70.5 | 22.0 | 14.8 | 13.3 | 13.3 | -37.6 |
| 16:56:31 | 19 50.3 | -48 30.6 | 150.8 | 19.3 | 152.1 | 2141 | 13.6 | 7.5 | -10.5 | 71.0 | 77.7 | -0.0 | -6.6 | 47.0 | 47.0 | 75.3 |
| 16:56:30 | 19 50.3 | -48 30.6 | 309.5 | 341.7 | 2142 | 2141 | 21.1 | -4.0 | -2.2 | 69.4 | 73.5 | -0.5 | 206.2 | 247.3 | 31.8 | 120.7 |
| 16:57:00 | 19 50.6 | -48 30.0 | 78.3 | 124.5 | 147.1 | 2143 | 23.4* | 2.9 | -24.1 | 777.9 | 68.5 | 22.5 | 15.7 | 10.4 | 10.4 | -23.0 |
| 16:57:00 | 19 54.8 | -48 28.8 | 77.8 | 124.5 | 146.8 | 2130 | 23.6* | 2.9 | -24.1 | 781.2 | 68.6 | 22.2 | 15.2 | 12.7 | 12.7 | -37.6 |
| 16:57:01 | 19 51.6 | -48 28.5 | 79.3 | 124.2 | 147.3 | 2136 | 13.8 | 7.0 | -10.1 | 68.7 | 75.8 | -0.0 | -6.5 | 47.0 | 47.0 | 71.3 |
| 16:57:00 | 19 51.5 | -48 28.5 | 309.9 | 341.3 | 2140 | 2137 | 18.2 | -9.8 | -1.4 | 67.9 | 71.5 | -0.5 | 203.5 | 243.6 | 34.4 | 119.1 |
| 16:57:30 | 19 52.7 | -48 29.6 | -1.2 | 131.5 | 131.5 | 2138 | 345.4 | 2.6 | -2.2* | 777.5 | 67.2 | 22.2 | 15.5 | 10.7 | 10.7 | -22.7 |
| 16:57:30 | 19 56.9 | -48 28.4 | -1.6 | 131.3 | 131.4 | 2123 | 345.5 | 2.6 | -2.3* | 781.2 | 67.2 | 21.8 | 15.0 | 13.0 | 13.0 | -37.6 |
| 16:57:31 | 19 53.7 | -48 28.0 | -0.3 | 131.1 | 131.1 | 2133 | 14.2 | 3.5 | -12.0 | 67.3 | 74.4 | -0.0 | -6.4 | 47.0 | 47.0 | 73.6 |
| 16:57:30 | 19 53.5 | -48 28.0 | 309.7 | 341.7 | 2140 | 2135 | 24.1 | -8.7 | -2.5 | 66.5 | 70.5 | -0.5 | 201.5 | 239.1 | 34.3 | 118.0 |
| 16:58:00 | 19 54.9 | -48 29.6 | -5.4 | 132.3 | 132.4 | 2136 | 343.9 | 2.3 | -0.3 | 777.1 | 66.2 | 21.4 | 14.8 | 11.8 | 11.8 | -22.1 |
| 16:58:00 | 19 59.1 | -48 28.5 | -5.8 | 132.1 | 132.2 | 2123 | 344.0 | 2.3 | -0.4 | 780.8 | 66.3 | 21.1 | 14.3 | 14.0 | 14.0 | -37.6 |
| 16:58:01 | 19 55.8 | -48 28.0 | -4.5 | 131.9 | 131.9 | 2134 | 13.6 | 2.8 | -12.5 | 66.6 | 73.7 | -0.0 | -6.3 | 47.0 | 47.0 | 82.8 |
| 16:58:00 | 19 55.8 | -48 28.0 | 309.0 | 343.3 | 2145 | 2133 | 20.6 | -6.7 | -1.3 | 65.9 | 69.7 | -0.5 | 200.1 | 234.2 | 34.2 | 117.1 |
| 16:58:30 | 19 57.1 | -48 29.7 | -0.9 | 136.9 | 136.9 | 2137 | 346.0 | 2.4 | 0.6 | 776.4 | 70.3 | 21.6 | 14.7 | 11.7 | 11.7 | -23.1 |
| 16:58:30 | 20 1.3 | -48 28.5 | -1.3 | 136.7 | 136.8 | 2125 | 346.2 | 2.4 | 0.5 | 780.4 | 70.4 | 21.3 | 14.2 | 14.0 | 14.0 | -37.6 |
| 16:58:31 | 19 58.0 | -48 28.1 | -0.1 | 136.5 | 136.5 | 2138 | 13.5 | -1.1 | -14.2 | 70.7 | 77.5 | -0.0 | -6.6 | 47.0 | 47.0 | 83.3 |
| 16:58:30 | 19 57.8 | -48 28.1 | 308.9 | 343.0 | 2149 | 2133 | 20.8 | -7.5 | -1.8 | 69.0 | 74.1 | -0.5 | 206.1 | 235.1 | 35.3 | 120.6 |
| 16:59:00 | 19 59.3 | -48 29.7 | -0.5 | 140.8 | 140.8 | 2129 | 346.9 | 1.6 | -0.2 | 776.8 | 73.0 | 21.8 | 14.5 | 12.3 | 12.3 | -23.5 |
| 16:59:00 | 20 3.5 | -48 28.5 | -1.0 | 140.6 | 140.6 | 2115 | 347.1 | 1.6 | -0.3 | 780.8 | 73.0 | 21.5 | 14.1 | 14.6 | 14.6 | -37.6 |
| 16:59:01 | 20 0.3 | -48 28.1 | 0.2 | 140.3 | 140.3 | 2129 | 13.4 | -1.2 | -14.2 | 72.9 | 79.9 | -0.0 | -6.9 | 47.0 | 47.0 | 87.7 |
| 16:59:00 | 20 0.2 | -48 28.1 | 308.7 | 344.3 | 2144 | 2126 | 17.9 | -12.9 | -3.6 | 72.0 | 76.8 | -0.5 | 209.9 | 233.1 | 36.2 | 122.7 |
| 16:59:30 | 20 1.6 | -48 29.7 | -0.3 | 140.9 | 140.9 | 2123 | 346.9 | 2.3 | -0.3 | 776.8 | 71.2 | 21.7 | 14.6 | 13.1 | 13.1 | -23.4 |
| 16:59:30 | 20 5.8 | -48 28.6 | -0.8 | 140.7 | 140.7 | 2108 | 347.1 | 2.3 | -0.5 | 780.8 | 71.3 | 21.5 | 14.3 | 15.5 | 15.5 | -37.6 |
| 16:59:31 | 20 2.6 | -48 28.1 | 0.4 | 140.4 | 140.4 | 2124 | 13.7 | -1.0 | -14.2 | 71.6 | 77.9 | -0.0 | -6.7 | 47.0 | 47.0 | 91.7 |
| 16:59:30 | 20 2.2* | -48 28.1 | 308.8 | 346.1 | 2145 | 2118 | 16.7 | -8.7 | -1.9 | 70.7 | 74.9 | -0.4 | 207.4 | 230.7 | 36.3 | 121.3 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 17:00:00 | 20 3.9 | -48 29.6 | 5.6 | 138.5 | 138.6 | 2154 | 349.4* | 3.4 | -6.6* | 773.8 | 65.6 | 21.3 | 14.7 | 12.9 | 12.9 | -23.7 |
| 17:00:00 | 20 8.1 | -48 28.5 | 5.1 | 138.2 | 138.3 | 2140 | 349.6* | 3.4 | -6.8* | 777.4 | 65.6 | 21.2 | 14.5 | 15.4 | 15.4 | -37.6 |
| 17:00:01 | 20 4.8 | -48 28.0 | 6.4 | 137.9 | 138.1 | 2156 | 13.9 | 4.1 | -13.2 | 65.8 | 73.0 | -0.0 | -6.2 | 47.0 | 47.0 | 90.1 |
| 17:00:00 | 20 4.8 | -48 28.0 | 309.3 | 346.5 | 2179 | 2151 | 17.5 | -13.4 | -2.9 | 65.4 | 68.8 | -0.4 | 199.2 | 230.0 | 37.4 | 116.8 |
| 17:00:30 | 20 6.1 | -48 29.7 | -10.8 | 132.4 | 132.9 | 2187 | 339.2 | 1.6 | -3.5* | 770.3 | 63.9 | 21.2 | 14.8 | 12.6 | 12.6 | -23.4 |
| 17:00:30 | 20 10.3 | -48 28.6 | -11.4 | 132.2 | 132.7 | 2174 | 339.4 | 1.7 | -3.7* | 773.8 | 63.9 | 21.0 | 14.5 | 15.0 | 15.0 | -37.6 |
| 17:00:31 | 20 7.0 | -48 28.0 | -10.2 | 131.8 | 132.2 | 2186 | 13.8 | -2.5 | -15.6 | 64.8 | 70.2 | -0.0 | -6.1 | 47.0 | 47.0 | 87.9 |
| 17:00:30 | 20 7.0 | -48 28.0 | 309.8 | 346.5 | 2217 | 2185 | 18.2 | -4.5 | -1.0 | 63.7 | 67.2 | -0.4 | 196.6 | 231.1 | 39.0 | 115.6 |
| 17:01:00 | 20 8.3 | -48 29.9 | -15.0 | 142.2 | 143.0 | 2114 | 339.2 | 2.1 | 1.1* | 775.3 | 75.7 | 22.3 | 14.8 | 13.4 | 13.4 | -23.8 |
| 17:01:00 | 20 12.5 | -48 28.8 | -15.6 | 141.9 | 142.8 | 2103 | 339.4 | 2.1 | 1.0* | 779.6 | 75.7 | 22.0 | 14.3 | 15.6 | 15.6 | -37.6 |
| 17:01:01 | 20 9.2 | -48 28.3 | -14.4 | 141.6 | 142.3 | 2113 | 14.1 | -4.1 | -15.8 | 76.5 | 83.1 | -0.0 | -7.1 | 47.0 | 47.0 | 92.3 |
| 17:01:00 | 20 8.9* | -48 28.2 | 309.2 | 347.3 | 2157 | 2117 | 16.8 | -7.9 | -1.3 | 73.7 | 79.8 | -0.4 | 213.6 | 229.7 | 39.5 | 125.1 |
| 17:01:30 | 20 10.6 | -48 30.1 | -8.1 | 144.9 | 145.1 | 2103 | 341.9 | 2.3 | 1.9* | 775.9 | 73.7 | 22.4 | 15.1 | 13.3 | 13.3 | -23.4 |
| 17:01:30 | 20 14.8 | -48 29.0 | -8.7 | 144.7 | 144.9 | 2090 | 342.1 | 2.3 | 1.7* | 780.0 | 73.7 | 22.2 | 14.7 | 15.7 | 15.7 | -37.6 |
| 17:01:31 | 20 11.5 | -48 28.5 | -7.6 | 144.3 | 144.5 | 2103 | 14.3 | -1.5 | -14.7 | 74.4 | 80.9 | -0.0 | -6.9 | 47.0 | 47.0 | 90.4 |
| 17:01:30 | 20 11.5 | -48 28.5 | 309.4 | 347.4 | 2152 | 2100 | 16.9 | -7.0 | -0.8 | 71.0 | 77.4 | -0.4 | 210.9 | 228.0 | 41.5 | 123.5 |
| 17:02:00 | 20 13.0 | -48 30.2 | -5.4 | 143.9 | 144.0 | 2131 | 343.1 | 0.7 | 0.7* | 772.3 | 77.3 | 22.9 | 15.2 | 14.4 | 14.4 | -22.9 |
| 17:02:00 | 20 17.2 | -48 29.1 | -6.0 | 143.7 | 143.8 | 2119 | 343.3 | 0.6 | 0.5* | 776.7 | 77.4 | 22.9 | 15.0 | 16.9 | 16.9 | -37.6 |
| 17:02:01 | 20 13.9 | -48 28.6 | -4.9 | 143.2 | 143.3 | 2130 | 14.7 | -6.0 | -17.0 | 78.4 | 84.5 | -0.0 | -7.3 | 47.0 | 47.0 | 96.7 |
| 17:02:00 | 20 13.5* | -48 28.5 | 309.9 | 351.1 | 2186 | 2128 | 16.3 | -7.6 | -1.3 | 74.3 | 81.5 | -0.4 | 215.9 | 234.5 | 39.3 | 126.7 |
| 17:02:30 | 20 15.3 | -48 30.3 | -9.5 | 141.3 | 141.7 | 2139 | 341.4 | 0.4 | -0.4 | 771.1 | 74.1 | 23.1 | 15.7 | 14.6 | 14.6 | -23.4 |
| 17:02:30 | 20 19.5 | -48 29.3 | -10.1 | 141.1 | 141.5 | 2124 | 341.6 | 0.5 | -0.6 | 775.3 | 74.2 | 23.0 | 15.4 | 17.1 | 17.1 | -37.5 |
| 17:02:31 | 20 16.2 | -48 28.7 | -9.0 | 140.6 | 140.9 | 2135 | 14.9 | -6.1 | -17.2 | 75.1 | 81.1 | -0.0 | -7.0 | 47.0 | 47.0 | 94.9 |
| 17:02:30 | 20 16.2 | -48 28.7 | 310.6 | 352.6 | 2201 | 2136 | 16.7 | -4.1 | -0.4 | 72.2 | 78.1 | -0.4 | 211.5 | 232.2 | 38.3 | 124.4 |
| 17:03:00 | 20 17.6 | -48 30.5 | -9.5 | 141.3 | 141.6 | 2089 | 342.0 | 2.6* | 1.4 | 774.5 | 79.0 | 24.8 | 16.9 | 14.3 | 14.3 | -23.1 |
| 17:03:00 | 20 21.8 | -48 29.4 | -10.1 | 141.0 | 141.4 | 2075 | 342.3 | 2.6* | 1.3 | 778.9 | 79.1 | 24.4 | 16.3 | 16.8 | 16.8 | -37.6 |
| 17:03:01 | 20 18.5 | -48 28.8 | -9.3 | 140.5 | 140.8 | 2090 | 15.9 | 4.2 | -12.5 | 79.2 | 86.7 | -0.0 | -7.4 | 47.0 | 47.0 | 85.2 |
| 17:03:00 | 20 18.2* | -48 28.8 | 311.5 | 352.4 | 2164 | 2091 | 17.7 | -16.8 | -3.9 | 74.4 | 83.9 | -0.4 | 218.2 | 238.2 | 38.2 | 128.3 |
| 17:03:30 | 20 19.9 | -48 30.7 | -9.6 | 138.6 | 138.9 | 2066 | 338.5 | 2.0 | 0.1* | 775.7 | 72.8 | 23.3 | 16.0 | 13.7 | 13.7 | -22.7 |
| 17:03:30 | 20 24.1 | -48 29.6 | -10.3 | 138.4 | 138.7 | 2054 | 338.7 | 2.0 | -0.1* | 779.8 | 72.8 | 23.0 | 15.6 | 16.3 | 16.3 | -37.6 |
| 17:03:31 | 20 20.8 | -48 29.0 | -9.2 | 137.9 | 138.2 | 2068 | 14.9 | 0.1 | -14.6 | 73.9 | 80.3 | -0.0 | -6.9 | 47.0 | 47.0 | 87.0 |
| 17:03:30 | 20 20.7 | -48 29.0 | 310.4 | 349.5 | 2154 | 2063 | 18.0 | 1.5 | 1.3 | 69.8 | 76.8 | -0.5 | 209.6 | 235.4 | 41.9 | 123.0 |
| 17:04:00 | 20 22.1 | -48 30.9 | -14.4 | 134.8 | 135.5 | 2122 | 335.1 | 2.2 | 1.2 | 769.5 | 68.8 | 22.2 | 15.3 | 13.8 | 13.8 | -22.8 |
| 17:04:00 | 20 26.2 | -48 29.8 | -15.1 | 134.5 | 135.4 | 2110 | 335.3 | 2.1 | 1.1 | 773.4 | 68.8 | 22.1 | 15.0 | 16.4 | 16.4 | -37.6 |
| 17:04:01 | 20 22.9 | -48 29.2 | -14.2 | 134.0 | 134.7 | 2126 | 14.4 | -0.2 | -15.8 | 69.9 | 75.6 | -0.0 | -6.6 | 47.0 | 47.0 | 92.2 |
| 17:04:00 | 20 22.6* | -48 29.1 | 310.4 | 350.3 | 2221 | 2119 | 17.3 | -2.5 | 0.1 | 68.0 | 72.4 | -0.4 | 203.9 | 234.2 | 44.2 | 120.0 |
| 17:04:30 | 20 24.4 | -48 31.1 | -11.5 | 144.1 | 144.5 | 2090 | 338.5 | 1.1 | 1.4 | 771.2 | 75.6 | 23.4 | 15.8 | 14.6 | 14.6 | -23.3 |
| 17:04:30 | 20 28.5 | -48 30.1 | -12.2 | 143.8 | 144.3 | 2075 | 338.7 | 1.1 | 1.2 | 775.5 | 75.6 | 23.3 | 15.5 | 17.1 | 17.1 | -37.6 |
| 17:04:31 | 20 25.2 | -48 29.4 | -11.2 | 143.3 | 143.7 | 2090 | 15.0 | -2.7 | -16.1 | 75.9 | 82.9 | -0.0 | -7.1 | 47.0 | 47.0 | 94.0 |
| 17:04:30 | 20 25.2 | -48 29.4 | 310.7 | 352.6 | 2200 | 2087 | 17.2 | -11.7 | -2.3 | 73.0 | 79.5 | -0.4 | 213.5 | 232.3 | 45.5 | 125.6 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 17:05:00 | 20 26.7 | -48 31.3 | -7.3 | 147.8 | 147.9 | 2063 | 341.2 | 1.1 | 1.1 | 772.2 | 77.5 | 24.0 | 16.3 | 14.9 | 14.9 | -23.3 |
| 17:05:00 | 20 30.9 | -48 30.3 | -8.1 | 147.5 | 147.7 | 2049 | 341.5 | 1.1 | 1.0 | 776.6 | 77.6 | 24.0 | 16.1 | 17.3 | 17.3 | -37.6 |
| 17:05:01 | 20 27.6 | -48 29.6 | -7.2 | 146.9 | 147.1 | 2068 | 15.3 | -5.4 | -15.7 | 77.9 | 84.2 | -0.0 | -7.3 | 47.0 | 47.0 | 93.1 |
| 17:05:00 | 20 27.5 | -48 29.6 | 311.1 | 353.9 | 2187 | 2060 | 17.1 | -9.0 | -2.2 | 73.7 | 81.7 | -0.5 | 216.1 | 231.2 | 44.2 | 127.1 |
| 17:05:30 | 20 29.1 | -48 31.4 | -12.7 | 142.6 | 143.1 | 2075 | 337.1 | 3.9 | 0.2* | 770.0 | 74.4 | 23.6 | 16.2 | 14.5 | 14.5 | -23.2 |
| 17:05:30 | 20 33.3 | -48 30.4 | -13.5 | 142.3 | 143.0 | 2060 | 337.2 | 3.9 | 0.1* | 774.3 | 74.5 | 23.5 | 15.8 | 17.4 | 17.4 | -37.6 |
| 17:05:31 | 20 29.9 | -48 29.7 | -12.7 | 141.7 | 142.2 | 2078 | 14.9 | -1.9 | -16.3 | 75.1 | 82.3 | -0.0 | -7.1 | 47.0 | 47.0 | 91.2 |
| 17:05:30 | 20 29.9 | -48 29.7 | 311.2 | 353.0 | 2211 | 2069 | 16.9 | -4.7 | 0.2 | 73.4 | 78.5 | -0.5 | 211.9 | 232.2 | 45.5 | 124.8 |
| 17:06:00 | 20 31.5 | -48 31.6 | -11.9 | 148.4 | 148.9 | 2119 | 337.6 | 1.2 | 1.5 | 764.5 | 78.9 | 23.5 | 15.6 | 14.1 | 14.1 | -23.1 |
| 17:06:00 | 20 35.6 | -48 30.6 | -12.7 | 148.1 | 148.7 | 2107 | 337.8 | 1.2 | 1.4 | 769.1 | 78.9 | 23.4 | 15.2 | 17.0 | 17.0 | -37.6 |
| 17:06:01 | 20 32.3 | -48 29.9 | -11.9 | 147.5 | 148.0 | 2126 | 14.4 | -11.3 | -20.7 | 79.5 | 86.4 | -0.0 | -7.5 | 47.0 | 47.0 | 91.9 |
| 17:06:00 | 20 32.2 | -48 29.9 | 311.2 | 352.0 | 2265 | 2117 | 16.3 | -4.6 | -0.3 | 76.6 | 83.3 | -0.4 | 217.9 | 231.5 | 47.4 | 128.6 |
| 17:06:30 | 20 33.9 | -48 31.8 | -6.8 | 148.9 | 149.1 | 2098 | 340.7* | 1.1 | -2.8 | 765.1 | 81.7 | 24.1 | 16.0 | 14.5 | 14.5 | -22.9 |
| 17:06:30 | 20 38.0 | -48 30.8 | -7.6 | 148.7 | 148.9 | 2085 | 340.9* | 1.1 | -2.9 | 769.7 | 81.7 | 23.9 | 15.5 | 16.8 | 16.8 | -37.6 |
| 17:06:31 | 20 34.7 | -48 30.1 | -6.8 | 148.0 | 148.1 | 2098 | 14.9 | -11.3 | -20.5 | 82.2 | 88.8 | -0.0 | -7.7 | 47.0 | 47.0 | 92.3 |
| 17:06:30 | 20 34.6 | -48 30.1 | 311.5 | 353.5 | 2260 | 2094 | 16.3 | -4.3 | 0.3 | 78.7 | 85.9 | -0.4 | 221.7 | 235.1 | 44.4 | 130.9 |
| 17:07:00 | 20 36.3 | -48 31.9 | -5.1 | 144.0 | 144.1 | 2083 | 347.0 | 1.8 | -5.4 | 765.9 | 71.7 | 24.1 | 16.8 | 15.1 | 15.1 | -23.4 |
| 17:07:00 | 20 40.4 | -48 30.9 | -5.9 | 143.8 | 143.9 | 2069 | 347.2 | 1.8 | -5.5 | 769.8 | 71.7 | 23.9 | 16.4 | 17.4 | 17.4 | -37.6 |
| 17:07:01 | 20 37.0 | -48 30.2 | -5.0 | 143.0 | 143.1 | 2084 | 15.5 | -1.6 | -17.0 | 71.9 | 79.4 | -0.0 | -6.8 | 47.0 | 47.0 | 90.7 |
| 17:07:00 | 20 36.7* | -48 30.2 | 312.4 | 356.4 | 2258 | 2079 | 17.3 | -9.9 | -1.6 | 70.9 | 75.3 | -0.4 | 208.0 | 224.1 | 33.9 | 123.1 |
| 17:07:30 | 20 38.6 | -48 32.1 | -8.6 | 143.7 | 144.0 | 2080 | 349.0* | 1.1 | 1.6 | 765.2 | 73.6 | 24.4 | 17.0 | 15.1 | 15.1 | -23.7 |
| 17:07:30 | 20 42.7 | -48 31.1 | -9.4 | 143.5 | 143.8 | 2067 | 349.1* | 1.2 | 1.4 | 769.4 | 73.7 | 24.4 | 16.8 | 17.5 | 17.5 | -37.6 |
| 17:07:31 | 20 39.3 | -48 30.3 | -8.8 | 142.7 | 143.0 | 2083 | 16.3 | -5.0 | -18.3 | 74.5 | 80.7 | -0.0 | -7.0 | 47.0 | 47.0 | 90.0 |
| 17:07:30 | 20 39.3 | -48 30.3 | 312.6 | 356.6 | 2262 | 2077 | 17.3 | -5.6 | -0.5 | 72.5 | 77.3 | -0.4 | 210.8 | 215.9 | 26.4 | 124.7 |
| 17:08:00 | 20 40.9* | -48 32.2* | -9.1 | 145.0 | 145.3* | 2076* | 354.1 | 1.5 | -6.7* | 765.3 | 76.9 | 27.5 | 19.7 | 14.1 | 14.1 | -23.0 |
| 17:08:00 | 20 45.1* | -48 31.2* | -10.0 | 144.8 | 145.1 | 2063* | 354.3 | 1.4 | -6.8* | 769.5 | 76.9 | 27.3 | 19.2 | 16.6 | 16.6 | -37.6 |
| 17:08:01 | 20 41.7 | -48 30.5 | -9.2 | 144.0 | 144.3 | 2073 | 18.3 | -6.8 | -18.0 | 77.1 | 83.7 | -0.0 | -7.3 | 47.0 | 47.0 | 70.9 |
| 17:08:00 | 20 41.6 | -48 30.5 | 315.5 | 357.3 | 2261 | 2072 | 19.0 | -9.1 | -1.6 | 75.1 | 81.1 | -0.5 | 215.2 | 195.1 | 18.5 | 127.9 |
| 17:08:30 | 20 43.3 | -48 32.5 | -18.0 | 141.1 | 142.2 | 2092 | 351.4 | 1.4 | -0.8* | 763.6 | 78.0 | 26.9 | 19.0 | 14.6 | 14.6 | -23.3 |
| 17:08:30 | 20 47.4 | -48 31.6 | -18.8 | 140.9 | 142.1 | 2076 | 351.6 | 1.5 | -1.0* | 768.0 | 78.0 | 26.6 | 18.4 | 17.0 | 17.0 | -37.6 |
| 17:08:31 | 20 44.0 | -48 30.8 | -18.0 | 140.0 | 141.2 | 2091 | 17.7 | -7.1 | -17.7 | 78.0 | 84.7 | -0.0 | -7.4 | 47.0 | 47.0 | 76.4 |
| 17:08:30 | 20 43.9 | -48 30.8 | 314.9 | 357.9 | 2277 | 2089 | 22.1 | -9.9 | -3.3 | 75.9 | 82.2 | -0.5 | 216.7 | 189.9 | 14.2 | 128.7 |
| 17:09:00 | 20 45.5 | -48 32.7 | -15.2 | 140.4 | 141.2 | 2089 | 352.5 | 2.0 | -1.4 | 764.3 | 72.9 | 26.1 | 18.7 | 14.0 | 14.0 | -23.2 |
| 17:09:00 | 20 49.7 | -48 31.8 | -16.1 | 140.2 | 141.1 | 2072 | 352.8 | 2.0 | -1.5 | 768.4 | 72.9 | 25.8 | 18.2 | 16.5 | 16.5 | -37.6 |
| 17:09:01 | 20 46.2 | -48 31.0 | -15.4 | 139.3 | 140.2 | 2087 | 17.3 | -1.8 | -16.1 | 73.1 | 80.0 | -0.0 | -7.0 | 47.0 | 47.0 | 74.5 |
| 17:09:00 | 20 46.2 | -48 31.0 | 314.6 | 355.8 | 2273 | 2085 | 23.3 | -7.1 | -2.4 | 72.3 | 76.6 | -0.5 | 209.7 | 185.2 | 17.1 | 124.5 |
| 17:09:30 | 20 47.8 | -48 33.0 | -12.9 | 139.0 | 139.6 | 2093 | 354.9* | 1.7 | 4.4 | 763.6 | 74.3 | 25.4 | 17.9 | 14.7 | 14.7 | -23.1 |
| 17:09:30 | 20 51.9 | -48 32.1 | -13.7 | 138.8 | 139.5 | 2080 | 355.0* | 1.8 | 4.2 | 767.9 | 74.4 | 25.1 | 17.4 | 17.1 | 17.1 | -37.6 |
| 17:09:31 | 20 48.5 | -48 31.3 | -13.3 | 137.9 | 138.5 | 2091 | 16.7 | -3.8 | -16.2 | 74.6 | 81.2 | -0.0 | -7.1 | 47.0 | 47.0 | 82.6 |
| 17:09:30 | 20 48.5 | -48 31.3 | 313.8 | 357.0 | 2277 | 2092 | 23.3 | -6.2 | -2.0 | 72.6 | 78.4 | -0.5 | 211.7 | 175.5 | 14.0 | 125.6 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 17:10:00 | 20 50.1 | -48 33.1 | -9.9 | 137.8 | 138.1 | 2090 | 356.3 | 2.0 | -0.1* | 764.2 | 71.5 | 25.0 | 17.7 | 14.9 | 14.9 | -23.6 |
| 17:10:00 | 20 54.2 | -48 32.3 | -10.7 | 137.6 | 138.0 | 2074 | 356.5 | 1.9 | -0.2* | 768.2 | 71.6 | 24.7 | 17.2 | 17.1 | 17.1 | -37.6 |
| 17:10:01 | 20 50.7 | -48 31.4 | -10.3 | 136.7 | 137.1 | 2089 | 16.4 | -2.0 | -15.7 | 71.6 | 79.0 | -0.0 | -6.8 | 47.0 | 47.0 | 84.6 |
| 17:10:00 | 20 50.7 | -48 31.4 | 313.6 | 357.2 | 2275 | 2087 | 19.3 | -8.7 | -2.7 | 71.4 | 75.2 | -0.5 | 207.8 | 176.3 | 15.0 | 123.2 |
| 17:10:30 | 20 52.3 | -48 33.3 | -12.5 | 138.4 | 139.0 | 2088 | 356.2 | 2.2 | -0.5 | 764.6 | 69.9 | 25.9 | 18.8 | 14.4 | 14.4 | -23.1 |
| 17:10:30 | 20 56.4 | -48 32.5 | -13.4 | 138.3 | 138.9 | 2071 | 356.4 | 2.2 | -0.7 | 768.4 | 69.9 | 25.5

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 17:15:00 | 21 13.2 | -48 35.5 | -14.3 | 151.8 | 152.4 | 2148 | 9.7 | 1.2 | 1.5 | 764.9 | 76.5 | 23.5 | 15.8 | 13.7 | 13.7 | -22.9 |
| 17:15:00 | 21 17.3 | -48 34.8 | -15.1 | 151.8 | 152.5 | 2134 | 9.9 | 1.1 | 1.3 | 769.1 | 76.6 | 23.3 | 15.4 | 16.1 | 16.1 | -37.6 |
| 17:15:01 | 21 13.7 | -48 33.9 | -15.1 | 150.5 | 151.3 | 2148 | 14.7 | -4.8 | -17.1 | 76.6 | 83.1 | -0.0 | -7.3 | 47.0 | 47.0 | 88.6 |
| 17:15:00 | 21 13.7 | -48 33.9 | 311.4 | 351.3 | 2265 | 2145 | 19.3 | -11.6 | -2.1 | 76.2 | 80.3 | -0.5 | 214.8 | 127.9 | 43.2 | 126.8 |
| 17:15:30 | 21 15.6 | -48 35.7 | -12.1 | 143.9 | 144.4 | 2133 | 11.0 | 2.5 | 2.1* | 767.5 | 70.6 | 23.3 | 16.2 | 13.1 | 13.1 | -22.8 |
| 17:15:30 | 21 19.7 | -48 35.0 | -13.0 | 143.9 | 144.5 | 2121 | 11.1 | 2.6 | 2.0* | 771.5 | 70.6 | 23.0 | 15.7 | 15.7 | 15.7 | -37.6 |
| 17:15:31 | 21 16.1 | -48 34.1 | -13.0 | 142.6 | 143.2 | 2131 | 14.9 | 0.7 | -15.5 | 70.8 | 77.3 | -0.0 | -6.7 | 47.0 | 47.0 | 82.9 |
| 17:15:30 | 21 16.1 | -48 34.1 | 311.5 | 349.9 | 2240 | 2128 | 19.1 | -7.5 | -0.6 | 70.4 | 74.3 | -0.5 | 206.4 | 125.0 | 42.1 | 121.8 |
| 17:16:00 | 21 18.0 | -48 35.9 | -13.9 | 145.3 | 146.0 | 2126 | 10.0 | 2.5 | 1.4 | 768.9 | 71.6 | 23.0 | 15.8 | 13.7 | 13.7 | -23.0 |
| 17:16:00 | 21 22.1 | -48 35.2 | -14.7 | 145.4 | 146.1 | 2115 | 10.2 | 2.5 | 1.2 | 772.9 | 71.7 | 22.6 | 15.3 | 16.2 | 16.2 | -37.6 |
| 17:16:01 | 21 18.4 | -48 34.4 | -14.8 | 144.1 | 144.8 | 2130 | 14.7 | -0.2 | -15.1 | 72.1 | 78.1 | -0.0 | -6.8 | 47.0 | 47.0 | 88.5 |
| 17:16:00 | 21 18.4 | -48 34.4 | 310.9 | 350.5 | 2226 | 2123 | 17.2 | -4.6 | -0.2 | 71.2 | 75.3 | -0.5 | 207.9 | 125.2 | 42.8 | 122.5 |
| 17:16:30 | 21 20.3 | -48 36.1 | -8.8 | 145.0 | 145.2 | 2147 | 12.4 | 1.3 | -0.8* | 768.3 | 70.8 | 22.3 | 15.2 | 14.0 | 14.0 | -23.1 |
| 17:16:30 | 21 24.4 | -48 35.5 | -9.7 | 145.1 | 145.4 | 2136 | 12.6 | 1.3 | -0.9* | 772.2 | 70.8 | 22.3 | 15.0 | 16.5 | 16.5 | -37.6 |
| 17:16:31 | 21 20.7 | -48 34.6 | -9.8 | 143.7 | 144.1 | 2147 | 14.5 | 0.0 | -15.2 | 71.3 | 77.3 | -0.0 | -6.7 | 47.0 | 47.0 | 93.5 |
| 17:16:30 | 21 20.7 | -48 34.6 | 310.4 | 350.7 | 2234 | 2144 | 16.0 | -9.3 | -1.9 | 70.6 | 74.7 | -0.4 | 206.7 | 127.4 | 42.6 | 121.7 |
| 17:17:00 | 21 22.7 | -48 36.4 | -13.7 | 146.4 | 147.1 | 2159 | 9.2 | 2.2 | 0.2 | 767.9 | 74.0 | 22.2 | 14.8 | 13.1 | 13.1 | -23.2 |
| 17:17:00 | 21 26.8 | -48 35.7 | -14.5 | 146.6 | 147.3 | 2147 | 9.4 | 2.1 | 0.1 | 772.1 | 74.0 | 22.1 | 14.5 | 15.7 | 15.7 | -37.6 |
| 17:17:01 | 21 23.1 | -48 34.8 | -14.7 | 145.2 | 145.9 | 2158 | 13.9 | -2.7 | -15.9 | 74.6 | 80.5 | -0.0 | -7.0 | 47.0 | 47.0 | 90.9 |
| 17:17:00 | 21 23.0 | -48 34.8 | 310.0 | 348.1 | 2234 | 2155 | 16.2 | -6.5 | -0.8 | 73.5 | 78.1 | -0.5 | 211.3 | 125.7 | 40.7 | 124.3 |
| 17:17:30 | 21 25.0 | -48 36.5 | -7.5 | 149.7 | 149.9 | 2140 | 12.1 | 1.1 | -2.1 | 770.2 | 77.5 | 22.8 | 15.1 | 14.0 | 14.0 | -22.7 |
| 17:17:30 | 21 29.2 | -48 35.9 | -8.3 | 149.9 | 150.2 | 2127 | 12.3 | 1.1 | -2.2 | 774.4 | 77.6 | 22.7 | 14.8 | 16.4 | 16.4 | -37.6 |
| 17:17:31 | 21 25.4 | -48 35.0 | -8.5 | 148.6 | 148.8 | 2138 | 14.5 | 3.8 | -13.2 | 77.9 | 84.4 | -0.0 | -7.3 | 47.0 | 47.0 | 94.6 |
| 17:17:30 | 21 25.4 | -48 35.0 | 310.0 | 350.1 | 2211 | 2137 | 16.0 | -12.4 | -2.5 | 75.8 | 81.5 | -0.4 | 216.1 | 127.7 | 41.3 | 127.0 |
| 17:18:00 | 21 27.5 | -48 36.7 | -14.7 | 147.4 | 148.1 | 2151 | 12.4* | 2.0 | 1.7 | 769.6 | 77.5 | 22.6 | 14.9 | 14.2 | 14.2 | -35.1 |
| 17:18:00 | 21 31.6 | -48 36.1 | -15.6 | 147.6 | 148.4 | 2136 | 12.6* | 2.0 | 1.5 | 773.8 | 77.5 | 22.1 | 14.2 | 16.7 | 16.7 | -37.6 |
| 17:18:01 | 21 27.9 | -48 35.2 | -15.7 | 146.1 | 147.0 | 2146 | 14.4 | -3.3 | -16.9 | 77.5 | 84.8 | -0.0 | -7.3 | 47.0 | 47.0 | 97.2 |
| 17:18:00 | 21 27.8 | -48 35.2 | 309.9 | 350.7 | 2216 | 2145 | 16.3 | -11.7 | -2.3 | 76.6 | 81.5 | -0.4 | 216.1 | 119.7 | 46.6 | 127.0 |
| 17:18:30 | 21 29.8 | -48 37.0 | -16.1 | 142.7 | 143.6 | 2136 | 11.0* | 0.4 | 2.5* | 771.5 | 76.0 | 21.9 | 14.3 | 14.2 | 14.2 | -22.9 |
| 17:18:30 | 21 33.9 | -48 36.4 | -16.9 | 142.9 | 143.9 | 2125 | 11.2* | 0.4 | 2.4* | 775.7 | 76.0 | 21.2 | 13.4 | 16.6 | 16.6 | -37.6 |
| 17:18:31 | 21 30.1 | -48 35.5 | -17.1 | 141.3 | 142.3 | 2135 | 14.5 | -0.3 | -15.1 | 77.4 | 83.0 | -0.0 | -7.2 | 47.0 | 47.0 | 100.9 |
| 17:18:30 | 21 29.8* | -48 35.5 | 309.0 | 349.5 | 2197 | 2134 | 16.0 | 0.8 | 0.4 | 73.2 | 79.3 | -0.4 | 214.0 | 115.7 | 45.3 | 125.5 |
| 17:19:00 | 21 32.0 | -48 37.2 | -8.8 | 134.7 | 135.0 | 2156 | 17.1* | 0.9 | -0.4 | 770.7 | 73.7 | 21.8 | 14.5 | 14.2 | 14.2 | -22.9 |
| 17:19:00 | 21 36.2 | -48 36.6 | -9.6 | 135.0 | 135.4 | 2143 | 17.3* | 0.8 | -0.6 | 774.6 | 73.7 | 21.0 | 13.4 | 16.7 | 16.7 | -37.6 |
| 17:19:01 | 21 32.4 | -48 35.7 | -10.1 | 133.6 | 133.9 | 2155 | 14.2 | -2.0 | -16.6 | 73.5 | 80.8 | -0.0 | -7.0 | 47.0 | 47.0 | 99.9 |
| 17:19:00 | 21 32.0* | -48 35.7 | 309.3 | 349.9 | 2208 | 2161 | 16.0 | -19.7 | -5.3 | 71.7 | 77.6 | -0.4 | 210.8 | 110.3 | 45.0 | 123.8 |
| 17:19:30 | 21 34.2 | -48 37.3 | -9.6 | 131.9 | 132.3 | 2131 | 17.0 | 2.0 | -0.8* | 773.4 | 73.4 | 22.4 | 15.1 | 13.9 | 13.9 | -23.1 |
| 17:19:30 | 21 38.3 | -48 36.7 | -10.4 | 132.2 | 132.6 | 2119 | 17.1 | 2.0 | -0.9* | 777.5 | 73.5 | 22.2 | 14.7 | 16.5 | 16.5 | -37.6 |
| 17:19:31 | 21 34.5 | -48 35.9 | -11.2 | 130.8 | 131.3 | 2130 | 14.2 | -1.7 | -15.6 | 73.2 | 80.5 | -0.0 | -6.9 | 47.0 | 47.0 | 94.0 |
| 17:19:30 | 21 34.5 | -48 35.9 | 309.7 | 349.4 | 2179 | 2128 | 16.9 | -19.8 | -5.3 | 71.4 | 77.7 | -0.5 | 210.5 | 106.9 | 44.6 | 123.5 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 17:20:00 | 21 36.3 | -48 37.5 | -10.7 | 127.1 | 127.6 | 2122 | 13.6 | 2.5 | -1.3* | 775.3 | 66.2 | 21.1 | 14.5 | 13.7 | 13.7 | -22.8 |
| 17:20:00 | 21 40.4 | -48 36.9 | -11.4 | 127.5 | 128.0 | 2110 | 13.8 | 2.4 | -1.5 | 778.9 | 66.3 | 20.7 | 13.9 | 16.2 | 16.2 | -37.6 |
| 17:20:01 | 21 36.6 | -48 36.1 | -11.8 | 125.8 | 126.4 | 2120 | 13.8 | -1.9 | -15.1 | 67.3 | 73.6 | -0.0 | -6.3 | 47.0 | 47.0 | 96.4 |
| 17:20:00 | 21 36.5 | -48 36.1 | 308.8 | 347.7 | 2164 | 2118 | 16.0 | -5.4 | -0.9 | 64.2 | 69.3 | -0.5 | 200.1 | 109.2 | 40.1 | 117.2 |
| 17:20:30 | 21 38.4 | -48 37.7 | -10.5 | 133.1 | 133.5 | 2123 | 10.3 | 3.1 | -0.1* | 775.8 | 69.1 | 22.5 | 15.6 | 14.0 | 14.0 | -23.5 |
| 17:20:30 | 21 42.6 | -48 37.1 | -11.2 | 133.5 | 134.0 | 2111 | 10.5 | 3.1 | -0.3* | 779.6 | 69.1 | 21.7 | 14.7 | 16.5 | 16.5 | -37.6 |
| 17:20:31 | 21 38.7 | -48 36.3 | -11.6 | 131.8 | 132.3 | 2121 | 14.7 | -1.6 | -15.6 | 69.8 | 76.0 | -0.0 | -6.5 | 47.0 | 47.0 | 91.1 |
| 17:20:30 | 21 38.7 | -48 36.3 | 310.0 | 349.9 | 2157 | 2119 | 17.1 | -9.3 | -2.0 | 66.9 | 72.6 | -0.4 | 204.3 | 116.2 | 34.2 | 119.8 |
| 17:21:00 | 21 40.6 | -48 37.9 | -12.7 | 140.5 | 141.1 | 2130 | 9.0 | 1.9 | 0.3 | 775.5 | 75.8 | 22.9 | 15.4 | 13.6 | 13.6 | -22.8 |
| 17:21:00 | 21 44.8 | -48 37.3 | -13.4 | 140.9 | 141.5 | 2118 | 9.2 | 1.9 | 0.2 | 779.8 | 75.9 | 22.5 | 14.8 | 16.3 | 16.3 | -37.6 |
| 17:21:01 | 21 40.9 | -48 36.5 | -14.0 | 139.3 | 140.0 | 2130 | 14.6 | -6.5 | -16.8 | 77.6 | 83.2 | -0.0 | -7.1 | 47.0 | 47.0 | 90.5 |
| 17:21:00 | 21 40.8 | -48 36.5 | 309.8 | 348.7 | 2155 | 2125 | 18.5 | 1.9 | 1.6 | 71.1 | 79.9 | -0.5 | 213.8 | 117.0 | 37.3 | 125.3 |
| 17:21:30 | 21 42.9 | -48 38.1 | -10.2 | 139.1 | 139.5 | 2125 | 13.6* | 3.7 | -3.0* | 776.7 | 75.6 | 22.5 | 15.0 | 11.8 | 11.8 | -22.8 |
| 17:21:30 | 21 47.1 | -48 37.5 | -10.9 | 139.6 | 140.0 | 2112 | 13.7* | 3.7 | -3.1* | 781.0 | 75.6 | 22.4 | 14.8 | 14.6 | 14.6 | -37.6 |
| 17:21:31 | 21 43.1 | -48 36.7 | -11.5 | 138.0 | 138.5 | 2126 | 13.8 | -2.6 | -15.5 | 74.9 | 83.6 | -0.0 | -7.1 | 47.0 | 47.0 | 82.0 |
| 17:21:30 | 21 43.1 | -48 36.7 | 309.2 | 343.6 | 2142 | 2120 | 19.2 | -22.3 | -6.0 | 72.6 | 79.6 | -0.5 | 213.4 | 115.3 | 40.1 | 124.9 |
| 17:22:00 | 21 45.1 | -48 38.2 | -11.8 | 136.6 | 137.1 | 2145 | 12.2 | 0.8 | 2.1 | 775.4 | 74.0 | 22.2 | 14.9 | 12.9 | 12.9 | -23.7 |
| 17:22:00 | 21 49.3 | -48 37.7 | -12.5 | 137.0 | 137.6 | 2132 | 12.4 | 0.8 | 1.9 | 779.7 | 74.0 | 22.0 | 14.5 | 15.5 | 15.5 | -37.6 |
| 17:22:01 | 21 45.3 | -48 36.9 | -13.0 | 135.4 | 136.0 | 2145 | 13.8 | -4.4 | -15.6 | 74.6 | 80.9 | -0.0 | -7.0 | 47.0 | 47.0 | 89.4 |
| 17:22:00 | 21 45.3 | -48 36.9 | 309.2 | 346.3 | 2156 | 2142 | 17.6 | -4.9 | -0.3 | 68.8 | 77.7 | -0.5 | 211.2 | 112.5 | 40.8 | 123.7 |
| 17:22:30 | 21 47.4 | -48 38.5 | -11.5 | 139.4 | 139.9 | 2140 | 10.1* | 1.8 | 4.0* | 776.3 | 75.0 | 23.1 | 15.7 | 13.0 | 13.0 | -23.1 |
| 17:22:30 | 21 51.5 | -48 38.0 | -12.2 | 139.9 | 140.4 | 2128 | 10.3* | 1.8 | 3.8* | 780.7 | 75.0 | 23.0 | 15.3 | 15.8 | 15.8 | -37.6 |
| 17:22:31 | 21 47.6 | -48 37.2 | -12.8 | 138.3 | 138.9 | 2139 | 14.5 | -3.9 | -15.4 | 75.5 | 82.0 | -0.0 | -7.1 | 47.0 | 47.0 | 85.0 |
| 17:22:30 | 21 47.5 | -48 37.2 | 309.9 | 347.2 | 2146 | 2136 | 19.9 | -6.4 | -0.5 | 70.8 | 79.3 | -0.5 | 212.6 | 117.0 | 36.8 | 124.6 |
| 17:23:00 | 21 49.6 | -48 38.6 | -9.2 | 139.2 | 139.5 | 2120 | 10.5 | 1.1 | 0.7 | 778.8 | 77.6 | 23.5 | 15.8 | 12.4 | 12.4 | -22.9 |
| 17:23:00 | 21 53.8 | -48 38.1 | -9.9 | 139.7 | 140.1 | 2107 | 10.7 | 1.0 | 0.6 | 783.3 | 77.7 | 23.4 | 15.5 | 15.5 | 15.5 | -37.6 |
| 17:23:01 | 21 49.8 | -48 37.4 | -10.6 | 138.1 | 138.5 | 2121 | 14.6 | -9.0 | -17.2 | 77.4 | 84.4 | -0.0 | -7.3 | 47.0 | 47.0 | 81.3 |
| 17:23:00 | 21 49.8 | -48 37.4 | 309.8 | 345.6 | 2118 | 2116 | 20.9 | -11.4 | -1.9 | 73.8 | 81.7 | -0.5 | 216.3 | 115.3 | 34.1 | 126.5 |
| 17:23:30 | 21 51.9 | -48 38.8 | -12.8 | 133.5 | 134.2 | 2110 | 10.6 | 2.7 | -0.5 | 780.2 | 73.2 | 24.2 | 16.9 | 11.8 | 11.8 | -23.1 |
| 17:23:30 | 21 56.1 | -48 38.3 | -13.5 | 134.1 | 134.8 | 2097 | 10.7 | 2.7 | -0.6 | 784.4 | 73.3 | 24.0 | 16.5 | 15.1 | 15.1 | -37.6 |
| 17:23:31 | 21 52.0 | -48 37.5 | -14.4 | 132.4 | 133.2 | 2111 | 15.4 | -4.6 | -15.5 | 73.3 | 80.3 | -0.0 | -6.9 | 47.0 | 47.0 | 72.9 |
| 17:23:30 | 21 52.0 | -48 37.5 | 310.8 | 345.4 | 2107 | 2106 | 22.2 | -11.9 | -2.4 | 70.1 | 77.2 | -0.5 | 210.2 | 110.0 | 36.0 | 123.1 |
| 17:24:00 | 21 54.1 | -48 39.0 | -12.7 | 139.4 | 140.0 | 2118 | 9.2 | 1.2 | 2.5 | 779.6 | 77.1 | 24.0 | 16.3 | 11.4 | 11.4 | -22.6 |
| 17:24:00 | 21 58.3 | -48 38.5 | -13.4 | 140.1 | 140.7 | 2104 | 9.4 | 1.1 | 2.4 | 784.3 | 77.1 | 23.8 | 16.0 | 14.7 | 14.7 | -37.6 |
| 17:24:01 | 21 54.2 | -48 37.8 | -14.2 | 138.4 | 139.1 | 2119 | 15.1 | -9.4 | -16.8 | 77.9 | 84.0 | -0.0 | -7.2 | 47.0 | 47.0 | 73.4 |
| 17:24:00 | 21 53.9* | -48 37.8 | 310.3 | 343.9 | 2108 | 2111 | 22.5 | -4.6 | 0.1 | 71.7 | 81.5 | -0.5 | 215.5 | 114.5 | 36.1 | 126.1 |
| 17:24:30 | 21 56.4 | -48 39.2 | -12.0 | 140.1 | 140.6 | 2113 | 10.8 | 1.9 | -1.4* | 780.6 | 77.4 | 23.3 | 15.7 | 12.0 | 12.0 | -23.2 |
| 17:24:30 | 22 0.6 | -48 38.7 | -12.6 | 140.8 | 141.3 | 2098 | 11.0 | 1.9 | -1.5* | 785.0 | 77.5 | 23.1 | 15.3 | 15.0 | 15.0 | -37.6 |
| 17:24:31 | 21 56.5 | -48 38.0 | -13.6 | 139.1 | 139.7 | 2115 | 14.3 | -5.7 | -15.4 | 77.1 | 85.2 | -0.0 | -7.2 | 47.0 | 47.0 | 79.7 |
| 17:24:30 | 21 56.5 | -48 38.0 | 309.5 | 344.2 | 2101 | 2108 | 22.1 | -15.4 | -3.7 | 74.1 | 81.4 | -0.5 | 216.0 | 115.2 | 37.1 | 126.2 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 17:25:00 | 21 58.6 | -48 39.4 | -12.9 | 136.2 | 136.9 | 2124 | 10.3 | 2.5 | -2.1* | 780.0 | 78.4 | 23.3 | 15.6 | 11.3 | 11.3 | -23.2 |
| 17:25:00 | 22 2.8 | -48 39.0 | -13.5 | 136.9 | 137.6 | 2112 | 10.5 | 2.4 | -2.1* | 784.4 | 78.4 | 23.1 | 15.2 | 14.1 | 14.1 | -37.6 |
| 17:25:01 | 21 58.7 | -48 38.3 | -14.4 | 135.2 | 136.0 | 2127 | 14.2 | -6.6 | -16.2 | 78.2 | 86.2 | -0.0 | -7.3 | 47.0 | 47.0 | 76.7 |
| 17:25:00 | 21 58.7 | -48 38.3 | 309.4 | 342.7 | 2107 | 2120 | 21.8 | -14.1 | -3.1 | 75.2 | 82.7 | -0.5 | 217.3 | 108.2 | 35.6 | 126.9 |
| 17:25:30 | 22 0.8 | -48 39.6 | -9.4 | 131.7 | 132.0 | 2105 | 12.3 | 2.0 | -0.4 | 782.3 | 72.6 | 23.7 | 16.6 | 10.1 | 10.1 | -23.0 |
| 17:25:30 | 22 5.0 | -48 39.2 | -9.9 | 132.5 | 132.8 | 2092 | 12.4 | 2.0 | -0.5 | 786.4 | 72.7 | 23.5 | 16.2 | 13.3 | 13.3 | -37.6 |
| 17:25:31 | 22 0.9 | -48 38.5 | -10.8 | 130.7 | 131.1 | 2108 | 15.1 | -3.9 | -14.1 | 72.6 | 80.7 | -0.0 | -6.8 | 47.0 | 47.0 | 66.2 |
| 17:25:30 | 22 0.8 | -48 38.5 | 310.2 | 341.0 | 2087 | 2100 | 22.8 | -12.5 | -2.7 | 69.5 | 76.4 | -0.5 | 209.3 | 109.3 | 35.8 | 122.3 |
| 17:26:00 | 22 2.9 | -48 39.8 | -13.9 | 132.3 | 133.0 | 2108 | 9.1 | 2.0 | 0.4 | 782.3 | 74.9 | 23.6 | 16.2 | 10.3 | 10.3 | -23.5 |
| 17:26:00 | 22 7.2 | -48 39.4 | -14.4 | 133.0 | 133.8 | 2095 | 9.2 | 1.9 | 0.3 | 786.6 | 75.0 | 23.3 | 15.7 | 13.7 | 13.7 | -37.6 |
| 17:26:01 | 22 3.0 | -48 38.7 | -15.4 | 131.3 | 132.2 | 2112 | 14.7 | -4.6 | -14.3 | 75.0 | 82.4 | -0.0 | -7.0 | 47.0 | 47.0 | 68.9 |
| 17:26:00 | 22 3.0 | -48 38.7 | 309.8 | 340.9 | 2085 | 2104 | 23.8 | -9.4 | -1.6 | 70.4 | 79.1 | -0.5 | 212.6 | 106.5 | 33.8 | 124.1 |
| 17:26:30 | 22 5.1 | -48 40.0 | -30.7 | 132.1 | 135.6 | 2110 | 0.6 | 2.9 | -21.2* | 783.1 | 72.5 | 24.1 | 16.9 | 10.7 | 10.7 | -23.1 |
| 17:26:30 | 22 9.3 | -48 39.6 | -31.3 | 132.9 | 136.5 | 2099 | 0.8 | 3.0 | -21.4* | 786.8 | 72.6 | 23.7 | 16.4 | 13.8 | 13.8 | -37.6 |
| 17:26:31 | 22 5.1 | -48 39.0 | -32.1 | 131.2 | 135.1 | 2116 | 14.7 | 1.2 | -12.2 | 71.8 | 80.9 | -0.0 | -6.8 | 47.0 | 47.0 | 67.7 |
| 17:26:30 | 22 4.8* | -48 38.9 | 310.5 | 342.6 | 2083 | 2106 | 24.6 | -19.3 | -4.7 | 69.0 | 76.0 | -0.5 | 209.2 | 108.1 | 31.6 | 122.3 |
| 17:27:00 | 22 6.9 | -48 41.5 | -129.9 | 80.7 | 152.9 | 2116 | 306.1* | 2.4 | -20.0 | 783.0 | 70.6 | 23.3 | 16.3 | 11.7 | 11.7 | 14.3 |
| 17:27:00 | 22 11.2 | -48 41.1 | -130.3 | 81.3 | 153.6 | 2103 | 306.3* | 2.4 | -20.1 | 786.4 | 70.6 | 23.0 | 15.8 | 14.7 | 14.7 | 10.7 |
| 17:27:01 | 22 7.0 | -48 40.5 | -131.4 | 79.9 | 153.8 | 2118 | 14.5 | 2.1 | -9.8 | 70.0 | 78.4 | -0.0 | -6.6 | 47.0 | 47.0 | 75.1 |
| 17:27:00 | 22 6.9 | -48 40.4 | 310.0 | 344.2 | 2087 | 2111 | 24.8 | -15.9 | -5.8 | 67.1 | 73.7 | -0.5 | 206.4 | 109.0 | 33.4 | 120.6 |
| 17:27:30 | 22 7.4 | -48 44.1 | -148.0 | -24.0 | 149.9 | 2112 | 253.7* | 3.2 | -25.4* | 783.3 | 68.5 | 23.1 | 16.3 | 11.7 | 11.7 | 26.7 |
| 17:27:30 | 22 11.7 | -48 43.7 | -148.1 | -23.4 | 150.0 | 2099 | 253.9* | 3.2 | -25.5 | 786.6 | 68.5 | 22.7 | 15.8 | 14.8 | 14.8 | 26.9 |
| 17:27:31 | 22 7.5 | -48 43.1 | -149.6 | -24.9 | 151.7 | 2113 | 14.2 | 5.9 | -8.6 | 68.1 | 76.5 | -0.0 | -6.4 | 47.0 | 47.0 | 75.1 |
| 17:27:30 | 22 7.5 | -48 42.7* | 309.9 | 344.0 | 2085 | 2107 | 24.8 | -15.4 | -5.5 | 66.0 | 71.5 | -0.5 | 203.4 | 106.6 | 35.7 | 118.9 |
| 17:28:00 | 22 6.2 | -48 46.1 | -78.8 | -106.1 | 132.2 | 2113 | 201.6* | 2.1 | -10.6* | 782.7 | 69.9 | 23.4 | 16.5 | 11.6 | 11.6 | 24.1 |
| 17:28:00 | 22 10.5 | -48 45.7 | -78.7 | -105.3 | 131.5 | 2101 | 201.8* | 2.2 | -10.6* | 786.3 | 69.9 | 23.1 | 16.0 | 14.3 | 14.3 | 24.2 |
| 17:28:01 | 22 6.2 | -48 45.1 | -80.3 | -107.1 | 133.9 | 2112 | 14.9 | -0.7 | -10.5 | 70.2 | 77.3 | -0.0 | -6.6 | 47.0 | 47.0 | 73.2 |
| 17:28:00 | 22 6.5 | -48 44.9 | 310.2 | 344.0 | 2088 | 2108 | 24.8 | -6.9 | -2.3 | 64.8 | 73.2 | -0.5 | 205.4 | 99.1 | 35.2 | 120.1 |
| 17:28:30 | 22 4.4 | -48 47.3 | -66.3 | -117.0 | 134.5 | 2114 | 194.5 | 1.4 | -1.4* | 781.8 | 79.0 | 24.6 | 16.8 | 10.5 | 10.5 | 22.1 |
| 17:28:30 | 22 8.7 | -48 46.9 | -66.3 | -116.2 | 133.7 | 2101 | 194.7 | 1.4 | -1.5* | 786.3 | 79.0 | 24.3 | 16.3 | 13.4 | 13.4 | 22.2 |
| 17:28:31 | 22 4.4 | -48 46.3 | -67.9 | -118.0 | 136.1 | 2112 | 15.4 | -9.8 | -14.3 | 78.9 | 85.8 | -0.0 | -7.4 | 47.0 | 47.0 | 67.1 |
| 17:28:30 | 22 4.7* | -48 46.1 | 310.5 | 342.1 | 2089 | 2110 | 24.5 | -11.7 | -4.5 | 72.7 | 83.1 | -0.5 | 218.1 | 100.6 | 36.4 | 127.5 |
| 17:29:00 | 22 2.5 | -48 48.4 | -68.7 | -114.1 | 133.1 | 2105 | 196.2 | 1.9 | 0.1* | 782.4 | 74.4 | 24.2 | 16.8 | 9.4 | 9.4 | 20.1 |
| 17:29:00 | 22 6.8 | -48 48.0 | -68.6 | -113.2 | 132.4 | 2092 | 196.3 | 2.0 | -0.0* | 786.6 | 74.4 | 23.8 | 16.3 | 12.3 | 12.3 | 20.1 |
| 17:29:01 | 22 2.5 | -48 47.5 | -70.3 | -115.0 | 134.8 | 2104 | 15.4 | -6.0 | -13.7 | 74.1 | 81.9 | -0.0 | -7.0 | 47.0 | 47.0 | 62.1 |
| 17:29:00 | 22 2.5 | -48 47.5 | 310.5 | 339.9 | 2085 | 2101 | 24.1 | -13.8 | -3.3 | 70.6 | 78.2 | -0.5 | 211.8 | 98.3 | 36.5 | 123.8 |
| 17:29:30 | 22 0.7 | -48 49.6 | -65.4 | -112.9 | 130.4 | 2099 | 194.0* | 2.1 | -4.7* | 782.7 | 73.3 | 23.6 | 16.3 | 10.3 | 10.3 | 18.7 |
| 17:29:30 | 22 5.0 | -48 49.2 | -65.3 | -111.9 | 129.6 | 2089 | 194.3* | 2.1 | -4.8* | 786.6 | 73.3 | 23.3 | 15.9 | 13.0 | 13.0 | 18.8 |
| 17:29:31 | 22 0.6 | -48 48.7 | -66.9 | -113.7 | 132.0 | 2098 | 14.9 | -2.4 | -13.4 | 73.1 | 80.9 | -0.0 | -6.9 | 47.0 | 47.0 | 68.3 |
| 17:29:30 | 22 0.6 | -48 48.7 | 310.0 | 341.1 | 2085 | 2096 | 23.8 | -12.8 | -2.8 | 69.8 | 76.9 | -0.5 | 210.3 | 100.1 | 37.7 | 122.8 |



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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 |
| 17:30:00 | 21 59.1 | -48 51.3 | -121.4 | -80.6 | 145.7 | 2096 | 224.3 | 1.9 | -2.4 | 782.7 | 70.5 | 23.6 | 16.6 | 9.8 | 9.8 | 17.1 |
| 17:30:00 | 22 3.4 | -48 50.9 | -121.3 | -79.8 | 145.2 | 2082 | 224.5 | 1.9 | -2.5 | 786.6 | 70.6 | 23.2 | 16.1 | 12.4 | 12.4 | 17.2 |
| 17:30:01 | 21 59.0 | -48 50.4 | -122.9 | -81.4 | 147.5 | 2095 | 15.1 | -0.8 | -12.7 | 70.8 | 78.6 | -0.0 | -6.6 | 47.0 | 47.0 | 65.0 |
| 17:30:00 | 21 59.3 | -48 50.0 | 310.2 | 340.4 | 2085 | 2093 | 23.4 | -7.9 | -1.2 | 67.7 | 74.2 | -0.5 | 206.4 | 99.3 | 38.2 | 120.6 |
| 17:30:30 | 21 57.8 | -48 53.5 | -126.4 | -76.3 | 147.6 | 2091 | 228.3 | 2.3 | 1.2 | 782.7 | 68.7 | 23.6 | 16.7 | 10.1 | 10.1 | 16.2 |
| 17:30:30 | 22 2.2 | -48 53.1 | -126.2 | -75.4 | 147.0 | 2079 | 228.5 | 2.3 | 1.0 | 786.6 | 68.8 | 23.2

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 17:35:00 | 21 46.5 | -49 14.3 | -134.0 | -77.9 | 155.0 | 2100 | 236.4 | 2.2 | -0.6* | 780.3 | 72.8 | 24.6 | 17.4 | 10.8 | 10.8 | -36.7 |
| 17:35:00 | 21 51.0 | -49 13.9 | -133.5 | -76.7 | 154.0 | 2088 | 236.6 | 2.3 | -0.7* | 784.4 | 72.8 | 24.3 | 16.9 | 13.0 | 13.0 | -37.6 |
| 17:35:01 | 21 46.3 | -49 13.7 | -135.2 | -78.4 | 156.3 | 2098 | 16.0 | -2.5 | -13.9 | 72.7 | 80.1 | -0.0 | -6.8 | 47.0 | 47.0 | 65.5 |
| 17:35:00 | 21 46.8* | -49 12.7* | 311.4 | 343.7 | 2108 | 2099 | 24.6 | -11.3 | -1.8 | 68.9 | 76.1 | -0.5 | 209.6 | 74.9 | 33.6 | 122.8 |
| 17:35:30 | 21 45.2 | -49 16.6 | -134.3 | -78.5 | 155.6 | 2103 | 237.0* | 2.0 | -2.3 | 780.2 | 70.7 | 25.0 | 18.0 | 10.5 | 10.5 | -36.4 |
| 17:35:30 | 21 49.7 | -49 16.2 | -133.8 | -77.3 | 154.6 | 2090 | 237.2* | 1.9 | -2.4 | 784.1 | 70.7 | 24.7 | 17.5 | 12.6 | 12.6 | -37.6 |
| 17:35:31 | 21 45.0 | -49 16.0 | -135.6 | -78.9 | 156.9 | 2099 | 16.4 | -2.5 | -12.9 | 70.6 | 77.4 | -0.0 | -6.6 | 47.0 | 47.0 | 62.1 |
| 17:35:30 | 21 45.4 | -49 15.3 | 312.0 | 343.9 | 2111 | 2101 | 24.7 | -11.7 | -2.4 | 67.5 | 73.9 | -0.5 | 206.6 | 71.6 | 35.4 | 121.2 |
| 17:36:00 | 21 43.9 | -49 18.9 | -133.1 | -81.2 | 155.9 | 2100 | 235.8* | 2.2 | 4.8* | 780.2 | 70.2 | 24.6 | 17.5 | 11.2 | 11.2 | -27.8 |
| 17:36:00 | 21 48.4 | -49 18.5 | -132.6 | -80.1 | 154.9 | 2087 | 235.9* | 2.2 | 4.7 | 784.3 | 70.3 | 24.2 | 17.0 | 13.3 | 13.3 | -37.6 |
| 17:36:01 | 21 43.7 | -49 18.3 | -134.2 | -81.8 | 157.1 | 2096 | 16.3 | -1.2 | -13.3 | 70.7 | 77.2 | -0.0 | -6.6 | 47.0 | 47.0 | 66.6 |
| 17:36:00 | 21 43.9 | -49 18.0 | 311.6 | 344.7 | 2109 | 2097 | 21.9 | -4.4 | 0.0 | 67.4 | 73.9 | -0.5 | 205.9 | 68.5 | 35.9 | 120.8 |
| 17:36:30 | 21 42.6 | -49 21.3 | -133.9 | -80.5 | 156.3 | 2101 | 237.0 | 2.2 | 0.7* | 780.1 | 71.9 | 25.2 | 18.0 | 10.1 | 10.1 | -23.0 |
| 17:36:30 | 21 47.2 | -49 20.8 | -133.4 | -79.3 | 155.2 | 2088 | 237.2 | 2.2 | 0.6* | 784.1 | 71.9 | 24.9 | 17.5 | 12.2 | 12.2 | -37.6 |
| 17:36:31 | 21 42.4 | -49 20.7 | -135.1 | -80.9 | 157.5 | 2096 | 16.3 | -4.0 | -13.1 | 72.3 | 78.5 | -0.0 | -6.8 | 47.0 | 47.0 | 60.0 |
| 17:36:30 | 21 42.7 | -49 20.2 | 312.1 | 343.1 | 2110 | 2098 | 24.8 | -5.9 | -1.1 | 67.4 | 75.4 | -0.5 | 208.3 | 66.9 | 34.5 | 122.2 |
| 17:37:00 | 21 41.3 | -49 23.6 | -136.6 | -79.1 | 157.8 | 2103 | 239.1 | 1.7 | 1.4* | 779.7 | 72.6 | 25.1 | 17.9 | 10.1 | 10.1 | -23.0 |
| 17:37:00 | 21 45.9 | -49 23.1 | -136.0 | -77.9 | 156.7 | 2091 | 239.4 | 1.7 | 1.2* | 783.8 | 72.6 | 24.8 | 17.4 | 12.2 | 12.2 | -37.6 |
| 17:37:01 | 21 41.1 | -49 23.1 | -137.7 | -79.3 | 158.9 | 2096 | 16.4 | -5.0 | -12.8 | 73.1 | 79.0 | -0.0 | -6.8 | 47.0 | 47.0 | 60.5 |
| 17:37:00 | 21 41.2 | -49 22.9 | 312.0 | 342.9 | 2113 | 2101 | 24.8 | -3.7 | -1.1 | 68.4 | 76.6 | -0.5 | 209.3 | 62.7 | 35.1 | 122.8 |
| 17:37:30 | 21 40.0 | -49 26.0 | -137.9 | -83.2 | 161.1 | 2103 | 238.3 | 1.5 | 1.9* | 779.7 | 76.9 | 25.2 | 17.5 | 10.0 | 10.0 | -23.4 |
| 17:37:30 | 21 44.6 | -49 25.5 | -137.3 | -82.0 | 159.9 | 2090 | 238.5 | 1.4 | 1.7* | 784.2 | 77.0 | 24.9 | 17.0 | 12.2 | 12.2 | -37.6 |
| 17:37:31 | 21 39.8 | -49 25.5 | -138.9 | -83.6 | 162.1 | 2094 | 15.9 | -4.2 | -12.3 | 77.3 | 83.8 | -0.0 | -7.2 | 47.0 | 47.0 | 61.6 |
| 17:37:30 | 21 40.0 | -49 25.1 | 311.6 | 342.3 | 2110 | 2101 | 24.7 | -7.2 | -3.6 | 71.0 | 81.4 | -0.5 | 215.3 | 62.2 | 35.0 | 126.2 |
| 17:38:00 | 21 38.4 | -49 28.2 | -89.4 | -130.4 | 158.1 | 2104 | 207.1* | 1.8 | -27.7* | 780.4 | 78.9 | 24.9 | 17.1 | 10.4 | 10.4 | -23.0 |
| 17:38:00 | 21 43.0 | -49 27.7 | -88.5 | -129.1 | 156.5 | 2091 | 207.3* | 1.9 | -27.8* | 784.1 | 78.9 | 24.7 | 16.6 | 12.5 | 12.5 | -37.6 |
| 17:38:01 | 21 38.2 | -49 27.7 | -90.5 | -130.6 | 158.9 | 2093 | 15.1 | 0.2 | -10.9 | 79.1 | 85.8 | -0.0 | -7.4 | 47.0 | 47.0 | 65.2 |
| 17:38:00 | 21 38.3 | -49 27.7 | 311.1 | 342.7 | 2110 | 2099 | 23.4 | -4.9 | -2.4 | 72.3 | 82.1 | -0.5 | 217.9 | 60.7 | 35.0 | 127.6 |
| 17:38:30 | 21 36.1 | -49 28.7 | 27.7 | -133.1 | 136.0 | 2104 | 153.2* | 2.0 | -16.2* | 779.8 | 75.4 | 25.1 | 17.6 | 10.0 | 10.0 | -23.1 |
| 17:38:30 | 21 40.8 | -49 28.2 | 28.5 | -131.6 | 134.6 | 2089 | 153.4* | 1.9 | -16.2* | 783.7 | 75.4 | 24.8 | 17.1 | 12.2 | 12.2 | -37.6 |
| 17:38:31 | 21 35.9 | -49 28.2 | 26.9 | -133.4 | 136.1 | 2096 | 15.6 | -4.1 | -13.0 | 76.0 | 82.6 | -0.0 | -7.1 | 47.0 | 47.0 | 61.5 |
| 17:38:30 | 21 36.0 | -49 28.2 | 311.6 | 342.4 | 2114 | 2099 | 24.4 | -2.6 | -1.2 | 72.4 | 78.8 | -0.5 | 213.2 | 52.9 | 35.3 | 125.0 |
| 17:39:00 | 21 34.1 | -49 28.0 | 57.9 | -114.7 | 128.5 | 2097 | 138.1* | 1.3 | -4.8 | 779.5 | 77.7 | 24.9 | 17.2 | 10.7 | 10.7 | -23.1 |
| 17:39:00 | 21 38.8 | -49 27.4 | 58.7 | -113.1 | 127.5 | 2085 | 138.2* | 1.3 | -4.9 | 783.8 | 77.7 | 24.6 | 16.7 | 13.0 | 13.0 | -37.6 |
| 17:39:01 | 21 33.9 | -49 27.5 | 57.1 | -115.0 | 128.4 | 2093 | 15.5 | -7.5 | -13.7 | 78.1 | 84.3 | -0.0 | -7.3 | 47.0 | 47.0 | 66.0 |
| 17:39:00 | 21 33.9 | -49 27.5 | 311.2 | 343.4 | 2114 | 2096 | 24.6 | -5.3 | -1.8 | 72.2 | 81.7 | -0.5 | 216.3 | 52.6 | 33.9 | 126.7 |
| 17:39:30 | 21 32.3 | -49 26.9 | 60.7 | -111.4 | 126.8 | 2101 | 135.7 | 1.8 | 0.3* | 778.5 | 78.0 | 25.4 | 17.7 | 10.2 | 10.2 | -23.0 |
| 17:39:30 | 21 37.0 | -49 26.3 | 61.6 | -109.8 | 125.8 | 2089 | 135.9 | 1.8 | 0.2* | 782.9 | 78.0 | 25.1 | 17.2 | 12.7 | 12.7 | -37.6 |
| 17:39:31 | 21 32.1 | -49 26.4 | 60.0 | -111.6 | 126.7 | 2096 | 16.0 | -9.3 | -15.2 | 78.3 | 84.8 | -0.0 | -7.3 | 47.0 | 47.0 | 62.1 |
| 17:39:30 | 21 32.1 | -49 26.4 | 311.8 | 343.1 | 2123 | 2099 | 24.3 | -7.9 | -3.1 | 73.6 | 82.5 | -0.5 | 216.8 | 53.9 | 35.5 | 127.2 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 17:40:00 | 21 30.5 | -49 25.8 | 64.7 | -107.2 | 125.2 | 2084 | 132.7 | 1.7 | -0.7 | 779.6 | 76.0 | 25.4 | 17.8 | 10.8 | 10.8 | -23.1 |
| 17:40:00 | 21 35.2 | -49 25.2 | 65.6 | -105.5 | 124.3 | 2071 | 133.0 | 1.7 | -0.8 | 783.9 | 76.1 | 25.1 | 17.4 | 13.0 | 13.0 | -37.6 |
| 17:40:01 | 21 30.3 | -49 25.3 | 64.1 | -107.3 | 125.0 | 2075 | 16.1 | -6.4 | -15.3 | 76.5 | 82.9 | -0.0 | -7.1 | 47.0 | 47.0 | 64.0 |
| 17:40:00 | 21 30.3 | -49 25.4 | 311.9 | 344.5 | 2113 | 2081 | 23.7 | -5.5 | -0.8 | 71.5 | 80.2 | -0.5 | 214.1 | 51.3 | 35.5 | 125.6 |
| 17:40:30 | 21 29.3 | -49 24.4 | 91.8 | -54.0 | 106.5 | 2084 | 106.4 | 2.4* | 5.8 | 779.2 | 74.3 | 25.8 | 18.3 | 11.0 | 11.0 | -22.6 |
| 17:40:30 | 21 34.1 | -49 23.8 | 92.6 | -52.3 | 106.3 | 2068 | 106.6 | 2.4* | 5.8 | 783.5 | 74.3 | 25.5 | 17.9 | 13.3 | 13.3 | -37.6 |
| 17:40:31 | 21 29.1 | -49 23.9 | 91.2 | -54.1 | 106.1 | 2076 | 16.7 | -2.0 | -13.3 | 74.6 | 81.8 | -0.0 | -7.0 | 47.0 | 47.0 | 62.7 |
| 17:40:30 | 21 29.1 | -49 23.9 | 312.5 | 345.5 | 2117 | 2079 | 20.6 | -7.4 | -0.4 | 71.0 | 78.2 | -0.5 | 211.7 | 54.5 | 34.0 | 124.3 |
| 17:41:00 | 21 28.4 | -49 22.8 | 88.3 | -52.9 | 102.9 | 2100 | 105.9 | 2.1 | 0.7 | 777.2 | 71.9 | 25.5 | 18.3 | 11.0 | 11.0 | -23.1 |
| 17:41:00 | 21 33.2 | -49 22.2 | 89.1 | -51.2 | 102.8 | 2087 | 106.0 | 2.1 | 0.6 | 781.3 | 71.9 | 25.2 | 17.8 | 13.3 | 13.3 | -37.6 |
| 17:41:01 | 21 28.2 | -49 22.4 | 87.8 | -53.0 | 102.5 | 2094 | 16.6 | -4.1 | -14.4 | 72.4 | 79.8 | -0.0 | -6.8 | 47.0 | 47.0 | 62.8 |
| 17:41:00 | 21 28.4 | -49 22.8 | 312.7 | 345.9 | 2140 | 2097 | 21.2 | -4.3 | -0.2 | 68.7 | 75.7 | -0.5 | 208.3 | 56.6 | 35.4 | 122.5 |
| 17:41:30 | 21 27.6 | -49 21.3 | 87.8 | -52.0 | 102.0 | 2100 | 105.3 | 1.2 | 0.5 | 777.0 | 71.3 | 24.4 | 17.3 | 12.3 | 12.3 | -22.8 |
| 17:41:30 | 21 32.4 | -49 20.7 | 88.7 | -50.2 | 102.0 | 2086 | 105.5 | 1.2 | 0.4 | 781.0 | 71.3 | 24.2 | 16.9 | 14.6 | 14.6 | -37.6 |
| 17:41:31 | 21 27.3 | -49 20.9 | 87.4 | -52.0 | 101.7 | 2096 | 15.8 | -2.4 | -14.6 | 71.6 | 79.2 | -0.0 | -6.7 | 47.0 | 47.0 | 72.9 |
| 17:41:30 | 21 27.4 | -49 20.9 | 311.7 | 347.5 | 2142 | 2098 | 21.6 | -6.6 | -0.8 | 68.3 | 75.1 | -0.5 | 207.4 | 55.7 | 36.1 | 121.9 |
| 17:42:00 | 21 26.7 | -49 19.8 | 89.4 | -50.4 | 102.6 | 2105 | 103.6 | 3.6 | 0.7 | 776.3 | 69.7 | 24.5 | 17.5 | 11.8 | 11.8 | -23.4 |
| 17:42:00 | 21 31.6 | -49 19.2 | 90.4 | -48.6 | 102.6 | 2093 | 103.8 | 3.6 | 0.6 | 780.2 | 69.7 | 24.3 | 17.2 | 14.2 | 14.2 | -37.6 |
| 17:42:01 | 21 26.5 | -49 19.3 | 89.1 | -50.3 | 102.3 | 2099 | 15.7 | 3.1 | -13.2 | 70.4 | 77.8 | -0.0 | -6.6 | 47.0 | 47.0 | 69.7 |
| 17:42:00 | 21 26.9 | -49 20.0 | 311.9 | 346.7 | 2151 | 2107 | 21.2 | -4.1 | -0.0 | 65.9 | 73.4 | -0.5 | 205.1 | 51.4 | 35.4 | 120.6 |
| 17:42:30 | 21 25.9 | -49 18.2 | 92.4 | -55.0 | 107.5 | 2125 | 105.0 | 2.2* | -0.5 | 773.7 | 77.5 | 24.2 | 16.5 | 11.2 | 11.2 | -23.1 |
| 17:42:30 | 21 30.7 | -49 17.5 | 93.4 | -53.2 | 107.5 | 2113 | 105.2 | 2.2* | -0.5 | 778.2 | 77.5 | 24.1 | 16.2 | 13.8 | 13.8 | -37.6 |
| 17:42:31 | 21 25.7 | -49 17.8 | 92.1 | -55.1 | 107.3 | 2121 | 14.7 | -8.3 | -18.0 | 77.9 | 85.0 | -0.0 | -7.3 | 47.0 | 47.0 | 71.3 |
| 17:42:30 | 21 25.9 | -49 18.2* | 311.1 | 344.5 | 2171 | 2111 | 18.0 | -7.7 | -1.0 | 74.0 | 81.6 | -0.5 | 216.0 | 52.9 | 37.9 | 126.9 |
| 17:43:00 | 21 25.0 | -49 16.6 | 91.2 | -59.2 | 108.7 | 2106 | 108.4* | 1.3 | 5.9* | 774.4 | 70.7 | 24.0 | 17.0 | 12.9 | 12.9 | -22.8 |
| 17:43:00 | 21 29.9 | -49 15.9 | 92.2 | -57.5 | 108.6 | 2093 | 108.6* | 1.3 | 5.7* | 779.3 | 70.7 | 24.0 | 16.7 | 15.6 | 15.6 | -37.6 |
| 17:43:01 | 21 24.8 | -49 16.2 | 90.7 | -59.5 | 108.5 | 2099 | 15.4 | 4.4 | -12.7 | 74.0 | 78.4 | -0.0 | -6.7 | 47.0 | 47.0 | 77.8 |
| 17:43:00 | 21 24.9 | -49 16.4 | 311.5 | 348.9 | 2160 | 2109 | 18.1 | 24.7 | 8.9 | 67.2 | 75.3 | -0.5 | 206.6 | 54.6 | 27.3 | 121.4 |
| 17:43:30 | 21 24.0 | -49 15.1 | 83.8 | -56.5 | 101.0 | 2120 | 112.0* | 2.8 | 0.8* | 773.7 | 70.6 | 22.2 | 15.2 | 14.6 | 14.6 | -22.6 |
| 17:43:30 | 21 29.0 | -49 14.4 | 84.8 | -54.8 | 101.0 | 2108 | 112.3* | 2.8 | 0.7* | 777.6 | 70.6 | 21.3 | 14.1 | 17.0 | 17.0 | -37.5 |
| 17:43:31 | 21 23.8 | -49 14.7 | 83.6 | -56.3 | 100.8 | 2113 | 14.5 | 3.0 | -13.7 | 70.4 | 78.0 | -0.0 | -6.7 | 47.0 | 47.0 | 98.0 |
| 17:43:30 | 21 24.0 | -49 15.0 | 309.7 | 351.3 | 2177 | 2122 | 16.4 | -19.5 | -5.3 | 67.7 | 73.4 | -0.4 | 206.4 | 64.8 | 32.7 | 121.1 |
| 17:44:00 | 21 22.9 | -49 13.7 | 70.4 | -88.1 | 112.8 | 2123 | 127.3* | 1.9 | 8.7* | 772.2 | 75.4 | 23.5 | 16.0 | 14.4 | 14.4 | -23.1 |
| 17:44:00 | 21 27.9 | -49 13.0 | 71.5 | -86.5 | 112.2 | 2112 | 127.5* | 1.9 | 8.6* | 776.7 | 75.4 | 23.4 | 15.7 | 17.0 | 17.0 | -37.6 |
| 17:44:01 | 21 22.7 | -49 13.3 | 70.3 | -88.0 | 112.6 | 2118 | 14.9 | -4.8 | -16.3 | 75.7 | 82.6 | -0.0 | -7.1 | 47.0 | 47.0 | 91.8 |
| 17:44:00 | 21 22.7 | -49 13.3 | 310.7 | 352.1 | 2187 | 2121 | 18.6 | -10.2 | -2.0 | 70.8 | 79.6 | -0.5 | 213.2 | 66.1 | 32.9 | 125.3 |
| 17:44:30 | 21 21.3 | -49 12.7 | 55.0 | -106.1 | 119.6 | 2142 | 137.8 | 1.6 | 0.9* | 769.4 | 79.6 | 23.5 | 15.6 | 13.9 | 13.9 | -23.5 |
| 17:44:30 | 21 26.2 | -49 12.0 | 56.2 | -104.5 | 118.7 | 2132 | 138.0 | 1.6 | 0.8* | 774.0 | 79.7 | 23.3 | 15.1 | 16.6 | 16.6 | -37.6 |
| 17:44:31 | 21 21.1 | -49 12.3 | 54.9 | -106.1 | 119.5 | 2138 | 14.3 | -10.2 | -19.1 | 80.1 | 86.8 | -0.0 | -7.5 | 47.0 | 47.0 | 91.4 |
| 17:44:30 | 21 21.1 | -49 12.3 | 310.6 | 350.8 | 2215 | 2142 | 17.6 | -9.6 | -1.5 | 74.4 | 84.1 | -0.5 | 219.0 | 70.4 | 34.2 | 128.8 |



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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 |
| 17:45:00 | 21 19.6 | -49 11.7 | 54.1 | -103.5 | 116.8 | 2127 | 135.7 | 2.5 | 0.7* | 770.3 | 73.3 | 23.2 | 15.8 | 14.2 | 14.2 | -23.3 |
| 17:45:00 | 21 24.6 | -49 11.0 | 55.3 | -101.9 | 115.9 | 2116 | 135.9 | 2.5 | 0.5* | 774.4 | 73.3 | 23.1 | 15.6 | 16.7 | 16.7 | -37.6 |
| 17:45:01 | 21 19.4 | -49 11.3 | 54.2 | -103.3 | 116.6 | 2121 | 14.4 | 1.3 | -15.2 | 73.6 | 81.3 | -0.0 | -7.0 | 47.0 | 47.0 | 91.3 |
| 17:45:00 | 21 19.8* | -49 11.6 | 310.8 | 351.7 | 2210 | 2127 | 16.1 | -15.1 | -3.4 | 70.7 | 77.5 | -0.4 | 210.3 | 64.1 | 37.5 | 123.8 |
| 17:45:30 | 21 17.9 | -49 10.8 | 57.2 | -103.0 | 117.9 | 2105 | 134.7 | 1.9 | -0.4* | 771.8 | 73.3 | 22.8 | 15.5 | 14.2 | 14.2 | -22.8 |
| 17:45:30 | 21 22.9 | -49 10.0 | 58.5 | -101.4 | 117.0 | 2091 | 134.9 | 1.9 | -0.5* | 775.8 | 73.3 | 22.8 | 15.3 | 16.8 | 16.8 | -37.6 |
| 17:45:31 | 21 17.7 | -49 10.4 | 57.4 | -102.7 | 117.7 | 2107 | 14.3 | -1.9 | -16.0 | 73.4 | 80.3 | -0.0 | -6.9 | 47.0 | 47.0 | 93.1 |
| 17:45:30 | 21 17.7 | -49 10.4 | 310.3 | 350.9 | 2196 | 2103 | 16.5 | -15.3 | -3.7 | 69.1 | 77.4 | -0.5 | 210.3 | 61.1 | 36.8 | 123.6 |
| 17:46:00 | 21 16.2 | -49 9.8 | 53.0 | -107.0 | 119.4 | 2097 | 136.6* | 1.9 | -3.0 | 771.9 | 70.9 | 22.8 | 15.7 | 13.8 | 13.8 | -23.2 |
| 17:46:00 | 21 21.3 | -49 9.0 | 54.3 | -105.3 | 118.5 | 2082 | 136.8* | 1.9 | -3.2 | 775.8 | 70.9 | 22.5 | 15.2 | 16.3 | 16.3 | -37.6 |
| 17:46:01 | 21 16.0 | -49 9.4 | 53.1 | -106.8 | 119.2 | 2094 | 14.2 | -2.3 | -14.1 | 71.0 | 78.1 | -0.0 | -6.7 | 47.0 | 47.0 | 89.7 |
| 17:46:00 | 21 16.0 | -49 9.4 | 310.6 | 350.3 | 2196 | 2093 | 17.8 | -10.5 | -0.6 | 68.3 | 74.6 | -0.5 | 206.9 | 58.3 | 37.1 | 121.7 |
| 17:46:30 | 21 14.5 | -49 8.8 | 60.1 | -100.8 | 117.4 | 2086 | 131.4 | 2.0 | 0.1* | 771.9 | 70.7 | 23.4 | 16.3 | 13.0 | 13.0 | -23.0 |
| 17:46:30 | 21 19.6 | -49 8.0 | 61.4 | -99.2 | 116.7 | 2070 | 131.7 | 2.0 | 0.1* | 775.8 | 70.8 | 23.1 | 15.8 | 15.9 | 15.9 | -37.6 |
| 17:46:31 | 21 14.3 | -49 8.4 | 60.3 | -100.6 | 117.3 | 2083 | 14.7 | 0.0 | -13.0 | 70.8 | 77.8 | -0.0 | -6.7 | 47.0 | 47.0 | 81.8 |
| 17:46:30 | 21 14.4 | -49 8.4 | 311.2 | 349.1 | 2196 | 2082 | 17.3 | -8.8 | -0.5 | 67.7 | 74.4 | -0.5 | 206.7 | 56.4 | 38.1 | 121.6 |
| 17:47:00 | 21 12.9 | -49 7.8 | 60.9 | -104.4 | 120.9 | 2074 | 131.8 | 1.8 | 1.3* | 771.7 | 70.4 | 24.7 | 17.6 | 12.5 | 12.5 | -23.2 |
| 17:47:00 | 21 18.0 | -49 7.0 | 62.3 | -102.8 | 120.2 | 2061 | 131.9 | 1.8 | 1.1* | 775.6 | 70.5 | 24.4 | 17.1 | 15.4 | 15.4 | -37.6 |
| 17:47:01 | 21 12.7 | -49 7.4 | 61.3 | -104.1 | 120.8 | 2074 | 15.8 | -1.5 | -13.7 | 70.9 | 77.2 | -0.0 | -6.7 | 47.0 | 47.0 | 72.7 |
| 17:47:00 | 21 12.7 | -49 7.4 | 312.6 | 349.4 | 2198 | 2072 | 17.8 | -5.0 | -1.6 | 67.5 | 74.5 | -0.5 | 206.3 | 51.8 | 38.1 | 121.6 |
| 17:47:30 | 21 11.2 | -49 6.7 | 63.5 | -105.8 | 123.4 | 2061 | 131.4 | 1.7 | 2.7 | 771.6 | 72.7 | 24.0 | 16.8 | 13.8 | 13.8 | -23.2 |
| 17:47:30 | 21 16.3 | -49 5.9 | 64.9 | -104.2 | 122.8 | 2048 | 131.6 | 1.7 | 2.6 | 775.7 | 72.7 | 23.7 | 16.3 | 16.4 | 16.4 | -37.6 |
| 17:47:31 | 21 11.0 | -49 6.3 | 63.9 | -105.6 | 123.4 | 2058 | 15.1 | -4.0 | -14.5 | 72.9 | 79.2 | -0.0 | -6.9 | 47.0 | 47.0 | 83.5 |
| 17:47:30 | 21 11.0 | -49 6.3 | 311.7 | 351.4 | 2197 | 2059 | 17.6 | -7.2 | -2.1 | 68.3 | 76.4 | -0.5 | 209.4 | 49.8 | 38.6 | 123.3 |
| 17:48:00 | 21 9.4 | -49 5.7 | 61.2 | -111.3 | 127.0 | 2048 | 133.6 | 1.5 | -3.6 | 771.6 | 73.3 | 24.1 | 16.8 | 15.1 | 15.1 | -22.3 |
| 17:48:00 | 21 14.5 | -49 4.8 | 62.6 | -109.7 | 126.3 | 2032 | 133.8 | 1.5 | -3.8 | 775.6 | 73.3 | 24.0 | 16.5 | 17.6 | 17.6 | -37.6 |
| 17:48:01 | 21 9.2 | -49 5.2 | 61.6 | -111.0 | 126.9 | 2046 | 15.5 | -4.0 | -16.1 | 73.6 | 80.1 | -0.0 | -6.9 | 47.0 | 47.0 | 90.7 |
| 17:48:00 | 21 9.2 | -49 5.2 | 311.7 | 355.0 | 2198 | 2045 | 17.4 | -9.9 | -1.8 | 68.8 | 77.3 | -0.5 | 210.3 | 47.7 | 39.7 | 123.9 |
| 17:48:30 | 21 7.6 | -49 4.6 | 62.8 | -112.7 | 129.0 | 2031 | 133.9 | 1.6* | -0.6* | 771.8 | 70.8 | 24.1 | 17.0 | 15.3 | 15.3 | -23.6 |
| 17:48:30 | 21 12.8 | -49 3.7 | 64.2 | -111.1 | 128.3 | 2016 | 134.2 | 1.6* | -0.7* | 775.8 | 70.8 | 24.0 | 16.7 | 17.9 | 17.9 | -37.6 |
| 17:48:31 | 21 7.4 | -49 4.1 | 63.4 | -112.3 | 129.0 | 2030 | 15.6 | -10.8 | -19.1 | 71.1 | 77.5 | -0.0 | -6.7 | 47.0 | 47.0 | 91.1 |
| 17:48:30 | 21 7.4 | -49 4.1 | 311.9 | 356.0 | 2196 | 2028 | 17.3 | -12.6 | -3.1 | 68.2 | 74.9 | -0.5 | 206.7 | 41.6 | 39.4 | 121.9 |
| 17:49:00 | 21 5.7 | -49 3.4 | 67.4 | -111.3 | 130.1 | 2015 | 132.7 | 1.8 | -1.2* | 772.0 | 69.2 | 24.9 | 17.9 | 14.9 | 14.9 | -23.0 |
| 17:49:00 | 21 10.9 | -49 2.5 | 68.9 | -109.7 | 129.6 | 2000 | 132.8 | 1.8 | -1.4* | 775.8 | 69.2 | 24.6 | 17.4 | 17.4 | 17.4 | -37.6 |
| 17:49:01 | 21 5.6 | -49 3.0 | 68.0 | -111.0 | 130.2 | 2014 | 16.3 | -0.5 | -13.4 | 69.5 | 76.1 | -0.0 | -6.6 | 47.0 | 47.0 | 83.3 |
| 17:49:00 | 21 5.6 | -49 3.0 | 312.9 | 355.8 | 2196 | 2012 | 17.8 | -8.4 | -2.7 | 67.4 | 72.7 | -0.5 | 204.5 | 36.0 | 37.2 | 120.7 |
| 17:49:30 | 21 3.9 | -49 2.3 | 67.1 | -112.7 | 131.1 | 2079 | 134.7 | 3.3 | 0.2 | 765.0 | 69.8 | 25.2 | 18.1 | 14.3 | 14.3 | -23.8 |
| 17:49:30 | 21 9.2 | -49 1.3 | 68.5 | -111.1 | 130.6 | 2067 | 134.9 | 3.3 | 0.2 | 769.0 | 69.9 | 24.9 | 17.6 | 16.9 | 16.9 | -37.6 |
| 17:49:31 | 21 3.8 | -49 1.8 | 67.6 | -112.4 | 131.2 | 2082 | 16.7 | -1.4 | -15.9 | 71.0 | 76.7 | -0.0 | -6.7 | 47.0 | 47.0 | 79.2 |
| 17:49:30 | 21 3.8 | -49 1.8 | 313.9 | 355.8 | 2266 | 2077 | 19.3 | 2.3 | 1.3 | 67.2 | 73.5 | -0.5 | 205.4 | 35.3 | 32.2 | 121.8 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 17:50:00 | 21 2.1 | -49 1.1 | 65.6 | -114.9 | 132.3 | 2148 | 143.5 | 1.9 | -0.4 | 758.1 | 75.6 | 26.3 | 18.5 | 13.4 | 13.4 | -23.5 |
| 17:50:00 | 21 7.3 | -49 0.1 | 67.1 | -113.4 | 131.7 | 2134 | 143.7 | 1.9 | -0.6 | 762.5 | 75.6 | 26.0 | 18.0 | 16.1 | 16.1 | -37.6 |
| 17:50:01 | 21 1.9 | -49 0.6 | 66.2 | -114.5 | 132.3 | 2152 | 16.7 | -10.2 | -20.1 | 76.0 | 82.3 | -0.0 | -7.3 | 47.0 | 47.0 | 72.8 |
| 17:50:00 | 21 1.9 | -49 0.7 | 315.1 | 355.3 | 2335 | 2149 | 21.1 | -5.7 | -1.9 | 74.2 | 79.6 | -0.5 | 213.5 | 38.6 | 16.6 | 127.2 |
| 17:50:30 | 21 0.3 | -48 59.9 | 70.2 | -111.2 | 131.6 | 2139 | 144.2 | 2.2 | -0.1* | 759.0 | 72.5 | 27.2 | 19.7 | 12.6 | 12.6 | -22.9 |
| 17:50:30 | 21 5.5 | -48 58.9 | 71.8 | -109.7 | 131.1 | 2123 | 144.5 | 2.2 | -0.2* | 763.0 | 72.6 | 26.9

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 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 |
| 17:55:00 | 20 43.6 | -48 50.0 | 68.3 | -111.3 | 130.6 | 2149 | 153.7 | 1.9 | 4.6* | 758.6 | 74.7 | 25.5 | 17.9 | 12.4 | 12.4 | -22.9 |
| 17:55:00 | 20 49.1 | -48 48.8 | 69.9 | -110.1 | 130.4 | 2135 | 153.9 | 1.9 | 4.4* | 762.9 | 74.7 | 25.2 | 17.4 | 14.9 | 14.9 | -37.6 |
| 17:55:01 | 20 43.5 | -48 49.4 | 69.7 | -110.7 | 130.8 | 2152 | 16.6 | -6.3 | -18.1 | 74.9 | 81.2 | -0.0 | -7.2 | 47.0 | 47.0 | 71.0 |
| 17:55:00 | 20 43.5 | -48 49.4 | 314.4 | 351.9 | 2330 | 2148 | 19.8 | -7.1 | -2.1 | 73.3 | 78.6 | -0.5 | 212.2 | 262.9 | 11.9 | 126.2 |
| 17:55:30 | 20 41.9 | -48 48.8 | 97.7 | -91.0 | 133.6 | 2156 | 137.5* | 2.2 | -19.8* | 759.2 | 73.1 | 26.6 | 19.1 | 11.4 | 11.4 | -23.5 |
| 17:55:30 | 20 47.4 | -48 47.5 | 99.3 | -89.8 | 133.9 | 2141 | 137.7* | 2.2 | -19.8* | 762.8 | 73.1 | 26.3 | 18.6 | 14.0 | 14.0 | -37.5 |
| 17:55:31 | 20 41.8 | -48 48.1 | 99.0 | -90.5 | 134.2 | 2154 | 16.9 | -0.4 | -16.1 | 72.8 | 80.0 | -0.0 | -7.0 | 47.0 | 47.0 | 61.4 |
| 17:55:30 | 20 41.8 | -48 48.1 | 315.7 | 351.0 | 2331 | 2152 | 20.7 | -14.0 | -4.9 | 72.1 | 76.4 | -0.5 | 210.0 | 268.7 | 12.2 | 125.1 |
| 17:56:00 | 20 41.1 | -48 46.6 | 136.5 | -15.9 | 137.5 | 2156 | 99.0* | 1.8 | -11.5* | 758.8 | 73.3 | 24.9 | 17.4 | 13.2 | 13.2 | -22.9 |
| 17:56:00 | 20 46.6 | -48 45.3 | 138.0 | -14.7 | 138.8 | 2141 | 99.2* | 1.8 | -11.7* | 762.6 | 73.3 | 24.6 | 16.9 | 15.6 | 15.6 | -37.6 |
| 17:56:01 | 20 41.0 | -48 45.9 | 138.0 | -15.4 | 138.9 | 2154 | 15.7 | -4.0 | -17.7 | 73.1 | 80.1 | -0.0 | -7.1 | 47.0 | 47.0 | 77.1 |
| 17:56:00 | 20 41.0 | -48 45.9 | 313.9 | 353.2 | 2333 | 2154 | 19.2 | -12.3 | -4.2 | 73.0 | 77.1 | -0.5 | 210.3 | 260.3 | 13.1 | 125.0 |
| 17:56:30 | 20 41.4 | -48 44.3 | 126.6 | 56.4 | 138.6 | 2153 | 66.6* | 2.3 | -17.8* | 759.4 | 74.0 | 25.9 | 18.4 | 12.8 | 12.8 | -23.1 |
| 17:56:30 | 20 46.9 | -48 42.9 | 128.0 | 57.7 | 140.4 | 2137 | 66.9* | 2.4 | -17.9* | 763.1 | 74.0 | 25.7 | 17.9 | 15.4 | 15.4 | -37.6 |
| 17:56:31 | 20 41.3 | -48 43.5 | 128.3 | 57.2 | 140.4 | 2151 | 16.5 | -2.7 | -17.1 | 73.8 | 80.6 | -0.0 | -7.1 | 47.0 | 47.0 | 70.7 |
| 17:56:30 | 20 41.3 | -48 43.6 | 314.9 | 353.5 | 2328 | 2150 | 23.0 | -11.9 | -4.1 | 73.2 | 77.7 | -0.5 | 211.3 | 244.8 | 12.9 | 125.7 |
| 17:57:00 | 20 42.6 | -48 42.3 | 104.1 | 90.4 | 137.9 | 2157 | 48.4* | 2.4 | -15.2* | 759.1 | 71.8 | 24.8 | 17.5 | 15.7 | 15.7 | -23.0 |
| 17:57:00 | 20 48.1 | -48 40.9 | 105.4 | 91.5 | 139.6 | 2143 | 48.6* | 2.3 | -15.3* | 762.8 | 71.9 | 24.5 | 17.0 | 16.8 | 16.8 | -37.6 |
| 17:57:01 | 20 42.5 | -48 41.5 | 105.9 | 91.1 | 139.7 | 2156 | 15.8 | -3.5 | -17.9 | 72.0 | 79.0 | -0.0 | -6.9 | 47.0 | 47.0 | 90.5 |
| 17:57:00 | 20 42.5 | -48 41.5 | 313.9 | 360.2 | 2332 | 2155 | 17.6 | -10.5 | -1.5 | 71.5 | 75.4 | -0.5 | 208.2 | 238.7 | 14.3 | 123.9 |
| 17:57:30 | 20 44.4 | -48 41.0 | 40.5 | 129.5 | 135.7 | 2152 | 13.3* | 2.9 | -22.1* | 759.8 | 69.3 | 23.8 | 16.8 | 14.9 | 14.9 | -23.2 |
| 17:57:30 | 20 50.0 | -48 39.6 | 41.8 | 130.5 | 137.0 | 2137 | 13.5* | 2.9 | -22.2* | 763.1 | 69.3 | 23.7 | 16.4 | 17.1 | 17.1 | -37.6 |
| 17:57:31 | 20 44.4 | -48 40.2 | 42.4 | 130.3 | 137.1 | 2150 | 15.4 | 5.2 | -15.1 | 69.4 | 76.9 | -0.0 | -6.7 | 47.0 | 47.0 | 90.0 |
| 17:57:30 | 20 44.3 | -48 40.2 | 313.1 | 357.0 | 2328 | 2148 | 17.4 | -13.3 | -2.4 | 68.6 | 72.5 | -0.5 | 204.6 | 230.0 | 17.3 | 121.6 |
| 17:58:00 | 20 46.6 | -48 40.6 | 12.0 | 134.1 | 134.6 | 2152 | 2.8 | 2.0 | -2.3 | 759.0 | 69.3 | 24.5 | 17.4 | 13.3 | 13.3 | -22.7 |
| 17:58:00 | 20 52.2 | -48 39.2 | 13.2 | 135.0 | 135.7 | 2137 | 3.0 | 2.0 | -2.4 | 762.8 | 69.3 | 24.2 | 16.9 | 15.7 | 15.7 | -37.6 |
| 17:58:01 | 20 46.5 | -48 39.8 | 13.6 | 135.0 | 135.7 | 2153 | 15.8 | -1.3 | -16.6 | 69.4 | 76.4 | -0.0 | -6.7 | 47.0 | 47.0 | 77.2 |
| 17:58:00 | 20 46.5 | -48 39.8 | 313.9 | 353.4 | 2331 | 2150 | 20.0 | -8.9 | -2.9 | 68.8 | 72.9 | -0.5 | 204.6 | 209.0 | 14.4 | 121.6 |
| 17:58:30 | 20 48.7 | -48 40.8 | -59.1 | 116.3 | 130.4 | 2150 | 327.7* | 2.3 | -19.5* | 759.3 | 68.8 | 24.7 | 17.7 | 13.8 | 13.8 | -23.5 |
| 17:58:30 | 20 54.3 | -48 39.4 | -57.9 | 117.1 | 130.6 | 2135 | 327.9* | 2.3 | -19.7* | 762.7 | 68.8 | 24.4 | 17.2 | 16.3 | 16.3 | -37.6 |
| 17:58:31 | 20 48.7 | -48 40.0 | -57.6 | 117.1 | 130.5 | 2150 | 15.6 | 1.7 | -15.3 | 68.9 | 76.1 | -0.0 | -6.6 | 47.0 | 47.0 | 78.9 |
| 17:58:30 | 20 48.7 | -48 39.9 | 314.1 | 355.1 | 2332 | 2148 | 24.0 | -7.9 | -2.9 | 68.6 | 71.8 | -0.5 | 203.8 | 202.9 | 15.1 | 121.3 |
| 17:59:00 | 20 50.5 | -48 41.9 | -61.2 | 116.1 | 131.2 | 2146 | 329.0 | 1.8 | 4.3 | 758.7 | 69.9 | 24.8 | 17.6 | 13.8 | 13.8 | -22.9 |
| 17:59:00 | 20 56.2 | -48 40.5 | -60.0 | 116.9 | 131.4 | 2131 | 329.2 | 1.8 | 4.3 | 762.7 | 69.9 | 24.5 | 17.1 | 16.4 | 16.4 | -37.6 |
| 17:59:01 | 20 50.6 | -48 41.0 | -59.5 | 117.0 | 131.3 | 2148 | 16.3 | -2.2 | -16.6 | 70.2 | 76.8 | -0.0 | -6.7 | 47.0 | 47.0 | 78.9 |
| 17:59:00 | 20 50.5 | -48 41.0 | 314.1 | 355.1 | 2333 | 2145 | 22.6 | -6.4 | -2.0 | 69.4 | 73.7 | -0.5 | 205.5 | 191.4 | 12.0 | 122.2 |
| 17:59:30 | 20 52.5 | -48 42.9 | -50.2 | 123.0 | 132.8 | 2142 | 335.7* | 2.0 | 7.6* | 758.8 | 70.6 | 25.4 | 18.1 | 13.0 | 13.0 | -23.6 |
| 17:59:30 | 20 58.1 | -48 41.5 | -49.1 | 123.7 | 133.1 | 2130 | 335.8* | 2.1 | 7.5* | 762.9 | 70.6 | 25.1 | 17.7 | 15.5 | 15.5 | -37.5 |
| 17:59:31 | 20 52.5 | -48 42.0 | -48.5 | 123.9 | 133.1 | 2144 | 16.7 | -1.8 | -16.4 | 71.0 | 77.3 | -0.0 | -6.8 | 47.0 | 47.0 | 72.7 |
| 17:59:30 | 20 52.5 | -48 42.0 | 314.7 | 353.8 | 2330 | 2140 | 24.1 | -4.8 | -1.3 | 70.1 | 74.6 | -0.5 | 206.5 | 184.1 | 11.2 | 122.9 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:00:00 | 20 54.4 | -48 43.9 | -65.5 | 115.6 | 132.9 | 2139 | 328.1 | 2.1 | -5.4* | 759.2 | 70.0 | 25.5 | 18.3 | 13.3 | 13.3 | -23.3 |
| 18:00:00 | 21 0.1 | -48 42.4 | -64.4 | 116.2 | 132.9 | 2124 | 328.3 | 2.1 | -5.5* | 763.0 | 70.0 | 25.2 | 17.8 | 15.7 | 15.7 | -37.6 |
| 18:00:01 | 20 54.5 | -48 42.9 | -63.7 | 116.5 | 132.8 | 2140 | 16.6 | -1.5 | -16.5 | 70.1 | 76.8 | -0.0 | -6.8 | 47.0 | 47.0 | 72.9 |
| 18:00:00 | 20 54.4 | -48 42.9 | 314.9 | 354.6 | 2329 | 2137 | 24.7 | -8.4 | -2.7 | 69.6 | 73.6 | -0.5 | 205.6 | 178.7 | 12.0 | 122.4 |
| 18:00:30 | 20 56.1 | -48 45.3 | -94.1 | 91.6 | 131.3 | 2137 | 312.0* | 2.5 | 3.3* | 759.1 | 68.4 | 24.9 | 17.9 | 14.0 | 14.0 | -23.4 |
| 18:00:30 | 21 1.8 | -48 43.8 | -92.9 | 92.1 | 130.9 | 2123 | 312.2* | 2.5 | 3.2* | 763.0 | 68.4 | 24.6 | 17.4 | 16.4 | 16.4 | -37.6 |
| 18:00:31 | 20 56.2 | -48 44.3 | -92.4 | 92.4 | 130.7 | 2137 | 16.3 | -0.9 | -16.0 | 68.8 | 75.6 | -0.0 | -6.6 | 47.0 | 47.0 | 79.1 |
| 18:00:30 | 20 56.1 | -48 44.3 | 314.4 | 356.1 | 2329 | 2134 | 21.1 | -5.0 | -1.5 | 68.5 | 72.2 | -0.5 | 203.3 | 160.4 | 11.7 | 121.0 |
| 18:01:00 | 20 57.5 | -48 47.0 | -105.3 | 80.3 | 132.4 | 2141 | 305.4* | 2.0 | -8.6 | 758.9 | 69.9 | 25.0 | 17.9 | 13.7 | 13.7 | -23.1 |
| 18:01:00 | 21 3.2 | -48 45.5 | -104.1 | 80.8 | 131.7 | 2127 | 305.6* | 2.0 | -8.7 | 762.6 | 69.9 | 24.7 | 17.3 | 16.2 | 16.2 | -37.6 |
| 18:01:01 | 20 57.6 | -48 46.0 | -103.5 | 81.2 | 131.5 | 2143 | 16.2 | -1.5 | -15.7 | 69.9 | 76.7 | -0.0 | -6.7 | 47.0 | 47.0 | 77.4 |
| 18:01:00 | 20 57.6 | -48 45.9 | 314.4 | 355.1 | 2333 | 2138 | 23.5 | -9.5 | -3.1 | 69.1 | 73.4 | -0.5 | 205.5 | 153.7 | 11.5 | 122.3 |
| 18:01:30 | 20 58.4 | -48 49.0 | -130.5 | 11.8 | 131.1 | 2137 | 272.4* | 2.4 | -15.1 | 759.4 | 69.7 | 25.5 | 18.4 | 13.6 | 13.6 | -23.1 |
| 18:01:30 | 21 4.0 | -48 47.5 | -129.2 | 12.3 | 129.8 | 2123 | 272.6* | 2.4 | -15.3 | 762.9 | 69.7 | 25.2 | 17.9 | 16.1 | 16.1 | -37.6 |
| 18:01:31 | 20 58.5 | -48 48.0 | -128.7 | 12.7 | 129.3 | 2140 | 16.5 | -0.0 | -15.3 | 69.6 | 76.5 | -0.0 | -6.7 | 47.0 | 47.0 | 74.4 |
| 18:01:30 | 20 58.5 | -48 48.0 | 314.9 | 355.5 | 2330 | 2134 | 22.6 | -10.4 | -3.6 | 69.3 | 73.1 | -0.5 | 205.2 | 131.9 | 11.3 | 122.2 |
| 18:02:00 | 20 58.0 | -48 51.3 | -124.3 | -42.8 | 131.5 | 2135 | 248.6* | 1.6 | -9.3* | 759.0 | 74.0 | 25.3 | 17.7 | 14.2 | 14.2 | -22.8 |
| 18:02:00 | 21 3.7 | -48 49.7 | -122.9 | -42.4 | 130.0 | 2121 | 248.8* | 1.7 | -9.3* | 762.9 | 74.0 | 25.0 | 17.2 | 16.7 | 16.7 | -37.6 |
| 18:02:01 | 20 58.1 | -48 50.2 | -122.5 | -42.0 | 129.5 | 2138 | 16.0 | -4.4 | -16.4 | 73.8 | 80.4 | -0.0 | -7.1 | 47.0 | 47.0 | 80.6 |
| 18:02:00 | 20 58.2 | -48 50.2 | 314.2 | 356.3 | 2331 | 2132 | 20.8 | -12.5 | -4.2 | 73.0 | 77.8 | -0.5 | 211.3 | 119.3 | 9.0 | 125.7 |
| 18:02:30 | 20 56.9 | -48 53.1 | -84.5 | -98.7 | 130.0 | 2135 | 217.6* | 1.8 | -18.8* | 758.9 | 76.9 | 25.7 | 17.8 | 13.8 | 13.8 | -22.7 |
| 18:02:30 | 21 2.6 | -48 51.6 | -83.1 | -98.3 | 128.7 | 2121 | 217.8* | 1.8 | -18.9* | 762.8 | 76.9 | 25.4 | 17.3 | 16.3 | 16.3 | -37.6 |
| 18:02:31 | 20 57.0 | -48 52.1 | -82.8 | -97.9 | 128.3 | 2138 | 16.1 | -5.6 | -16.7 | 76.6 | 83.4 | -0.0 | -7.4 | 47.0 | 47.0 | 78.2 |
| 18:02:30 | 20 57.0 | -48 52.0 | 314.3 | 355.5 | 2331 | 2132 | 21.8 | -13.1 | -4.6 | 75.5 | 80.7 | -0.5 | 215.3 | 115.4 | 8.3 | 128.0 |
| 18:03:00 | 20 55.0 | -48 53.8 | -0.2 | -127.4 | 127.4 | 2136 | 178.7* | 1.5 | -11.7* | 758.7 | 76.5 | 25.6 | 17.8 | 14.3 | 14.3 | -23.0 |
| 18:03:00 | 21 0.7 | -48 52.2 | 1.3 | -127.0 | 127.0 | 2122 | 178.8* | 1.5 | -11.9* | 762.8 | 76.6 | 25.3 | 17.3 | 16.7 | 16.7 | -37.6 |
| 18:03:01 | 20 55.1 | -48 52.7 | 1.8 | -126.8 | 126.8 | 2138 | 16.0 | -7.3 | -17.9 | 76.5 | 83.2 | -0.0 | -7.3 | 47.0 | 47.0 | 80.7 |
| 18:03:00 | 20 55.1 | -48 52.7 | 314.3 | 356.5 | 2331 | 2133 | 21.6 | -10.3 | -3.5 | 75.8 | 80.5 | -0.5 | 214.8 | 93.3 | 4.2 | 127.8 |
| 18:03:30 | 20 53.0 | -48 53.4 | 51.5 | -118.5 | 129.2 | 2137 | 156.7 | 1.3 | -5.1* | 758.6 | 75.8 | 25.4 | 17.6 | 14.7 | 14.7 | -23.4 |
| 18:03:30 | 20 58.7 | -48 51.7 | 52.9 | -117.9 | 129.3 | 2122 | 156.9 | 1.3 | -5.2* | 762.7 | 75.8 | 25.1 | 17.2 | 17.1 | 17.1 | -37.6 |
| 18:03:31 | 20 53.1 | -48 52.2 | 53.6 | -117.8 | 129.4 | 2139 | 16.2 | -8.5 | -18.3 | 76.1 | 82.4 | -0.0 | -7.3 | 47.0 | 47.0 | 83.8 |
| 18:03:30 | 20 53.1 | -48 52.2 | 314.1 | 357.6 | 2332 | 2134 | 20.7 | -6.9 | -2.3 | 75.0 | 79.8 | -0.5 | 213.8 | 340.5 | 2.0 | 127.2 |
| 18:04:00 | 20 51.0 | -48 52.8 | 8.3 | -127.9 | 128.1 | 2138 | 179.2 | 1.4 | 0.8 | 758.5 | 77.4 | 25.6 | 17.7 | 14.6 | 14.6 | -23.5 |
| 18:04:00 | 20 56.7 | -48 51.1 | 9.7 | -127.5 | 127.8 | 2124 | 179.4 | 1.4 | 0.7 | 762.9 | 77.4 | 25.3 | 17.2 | 17.0 | 17.0 | -37.6 |
| 18:04:01 | 20 51.1 | -48 51.6 | 10.1 | -127.3 | 127.7 | 2140 | 16.3 | -8.3 | -18.0 | 77.4 | 83.7 | -0.0 | -7.4 | 47.0 | 47.0 | 82.7 |
| 18:04:00 | 20 51.1 | -48 51.6 | 314.2 | 357.4 | 2331 | 2135 | 21.6 | -9.4 | -3.0 | 75.9 | 81.5 | -0.5 | 215.9 | 264.9 | 5.6 | 128.4 |
| 18:04:30 | 20 48.9 | -48 52.3 | 64.9 | -114.3 | 131.5 | 2145 | 154.3* | 1.2 | -8.0* | 758.5 | 78.4 | 25.8 | 17.9 | 12.1 | 12.1 | -23.4 |
| 18:04:30 | 20 54.6 | -48 50.6 | 66.3 | -113.9 | 131.8 | 2130 | 154.6* | 1.1 | -8.1* | 762.6 | 78.4 | 25.6 | 17.3 | 14.7 | 14.7 | -37.6 |
| 18:04:31 | 20 49.1 | -48 51.1 | 67.0 | -113.7 | 132.0 | 2147 | 16.3 | -8.9 | -18.4 | 78.2 | 84.8 | -0.0 | -7.5 | 47.0 | 47.0 | 69.6 |
| 18:04:30 | 20 49.1 | -48 51.1 | 314.4 | 351.1 | 2333 | 2141 | 24.8 | -11.1 | -3.8 | 77.2 | 82.5 | -0.5 | 217.3 | 258.9 | 7.9 | 129.2 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:05:00 | 20 47.1 | -48 51.2 | 63.9 | -117.2 | 133.5 | 2081 | 156.7 | -2.1 | 1.2 | 764.2 | 82.2 | 26.2 | 17.9 | 13.7 | 13.7 | -22.9 |
| 18:05:00 | 20 52.8 | -48 49.4 | 65.3 | -116.8 | 133.8 | 2066 | 156.9 | -2.1 | 1.0 | 768.6 | 82.2 | 25.9 | 17.4 | 16.2 | 16.2 | -37.6 |
| 18:05:01 | 20 47.2 | -48 49.9 | 66.0 | -116.6 | 134.0 | 2082 | 16.6 | -10.8 | -19.1 | 81.4 | 88.2 | -0.0 | -7.8 | 47.0 | 47.0 | 77.1 |
| 18:05:00 | 20 47.3 | -48 49.9 | 313.7 | 354.1 | 2271 | 2080 | 22.5 | -13.4 | -4.4 | 78.7 | 86.4 | -0.5 | 222.3 | 253.5 | 10.7 | 131.7 |
| 18:05:30 | 20 45.2 | -48 50.0 | 68.8 | -111.7 | 131.2 | 1838 | 155.4 | -2.5 | -1.8 | 786.9 | 79.5 | 27.0 | 19.2 | 15.0 | 15.0 | -22.6 |
| 18:05:30 | 20 50.9 | -48 48.3 | 70.1 | -111.3 | 131.5 | 1820 | 155.6 | -2.5 | -1.8 | 791.1 | 79.5 | 26.8 | 18.7 | 17.4 | 17.4 | -37.6 |
| 18:05:31 | 20 45.4 | -48 48.7 | 70.9 | -111.1 | 131.8 | 1840 | 17.6 | -7.5 | -13.2 | 77.7 | 85.4 | -0.0 | -7.4 | 47.0 | 47.0 | 77.3 |
| 18:05:30 | 20 45.4 | -48 48.7 | 312.5 | 354.9 | 2039 | 1836 | 22.4 | -18.0 | -6.4 | 75.8 | 83.4 | -0.5 | 218.8 | 254.8 | 13.6 | 128.2 |
| 18:06:00 | 20 43.4 | -48 48.9 | 62.2 | -111.6 | 127.7 | 1573 | 158.9 | -2.8 | -4.8 | 811.8 | 80.2 | 27.4 | 19.7 | 16.8 | 16.8 | -22.5 |
| 18:06:00 | 20 49.1 | -48 47.1 | 63.5 | -111.3 | 128.1 | 1555 | 159.1 | -2.8 | -5.0 | 815.9 | 80.3 | 27.1 | 19.2 | 19.1 | 19.1 | -37.6 |
| 18:06:01 | 20 43.6 | -48 47.6 | 64.2 | -111.1 | 128.3 | 1573 | 18.1 | -8.9 | -11.0 | 77.7 | 86.2 | -0.0 | -7.2 | 47.0 | 47.0 | 84.2 |
| 18:06:00 | 20 43.6 | -48 47.6 | 310.3 | 356.0 | 1790 | 1572 | 20.4 | -19.8 | -7.1 | 76.8 | 84.0 | -0.5 | 219.8 | 247.8 | 15.1 | 127.0 |
| 18:06:30 | 20 41.7 | -48 47.8 | 68.9 | -103.6 | 124.4 | 1502 | 155.0 | 0.5 | -1.3 | 818.9 | 74.3 | 27.9 | 20.8 | 17.0 | 17.0 | -23.0 |
| 18:06:30 | 20 47.4 | -48 46.0 | 70.1 | -103.3 | 124.8 | 1487 | 155.2 | 0.5 | -1.3 | 823.0 | 74.4 | 27.6 | 20.3 | 19.4 | 19.4 | -37.6 |
| 18:06:31 | 20 41.8 | -48 46.4 | 71.1 | -103.0 | 125.1 | 1505 | 19.1 | -7.3 | -10.5 | 75.1 | 81.3 | -0.0 | -6.6 | 47.0 | 47.0 | 79.7 |
| 18:06:30 | 20 41.9 | -48 46.4 | 310.7 | 356.7 | 1720 | 1499 | 21.6 | -4.2 | -1.4 | 71.1 | 78.4 | -0.5 | 211.7 | 247.7 | 18.5 | 122.1 |
| 18:07:00 | 20 39.9 | -48 46.6 | 70.7 | -108.2 | 129.3 | 1499 | 156.5 | 1.4 | 0.8 | 819.6 | 81.1 | 27.8 | 20.1 | 17.3 | 17.3 | -23.0 |
| 18:07:00 | 20 45.7 | -48 44.8 | 71.9 | -108.0 | 129.7 | 1483 | 156.6 | 1.4 | 0.6 | 824.3 | 81.1 | 27.6 | 19.6 | 19.8 | 19.8 | -37.6 |
| 18:07:01 | 20 40.1 | -48 45.2 | 72.8 | -107.7 | 130.0 | 1500 | 18.7 | -12.1 | -13.5 | 80.6 | 88.0 | -0.0 | -7.2 | 47.0 | 47.0 | 85.1 |
| 18:07:00 | 20 40.1 | -48 45.2 | 309.8 | 356.7 | 1707 | 1494 | 22.3 | -0.7 | -0.4 | 77.9 | 85.6 | -0.5 | 220.9 | 247.5 | 22.2 | 127.1 |
| 18:07:30 | 20 38.2 | -48 45.4 | 66.2 | -108.7 | 127.3 | 1502 | 162.2 | 1.4 | -1.0* | 820.3 | 77.6 | 27.8 | 20.4 | 16.8 | 16.8 | -22.9 |
| 18:07:30 | 20 43.9 | -48 43.6 | 67.4 | -108.5 | 127.7 | 1488 | 162.5 | 1.4 | -1.0* | 824.6 | 77.6 | 27.5 | 19.9 | 19.0 | 19.0 | -37.6 |
| 18:07:31 | 20 38.4 | -48 44.0 | 68.3 | -108.3 | 128.0 | 1501 | 19.0 | -7.8 | -13.1 | 77.9 | 84.4 | -0.0 | -6.9 | 47.0 | 47.0 | 80.8 |
| 18:07:30 | 20 38.4 | -48 44.0 | 310.1 | 355.3 | 1704 | 1498 | 20.4 | -10.7 | -2.7 | 74.4 | 81.8 | -0.4 | 216.2 | 250.9 | 28.5 | 124.4 |
| 18:08:00 | 20 36.4 | -48 44.3 | 66.2 | -107.9 | 126.6 | 1534 | 166.1 | 2.2 | -1.4* | 818.3 | 72.4 | 26.1 | 19.2 | 17.2 | 17.2 | -22.8 |
| 18:08:00 | 20 42.1 | -48 42.5 | 67.3 | -107.8 | 127.1 | 1518 | 166.3 | 2.2 | -1.5* | 822.3 | 72.4 | 26.0 | 18.9 | 19.6 | 19.6 | -37.6 |
| 18:08:01 | 20 36.6 | -48 42.8 | 68.4 | -107.5 | 127.4 | 1531 | 17.9 | -4.3 | -12.2 | 72.9 | 80.1 | -0.0 | -6.5 | 47.0 | 47.0 | 89.6 |
| 18:08:00 | 20 36.6 | -48 42.8 | 309.1 | 355.5 | 1726 | 1528 | 19.5 | -13.4 | -3.0 | 69.9 | 76.8 | -0.5 | 209.0 | 256.8 | 36.4 | 120.3 |
| 18:08:30 | 20 34.6 | -48 43.2 | 63.7 | -106.7 | 124.2 | 1527 | 167.6* | 0.9 | 1.1* | 819.2 | 79.2 | 25.8 | 18.3 | 17.4 | 17.4 | -23.0 |
| 18:08:30 | 20 40.4 | -48 41.3 | 64.8 | -106.6 | 124.7 | 1513 | 167.8* | 0.8 | 1.0* | 823.7 | 79.2 | 25.3 | 17.6 | 20.0 | 20.0 | -37.6 |
| 18:08:31 | 20 34.8 | -48 41.7 | 65.8 | -106.3 | 125.0 | 1523 | 17.7 | -11.2 | -17.4 | 80.3 | 86.9 | -0.0 | -7.1 | 47.0 | 47.0 | 96.3 |
| 18:08:30 | 20 34.8 | -48 41.7 | 308.0 | 354.8 | 1713 | 1522 | 19.1 | 3.3 | 2.1 | 77.3 | 83.8 | -0.3 | 218.4 | 247.3 | 41.3 | 125.3 |
| 18:09:00 | 20 33.0 | -48 42.1 | 65.2 | -96.8 | 116.8 | 1538 | 166.5 | 1.3 | -0.3* | 819.7 | 73.4 | 25.1 | 18.1 | 17.0 | 17.0 | -22.1 |
| 18:09:00 | 20 38.8 | -48 40.2 | 66.3 | -96.8 | 117.3 | 1524 | 166.7 | 1.3 | -0.4* | 823.8 | 73.4 | 25.1 | 17.9 | 19.6 | 19.6 | -37.6 |
| 18:09:01 | 20 33.2 | -48 40.6 | 67.4 | -96.5 | 117.7 | 1534 | 17.3 | -4.8 | -13.3 | 73.7 | 81.0 | -0.0 | -6.6 | 47.0 | 47.0 | 95.0 |
| 18:09:00 | 20 33.2 | -48 40.6 | 307.8 | 353.3 | 1712 | 1533 | 18.8 | -10.7 | -2.0 | 71.1 | 77.3 | -0.4 | 210.4 | 240.6 | 41.2 | 120.7 |
| 18:09:30 | 20 31.4 | -48 41.1 | 57.5 | -98.2 | 113.8 | 1562 | 170.1 | 2.0 | -2.5 | 818.9 | 74.6 | 25.5 | 18.4 | 17.0 | 17.0 | -22.4 |
| 18:09:30 | 20 37.2 | -48 39.2 | 58.6 | -98.1 | 114.3 | 1546 | 170.4 | 2.0 | -2.5 | 823.1 | 74.7 | 25.4 | 18.1 | 19.2 | 19.2 | -37.6 |
| 18:09:31 | 20 31.6 | -48 39.5 | 59.7 | -97.8 | 114.6 | 1558 | 17.2 | -5.4 | -14.4 | 74.9 | 82.3 | -0.0 | -6.7 | 47.0 | 47.0 | 92.9 |
| 18:09:30 | 20 31.7 | -48 39.5 | 308.2 | 353.8 | 1719 | 1556 | 18.6 | -13.6 | -2.8 | 72.8 | 78.5 | -0.4 | 212.2 | 238.4 | 40.9 | 121.8 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:10:00 | 20 29.8 | -48 40.1 | 53.9 | -96.2 | 110.3 | 1600 | 171.0 | 1.2 | 1.6* | 816.4 | 75.5 | 24.8 | 17.6 | 16.4 | 16.4 | -22.5 |
| 18:10:00 | 20 35.6 | -48 38.2 | 54.9 | -96.3 | 110.8 | 1584 | 171.2 | 1.2 | 1.5* | 820.8 | 75.6 | 24.6 | 17.2 | 18.9 | 18.9 | -37.6 |
| 18:10:01 | 20 30.1 | -48 38.5 | 56.0 | -95.9 | 111.0 | 1595 | 16.7 | -9.4 | -15.9 | 76.2 | 83.6 | -0.0 | -6.8 | 47.0 | 47.0 | 93.7 |
| 18:10:00 | 20 30.1 | -48 38.5 | 307.6 | 351.4 | 1742 | 1594 | 20.1 | -7.5 | -1.0 | 73.5 | 79.5 | -0.5 | 213.4 | 234.1 | 42.1 | 122.5 |
| 18:10:30 | 20 28.2 | -48 39.1 | 58.1 | -99.0 | 114.8 | 1526 | 169.2 | 2.7 | 0.3 | 825.0 | 76.1 | 25.2 | 18.1 | 16.7 | 16.7 | -23.0 |
| 18:10:30 | 20 34.0 | -48 37.2 | 59.1 | -99.0 | 115.3 | 1512 | 169.4 | 2.6 | 0.2 | 829.3 | 76.1 | 25.2

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:15:00 | 20 17.3 | -48 27.5 | 140.0 | 70.3 | 156.7 | 1563 | 69.4* | 1.2 | -16.5* | 828.7 | 78.0 | 24.8 | 17.5 | 16.2 | 16.2 | -22.8 |
| 18:15:00 | 20 23.0 | -48 25.4 | 140.4 | 70.1 | 156.9 | 1546 | 69.6* | 1.1 | -16.6* | 832.7 | 78.0 | 24.8 | 17.3 | 18.8 | 18.8 | -37.6 |
| 18:15:01 | 20 17.6 | -48 25.5 | 142.0 | 70.4 | 158.5 | 1561 | 16.2 | -10.7 | -17.4 | 78.7 | 85.2 | -0.0 | -6.9 | 47.0 | 47.0 | 93.4 |
| 18:15:00 | 20 17.6 | -48 25.5 | 306.3 | 348.8 | 1625 | 1555 | 19.3 | -10.9 | -2.2 | 75.5 | 81.9 | -0.5 | 216.8 | 223.9 | 35.8 | 123.6 |
| 18:15:30 | 20 18.6 | -48 25.1 | 132.2 | 81.0 | 155.0 | 1563 | 63.3 | 1.8* | -2.2* | 828.3 | 74.2 | 24.6 | 17.6 | 16.4 | 16.4 | -22.5 |
| 18:15:30 | 20 24.3 | -48 23.1 | 132.5 | 80.8 | 155.2 | 1549 | 63.4 | 1.9* | -2.3* | 832.6 | 74.2 | 24.7 | 17.5 | 18.9 | 18.9 | -37.6 |
| 18:15:31 | 20 18.8 | -48 23.1 | 134.1 | 81.2 | 156.7 | 1563 | 16.5 | -12.6 | -17.5 | 75.0 | 81.2 | -0.0 | -6.6 | 47.0 | 47.0 | 93.9 |
| 18:15:30 | 20 18.8 | -48 23.2 | 306.4 | 349.3 | 1626 | 1556 | 18.2 | -10.1 | -2.1 | 72.8 | 78.0 | -0.4 | 211.5 | 224.2 | 35.9 | 120.6 |
| 18:16:00 | 20 19.8 | -48 22.8 | 135.2 | 80.1 | 157.2 | 1522 | 65.9 | 0.8 | -2.6 | 832.3 | 77.5 | 25.2 | 17.9 | 16.6 | 16.6 | -23.2 |
| 18:16:00 | 20 25.6 | -48 20.7 | 135.5 | 79.8 | 157.3 | 1507 | 66.2 | 0.8 | -2.7 | 836.5 | 77.6 | 25.1 | 17.7 | 19.1 | 19.1 | -37.6 |
| 18:16:01 | 20 20.1 | -48 20.8 | 137.2 | 80.2 | 158.9 | 1522 | 17.0 | -7.6 | -15.1 | 78.0 | 84.4 | -0.0 | -6.8 | 47.0 | 47.0 | 93.4 |
| 18:16:00 | 20 20.1 | -48 20.8 | 306.3 | 349.7 | 1587 | 1516 | 18.6 | -14.4 | -3.2 | 73.3 | 81.1 | -0.2 | 216.1 | 220.0 | 36.9 | 123.0 |
| 18:16:30 | 20 21.2 | -48 20.5 | 134.4 | 77.1 | 155.0 | 1518 | 66.1 | 1.8 | -1.1* | 832.7 | 75.8 | 25.2 | 18.1 | 16.2 | 16.2 | -23.0 |
| 18:16:30 | 20 26.9 | -48 18.4 | 134.7 | 76.8 | 155.0 | 1501 | 66.3 | 1.8 | -1.1* | 837.0 | 75.8 | 25.1 | 17.8 | 18.8 | 18.8 | -37.6 |
| 18:16:31 | 20 21.4 | -48 18.4 | 136.3 | 77.2 | 156.6 | 1519 | 16.9 | -8.1 | -15.5 | 76.4 | 82.7 | -0.0 | -6.7 | 47.0 | 47.0 | 89.8 |
| 18:16:30 | 20 21.4 | -48 18.5 | 306.4 | 348.6 | 1583 | 1512 | 18.6 | -6.9 | -0.8 | 72.7 | 80.1 | -0.5 | 213.7 | 220.7 | 36.0 | 121.6 |
| 18:17:00 | 20 22.4 | -48 18.2 | 129.6 | 75.4 | 149.9 | 1549 | 68.3 | 2.3 | 1.6 | 829.9 | 69.5 | 24.7 | 18.2 | 15.8 | 15.8 | -22.6 |
| 18:17:00 | 20 28.1 | -48 16.1 | 129.8 | 75.1 | 149.9 | 1534 | 68.5 | 2.3 | 1.5 | 833.9 | 69.5 | 24.7 | 18.0 | 18.6 | 18.6 | -37.6 |
| 18:17:01 | 20 22.7 | -48 16.1 | 131.3 | 75.5 | 151.5 | 1552 | 16.9 | -3.5 | -14.2 | 69.9 | 77.3 | -0.0 | -6.2 | 47.0 | 47.0 | 87.2 |
| 18:17:00 | 20 22.7 | -48 16.2 | 306.8 | 348.3 | 1613 | 1544 | 19.6 | -11.4 | -2.1 | 68.6 | 73.3 | -0.5 | 204.9 | 214.9 | 37.7 | 116.9 |
| 18:17:30 | 20 23.6 | -48 16.0 | 130.4 | 76.6 | 151.2 | 1572 | 69.0 | 2.2 | 0.9* | 827.8 | 71.6 | 24.5 | 17.7 | 16.8 | 16.8 | -22.6 |
| 18:17:30 | 20 29.4 | -48 13.9 | 130.5 | 76.2 | 151.2 | 1557 | 69.2 | 2.3 | 0.8 | 831.9 | 71.6 | 24.3 | 17.3 | 19.3 | 19.3 | -37.6 |
| 18:17:31 | 20 23.9 | -48 13.9 | 132.1 | 76.7 | 152.7 | 1573 | 17.0 | -2.8 | -12.8 | 72.3 | 79.0 | -0.0 | -6.4 | 47.0 | 47.0 | 95.5 |
| 18:17:30 | 20 23.9 | -48 13.9 | 306.5 | 350.6 | 1632 | 1565 | 18.6 | -11.4 | -2.5 | 69.4 | 75.5 | -0.4 | 207.9 | 211.7 | 38.4 | 118.6 |
| 18:18:00 | 20 24.9 | -48 13.7 | 136.9 | 73.3 | 155.3 | 1520 | 73.4* | -0.6* | 2.7 | 832.9 | 80.5 | 25.4 | 17.9 | 17.0 | 17.0 | -23.1 |
| 18:18:00 | 20 30.6 | -48 11.6 | 137.0 | 72.9 | 155.2 | 1503 | 73.7* | -0.6* | 2.5 | 837.5 | 80.6 | 25.3 | 17.6 | 19.5 | 19.5 | -37.6 |
| 18:18:01 | 20 25.2 | -48 11.5 | 138.5 | 73.5 | 156.8 | 1517 | 17.2 | -9.3 | -17.0 | 79.3 | 88.1 | -0.0 | -7.1 | 47.0 | 47.0 | 96.0 |
| 18:18:00 | 20 25.1 | -48 11.6 | 306.1 | 350.4 | 1578 | 1515 | 18.8 | -30.9* | -9.1 | 76.6 | 84.8 | -0.4 | 220.2 | 209.0 | 37.8 | 125.2 |
| 18:18:30 | 20 26.1 | -48 11.5 | 125.8 | 76.5 | 147.2 | 1559 | 68.1 | 1.4 | 0.7 | 829.5 | 71.9 | 24.2 | 17.5 | 16.4 | 16.4 | -22.9 |
| 18:18:30 | 20 31.8 | -48 9.4 | 125.9 | 76.1 | 147.1 | 1544 | 68.4 | 1.5 | 0.6 | 833.6 | 71.9 | 24.3 | 17.3 | 18.9 | 18.9 | -37.6 |
| 18:18:31 | 20 26.3 | -48 9.3 | 127.4 | 76.4 | 148.6 | 1556 | 16.4 | -3.6 | -12.7 | 73.6 | 79.8 | -0.0 | -6.4 | 47.0 | 47.0 | 94.9 |
| 18:18:30 | 20 26.3 | -48 9.3 | 306.1 | 349.0 | 1616 | 1553 | 18.2 | 1.4 | 1.4 | 67.9 | 76.0 | -0.4 | 208.3 | 204.8 | 36.5 | 118.7 |
| 18:19:00 | 20 27.4 | -48 9.3 | 126.8 | 79.1 | 149.4 | 1528 | 68.9 | 2.8 | 1.3* | 832.6 | 75.1 | 25.4 | 18.3 | 15.2 | 15.2 | -22.8 |
| 18:19:00 | 20 33.1 | -48 7.2 | 126.8 | 78.7 | 149.3 | 1513 | 69.1 | 2.7 | 1.2* | 837.0 | 75.2 | 25.2 | 18.0 | 17.6 | 17.6 | -37.6 |
| 18:19:01 | 20 27.6 | -48 7.0 | 128.4 | 79.0 | 150.7 | 1525 | 16.9 | -8.0 | -16.6 | 75.2 | 82.2 | -0.0 | -6.6 | 47.0 | 47.0 | 82.6 |
| 18:19:00 | 20 27.6 | -48 7.1 | 306.7 | 346.2 | 1583 | 1521 | 23.2 | -12.1 | -2.7 | 72.2 | 79.2 | -0.5 | 212.8 | 203.0 | 37.0 | 121.1 |
| 18:19:30 | 20 28.6 | -48 7.1 | 126.0 | 76.4 | 147.3 | 1552 | 70.2* | 1.3 | 4.4* | 830.5 | 73.9 | 24.8 | 17.9 | 15.1 | 15.1 | -23.2 |
| 18:19:30 | 20 34.3 | -48 5.0 | 126.0 | 75.9 | 147.1 | 1537 | 70.4* | 1.4 | 4.3* | 834.8 | 73.9 | 24.5 | 17.4 | 17.7 | 17.7 | -37.6 |
| 18:19:31 | 20 28.9 | -48 4.9 | 127.5 | 76.3 | 148.6 | 1550 | 16.6 | -5.7 | -14.1 | 74.5 | 81.7 | -0.0 | -6.5 | 47.0 | 47.0 | 85.0 |
| 18:19:30 | 20 28.9 | -48 4.9 | 306.4 | 345.9 | 1604 | 1547 | 23.4 | -4.6 | -0.5 | 69.9 | 77.9 | -0.5 | 211.1 | 200.0 | 37.9 | 120.2 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:20:00 | 20 29.8 | -48 4.9 | 127.0 | 75.4 | 147.7 | 1572 | 71.2* | 1.8 | -8.9* | 829.2 | 75.5 | 25.4 | 18.3 | 14.4 | 14.4 | -22.7 |
| 18:20:00 | 20 35.4 | -48 2.8 | 126.9 | 74.9 | 147.4 | 1556 | 71.4* | 1.8 | -9.0* | 833.4 | 75.6 | 25.2 | 17.9 | 17.1 | 17.1 | -37.6 |
| 18:20:01 | 20 30.0 | -48 2.6 | 128.5 | 75.2 | 148.8 | 1569 | 16.8 | -6.7 | -15.2 | 75.7 | 83.6 | -0.0 | -6.7 | 47.0 | 47.0 | 79.0 |
| 18:20:00 | 20 30.0 | -48 2.6 | 307.0 | 345.0 | 1618 | 1565 | 22.5 | -11.7 | -2.6 | 71.9 | 79.4 | -0.5 | 213.4 | 199.3 | 37.0 | 121.7 |
| 18:20:30 | 20 31.1 | -48 2.8 | 117.2 | 97.3 | 152.3 | 1582 | 59.7* | 1.3 | -15.1 | 828.9 | 76.0 | 25.4 | 18.2 | 14.3 | 14.3 | -23.0 |
| 18:20:30 | 20 36.7 | -48 0.6 | 117.0 | 96.8 | 151.9 | 1566 | 59.9* | 1.4 | -15.2 | 832.8 | 76.1 | 25.2 | 17.9 | 17.0 | 17.0 | -37.6 |
| 18:20:31 | 20 31.3 | -48 0.4 | 118.6 | 97.1 | 153.2 | 1575 | 16.5 | -6.4 | -15.0 | 76.1 | 84.1 | -0.0 | -6.7 | 47.0 | 47.0 | 78.7 |
| 18:20:30 | 20 31.3 | -48 0.5 | 307.0 | 344.6 | 1624 | 1574 | 21.3 | -13.3 | -3.1 | 72.1 | 79.8 | -0.5 | 214.1 | 200.0 | 36.6 | 122.1 |
| 18:21:00 | 20 32.8 | -48 0.8 | 108.8 | 110.2 | 154.8 | 1576 | 53.7* | 1.6 | -5.6 | 829.3 | 76.6 | 25.2 | 18.1 | 14.7 | 14.7 | -22.6 |
| 18:21:00 | 20 38.5 | -47 58.7 | 108.6 | 109.7 | 154.3 | 1560 | 54.0* | 1.6 | -5.8 | 833.6 | 76.6 | 25.1 | 17.7 | 17.2 | 17.2 | -37.6 |
| 18:21:01 | 20 33.1 | -47 58.5 | 110.1 | 110.0 | 155.6 | 1572 | 16.6 | -10.3 | -16.9 | 76.7 | 84.2 | -0.0 | -6.8 | 47.0 | 47.0 | 81.4 |
| 18:21:00 | 20 33.0 | -47 58.5 | 306.7 | 345.1 | 1616 | 1570 | 22.2 | -13.0 | -2.8 | 72.7 | 80.6 | -0.5 | 214.8 | 196.8 | 38.1 | 122.4 |
| 18:21:30 | 20 34.6 | -47 59.0 | 110.0 | 109.5 | 155.3 | 1552 | 54.2 | 1.5 | -0.6* | 831.7 | 80.2 | 25.4 | 17.9 | 15.2 | 15.2 | -22.9 |
| 18:21:30 | 20 40.3 | -47 56.8 | 109.8 | 109.0 | 154.7 | 1536 | 54.3 | 1.5 | -0.7* | 836.3 | 80.2 | 25.2 | 17.5 | 17.6 | 17.6 | -37.6 |
| 18:21:31 | 20 34.9 | -47 56.6 | 111.3 | 109.3 | 156.0 | 1548 | 16.5 | -10.9 | -16.3 | 80.6 | 87.1 | -0.0 | -7.0 | 47.0 | 47.0 | 85.5 |
| 18:21:30 | 20 34.9 | -47 56.6 | 306.3 | 345.9 | 1590 | 1546 | 23.7 | -8.2 | -2.0 | 74.6 | 84.7 | -0.5 | 219.7 | 194.4 | 37.0 | 125.0 |
| 18:22:00 | 20 36.4 | -47 57.1 | 104.6 | 105.0 | 148.2 | 1548 | 55.1 | 1.4 | -4.3* | 832.7 | 73.5 | 25.2 | 18.3 | 14.6 | 14.6 | -23.1 |
| 18:22:00 | 20 42.0 | -47 55.0 | 104.3 | 104.4 | 147.6 | 1533 | 55.3 | 1.4 | -4.4* | 836.7 | 73.5 | 25.0 | 18.0 | 17.1 | 17.1 | -37.6 |
| 18:22:01 | 20 36.6 | -47 54.7 | 105.9 | 104.7 | 148.9 | 1544 | 16.8 | -4.6 | -13.4 | 73.2 | 80.5 | -0.0 | -6.5 | 47.0 | 47.0 | 79.6 |
| 18:22:00 | 20 36.6 | -47 54.7 | 306.7 | 344.8 | 1585 | 1542 | 24.1 | -15.6 | -3.6 | 69.7 | 77.5 | -0.5 | 210.6 | 192.2 | 35.5 | 119.9 |
| 18:22:30 | 20 38.4 | -47 55.8 | 34.3 | 148.6 | 152.5 | 1527 | 13.6* | 1.6 | -20.6* | 835.6 | 70.1 | 24.4 | 17.9 | 15.1 | 15.1 | -22.4 |
| 18:22:30 | 20 44.1 | -47 53.7 | 33.9 | 147.9 | 151.8 | 1510 | 13.8* | 1.7 | -20.7* | 839.1 | 70.1 | 24.1 | 17.4 | 17.6 | 17.6 | -37.6 |
| 18:22:31 | 20 38.7 | -47 53.4 | 35.3 | 148.4 | 152.5 | 1520 | 16.2 | -2.6 | -11.3 | 70.6 | 77.3 | -0.0 | -6.2 | 47.0 | 47.0 | 85.1 |
| 18:22:30 | 20 38.6 | -47 53.4 | 305.9 | 345.2 | 1562 | 1518 | 23.6 | -6.4 | -1.4 | 66.0 | 73.3 | -0.5 | 205.7 | 191.0 | 35.6 | 116.9 |
| 18:23:00 | 20 40.8 | -47 56.2 | -69.2 | 132.0 | 149.0 | 1496 | 321.6* | 1.3* | -15.0 | 837.9 | 74.7 | 24.9 | 17.9 | 15.2 | 15.2 | -23.0 |
| 18:23:00 | 20 46.4 | -47 54.1 | -69.5 | 131.2 | 148.4 | 1479 | 321.9* | 1.3* | -15.1 | 841.8 | 74.7 | 24.3 | 17.2 | 17.7 | 17.7 | -37.6 |
| 18:23:01 | 20 41.1 | -47 53.7 | -68.2 | 131.9 | 148.4 | 1496 | 16.4 | -3.1 | -11.3 | 75.3 | 81.5 | -0.0 | -6.5 | 47.0 | 47.0 | 85.2 |
| 18:23:00 | 20 41.0 | -47 53.7 | 305.7 | 345.0 | 1537 | 1489 | 23.2 | -5.3 | -1.9 | 67.7 | 78.2 | -0.5 | 212.3 | 188.3 | 38.0 | 120.4 |
| 18:23:30 | 20 42.5 | -47 57.8 | -112.1 | 69.6 | 132.0 | 1520 | 285.1* | 2.1 | -10.3* | 835.1 | 73.0 | 24.4 | 17.6 | 15.3 | 15.3 | -22.7 |
| 18:23:30 | 20 48.1 | -47 55.7 | -112.4 | 68.7 | 131.7 | 1504 | 285.3* | 2.0 | -10.4* | 839.1 | 73.0 | 24.1 | 17.1 | 17.8 | 17.8 | -37.6 |
| 18:23:31 | 20 42.7 | -47 55.3 | -111.3 | 69.2 | 131.1 | 1519 | 16.1 | -6.3 | -14.1 | 73.7 | 79.6 | -0.0 | -6.4 | 47.0 | 47.0 | 87.4 |
| 18:23:30 | 20 42.7 | -47 55.3 | 305.7 | 345.4 | 1563 | 1512 | 21.2 | -5.0 | -1.3 | 69.0 | 76.6 | -0.5 | 209.9 | 184.3 | 38.8 | 119.2 |
| 18:24:00 | 20 43.6 | -47 59.8 | -115.1 | 66.3 | 132.8 | 1529 | 283.9 | 1.7 | -2.2* | 833.4 | 73.4 | 25.1 | 18.2 | 14.8 | 14.8 | -23.0 |
| 18:24:00 | 20 49.2 | -47 57.7 | -115.4 | 65.4 | 132.6 | 1516 | 284.1 | 1.7 | -2.3* | 837.6 | 73.5 | 24.9 | 17.9 | 17.4 | 17.4 | -37.6 |
| 18:24:01 | 20 43.8 | -47 57.3 | -114.3 | 66.1 | 132.1 | 1531 | 16.6 | -5.1 | -14.3 | 74.1 | 80.4 | -0.0 | -6.5 | 47.0 | 47.0 | 81.5 |
| 18:24:00 | 20 43.8 | -47 57.3 | 306.5 | 345.2 | 1577 | 1523 | 22.3 | -6.2 | -1.5 | 69.6 | 77.3 | -0.5 | 210.5 | 181.8 | 37.8 | 119.7 |
| 18:24:30 | 20 44.6 | -48 1.8 | -116.6 | 69.9 | 135.9 | 1514 | 285.0 | 1.1 | 1.4 | 834.1 | 78.2 | 25.4 | 18.1 | 15.7 | 15.7 | -22.5 |
| 18:24:30 | 20 50.2 | -47 59.7 | -116.9 | 69.0 | 135.7 | 1499 | 285.2 | 1.1 | 1.3 | 838.7 | 78.2 | 25.2 | 17.8 | 18.1 | 18.1 | -37.6 |
| 18:24:31 | 20 44.9 | -47 59.3 | -115.9 | 69.6 | 135.2 | 1515 | 16.8 | -9.2 | -14.6 | 78.6 | 85.3 | -0.0 | -6.9 | 47.0 | 47.0 | 86.9 |
| 18:24:30 | 20 44.8 | -47 59.3 | 306.2 | 346.9 | 1567 | 1508 | 21.9 | -10.7 | -2.9 | 71.6 | 82.5 | -0.5 | 217.0 | 184.2 | 39.2 | 123.4 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:25:00 | 20 45.7 | -48 3.8 | -115.4 | 67.3 | 133.6 | 1510 | 282.8 | 2.0 | 0.9* | 833.8 | 72.7 | 24.9 | 18.1 | 15.0 | 15.0 | -0.2 |
| 18:25:00 | 20 51.3 | -48 1.7 | -115.8 | 66.4 | 133.5 | 1494 | 283.0 | 2.0 | 0.9* | 838.1 | 72.8 | 24.5 | 17.5 | 17.6 | 17.6 | -11.0 |
| 18:25:01 | 20 46.0 | -48 1.3 | -114.9 | 66.9 | 132.9 | 1514 | 16.8 | -5.2 | -14.4 | 73.4 | 80.0 | -0.0 | -6.4 | 47.0 | 47.0 | 83.3 |
| 18:25:00 | 20 45.9 | -48 1.3 | 306.3 | 345.4 | 1572 | 1504 | 19.6 | -9.2 | -2.2 | 68.9 | 76.7 | -0.5 | 209.5 | 181.2 | 41.9 | 119.1 |
| 18:25:30 | 20 46.8 | -48 5.8 | -115.6 | 64.9 | 132.6 | 1506 | 281.4 | 0.6* | 1.4* | 833.7 | 72.5 | 24.7 | 18.0 | 15.5 | 15.5 | 25.3 |
| 18:25:30 | 20 52.3 | -48 3.7 | -116.0 | 64.0 | 132.5 | 1490 | 281.6 | 0.5* | 1.2* | 837.7 | 72.5 | 24.7 | 17.7 | 18.0 | 18.0 | 25.4 |
| 18:25:31 | 20 47.0 | -48 3.3 | -115.1 | 64.4 | 131.9 | 1507 | 17.0 | -2.4 | -12.0 | 73.0 | 79.3 | -0.0 | -6.4 | 47.0 | 47.0 | 86.4 |
| 18:25:30 | 20 47.0 | -48 3.3 | 306.2 | 346.4 | 1576 | 1501 | 20.4 | -9.4 | -2.6 | 67.2 | 76.4 | -0.5 | 209.2 | 181.6 | 42.4 | 119.0 |
| 18:26:00 | 20 47.9 | -48 7.7 | -112.8 | 69.3 | 132.4 | 1512 | 284.4 | 1.4 | -2.6* | 832.6 | 70.4 | 24.0 | 17.4 | 16.2 | 16.2 | 22.7 |
| 18:26:00 | 20 53.4 | -48 5.7 | -113.2 | 68.4 | 132.3 | 1496 | 284.6 | 1.4 | -2.8* | 836.6 | 70.4 | 23.9 | 17.1 | 18.6 | 18.6 | 22.8 |
| 18:26:01 | 20 48.1 | -48 5.2 | -112.3 | 68.8 | 131.7 | 1515 | 16.2 | -10.8 | -15.9 | 71.3 | 77.3 | -0.0 | -6.2 | 47.0 | 47.0 | 93.8 |
| 18:26:00 | 20 48.1 | -48 5.2 | 305.8 | 347.9 | 1587 | 1505 | 19.6 | -5.7 | -1.0 | 66.8 | 74.0 | -0.5 | 206.1 | 181.1 | 40.4 | 117.2 |
| 18:26:30 | 20 49.0 | -48 9.8 | -120.6 | 64.1 | 136.6 | 1515 | 281.6 | -0.3* | 1.9 | 831.4 | 78.0 | 25.0 | 17.7 | 17.0 | 17.0 | 21.1 |
| 18:26:30 | 20 54.5 | -48 7.7 | -121.0 | 63.2 | 136.5 | 1500 | 281.8 | -0.3* | 1.8 | 835.9 | 78.0 | 24.7 | 17.3 | 19.4 | 19.4 | 21.2 |
| 18:26:31 | 20 49.2 | -48 7.3 | -120.3 | 63.7 | 136.1 | 1519 | 17.2 | -22.8 | -22.1 | 79.1 | 84.6 | -0.0 | -6.9 | 47.0 | 47.0 | 97.2 |
| 18:26:30 | 20 49.2 | -48 7.2 | 306.1 | 350.7 | 1593 | 1510 | 18.8 | -6.9 | -1.6 | 72.8 | 82.5 | -0.3 | 216.7 | 180.5 | 39.8 | 123.4 |
| 18:27:00 | 20 50.2 | -48 11.8 | -117.1 | 74.0 | 138.5 | 1522 | 284.5 | 1.2 | -2.3* | 830.4 | 76.7 | 24.4 | 17.2 | 16.4 | 16.4 | 18.7 |
| 18:27:00 | 20 55.7 | -48 9.7 | -117.5 | 73.1 | 138.4 | 1506 | 284.7 | 1.2 | -2.4* | 834.8 | 76.7 | 24.2 | 16.9 | 18.8 | 18.8 | 18.7 |
| 18:27:01 | 20 50.4 | -48 9.3 | -116.8 | 73.4 | 138.0 | 1522 | 16.4 | -7.7 | -15.4 | 78.1 | 84.7 | -0.0 | -6.8 | 47.0 | 47.0 | 96.3 |
| 18:27:00 | 20 50.3 | -48 9.2 | 305.7 | 348.3 | 1604 | 1515 | 18.3 | -5.6 | -1.4 | 71.3 | 81.0 | -0.4 | 215.0 | 181.8 | 43.6 | 122.3 |
| 18:27:30 | 20 51.3 | -48 13.8 | -116.5 | 68.8 | 135.3 | 1554 | 281.0 | 1.3 | 1.4 | 826.5 | 74.5 | 24.5 | 17.5 | 16.0 | 16.0 | 17.9 |
| 18:27:30 | 20 56.8 | -48 11.8 | -116.9 | 68.0 | 135.2 | 1538 | 281.3 | 1.3 | 1.3 | 830.9 | 74.5 | 24.4 | 17.2 | 18.5 | 18.5 | 18.0 |
| 18:27:31 | 20 51.5 | -48 11.3 | -116.2 | 68.3 | 134.8 | 1556 | 16.3 | -9.5 | -17.2 | 75.8 | 82.9 | -0.0 | -6.6 | 47.0 | 47.0 | 92.4 |
| 18:27:30 | 20 51.5 | -48 11.2 | 306.4 | 348.4 | 1642 | 1547 | 22.2 | -1.4 | 0.5 | 72.0 | 78.5 | -0.5 | 212.0 | 182.7 | 45.2 | 120.9 |
| 18:28:00 | 20 52.4 | -48 15.8 | -117.5 | 68.5 | 136.0 | 1507 | 281.6* | 2.1 | 3.2 | 830.2 | 74.0 | 25.2 | 18.2 | 15.7 | 15.7 | 17.2 |
| 18:28:00 | 20 57.9 | -48 13.8 | -118.0 | 67.6 | 136.0 | 1493 | 281.7* | 2.1 | 3.1 | 834.5 | 74.0 | 25.0 | 17.9 | 18.3 | 18.3 | 17.2 |
| 18:28:01 | 20 52.6 | -48 13.3 | -117.4 | 67.9 | 135.6 | 1509 | 16.8 | -4.4 | -14.8 | 74.1 | 81.5 | -0.0 | -6.5 | 47.0 | 47.0 | 86.2 |
| 18:28:00 | 20 52.6 | -48 13.3 | 306.8 | 347.8 | 1608 | 1500 | 19.9 | -11.3 | -2.3 | 70.4 | 78.1 | -0.5 | 211.2 | 180.8 | 45.7 | 120.4 |
| 18:28:30 | 20 53.6 | -48 17.9 | -117.8 | 69.2 | 136.6 | 1508 | 280.9 | 1.4 | -0.1* | 829.1 | 74.0 | 24.4 | 17.4 | 15.7 | 15.7 | 16.2 |
| 18:28:30 | 20 59.0 | -48 15.9 | -118.3 | 68.4 | 136.6 | 1493 | 281.1 | 1.4 | -0.3* | 833.4 | 74.0 | 24.2 | 17.1 | 18.3 | 18.3 | 16.2 |
| 18:28:31 | 20 53.7 | -48 15.3 | -117.7 | 68.7 | 136.3 | 1512 | 16.4 | -7.3 | -15.2 | 74.8 | 81.9 | -0.0 | -6.5 | 47.0 | 47.0 | 90.7 |
| 18:28:30 | 20 53.7 | -48 15.3 | 306.1 | 347.1 | 1618 | 1502 | 20.7 | -5.8 | -1.1 | 69.6 | 77.9 | -0.5 | 211.3 | 180.5 | 46.7 | 120.3 |
| 18:29:00 | 20 54.5 | -48 19.9 | -121.8 | 52.4 | 132.6 | 1492 | 272.1* | 0.3 | 2.9* | 829.4 | 77.9 | 24.8 | 17.5 | 15.8 | 15.8 | -37.3 |
| 18:29:00 | 20 60.0 | -48 17.9 | -122.3 | 51.5 | 132.7 | 1475 | 272.3* | 0.3 | 2.9* | 834.0 | 77.9 | 24.6 | 17.2 | 18.3 | 18.3 | -37.6 |
| 18:29:01 | 20 54.7 | -48 17.4 | -121.8 | 51.7 | 132.3 | 1491 | 16.4 | -9.7 | -16.9 | 79.5 | 85.2 | -0.0 | -6.9 | 47.0 | 47.0 | 91.2 |
| 18:29:00 | 20 54.7 | -48 17.4 | 306.1 | 347.4 | 1612 | 1486 | 20.2 | 2.6 | 0.9 | 72.6 | 82.8 | -0.5 | 216.6 | 181.7 | 46.7 | 123.3 |
| 18:29:30 | 20 55.4 | -48 22.0 | -118.7 | 51.3 | 129.3 | 1475 | 271.6 | 2.5 | 0.7* | 830.0 | 73.7 | 24.5 | 17.6 | 16.5 | 16.5 | -37.3 |
| 18:29:30 | 21 0.8 | -48 20.0 | -119.2 | 50.4 | 129.4 | 1459 | 271.8 | 2.5 | 0.6* | 834.2 | 73.7 | 24.3 | 17.2 | 19.0 | 19.0 | -37.6 |
| 18:29:31 | 20 55.6 | -48 19.5 | -118.8 | 50.5 | 129.1 | 1476 | 16.5 | -4.1 | -15.5 | 74.4 | 81.6 | -0.0 | -6.5 | 47.0 | 47.0 | 94.9 |
| 18:29:30 | 20 55.6 | -48 19.5 | 306.2 | 349.4 | 1610 | 1468 | 18.8 | -10.8 | -2.5 | 70.1 | 77.7 | -0.5 | 210.8 | 181.6 | 49.2 | 120.1 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:30:00 | 20 56.2 | -48 24.1 | -119.5 | 46.5 | 128.2 | 1504 | 269.2* | 0.9 | -1.2 | 826.0 | 72.3 | 24.1 | 17.3 | 16.5 | 16.5 | -37.3 |
| 18:30:00 | 21 1.6 | -48 22.1 | -120.0 | 45.7 | 128.4 | 1490 | 269.3* | 0.9 | -1.2 | 829.8 | 72.3 | 23.4 | 16.4 | 18.9 | 18.9 | -37.6 |
| 18:30:01 | 20 56.4 | -48 21.6 | -119.7 | 45.8 | 128.1 | 1508 | 16.5 | -7.1 | -16.7 | 73.1 | 80.7 | -0.0 | -6.4 | 47.0 | 47.0 | 96.6 |
| 18:30:00 | 20 56.4 | -48 21.5 | 306.3 | 349.7 | 1653 | 1500 | 18.9 | -9.4 | -2.0 | 70.5 | 75.7 | -0.4 | 208.9 | 179.6 | 49.2 | 119.2 |
| 18:30:30 | 20 57.0 | -48 26.2 | -120.8 | 45.3 | 129.1 | 1491 | 268.4 | 1.9* | 0.2* | 826.0 | 68.7 | 25.1 | 18.6 | 16.0 | 16.0 | -34.4 |
| 18:30:30 | 21 2.4 | -48 24.2 | -121.4 | 44.5 | 129.3 | 1473 | 268.6 | 1.8* | 0.0* | 829.7 | 68.7 | 22.8

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:35:00 | 21 0.3 | -48 44.6 | -120.5 | -21.9 | 122.4 | 1524 | 254.3* | 1.3 | -6.4* | 815.0 | 73.3 | 26.2 | 20.1 | 18.9 | 18.9 | -22.7 |
| 18:35:00 | 21 5.6 | -48 42.7 | -121.0 | -22.5 | 123.1 | 1506 | 254.5* | 1.3 | -6.5* | 819.1 | 73.3 | 26.9 | 19.6 | 21.6 | 21.6 | -37.5 |
| 18:35:01 | 21 0.3 | -48 42.2 | -121.5 | -22.9 | 123.6 | 1526 | 18.6 | -6.3 | -12.5 | 72.8 | 80.9 | -0.0 | -6.6 | 47.0 | 47.0 | 93.9 |
| 18:35:00 | 21 0.3 | -48 42.2 | 310.4 | 362.5 | 1758 | 1518 | 21.4 | -15.0 | -5.2 | 71.2 | 77.1 | -0.5 | 210.2 | 162.3 | 13.6 | 121.4 |
| 18:35:30 | 20 59.7 | -48 46.6 | -113.7 | -40.8 | 120.8 | 1518 | 245.0 | 1.5 | -0.3 | 814.9 | 75.4 | 27.4 | 20.2 | 18.4 | 18.4 | -22.8 |
| 18:35:30 | 21 5.0 | -48 44.7 | -114.2 | -41.4 | 121.5 | 1501 | 245.3 | 1.5 | -0.4 | 819.3 | 75.5 | 27.2 | 19.7 | 21.3 | 21.3 | -37.6 |
| 18:35:31 | 20 59.7 | -48 44.2 | -114.8 | -42.1 | 122.2 | 1520 | 18.7 | -8.6 | -12.6 | 75.6 | 82.4 | -0.0 | -6.8 | 47.0 | 47.0 | 90.5 |
| 18:35:30 | 20 59.7 | -48 44.2 | 310.5 | 361.0 | 1757 | 1514 | 22.0 | -6.6 | -2.3 | 73.0 | 79.6 | -0.5 | 213.3 | 168.7 | 11.8 | 123.2 |
| 18:36:00 | 20 59.0 | -48 48.6 | -112.3 | -42.9 | 120.3 | 1512 | 244.5 | 1.7 | 0.1 | 815.2 | 74.3 | 27.7 | 20.5 | 17.7 | 17.7 | -22.4 |
| 18:36:00 | 21 4.3 | -48 46.7 | -112.8 | -43.5 | 120.9 | 1495 | 244.7 | 1.8 | -0.0 | 819.4 | 74.4 | 27.5 | 20.2 | 20.8 | 20.8 | -37.6 |
| 18:36:01 | 20 59.0 | -48 46.2 | -113.4 | -44.2 | 121.7 | 1515 | 19.1 | -6.5 | -12.4 | 74.6 | 81.7 | -0.0 | -6.7 | 47.0 | 47.0 | 84.6 |
| 18:36:00 | 20 59.0 | -48 46.2 | 310.8 | 359.1 | 1755 | 1508 | 25.5 | -7.9 | -1.0 | 72.0 | 78.4 | -0.5 | 211.8 | 167.6 | 10.6 | 122.3 |
| 18:36:30 | 20 58.3 | -48 50.5 | -111.1 | -42.6 | 119.0 | 1510 | 245.5 | 2.0 | 1.4* | 815.1 | 70.5 | 27.8 | 21.0 | 18.4 | 18.4 | -23.2 |
| 18:36:30 | 21 3.6 | -48 48.7 | -111.6 | -43.1 | 119.7 | 1495 | 245.7 | 1.9 | 1.3* | 819.2 | 70.5 | 27.5 | 20.5 | 21.3 | 21.3 | -37.6 |
| 18:36:31 | 20 58.3 | -48 48.1 | -112.3 | -43.8 | 120.6 | 1513 | 19.4 | -3.0 | -11.5 | 70.7 | 78.8 | -0.0 | -6.3 | 47.0 | 47.0 | 86.3 |
| 18:36:30 | 20 58.3 | -48 48.1 | 311.3 | 362.2 | 1757 | 1507 | 25.4 | -8.7 | -2.2 | 69.0 | 74.3 | -0.5 | 206.3 | 159.1 | 8.3 | 119.3 |
| 18:37:00 | 20 57.7 | -48 52.4 | -111.8 | -39.6 | 118.6 | 1508 | 247.6 | 2.1 | 0.1 | 815.3 | 70.1 | 27.3 | 20.5 | 18.7 | 18.7 | -22.9 |
| 18:37:00 | 21 2.9 | -48 50.6 | -112.3 | -40.1 | 119.3 | 1491 | 247.9 | 2.2 | -0.0 | 819.4 | 70.1 | 27.1 | 20.2 | 21.5 | 21.5 | -37.6 |
| 18:37:01 | 20 57.6 | -48 50.1 | -113.0 | -40.9 | 120.2 | 1507 | 19.1 | -2.7 | -11.7 | 70.5 | 78.2 | -0.0 | -6.3 | 47.0 | 47.0 | 90.3 |
| 18:37:00 | 20 57.6 | -48 50.1 | 310.8 | 362.4 | 1756 | 1502 | 21.1 | -6.5 | -1.5 | 67.8 | 73.8 | -0.5 | 205.7 | 161.0 | 6.4 | 118.9 |
| 18:37:30 | 20 57.0 | -48 54.4 | -111.0 | -49.6 | 121.5 | 1512 | 245.3* | 1.9 | -13.1* | 815.2 | 73.4 | 28.3 | 21.2 | 18.6 | 18.6 | -22.8 |
| 18:37:30 | 21 2.2 | -48 52.5 | -111.4 | -50.0 | 122.1 | 1496 | 245.6* | 1.8 | -13.2* | 819.1 | 73.4 | 28.0 | 20.8 | 21.1 | 21.1 | -37.6 |
| 18:37:31 | 20 56.9 | -48 52.1 | -112.3 | -50.7 | 123.2 | 1509 | 19.6 | -5.0 | -11.5 | 73.3 | 81.1 | -0.0 | -6.6 | 47.0 | 47.0 | 85.6 |
| 18:37:30 | 20 56.9 | -48 52.0 | 311.6 | 363.0 | 1758 | 1505 | 21.9 | -14.0 | -4.9 | 70.5 | 77.1 | -0.5 | 210.4 | 158.7 | 3.0 | 121.8 |
| 18:38:00 | 20 55.8 | -48 56.1 | -92.4 | -81.7 | 123.3 | 1511 | 229.6 | 1.7 | 0.5* | 814.8 | 75.6 | 29.0 | 21.7 | 18.1 | 18.1 | -23.0 |
| 18:38:00 | 21 1.1 | -48 54.3 | -92.8 | -82.0 | 123.9 | 1494 | 229.8 | 1.8 | 0.4* | 819.2 | 75.7 | 28.7 | 21.2 | 20.5 | 20.5 | -37.5 |
| 18:38:01 | 20 55.7 | -48 53.8 | -93.8 | -83.0 | 125.2 | 1506 | 20.0 | -8.5 | -12.3 | 76.1 | 83.0 | -0.0 | -6.8 | 47.0 | 47.0 | 80.9 |
| 18:38:00 | 20 55.7 | -48 53.8 | 312.0 | 361.9 | 1757 | 1505 | 23.4 | -6.9 | -2.2 | 73.2 | 79.8 | -0.5 | 213.5 | 310.6 | 1.8 | 123.6 |
| 18:38:30 | 20 54.5 | -48 57.7 | -93.2 | -83.8 | 125.3 | 1513 | 230.2 | 1.3 | -1.2 | 814.6 | 77.1 | 28.8 | 21.4 | 18.5 | 18.5 | -22.4 |
| 18:38:30 | 20 59.7 | -48 55.9 | -93.6 | -84.1 | 125.9 | 1496 | 230.4 | 1.3 | -1.4 | 819.0 | 77.1 | 28.5 | 20.9 | 20.9 | 20.9 | -37.6 |
| 18:38:31 | 20 54.3 | -48 55.4 | -94.6 | -85.1 | 127.3 | 1512 | 19.9 | -9.7 | -12.8 | 77.6 | 84.1 | -0.0 | -6.9 | 47.0 | 47.0 | 84.9 |
| 18:38:30 | 20 54.4 | -48 55.4 | 311.7 | 363.0 | 1759 | 1508 | 23.7 | -5.4 | -1.7 | 74.4 | 81.1 | -0.5 | 215.5 | 327.2 | 4.5 | 124.7 |
| 18:39:00 | 20 53.1 | -48 59.3 | -95.1 | -82.6 | 126.0 | 1513 | 233.1 | 1.3 | 0.3* | 814.7 | 77.4 | 28.0 | 20.5 | 18.9 | 18.9 | -23.1 |
| 18:39:00 | 20 58.4 | -48 57.5 | -95.5 | -83.0 | 126.5 | 1496 | 233.3 | 1.3 | 0.2* | 819.2 | 77.4 | 27.7 | 20.1 | 21.3 | 21.3 | -37.6 |
| 18:39:01 | 20 53.0 | -48 57.1 | -96.5 | -84.0 | 128.0 | 1513 | 19.2 | -10.0 | -13.0 | 78.0 | 84.3 | -0.0 | -6.9 | 47.0 | 47.0 | 91.4 |
| 18:39:00 | 20 53.0 | -48 57.1 | 310.9 | 363.1 | 1757 | 1508 | 21.2 | -4.8 | -3.6 | 74.7 | 81.7 | -0.5 | 215.9 | 328.9 | 8.9 | 124.8 |
| 18:39:30 | 20 51.8 | -49 1.0 | -95.8 | -81.9 | 126.0 | 1518 | 234.7 | 1.2 | 2.7* | 814.5 | 76.9 | 27.5 | 20.1 | 18.6 | 18.6 | -23.0 |
| 18:39:30 | 20 57.0 | -48 59.2 | -96.2 | -82.2 | 126.5 | 1503 | 235.0 | 1.2 | 2.5* | 819.1 | 77.0 | 27.2 | 19.7 | 21.1 | 21.1 | -37.6 |
| 18:39:31 | 20 51.6 | -48 58.8 | -97.3 | -83.3 | 128.1 | 1519 | 18.8 | -11.0 | -16.2 | 77.8 | 84.3 | -0.0 | -6.9 | 47.0 | 47.0 | 92.2 |
| 18:39:30 | 20 51.6 | -48 58.7 | 310.4 | 361.5 | 1758 | 1514 | 20.3 | -4.6 | 0.3 | 74.9 | 81.1 | -0.4 | 215.3 | 330.8 | 11.4 | 124.3 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:40:00 | 20 50.5 | -49 2.6 | -94.1 | -81.0 | 124.2 | 1523 | 236.8 | 1.7 | 1.7 | 814.7 | 77.9 | 28.9 | 21.4 | 17.9 | 17.9 | -23.7 |
| 18:40:00 | 20 55.7 | -49 0.8 | -94.5 | -81.3 | 124.6 | 1506 | 237.0 | 1.8 | 1.6 | 819.3 | 77.9 | 28.6 | 20.9 | 20.3 | 20.3 | -37.6 |
| 18:40:01 | 20 50.2 | -49 0.4 | -95.6 | -82.4 | 126.2 | 1525 | 19.9 | -11.2 | -16.1 | 78.4 | 84.7 | -0.0 | -7.0 | 47.0 | 47.0 | 81.2 |
| 18:40:00 | 20 50.3 | -49 0.4 | 311.7 | 360.9 | 1756 | 1519 | 23.5 | -6.0 | -0.4 | 75.7 | 82.3 | -0.5 | 216.6 | 319.1 | 16.1 | 125.3 |
| 18:40:30 | 20 49.2 | -49 4.2 | -93.5 | -76.8 | 121.0 | 1531 | 238.6 | 1.5 | -0.5 | 814.9 | 76.6 | 27.9 | 20.6 | 17.9 | 17.9 | -22.9 |
| 18:40:30 | 20 54.4 | -49 2.5 | -93.9 | -77.0 | 121.4 | 1514 | 238.8 | 1.4 | -0.6 | 819.2 | 76.7 | 27.7 | 20.1 | 20.1 | 20.1 | -37.6 |
| 18:40:31 | 20 49.0 | -49 2.1 | -95.1 | -78.2 | 123.1 | 1528 | 19.3 | -8.1 | -14.2 | 77.0 | 83.9 | -0.0 | -6.9 | 47.0 | 47.0 | 85.9 |
| 18:40:30 | 20 49.0 | -49 2.1 | 310.9 | 360.1 | 1757 | 1526 | 21.9 | -8.0 | -1.1 | 73.7 | 80.8 | -0.5 | 214.9 | 313.5 | 16.7 | 124.2 |
| 18:41:00 | 20 48.0 | -49 5.8 | -89.8 | -76.3 | 117.8 | 1538 | 238.6 | 1.8 | -1.8* | 815.0 | 75.6 | 28.1 | 20.8 | 17.2 | 17.2 | -22.9 |
| 18:41:00 | 20 53.2 | -49 4.1 | -90.1 | -76.5 | 118.2 | 1522 | 238.8 | 1.8 | -1.8* | 819.3 | 75.7 | 27.9 | 20.4 | 19.2 | 19.2 | -37.6 |
| 18:41:01 | 20 47.7 | -49 3.7 | -91.4 | -77.7 | 119.9 | 1541 | 19.4 | -8.5 | -14.0 | 75.9 | 83.1 | -0.0 | -6.8 | 47.0 | 47.0 | 80.7 |
| 18:41:00 | 20 47.7 | -49 3.7 | 311.2 | 358.3 | 1756 | 1534 | 25.1 | -8.9 | -3.3 | 72.8 | 79.7 | -0.5 | 213.6 | 306.6 | 18.7 | 123.4 |
| 18:41:30 | 20 46.7 | -49 7.3 | -86.1 | -77.1 | 115.6 | 1546 | 243.3* | 1.9 | -2.0* | 815.0 | 75.7 | 29.2 | 21.9 | 16.8 | 16.8 | -22.8 |
| 18:41:30 | 20 52.0 | -49 5.6 | -86.5 | -77.2 | 115.9 | 1533 | 243.6* | 1.9 | -2.2* | 819.3 | 75.7 | 29.0 | 21.5 | 18.7 | 18.7 | -37.6 |
| 18:41:31 | 20 46.4 | -49 5.2 | -87.8 | -78.5 | 117.8 | 1550 | 20.3 | -4.8 | -12.0 | 75.7 | 83.5 | -0.0 | -6.8 | 47.0 | 47.0 | 73.4 |
| 18:41:30 | 20 46.5 | -49 5.2 | 312.3 | 358.3 | 1757 | 1543 | 23.0 | -12.7 | -4.1 | 73.4 | 80.3 | -0.5 | 213.6 | 310.5 | 31.1 | 123.7 |
| 18:42:00 | 20 45.5 | -49 8.8 | -82.9 | -73.5 | 110.8 | 1560 | 245.6* | 2.0 | -2.3* | 814.9 | 76.1 | 27.3 | 20.0 | 16.9 | 16.9 | -22.8 |
| 18:42:00 | 20 50.7 | -49 7.1 | -83.3 | -73.5 | 111.1 | 1545 | 245.8* | 2.0 | -2.5* | 819.2 | 76.1 | 27.1 | 19.6 | 19.2 | 19.2 | -37.6 |
| 18:42:01 | 20 45.2 | -49 6.7 | -84.7 | -74.8 | 113.0 | 1561 | 18.4 | -7.9 | -14.0 | 76.0 | 83.7 | -0.0 | -6.8 | 47.0 | 47.0 | 83.0 |
| 18:42:00 | 20 45.2 | -49 6.7 | 310.3 | 356.2 | 1757 | 1554 | 19.8 | -12.5 | -4.2 | 74.3 | 80.4 | -0.5 | 214.2 | 306.0 | 35.8 | 123.6 |
| 18:42:30 | 20 44.3 | -49 10.2 | -81.2 | -73.9 | 109.8 | 1575 | 245.0 | 0.1 | -1.5* | 815.1 | 70.9 | 25.6 | 18.8 | 17.0 | 17.0 | -22.7 |
| 18:42:30 | 20 49.5 | -49 8.4 | -81.5 | -73.9 | 110.0 | 1560 | 245.2 | 0.1 | -1.6* | 819.1 | 71.0 | 25.4 | 18.4 | 19.4 | 19.4 | -37.6 |
| 18:42:31 | 20 44.0 | -49 8.1 | -82.9 | -75.2 | 112.0 | 1575 | 17.6 | -9.2 | -14.2 | 71.9 | 78.5 | -0.0 | -6.4 | 47.0 | 47.0 | 90.2 |
| 18:42:30 | 20 44.0 | -49 8.1 | 309.0 | 354.9 | 1758 | 1571 | 20.0 | -2.4 | 0.5 | 68.3 | 75.2 | -0.5 | 207.0 | 311.3 | 36.0 | 119.2 |
| 18:43:00 | 20 43.1 | -49 11.6 | -83.9 | -71.2 | 110.1 | 1531 | 246.6 | 1.9 | -1.6* | 820.8 | 72.7 | 26.1 | 19.2 | 17.1 | 17.1 | -23.2 |
| 18:43:00 | 20 48.4 | -49 9.9 | -84.3 | -71.2 | 110.3 | 1517 | 246.8 | 2.0 | -1.6* | 824.9 | 72.7 | 25.9 | 18.8 | 19.5 | 19.5 | -37.6 |
| 18:43:01 | 20 42.8 | -49 9.6 | -85.7 | -72.6 | 112.3 | 1531 | 17.9 | -4.9 | -14.3 | 73.1 | 79.5 | -0.0 | -6.5 | 47.0 | 47.0 | 88.7 |
| 18:43:00 | 20 42.8 | -49 9.6 | 308.8 | 354.8 | 1701 | 1525 | 20.3 | -6.9 | -1.0 | 71.1 | 76.6 | -0.5 | 209.4 | 311.1 | 34.8 | 120.3 |
| 18:43:30 | 20 42.0 | -49 13.1 | -82.6 | -73.9 | 110.8 | 1542 | 245.1 | 2.2 | -0.7* | 821.2 | 71.4 | 26.8 | 19.9 | 16.5 | 16.5 | -22.4 |
| 18:43:30 | 20 47.2 | -49 11.4 | -82.9 | -73.8 | 111.0 | 1527 | 245.4 | 2.2 | -0.8* | 825.2 | 71.4 | 26.5 | 19.5 | 18.9 | 18.9 | -37.5 |
| 18:43:31 | 20 41.6 | -49 11.1 | -84.4 | -75.3 | 113.1 | 1542 | 18.5 | -5.0 | -12.2 | 72.0 | 78.1 | -0.0 | -6.4 | 47.0 | 47.0 | 81.3 |
| 18:43:30 | 20 41.6 | -49 11.1 | 309.6 | 353.8 | 1698 | 1535 | 20.9 | -6.5 | -0.4 | 68.8 | 75.7 | -0.5 | 207.6 | 312.4 | 34.4 | 119.4 |
| 18:44:00 | 20 40.8 | -49 14.5 | -83.8 | -72.9 | 111.1 | 1559 | 244.3* | 1.5 | 0.1* | 820.5 | 75.7 | 26.8 | 19.6 | 16.7 | 16.7 | -22.6 |
| 18:44:00 | 20 46.0 | -49 12.8 | -84.1 | -72.9 | 111.3 | 1545 | 244.4 | 1.5 | 0.0* | 824.8 | 75.7 | 26.5 | 19.1 | 19.0 | 19.0 | -37.5 |
| 18:44:01 | 20 40.4 | -49 12.6 | -85.5 | -74.5 | 113.4 | 1560 | 18.2 | -8.9 | -13.4 | 75.5 | 82.5 | -0.0 | -6.7 | 47.0 | 47.0 | 84.5 |
| 18:44:00 | 20 40.4 | -49 12.6 | 309.2 | 354.1 | 1702 | 1554 | 21.2 | -14.8 | -2.3 | 72.8 | 79.6 | -0.5 | 213.6 | 304.6 | 31.4 | 122.7 |
| 18:44:30 | 20 39.6 | -49 16.0 | -85.6 | -71.4 | 111.5 | 1567 | 244.6 | 1.5 | -1.3 | 820.8 | 74.9 | 25.9 | 18.8 | 17.1 | 17.1 | -22.7 |
| 18:44:30 | 20 44.9 | -49 14.3 | -85.9 | -71.3 | 111.6 | 1552 | 244.8 | 1.5 | -1.4 | 825.1 | 74.9 | 25.7 | 18.4 | 19.4 | 19.4 | -37.6 |
| 18:44:31 | 20 39.2 | -49 14.1 | -87.5 | -72.8 | 113.8 | 1567 | 17.5 | -6.6 | -14.1 | 75.3 | 82.0 | -0.0 | -6.7 | 47.0 | 47.0 | 91.1 |
| 18:44:30 | 20 39.2 | -49 14.1 | 308.4 | 354.2 | 1699 | 1561 | 20.1 | -9.8 | -1.5 | 72.8 | 78.3 | -0.5 | 212.5 | 306.9 | 30.2 | 122.0 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:45:00 | 20 38.5 | -49 17.5 | -85.1 | -68.9 | 109.5 | 1542 | 245.6* | 0.9 | 4.0* | 824.1 | 76.7 | 26.1 | 18.8 | 16.9 | 16.9 | -21.9 |
| 18:45:00 | 20 43.7 | -49 15.8 | -85.4 | -68.8 | 109.6 | 1525 | 245.8* | 1.0 | 3.9* | 828.5 | 76.8 | 26.0 | 18.5 | 19.4 | 19.4 | -37.6 |
| 18:45:01 | 20 38.0 | -49 15.6 | -86.9 | -70.4 | 111.8 | 1541 | 17.8 | -7.4 | -15.5 | 76.7 | 83.7 | -0.0 | -6.8 | 47.0 | 47.0 | 89.8 |
| 18:45:00 | 20 38.0 | -49 15.6 | 308.1 | 353.1 | 1666 | 1536 | 20.1 | -12.0 | -2.1 | 75.0 | 80.9 | -0.5 | 215.1 | 302.2 | 31.3 | 123.2 |
| 18:45:30 | 20 37.3 | -49 18.9 | -85.3 | -71.1 | 111.1 | 1520 | 245.5 | 1.2 | 1.2 | 827.2 | 73.7 | 25.5 | 18.6 | 17.2 | 17.2 | -23.0 |
| 18:45:30 | 20 42.6 | -49 17.2 | -85.6 | -70.9 | 111.2 | 1503 | 245.8 | 1.2 | 1.1 | 831.5 | 73.8 | 25.4 | 18.3 | 19.7 | 19.7 | -37.6 |
| 18:45:31 | 20 36.9 | -49 17.1 | -87.2 | -72.6 | 113.5 | 1518 | 17.7 | -9.3 | -14.2 | 74.3 | 80.8 | -0.0 | -6.5 | 47.0 | 47.0 | 92.9 |
| 18:45:30 | 20 36.9 | -49 17.0 | 307.5 | 353.0 | 1636 | 1513 | 19.8 | -10.4 | -2.0 | 71.8 | 77.6 | -0.5 | 210.9 | 310.1 | 31.2 | 120.5 |
| 18:46:00 | 20 36.1 | -49 20.4 | -89.0 | -77.5 | 118.0 | 1529 | 244.2 | -0.5* | 4.0 | 827.1 | 72.9 | 25.0 | 18.2 | 17.4 | 17.4 | -23.0 |
| 18:46:00 | 20 41.4 | -49 18.7 | -89.2 | -77.3 | 118.0 | 1512 | 244.4 | -0.4* | 3.9 | 831.5 | 72.9 | 25.0 | 17.9 | 19.8 | 19.8 | -37.6 |
| 18:46:01 | 20 35.6 | -49 18.6 | -90.9 | -79.1 | 120.5 | 1528 | 17.4 | -16.8 | -17.9 | 73.8 | 79.9 | -0.0 | -6.5 | 47.0 | 47.0 | 96.8 |
| 18:46:00 | 20 35.6 | -49 18.6 | 307.0 | 353.1 | 1637 | 1523 | 19.0 | -11.3 | -2.2 | 70.9 | 76.9 | -0.4 | 209.7 | 322.9 | 30.3 | 119.8 |
| 18:46:30 | 20 34.9 | -49 22.0 | -89.1 | -75.8 | 117.0 | 1550 | 244.3* | 0.4 | 0.5* | 826.0 | 74.9 | 24.4 | 17.4 | 17.2 | 17.2 | -23.0 |
| 18:46:30 | 20 40.1 | -49 20.3 | -89.3 | -75.5 | 117.0 | 1534 | 244.5* | 0.3 | 0.4* | 830.3 | 75.0 | 23.5 | 16.3 | 19.7 | 19.7 | -37.6 |
| 18:46:31 | 20 34.3 | -49 20.2 | -91.1 | -77.2 | 119.4 | 1548 | 17.3 | -8.8 | -16.6 | 76.4 | 82.2 | -0.0 | -6.6 | 47.0 | 47.0 | 100.8 |
| 18:46:30 | 20 34.4 | -49 20.2 | 306.3 | 351.8 | 1648 | 1545 | 18.8 | -2.7 | 0.4 | 73.0 | 79.2 | -0.3 | 212.6 | 319.0 | 30.9 | 121.3 |
| 18:47:00 | 20 33.6 | -49 23.5 | -88.2 | -76.9 | 117.1 | 1554 | 243.5 | 0.8 | 0.7* | 826.5 | 76.1 | 24.9 | 17.8 | 17.1 | 17.1 | -22.7 |
| 18:47:00 | 20 38.9 | -49 21.8 | -88.4 | -76.6 | 117.0 | 1537 | 243.7 | 0.9 | 0.7* | 830.8 | 76.1 | 24.9 | 17.5 | 19.5 | 19.5 | -37.6 |
| 18:47:01 | 20 33.1 | -49 21.7 | -90.2 | -78.3 | 119.5 | 1552 | 17.1 | -15.0 | -17.3 | 77.2 | 82.8 | -0.0 | -6.7 | 47.0 | 47.0 | 97.3 |
| 18:47:00 | 20 33.1 | -49 21.7 | 306.7 | 351.9 | 1643 | 1547 | 18.6 | -11.5 | -2.1 | 73.8 | 80.0 | -0.4 | 214.2 | 315.7 | 29.4 | 122.3 |
| 18:47:30 | 20 32.4 | -49 25.0 | -91.5 | -72.9 | 117.0 | 1542 | 245.6* | 1.6 | 1.5 | 827.9 | 80.4 | 25.2 | 17.7 | 17.2 | 17.2 | -23.1 |
| 18:47:30 | 20 37.6 | -49 23.4 | -91.7 | -72.6 | 116.9 | 1528 | 245.8* | 1.5 | 1.4 | 832.6 | 80.5 | 25.3 | 17.6 | 19.6 | 19.6 | -37.6 |
| 18:47:31 | 20 31.8 | -49 23.3 | -93.4 | -74.5 | 119.5 | 1544 | 17.2 | -11.9 | -15.1 | 81.5 | 87.5 | -0.0 | -7.1 | 47.0 | 47.0 | 98.1 |
| 18:47:30 | 20 31.8 | -49 23.3 | 306.4 | 351.6 | 1625 | 1535 | 18.7 | -10.0 | -1.6 | 76.9 | 85.3 | -0.4 | 220.0 | 312.1 | 30.0 | 125.5 |
| 18:48:00 | 20 31.3 | -49 26.6 | -84.0 | -69.4 | 109.0 | 1562 | 244.6 | 0.7 | -1.0 | 827.1 | 70.1 | 24.4 | 17.8 | 16.9 | 16.9 | -23.2 |
| 18:48:00 | 20 36.5 | -49 24.9 | -84.2 | -69.1 | 108.9 | 1547 | 244.7 | 0.7 | -1.1 | 831.1 | 70.2 | 24.4 | 17.6 | 19.4 | 19.4 | -37.6 |
| 18:48:01 | 20 30.7 | -49 24.9 | -86.0 | -70.8 | 111.3 | 1560 | 17.0 | -6.7 | -15.2 | 71.2 | 77.9 | -0.0 | -6.2 | 47.0 | 47.0 | 96.2 |
| 18:48:00 | 20 30.7 | -49 24.9 | 306.7 | 351.4 | 1641 | 1557 | 18.5 | -7.8 | -1.3 | 68.1 | 73.6 | -0.4 | 205.8 | 310.0 | 28.5 | 117.5 |
| 18:48:30 | 20 30.1 | -49 28.0 | -85.3 | -74.4 | 113.1 | 1567 | 242.1 | 1.5 | -1.9 | 827.0 | 75.0 | 25.2 | 18.1 | 16.6 | 16.6 | -23.6 |
| 18:48:30 | 20 35.4 | -49 26.4 | -85.4 | -73.9 | 113.0 | 1553 | 242.3 | 1.5 | -2.0 | 831.5 | 75.0 | 25.0 | 17.8 | 19.1 | 19.1 | -37.6 |
| 18:48:31 | 20 29.5 | -49 26.4 | -87.3 | -75.8 | 115.5 | 1566 | 16.8 | -14.4 | -16.1 | 76.0 | 81.4 | -0.0 | -6.6 | 47.0 | 47.0 | 92.5 |
| 18:48:30 | 20 29.5 | -49 26.4 | 307.0 | 350.8 | 1637 | 1561 | 19.3 | -4.9 | -0.3 | 72.4 | 79.2 | -0.5 | 212.6 | 308.6 | 28.0 | 121.4 |
| 18:49:00 | 20 28.8 | -49 29.5 | -66.4 | -108.0 | 126.8 | 1593 | 224.7* | 0.8* | -27.3 | 825.9 | 80.0 | 25.0 | 17.5 | 16.6 | 16.6 | -23.5 |
| 18:49:00 | 20 34.1 | -49 27.8 | -66.4 | -107.5 | 126.4 | 1576 | 224.9* | 0.9* | -27.4 | 829.9 | 80.1 | 25.0 | 17.3 | 19.2 | 19.2 | -37.6 |
| 18:49:01 | 20 28.2 | -49 27.9 | -68.3 | -109.6 | 129.1 | 1589 | 16.6 | -11.1 | -15.3 | 80.3 | 87.2 | -0.0 | -7.1 | 47.0 | 47.0 | 95.6 |
| 18:49:00 | 20 28.2 | -49 27.9 | 306.5 | 350.2 | 1652 | 1584 | 18.2 | -19.4 | -5.3 | 76.7 | 83.7 | -0.4 | 219.5 | 310.8 | 26.4 | 125.3 |
| 18:49:30 | 20 26.6 | -49 29.7 | 46.4 | -139.5 | 147.0 | 1593 | 168.6* | 0.9 | -20.3* | 826.0 | 78.1 | 25.2 | 17.8 | 16.5 | 16.5 | -23.0 |
| 18:49:30 | 20 31.9 | -49 28.0 | 46.4 | -138.7 | 146.3 | 1576 | 168.8* | 0.9 | -20.4* | 830.0 | 78.1 | 25.0 | 17.5 | 19.0 | 19.0 | -37.6 |
| 18:49:31 | 20 26.0 | -49 28.1 | 44.3 | -141.0 | 147.8 | 1590 | 16.6 | -4.4 | -13.3 | 78.5 | 85.0 | -0.0 | -6.9 | 47.0 | 47.0 | 93.0 |
| 18:49:30 | 20 26.0 | -49 28.1 | 306.9 | 350.2 | 1651 | 1586 | 19.8 | -8.2 | -1.2 | 75.2 | 81.6 | -0.5 | 216.8 | 310.1 | 28.2 | 123.9 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:50:00 | 20 24.9 | -49 27.9 | 141.6 | -60.8 | 154.1 | 1536 | 111.0* | 1.9 | -23.5 | 831.9 | 78.1 | 25.5 | 18.2 | 16.7 | 16.7 | -23.4 |
| 18:50:00 | 20 30.2 | -49 26.2 | 141.5 | -59.9 | 153.6 | 1518 | 111.2* | 1.9 | -23.6 | 835.8 | 78.1 | 25.4 | 17.9 | 19.3 | 19.3 | -37.6 |
| 18:50:01 | 20 24.2 | -49 26.4 | 139.8 | -62.4 | 153.1 | 1530 | 16.9 | -6.4 | -13.3 | 78.0 | 85.6 | -0.0 | -6.9 | 47.0 | 47.0 | 92.3 |
| 18:50:00 | 20 24.2 | -49 26.4 | 306.6 | 350.4 | 1594 | 1526 | 19.0 | -13.9 | -3.1 | 75.8 | 81.8 | -0.5 | 216.9 | 304.8 | 31.4 | 123.5 |
| 18:50:30 | 20 25.0 | -49 25.5 | 113.8 | 66.8 | 132.0 | 1513 | 45.8* | 1.9 | -13.5* | 833.5 | 71.3 | 24.9 | 18.2 | 16.6 | 16.6 | -22.6 |
| 18:50:30 | 20 30.3 | -49 23.9 | 113.5 | 67.8 | 132.2 | 1497 | 46.1* | 2.0 | -13.6* | 837.3 | 71.3 | 24.8

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:55:00 | 20 36.9 | -49 9.9 | 104.0 | 90.0 | 137.6 | 1487 | 35.6 | 0.9 | 2.9 | 828.2 | 72.7 | 25.7 | 18.9 | 17.2 | 17.2 | -23.0 |
| 18:55:00 | 20 42.4 | -49 8.2 | 103.9 | 91.2 | 138.3 | 1471 | 35.8 | 0.8 | 2.8 | 832.4 | 72.7 | 25.6 | 18.5 | 19.8 | 19.8 | -37.6 |
| 18:55:01 | 20 36.0 | -49 8.6 | 102.5 | 89.0 | 135.7 | 1487 | 17.6 | -6.8 | -13.5 | 73.3 | 79.1 | -0.0 | -6.4 | 47.0 | 47.0 | 91.5 |
| 18:55:00 | 20 36.0 | -49 8.6 | 307.7 | 353.3 | 1627 | 1480 | 19.9 | -7.9 | -1.1 | 70.4 | 76.8 | -0.5 | 209.4 | 282.6 | 35.9 | 119.7 |
| 18:55:30 | 20 38.4 | -49 8.1 | 73.5 | 105.9 | 128.9 | 1504 | 17.8* | 0.6 | -31.7* | 826.7 | 72.7 | 26.5 | 19.6 | 16.5 | 16.5 | -22.7 |
| 18:55:30 | 20 43.9 | -49 6.5 | 73.3 | 107.1 | 129.8 | 1488 | 17.9* | 0.7 | -31.8* | 830.1 | 72.7 | 26.2 | 19.1 | 19.3 | 19.3 | -37.6 |
| 18:55:31 | 20 37.5 | -49 6.9 | 71.9 | 105.0 | 127.2 | 1500 | 17.8 | -4.9 | -12.4 | 72.9 | 79.5 | -0.0 | -6.5 | 47.0 | 47.0 | 82.9 |
| 18:55:30 | 20 37.4 | -49 6.9 | 308.7 | 352.5 | 1650 | 1494 | 21.3 | -8.4 | -3.1 | 70.1 | 75.7 | -0.5 | 209.5 | 282.8 | 38.0 | 120.0 |
| 18:56:00 | 20 39.9 | -49 8.3 | -73.7 | 48.3 | 88.1 | 1510 | 296.7* | 1.5* | -25.7* | 824.9 | 72.8 | 26.9 | 20.0 | 15.7 | 15.7 | -23.6 |
| 18:56:00 | 20 45.4 | -49 6.7 | -73.7 | 49.1 | 88.5 | 1493 | 296.9* | 1.5* | -25.7* | 828.5 | 72.8 | 26.6 | 19.5 | 18.4 | 18.4 | -37.6 |
| 18:56:01 | 20 38.9 | -49 7.1 | -75.4 | 47.3 | 89.0 | 1514 | 17.9 | 1.6 | -10.2 | 73.3 | 80.5 | -0.0 | -6.5 | 47.0 | 47.0 | 77.3 |
| 18:56:00 | 20 38.9 | -49 7.1 | 309.3 | 351.2 | 1666 | 1501 | 20.3 | -3.2 | -1.2 | 70.3 | 75.9 | -0.5 | 209.6 | 281.5 | 33.9 | 120.2 |
| 18:56:30 | 20 39.6 | -49 9.7 | -76.5 | -63.5 | 99.4 | 1538 | 244.3* | 2.9 | -1.2* | 821.9 | 75.7 | 26.8 | 19.6 | 16.2 | 16.2 | -22.6 |
| 18:56:30 | 20 45.1 | -49 8.1 | -76.2 | -62.6 | 98.6 | 1523 | 244.5* | 2.9 | -1.3* | 826.3 | 75.8 | 26.5 | 19.1 | 18.7 | 18.7 | -37.6 |
| 18:56:31 | 20 38.6 | -49 8.5 | -78.1 | -64.5 | 101.3 | 1539 | 18.1 | -8.6 | -13.2 | 76.0 | 83.0 | -0.0 | -6.7 | 47.0 | 47.0 | 81.9 |
| 18:56:30 | 20 38.6 | -49 8.5 | 309.1 | 352.4 | 1687 | 1532 | 20.7 | -9.4 | -3.2 | 73.3 | 79.6 | -0.5 | 213.7 | 285.8 | 34.8 | 122.7 |
| 18:57:00 | 20 38.5 | -49 11.0 | -74.9 | -68.2 | 101.3 | 1586 | 242.1 | 0.4 | -0.4 | 818.2 | 78.8 | 26.3 | 18.8 | 16.4 | 16.4 | -22.3 |
| 18:57:00 | 20 44.0 | -49 9.4 | -74.6 | -67.3 | 100.4 | 1571 | 242.3 | 0.4 | -0.5 | 822.8 | 78.8 | 26.0 | 18.3 | 19.0 | 19.0 | -37.5 |
| 18:57:01 | 20 37.5 | -49 9.9 | -76.6 | -69.1 | 103.1 | 1589 | 17.4 | -12.9 | -15.5 | 79.3 | 86.1 | -0.0 | -7.0 | 47.0 | 47.0 | 87.5 |
| 18:57:00 | 20 37.5 | -49 9.8 | 308.6 | 352.7 | 1722 | 1581 | 21.4 | -4.9 | -1.4 | 76.2 | 83.1 | -0.5 | 217.8 | 285.1 | 36.9 | 125.1 |
| 18:57:30 | 20 37.4 | -49 12.3 | -71.6 | -60.6 | 93.8 | 1544 | 244.8 | 0.9 | 1.5* | 823.1 | 69.5 | 25.0 | 18.4 | 16.7 | 16.7 | -22.9 |
| 18:57:30 | 20 43.0 | -49 10.6 | -71.3 | -59.6 | 92.9 | 1529 | 245.1 | 0.9 | 1.3 | 827.2 | 69.5 | 24.7 | 18.0 | 19.2 | 19.2 | -37.6 |
| 18:57:31 | 20 36.4 | -49 11.2 | -73.0 | -61.6 | 95.6 | 1544 | 17.0 | -3.5 | -12.2 | 69.5 | 77.4 | -0.0 | -6.2 | 47.0 | 47.0 | 90.9 |
| 18:57:30 | 20 36.5 | -49 11.1 | 307.8 | 352.2 | 1679 | 1540 | 20.0 | -11.4 | -2.1 | 67.4 | 73.8 | -0.5 | 204.9 | 285.3 | 35.2 | 117.4 |
| 18:58:00 | 20 36.5 | -49 13.6 | -73.2 | -55.0 | 91.6 | 1511 | 247.8* | 1.5 | 3.0* | 827.1 | 68.2 | 25.2 | 18.7 | 16.5 | 16.5 | -23.6 |
| 18:58:00 | 20 42.0 | -49 11.9 | -72.9 | -54.0 | 90.7 | 1496 | 247.9* | 1.5 | 2.9* | 831.1 | 68.2 | 24.9 | 18.2 | 19.1 | 19.1 | -37.5 |
| 18:58:01 | 20 35.5 | -49 12.5 | -74.6 | -56.0 | 93.3 | 1507 | 17.4 | -4.4 | -12.6 | 68.8 | 75.6 | -0.0 | -6.1 | 47.0 | 47.0 | 88.0 |
| 18:58:00 | 20 35.5 | -49 12.4 | 307.6 | 351.1 | 1640 | 1506 | 19.5 | -6.6 | -1.0 | 65.9 | 72.1 | -0.5 | 203.0 | 287.2 | 35.6 | 116.1 |
| 18:58:30 | 20 35.5 | -49 14.9 | -77.2 | -56.6 | 95.7 | 1525 | 248.0 | 2.6 | -1.0* | 826.6 | 70.6 | 25.2 | 18.6 | 16.6 | 16.6 | -23.0 |
| 18:58:30 | 20 41.1 | -49 13.2 | -76.7 | -55.5 | 94.7 | 1510 | 248.2 | 2.6 | -1.1* | 830.7 | 70.6 | 25.0 | 18.2 | 19.0 | 19.0 | -37.5 |
| 18:58:31 | 20 34.5 | -49 13.8 | -78.6 | -57.5 | 97.3 | 1521 | 17.3 | -5.9 | -14.4 | 71.0 | 78.2 | -0.0 | -6.3 | 47.0 | 47.0 | 89.4 |
| 18:58:30 | 20 34.5 | -49 13.8 | 307.6 | 351.4 | 1645 | 1519 | 19.5 | -9.4 | -1.8 | 68.7 | 74.3 | -0.5 | 206.4 | 289.7 | 33.8 | 118.0 |
| 18:59:00 | 20 34.6 | -49 16.3 | -84.9 | -54.3 | 100.8 | 1526 | 250.0 | 2.0 | 1.4* | 826.9 | 75.8 | 25.4 | 18.3 | 16.8 | 16.8 | -23.5 |
| 18:59:00 | 20 40.2 | -49 14.6 | -84.5 | -53.3 | 99.9 | 1510 | 250.2 | 2.0 | 1.4* | 831.3 | 75.8 | 25.2 | 17.9 | 19.3 | 19.3 | -37.5 |
| 18:59:01 | 20 33.6 | -49 15.2 | -86.3 | -55.2 | 102.4 | 1522 | 17.3 | -4.5 | -13.0 | 76.0 | 82.7 | -0.0 | -6.7 | 47.0 | 47.0 | 92.0 |
| 18:59:00 | 20 33.6 | -49 15.2 | 307.2 | 351.5 | 1638 | 1521 | 19.2 | -11.8 | -2.4 | 73.1 | 79.5 | -0.5 | 213.7 | 291.0 | 31.3 | 122.1 |
| 18:59:30 | 20 33.7 | -49 17.7 | -82.3 | -59.2 | 101.3 | 1547 | 245.9 | 2.2 | 0.6* | 825.8 | 73.7 | 25.4 | 18.4 | 16.5 | 16.5 | -22.6 |
| 18:59:30 | 20 39.3 | -49 16.0 | -81.7 | -58.1 | 100.3 | 1529 | 246.2 | 2.2 | 0.5* | 830.3 | 73.8 | 25.2 | 18.1 | 19.1 | 19.1 | -37.5 |
| 18:59:31 | 20 32.7 | -49 16.6 | -83.6 | -59.9 | 102.9 | 1543 | 17.3 | -8.6 | -14.4 | 75.1 | 80.7 | -0.0 | -6.5 | 47.0 | 47.0 | 90.1 |
| 18:59:30 | 20 32.7 | -49 16.6 | 307.4 | 351.1 | 1649 | 1540 | 19.2 | 0.1 | 1.3 | 72.2 | 77.6 | -0.5 | 210.9 | 290.9 | 30.0 | 120.6 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:00:00 | 20 32.7 | -49 19.2 | -86.2 | -62.3 | 106.4 | 1537 | 247.6 | 3.2 | -1.4 | 827.6 | 74.7 | 25.1 | 18.1 | 16.8 | 16.8 | -22.9 |
| 19:00:00 | 20 38.3 | -49 17.5 | -85.6 | -61.3 | 105.3 | 1521 | 247.8 | 3.2 | -1.5 | 831.8 | 74.7 | 25.1 | 17.9 | 19.4 | 19.4 | -37.5 |
| 19:00:01 | 20 31.6 | -49 18.2 | -87.4 | -63.2 | 107.9 | 1531 | 17.2 | -7.9 | -14.2 | 75.1 | 82.6 | -0.0 | -6.6 | 47.0 | 47.0 | 93.5 |
| 19:00:00 | 20 31.7 | -49 18.1 | 306.9 | 351.3 | 1633 | 1530 | 18.8 | -13.5 | -2.9 | 72.6 | 78.6 | -0.5 | 212.2 | 300.3 | 28.9 | 121.2 |
| 19:00:30 | 20 31.6 | -49 20.6 | -87.0 | -73.8 | 114.1 | 1568 | 243.7* | -1.2 | -1.4* | 825.0 | 79.5 | 25.0 | 17.6 | 16.8 | 16.8 | -23.4 |
| 19:00:30 | 20 37.3 | -49 18.9 | -86.4 | -72.7 | 112.9 | 1554 | 243.9* | -1.2 | -1.5* | 829.5 | 79.6 | 24.9 | 17.3 | 19.2 | 19.2 | -37.5 |
| 19:00:31 | 20 30.6 | -49 19.6 | -88.4 | -74.8 | 115.8 | 1562 | 16.8 | -16.5 | -17.4 | 80.4 | 86.4 | -0.0 | -7.0 | 47.0 | 47.0 | 96.4 |
| 19:00:30 | 20 30.6 | -49 19.6 | 306.6 | 350.9 | 1656 | 1565 | 18.5 | -7.2 | -0.9 | 77.4 | 84.2 | -0.4 | 218.8 | 305.8 | 30.5 | 125.0 |
| 19:01:00 | 20 30.5 | -49 22.0 | -84.1 | -71.6 | 110.4 | 1578 | 243.9 | 0.7 | -3.3* | 825.0 | 73.1 | 24.7 | 17.8 | 16.7 | 16.7 | -23.5 |
| 19:01:00 | 20 36.2 | -49 20.3 | -83.4 | -70.5 | 109.2 | 1562 | 244.2 | 0.7 | -3.4* | 829.2 | 73.1 | 24.5 | 17.5 | 19.2 | 19.2 | -37.5 |
| 19:01:01 | 20 29.4 | -49 21.1 | -85.1 | -72.5 | 111.8 | 1571 | 17.0 | -10.3 | -15.9 | 74.1 | 81.5 | -0.0 | -6.5 | 47.0 | 47.0 | 94.7 |
| 19:01:00 | 20 29.5 | -49 21.0 | 306.9 | 351.2 | 1659 | 1572 | 19.2 | -9.2 | -1.8 | 71.1 | 77.1 | -0.4 | 210.0 | 307.7 | 29.5 | 120.1 |
| 19:01:30 | 20 29.4 | -49 23.5 | -91.2 | -66.3 | 112.7 | 1534 | 248.2 | -0.1 | 0.6 | 829.6 | 76.6 | 25.1 | 17.9 | 16.9 | 16.9 | -22.9 |
| 19:01:30 | 20 35.1 | -49 21.8 | -90.5 | -65.1 | 111.5 | 1518 | 248.5 | -0.1 | 0.5 | 834.0 | 76.6 | 25.1 | 17.7 | 19.4 | 19.4 | -37.5 |
| 19:01:31 | 20 28.3 | -49 22.6 | -92.3 | -66.9 | 114.0 | 1529 | 16.9 | -10.9 | -13.9 | 77.4 | 83.3 | -0.0 | -6.8 | 47.0 | 47.0 | 95.2 |
| 19:01:30 | 20 28.3 | -49 22.6 | 306.5 | 350.9 | 1612 | 1529 | 18.7 | -10.1 | -1.5 | 73.9 | 80.7 | -0.5 | 214.8 | 311.9 | 29.7 | 122.5 |
| 19:02:00 | 20 28.4 | -49 25.1 | -88.6 | -57.1 | 105.5 | 1516 | 252.3 | 1.6 | -0.6* | 831.9 | 72.2 | 24.8 | 18.1 | 17.1 | 17.1 | -23.1 |
| 19:02:00 | 20 34.1 | -49 23.4 | -87.9 | -56.0 | 104.2 | 1503 | 252.5 | 1.7 | -0.7* | 836.0 | 72.3 | 24.6 | 17.6 | 19.6 | 19.6 | -37.5 |
| 19:02:01 | 20 27.3 | -49 24.2 | -89.6 | -57.7 | 106.6 | 1513 | 17.1 | -6.7 | -13.4 | 73.3 | 78.8 | -0.0 | -6.4 | 47.0 | 47.0 | 95.4 |
| 19:02:00 | 20 27.3 | -49 24.2 | 306.5 | 351.2 | 1593 | 1511 | 18.6 | -5.1 | -0.3 | 70.3 | 76.0 | -0.4 | 208.8 | 310.3 | 32.2 | 118.9 |
| 19:02:30 | 20 27.4 | -49 26.6 | -88.9 | -61.8 | 108.3 | 1492 | 249.6 | 2.7 | 2.0 | 834.6 | 74.1 | 25.2 | 18.3 | 17.1 | 17.1 | -23.7 |
| 19:02:30 | 20 33.1 | -49 24.9 | -88.2 | -60.6 | 107.0 | 1477 | 249.8 | 2.7 | 1.8 | 838.9 | 74.1 | 25.2 | 18.1 | 19.6 | 19.6 | -37.5 |
| 19:02:31 | 20 26.3 | -49 25.7 | -89.9 | -62.5 | 109.5 | 1492 | 17.2 | -0.2 | -9.0 | 74.5 | 81.0 | -0.0 | -6.5 | 47.0 | 47.0 | 94.0 |
| 19:02:30 | 20 26.3 | -49 25.7 | 306.4 | 350.9 | 1565 | 1487 | 19.6 | -12.5 | -2.6 | 71.2 | 78.2 | -0.5 | 211.4 | 308.4 | 29.5 | 120.2 |
| 19:03:00 | 20 26.4 | -49 28.1 | -86.0 | -64.2 | 107.3 | 1511 | 247.7 | 1.2 | -0.3 | 833.3 | 75.6 | 25.1 | 18.0 | 16.9 | 16.9 | -23.3 |
| 19:03:00 | 20 32.1 | -49 26.4 | -85.2 | -63.1 | 106.0 | 1494 | 247.9 | 1.3 | -0.3 | 837.6 | 75.6 | 24.9 | 17.7 | 19.4 | 19.4 | -37.5 |
| 19:03:01 | 20 25.3 | -49 27.2 | -86.8 | -64.9 | 108.4 | 1507 | 17.1 | -5.5 | -11.9 | 76.5 | 82.7 | -0.0 | -6.6 | 47.0 | 47.0 | 94.6 |
| 19:03:00 | 20 25.3 | -49 27.2 | 306.3 | 350.4 | 1577 | 1506 | 18.9 | -6.9 | -0.8 | 72.5 | 79.5 | -0.5 | 213.4 | 304.1 | 31.6 | 121.4 |
| 19:03:30 | 20 25.4 | -49 29.6 | -88.4 | -60.3 | 107.0 | 1508 | 249.2 | 2.3 | -1.1 | 834.2 | 72.8 | 25.0 | 18.2 | 16.9 | 16.9 | -23.3 |
| 19:03:30 | 20 31.1 | -49 27.9 | -87.6 | -59.0 | 105.6 | 1494 | 249.5 | 2.3 | -1.2 | 838.5 | 72.9 | 24.9 | 17.9 | 19.4 | 19.4 | -37.5 |
| 19:03:31 | 20 24.2 | -49 28.7 | -89.2 | -60.8 | 107.9 | 1505 | 16.9 | -5.9 | -11.9 | 73.1 | 80.8 | -0.0 | -6.4 | 47.0 | 47.0 | 93.6 |
| 19:03:30 | 20 24.2 | -49 28.7 | 306.3 | 350.3 | 1569 | 1502 | 20.0 | -14.4 | -3.3 | 69.9 | 76.6 | -0.5 | 209.6 | 305.9 | 27.6 | 119.2 |
| 19:04:00 | 20 24.4 | -49 31.2 | -88.7 | -61.8 | 108.1 | 1525 | 248.4 | 1.5 | -0.2 | 833.0 | 76.6 | 25.1 | 18.0 | 16.8 | 16.8 | -22.7 |
| 19:04:00 | 20 30.2 | -49 29.4 | -87.8 | -60.6 | 106.7 | 1509 | 248.6 | 1.5 | -0.3 | 837.4 | 76.6 | 25.0 | 17.7 | 19.3 | 19.3 | -37.5 |
| 19:04:01 | 20 23.2 | -49 30.3 | -89.4 | -62.4 | 109.0 | 1518 | 16.8 | -10.7 | -13.4 | 77.4 | 83.9 | -0.0 | -6.7 | 47.0 | 47.0 | 94.1 |
| 19:04:00 | 20 23.3 | -49 30.2 | 306.2 | 350.0 | 1579 | 1519 | 20.8 | -7.9 | -1.1 | 72.9 | 80.8 | -0.5 | 214.9 | 303.3 | 29.6 | 122.2 |
| 19:04:30 | 20 23.3 | -49 32.7 | -87.7 | -63.7 | 108.4 | 1545 | 246.5 | 1.6 | -0.4 | 831.5 | 73.4 | 25.5 | 18.6 | 16.5 | 16.5 | -23.4 |
| 19:04:30 | 20 29.1 | -49 30.9 | -86.8 | -62.4 | 106.9 | 1532 | 246.6 | 1.5 | -0.5 | 835.8 | 73.5 | 25.3 | 18.2 | 19.0 | 19.0 | -37.5 |
| 19:04:31 | 20 22.2 | -49 31.8 | -88.3 | -64.1 | 109.2 | 1540 | 17.1 | -9.5 | -14.1 | 73.9 | 81.1 | -0.0 | -6.5 | 47.0 | 47.0 | 89.0 |
| 19:04:30 | 20 22.2* | -49 31.8* | 307.0 | 350.3 | 1594 | 1540 | 22.8 | -9.8 | -1.7 | 71.3 | 77.3 | -0.5 | 210.5 | 304.1 | 26.4 | 120.0 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:05:00 | 20 22.3 | -49 34.2 | -88.5 | -67.2 | 111.1 | 1543 | 244.3 | 1.6 | -0.2 | 832.3 | 74.8 | 25.8 | 18.8 | 16.0 | 16.0 | -23.5 |
| 19:05:00 | 20 28.1 | -49 32.4 | -87.6 | -66.0 | 109.6 | 1526 | 244.5 | 1.6 | -0.3 | 836.6 | 74.9 | 25.6 | 18.4 | 18.8 | 18.8 | -37.4 |
| 19:05:01 | 20 21.1 | -49 33.3 | -89.1 | -67.7 | 111.9 | 1534 | 17.3 | -9.4 | -12.1 | 75.1 | 82.3 | -0.0 | -6.6 | 47.0 | 47.0 | 84.7 |
| 19:05:00 | 20 21.1 | -49 33.3 | 307.2 | 349.0 | 1587 | 1536 | 24.1 | -9.0 | -1.5 | 71.7 | 78.8 | -0.5 | 212.4 | 304.6 | 24.5 | 121.1 |
| 19:05:30 | 20 21.2 | -49 35.7 | -89.4 | -67.4 | 112.0 | 1546 | 243.8 | 1.6 | 0.2 | 832.3 | 75.3 | 26.1 | 19.1 | 15.5 | 15.5 | -23.1 |
| 19:05:30 | 20 27.0 | -49 33.9 | -88.4 | -66.2 | 110.5 | 1530 | 244.1 | 1.6 | 0.1 | 836.6 | 75.3 | 25.8 | 18.6 | 18.4 | 18.4 | -37.5 |
| 19:05:31 | 20 20.0 | -49 34.9 | -90.0 | -67.8 | 112.6 | 1538 | 17.5 | -9.1 | -11.4 | 75.7 | 82.8 | -0.0 | -6.6 | 47.0 | 47.0 | 80.6 |
| 19:05:30 | 20 20.0 | -49 34.9 | 307.4 | 347.9 | 1586 | 1540 | 25.4 | -8.0 | -1.0 | 71.8 | 79.4 | -0.5 | 213.1 | 304.6 | 23.3 | 121.5 |
| 19:06:00 | 20 20.1 | -49 37.3 | -88.3 | -67.1 | 110.9 | 1548 | 244.3 | 1.8 | -0.4 | 832.5 | 73.7 | 26.4 | 19.5 | 14.9 | 14.9 | -23.7 |
| 19:06:00 | 20 26.0 | -49 35.4 | -87.3 | -65.8 | 109.3 | 1531 | 244.5 | 1.8 | -0.5 | 836.7 | 73.7 | 26.2 | 19.1 | 17.6 | 17.6 | -37.5 |
| 19:06:01 | 20 18.9 | -49 36.4 | -88.7 | -67.4 | 111.4 | 1539 | 17.9 | -7.8 | -11.2 | 74.0 | 81.1 | -0.0 | -6.5 | 47.0 | 47.0 | 75.3 |
| 19:06:00 | 20 18.9 | -49 36.4 | 307.9 | 347.0 | 1585 | 1541 | 25.5 | -7.9 | -2.7 | 71.1 | 77.6 | -0.5 | 210.8 | 306.0 | 24.3 | 120.3 |
| 19:06:30 | 20 19.0 | -49 38.8 | -88.8 | -68.2 | 112.0 | 1553 | 243.8 | 1.5 | 0.3 | 832.3 | 73.7 | 26.0 | 19.1 | 15.1 | 15.1 | -23.7 |
| 19:06:30 | 20 24.9 | -49 36.9 | -87.7 | -67.0 | 110.3 | 1536 | 244.0 | 1.5 | 0.2 | 836.6 | 73.8 | 25.8 | 18.7 | 17.7 | 17.7 | -37.5 |
| 19:06:31 | 20 17.8 | -49 37.9 | -89.1 | -68.6 | 112.4 | 1548 | 17.7 | -9.1 | -11.0 | 74.2 | 81.1 | -0.0 | -6.5 | 47.0 | 47.0 | 78.3 |
| 19:06:30 | 20 17.8 | -49 37.9 | 307.5 | 347.0 | 1587 | 1546 | 24.5 | -7.7 | -2.6 | 70.8 | 77.8 | -0.5 | 210.9 | 307.8 | 23.8 | 120.2 |
| 19:07:00 | 20 17.9 | -49 40.3 | -90.4 | -67.8 | 113.0 | 1558 | 243.9 | 1.1 | 0.3 | 831.9 | 75.5 | 26.5 | 19.4 | 14.7 | 14.7 | -23.2 |
| 19:07:00 | 20 23.8 | -49 38.4 | -89.3 | -66.5 | 111.4 | 1542 | 244.1 | 1.2 | 0.2 | 836.3 | 75.5 | 26.3 | 19.0 | 17.5 | 17.5 | -37.5 |
| 19:07:01 | 20 16.7 | -49 39.5 | -90.7 | -68.1 | 113.4 | 1553 | 17.8 | -10.8 | -12.0 | 75.9 | 82.8 | -0.0 | -6.6 | 47.0 | 47.0 | 75.0 |
| 19:07:00 | 20 17.1 | -49 39.0 | 307.9 | 346.6 | 1590 | 1549 | 25.4 | -6.9 | -2.3 | 72.5 | 79.6 | -0.5 | 213.3 | 306.4 | 23.1 | 121.7 |
| 19:07:30 | 20 16.8 | -49 41.9 | -90.2 | -67.4 | 112.6 | 1558 | 243.8 | 1.9 | -0.6 | 832.5 | 74.0 | 26.7 | 19.8 | 14.9 | 14.9 | -23.7 |
| 19:07:30 | 20 22.7 | -49 40.0 | -89.1 | -66.2 | 111.0 | 1541 | 244.1 | 1.8 | -0.7 | 836.8 | 74.0 | 26.5 | 19.3 | 17.5 | 17.5 | -37.5 |
| 19:07:31 | 20 15.6 | -49 41.1 | -90.4 | -67.7 | 112.9 | 1551 | 18.3 | -7.4 | -11.0 | 74.3 | 81.4 | -0.0 | -6.5 | 47.0 | 47.0 | 74.1 |
| 19:07:30 | 20 15.9 | -49 40.7 | 308.2 | 347.3 | 1585 | 1549 | 25.5 | -9.1 | -3.0 | 71.5 | 78.0 | -0.5 | 211.3 | 307.4 | 22.0 | 120.6 |
| 19:08:00 | 20 15.7 | -49 43.4 | -86.4 | -64.8 | 108.0 | 1755 | 243.3 | 6.0 | 1.6 | 813.9 | 67.5 | 24.3 | 17.8 | 14.5 | 14.5 | -23.5 |
| 19:08:00 | 20 21.7 | -49 41.5 | -85.2 | -63.5 | 106.3 | 1741 | 243.5 | 6.0 | 1.5 | 818.1 | 67.5 | 24.0 | 17.3 | 17.2 | 17.2 | -37.5 |
| 19:08:01 | 20 14.5 | -49 42.6 | -86.5 | -65.0 | 108.2 | 1751 | 16.4 | -5.7 | -13.4 | 68.4 | 76.4 | -0.0 | -6.1 | 47.0 | 47.0 | 82.0 |
| 19:08:00 | 20 14.6 | -49 42.5 | 308.1 | 347.1 | 1769 | 1728 | 25.2 | -7.4 | -2.3 | 65.6 | 71.4 | -0.5 | 202.0 | 306.3 | 20.6 | 116.2 |
| 19:08:30 | 20 14.7 | -49 44.9 | -84.3 | -61.2 | 104.2 | 2029 | 244.1 | 6.1 | 1.0 | 788.4 | 65.4 | 23.9 | 17.4 | 11.6 | 11.6 | -23.0 |
| 19:08:30 | 20 20.7 | -49 42.9 | -83.1 | -59.9 | 102.5 | 2014 | 244.3 | 6.1 | 0.8 | 792.4 | 65.4 | 23.5 | 16.9 | 14.4 | 14.4 | -37.4 |
| 19:08:31 | 20 13.5 | -49 44.1 | -84.4 | -61.4 | 104.3 | 2025 | 15.9 | -4.2 | -13.7 | 66.3 | 72.2 | -0.0 | -6.1 | 47.0 | 47.0 | 69.4 |
| 19:08:30 | 20 13.7 | -49 43.8 | 310.5 | 344.1 | 2026 | 1983 | 25.0 | -6.1 | -1.9 | 63.2 | 69.1 | -0.5 | 198.9 | 298.0 | 21.9 | 116.0 |
| 19:09:00 | 20 13.7 | -49 46.3 | -82.0 | -62.0 | 102.8 | 2276 | 244.1 | 6.4 | -0.3 | 766.6 | 55.8 | 22.6 | 16.9 | 8.1 | 8.1 | -23.3 |
| 19:09:00 | 20 19.7 | -49 44.3 | -80.7 | -60.7 | 101.0 | 2262 | 244.3 | 6.4 | -0.4* | 770.1 | 55.9 | 22.2 | 16.4 | 12.3 | 12.3 | -37.5 |
| 19:09:01 | 20 12.5 | -49 45.5 | -82.0 | -62.1 | 102.9 | 2273 | 15.3 | 4.7 | -12.1 | 56.5 | 62.1 | -0.0 | -5.4 | 47.0 | 47.0 | 56.5 |
| 19:09:00 | 20 12.5 | -49 45.5 | 312.5 | 340.2 | 2255 | 2266 | 23.5 | -8.2 | -2.7 | 56.4 | 58.9 | -0.5 | 184.1 | 312.1 | 20.2 | 108.8 |
| 19:09:30 | 20 12.7 | -49 47.7 | -82.6 | -63.3 | 104.0 | 2472 | 244.4 | 5.4 | 0.7 | 749.4 | 55.5 | 21.8 | 16.0 | 7.1 | 7.1 | -23.4 |
| 19:09:30 | 20 18.7 | -49 45.7 | -81.3 | -62.0 | 102.3 | 2439 | 244.7 | 5.4 | 0.5 | 752.8 | 55.5 | 21.4 | 15.5 | 11.1 | 11.1 | -37.4 |
| 19:09:31 | 20 11.5 | -49 46.9 | -82.5 | -63.4 | 104.1 | 2469 | 14.5 | 4.6 | -9.9 | 55.9 | 61.5 | -0.0 | -5.5 | 47.0 | 47.0 | 55.6 |
| 19:09:30 | 20 11.8 | -49 46.5 | 313.6 | 340.1 | 2437 | 2420 | 24.7 | -9.4 | -3.1 | 55.5 | 58.6 | -0.5 | 183.5 | 314.1 | 21.3 | 109.5 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:10:00 | 20 11.6 | -49 49.2 | -85.6 | -65.4 | 107.8 | 2652 | 244.4 | 5.5 | -0.0 | 734.4 | 57.6 | 21.4 | 15.3 | 5.4 | 5.4 | -23.3 |
| 19:10:00 | 20 17.7 | -49 47.2 | -84.4 | -64.2 | 106.0 | 2610 | 244.6 | 5.5 | -0.2 | 737.9 | 57.6 | 21.1 | 14.8 | 9.2 | 9.2 | -37.5 |
| 19:10:01 | 20 10.4 | -49 48.3 | -85.5 | -65.5 | 107.7 | 2641 | 13.7 | 3.5 | -11.2 | 58.1 | 63.8 | -0.0 | -5.8 | 47.0 | 47.0 | 51.6 |
| 19:10:00 | 20 10.5 | -49 48.3 | 314.6 | 338.9 | 2596 | 2636 | 22.5 | -9.3 | -3.1 | 57.7 | 60.8 | -0.5 | 186.9 | 316.6 | 21.7 | 112.4 |
| 19:10:30 | 20 10.6 | -49 50.6 | -86.8 | -66.0 | 109.1 | 2846 | 244.0 | 5.6 | 0.7 | 717.8 | 58.2 | 19.6 | 13.3 | 5.2 | 5.2 | -23.3 |
| 19:10:30 | 20 16.6 | -49 48.6 | -85.5 | -64.8 | 107.3 | 2805 | 244.2 | 5.6 | 0.6 | 721.2 | 58.2 | 19.2

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:15:00 | 19 59.5 | -50 6.9 | -101.1 | -82.7 | 130.7 | 3055 | 239.1 | 1.2 | 0.2 | 700.5 | 79.0 | 20.5 | 12.0 | 4.7 | 4.7 | 23.4 |
| 19:15:00 | 20 5.7 | -50 4.6 | -99.7 | -81.6 | 128.8 | 3000 | 239.4 | 1.3 | 0.1 | 705.2 | 79.0 | 20.2 | 11.5 | 7.3 | 7.3 | 23.5 |
| 19:15:01 | 19 58.3 | -50 6.0 | -100.3 | -82.5 | 129.9 | 3043 | 10.5 | -13.4 | -21.1 | 79.0 | 86.8 | -0.0 | -8.2 | 47.0 | 47.0 | 61.4 |
| 19:15:00 | 19 58.4 | -50 5.8 | 315.1 | 339.3 | 2954 | 3043 | 23.8 | -8.0 | -2.5 | 78.8 | 83.4 | -0.5 | 218.1 | 317.2 | 18.7 | 133.2 |
| 19:15:30 | 19 58.2 | -50 8.6 | -99.6 | -81.2 | 128.5 | 3059 | 239.0 | 1.4 | 0.2 | 700.6 | 77.8 | 20.2 | 11.8 | 4.9 | 4.9 | 22.3 |
| 19:15:30 | 20 4.4 | -50 6.3 | -98.1 | -80.2 | 126.7 | 3009 | 239.3 | 1.4 | 0.1 | 705.2 | 77.8 | 19.9 | 11.2 | 7.3 | 7.3 | 22.4 |
| 19:15:31 | 19 57.0 | -50 7.7 | -98.7 | -81.0 | 127.7 | 3044 | 10.4 | -12.1 | -20.0 | 77.7 | 85.2 | -0.0 | -8.0 | 47.0 | 47.0 | 63.1 |
| 19:15:30 | 19 57.2 | -50 7.4 | 314.8 | 339.3 | 2954 | 3044 | 23.8 | -8.9 | -2.8 | 77.6 | 82.0 | -0.5 | 216.5 | 313.3 | 18.0 | 132.1 |
| 19:16:00 | 19 56.8 | -50 10.3 | -98.8 | -80.2 | 127.3 | 3058 | 239.2 | 1.3 | -0.1 | 700.6 | 77.1 | 19.7 | 11.4 | 5.0 | 5.0 | 20.0 |
| 19:16:00 | 20 3.1 | -50 8.0 | -97.3 | -79.2 | 125.4 | 3013 | 239.4 | 1.3 | -0.2 | 705.1 | 77.1 | 19.4 | 10.8 | 7.4 | 7.4 | 20.1 |
| 19:16:01 | 19 55.7 | -50 9.4 | -97.9 | -80.0 | 126.4 | 3044 | 9.9 | -11.9 | -20.2 | 77.1 | 84.6 | -0.0 | -8.0 | 47.0 | 47.0 | 65.3 |
| 19:16:00 | 19 55.8 | -50 9.1 | 314.4 | 339.0 | 2955 | 3047 | 23.7 | -7.4 | -2.3 | 76.9 | 81.3 | -0.5 | 215.5 | 311.9 | 18.5 | 131.5 |
| 19:16:30 | 19 55.5 | -50 12.0 | -97.5 | -80.0 | 126.1 | 3060 | 239.2 | 1.6 | 0.1 | 701.0 | 74.1 | 19.7 | 11.7 | 5.1 | 5.1 | 17.9 |
| 19:16:30 | 20 1.8 | -50 9.7 | -96.0 | -78.9 | 124.3 | 3010 | 239.4 | 1.5 | -0.0 | 705.3 | 74.1 | 19.4 | 11.1 | 7.5 | 7.5 | 18.0 |
| 19:16:31 | 19 54.4 | -50 11.1 | -96.5 | -79.7 | 125.1 | 3044 | 10.3 | -8.6 | -18.5 | 74.1 | 81.6 | -0.0 | -7.7 | 47.0 | 47.0 | 64.3 |
| 19:16:30 | 19 54.4 | -50 11.0 | 314.7 | 339.5 | 2953 | 3046 | 20.7 | -8.3 | -2.6 | 74.0 | 78.2 | -0.5 | 211.4 | 315.7 | 18.5 | 129.1 |
| 19:17:00 | 19 54.2 | -50 13.7 | -96.8 | -79.8 | 125.4 | 3061 | 239.0 | 1.5 | 0.3 | 700.9 | 72.9 | 19.8 | 11.9 | 5.1 | 5.1 | 16.3 |
| 19:17:00 | 20 0.5 | -50 11.3 | -95.3 | -78.8 | 123.6 | 3014 | 239.3 | 1.5 | 0.2 | 704.9 | 73.0 | 19.5 | 11.4 | 7.6 | 7.6 | 16.4 |
| 19:17:01 | 19 53.1 | -50 12.7 | -95.7 | -79.5 | 124.4 | 3048 | 10.4 | -7.9 | -19.2 | 73.0 | 80.3 | -0.0 | -7.6 | 47.0 | 47.0 | 63.7 |
| 19:17:00 | 19 53.4 | -50 12.2 | 315.0 | 339.9 | 2958 | 3047 | 21.7 | -7.7 | -0.0 | 72.5 | 76.9 | -0.5 | 209.8 | 316.2 | 18.3 | 128.2 |
| 19:17:30 | 19 53.0 | -50 15.3 | -97.1 | -79.8 | 125.7 | 3064 | 239.3 | 1.4 | -0.1 | 700.7 | 74.1 | 20.2 | 12.1 | 4.4 | 4.4 | 15.0 |
| 19:17:30 | 19 59.2 | -50 13.0 | -95.6 | -78.8 | 123.9 | 3017 | 239.6 | 1.4 | -0.2 | 705.1 | 74.2 | 19.8 | 11.6 | 6.9 | 6.9 | 15.1 |
| 19:17:31 | 19 51.8 | -50 14.3 | -96.0 | -79.5 | 124.6 | 3060 | 10.7 | -9.4 | -18.7 | 74.1 | 81.4 | -0.0 | -7.7 | 47.0 | 47.0 | 59.7 |
| 19:17:30 | 19 52.0 | -50 14.1 | 315.2 | 339.1 | 2955 | 3051 | 22.2 | -8.0 | -2.2 | 73.5 | 78.1 | -0.5 | 211.5 | 314.2 | 18.8 | 129.2 |
| 19:18:00 | 19 51.7 | -50 17.0 | -97.6 | -79.8 | 126.0 | 3067 | 238.9 | 1.4 | 0.3 | 700.6 | 75.3 | 20.3 | 12.1 | 4.5 | 4.5 | 14.5 |
| 19:18:00 | 19 58.0 | -50 14.6 | -96.0 | -78.8 | 124.2 | 3019 | 239.1 | 1.4 | 0.1 | 705.0 | 75.3 | 19.9 | 11.6 | 7.0 | 7.0 | 14.6 |
| 19:18:01 | 19 50.5 | -50 16.0 | -96.3 | -79.4 | 124.8 | 3050 | 10.7 | -9.7 | -19.0 | 75.2 | 82.5 | -0.0 | -7.8 | 47.0 | 47.0 | 60.1 |
| 19:18:00 | 19 50.8 | -50 15.6 | 315.2 | 339.2 | 2956 | 3052 | 20.0 | -8.9 | -2.8 | 75.1 | 79.4 | -0.5 | 213.1 | 311.3 | 17.7 | 130.1 |
| 19:18:30 | 19 50.4 | -50 18.7 | -98.1 | -80.2 | 126.7 | 3064 | 239.2 | 1.5 | 0.0 | 701.0 | 74.2 | 20.5 | 12.5 | 4.1 | 4.1 | 13.6 |
| 19:18:30 | 19 56.7 | -50 16.3 | -96.5 | -79.3 | 124.9 | 3015 | 239.4 | 1.4 | -0.1 | 705.2 | 74.3 | 20.2 | 11.9 | 6.7 | 6.7 | 13.7 |
| 19:18:31 | 19 49.2 | -50 17.6 | -96.8 | -79.8 | 125.4 | 3047 | 10.9 | -9.0 | -18.6 | 74.2 | 81.5 | -0.0 | -7.7 | 47.0 | 47.0 | 57.1 |
| 19:18:30 | 19 49.3 | -50 17.5 | 315.6 | 338.9 | 2954 | 3051 | 18.1 | -8.4 | -2.6 | 74.1 | 78.2 | -0.5 | 211.6 | 316.5 | 18.1 | 129.3 |
| 19:19:00 | 19 49.0 | -50 20.3 | -98.0 | -81.0 | 127.1 | 3067 | 239.2 | 1.4 | -0.0 | 700.8 | 74.6 | 20.3 | 12.2 | 4.9 | 4.9 | 12.8 |
| 19:19:00 | 19 55.4 | -50 17.9 | -96.5 | -80.1 | 125.4 | 3019 | 239.4 | 1.5 | -0.1 | 705.1 | 74.6 | 20.0 | 11.7 | 7.4 | 7.4 | 12.9 |
| 19:19:01 | 19 47.9 | -50 19.3 | -96.6 | -80.6 | 125.9 | 3043 | 10.7 | -9.3 | -18.7 | 74.5 | 81.8 | -0.0 | -7.7 | 47.0 | 47.0 | 61.4 |
| 19:19:00 | 19 48.1 | -50 19.1 | 315.3 | 339.9 | 2955 | 3053 | 20.3 | -9.0 | -2.9 | 74.4 | 78.6 | -0.5 | 212.0 | 317.3 | 18.8 | 129.6 |
| 19:19:30 | 19 47.7 | -50 22.0 | -98.2 | -80.6 | 127.0 | 3069 | 238.9 | 1.5 | 0.2 | 700.7 | 73.9 | 19.8 | 11.9 | 5.6 | 5.6 | 12.0 |
| 19:19:30 | 19 54.1 | -50 19.6 | -96.6 | -79.7 | 125.3 | 3024 | 239.2 | 1.5 | 0.1 | 705.1 | 73.9 | 19.5 | 11.3 | 7.9 | 7.9 | 12.1 |
| 19:19:31 | 19 46.6 | -50 21.0 | -96.8 | -80.2 | 125.7 | 3047 | 10.4 | -8.9 | -20.2 | 73.9 | 81.2 | -0.0 | -7.7 | 47.0 | 47.0 | 66.2 |
| 19:19:30 | 19 46.6 | -50 20.9 | 314.9 | 340.7 | 2955 | 3055 | 18.8 | -8.4 | -1.9 | 73.3 | 77.8 | -0.5 | 211.1 | 318.6 | 17.7 | 128.9 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:20:00 | 19 46.4 | -50 23.7 | -99.5 | -80.4 | 127.9 | 3070 | 239.2 | 1.3 | -0.0 | 700.8 | 73.8 | 19.3 | 11.4 | 5.3 | 5.3 | 11.4 |
| 19:20:00 | 19 52.8 | -50 21.2 | -97.9 | -79.6 | 126.2 | 3024 | 239.4 | 1.3 | -0.1 | 705.1 | 73.9 | 19.0 | 10.8 | 7.8 | 7.8 | 11.5 |
| 19:20:01 | 19 45.3 | -50 22.6 | -98.0 | -80.0 | 126.5 | 3057 | 10.0 | -8.9 | -19.0 | 73.8 | 81.0 | -0.0 | -7.7 | 47.0 | 47.0 | 67.1 |
| 19:20:00 | 19 45.3 | -50 22.6 | 314.3 | 339.6 | 2955 | 3056 | 20.2 | -7.8 | -1.0 | 73.4 | 77.9 | -0.5 | 211.1 | 322.2 | 17.6 | 128.8 |
| 19:20:30 | 19 45.1 | -50 25.4 | -101.8 | -77.7 | 128.1 | 3074 | 240.8 | 1.2 | 2.3 | 700.5 | 74.4 | 19.3 | 11.3 | 5.7 | 5.7 | -37.3 |
| 19:20:30 | 19 51.5 | -50 22.9 | -100.2 | -77.0 | 126.4 | 3024 | 241.0 | 1.2 | 2.2 | 705.0 | 74.5 | 19.0 | 10.8 | 8.2 | 8.2 | -37.6 |
| 19:20:31 | 19 44.0 | -50 24.3 | -100.3 | -77.3 | 126.6 | 3062 | 10.0 | -9.8 | -19.1 | 74.4 | 81.7 | -0.0 | -7.7 | 47.0 | 47.0 | 69.0 |
| 19:20:30 | 19 44.0 | -50 24.3 | 314.3 | 340.2 | 2957 | 3060 | 19.1 | -9.3 | -3.3 | 74.0 | 78.5 | -0.5 | 211.9 | 322.5 | 17.3 | 129.3 |
| 19:21:00 | 19 43.9 | -50 27.2 | -104.7 | -74.1 | 128.2 | 3071 | 242.4 | 1.5 | 0.3 | 700.9 | 74.2 | 19.3 | 11.3 | 5.3 | 5.3 | -37.3 |
| 19:21:00 | 19 50.3 | -50 24.7 | -103.2 | -73.4 | 126.6 | 3020 | 242.6 | 1.5 | 0.1 | 705.2 | 74.3 | 19.0 | 10.8 | 7.8 | 7.8 | -37.6 |
| 19:21:01 | 19 42.8 | -50 26.1 | -103.1 | -73.7 | 126.7 | 3058 | 9.8 | -8.9 | -18.5 | 74.2 | 81.3 | -0.0 | -7.7 | 47.0 | 47.0 | 67.1 |
| 19:21:00 | 19 43.0 | -50 25.8 | 314.3 | 339.5 | 2954 | 3055 | 19.3 | -8.9 | -3.0 | 73.7 | 78.2 | -0.5 | 211.6 | 325.5 | 16.2 | 129.1 |
| 19:21:30 | 19 42.7 | -50 29.0 | -105.1 | -74.4 | 128.8 | 3071 | 242.6 | 1.5 | 0.0 | 700.9 | 73.8 | 19.4 | 11.5 | 5.4 | 5.4 | -37.3 |
| 19:21:30 | 19 49.1 | -50 26.5 | -103.6 | -73.7 | 127.2 | 3021 | 242.9 | 1.4 | -0.1 | 705.2 | 73.8 | 19.1 | 10.9 | 7.8 | 7.8 | -37.6 |
| 19:21:31 | 19 41.6 | -50 27.8 | -103.5 | -74.0 | 127.2 | 3059 | 10.1 | -8.7 | -18.5 | 73.7 | 81.0 | -0.0 | -7.6 | 47.0 | 47.0 | 66.8 |
| 19:21:30 | 19 41.6 | -50 27.8 | 314.4 | 339.8 | 2954 | 3059 | 23.4 | -9.4 | -3.3 | 73.3 | 77.7 | -0.5 | 210.9 | 328.9 | 16.7 | 128.7 |
| 19:22:00 | 19 41.5 | -50 30.8 | -106.8 | -73.5 | 129.7 | 3074 | 242.3 | 1.4 | 0.3 | 700.7 | 77.0 | 19.8 | 11.5 | 5.1 | 5.1 | -37.3 |
| 19:22:00 | 19 47.9 | -50 28.3 | -105.3 | -72.8 | 128.0 | 3027 | 242.5 | 1.4 | 0.2 | 705.2 | 77.1 | 19.5 | 11.0 | 7.6 | 7.6 | -37.6 |
| 19:22:01 | 19 40.4 | -50 29.6 | -105.1 | -73.1 | 128.0 | 3067 | 10.1 | -11.3 | -19.9 | 77.0 | 84.1 | -0.0 | -8.0 | 47.0 | 47.0 | 65.3 |
| 19:22:00 | 19 40.6 | -50 29.4 | 314.5 | 339.4 | 2954 | 3061 | 23.0 | -8.6 | -2.3 | 76.4 | 81.2 | -0.5 | 215.5 | 321.9 | 14.8 | 131.5 |
| 19:22:30 | 19 40.3 | -50 32.7 | -107.5 | -72.8 | 129.8 | 3079 | 242.5 | 1.0 | 0.3 | 700.4 | 79.2 | 19.5 | 11.0 | 6.5 | 6.5 | -37.3 |
| 19:22:30 | 19 46.7 | -50 30.1 | -105.9 | -72.2 | 128.2 | 3027 | 242.7 | 1.0 | 0.2 | 705.1 | 79.3 | 19.2 | 10.4 | 9.0 | 9.0 | -37.6 |
| 19:22:31 | 19 39.2 | -50 31.4 | -105.7 | -72.4 | 128.1 | 3068 | 9.6 | -14.0 | -20.9 | 79.3 | 86.5 | -0.0 | -8.2 | 47.0 | 47.0 | 74.9 |
| 19:22:30 | 19 39.6 | -50 30.8 | 313.9 | 341.3 | 2955 | 3065 | 23.7 | -7.4 | -2.3 | 78.6 | 83.7 | -0.5 | 218.4 | 316.0 | 14.9 | 133.2 |
| 19:23:00 | 19 39.1 | -50 34.5 | -107.9 | -72.6 | 130.1 | 3081 | 242.4 | 1.0 | 0.4 | 700.4 | 79.4 | 18.8 | 10.3 | 6.5 | 6.5 | -36.4 |
| 19:23:00 | 19 45.6 | -50 31.9 | -106.5 | -72.0 | 128.5 | 3030 | 242.6 | 1.0 | 0.3 | 705.0 | 79.4 | 18.5 | 9.7 | 9.0 | 9.0 | -37.6 |
| 19:23:01 | 19 38.0 | -50 33.3 | -106.2 | -72.2 | 128.4 | 3071 | 9.0 | -14.7 | -21.2 | 79.3 | 86.5 | -0.0 | -8.2 | 47.0 | 47.0 | 78.3 |
| 19:23:00 | 19 38.0 | -50 33.2 | 313.2 | 340.3 | 2956 | 3066 | 23.6 | -8.2 | -2.6 | 79.1 | 83.8 | -0.5 | 218.6 | 316.8 | 14.0 | 133.1 |
| 19:23:30 | 19 38.0 | -50 36.4 | -109.4 | -72.2 | 131.1 | 3081 | 242.0 | 1.1 | 0.7 | 700.3 | 80.3 | 18.5 | 9.9 | 6.6 | 6.6 | -23.6 |
| 19:23:30 | 19 44.4 | -50 33.7 | -107.9 | -71.7 | 129.6 | 3031 | 242.3 | 1.0 | 0.5 | 705.1 | 80.3 | 18.2 | 9.3 | 9.1 | 9.1 | -37.5 |
| 19:23:31 | 19 36.9 | -50 35.1 | -107.6 | -71.8 | 129.3 | 3073 | 8.7 | -15.9 | -21.6 | 80.4 | 87.4 | -0.0 | -8.3 | 47.0 | 47.0 | 80.9 |
| 19:23:30 | 19 37.2 | -50 34.6 | 312.7 | 340.1 | 2955 | 3065 | 23.6 | -7.9 | -2.5 | 80.0 | 84.8 | -0.5 | 219.9 | 316.6 | 12.1 | 133.8 |
| 19:24:00 | 19 36.8 | -50 38.3 | -110.3 | -73.6 | 132.6 | 3134 | 242.9 | 4.3 | 0.5* | 695.6 | 80.2 | 19.0 | 10.3 | 7.2 | 7.2 | -23.3 |
| 19:24:00 | 19 43.2 | -50 35.6 | -108.9 | -73.1 | 131.1 | 3089 | 243.1 | 4.3 | 0.4* | 700.7 | 80.2 | 18.7 | 9.8 | 9.8 | 9.8 | -37.5 |
| 19:24:01 | 19 35.7 | -50 37.0 | -108.5 | -73.1 | 130.8 | 3127 | 9.1 | -17.0 | -23.5 | 80.8 | 88.0 | -0.0 | -8.3 | 47.0 | 47.0 | 81.9 |
| 19:24:00 | 19 35.9 | -50 36.7 | 313.8 | 342.5 | 3005 | 3087 | 15.7 | -6.1 | -3.3 | 79.9 | 85.1 | -0.5 | 219.7 | 325.1 | 15.1 | 134.2 |
| 19:24:30 | 19 35.6 | -50 40.1 | -105.6 | -73.9 | 128.9 | 3349 | 242.8 | 4.2 | 0.1 | 678.2 | 72.6 | 17.5 | 9.5 | 5.6 | 5.6 | -23.4 |
| 19:24:30 | 19 42.0 | -50 37.4 | -104.2 | -73.4 | 127.5 | 3303 | 243.0 | 4.1 | -0.0 | 682.6 | 72.7 | 17.1 | 8.9 | 8.1 | 8.1 | -37.5 |
| 19:24:31 | 19 34.5 | -50 38.8 | -103.7 | -73.5 | 127.1 | 3341 | 8.2 | -9.0 | -18.4 | 72.9 | 79.2 | -0.0 | -7.8 | 47.0 | 47.0 | 77.8 |
| 19:24:30 | 19 34.6 | -50 38.6 | 315.1 | 341.8 | 3209 | 3322 | 19.7 | -9.3 | -3.0 | 72.5 | 76.7 | -0.5 | 209.4 | 328.2 | 16.3 | 129.3 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:25:00 | 19 34.4 | -50 41.9 | -102.4 | -74.2 | 126.5 | 3556 | 242.5 | 4.3 | 0.5 | 661.8 | 70.3 | 16.3 | 8.4 | 5.7 | 5.7 | -23.0 |
| 19:25:00 | 19 40.8 | -50 39.2 | -101.0 | -73.8 | 125.1 | 3504 | 242.7 | 4.3 | 0.4 | 666.0 | 70.3 | 16.0 | 7.8 | 8.2 | 8.2 | -37.5 |
| 19:25:01 | 19 33.3 | -50 40.5 | -100.5 | -73.8 | 124.7 | 3545 | 7.2 | -8.4 | -19.6 | 70.6 | 76.6 | -0.0 | -7.7 | 47.0 | 47.0 | 84.3 |
| 19:25:00 | 19 33.4 | -50 40.4 | 316.2 | 343.7 | 3401 | 3528 | 9.3 | -7.6 | -1.3 | 70.2 | 74.2 | -0.5 | 206.0 | 322.5 | 17.9 | 128.6 |
| 19:25:30 | 19 33.2 | -50 43.6 | -100.7 | -74.1 | 125.0 | 3738 | 242.6 | 4.2 | 0.0 | 647.6 | 65.7 | 16.4 | 8.7 | 3.6 | 3.6 | -22.7 |
| 19:25:30 | 19 39.6 | -50 40.9 | -99.3 | -73.8 | 123.7 | 3685 | 242.8 | 4.2 | -0.1 | 651.5 | 65.7 | 16.0 | 8.2 | 5.1 | 5.1 | -37.6 |
| 19:25:31 | 19 32.1 | -50 42.2 | -98.8 | -73.7 | 123.2 | 3729 | 7.5 | -3.2 | -14.4 | 65.7 | 71.8 | -0.0 | -7.4 | 47.0 | 47.0 | 70.8 |
| 19:25:30 | 19 32.1 | -50 42.2 | 318.5 | 343.2 | 3572 | 3724 | 8.5 | -10.8 | -2.1 | 66.0 | 69.3 | -0.5 | 199.4 | 325.9 | 17.9 | 125.9 |
| 19:26:00 | 19 32.0 | -50 45.4 | -101.6 | -73.4 | 125.3 | 3895 | 242.0 | 4.2 | 0.9 | 635.6 | 65.1 | 15.6 | 7.9 | 3.7 | 3.7 | -23.1 |
| 19:26:00 | 19 38.5 | -50 42.6 | -100.2 | -73.1 | 124.0 | 3836 | 242.1 | 4.2 | 0.8 | 639.5 | 65.2 | 15.2 | 7.3 | 5.3 | 5.3 | -37.5 |
| 19:26:01 | 19 30.9 | -50 43.9 | -99.6 | -73.0 | 123.5 | 3883 | 6.6 | -3.4 | -14.5 | 65.2 | 71.2 | -0.0 | -7.5 | 47.0 | 47.0 | 75.3 |
| 19:26:00 | 19 30.9 | -50 43.9 | 319.3 | 344.7 | 3717 | 3879 | 8.9 | -9.1 | -3.2 | 65.1 | 68.8 | -0.5 | 198.5 | 325.3 | 15.9 | 126.3 |
| 19:26:30 | 19 30.8 | -50 47.1 | -103.5 | -72.9 | 126.6 | 4055 | 242.4 | 4.2 | 0.2 | 623.3 | 66.0 | 14.7 | 6.8 | 1.3 | 1.3 | -23.2 |
| 19:26:30 | 19 37.3 | -50 44.3 | -102.2 | -72.6 | 125.4 | 3996 | 242.6 | 4.2 | 0.1 | 627.3 | 66.0 | 14.3 | 6.2 | 4.0 | 4.0 | -37.5 |
| 19:26:31 | 19 29.7 | -50 45.6 | -101.6 | -72.5 | 124.8 | 4047 | 5.7 | -4.2 | -14.7 | 65.9 | 72.0 | -0.0 | -7.7 | 47.0 | 47.0 | 68.5 |
| 19:26:30 | 19 30.0 | -50 45.3 | 319.8 | 341.7 | 3865 | 4007 | 8.7 | -9.7 | -3.2 | 65.9 | 69.6 | -0.5 | 199.8 | 324.5 | 15.5 | 128.0 |
| 19:27:00 | 19 29.6 | -50 48.9 | -103.9 | -72.9 | 127.0 | 4229 | 242.6 | 4.3 | 0.2 | 610.6 | 65.6 | 14.7 | 6.7 | -1.0 | -1.1 | -23.1 |
| 19:27:00 | 19 36.1 | -50 46.1 | -102.6 | -72.7 | 125.7 | 4174 | 242.8 | 4.3 | 0.1 | 614.6 | 65.6 | 14.2 | 6.0 | -2.3 | -2.6 | -37.5 |
| 19:27:01 | 19 28.6 | -50 47.4 | -101.9 | -72.6 | 125.1 | 4212 | 5.3 | -4.2 | -14.8 | 65.5 | 71.5 | -0.0 | -7.8 | 47.0 | 47.0 | 58.0 |
| 19:27:00 | 19 28.6 | -50 47.2 | 321.5 | 340.5 | 4022 | 4197 | 9.3 | -9.9 | -3.2 | 65.5 | 69.2 | -0.5 | 199.1 | 323.0 | 15.7 | 128.8 |
| 19:27:30 | 19 28.4 | -50 50.7 | -103.9 | -72.4 | 126.6 | 4395 | 242.4 | 4.2 | 0.2 | 598.1 | 65.1 | 13.5 | 5.5 | -6.7 | -7.6 | -23.2 |
| 19:27:30 | 19 34.9 | -50 47.9 | -102.6 | -72.2 | 125.4 | 4328 | 242.7 | 4.2 | 0.1 | 602.1 | 65.2 | 13.1 | 4.8 | -3.9 | -4.4 | -37.5 |
| 19:27:31 | 19 27.4 | -50 49.1 | -101.9 | -72.0 | 124.8 | 4378 | 4.0 | -3.6 | -14.5 | 65.0 | 71.0 | -0.0 | -7.9 | 47.0 | 47.0 | 38.8 |
| 19:27:30 | 19 27.6 | -50 48.9 | 322.0 | 334.2 | 4180 | 4357 | 9.6 | -9.4 | -2.9 | 65.1 | 68.7 | -0.5 | 198.5 | 319.4 | 15.1 | 129.3 |
| 19:28:00 | 19 27.3 | -50 52.5 | -104.5 | -71.9 | 126.9 | 4556 | 242.7 | 4.2 | 0.0 | 586.6 | 63.3 | 11.9 | 4.0 | -6.9 | -7.8 | -23.2 |
| 19:28:00 | 19 33.7 | -50 49.6 | -103.2 | -71.8 | 125.7 | 4494 | 242.9 | 4.3 | -0.1 | 590.4 | 63.4 | 11.5 | 3.3 | -3.4 | -3.8 | -37.5 |
| 19:28:01 | 19 26.2 | -50 50.9 | -102.5 | -71.6 | 125.0 | 4540 | 2.6 | -1.4 | -13.3 | 63.2 | 69.1 | -0.0 | -7.8 | 47.0 | 47.0 | 42.2 |
| 19:28:00 | 19 26.5 | -50 50.5 | 322.1 | 334.3 | 4329 | 4508 | 10.0 | -8.6 | -2.6 | 63.3 | 66.8 | -0.5 | 195.8 | 324.0 | 14.9 | 128.4 |
| 19:28:30 | 19 26.1 | -50 54.3 | -104.4 | -73.1 | 127.5 | 4714 | 242.7 | 4.3 | -0.0 | 575.3 | 62.6 | 10.7 | 2.7 | -5.7 | -6.5 | -23.0 |
| 19:28:30 | 19 32.6 | -50 51.4 | -103.1 | -73.0 | 126.4 | 4646 | 242.9 | 4.2 | -0.2 | 579.1 | 62.6 | 10.2 | 2.0 | -3.1 | -3.5 | -37.5 |
| 19:28:31 | 19 25.0 | -50 52.6 | -102.4 | -72.8 | 125.6 | 4699 | 1.3 | -1.0 | -13.0 | 62.4 | 68.3 | -0.0 | -7.9 | 47.0 | 47.0 | 51.4 |
| 19:28:30 | 19 25.4 | -50 52.1 | 322.4 | 336.1 | 4476 | 4655 | 10.7 | -9.3 | -2.9 | 62.6 | 66.1 | -0.5 | 194.7 | 325.3 | 15.8 | 128.6 |
| 19:29:00 | 19 24.9 | -50 56.1 | -105.6 | -71.7 | 127.6 | 4872 | 242.0 | 4.2 | 0.8 | 564.0 | 62.7 | 10.1 | 2.0 | -5.1 | -5.7 | -23.6 |
| 19:29:00 | 19 31.4 | -50 53.2 | -104.3 | -71.7 | 126.6 | 4780* | 242.2 | 4.2 | 0.7 | 567.8 | 62.7 | 9.7 | 1.4 | -2.6 | -2.9 | -37.4 |
| 19:29:01 | 19 23.9 | -50 54.4 | -103.6 | -71.3 | 125.8 | 4859 | 0.8 | -0.9 | -13.0 | 62.5 | 68.4 | -0.0 | -8.1 | 47.0 | 47.0 | 57.2 |
| 19:29:00 | 19 23.9 | -50 54.4 | 323.4 | 338.2 | 4625 | 4857 | 11.9 | -10.0 | -3.1 | 62.7 | 66.1 | -0.5 | 194.8 | 319.7 | 12.3 | 129.8 |
| 19:29:30 | 19 23.7 | -50 57.9 | -104.3 | -74.5 | 128.2 | 5026 | 240.1 | 4.2 | -0.6 | 553.5 | 60.5 | 9.2 | 1.2 | -7.2 | -8.1 | -23.1 |
| 19:29:30 | 19 30.2 | -50 54.9 | -103.1 | -74.5 | 127.2 | 4752 | 240.4 | 4.1 | -0.8 | 557.1 | 60.5 | 8.7 | 0.5 | -4.7 | -5.3 | -37.5 |
| 19:29:31 | 19 22.7 | -50 56.2 | -102.3 | -74.2 | 126.4 | 5013 | -0.2 | 1.0 | -11.7 | 60.1 | 66.0 | -0.0 | -7.9 | 47.0 | 47.0 | 50.3 |
| 19:29:30 | 19 22.7 | -50 56.1 | 324.2 | 336.9 | 4768 | 5010 | 13.8 | -8.9 | -2.7 | 60.4 | 63.7 | -0.5 | 191.4 | 326.7 | 11.3 | 128.5 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:30:00 | 19 22.5 | -50 59.6 | -105.0 | -77.0 | 130.2 | 5157 | 239.6 | 3.4* | 0.1 | 544.5 | 61.0 | 8.6 | 0.5 | -6.9 | -7.8 | -23.2 |
| 19:30:00 | 19 29.0 | -50 56.7 | -103.7 | -77.1 | 129.2 | 4884 | 239.8 | 3.4* | -0.1 | 548.1 | 61.0 | 8.1 | -0.2 | -4.4 | -5.0 | -37.4 |
| 19:30:01 | 19 21.5 | -50 57.9 | -103.0 | -76.7 | 128.4 | 5143 | -0.8 | -0.9 | -12.5 | 60.5 | 66.5 | -0.0 | -8.1 | 47.0 | 47.0 | 54.3 |
| 19:30:00 | 19 21.6 | -50 57.8 | 324.9 | 338.1 | 4891 | 5136 | 11.7 | -9.6 | -3.0 | 61.0 | 64.3 | -0.5 | 192.2 | 328.6 | 11.7 | 129.9 |
| 19:30:30 | 19 21.2 | -51 1.5 | -113.4 | -82.3 | 140.1 | 5161 | 239.5 | 1.5 | 0.2 | 543.9 | 69.5 | 9.6 | 0.4 | -6.6 | -7.5 | -23.3 |
| 19:30:30 | 19 27.7 | -50 58.6 | -112.2 | -82.4 | 139.2 | 4862 | 239.7 | 1.4 | 0.1 | 548.0 | 69.5 | 9.2

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:35:00 | 19 7.9 | -51 21.3 | -134.6 | -97.3 | 166.1 | 5163 | 239.5 | 0.3 | 0.2 | 542.9 | 99.9 | 13.9 | 1.1 | -13.6 | -15.3 | -22.9 |
| 19:35:00 | 19 14.3 | -51 18.2 | -133.7 | -97.8 | 165.6 | 4889 | 239.8 | 0.3 | 0.1 | 548.9 | 99.9 | 13.6 | 0.3 | -10.9 | -12.3 | -37.5 |
| 19:35:01 | 19 6.9 | -51 19.2 | -132.7 | -97.2 | 164.5 | 5147 | -0.5 | -32.8 | -30.1 | 97.7 | 105.1 | -0.0 | -12.7 | 47.0 | 47.0 | 28.5 |
| 19:35:00 | 19 6.9 | -51 19.2 | 325.5 | 333.0 | 4881 | 5150 | 23.4 | -10.5 | -3.3 | 99.1 | 105.6 | -0.6 | 244.4 | 333.7 | 14.6 | 164.3 |
| 19:35:30 | 19 6.3 | -51 23.6 | -135.2 | -97.1 | 166.4 | 5163 | 239.4 | 0.1 | 0.0 | 542.9 | 100.0 | 13.9 | 1.1 | -13.9 | -15.5 | -23.3 |
| 19:35:30 | 19 12.7 | -51 20.5 | -134.3 | -97.7 | 166.0 | 4878 | 239.7 | -0.0 | -0.1 | 548.8 | 100.0 | 13.7 | 0.3 | -11.0 | -12.4 | -37.5 |
| 19:35:31 | 19 5.3 | -51 21.5 | -133.3 | -97.1 | 164.9 | 5150 | -0.5 | -33.9 | -30.4 | 97.7 | 105.0 | -0.0 | -12.8 | 47.0 | 47.0 | 27.8 |
| 19:35:30 | 19 5.4 | -51 21.3 | 325.5 | 332.9 | 4881 | 5151 | 23.3 | -10.2 | -3.2 | 99.1 | 105.7 | -0.6 | 244.5 | 335.3 | 14.0 | 164.4 |
| 19:36:00 | 19 4.7 | -51 25.9 | -135.7 | -96.9 | 166.7 | 5166 | 239.5 | 0.1 | 0.2 | 542.8 | 100.3 | 13.9 | 1.0 | -13.1 | -14.7 | -23.5 |
| 19:36:00 | 19 11.1 | -51 22.8 | -134.8 | -97.5 | 166.4 | 4895 | 239.7 | 0.1 | 0.1 | 548.8 | 100.3 | 13.6 | 0.2 | -10.3 | -11.6 | -37.5 |
| 19:36:01 | 19 3.7 | -51 23.8 | -133.8 | -96.9 | 165.2 | 5155 | -0.6 | -33.0 | -29.9 | 98.0 | 105.3 | -0.0 | -12.8 | 47.0 | 47.0 | 30.1 |
| 19:36:00 | 19 3.7 | -51 23.7 | 325.4 | 333.3 | 4882 | 5153 | 23.3 | -10.5 | -3.3 | 99.5 | 106.0 | -0.6 | 244.9 | 335.9 | 13.6 | 164.6 |
| 19:36:30 | 19 3.1 | -51 28.2 | -136.1 | -97.0 | 167.2 | 5165 | 239.6 | 0.3 | 0.1 | 542.9 | 99.8 | 14.1 | 1.3 | -14.7 | -16.5 | -22.8 |
| 19:36:30 | 19 9.5 | -51 25.1 | -135.3 | -97.6 | 166.9 | 4886 | 239.9 | 0.3 | -0.1 | 549.0 | 99.8 | 13.9 | 0.5 | -12.0 | -13.4 | -37.5 |
| 19:36:31 | 19 2.1 | -51 26.1 | -134.3 | -97.1 | 165.7 | 5157 | -0.2 | -31.3 | -29.5 | 97.6 | 105.1 | -0.0 | -12.7 | 47.0 | 47.0 | 25.4 |
| 19:36:30 | 19 2.2 | -51 26.0 | 325.8 | 332.6 | 4879 | 5153 | 23.3 | -11.2 | -3.6 | 99.0 | 105.6 | -0.6 | 244.3 | 339.1 | 13.9 | 164.3 |
| 19:37:00 | 19 1.6 | -51 30.6 | -137.0 | -96.8 | 167.7 | 5168 | 239.5 | 0.0 | 0.1 | 542.8 | 99.7 | 14.4 | 1.6 | -13.6 | -15.2 | -22.9 |
| 19:37:00 | 19 8.0 | -51 27.4 | -136.3 | -97.4 | 167.5 | 4892 | 239.7 | 0.0 | -0.0 | 548.8 | 99.7 | 14.1 | 0.7 | -10.9 | -12.2 | -37.5 |
| 19:37:01 | 19 0.6 | -51 28.3 | -135.2 | -96.8 | 166.3 | 5154 | 0.0 | -32.9 | -30.1 | 97.5 | 104.8 | -0.0 | -12.7 | 47.0 | 47.0 | 27.6 |
| 19:37:00 | 19 0.6 | -51 28.3 | 326.1 | 333.6 | 4882 | 5156 | 23.2 | -10.7 | -3.4 | 98.9 | 105.4 | -0.6 | 244.2 | 342.3 | 12.9 | 164.3 |
| 19:37:30 | 18 60.0 | -51 32.9 | -137.5 | -96.9 | 168.2 | 5167 | 239.6 | 0.2 | -0.0 | 542.9 | 99.7 | 14.0 | 1.2 | -14.0 | -15.7 | -23.4 |
| 19:37:30 | 19 6.4 | -51 29.7 | -136.8 | -97.6 | 168.0 | 4883 | 239.9 | 0.1 | -0.1 | 548.9 | 99.7 | 13.8 | 0.4 | -11.2 | -12.6 | -37.4 |
| 19:37:31 | 18 59.0 | -51 30.7 | -135.7 | -97.1 | 166.8 | 5151 | -0.3 | -32.2 | -29.8 | 97.5 | 104.9 | -0.0 | -12.7 | 47.0 | 47.0 | 27.2 |
| 19:37:30 | 18 59.1 | -51 30.5 | 325.7 | 332.9 | 4880 | 5156 | 23.2 | -11.0 | -3.5 | 98.9 | 105.5 | -0.6 | 244.2 | 344.8 | 13.2 | 164.2 |
| 19:38:00 | 18 58.4 | -51 35.3 | -138.1 | -96.9 | 168.7 | 5169 | 239.5 | 0.1 | 0.1 | 542.8 | 100.9 | 14.1 | 1.2 | -13.7 | -15.4 | -23.3 |
| 19:38:00 | 19 4.8 | -51 32.1 | -137.4 | -97.7 | 168.6 | 4884 | 239.7 | 0.1 | 0.0 | 548.9 | 100.9 | 13.9 | 0.4 | -11.0 | -12.4 | -37.5 |
| 19:38:01 | 18 57.4 | -51 33.0 | -136.3 | -97.1 | 167.3 | 5154 | -0.3 | -33.4 | -30.0 | 98.6 | 105.8 | -0.0 | -12.9 | 47.0 | 47.0 | 28.0 |
| 19:38:00 | 18 57.5 | -51 32.8 | 325.7 | 333.1 | 4881 | 5157 | 23.3 | -10.3 | -3.3 | 100.0 | 106.7 | -0.6 | 245.6 | 343.8 | 12.7 | 165.1 |
| 19:38:30 | 18 56.8 | -51 37.6 | -138.6 | -96.8 | 169.1 | 5169 | 239.6 | 0.0 | 0.0 | 542.8 | 100.5 | 14.0 | 1.2 | -14.0 | -15.6 | -23.1 |
| 19:38:30 | 19 3.2 | -51 34.4 | -138.0 | -97.5 | 169.0 | 4894 | 239.8 | -0.0 | -0.1 | 548.8 | 100.5 | 13.8 | 0.3 | -11.1 | -12.5 | -37.5 |
| 19:38:31 | 18 55.8 | -51 35.3 | -136.9 | -96.9 | 167.7 | 5157 | -0.3 | -33.9 | -30.4 | 98.2 | 105.5 | -0.0 | -12.8 | 47.0 | 47.0 | 27.5 |
| 19:38:30 | 18 55.9 | -51 35.3 | 325.6 | 332.9 | 4882 | 5158 | 23.3 | -11.1 | -3.5 | 99.7 | 106.2 | -0.6 | 245.2 | 346.9 | 12.7 | 164.8 |
| 19:39:00 | 18 55.3 | -51 40.0 | -139.2 | -96.4 | 169.3 | 5171 | 239.4 | 0.2 | 0.3 | 542.8 | 101.2 | 14.2 | 1.2 | -12.2 | -13.7 | -23.3 |
| 19:39:00 | 19 1.6 | -51 36.8 | -138.7 | -97.2 | 169.3 | 4895 | 239.6 | 0.2 | 0.2 | 548.9 | 101.3 | 13.9 | 0.4 | -9.4 | -10.6 | -37.5 |
| 19:39:01 | 18 54.3 | -51 37.7 | -137.5 | -96.6 | 168.1 | 5155 | -0.2 | -33.7 | -30.7 | 98.9 | 106.4 | -0.0 | -12.9 | 47.0 | 47.0 | 32.2 |
| 19:39:00 | 18 54.3 | -51 37.6 | 325.6 | 334.1 | 4881 | 5159 | 23.3 | -10.3 | -3.3 | 100.4 | 107.1 | -0.6 | 246.0 | 347.1 | 11.7 | 165.4 |
| 19:39:30 | 18 53.7 | -51 42.4 | -139.7 | -95.9 | 169.5 | 5169 | 239.4 | 0.2 | 0.2 | 542.8 | 101.3 | 13.9 | 1.0 | -10.6 | -11.9 | -23.4 |
| 19:39:30 | 19 0.1 | -51 39.2 | -139.2 | -96.8 | 169.5 | 4899 | 239.7 | 0.2 | 0.1 | 548.9 | 101.3 | 13.7 | 0.1 | -7.7 | -8.7 | -37.5 |
| 19:39:31 | 18 52.7 | -51 40.0 | -138.0 | -96.2 | 168.2 | 5153 | -0.6 | -32.6 | -30.4 | 99.0 | 106.5 | -0.0 | -12.9 | 47.0 | 47.0 | 37.9 |
| 19:39:30 | 18 52.7 | -51 40.0 | 325.3 | 335.1 | 4880 | 5159 | 23.1 | -11.0 | -3.5 | 100.5 | 107.2 | -0.6 | 246.1 | 349.2 | 11.1 | 165.4 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:40:00 | 18 52.1 | -51 44.8 | -140.2 | -96.0 | 169.9 | 5173 | 239.7 | 0.2 | -0.1 | 542.9 | 101.3 | 14.1 | 1.1 | -11.2 | -12.5 | -23.1 |
| 19:40:00 | 18 58.5 | -51 41.5 | -139.7 | -96.8 | 170.0 | 4906 | 239.9 | 0.2 | -0.3 | 548.9 | 101.4 | 13.8 | 0.3 | -8.3 | -9.4 | -37.5 |
| 19:40:01 | 18 51.1 | -51 42.4 | -138.6 | -96.2 | 168.8 | 5153 | -0.4 | -33.7 | -30.8 | 99.0 | 106.4 | -0.0 | -12.9 | 47.0 | 47.0 | 35.6 |
| 19:40:00 | 18 51.2 | -51 42.3 | 325.5 | 334.8 | 4880 | 5159 | 22.9 | -11.1 | -3.5 | 100.5 | 107.2 | -0.6 | 246.1 | 350.3 | 11.6 | 165.5 |
| 19:40:30 | 18 50.6 | -51 47.1 | -140.3 | -95.8 | 169.9 | 5171 | 239.5 | 0.2 | 0.2 | 542.8 | 101.2 | 14.1 | 1.1 | -10.8 | -12.1 | -23.8 |
| 19:40:30 | 18 56.9 | -51 43.9 | -139.8 | -96.7 | 170.0 | 4885 | 239.7 | 0.1 | 0.0 | 548.9 | 101.2 | 13.8 | 0.3 | -8.1 | -9.2 | -37.5 |
| 19:40:31 | 18 49.6 | -51 44.7 | -138.7 | -96.1 | 168.8 | 5155 | -0.5 | -33.3 | -30.6 | 98.8 | 106.3 | -0.0 | -12.9 | 47.0 | 47.0 | 36.8 |
| 19:40:30 | 18 49.7 | -51 44.5 | 325.5 | 335.1 | 4881 | 5160 | 22.2 | -11.1 | -3.5 | 100.3 | 107.0 | -0.6 | 245.9 | 352.1 | 11.0 | 165.3 |
| 19:41:00 | 18 49.0 | -51 49.5 | -139.1 | -98.7 | 170.5 | 5174 | 238.2 | -0.1 | -1.3 | 542.8 | 102.9 | 14.3 | 1.1 | -11.3 | -12.6 | -23.0 |
| 19:41:00 | 18 55.3 | -51 46.3 | -138.6 | -99.6 | 170.7 | 4900 | 238.4 | -0.0 | -1.4 | 548.9 | 102.9 | 14.0 | 0.3 | -8.3 | -9.4 | -37.4 |
| 19:41:01 | 18 48.0 | -51 47.1 | -137.5 | -99.1 | 169.5 | 5158 | -0.5 | -35.6 | -31.1 | 100.3 | 107.7 | -0.0 | -13.1 | 47.0 | 47.0 | 35.2 |
| 19:41:00 | 18 48.0 | -51 47.1 | 325.6 | 334.8 | 4881 | 5161 | 22.4 | -11.0 | -3.5 | 102.0 | 108.7 | -0.6 | 247.9 | 349.2 | 10.0 | 166.6 |
| 19:41:30 | 18 47.4 | -51 51.9 | -137.5 | -100.8 | 170.5 | 5175 | 237.3 | -0.0 | -0.2 | 542.8 | 103.4 | 14.2 | 1.0 | -11.7 | -13.1 | -23.2 |
| 19:41:30 | 18 53.7 | -51 48.7 | -137.1 | -101.7 | 170.7 | 4882 | 237.6 | -0.1 | -0.3 | 548.8 | 103.4 | 14.0 | 0.2 | -8.9 | -10.0 | -37.6 |
| 19:41:31 | 18 46.4 | -51 49.4 | -136.0 | -101.2 | 169.6 | 5160 | -0.5 | -35.6 | -32.0 | 100.8 | 108.3 | -0.0 | -13.1 | 47.0 | 47.0 | 34.2 |
| 19:41:30 | 18 46.5 | -51 49.2 | 325.4 | 334.3 | 4882 | 5162 | 18.9 | -10.9 | -3.5 | 102.5 | 109.3 | -0.6 | 248.6 | 346.2 | 9.8 | 167.0 |
| 19:42:00 | 18 45.8 | -51 54.2 | -137.8 | -100.5 | 170.6 | 5171 | 237.0 | -0.1 | 0.1 | 542.8 | 104.1 | 14.2 | 1.0 | -10.2 | -11.4 | -23.5 |
| 19:42:00 | 18 52.0 | -51 51.0 | -137.4 | -101.5 | 170.9 | 4890 | 237.2 | -0.1 | 0.0 | 548.8 | 104.1 | 14.0 | 0.1 | -7.5 | -8.4 | -37.5 |
| 19:42:01 | 18 44.7 | -51 51.7 | -136.4 | -101.0 | 169.7 | 5160 | -0.6 | -37.3 | -32.5 | 101.5 | 108.8 | -0.0 | -13.2 | 47.0 | 47.0 | 39.4 |
| 19:42:00 | 18 44.8 | -51 51.7 | 325.3 | 335.4 | 4881 | 5161 | 14.9 | -10.8 | -3.5 | 103.1 | 110.0 | -0.6 | 249.3 | 346.0 | 8.8 | 167.5 |
| 19:42:30 | 18 44.1 | -51 56.6 | -138.1 | -99.6 | 170.3 | 5175 | 237.0 | 0.0 | 0.1 | 542.7 | 105.3 | 14.1 | 0.7 | -6.1 | -6.8 | -23.6 |
| 19:42:30 | 18 50.4 | -51 53.4 | -137.7 | -100.6 | 170.6 | 4890 | 237.2 | -0.1 | -0.0 | 548.9 | 105.3 | 13.9 | -0.1 | -2.2 | -2.4 | -37.5 |
| 19:42:31 | 18 43.1 | -51 54.1 | -136.7 | -100.1 | 169.4 | 5161 | -0.7 | -37.2 | -32.1 | 102.5 | 109.8 | -0.0 | -13.3 | 47.0 | 47.0 | 57.5 |
| 19:42:30 | 18 43.1 | -51 54.0 | 325.1 | 339.3 | 4881 | 5161 | 7.7 | -11.1 | -3.6 | 104.3 | 111.3* | -0.6 | 250.7 | 340.3 | 7.3 | 168.4 |
| 19:43:00 | 18 42.5 | -51 58.9 | -137.8 | -99.3 | 169.8 | 5174 | 237.1 | 0.2 | 0.1 | 542.8 | 102.4 | 13.1 | 0.1 | -2.9 | -3.3 | -23.5 |
| 19:43:00 | 18 48.8 | -51 55.7 | -137.5 | -100.3 | 170.2 | 4874 | 237.3 | 0.2 | 0.0 | 548.9 | 102.4 | 12.9 | -0.8 | -0.3 | -0.4 | -37.5 |
| 19:43:01 | 18 41.5 | -51 56.4 | -136.4 | -99.9 | 169.1 | 5162 | -1.1 | -34.4 | -32.5 | 100.4 | 107.8 | -0.0 | -13.0 | 47.0 | 47.0 | 79.0 |
| 19:43:00 | 18 41.5 | -51 56.4 | 324.3 | 342.6 | 4880 | 5162 | 14.2 | -11.5 | -2.3 | 101.6 | 108.3 | -0.5 | 247.3 | 353.1 | 8.2 | 166.1 |
| 19:43:30 | 18 40.9 | -52 1.3 | -137.8 | -99.7 | 170.1 | 5175 | 237.1 | 0.1 | 0.1 | 542.8 | 103.2 | 12.8 | -0.3 | -2.2 | -2.5 | -23.3 |
| 19:43:30 | 18 47.1 | -51 58.0 | -137.6 | -100.7 | 170.5 | 4874 | 237.4 | 0.0 | -0.0 | 548.9 | 103.2 | 12.7 | -1.0 | -0.4 | -0.4 | -37.5 |
| 19:43:31 | 18 39.9 | -51 58.7 | -136.6 | -100.2 | 169.4 | 5160 | -1.3 | -33.9 | -33.2 | 101.6 | 108.7 | -0.0 | -13.1 | 47.0 | 47.0 | 86.5 |
| 19:43:30 | 18 39.9 | -51 58.7 | 323.8 | 343.2 | 4880 | 5162 | 4.9 | -9.3 | -1.3 | 102.5 | 109.0 | -0.5 | 248.3 | 349.1 | 8.8 | 166.6 |
| 19:44:00 | 18 39.3 | -52 3.6 | -138.4 | -99.2 | 170.3 | 5174 | 237.2 | 0.2 | 0.0 | 542.8 | 103.5 | 13.0 | -0.1 | -6.7 | -7.6 | -23.1 |
| 19:44:00 | 18 45.5 | -52 0.4 | -138.2 | -100.3 | 170.7 | 4881 | 237.4 | 0.2 | -0.1 | 549.0 | 103.5 | 12.8 | -0.9 | -3.5 | -4.0 | -37.6 |
| 19:44:01 | 18 38.2 | -52 1.1 | -137.1 | -99.8 | 169.6 | 5159 | -1.5 | -34.4 | -31.9 | 101.3 | 108.7 | -0.0 | -13.1 | 47.0 | 47.0 | 57.7 |
| 19:44:00 | 18 38.3 | -52 1.0 | 324.0 | 337.4 | 4879 | 5161 | 2.4 | -11.2 | -3.6 | 102.7 | 109.5* | -0.6 | 248.6 | 351.9 | 8.0 | 166.8 |
| 19:44:30 | 18 37.6 | -52 6.0 | -133.9 | -106.2 | 170.9 | 5178 | 235.6 | -0.1 | -2.5 | 542.7 | 105.6 | 13.2 | -0.2 | -1.0 | -1.2 | -23.0 |
| 19:44:30 | 18 43.8 | -52 2.7 | -133.7 | -107.3 | 171.4 | 4896 | 235.8 | -0.2 | -2.6 | 548.8 | 105.6 | 13.3 | -0.7 | 2.0 | 2.0 | -37.5 |
| 19:44:31 | 18 36.6 | -52 3.4 | -132.7 | -107.0 | 170.4 | 5162 | -1.1 | -40.1* | -36.9 | 103.4 | 111.1 | -0.0 | -13.4 | 47.0 | 47.0 | 94.6 |
| 19:44:30 | 18 36.6 | -52 3.3 | 323.9 | 345.2 | 4881 | 5165 | 0.8 | -15.2 | -3.0 | 104.6 | 111.4 | -0.5 | 251.0 | 337.4 | 10.2 | 168.5 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:45:00 | 18 35.9 | -52 8.2 | -132.3 | -109.2 | 171.5 | 5174 | 233.4 | -0.2 | -0.0 | 542.8 | 105.9 | 13.1 | -0.3 | -2.5 | -2.8 | -23.3 |
| 19:45:00 | 18 42.1 | -52 5.0 | -132.1 | -110.2 | 172.1 | 4893 | 233.6 | -0.1 | -0.1 | 548.9 | 105.9 | 13.4 | -0.7 | 0.1 | 0.1 | -37.5 |
| 19:45:01 | 18 34.8 | -52 5.6 | -131.2 | -109.9 | 171.1 | 5158 | -1.2 | -39.3 | -36.2 | 104.0 | 110.9 | -0.0 | -13.4 | 47.0 | 47.0 | 84.6 |
| 19:45:00 | 18 34.9 | -52 5.4 | 323.8 | 342.7 | 4880 | 5163 | 0.7 | -13.0 | -2.2 | 104.9 | 111.9 | -0.5 | 251.4 | 344.1 | 7.7 | 168.6 |
| 19:45:30 | 18 34.1 | -52 10.5 | -131.9 | -107.9 | 170.4 | 5176 | 233.0 | -0.0 | 0.3 | 542.7 | 106.2 | 13.4 | -0.0 | -6.7 | -7.5 | -23.0 |
| 19:45:30 | 18 40.3 | -52 7.2 | -131.8 | -109.0 | 171.0 | 4877 | 233.3 | -0.1 | 0.2 | 548.8 | 106.2 | 13.3 | -0.8 | -5.0 | -5.7 | -37.5 |
| 19:45:31 | 18 33.0 | -52 7.8 | -130.8 | -108.6 | 170.1 | 5158 | -1.5 | -38.6 | -34.1 | 103.8 | 110.9 | -0.0 | -13.5 | 47.0 | 47.0 | 57.8 |
| 19:45:30 | 18 33.0 | -52 7.8 | 324.1 | 337.6 | 4881 | 5165 | 17.1 | -10.4 | -3.6 | 105.2 | 112.3* | -0.6 | 251.8 | 336.6 | 6.1 | 168.9 |
| 19:46:00 | 18 32.4 | -52 12.7 | -131.3 | -106.9 | 169.4 | 5178 | 233.2 | -0.1 | 0.0 | 542.8 | 105.1 | 13.4 | 0.0 | -11.6 | -13.0 | -23.6 |
| 19:46:00 | 18 38.5 | -52 9.5 | -131.3 | -108.0 | 170.0 | 4902 | 233.4 | -0.1 | -0.1 | 548.9 | 105.2 | 13.1 | -0.9 | -8.3 | -9.4 | -37.5 |
| 19:46:01 | 18 31.3 | -52 10.1 | -130.4 | -107.7 | 169.1 | 5160 | -1.5 | -37.6 | -34.0 | 102.6 | 110.0 | -0.0 | -13.3 | 47.0 | 47.0 | 37.2 |
| 19:46:00 | 18 31.4 | -52 9.9 | 324.2 | 333.1 | 4880 | 5165 | 16.6 | -10.9 | -3.5 | 104.2 | 111.4* | -0.6 | 250.6 | 335.3 | 6.0 | 168.0 |
| 19:46:30 | 18 30.6 | -52 15.0 | -131.1 | -106.7 | 169.0 | 5175 | 233.3 | -0.1 | 0.0 | 543.0 | 102.1 | 13.9 | 0.9 | -11.9 | -13.3 | -23.0 |
| 19:46:30 | 18 36.8 | -52 11.7 | -131.1 | -107.8 | 169.7 | 4910 | 233.5 | -0.1 | -0.1 | 548.9 | 102.1 | 13.7 | 0.0 | -9.1 | -10.2 | -37.5 |
| 19:46:31 | 18 29.5 | -52 12.3 | -130.2 | -107.5 | 168.8 | 5160 | -0.6 | -35.0 | -32.7 | 99.7 | 107.7 | -0.0 | -13.0 | 47.0 | 47.0 | 34.0 |
| 19:46:30 | 18 29.5 | -52 12.2 | 325.2 | 334.0 | 4881 | 5165 | 23.5 | -10.7 | -3.2 | 101.2 | 107.9 | -0.6 | 247.0 | 349.3 | 6.8 | 165.9 |
| 19:47:00 | 18 28.9 | -52 17.2 | -130.5 | -105.8 | 168.0 | 5178 | 233.1 | -0.0 | 0.1 | 542.8 | 104.2 | 13.6 | 0.3 | -10.8 | -12.1 | -23.6 |
| 19:47:00 | 18 35.0 | -52 13.9 | -130.5 | -106.9 | 168.7 | 4880 | 233.4 | 0.0 | -0.0 | 548.8 | 104.3 | 13.3 | -0.5 | -8.1 | -9.1 | -37.5 |
| 19:47:01 | 18 27.8 | -52 14.5 | -129.6 | -106.7 | 167.9 | 5161 | -1.3 | -36.7 | -32.8 | 101.6 | 109.2 | -0.0 | -13.2 | 47.0 | 47.0 | 38.9 |
| 19:47:00 | 18 27.8 | -52 14.5 | 324.6 | 334.1 | 4882 | 5167 | 23.8 | -11.1 | -3.4 | 103.3 | 110.2 | -0.6 | 249.5 | 328.4 | 5.3 | 167.5 |
| 19:47:30 | 18 27.2 | -52 19.4 | -130.3 | -105.0 | 167.3 | 5178 | 233.1 | 0.1 | 0.1 | 542.9 | 103.2 | 13.5 | 0.3 | -11.1 | -12.4 | -23.5 |
| 19:47:30 | 18 33.3 | -52 16.2 | -130.4 | -106.0 | 168.1 | 4895 | 233.4 | -0.0 | 0.0 | 549.0 | 103.2 | 13.2 | -0.5 | -8.2 | -9.3 | -37.5 |
| 19:47:31 | 18 26.1 | -52 16.7 | -129.5 | -105.8 | 167.2 | 5161 | -1.3 | -35.1 | -32.2 | 100.7 | 108.5 | -0.0 | -13.1 | 47.0 | 47.0 | 38.1 |
| 19:47:30 | 18 26.1 | -52 16.7 | 324.6 | 333.9 | 4879 | 5166 | 23.7 | -11.0 | -3.4 | 102.3 | 109.1 | -0.6 | 248.3 | 331.2 | 4.7 | 166.6 |
| 19:48:00 | 18 25.5 | -52 21.6 | -130.3 | -103.8 | 166.6 | 5177 | 233.2 | -0.1 | 0.0 | 542.9 | 102.3 | 13.5 | 0.5 | -11.6 | -13.1 | -23.4 |
| 19:48:00 | 18 31.6 | -52 18.4 | -130.4 | -104.9 | 167.4 | 4886 | 233.4 | -0.1 | -0.1 | 548.9 | 102.4 | 13.2 | -0.4 | -8.5 | -9.6 | -37.5 |
| 19:48:01 | 18 24.3 | -52 18.9 | -129.6 | -104.7 | 166.6 | 5163 | -1.1 | -34.4 | -32.2 | 99.9 | 108.1 | -0.0 | -13.0 | 47.0 | 47.0 | 35.9 |
| 19:48:00 | 18 24.4 | -52 18.9 | 324.7 | 333.6 | 4880 | 5168 | 23.8 | -11.1 | -3.7 | 101.5 | 108.2 | -0.6 | 247.3 | 331.0 | 4.0 | 166.0 |
| 19:48:30 | 18 23.8 | -52 23.8 | -130.1 | -103.6 | 166.3 | 5177 | 233.2 | 0.0 | 0.2 | 542.9 | 103.9 | 13.5 | 0.3 | -11.3 | -12.7 | -23.2 |
| 19:48:30 | 18 29.9 | -52 20.6 | -130.3 | -104.7 | 167.1 | 4905 | 233.4 | -0.0 | 0.0 | 548.9 | 103.9 | 13.3 | -0.6 | -8.7 | -9.8 | -37.5 |
| 19:48:31 | 18 22.6 | -52 21.1 | -129.5 | -104.5 | 166.4 | 5158 | -1.2 | -35.7 | -32.0 | 101.2 | 108.9 | -0.0 | -13.2 | 47.0 | 47.0 | 37.2 |
| 19:48:30 | 18 22.7 | -52 21.1 | 324.5 | 333.7 | 4880 | 5166 | 23.4 | -11.4 | -3.4 | 102.9 | 109.8 | -0.6 | 249.1 | 311.4 | 4.0 | 167.1 |
| 19:49:00 | 18 22.1 | -52 26.1 | -129.6 | -103.0 | 165.5 | 5176 | 233.2 | -0.0 | 0.1 | 542.9 | 102.6 | 13.1 | 0.1 | -10.0 | -11.2 | -23.6 |
| 19:49:00 | 18 28.2 | -52 22.8 | -129.8 | -104.1 | 166.3 | 4883 | 233.4 | 0.0 | -0.0 | 548.8 | 102.6 | 12.9 | -0.8 | -7.2 | -8.2 | -37.5 |
| 19:49:01 | 18 20.9 | -52 23.3 | -129.0 | -103.9 | 165.7 | 5159 | -1.4 | -36.0 | -32.4 | 100.1 | 108.1 | -0.0 | -13.1 | 47.0 | 47.0 | 42.8 |
| 19:49:00 | 18 21.0 | -52 23.3 | 324.3 | 334.5 | 4881 | 5168 | 23.6 | -11.0 | -3.6 | 101.7 | 108.5 | -0.6 | 247.6 | 312.9 | 3.7 | 166.1 |
| 19:49:30 | 18 20.5 | -52 28.3 | -129.7 | -103.0 | 165.7 | 5178 | 233.2 | -0.0 | -0.0 | 543.0 | 101.1 | 13.2 | 0.3 | -11.6 | -13.0 | -23.6 |
| 19:49:30 | 18 26.5 | -52 25.0 | -130.0 | -104.1 | 166.5 | 4870 | 233.5 | -0.1 | -0.1 | 548.9 | 101.1 | 12.9 | -0.5 | -8.8 | -9.9 | -37.5 |
| 19:49:31 | 18 19.3 | -52 25.5 | -129.2 | -104.0 | 165.9 | 5158 | -1.3 | -34.0 | -31.6 | 98.7 | 107.0 | -0.0 | -12.9 | 47.0 | 47.0 | 36.4 |
| 19:49:30 | 18 19.3 | -52 25.5 | 324.5 | 333.5 | 4881 | 5168 | 23.6 | -11.6 | -3.7 | 100.2 | 106.8 | -0.6 | 245.8 | 333.7 | 3.6 | 165.0 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:50:00 | 18 18.8 | -52 30.5 | -129.8 | -102.7 | 165.5 | 5178 | 233.2 | 0.1 | 0.1 | 543.0 | 101.5 | 13.2 | 0.3 | -10.8 | -12.1 | -24.2 |
| 19:50:00 | 18 24.8 | -52 27.2 | -130.1 | -103.8 | 166.4 | 4895 | 233.4 | 0.2 | 0.0 | 548.9 | 101.5 | 13.0 | -0.6 | -8.0 | -9.0 | -37.5 |
| 19:50:01 | 18 17.6 | -52 27.7 | -129.3 | -103.8 | 165.8 | 5160 | -1.2 | -34.2 | -31.7 | 99.2 | 107.3 | -0.0 | -12.9 | 47.0 | 47.0 | 39.2 |
| 19:50:00 | 18 17.6 | -52 27.7 | 324.5 | 334.1 | 4880 | 5168 | 23.7 | -10.6 | -3.4 | 100.7 | 107.4 | -0.6 | 246.3 | 326.1 | 3.4 | 165.3 |
| 19:50:30 | 18 17.1 | -52 32.7 | -129.7 | -102.1 | 165.0 | 5178 | 233.2 | 0.1 | 0.1 | 543.0 | 101.8 | 13.3 | 0.3 | -11.3 | -12.7 | -23.4 |
| 19:50:30 | 18 23.1 | -52 29.5 | -130.0 | -103.1 | 165.9 | 4880 | 233.4 | -0.0 | -0.0 | 548.8 | 101.8 | 13.1

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:55:00 | 18 2.2 | -52 52.5 | -129.8 | -101.6 | 164.8 | 5177 | 233.2 | 0.1 | -0.1 | 543.1 | 101.8 | 12.8 | -0.2 | -12.8 | -14.3 | -24.3 |
| 19:55:00 | 18 8.1 | -52 49.3 | -130.3 | -102.6 | 165.9 | 4892 | 233.5 | 0.1 | -0.2 | 548.9 | 101.8 | 12.5 | -1.1 | -9.7 | -10.9 | -37.5 |
| 19:55:01 | 18 0.8 | -52 49.7 | -130.1 | -102.9 | 165.9 | 5156 | -1.8 | -34.2 | -31.7 | 99.5 | 106.9 | -0.0 | -13.0 | 47.0 | 47.0 | 33.9 |
| 19:55:00 | 18 0.9 | -52 49.6 | 323.9 | 332.0 | 4880 | 5169 | 24.0 | -10.8 | -3.4 | 101.0 | 107.7 | -0.6 | 246.7 | 310.7 | 2.7 | 165.4 |
| 19:55:30 | 18 0.6 | -52 54.7 | -129.6 | -101.7 | 164.8 | 5180 | 233.2 | 0.0 | -0.0 | 543.2 | 100.4 | 12.3 | -0.5 | -11.7 | -13.2 | -23.6 |
| 19:55:30 | 18 6.4 | -52 51.5 | -130.2 | -102.7 | 165.8 | 4899 | 233.5 | -0.0 | -0.1 | 548.8 | 100.4 | 12.0 | -1.4 | -9.2 | -10.3 | -37.5 |
| 19:55:31 | 17 59.2 | -52 51.9 | -130.0 | -103.0 | 165.9 | 5158 | -1.9 | -33.6 | -31.6 | 98.1 | 105.8 | -0.0 | -12.8 | 47.0 | 47.0 | 38.2 |
| 19:55:30 | 17 59.2 | -52 51.8 | 323.6 | 332.4 | 4881 | 5171 | 23.9 | -10.4 | -3.4 | 99.5 | 106.1 | -0.6 | 245.0 | 334.4 | 2.8 | 164.2 |
| 19:56:00 | 17 58.9 | -52 56.9 | -129.6 | -101.7 | 164.7 | 5178 | 233.3 | 0.2 | 0.1 | 543.3 | 100.1 | 12.4 | -0.3 | -13.2 | -14.8 | -23.5 |
| 19:56:00 | 18 4.7 | -52 53.7 | -130.1 | -102.7 | 165.8 | 4899 | 233.5 | 0.3 | -0.0 | 548.9 | 100.1 | 12.2 | -1.2 | -10.3 | -11.6 | -37.5 |
| 19:56:01 | 17 57.5 | -52 54.1 | -129.9 | -103.1 | 165.9 | 5158 | -1.9 | -33.5 | -31.5 | 97.8 | 105.6 | -0.0 | -12.8 | 47.0 | 47.0 | 33.0 |
| 19:56:00 | 17 57.5 | -52 54.0 | 323.8 | 331.6 | 4880 | 5170 | 24.2 | -10.8 | -3.4 | 99.3 | 105.8 | -0.6 | 244.6 | 337.1 | 3.0 | 164.0 |
| 19:56:30 | 17 57.3 | -52 59.1 | -129.6 | -101.3 | 164.5 | 5181 | 233.2 | 0.1 | 0.1 | 543.1 | 101.5 | 12.6 | -0.3 | -12.5 | -14.0 | -23.2 |
| 19:56:30 | 18 3.1 | -52 56.0 | -130.2 | -102.2 | 165.5 | 4905 | 233.4 | 0.0 | -0.0 | 548.8 | 101.5 | 12.3 | -1.2 | -9.8 | -11.0 | -37.5 |
| 19:56:31 | 17 55.8 | -52 56.3 | -130.1 | -102.7 | 165.7 | 5161 | -1.8 | -34.1 | -31.6 | 99.1 | 106.6 | -0.0 | -12.9 | 47.0 | 47.0 | 35.2 |
| 19:56:30 | 17 55.8 | -52 56.3 | 323.8 | 332.0 | 4881 | 5172 | 24.1 | -11.2 | -3.4 | 100.6 | 107.3 | -0.6 | 246.3 | 309.0 | 2.4 | 165.1 |
| 19:57:00 | 17 55.6 | -53 1.3 | -129.6 | -101.0 | 164.3 | 5179 | 233.2 | 0.1 | -0.0 | 543.2 | 101.5 | 12.3 | -0.6 | -12.2 | -13.7 | 0.1 |
| 19:57:00 | 18 1.4 | -52 58.2 | -130.2 | -102.0 | 165.3 | 4897 | 233.5 | 0.2 | -0.1 | 548.9 | 101.5 | 12.0 | -1.4 | -9.5 | -10.7 | 0.1 |
| 19:57:01 | 17 54.1 | -52 58.5 | -130.1 | -102.5 | 165.6 | 5164 | -2.2 | -34.5 | -31.7 | 99.1 | 106.6 | -0.0 | -12.9 | 47.0 | 47.0 | 36.6 |
| 19:57:00 | 17 54.2 | -52 58.5 | 323.5 | 331.9 | 4880 | 5171 | 23.9 | -10.9 | -3.4 | 100.6 | 107.3 | -0.6 | 246.3 | 306.3 | 2.4 | 165.0 |
| 19:57:30 | 17 54.0 | -53 3.5 | -129.4 | -100.6 | 163.9 | 5180 | 233.1 | 0.1 | 0.1 | 543.1 | 102.1 | 12.0 | -1.0 | -11.7 | -13.1 | 0.1 |
| 19:57:30 | 17 59.8 | -53 0.4 | -130.0 | -101.5 | 164.9 | 4904 | 233.4 | 0.1 | 0.0 | 548.8 | 102.1 | 11.7 | -1.8 | -9.0 | -10.1 | 0.1 |
| 19:57:31 | 17 52.5 | -53 0.7 | -130.1 | -102.0 | 165.3 | 5169 | -2.4 | -35.6 | -32.0 | 99.6 | 106.9 | -0.0 | -13.0 | 47.0 | 47.0 | 39.7 |
| 19:57:30 | 17 52.5 | -53 0.7 | 323.0 | 331.9 | 4881 | 5173 | 23.8 | -11.3 | -3.6 | 101.2 | 107.9 | -0.6 | 247.0 | 278.3 | 2.0 | 165.4 |
| 19:58:00 | 17 52.4 | -53 5.7 | -129.5 | -100.6 | 164.0 | 5181 | 233.3 | -0.0 | -0.1 | 543.2 | 100.0 | 12.3 | -0.4 | -13.0 | -14.6 | 0.1 |
| 19:58:00 | 17 58.1 | -53 2.6 | -130.1 | -101.4 | 165.0 | 4924 | 233.5 | -0.0 | -0.3 | 548.8 | 100.0 | 12.1 | -1.3 | -10.2 | -11.4 | 0.1 |
| 19:58:01 | 17 50.8 | -53 2.9 | -130.2 | -102.0 | 165.4 | 5166 | -2.0 | -34.5 | -31.9 | 97.8 | 105.5 | -0.0 | -12.8 | 47.0 | 47.0 | 33.7 |
| 19:58:00 | 17 50.9 | -53 2.9 | 323.7 | 331.6 | 4882 | 5172 | 22.1 | -10.5 | -3.5 | 99.2 | 105.7 | -0.6 | 244.6 | 322.8 | 2.2 | 164.0 |
| 19:58:30 | 17 50.7 | -53 7.9 | -129.7 | -101.0 | 164.4 | 5180 | 233.3 | 0.1 | 0.1 | 543.3 | 100.0 | 12.7 | -0.0 | -13.9 | -15.5 | 0.1 |
| 19:58:30 | 17 56.5 | -53 4.8 | -130.3 | -101.9 | 165.4 | 4903 | 233.5 | 0.0 | -0.1 | 548.8 | 100.1 | 12.5 | -0.9 | -11.1 | -12.4 | 0.1 |
| 19:58:31 | 17 49.2 | -53 5.1 | -130.4 | -102.5 | 165.9 | 5164 | -1.5 | -33.6 | -31.6 | 97.8 | 105.5 | -0.0 | -12.8 | 47.0 | 47.0 | 30.3 |
| 19:58:30 | 17 49.2 | -53 5.1 | 324.2 | 331.5 | 4881 | 5172 | 22.4 | -10.1 | -3.3 | 99.2 | 105.8 | -0.6 | 244.6 | 329.9 | 2.5 | 164.1 |
| 19:59:00 | 17 49.1 | -53 10.1 | -129.0 | -101.5 | 164.1 | 5180 | 233.2 | 0.0 | -0.1 | 543.2 | 101.1 | 13.9 | 0.9 | -19.7 | -21.9 | 0.1 |
| 19:59:00 | 17 54.8 | -53 7.0 | -129.6 | -102.3 | 165.1 | 4942 | 233.4 | 0.1 | -0.2 | 548.8 | 101.1 | 13.6 | 0.1 | -21.3 | -23.7 | 0.1 |
| 19:59:01 | 17 47.5 | -53 7.3 | -129.8 | -103.0 | 165.7 | 5164 | -0.7 | -34.3 | -31.6 | 98.9 | 106.3 | -0.0 | -12.9 | 47.0 | 47.0 | 16.3 |
| 19:59:00 | 17 47.5 | -53 7.3 | 325.3 | 329.7 | 4881 | 5172 | 23.3 | -9.8 | -3.1 | 100.3 | 106.9 | -0.6 | 245.8 | 304.5 | 3.3 | 165.2 |
| 19:59:30 | 17 47.4 | -53 12.3 | -129.2 | -101.4 | 164.2 | 5181 | 233.1 | -0.0 | 0.2 | 543.3 | 100.3 | 13.1 | 0.3 | -18.8 | -20.9 | 0.1 |
| 19:59:30 | 17 53.1 | -53 9.2 | -129.8 | -102.1 | 165.2 | 4912 | 233.4 | -0.1 | 0.1 | 548.8 | 100.3 | 12.8 | -0.6 | -16.5 | -18.5 | 0.1 |
| 19:59:31 | 17 45.8 | -53 9.5 | -130.1 | -102.8 | 165.8 | 5164 | -1.0 | -34.2 | -31.9 | 98.0 | 105.7 | -0.0 | -12.8 | 47.0 | 47.0 | 18.7 |
| 19:59:30 | 17 45.9 | -53 9.5 | 324.6 | 329.3 | 4882 | 5173 | 23.2 | -10.6 | -3.4 | 99.5 | 106.0 | -0.6 | 244.9 | 320.1 | 2.5 | 164.4 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:00:00 | 17 45.8 | -53 14.4 | -128.4 | -100.9 | 163.3 | 5181 | 233.2 | 0.1 | -0.0 | 543.4 | 98.4 | 13.4 | 0.8 | -22.4 | -24.9 | 0.1 |
| 20:00:00 | 17 51.5 | -53 11.4 | -129.0 | -101.6 | 164.2 | 4945 | 233.4 | 0.1 | -0.1 | 548.9 | 98.4 | 13.1 | -0.0 | -22.5 | -25.0 | 0.1 |
| 20:00:01 | 17 44.2 | -53 11.7 | -129.3 | -102.3 | 164.9 | 5163 | -0.8 | -33.1 | -31.7 | 96.3 | 104.5 | -0.0 | -12.6 | 47.0 | 47.0 | 12.7 |
| 20:00:00 | 17 44.2 | -53 11.7 | 325.2 | 328.6 | 4880 | 5172 | 23.2 | -10.5 | -3.4 | 97.6 | 104.1 | -0.6 | 242.6 | 328.8 | 2.9 | 163.0 |
| 20:00:30 | 17 44.2 | -53 16.6 | -127.3 | -100.1 | 162.0 | 5179 | 233.5 | 0.4 | -0.2 | 543.6 | 95.3 | 13.0 | 0.7 | -24.0 | -26.6 | 0.1 |
| 20:00:30 | 17 49.8 | -53 13.6 | -128.0 | -100.8 | 162.9 | 4946 | 233.7 | 0.3 | -0.4 | 548.9 | 95.3 | 12.7 | -0.1 | -20.2 | -22.5 | 0.0 |
| 20:00:31 | 17 42.5 | -53 13.9 | -128.3 | -101.6 | 163.7 | 5166 | -0.9 | -28.3 | -29.0 | 93.4 | 102.4 | -0.0 | -12.2 | 47.0 | 47.0 | 10.9 |
| 20:00:30 | 17 42.5 | -53 13.9 | 325.1 | 328.0 | 4880 | 5171 | 16.1 | -10.8 | -3.4 | 94.6 | 100.8 | -0.6 | 239.0 | 345.7 | 3.7 | 160.6 |
| 20:01:00 | 17 42.5 | -53 18.8 | -126.7 | -100.1 | 161.4 | 5180 | 233.4 | 0.1 | -0.1 | 543.4 | 95.3 | 13.1 | 0.8 | -25.2 | -27.9 | 0.1 |
| 20:01:00 | 17 48.2 | -53 15.7 | -127.3 | -100.8 | 162.4 | 4924 | 233.6 | 0.1 | -0.2 | 548.8 | 95.3 | 12.8 | 0.0 | -22.7 | -25.2 | 0.1 |
| 20:01:01 | 17 40.9 | -53 16.1 | -127.8 | -101.6 | 163.2 | 5167 | -0.7 | -30.3 | -29.6 | 93.4 | 102.0 | -0.0 | -12.2 | 47.0 | 47.0 | 9.6 |
| 20:01:00 | 17 40.9 | -53 16.0 | 325.2 | 327.9 | 4882 | 5172 | 22.8 | -10.0 | -3.2 | 94.6 | 100.7 | -0.6 | 238.9 | 336.0 | 3.8 | 160.6 |
| 20:01:30 | 17 40.9 | -53 20.9 | -127.4 | -98.3 | 160.9 | 5181 | 233.8 | 0.1 | 1.1 | 543.4 | 94.8 | 12.5 | 0.3 | -23.7 | -26.3 | 0.1 |
| 20:01:30 | 17 46.6 | -53 17.9 | -128.0 | -98.9 | 161.8 | 4941 | 234.1 | 0.0 | 1.0 | 548.8 | 94.8 | 12.2 | -0.5 | -24.3 | -27.0 | 0.1 |
| 20:01:31 | 17 39.2 | -53 18.2 | -128.5 | -99.7 | 162.7 | 5168 | -1.1 | -30.0 | -29.1 | 92.8 | 101.2 | -0.0 | -12.2 | 47.0 | 47.0 | 11.5 |
| 20:01:30 | 17 39.2 | -53 18.2 | 324.6 | 327.7 | 4882 | 5172 | 22.0 | -11.6 | -3.8 | 94.0 | 100.2 | -0.6 | 238.3 | 341.2 | 2.9 | 160.0 |
| 20:02:00 | 17 39.3 | -53 23.1 | -128.6 | -96.4 | 160.7 | 5179 | 234.6 | 0.3 | 0.2 | 543.6 | 94.0 | 12.4 | 0.3 | -22.6 | -25.1 | 0.1 |
| 20:02:00 | 17 45.0 | -53 20.1 | -129.3 | -97.0 | 161.6 | 4938 | 234.8 | 0.3 | 0.1 | 548.8 | 94.0 | 12.1 | -0.5 | -20.4 | -22.7 | 0.0 |
| 20:02:01 | 17 37.6 | -53 20.4 | -129.8 | -97.9 | 162.6 | 5177 | -1.1 | -29.0 | -27.9 | 92.3 | 100.5 | -0.0 | -12.1 | 47.0 | 47.0 | 12.9 |
| 20:02:00 | 17 37.6 | -53 20.4 | 324.6 | 327.9 | 4881 | 5171 | 22.9 | -9.6 | -3.1 | 93.3 | 99.4 | -0.6 | 237.4 | 347.8 | 3.3 | 159.4 |
| 20:02:30 | 17 37.8 | -53 25.3 | -128.3 | -96.1 | 160.3 | 5182 | 234.9 | 0.2 | -0.2 | 543.5 | 92.8 | 12.7 | 0.7 | -24.4 | -27.1 | 0.1 |
| 20:02:30 | 17 43.4 | -53 22.3 | -128.9 | -96.7 | 161.1 | 4950 | 235.1 | 0.1 | -0.3 | 548.7 | 92.8 | 12.4 | -0.1 | -25.7 | -28.5 | 0.0 |
| 20:02:31 | 17 36.0 | -53 22.6 | -129.5 | -97.6 | 162.2 | 5175 | -0.9 | -28.5 | -28.2 | 91.2 | 99.8 | -0.0 | -11.9 | 47.0 | 47.0 | 10.5 |
| 20:02:30 | 17 36.0 | -53 22.6 | 325.1 | 327.9 | 4882 | 5172 | 22.7 | -9.1 | -2.9 | 92.1 | 98.1 | -0.6 | 235.9 | 347.9 | 4.3 | 158.6 |
| 20:03:00 | 17 36.2 | -53 27.4 | -127.6 | -96.4 | 159.9 | 5179 | 234.7 | 0.3 | 0.0 | 543.6 | 92.7 | 12.9 | 0.9 | -23.1 | -25.6 | 0.1 |
| 20:03:00 | 17 41.8 | -53 24.4 | -128.3 | -96.9 | 160.8 | 4955 | 234.9 | 0.4 | -0.1 | 548.8 | 92.7 | 12.6 | 0.1 | -22.9 | -25.4 | 0.0 |
| 20:03:01 | 17 34.4 | -53 24.8 | -129.0 | -97.9 | 161.9 | 5176 | -0.6 | -27.3 | -27.5 | 91.0 | 99.3 | -0.0 | -11.9 | 47.0 | 47.0 | 11.8 |
| 20:03:00 | 17 34.5 | -53 24.8 | 325.3 | 328.5 | 4882 | 5172 | 22.7 | -10.3 | -3.3 | 92.0 | 98.0 | -0.6 | 235.7 | 344.8 | 4.0 | 158.5 |
| 20:03:30 | 17 34.6 | -53 29.6 | -127.6 | -96.0 | 159.7 | 5179 | 234.6 | 0.3 | 0.0 | 543.6 | 92.7 | 13.1 | 1.1 | -24.7 | -27.3 | 0.0 |
| 20:03:30 | 17 40.3 | -53 26.6 | -128.3 | -96.5 | 160.5 | 4943 | 234.9 | 0.2 | -0.1 | 548.8 | 92.7 | 12.8 | 0.3 | -28.6 | -31.6 | 0.0 |
| 20:03:31 | 17 32.8 | -53 27.0 | -129.0 | -97.5 | 161.7 | 5176 | -0.5 | -28.3 | -27.8 | 91.0 | 99.2 | -0.0 | -11.9 | 47.0 | 47.0 | 9.9 |
| 20:03:30 | 17 32.9 | -53 27.0 | 325.5 | 328.3 | 4882 | 5172 | 22.6 | -10.3 | -3.3 | 92.0 | 98.0 | -0.6 | 235.7 | 343.4 | 3.4 | 158.6 |
| 20:04:00 | 17 33.1 | -53 31.8 | -127.9 | -95.7 | 159.7 | 5179 | 234.7 | 0.4 | -0.0 | 543.6 | 92.7 | 12.8 | 0.8 | -23.3 | -25.9 | 0.0 |
| 20:04:00 | 17 38.7 | -53 28.8 | -128.5 | -96.2 | 160.5 | 4945 | 234.9 | 0.4 | -0.1 | 548.8 | 92.7 | 12.5 | 0.0 | -22.9 | -25.4 | 0.0 |
| 20:04:01 | 17 31.3 | -53 29.2 | -129.3 | -97.2 | 161.8 | 5170 | -0.7 | -26.7 | -27.4 | 91.1 | 99.4 | -0.0 | -11.9 | 47.0 | 47.0 | 11.6 |
| 20:04:00 | 17 31.3 | -53 29.1 | 325.2 | 328.4 | 4881 | 5171 | 22.8 | -10.1 | -3.2 | 92.1 | 98.1 | -0.6 | 235.8 | 345.1 | 3.5 | 158.5 |
| 20:04:30 | 17 31.5 | -53 33.9 | -128.0 | -95.2 | 159.5 | 5178 | 234.6 | 0.5 | 0.1 | 543.7 | 92.5 | 12.4 | 0.5 | -24.2 | -26.9 | 0.1 |
| 20:04:30 | 17 37.1 | -53 31.0 | -128.6 | -95.6 | 160.2 | 4940 | 234.9 | 0.4 | -0.0 | 548.9 | 92.5 | 12.1 | -0.3 | -22.5 | -25.0 | 0.0 |
| 20:04:31 | 17 29.7 | -53 31.4 | -129.4 | -96.7 | 161.5 | 5167 | -0.9 | -26.7 | -27.4 | 90.8 | 99.2 | -0.0 | -11.9 | 47.0 | 47.0 | 10.9 |
| 20:04:30 | 17 29.7 | -53 31.3 | 324.8 | 327.7 | 4881 | 5170 | 8.2 | -10.6 | -3.3 | 91.9 | 97.8 | -0.6 | 235.5 | 352.9 | 2.7 | 158.2 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:05:00 | 17 30.0 | -53 36.1 | -127.8 | -94.9 | 159.2 | 5180 | 234.8 | 0.3 | -0.1 | 543.6 | 92.9 | 11.7 | -0.3 | -8.0 | -9.0 | 0.1 |
| 20:05:00 | 17 35.6 | -53 33.2 | -128.5 | -95.3 | 159.9 | 4962 | 235.0 | 0.4 | -0.2 | 548.8 | 92.9 | 11.4 | -1.1 | -6.3 | -7.1 | 0.0 |
| 20:05:01 | 17 28.1 | -53 33.6 | -129.3 | -96.4 | 161.3 | 5168 | -1.7 | -28.3 | -27.9 | 91.1 | 99.4 | -0.0 | -11.9 | 47.0 | 47.0 | 52.3 |
| 20:05:00 | 17 28.1 | -53 33.5 | 323.9 | 335.9 | 4882 | 5172 | 23.1 | -10.2 | -3.3 | 92.2 | 98.2 | -0.6 | 236.0 | 340.6 | 2.8 | 158.4 |
| 20:05:30 | 17 28.5 | -53 38.2 | -127.7 | -95.4 | 159.3 | 5180 | 234.8 | 0.3 | -0.1 | 543.7 | 91.7 | 12.5 | 0.7 | -12.9 | -14.4 | 0.1 |
| 20:05:30 | 17 34.0 | -53 35.3 | -128.3 | -95.7 | 160.0 | 4954 | 235.1 | 0.2 | -0.2 | 548.8 | 91.6 | 12.2 | -0.1 | -11.0 | -12.4 | 0.0 |
| 20:05:31 | 17 26.6 | -53 35.7 | -129.2 | -96.8 | 161.5 | 5167 | -0.6 | -26.4 | -27.4 | 90.0 | 98.6 | -0.0 | -11.8 | 47.0 | 47.0 | 31.6 |
| 20:05:30 | 17 26.6 | -53 35.7 | 325.0 | 333.0 | 4882 | 5172 | 23.2 | -10.7 | -3.5 | 91.0 | 96.9 | -0.6 | 234.4 | 351.9 | 3.7 | 157.7 |
| 20:06:00 | 17 26.9 | -53 40.4 | -128.3 | -95.3 | 159.8 | 5180 | 234.6 | 0.3 | 0.2 | 543.6 | 92.6 | 12.0 | 0.0 | -7.2 | -8.1 | 0.1 |
| 20:06:00 | 17 32.5 | -53 37.5 | -128.9 | -95.6 | 160.4 | 4930 | 234.8 | 0.3 | 0.1 | 548.8 | 92.6 | 11.6 | -0.8 | -7.0 | -7.9 | 0.0 |
| 20:06:01 | 17 25.0 | -53 37.9 | -129.9 | -96.7 | 161.9 | 5169 | -1.4 | -27.5 | -27.4 | 90.9 | 99.1 | -0.0 | -11.9 | 47.0 | 47.0 | 54.7 |
| 20:06:00 | 17 25.0 | -53 37.9 | 324.2 | 337.1 | 4882 | 5173 | 23.5 | -10.1 | -3.2 | 91.9 | 97.9 | -0.6 | 235.6 | 358.3 | 2.6 | 158.3 |
| 20:06:30 | 17 25.4 | -53 42.6 | -128.7 | -94.9 | 159.9 | 5180 | 234.7 | 0.2 | 0.1 | 543.6 | 92.9 | 12.3 | 0.4 | -16.0 | -17.9 | 0.1 |
| 20:06:30 | 17 30.9 | -53 39.7 | -129.3 | -95.1 | 160.5 | 4958 | 234.9 | 0.2 | -0.1 | 548.8 | 92.9 | 12.0 | -0.4 | -12.5 | -14.0 | 0.1 |
| 20:06:31 | 17 23.4 | -53 40.1 | -130.4 | -96.4 | 162.1 | 5166 | -1.1 | -27.9 | -27.6 | 91.2 | 99.3 | -0.0 | -11.9 | 47.0 | 47.0 | 24.1 |
| 20:06:30 | 17 23.4 | -53 40.1 | 324.7 | 330.8 | 4882 | 5173 | 23.7 | -10.3 | -3.3 | 92.3 | 98.2 | -0.6 | 236.0 | 359.0 | 2.4 | 158.6 |
| 20:07:00 | 17 23.8 | -53 44.8 | -128.8 | -94.9 | 160.0 | 5181 | 234.7 | 0.3 | -0.1 | 543.7 | 92.5 | 12.4 | 0.5 | -17.4 | -19.4 | 0.1 |
| 20:07:00 | 17 29.4 | -53 41.9 | -129.4 | -95.2 | 160.6 | 4928 | 235.0 | 0.3 | -0.2 | 548.8 | 92.5 | 12.1 | -0.3 | -15.5 | -17.3 | 0.0 |
| 20:07:01 | 17 21.8 | -53 42.3 | -130.5 | -96.4 | 162.2 | 5166 | -1.0 | -27.2 | -27.6 | 90.8 | 99.1 | -0.0 | -11.9 | 47.0 | 47.0 | 21.0 |
| 20:07:00 | 17 21.9 | -53 42.3 | 324.8 | 330.2 | 4881 | 5173 | 23.8 | -10.2 | -3.2 | 91.8 | 97.8 | -0.6 | 235.5 | 6.1 | 2.7 | 158.3 |
| 20:07:30 | 17 22.3 | -53 46.9 | -129.1 | -95.1 | 160.3 | 5179 | 234.8 | 0.4 | -0.1 | 543.7 | 92.3 | 12.6 | 0.6 | -19.3 | -21.5 | 0.1 |
| 20:07:30 | 17 27.8 | -53 44.1 | -129.6 | -95.3 | 160.9 | 4940 | 235.1 | 0.4 | -0.2 | 548.8 | 92.3 | 12.2 | -0.1 | -16.2 | -18.1 | 0.0 |
| 20:07:31 | 17 20.3 | -53 44.6 | -130.7 | -96.5 | 162.5 | 5165 | -0.9 | -25.5 | -27.1 | 90.6 | 99.1 | -0.0 | -11.9 | 47.0 | 47.0 | 17.4 |
| 20:07:30 | 17 20.3 | -53 44.5 | 325.0 | 329.5 | 4881 | 5172 | 24.0 | -10.5 | -3.3 | 91.7 | 97.6 | -0.6 | 235.2 | 11.6 | 3.0 | 158.1 |
| 20:08:00 | 17 20.7 | -53 49.1 | -128.9 | -95.4 | 160.4 | 5183 | 234.8 | 0.3 | -0.0 | 543.7 | 92.2 | 12.7 | 0.8 | -22.8 | -25.3 | 0.1 |
| 20:08:00 | 17 26.3 | -53 46.3 | -129.4 | -95.6 | 160.9 | 4952 | 235.0 | 0.3 | -0.2 | 548.8 | 92.2 | 12.4 | 0.0 | -24.6 | -27.3 | 0.0 |
| 20:08:01 | 17 18.7 | -53 46.8 | -130.6 | -96.9 | 162.6 | 5166 | -0.6 | -27.9 | -27.6 | 90.5 | 98.7 | -0.0 | -11.9 | 47.0 | 47.0 | 12.2 |
| 20:08:00 | 17 18.7 | -53 46.7 | 325.2 | 328.5 | 4882 | 5173 | 24.1 | -10.5 | -3.4 | 91.5 | 97.4 | -0.6 | 235.1 | 7.7 | 3.4 | 158.1 |
| 20:08:30 | 17 19.2 | -53 51.3 | -128.6 | -95.4 | 160.1 | 5181 | 234.8 | 0.4 | -0.1 | 543.7 | 91.8 | 12.9 | 1.0 | -19.6 | -21.8 | 0.1 |
| 20:08:30 | 17 24.7 | -53 48.5 | -129.2 | -95.5 | 160.6 | 4935 | 235.0 | 0.3 | -0.2 | 548.8 | 91.8 | 12.6 | 0.2 | -18.2 | -20.3 | 0.0 |
| 20:08:31 | 17 17.1 | -53 49.0 | -130.4 | -96.8 | 162.4 | 5164 | -0.7 | -27.0 | -27.5 | 90.1 | 98.6 | -0.0 | -11.8 | 47.0 | 47.0 | 16.4 |
| 20:08:30 | 17 17.2 | -53 48.9 | 325.4 | 329.8 | 4881 | 5172 | 24.3 | -10.5 | -3.3 | 91.2 | 97.0 | -0.6 | 234.6 | 6.7 | 3.5 | 157.8 |
| 20:09:00 | 17 17.6 | -53 53.5 | -128.8 | -95.0 | 160.1 | 5181 | 234.7 | 0.2 | 0.0 | 543.6 | 92.5 | 12.6 | 0.7 | -20.6 | -22.9 | 0.1 |
| 20:09:00 | 17 23.2 | -53 50.6 | -129.3 | -95.1 | 160.5 | 4952 | 234.9 | 0.2 | -0.1 | 548.7 | 92.5 | 12.3 | -0.1 | -17.6 | -19.6 | 0.0 |
| 20:09:01 | 17 15.6 | -53 51.2 | -130.6 | -96.4 | 162.3 | 5165 | -0.8 | -28.6 | -27.9 | 90.8 | 99.0 | -0.0 | -11.9 | 47.0 | 47.0 | 15.3 |
| 20:09:00 | 17 15.6 | -53 51.1 | 325.0 | 329.1 | 4882 | 5172 | 24.3 | -10.2 | -3.3 | 91.8 | 97.8 | -0.6 | 235.5 | 8.0 | 2.6 | 158.3 |
| 20:09:30 | 17 16.1 | -53 55.7 | -128.8 | -94.6 | 159.9 | 5180 | 234.6 | 0.2 | -0.0 | 543.7 | 92.2 | 12.6 | 0.7 | -20.9 | -23.2 | 0.1 |
| 20:09:30 | 17 21.7 | -53 52.8 | -129.3 | -94.6 | 160.3 | 4932 | 234.9 | 0.2 | -0.1 | 548.7 | 92.2 | 12.3 | -0.1 | -17.4 | -19.4 | 0.1 |
| 20:09:31 | 17 14.0 | -53 53.4 | -130.6 | -96.0 | 162.1 | 5165 | -0.9 | -27.3 | -27.5 | 90.5 | 98.7 | -0.0 | -11.9 | 47.0 | 47.0 | 14.9 |
| 20:09:30 | 17 14.0 | -53 53.3 | 325.1 | 329.0 | 4882 | 5172 | 24.7 | -9.9 | -3.1 | 91.5 | 97.4 | -0.6 | 235.1 | 14.0 | 2.4 | 158.0 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:10:00 | 17 14.6 | -53 57.8 | -129.1 | -94.8 | 160.2 | 5181 | 234.8 | 0.3 | -0.0 | 543.8 | 91.7 | 12.6 | 0.7 | -19.3 | -21.5 | 0.1 |
| 20:10:00 | 17 20.1 | -53 55.0 | -129.6 | -94.8 | 160.5 | 4946 | 235.0 | 0.3 | -0.1 | 548.8 | 91.7 | 12.3 | -0.0 | -15.4 | -17.2 | 0.1 |
| 20:10:01 | 17 12.4 | -53 55.6 | -130.9 | -96.2 | 162.4 | 5165 | -0.8 | -27.6 | -27.5 | 90.0 | 98.4 | -0.0 | -11.8 | 47.0 | 47.0 | 17.3 |
| 20:10:00 | 17 12.5 | -53 55.6 | 325.1 | 329.7 | 4881 | 5171 | 24.6 | -10.3 | -3.3 | 91.0 | 96.9 | -0.6 | 234.5 | 17.2 | 3.2 | 157.6 |
| 20:10:30 | 17 13.0 | -54 0.0 | -129.2 | -95.2 | 160.5 | 5178 | 234.7 | 0.4 | 0.1 | 543.8 | 91.8 | 12.6 | 0.8 | -22.0 | -24.4 | 0.1 |
| 20:10:30 | 17 18.6 | -53 57.2 | -129.6 | -95.1 | 160.8 | 4954 | 235.0 | 0.3 | -0.0 | 548.8 | 91.8 | 12.3

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:15:00 | 16 59.2 | -54 19.8 | -130.2 | -94.5 | 160.9 | 5181 | 234.9 | 0.3 | -0.1 | 543.8 | 91.4 | 12.9 | 1.1 | -21.3 | -23.7 | 0.1 |
| 20:15:00 | 17 4.8 | -54 17.0 | -130.4 | -94.1 | 160.8 | 4935 | 235.2 | 0.3 | -0.2 | 548.8 | 91.4 | 12.6 | 0.3 | -18.7 | -20.8 | 0.0 |
| 20:15:01 | 16 56.9 | -54 17.8 | -132.1 | -95.6 | 163.0 | 5167 | -0.5 | -26.6 | -27.4 | 89.8 | 98.3 | -0.0 | -11.8 | 47.0 | 47.0 | 13.9 |
| 20:15:00 | 16 56.9 | -54 17.8 | 325.5 | 329.3 | 4882 | 5173 | 24.1 | -10.3 | -3.3 | 90.8 | 96.7 | -0.6 | 234.1 | 32.7 | 3.7 | 157.5 |
| 20:15:30 | 16 57.7 | -54 22.0 | -130.3 | -94.5 | 161.0 | 5181 | 234.8 | 0.2 | 0.1 | 543.7 | 92.4 | 13.3 | 1.4 | -23.6 | -26.2 | 0.0 |
| 20:15:30 | 17 3.3 | -54 19.2 | -130.4 | -94.0 | 160.8 | 4941 | 235.1 | 0.1 | -0.1 | 548.8 | 92.4 | 13.0 | 0.6 | -25.1 | -27.8 | 0.0 |
| 20:15:31 | 16 55.3 | -54 20.0 | -132.1 | -95.5 | 163.1 | 5168 | -0.3 | -27.8 | -27.5 | 90.7 | 98.8 | -0.0 | -11.9 | 47.0 | 47.0 | 10.8 |
| 20:15:30 | 16 55.4 | -54 20.0 | 325.9 | 328.9 | 4882 | 5174 | 25.0 | -10.1 | -3.2 | 91.7 | 97.7 | -0.6 | 235.3 | 32.2 | 2.8 | 158.4 |
| 20:16:00 | 16 56.1 | -54 24.2 | -130.3 | -94.9 | 161.2 | 5177 | 235.0 | 0.3 | -0.2 | 543.8 | 92.8 | 13.5 | 1.5 | -24.9 | -27.6 | 0.1 |
| 20:16:00 | 17 1.7 | -54 21.4 | -130.5 | -94.4 | 161.0 | 4943 | 235.2 | 0.3 | -0.3 | 548.9 | 92.8 | 13.2 | 0.7 | -29.8 | -32.9 | 0.0 |
| 20:16:01 | 16 53.8 | -54 22.3 | -132.2 | -95.9 | 163.3 | 5166 | -0.1 | -27.5 | -27.5 | 91.1 | 99.2 | -0.0 | -11.9 | 47.0 | 47.0 | 9.4 |
| 20:16:00 | 16 53.8 | -54 22.2 | 326.0 | 328.8 | 4880 | 5172 | 25.0 | -10.3 | -3.3 | 92.1 | 98.1 | -0.6 | 235.8 | 18.0 | 3.2 | 158.7 |
| 20:16:30 | 16 54.6 | -54 26.4 | -130.3 | -95.1 | 161.3 | 5177 | 234.9 | 0.3 | -0.1 | 543.8 | 93.1 | 13.6 | 1.6 | -25.7 | -28.4 | 0.1 |
| 20:16:30 | 17 0.2 | -54 23.6 | -130.4 | -94.5 | 161.1 | 4945 | 235.2 | 0.2 | -0.2 | 548.9 | 93.1 | 13.3 | 0.8 | -30.6 | -33.7 | 0.0 |
| 20:16:31 | 16 52.2 | -54 24.5 | -132.1 | -96.1 | 163.4 | 5164 | -0.0 | -27.2 | -27.4 | 91.4 | 99.6 | -0.0 | -12.0 | 47.0 | 47.0 | 8.7 |
| 20:16:30 | 16 52.2 | -54 24.5 | 326.1 | 328.6 | 4880 | 5172 | 25.0 | -10.3 | -3.3 | 92.5 | 98.5 | -0.6 | 236.2 | 15.8 | 3.0 | 159.0 |
| 20:17:00 | 16 53.0 | -54 28.6 | -130.2 | -94.6 | 160.9 | 5178 | 234.9 | 0.2 | -0.1 | 543.8 | 92.7 | 13.5 | 1.5 | -26.1 | -28.9 | 0.0 |
| 20:17:00 | 16 58.7 | -54 25.8 | -130.2 | -94.1 | 160.6 | 4952 | 235.1 | 0.3 | -0.2 | 548.9 | 92.7 | 13.2 | 0.7 | -29.7 | -32.7 | 0.0 |
| 20:17:01 | 16 50.7 | -54 26.7 | -132.0 | -95.6 | 163.0 | 5164 | -0.1 | -28.5 | -28.0 | 91.0 | 99.2 | -0.0 | -11.9 | 47.0 | 47.0 | 8.3 |
| 20:17:00 | 16 50.7 | -54 26.7 | 326.0 | 328.4 | 4881 | 5173 | 24.9 | -10.4 | -3.4 | 92.0 | 98.0 | -0.6 | 235.7 | 23.1 | 2.7 | 158.7 |
| 20:17:30 | 16 51.5 | -54 30.8 | -130.3 | -94.3 | 160.8 | 5178 | 234.9 | 0.2 | -0.0 | 543.8 | 92.3 | 13.4 | 1.4 | -26.4 | -29.2 | 0.1 |
| 20:17:30 | 16 57.1 | -54 28.0 | -130.3 | -93.7 | 160.5 | 4938 | 235.2 | 0.2 | -0.2 | 548.8 | 92.4 | 13.1 | 0.7 | -29.2 | -32.2 | 0.0 |
| 20:17:31 | 16 49.1 | -54 28.9 | -132.1 | -95.2 | 162.8 | 5160 | -0.3 | -27.7 | -27.8 | 90.6 | 98.9 | -0.0 | -11.9 | 47.0 | 47.0 | 8.1 |
| 20:17:30 | 16 49.1 | -54 28.9 | 325.9 | 328.3 | 4881 | 5173 | 20.0 | -10.2 | -3.3 | 91.7 | 97.6 | -0.6 | 235.3 | 29.0 | 2.7 | 158.4 |
| 20:18:00 | 16 50.0 | -54 33.0 | -130.3 | -94.3 | 160.8 | 5177 | 235.0 | 0.3 | 0.0 | 543.8 | 92.2 | 13.5 | 1.5 | -26.5 | -29.3 | 0.1 |
| 20:18:00 | 16 55.6 | -54 30.2 | -130.3 | -93.6 | 160.4 | 4962 | 235.2 | 0.3 | -0.1 | 548.9 | 92.2 | 13.2 | 0.7 | -29.9 | -32.9 | 0.1 |
| 20:18:01 | 16 47.6 | -54 31.2 | -132.1 | -95.1 | 162.8 | 5159 | -0.1 | -27.7 | -27.8 | 90.6 | 98.8 | -0.0 | -11.9 | 47.0 | 47.0 | 8.0 |
| 20:18:00 | 16 47.6 | -54 31.1 | 326.0 | 328.4 | 4881 | 5173 | 24.1 | -10.0 | -3.2 | 91.6 | 97.6 | -0.6 | 235.1 | 26.8 | 2.9 | 158.3 |
| 20:18:30 | 16 48.4 | -54 35.1 | -130.4 | -94.2 | 160.9 | 5178 | 235.0 | 0.2 | -0.1 | 543.8 | 92.2 | 13.4 | 1.5 | -26.6 | -29.4 | 0.1 |
| 20:18:30 | 16 54.1 | -54 32.4 | -130.3 | -93.6 | 160.4 | 4883 | 235.3 | 0.2 | -0.2 | 548.8 | 92.2 | 13.1 | 0.7 | -29.9 | -32.9 | 0.0 |
| 20:18:31 | 16 46.0 | -54 33.4 | -132.1 | -95.1 | 162.8 | 5159 | -0.0 | -27.8 | -27.9 | 90.5 | 98.8 | -0.0 | -11.9 | 47.0 | 47.0 | 8.0 |
| 20:18:30 | 16 46.0 | -54 33.4 | 326.0 | 328.3 | 4881 | 5173 | 24.0 | -10.2 | -3.3 | 91.5 | 97.5 | -0.6 | 235.1 | 26.6 | 3.0 | 158.2 |
| 20:19:00 | 16 46.9 | -54 37.3 | -130.3 | -94.8 | 161.1 | 5177 | 235.0 | 0.3 | -0.0 | 543.8 | 92.1 | 13.4 | 1.4 | -26.6 | -29.4 | 0.1 |
| 20:19:00 | 16 52.6 | -54 34.6 | -130.2 | -94.1 | 160.6 | 4896 | 235.2 | 0.3 | -0.1 | 548.9 | 92.1 | 13.1 | 0.7 | -29.4 | -32.5 | 0.1 |
| 20:19:01 | 16 44.5 | -54 35.6 | -132.0 | -95.6 | 163.0 | 5159 | -0.2 | -27.3 | -27.7 | 90.4 | 98.7 | -0.0 | -11.8 | 47.0 | 47.0 | 8.0 |
| 20:19:00 | 16 44.5 | -54 35.6 | 325.9 | 328.2 | 4880 | 5172 | 25.0 | -10.2 | -3.3 | 91.5 | 97.4 | -0.6 | 235.0 | 24.9 | 3.5 | 158.1 |
| 20:19:30 | 16 45.4 | -54 39.5 | -130.6 | -95.0 | 161.5 | 5178 | 235.0 | 0.2 | -0.0 | 543.8 | 92.3 | 13.3 | 1.4 | -26.6 | -29.4 | 0.1 |
| 20:19:30 | 16 51.0 | -54 36.8 | -130.4 | -94.3 | 160.9 | 4947 | 235.3 | 0.1 | -0.2 | 548.8 | 92.3 | 13.0 | 0.6 | -29.0 | -31.9 | 0.0 |
| 20:19:31 | 16 42.9 | -54 37.9 | -132.2 | -95.8 | 163.3 | 5158 | -0.1 | -27.8 | -27.7 | 90.5 | 98.7 | -0.0 | -11.9 | 47.0 | 47.0 | 8.0 |
| 20:19:30 | 16 42.9 | -54 37.8 | 325.9 | 328.2 | 4881 | 5172 | 25.1 | -10.4 | -3.3 | 91.6 | 97.5 | -0.6 | 235.2 | 26.7 | 3.6 | 158.3 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:20:00 | 16 43.8 | -54 41.7 | -130.6 | -95.0 | 161.5 | 5178 | 235.0 | 0.3 | -0.1 | 543.8 | 92.0 | 13.3 | 1.4 | -26.6 | -29.4 | 0.1 |
| 20:20:00 | 16 49.5 | -54 39.0 | -130.4 | -94.3 | 160.9 | 4927 | 235.2 | 0.3 | -0.2 | 548.9 | 92.0 | 13.0 | 0.6 | -29.2 | -32.2 | 0.0 |
| 20:20:01 | 16 41.4 | -54 40.1 | -132.2 | -95.8 | 163.3 | 5155 | -0.1 | -27.3 | -27.7 | 90.3 | 98.6 | -0.0 | -11.8 | 47.0 | 47.0 | 8.1 |
| 20:20:00 | 16 41.4 | -54 40.1 | 325.8 | 328.2 | 4880 | 5172 | 25.2 | -10.2 | -3.3 | 91.3 | 97.2 | -0.6 | 234.8 | 26.1 | 4.0 | 158.0 |
| 20:20:30 | 16 42.3 | -54 44.0 | -130.7 | -95.0 | 161.6 | 5179 | 235.0 | 0.2 | 0.0 | 543.8 | 92.0 | 13.2 | 1.3 | -26.6 | -29.4 | 0.1 |
| 20:20:30 | 16 48.0 | -54 41.2 | -130.5 | -94.2 | 160.9 | 4948 | 235.3 | 0.2 | -0.1 | 548.8 | 92.1 | 12.9 | 0.5 | -30.1 | -33.2 | 0.1 |
| 20:20:31 | 16 39.8 | -54 42.3 | -132.3 | -95.7 | 163.3 | 5154 | -0.2 | -27.4 | -27.6 | 90.4 | 98.6 | -0.0 | -11.8 | 47.0 | 47.0 | 8.1 |
| 20:20:30 | 16 39.8 | -54 42.3 | 325.8 | 328.1 | 4882 | 5172 | 25.2 | -9.7 | -3.1 | 91.4 | 97.3 | -0.6 | 234.9 | 25.9 | 4.0 | 158.1 |
| 20:21:00 | 16 40.7 | -54 46.2 | -131.1 | -94.6 | 161.6 | 5180 | 235.0 | 0.2 | -0.1 | 543.8 | 92.3 | 13.5 | 1.6 | -26.6 | -29.4 | 0.1 |
| 20:21:00 | 16 46.5 | -54 43.4 | -130.8 | -93.8 | 160.9 | 4931 | 235.2 | 0.2 | -0.2 | 548.9 | 92.3 | 13.2 | 0.8 | -29.8 | -32.8 | 0.0 |
| 20:21:01 | 16 38.3 | -54 44.6 | -132.6 | -95.3 | 163.3 | 5155 | 0.1 | -29.0 | -28.1 | 90.6 | 98.7 | -0.0 | -11.9 | 47.0 | 47.0 | 7.9 |
| 20:21:00 | 16 38.3 | -54 44.5 | 326.1 | 328.4 | 4881 | 5171 | 25.5 | -10.4 | -3.4 | 91.6 | 97.6 | -0.6 | 235.3 | 35.4 | 3.5 | 158.4 |
| 20:21:30 | 16 39.2 | -54 48.4 | -131.1 | -94.5 | 161.6 | 5180 | 235.0 | 0.2 | -0.1 | 543.8 | 92.1 | 13.5 | 1.5 | -26.6 | -29.4 | 0.1 |
| 20:21:30 | 16 44.9 | -54 45.6 | -130.8 | -93.6 | 160.8 | 4942 | 235.3 | 0.2 | -0.2 | 548.8 | 92.1 | 13.2 | 0.7 | -29.2 | -32.2 | 0.0 |
| 20:21:31 | 16 36.7 | -54 46.8 | -132.6 | -95.1 | 163.2 | 5157 | -0.1 | -27.5 | -27.6 | 90.4 | 98.6 | -0.0 | -11.8 | 47.0 | 47.0 | 8.0 |
| 20:21:30 | 16 36.7 | -54 46.8 | 326.0 | 328.4 | 4881 | 5172 | 25.5 | -10.2 | -3.3 | 91.5 | 97.4 | -0.6 | 235.0 | 37.4 | 3.6 | 158.2 |
| 20:22:00 | 16 37.7 | -54 50.6 | -131.3 | -94.4 | 161.7 | 5181 | 235.1 | 0.3 | 0.1 | 543.8 | 91.9 | 13.4 | 1.5 | -26.5 | -29.4 | 0.1 |
| 20:22:00 | 16 43.4 | -54 47.8 | -130.9 | -93.5 | 160.9 | 5030 | 235.3 | 0.3 | 0.0 | 548.8 | 91.9 | 13.1 | 0.7 | -29.0 | -32.0 | 0.0 |
| 20:22:01 | 16 35.2 | -54 49.0 | -132.8 | -95.0 | 163.3 | 5176 | 0.1 | -28.1 | -27.9 | 90.2 | 98.5 | -0.0 | -11.8 | 47.0 | 47.0 | 8.0 |
| 20:22:00 | 16 35.2 | -54 49.0 | 326.0 | 328.3 | 4881 | 5172 | 25.4 | -10.2 | -3.3 | 91.2 | 97.2 | -0.6 | 234.7 | 36.5 | 3.9 | 158.0 |
| 20:22:30 | 16 36.1 | -54 52.8 | -131.5 | -94.2 | 161.8 | 5180 | 235.1 | 0.1 | 0.0 | 543.8 | 92.3 | 13.4 | 1.4 | -26.5 | -29.3 | 0.1 |
| 20:22:30 | 16 41.9 | -54 50.0 | -131.1 | -93.3 | 160.9 | 4995 | 235.4 | 0.1 | -0.1 | 548.8 | 92.3 | 13.1 | 0.6 | -29.3 | -32.3 | 0.1 |
| 20:22:31 | 16 33.6 | -54 51.3 | -132.9 | -94.8 | 163.3 | 5175 | -0.2 | -29.0 | -28.0 | 90.6 | 98.6 | -0.0 | -11.9 | 47.0 | 47.0 | 8.1 |
| 20:22:30 | 16 33.7 | -54 51.2 | 325.9 | 328.3 | 4882 | 5172 | 25.4 | -10.0 | -3.2 | 91.6 | 97.5 | -0.6 | 235.2 | 38.0 | 3.7 | 158.3 |
| 20:23:00 | 16 34.6 | -54 55.0 | -131.6 | -94.4 | 161.9 | 5180 | 235.1 | 0.2 | -0.1 | 543.8 | 92.4 | 13.3 | 1.3 | -26.5 | -29.3 | 0.1 |
| 20:23:00 | 16 40.4 | -54 52.2 | -131.1 | -93.4 | 161.0 | 5020 | 235.3 | 0.2 | -0.2 | 548.8 | 92.4 | 13.0 | 0.5 | -29.8 | -32.8 | 0.0 |
| 20:23:01 | 16 32.1 | -54 53.5 | -133.0 | -94.9 | 163.4 | 5174 | -0.3 | -28.6 | -28.0 | 90.7 | 98.7 | -0.0 | -11.9 | 47.0 | 47.0 | 8.1 |
| 20:23:00 | 16 32.1 | -54 53.5 | 325.8 | 328.1 | 4881 | 5172 | 25.4 | -9.8 | -3.2 | 91.7 | 97.6 | -0.6 | 235.4 | 39.7 | 3.7 | 158.4 |
| 20:23:30 | 16 33.1 | -54 57.2 | -131.7 | -94.3 | 162.0 | 5178 | 235.0 | 0.2 | 0.2 | 543.8 | 92.2 | 13.3 | 1.3 | -26.5 | -29.3 | 0.1 |
| 20:23:30 | 16 38.9 | -54 54.5 | -131.2 | -93.4 | 161.1 | 5008 | 235.3 | 0.2 | 0.1 | 548.9 | 92.2 | 13.0 | 0.6 | -30.3 | -33.4 | 0.0 |
| 20:23:31 | 16 30.5 | -54 55.7 | -133.1 | -94.9 | 163.4 | 5172 | -0.1 | -28.5 | -27.9 | 90.5 | 98.6 | -0.0 | -11.9 | 47.0 | 47.0 | 8.1 |
| 20:23:30 | 16 30.6 | -54 55.7 | 325.8 | 328.2 | 4881 | 5172 | 25.5 | -9.7 | -3.1 | 91.5 | 97.4 | -0.6 | 235.1 | 43.2 | 4.0 | 158.2 |
| 20:24:00 | 16 31.5 | -54 59.4 | -131.7 | -94.2 | 162.0 | 5177 | 235.1 | 0.4 | -0.0 | 543.8 | 92.1 | 13.1 | 1.2 | -26.5 | -29.3 | 0.1 |
| 20:24:00 | 16 37.4 | -54 56.7 | -131.2 | -93.3 | 161.0 | 5001 | 235.3 | 0.4 | -0.2 | 548.9 | 92.1 | 12.8 | 0.4 | -30.9 | -34.1 | 0.0 |
| 20:24:01 | 16 29.0 | -54 58.0 | -133.0 | -94.7 | 163.3 | 5171 | -0.2 | -26.9 | -27.4 | 90.5 | 98.7 | -0.0 | -11.8 | 47.0 | 47.0 | 8.2 |
| 20:24:00 | 16 29.0 | -54 57.9 | 325.6 | 328.0 | 4880 | 5171 | 25.6 | -10.1 | -3.2 | 91.5 | 97.4 | -0.6 | 235.0 | 41.2 | 4.0 | 158.1 |
| 20:24:30 | 16 30.0 | -55 1.7 | -132.0 | -94.3 | 162.2 | 5178 | 235.1 | 0.2 | -0.1 | 543.8 | 92.5 | 13.2 | 1.2 | -26.5 | -29.3 | 0.1 |
| 20:24:30 | 16 35.8 | -54 58.9 | -131.4 | -93.3 | 161.2 | 5022 | 235.3 | 0.1 | -0.2 | 548.8 | 92.5 | 12.9 | 0.4 | -31.3 | -34.4 | 0.0 |
| 20:24:31 | 16 27.5 | -55 0.2 | -133.3 | -94.7 | 163.5 | 5172 | -0.4 | -29.2 | -28.1 | 90.8 | 98.8 | -0.0 | -11.9 | 47.0 | 47.0 | 8.2 |
| 20:24:30 | 16 27.5 | -55 0.2 | 325.6 | 328.0 | 4881 | 5172 | 25.5 | -10.0 | -3.1 | 91.9 | 97.8 | -0.6 | 235.5 | 44.0 | 3.8 | 158.4 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:25:00 | 16 28.5 | -55 3.9 | -132.1 | -94.3 | 162.3 | 5179 | 235.1 | 0.2 | -0.1 | 543.8 | 92.5 | 13.1 | 1.2 | -26.5 | -29.3 | 0.1 |
| 20:25:00 | 16 34.3 | -55 1.1 | -131.5 | -93.3 | 161.3 | 5002 | 235.3 | 0.3 | -0.2 | 548.9 | 92.5 | 12.8 | 0.4 | -31.5 | -34.7 | 0.1 |
| 20:25:01 | 16 25.9 | -55 2.5 | -133.3 | -94.7 | 163.6 | 5175 | -0.4 | -28.0 | -27.8 | 90.8 | 98.9 | -0.0 | -11.9 | 47.0 | 47.0 | 8.2 |
| 20:25:00 | 16 26.0 | -55 2.4 | 325.6 | 327.9 | 4880 | 5172 | 25.6 | -10.2 | -3.3 | 91.9 | 97.8 | -0.6 | 235.5 | 47.1 | 4.0 | 158.4 |
| 20:25:30 | 16 26.9 | -55 6.1 | -132.1 | -94.1 | 162.2 | 5181 | 235.0 | 0.4 | 0.1 | 543.9 | 92.1 | 13.2 | 1.3 | -26.5 | -29.4 | 0.1 |
| 20:25:30 | 16 32.8 | -55 3.3 | -131.5 | -93.1 | 161.1 | 5012 | 235.3 | 0.3 | -0.1 | 548.9 | 92.1 | 12.9 | 0.5 | -31.5 | -34.7 | 0.0 |
| 20:25:31 | 16 24.4 | -55 4.7 | -133.3 | -94.5 | 163.4 | 5176 | -0.3 | -28.4 | -28.0 | 90.5 | 98.7 | -0.0 | -11.9 | 47.0 | 47.0 | 8.1 |
| 20:25:30 | 16 24.4 | -55 4.7 | 325.7 | 328.1 | 4881 | 5171 | 25.5 | -9.8 | -3.1 | 91.5 | 97.4 | -0.6 | 235.0 | 51.4 | 4.1 | 158.1 |
| 20:26:00 | 16 25.4 | -55 8.3 | -132.2 | -94.0 | 162.2 | 5180 | 235.1 | 0.4 | -0.0 | 543.8 | 92.6 | 13.2 | 1.2 | -26.6 | -29.4 | 0.1 |
| 20:26:00 | 16 31.3 | -55 5.5 | -131.5 | -93.0 | 161.0 | 5020 | 235.3 | 0.4 | -0.1 | 548.9 | 92.6 | 12.9 | 0.4 | -31.6 | -34.8 | 0.1 |
| 20:26:01 | 16 22.9 | -55 6.9 | -133.2 | -94.4 | 163.3 | 5178 | -0.5 | -27.4 | -27.7 | 90.8 | 99.0 | -0.0 | -11.9 | 47.0 | 47.0 | 8.1 |
| 20:26:00 | 16 22.9 | -55 6.9 | 325.7 | 328.0 | 4880 | 5172 | 25.4 | -10.4 | -3.3 | 91.9 | 97.9 | -0.6 | 235.6 | 51.4 | 3.8 | 158.5 |
| 20:26:30 | 16 23.9 | -55 10.6 | -132.3 | -93.9 | 162.3 | 5182 | 235.1 | 0.2 | 0.0 | 543.8 | 92.6 | 13.1 | 1.2 | -26.6 | -29.4 | 0.1 |
| 20:26:30 | 16 29.8 | -55 7.7 | -131.6 | -92.9 | 161.1 | 5004 | 235.3 | 0.2 | -0.1 | 548.8 | 92.6 | 12.8 | 0.4 | -31.8 | -35.0 | 0.0 |
| 20:26:31 | 16 21.3 | -55 9.2 | -133.4 | -94.3 | 163.4 | 5179 | -0.3 | -28.2 | -27.9 | 90.8 | 99.0 | -0.0 | -11.9 | 47.0 | 47.0 | 8.1 |
| 20:26:30 | 16 21.3 | -55 9.2 | 325.6 | 327.9 | 4881 | 5172 | 25.5 | -10.3 | -3.3 | 91.9 | 97.9 | -0.6 | 235.6 | 51.9 | 3.8 | 158.5 |
| 20:27:00 | 16 22.4 | -55 12.8 | -132.6 | -93.6 | 162.3 | 5183 | 235.0 | 0.2 | -0.0 | 543.8 | 92.6 | 13.2 | 1.2 | -26.6 | -29.4 | 0.1 |
| 20:27:00 | 16 28.3 | -55 10.0 | -131.8 | -92.5 | 161.1 | 5014 | 235.3 | 0.2 | -0.1 | 548.8 | 92.6 | 12.9 | 0.5 | -32.1 | -35.3 | 0.0 |
| 20:27:01 | 16 19.8 | -55 11.4 | -133.6 | -93.9 | 163.3 | 5179 | -0.3 | -29.0 | -28.2 | 90.9 | 99.0 | -0.0 | -11.9 | 47.0 | 47.0 | 8.1 |
| 20:27:00 | 16 19.8 | -55 11.4 | 325.7 | 328.0 | 4881 | 5172 | 25.7 | -10.0 | -3.2 | 91.9 | 97.9 | -0.6 | 235.6 | 59.6 | 3.8 | 158.5 |
| 20:27:30 | 16 20.8 | -55 15.0 | -124.9 | -103.5 | 162.2 | 5180 | 230.6 | 0.2 | -1.2 | 543.8 | 92.5 | 13.0 | 1.0 | -26.6 | -29.5 | 0.1 |
| 20:27:30 | 16 26.7 | -55 12.1 | -124.1 | -102.4 | 160.9 | 4979* | 231.0 | 0.2 | -1.3 | 548.9 | 92.5 | 12.7 | 0.2 | -32.3 | -35.5 | 0.0 |
| 20:27:31 | 16 18.2 | -55 13.6 | -125.8 | -103.8 | 163.1 | 5184 | -0.7 | -28.6 | -28.1 | 90.8 | 99.0 | -0.0 | -11.9 | 47.0 | 47.0 | 8.2 |
| 20:27:30 | 16 18.2 | -55 13.6 | 325.4 | 327.7 | 4881 | 5172 | 24.0 | -10.2 | -3.2 | 91.9 | 97.8 | -0.6 | 235.5 | 56.1 | 3.9 | 158.4 |
| 20:28:00 | 16 19.1 | -55 17.0 | -123.4 | -105.5 | 162.4 | 5184 | 229.6 | 0.1 | -0.1 | 543.8 | 93.6 | 13.2 | 1.1 | -26.7 | -29.5 | 0.1 |
| 20:28:00 | 16 25.0 | -55 14.2 | -122.6 | -104.4 | 161.0 | 5029 | 229.8 | 0.2 | -0.2 | 548.8 | 93.6 | 12.9 | 0.3 | -32.2 | -35.4 | 0.0 |
| 20:28:01 | 16 16.5 | -55 15.7 | -124.3 | -105.8 | 163.2 | 5184 | -0.4 | -30.5 | -28.5 | 91.8 | 99.8 | -0.0 | -12.0 | 47.0 | 47.0 | 8.1 |
| 20:28:00 | 16 16.5 | -55 15.7 | 325.5 | 327.9 | 4881 | 5173 | 25.7 | -10.2 | -3.2 | 92.9 | 98.9 | -0.6 | 236.8 | 63.9 | 3.2 | 159.3 |
| 20:28:30 | 16 17.3 | -55 19.1 | -123.8 | -105.3 | 162.5 | 5181 | 229.6 | 0.1 | 0.0 | 543.8 | 93.6 | 13.4 | 1.3 | -26.7 | -29.5 | 0.1 |
| 20:28:30 | 16 23.3 | -55 16.3 | -122.9 | -104.2 | 161.2 | 5025 | 229.8 | 0.1 | -0.1 | 548.9 | 93.6 | 13.1 | 0.5 | -31.8 | -35.0 | 0.0 |
| 20:28:31 | 16 14.8 | -55 17.8 | -124.6 | -105.6 | 163.4 | 5185 | -0.3 | -30.0 | -28.5 | 91.8 | 99.9 | -0.0 | -12.0 | 47.0 | 47.0 | 8.0 |
| 20:28:30 | 16 14.8 | -55 17.8 | 325.8 | 328.1 | 4880 | 5172 | 25.1 | -10.4 | -3.3 | 92.9 | 98.9 | -0.6 | 236.8 | 69.2 | 3.5 | 159.3 |
| 20:29:00 | 16 15.6 | -55 21.2 | -123.8 | -105.2 | 162.4 | 5183 | 229.5 | 0.1 | -0.1 | 543.8 | 93.5 | 13.4 | 1.3 | -26.7 | -29.5 | 0.1 |
| 20:29:00 | 16 21.6 | -55 18.3 | -122.9 | -104.1 | 161.0 | 4998 | 229.8 | 0.1 | -0.2 | 548.8 | 93.5 | 13.1 | 0.5 | -31.0 | -34.1 | 0.1 |
| 20:29:01 | 16 13.1 | -55 19.9 | -124.6 | -105.4 | 163.2 | 5184 | -0.3 | -29.8 | -28.5 | 91.7 | 99.8 | -0.0 | -12.0 | 47.0 | 47.0 | 8.0 |
| 20:29:00 | 16 13.1 | -55 19.9 | 325.8 | 328.1 | 4882 | 5173 | 26.0 | -10.1 | -3.3 | 92.8 | 98.8 | -0.6 | 236.7 | 73.2 | 3.5 | 159.3 |
| 20:29:30 | 16 13.9 | -55 23.3 | -123.9 | -105.2 | 162.6 | 5180 | 229.6 | 0.2 | -0.1 | 543.9 | 93.3 | 13.5 | 1.4 | -26.6 | -29.4 | 0.1 |
| 20:29:30 | 16 19.9 | -55 20.4 | -123.0 | -104.1 | 161.1 | 5018 | 229.9 | 0.1 | -0.3 | 548.9 | 93.3 | 13.2 | 0.7 | -30.7 | -33.8 | 0.0 |
| 20:29:31 | 16 11.3 | -55 22.0 | -124.6 | -105.5 | 163.3 | 5178 | -0.0 | -29.5 | -28.4 | 91.5 | 99.7 | -0.0 | -12.0 | 47.0 | 47.0 | 8.0 |
| 20:29:30 | 16 11.4 | -55 22.0 | 325.9 | 328.2 | 4880 | 5172 | 26.2 | -10.4 | -3.4 | 92.6 | 98.6 | -0.6 | 236.5 | 70.4 | 3.8 | 159.1 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:30:00 | 16 12.2 | -55 25.4 | -123.9 | -105.3 | 162.6 | 5181 | 229.8 | 0.2 | -0.2 | 543.8 | 92.7 | 13.5 | 1.5 | -26.6 | -29.5 | 0.1 |
| 20:30:00 | 16 18.2 | -55 22.5 | -122.9 | -104.2 | 161.1 | 5003 | 230.0 | 0.3 | -0.3 | 548.9 | 92.8 | 13.2 | 0.7 | -30.8 | -33.9 | 0.0 |
| 20:30:01 | 16 9.6 | -55 24.1 | -124.5 | -105.5 | 163.2 | 5177 | -0.2 | -28.4 | -28.2 | 91.0 | 99.3 | -0.0 | -11.9 | 47.0 | 47.0 | 7.9 |
| 20:30:00 | 16 9.6 | -55 24.1 | 326.0 | 328.3 | 4880 | 5173 | 24.3 | -10.6 | -3.5 | 92.1 | 98.0 | -0.6 | 235.8 | 61.7 | 4.0 | 158.7 |
| 20:30:30 | 16 10.5 | -55 27.5 | -123.5 | -105.7 | 162.5 | 5181 | 229.7 | 0.3 | 0.0 | 543.8 | 92.8 | 13.7 | 1.7 | -26.6 | -29.4 | 0.1 |
| 20:30:30 | 16 16.5 | -55 24.5 | -122.5 | -104.5 | 161.0 | 5020 | 229.9 | 0.2 | -0.1 | 548.9 | 92.8 | 13.4

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:35:00 | 15 55.1 | -55 46.1 | -123.6 | -105.6 | 162.6 | 5181 | 229.6 | 0.3 | -0.0 | 543.8 | 91.8 | 13.4 | 1.5 | -26.6 | -29.4 | 0.1 |
| 20:35:00 | 16 1.3 | -55 43.1 | -122.3 | -104.5 | 160.9 | 5023 | 229.8 | 0.3 | -0.1 | 548.9 | 91.8 | 13.1 | 0.8 | -31.7 | -34.9 | 0.0 |
| 20:35:01 | 15 52.5 | -55 44.9 | -123.7 | -105.5 | 162.6 | 5172 | -0.1 | -27.5 | -27.8 | 90.1 | 98.5 | -0.0 | -11.8 | 47.0 | 47.0 | 8.0 |
| 20:35:00 | 15 52.5 | -55 44.9 | 326.0 | 328.4 | 4880 | 5176 | 25.8 | -10.1 | -3.2 | 91.2 | 97.1 | -0.6 | 234.6 | 60.2 | 4.8 | 157.9 |
| 20:35:30 | 15 53.4 | -55 48.2 | -124.1 | -105.5 | 162.9 | 5181 | 229.5 | 0.3 | -0.0 | 543.9 | 92.6 | 13.4 | 1.4 | -26.6 | -29.4 | 0.1 |
| 20:35:30 | 15 59.6 | -55 45.1 | -122.8 | -104.5 | 161.2 | 4995 | 229.8 | 0.2 | -0.1 | 549.0 | 92.6 | 13.1 | 0.6 | -31.7 | -34.9 | 0.0 |
| 20:35:31 | 15 50.8 | -55 47.0 | -124.1 | -105.5 | 162.8 | 5173 | -0.1 | -28.9 | -27.9 | 90.9 | 98.8 | -0.0 | -11.9 | 47.0 | 47.0 | 8.0 |
| 20:35:30 | 15 50.8 | -55 47.0 | 325.9 | 328.2 | 4879 | 5175 | 25.7 | -10.2 | -3.3 | 91.9 | 97.9 | -0.6 | 235.6 | 68.7 | 4.7 | 158.5 |
| 20:36:00 | 15 51.7 | -55 50.3 | -124.0 | -105.4 | 162.8 | 5179 | 229.6 | 0.3 | -0.1 | 543.8 | 92.5 | 13.5 | 1.5 | -26.6 | -29.5 | 0.1 |
| 20:36:00 | 15 57.9 | -55 47.2 | -122.7 | -104.3 | 161.1 | 5007 | 229.8 | 0.3 | -0.2 | 548.9 | 92.5 | 13.2 | 0.8 | -30.5 | -33.6 | 0.0 |
| 20:36:01 | 15 49.1 | -55 49.1 | -123.9 | -105.3 | 162.6 | 5175 | -0.0 | -28.5 | -27.9 | 90.8 | 98.8 | -0.0 | -11.9 | 47.0 | 47.0 | 7.9 |
| 20:36:00 | 15 49.1 | -55 49.0 | 326.0 | 328.3 | 4880 | 5176 | 26.0 | -10.6 | -3.4 | 91.9 | 97.8 | -0.6 | 235.5 | 66.2 | 4.5 | 158.5 |
| 20:36:30 | 15 50.0 | -55 52.4 | -124.3 | -105.7 | 163.2 | 5179 | 229.6 | 0.0 | 0.1 | 543.8 | 92.4 | 13.2 | 1.3 | -26.6 | -29.4 | 0.1 |
| 20:36:30 | 15 56.2 | -55 49.2 | -123.0 | -104.7 | 161.5 | 5025 | 229.8 | -0.0 | -0.1 | 548.9 | 92.4 | 13.0 | 0.5 | -29.9 | -32.9 | 0.0 |
| 20:36:31 | 15 47.3 | -55 51.1 | -124.1 | -105.6 | 163.0 | 5176 | -0.2 | -29.0 | -28.1 | 90.6 | 98.7 | -0.0 | -11.9 | 47.0 | 47.0 | 8.1 |
| 20:36:30 | 15 47.4 | -55 51.1 | 325.8 | 328.1 | 4881 | 5176 | 25.6 | -10.2 | -3.3 | 91.7 | 97.6 | -0.6 | 235.3 | 62.7 | 5.0 | 158.3 |
| 20:37:00 | 15 48.2 | -55 54.5 | -124.6 | -105.7 | 163.4 | 5179 | 229.5 | 0.2 | 0.1 | 543.8 | 93.1 | 13.4 | 1.4 | -26.6 | -29.4 | 0.1 |
| 20:37:00 | 15 54.5 | -55 51.3 | -123.2 | -104.7 | 161.7 | 5011 | 229.7 | 0.2 | 0.0 | 548.9 | 93.1 | 13.1 | 0.6 | -28.8 | -31.7 | 0.0 |
| 20:37:01 | 15 45.6 | -55 53.2 | -124.4 | -105.6 | 163.1 | 5176 | -0.1 | -29.1 | -28.1 | 91.3 | 99.2 | -0.0 | -12.0 | 47.0 | 47.0 | 8.1 |
| 20:37:00 | 15 45.7 | -55 53.2 | 325.9 | 328.2 | 4880 | 5176 | 25.8 | -10.1 | -3.2 | 92.4 | 98.4 | -0.6 | 236.2 | 68.6 | 4.8 | 158.9 |
| 20:37:30 | 15 46.5 | -55 56.6 | -124.9 | -105.6 | 163.6 | 5179 | 229.5 | 0.2 | 0.1 | 543.8 | 92.8 | 13.5 | 1.5 | -26.5 | -29.3 | 0.1 |
| 20:37:30 | 15 52.8 | -55 53.4 | -123.5 | -104.6 | 161.9 | 5022 | 229.8 | 0.1 | -0.0 | 548.9 | 92.8 | 13.2 | 0.7 | -30.4 | -33.5 | 0.0 |
| 20:37:31 | 15 43.9 | -55 55.3 | -124.6 | -105.4 | 163.2 | 5176 | -0.1 | -29.2 | -28.5 | 91.1 | 99.2 | -0.0 | -11.9 | 47.0 | 47.0 | 8.0 |
| 20:37:30 | 15 43.9 | -55 55.3 | 326.0 | 328.3 | 4880 | 5175 | 25.5 | -10.2 | -3.2 | 92.2 | 98.2 | -0.6 | 235.9 | 70.1 | 5.2 | 158.8 |
| 20:38:00 | 15 44.8 | -55 58.7 | -125.0 | -105.6 | 163.7 | 5179 | 229.5 | 0.2 | -0.0 | 543.9 | 92.6 | 13.4 | 1.4 | -26.6 | -29.4 | 0.1 |
| 20:38:00 | 15 51.1 | -55 55.4 | -123.6 | -104.7 | 162.0 | 5025 | 229.8 | 0.2 | -0.2 | 549.0 | 92.6 | 13.1 | 0.7 | -31.9 | -35.0 | 0.1 |
| 20:38:01 | 15 42.2 | -55 57.4 | -124.7 | -105.4 | 163.3 | 5178 | -0.1 | -28.6 | -28.1 | 90.9 | 98.9 | -0.0 | -11.9 | 47.0 | 47.0 | 8.0 |
| 20:38:00 | 15 42.2 | -55 57.4 | 325.9 | 328.2 | 4879 | 5174 | 25.7 | -9.9 | -3.2 | 92.0 | 97.9 | -0.6 | 235.7 | 69.2 | 5.5 | 158.6 |
| 20:38:30 | 15 43.1 | -56 0.8 | -124.6 | -105.6 | 163.3 | 5179 | 229.5 | 0.3 | 0.1 | 544.0 | 91.7 | 13.4 | 1.5 | -26.7 | -29.5 | 0.1 |
| 20:38:30 | 15 49.4 | -55 57.5 | -123.1 | -104.7 | 161.6 | 5014 | 229.7 | 0.3 | -0.1 | 549.0 | 91.7 | 13.1 | 0.8 | -31.9 | -35.1 | 0.0 |
| 20:38:31 | 15 40.5 | -55 59.5 | -124.2 | -105.4 | 162.8 | 5179 | -0.1 | -28.2 | -28.0 | 90.0 | 98.3 | -0.0 | -11.8 | 47.0 | 47.0 | 7.9 |
| 20:38:30 | 15 40.5 | -55 59.5 | 326.0 | 328.3 | 4879 | 5175 | 25.7 | -10.0 | -3.2 | 91.0 | 96.9 | -0.6 | 234.5 | 66.1 | 5.8 | 157.8 |
| 20:39:00 | 15 41.4 | -56 2.9 | -124.5 | -105.0 | 162.9 | 5178 | 229.5 | 0.3 | 0.1 | 544.0 | 91.7 | 13.4 | 1.5 | -26.7 | -29.5 | 0.1 |
| 20:39:00 | 15 47.7 | -55 59.6 | -123.1 | -104.1 | 161.2 | 5028 | 229.7 | 0.3 | 0.0 | 549.0 | 91.7 | 13.1 | 0.7 | -32.0 | -35.2 | 0.1 |
| 20:39:01 | 15 38.8 | -56 1.6 | -124.0 | -104.8 | 162.4 | 5181 | -0.1 | -27.4 | -27.4 | 90.0 | 98.1 | -0.0 | -11.8 | 47.0 | 47.0 | 7.9 |
| 20:39:00 | 15 38.8 | -56 1.5 | 326.0 | 328.3 | 4879 | 5176 | 25.5 | -10.2 | -3.3 | 91.1 | 97.0 | -0.6 | 234.5 | 72.5 | 5.5 | 157.9 |
| 20:39:30 | 15 39.7 | -56 4.9 | -124.6 | -104.9 | 162.8 | 5180 | 229.5 | 0.3 | 0.1 | 544.0 | 91.5 | 13.4 | 1.5 | -26.7 | -29.5 | 0.1 |
| 20:39:30 | 15 46.0 | -56 1.6 | -123.1 | -104.0 | 161.2 | 5010 | 229.8 | 0.2 | -0.1 | 549.0 | 91.5 | 13.1 | 0.7 | -32.2 | -35.5 | 0.0 |
| 20:39:31 | 15 37.1 | -56 3.7 | -124.0 | -104.5 | 162.2 | 5181 | -0.1 | -27.7 | -27.5 | 89.8 | 97.9 | -0.0 | -11.8 | 47.0 | 47.0 | 7.9 |
| 20:39:30 | 15 37.1 | -56 3.6 | 326.0 | 328.3 | 4879 | 5177 | 25.7 | -10.0 | -3.2 | 90.9 | 96.7 | -0.6 | 234.2 | 72.6 | 5.7 | 157.7 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:40:00 | 15 38.0 | -56 7.0 | -124.6 | -105.0 | 162.9 | 5179 | 229.6 | 0.2 | -0.0 | 544.0 | 91.2 | 13.2 | 1.4 | -26.7 | -29.5 | 0.1 |
| 20:40:00 | 15 44.3 | -56 3.7 | -123.1 | -104.1 | 161.2 | 5019 | 229.8 | 0.2 | -0.2 | 549.0 | 91.2 | 12.9 | 0.6 | -32.4 | -35.6 | 0.0 |
| 20:40:01 | 15 35.4 | -56 5.7 | -124.0 | -104.7 | 162.3 | 5174 | -0.2 | -27.6 | -27.3 | 89.6 | 97.7 | -0.0 | -11.7 | 47.0 | 47.0 | 7.9 |
| 20:40:00 | 15 35.4 | -56 5.7 | 325.9 | 328.2 | 4879 | 5177 | 26.0 | -10.1 | -3.2 | 90.6 | 96.4 | -0.6 | 233.9 | 69.7 | 5.9 | 157.4 |
| 20:40:30 | 15 36.3 | -56 9.1 | -124.6 | -104.9 | 162.9 | 5178 | 229.5 | 0.4 | 0.1 | 544.0 | 90.3 | 13.5 | 1.8 | -26.7 | -29.5 | 0.1 |
| 20:40:30 | 15 42.6 | -56 5.8 | -123.1 | -104.1 | 161.2 | 5037 | 229.7 | 0.3 | -0.1 | 549.0 | 90.3 | 13.2 | 1.1 | -32.0 | -35.2 | 0.1 |
| 20:40:31 | 15 33.7 | -56 7.8 | -123.9 | -104.6 | 162.1 | 5173 | 0.2 | -26.2 | -26.9 | 88.7 | 96.9 | -0.0 | -11.6 | 47.0 | 47.0 | 7.7 |
| 20:40:30 | 15 33.7 | -56 7.8 | 326.4 | 328.7 | 4879 | 5176 | 26.0 | -9.4 | -2.9 | 89.7 | 95.4 | -0.6 | 232.7 | 68.9 | 6.5 | 156.7 |
| 20:41:00 | 15 34.6 | -56 11.2 | -124.6 | -104.6 | 162.7 | 5179 | 229.5 | 0.4 | 0.2 | 544.0 | 90.5 | 13.7 | 1.9 | -26.7 | -29.5 | 0.1 |
| 20:41:00 | 15 41.0 | -56 7.8 | -123.2 | -103.8 | 161.1 | 5017 | 229.7 | 0.4 | 0.1 | 549.0 | 90.5 | 13.4 | 1.2 | -31.2 | -34.3 | 0.0 |
| 20:41:01 | 15 32.0 | -56 9.9 | -123.9 | -104.3 | 161.9 | 5173 | 0.2 | -26.7 | -27.0 | 88.9 | 96.9 | -0.0 | -11.7 | 47.0 | 47.0 | 7.6 |
| 20:41:00 | 15 32.0 | -56 9.9 | 326.5 | 328.8 | 4878 | 5176 | 26.0 | -10.3 | -3.3 | 89.9 | 95.7 | -0.6 | 233.0 | 73.9 | 6.4 | 157.0 |
| 20:41:30 | 15 32.9 | -56 13.3 | -124.8 | -104.7 | 162.9 | 5180 | 229.5 | 0.2 | -0.0 | 544.0 | 90.6 | 13.4 | 1.7 | -26.7 | -29.5 | 0.1 |
| 20:41:30 | 15 39.3 | -56 9.9 | -123.3 | -103.9 | 161.3 | 5023 | 229.8 | 0.1 | -0.1 | 548.9 | 90.6 | 13.1 | 0.9 | -31.1 | -34.3 | 0.0 |
| 20:41:31 | 15 30.3 | -56 12.0 | -124.0 | -104.3 | 162.0 | 5177 | 0.1 | -27.2 | -27.2 | 88.9 | 97.0 | -0.0 | -11.7 | 47.0 | 47.0 | 7.8 |
| 20:41:30 | 15 30.3 | -56 11.9 | 326.2 | 328.5 | 4880 | 5177 | 25.9 | -10.1 | -3.2 | 89.9 | 95.7 | -0.6 | 233.1 | 72.4 | 6.5 | 157.0 |
| 20:42:00 | 15 31.2 | -56 15.4 | -128.1 | -100.9 | 163.0 | 5180 | 231.3 | 0.3 | 1.1 | 544.0 | 90.5 | 13.3 | 1.6 | -26.7 | -29.5 | 0.1 |
| 20:42:00 | 15 37.6 | -56 12.0 | -126.6 | -100.2 | 161.4 | 5004 | 231.5 | 0.4 | 1.0 | 549.0 | 90.5 | 13.0 | 0.8 | -31.1 | -34.2 | 0.0 |
| 20:42:01 | 15 28.6 | -56 14.1 | -127.2 | -100.5 | 162.1 | 5171 | 0.1 | -26.3 | -26.8 | 88.9 | 97.0 | -0.0 | -11.7 | 47.0 | 47.0 | 7.9 |
| 20:42:00 | 15 28.6 | -56 14.0 | 326.1 | 328.4 | 4879 | 5176 | 25.6 | -9.8 | -3.1 | 90.0 | 95.7 | -0.6 | 233.0 | 72.4 | 6.6 | 156.9 |
| 20:42:30 | 15 29.6 | -56 17.6 | -133.5 | -94.3 | 163.4 | 5180 | 234.4 | 0.2 | 0.6 | 544.0 | 90.7 | 13.2 | 1.5 | -26.7 | -29.5 | 0.1 |
| 20:42:30 | 15 36.0 | -56 14.2 | -132.0 | -93.6 | 161.8 | 5013 | 234.7 | 0.1 | 0.4 | 548.9 | 90.8 | 12.9 | 0.7 | -31.4 | -34.5 | 0.0 |
| 20:42:31 | 15 27.1 | -56 16.2 | -132.5 | -93.9 | 162.4 | 5170 | -0.1 | -28.0 | -27.3 | 89.2 | 97.0 | -0.0 | -11.7 | 47.0 | 47.0 | 7.9 |
| 20:42:30 | 15 27.1 | -56 16.2 | 325.9 | 328.2 | 4880 | 5177 | 25.6 | -9.5 | -3.0 | 90.1 | 95.9 | -0.6 | 233.3 | 71.1 | 6.6 | 157.0 |
| 20:43:00 | 15 28.1 | -56 19.9 | -134.2 | -93.5 | 163.6 | 5177 | 234.9 | 0.3 | 0.0 | 544.1 | 90.0 | 13.2 | 1.5 | -26.7 | -29.5 | 0.1 |
| 20:43:00 | 15 34.5 | -56 16.4 | -132.7 | -92.8 | 162.0 | 5025 | 235.1 | 0.3 | -0.1 | 549.0 | 90.0 | 12.8 | 0.7 | -31.7 | -34.9 | 0.0 |
| 20:43:01 | 15 25.5 | -56 18.5 | -133.2 | -93.1 | 162.5 | 5168 | -0.1 | -26.7 | -27.1 | 88.4 | 96.6 | -0.0 | -11.6 | 47.0 | 47.0 | 7.9 |
| 20:43:00 | 15 25.6 | -56 18.4 | 326.0 | 328.3 | 4879 | 5177 | 25.6 | -9.9 | -3.1 | 89.3 | 95.1 | -0.6 | 232.3 | 69.3 | 7.4 | 156.4 |
| 20:43:30 | 15 26.6 | -56 22.1 | -134.6 | -93.4 | 163.8 | 5177 | 234.9 | 0.4 | -0.0 | 544.1 | 89.7 | 13.2 | 1.5 | -26.6 | -29.4 | 0.1 |
| 20:43:30 | 15 33.0 | -56 18.6 | -133.1 | -92.8 | 162.2 | 5010 | 235.2 | 0.4 | -0.2 | 549.0 | 89.7 | 12.8 | 0.7 | -31.5 | -34.6 | 0.0 |
| 20:43:31 | 15 24.0 | -56 20.7 | -133.5 | -93.0 | 162.7 | 5165 | -0.2 | -25.5 | -26.3 | 88.1 | 96.2 | -0.0 | -11.6 | 47.0 | 47.0 | 8.0 |
| 20:43:30 | 15 24.1 | -56 20.7 | 326.0 | 328.3 | 4879 | 5177 | 25.4 | -10.5 | -3.3 | 89.2 | 94.8 | -0.6 | 232.0 | 70.5 | 8.0 | 156.2 |
| 20:44:00 | 15 25.0 | -56 24.4 | -134.9 | -93.7 | 164.2 | 5178 | 234.9 | 0.3 | 0.0 | 544.1 | 89.9 | 13.3 | 1.6 | -26.6 | -29.4 | 0.0 |
| 20:44:00 | 15 31.5 | -56 20.9 | -133.4 | -93.1 | 162.6 | 5025 | 235.1 | 0.3 | -0.1 | 549.0 | 89.9 | 13.0 | 0.8 | -30.4 | -33.5 | 0.0 |
| 20:44:01 | 15 22.5 | -56 22.9 | -133.8 | -93.3 | 163.1 | 5161 | -0.1 | -27.0 | -26.7 | 88.3 | 96.2 | -0.0 | -11.6 | 47.0 | 47.0 | 7.9 |
| 20:44:00 | 15 22.5 | -56 22.9 | 326.1 | 328.4 | 4879 | 5177 | 25.1 | -9.8 | -3.1 | 89.3 | 95.0 | -0.6 | 232.2 | 68.5 | 8.1 | 156.4 |
| 20:44:30 | 15 23.5 | -56 26.6 | -135.0 | -93.9 | 164.4 | 5179 | 235.0 | 0.3 | 0.0 | 544.0 | 90.1 | 13.5 | 1.8 | -26.6 | -29.4 | 0.1 |
| 20:44:30 | 15 30.0 | -56 23.1 | -133.5 | -93.3 | 162.9 | 5019 | 235.2 | 0.2 | -0.1 | 549.0 | 90.1 | 13.2 | 1.0 | -30.2 | -33.3 | 0.0 |
| 20:44:31 | 15 21.0 | -56 25.2 | -133.9 | -93.4 | 163.3 | 5164 | 0.3 | -26.7 | -26.7 | 88.5 | 96.4 | -0.0 | -11.6 | 47.0 | 47.0 | 7.8 |
| 20:44:30 | 15 21.0 | -56 25.1 | 326.3 | 328.6 | 4879 | 5178 | 25.1 | -10.2 | -3.3 | 89.5 | 95.3 | -0.6 | 232.5 | 67.4 | 8.1 | 156.6 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:45:00 | 15 22.0 | -56 28.9 | -134.9 | -94.1 | 164.5 | 5180 | 234.9 | 0.2 | -0.1 | 544.0 | 90.2 | 13.5 | 1.8 | -26.6 | -29.4 | 0.1 |
| 20:45:00 | 15 28.5 | -56 25.3 | -133.4 | -93.6 | 163.0 | 5016 | 235.2 | 0.3 | -0.2 | 549.0 | 90.2 | 13.2 | 1.1 | -30.5 | -33.6 | 0.0 |
| 20:45:01 | 15 19.5 | -56 27.4 | -133.7 | -93.7 | 163.3 | 5166 | 0.3 | -27.4 | -26.8 | 88.7 | 96.4 | -0.0 | -11.6 | 47.0 | 47.0 | 7.7 |
| 20:45:00 | 15 19.5 | -56 27.4 | 326.4 | 328.7 | 4879 | 5178 | 25.0 | -9.8 | -3.1 | 89.6 | 95.4 | -0.6 | 232.7 | 66.2 | 8.0 | 156.7 |
| 20:45:30 | 15 20.5 | -56 31.1 | -135.1 | -94.2 | 164.7 | 5180 | 234.8 | 0.3 | 0.1 | 544.0 | 90.3 | 13.5 | 1.8 | -26.7 | -29.5 | 0.1 |
| 20:45:30 | 15 27.0 | -56 27.6 | -133.6 | -93.7 | 163.2 | 5021 | 235.1 | 0.2 | 0.0 | 548.9 | 90.3 | 13.2 | 1.0 | -31.1 | -34.2 | 0.0 |
| 20:45:31 | 15 18.0 | -56 29.7 | -133.8 | -93.8 | 163.4 | 5164 | 0.1 | -27.5 | -26.9 | 88.7 | 96.5 | -0.0 | -11.6 | 47.0 | 47.0 | 7.8 |
| 20:45:30 | 15 18.0 | -56 29.6 | 326.3 | 328.6 | 4880 | 5179 | 25.2 | -9.9 | -3.2 | 89.6 | 95.5 | -0.6 | 232.7 | 67.9 | 8.2 | 156.8 |
| 20:46:00 | 15 18.9 | -56 33.4 | -135.3 | -93.8 | 164.6 | 5182 | 234.9 | 0.3 | 0.1 | 544.0 | 90.5 | 13.5 | 1.7 | -26.7 | -29.5 | 0.1 |
| 20:46:00 | 15 25.4 | -56 29.8 | -133.8 | -93.4 | 163.2 | 5002 | 235.1 | 0.3 | -0.1 | 549.0 | 90.6 | 13.2 | 0.9 | -31.2 | -34.3 | 0.0 |
| 20:46:01 | 15 16.4 | -56 31.9 | -134.0 | -93.4 | 163.3 | 5159 | 0.0 | -27.3 | -26.9 | 88.9 | 96.7 | -0.0 | -11.7 | 47.0 | 47.0 | 7.8 |
| 20:46:00 | 15 16.5 | -56 31.9 | 326.2 | 328.5 | 4879 | 5179 | 25.4 | -10.0 | -3.2 | 89.9 | 95.7 | -0.6 | 233.1 | 69.9 | 8.0 | 156.9 |
| 20:46:30 | 15 17.4 | -56 35.7 | -135.4 | -93.9 | 164.8 | 5180 | 235.0 | 0.2 | -0.0 | 544.0 | 90.1 | 13.4 | 1.7 | -26.6 | -29.4 | 0.1 |
| 20:46:30 | 15 23.9 | -56 32.0 | -133.9 | -93.5 | 163.4 | 5023 | 235.2 | 0.1 | -0.2 | 548.9 | 90.1 | 13.1 | 1.0 | -30.3 | -33.4 | 0.0 |
| 20:46:31 | 15 14.9 | -56 34.1 | -134.0 | -93.5 | 163.4 | 5162 | -0.0 | -26.8 | -26.8 | 88.5 | 96.5 | -0.0 | -11.6 | 47.0 | 47.0 | 7.8 |
| 20:46:30 | 15 14.9 | -56 34.1 | 326.3 | 328.6 | 4880 | 5179 | 25.6 | -10.0 | -3.2 | 89.5 | 95.2 | -0.6 | 232.5 | 67.9 | 8.5 | 156.6 |
| 20:47:00 | 15 15.9 | -56 37.9 | -136.0 | -93.6 | 165.1 | 5182 | 234.8 | 0.2 | 0.2 | 544.0 | 91.2 | 13.4 | 1.5 | -26.6 | -29.4 | 0.1 |
| 20:47:00 | 15 22.4 | -56 34.3 | -134.5 | -93.2 | 163.7 | 5028 | 235.0 | 0.2 | 0.1 | 548.9 | 91.2 | 13.1 | 0.8 | -29.6 | -32.7 | 0.0 |
| 20:47:01 | 15 13.4 | -56 36.4 | -134.6 | -93.2 | 163.7 | 5163 | -0.0 | -28.6 | -27.5 | 89.6 | 97.2 | -0.0 | -11.7 | 47.0 | 47.0 | 7.9 |
| 20:47:00 | 15 13.4 | -56 36.4 | 326.1 | 328.4 | 4880 | 5179 | 25.5 | -10.0 | -3.2 | 90.6 | 96.4 | -0.6 | 233.9 | 76.3 | 8.2 | 157.5 |
| 20:47:30 | 15 14.4 | -56 40.2 | -136.1 | -93.2 | 164.9 | 5179 | 234.9 | 0.3 | -0.1 | 544.1 | 90.6 | 13.2 | 1.4 | -26.6 | -29.4 | 0.1 |
| 20:47:30 | 15 20.9 | -56 36.5 | -134.6 | -92.9 | 163.5 | 5015 | 235.2 | 0.2 | -0.2 | 549.0 | 90.6 | 12.9 | 0.7 | -29.9 | -32.9 | 0.0 |
| 20:47:31 | 15 11.9 | -56 38.6 | -134.6 | -92.8 | 163.5 | 5162 | -0.1 | -27.3 | -27.3 | 89.0 | 96.8 | -0.0 | -11.7 | 47.0 | 47.0 | 8.0 |
| 20:47:30 | 15 11.9 | -56 38.6 | 325.9 | 328.2 | 4879 | 5179 | 25.2 | -10.6 | -3.4 | 90.0 | 95.8 | -0.6 | 233.2 | 77.0 | 8.7 | 156.9 |
| 20:48:00 | 15 12.9 | -56 42.5 | -136.2 | -93.2 | 165.0 | 5179 | 235.0 | 0.3 | -0.1 | 544.0 | 91.3 | 13.2 | 1.4 | -26.5 | -29.3 | 0.1 |
| 20:48:00 | 15 19.4 | -56 38.8 | -134.7 | -92.9 | 163.7 | 5022 | 235.2 | 0.3 | -0.3 | 549.0 | 91.3 | 13.0 | 0.6 | -30.5 | -33.6 | 0.0 |
| 20:48:01 | 15 10.4 | -56 40.9 | -134.7 | -92.8 | 163.6 | 5166 | -0.2 | -27.6 | -27.2 | 89.7 | 97.5 | -0.0 | -11.8 | 47.0 | 47.0 | 8.1 |
| 20:48:00 | 15 10.4 | -56 40.9 | 325.9 | 328.2 | 4879 | 5180 | 25.6 | -10.1 | -3.3 | 90.7 | 96.6 | -0.6 | 234.1 | 75.8 | 8.1 | 157.5 |
| 20:48:30 | 15 11.3 | -56 44.8 | -135.7 | -93.6 | 164.8 | 5180 | 235.1 | 0.2 | -0.1 | 544.0 | 90.9 | 13.4 | 1.7 | -26.4 | -29.2 | 0.1 |
| 20:48:30 | 15 17.9 | -56 41.1 | -134.2 | -93.3 | 163.5 | 5015 | 235.3 | 0.1 | -0.3 | 548.9 | 90.9 | 13.1 | 0.9 | -30.3 | -33.4 | 0.0 |
| 20:48:31 | 15 8.9 | -56 43.1 | -134.2 | -93.2 | 163.3 | 5167 | 0.1 | -27.9 | -27.4 | 89.3 | 97.1 | -0.0 | -11.7 | 47.0 | 47.0 | 8.0 |
| 20:48:30 | 15 8.9 | -56 43.1 | 326.2 | 328.5 | 4880 | 5179 | 25.8 | -9.8 | -3.1 | 90.3 | 96.1 | -0.6 | 233.5 | 69.4 | 7.9 | 157.2 |
| 20:49:00 | 15 9.8 | -56 47.0 | -135.6 | -94.2 | 165.1 | 5177 | 235.0 | 0.3 | 0.1 | 544.0 | 91.2 | 13.5 | 1.7 | -26.2 | -29.0 | 0.1 |
| 20:49:00 | 15 16.3 | -56 43.3 | -134.2 | -94.0 | 163.9 | 5031 | 235.2 | 0.3 | -0.0 | 548.9 | 91.2 | 13.2 | 0.9 | -30.2 | -33.3 | 0.0 |
| 20:49:01 | 15 7.4 | -56 45.4 | -134.1 | -93.8 | 163.6 | 5165 | 0.1 | -27.4 | -27.1 | 89.5 | 97.4 | -0.0 | -11.7 | 47.0 | 47.0 | 8.2 |
| 20:49:00 | 15 7.4 | -56 45.3 | 326.2 | 328.6 | 4880 | 5179 | 25.7 | -10.7 | -3.5 | 90.6 | 96.5 | -0.6 | 233.9 | 69.6 | 7.9 | 157.5 |
| 20:49:30 | 15 8.3 | -56 49.3 | -135.7 | -94.1 | 165.2 | 5180 | 234.9 | 0.2 | -0.0 | 543.9 | 91.4 | 13.6 | 1.8 | -26.0 | -28.8 | 0.1 |
| 20:49:30 | 15 14.8 | -56 45.5 | -134.3 | -94.0 | 163.9 | 5029 | 235.2 | 0.2 | -0.2 | 548.9 | 91.4 | 13.3 | 1.0 | -29.8 | -32.9 | 0.0 |
| 20:49:31 | 15 5.8 | -56 47.6 | -134.1 | -93.8 | 163.6 | 5164 | 0.0 | -27.6 | -27.2 | 89.7 | 97.6 | -0.0 | -11.8 | 47.0 | 47.0 | 8.3 |
| 20:49:30 | 15 5.9 | -56 47.6 | 326.3 | 328.7 | 4880 | 5179 | 25.6 | -10.1 | -3.3 | 90.8 | 96.6 | -0.6 | 234.1 | 69.9 | 7.8 | 157.7 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:50:00 | 15 6.8 | -56 51.6 | -135.8 | -94.1 | 165.2 | 5179 | 234.9 | 0.3 | 0.1 | 544.1 | 91.1 | 13.3 | 1.5 | -26.0 | -28.7 | 0.1 |
| 20:50:00 | 15 13.3 | -56 47.8 | -134.4 | -93.9 | 164.0 | 5014 | 235.1 | 0.3 | -0.1 | 549.0 | 91.1 | 13.0 | 0.8 | -29.4 | -32.5 | 0.0 |
| 20:50:01 | 15 4.3 | -56 49.9 | -134.1 | -93.7 | 163.6 | 5164 | -0.0 | -27.2 | -27.1 | 89.4 | 97.3 | -0.0 | -11.7 | 47.0 | 47.0 | 8.5 |
| 20:50:00 | 15 4.3 | -56 49.8 | 326.0 | 328.5 | 4879 | 5178 | 25.6 | -10.4 | -3.4 | 90.5 | 96.2 | -0.6 | 233.7 | 71.5 | 8.2 | 157.3 |
| 20:50:30 | 15 5.2 | -56 53.9 | -135.9 | -93.9 | 165.2 | 5179 | 235.0 | 0.2 | 0.1 | 544.0 | 91.4 | 13.5 | 1.7 | -26.0 | -28.7 | 0.1 |
| 20:50:30 | 15 11.8 | -56 50.0 | -134.5 | -93.9 | 164.0 | 5033 | 235.2 | 0.1 | -0.0 | 548.9 | 91.4 | 13.2

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:55:00 | 14 51.6 | -57 14.3 | -135.5 | -92.3 | 163.9 | 5181 | 234.9 | 0.2 | -0.0 | 544.0 | 91.4 | 12.6 | 0.8 | -25.8 | -28.6 | 0.1 |
| 20:55:00 | 14 58.2 | -57 10.3 | -134.4 | -92.6 | 163.2 | 5012 | 235.2 | 0.2 | -0.1 | 548.8 | 91.4 | 12.3 | 0.0 | -29.3 | -32.4 | 0.0 |
| 20:55:01 | 14 49.3 | -57 12.3 | -133.6 | -92.1 | 162.3 | 5167 | -0.6 | -29.0 | -27.5 | 89.8 | 97.4 | -0.0 | -11.8 | 47.0 | 47.0 | 9.0 |
| 20:55:00 | 14 49.3 | -57 12.3 | 325.2 | 327.7 | 4881 | 5177 | 25.6 | -9.2 | -2.9 | 90.8 | 96.6 | -0.6 | 234.1 | 81.2 | 7.3 | 157.4 |
| 20:55:30 | 14 50.1 | -57 16.6 | -135.9 | -92.6 | 164.4 | 5179 | 234.9 | 0.3 | 0.1 | 544.0 | 91.6 | 12.7 | 0.8 | -25.8 | -28.6 | 0.1 |
| 20:55:30 | 14 56.7 | -57 12.6 | -134.8 | -92.9 | 163.7 | 5029 | 235.2 | 0.2 | -0.0 | 548.9 | 91.6 | 12.4 | 0.1 | -28.1 | -31.0 | 0.0 |
| 20:55:31 | 14 47.8 | -57 14.5 | -134.0 | -92.4 | 162.8 | 5167 | -0.8 | -28.4 | -27.4 | 89.9 | 97.6 | -0.0 | -11.8 | 47.0 | 47.0 | 9.0 |
| 20:55:30 | 14 47.8 | -57 14.5 | 325.2 | 327.7 | 4880 | 5177 | 25.6 | -9.9 | -3.2 | 90.9 | 96.8 | -0.6 | 234.3 | 82.2 | 7.8 | 157.5 |
| 20:56:00 | 14 48.6 | -57 18.9 | -136.1 | -92.9 | 164.8 | 5178 | 235.0 | 0.2 | 0.0 | 544.0 | 92.1 | 12.7 | 0.8 | -25.9 | -28.6 | 0.1 |
| 20:56:00 | 14 55.2 | -57 14.8 | -135.1 | -93.3 | 164.1 | 5008 | 235.2 | 0.2 | -0.1 | 548.9 | 92.1 | 12.4 | -0.0 | -27.7 | -30.6 | 0.1 |
| 20:56:01 | 14 46.3 | -57 16.8 | -134.3 | -92.7 | 163.2 | 5167 | -0.8 | -29.0 | -27.5 | 90.4 | 98.1 | -0.0 | -11.8 | 47.0 | 47.0 | 9.0 |
| 20:56:00 | 14 46.3 | -57 16.7 | 325.1 | 327.6 | 4880 | 5176 | 25.6 | -9.9 | -3.2 | 91.5 | 97.4 | -0.6 | 235.0 | 79.7 | 7.5 | 158.0 |
| 20:56:30 | 14 47.1 | -57 21.1 | -136.5 | -92.7 | 165.0 | 5179 | 235.0 | 0.3 | 0.0 | 544.0 | 92.1 | 12.7 | 0.8 | -25.9 | -28.6 | 0.1 |
| 20:56:30 | 14 53.6 | -57 17.1 | -135.4 | -93.2 | 164.4 | 5011 | 235.3 | 0.2 | -0.1 | 548.9 | 92.1 | 12.4 | -0.0 | -27.7 | -30.6 | 0.0 |
| 20:56:31 | 14 44.8 | -57 19.0 | -134.6 | -92.6 | 163.4 | 5167 | -0.8 | -27.6 | -27.1 | 90.4 | 98.2 | -0.0 | -11.8 | 47.0 | 47.0 | 9.0 |
| 20:56:30 | 14 44.8 | -57 19.0 | 325.1 | 327.6 | 4880 | 5176 | 25.6 | -10.1 | -3.2 | 91.5 | 97.4 | -0.6 | 235.0 | 79.9 | 7.8 | 158.0 |
| 20:57:00 | 14 45.6 | -57 23.4 | -136.6 | -92.7 | 165.1 | 5179 | 234.9 | 0.1 | 0.1 | 544.0 | 91.9 | 12.7 | 0.8 | -26.2 | -29.0 | 0.1 |
| 20:57:00 | 14 52.1 | -57 19.4 | -135.6 | -93.2 | 164.6 | 5028 | 235.1 | 0.1 | -0.0 | 548.9 | 91.9 | 12.4 | 0.0 | -27.7 | -30.6 | 0.0 |
| 20:57:01 | 14 43.2 | -57 21.3 | -134.7 | -92.7 | 163.5 | 5166 | -0.8 | -30.0 | -28.0 | 90.2 | 97.8 | -0.0 | -11.8 | 47.0 | 47.0 | 8.7 |
| 20:57:00 | 14 43.3 | -57 21.2 | 325.2 | 327.6 | 4881 | 5175 | 25.4 | -10.3 | -3.3 | 91.2 | 97.1 | -0.6 | 234.8 | 82.7 | 8.3 | 157.8 |
| 20:57:30 | 14 44.1 | -57 25.7 | -132.8 | -99.0 | 165.6 | 5179 | 232.6 | 0.0 | 1.7 | 543.8 | 93.1 | 12.7 | 0.7 | -26.3 | -29.1 | 0.1 |
| 20:57:30 | 14 50.6 | -57 21.6 | -131.8 | -99.5 | 165.1 | 5007 | 232.9 | -0.0 | 1.6 | 548.8 | 93.1 | 12.4 | -0.1 | -27.6 | -30.5 | 0.0 |
| 20:57:31 | 14 41.7 | -57 23.5 | -130.7 | -99.1 | 164.0 | 5168 | -0.8 | -29.9 | -27.8 | 91.2 | 99.0 | -0.0 | -12.0 | 47.0 | 47.0 | 8.7 |
| 20:57:30 | 14 41.7 | -57 23.5 | 325.1 | 327.4 | 4881 | 5176 | 25.3 | -11.9 | -3.9 | 92.4 | 98.4 | -0.6 | 236.2 | 79.1 | 7.7 | 158.8 |
| 20:58:00 | 14 42.5 | -57 27.9 | -134.9 | -96.4 | 165.8 | 5178 | 233.5 | 0.8 | 0.1 | 543.8 | 93.1 | 12.8 | 0.8 | -26.4 | -29.2 | 0.1 |
| 20:58:00 | 14 49.0 | -57 23.9 | -134.0 | -96.9 | 165.4 | 5029 | 233.7 | 0.8 | -0.1 | 548.9 | 93.2 | 12.5 | 0.0 | -27.7 | -30.6 | 0.0 |
| 20:58:01 | 14 40.1 | -57 25.7 | -133.0 | -96.3 | 164.2 | 5162 | -0.7 | -26.1 | -26.6 | 91.5 | 99.4 | -0.0 | -12.0 | 47.0 | 47.0 | 8.5 |
| 20:58:00 | 14 40.2 | -57 25.7 | 325.2 | 327.5 | 4880 | 5175 | 25.3 | -10.0 | -3.1 | 92.6 | 98.5 | -0.6 | 236.3 | 82.3 | 8.0 | 158.8 |
| 20:58:30 | 14 41.0 | -57 30.2 | -134.5 | -95.0 | 164.6 | 5205 | 233.6 | 0.3 | -0.0 | 542.1 | 91.9 | 12.5 | 0.6 | -26.5 | -29.3 | 0.1 |
| 20:58:30 | 14 47.4 | -57 26.1 | -133.6 | -95.5 | 164.2 | 5041 | 233.8 | 0.2 | -0.2 | 547.1 | 91.9 | 12.2 | -0.2 | -28.0 | -30.9 | 0.0 |
| 20:58:31 | 14 38.6 | -57 27.9 | -132.6 | -94.9 | 163.1 | 5188 | -1.0 | -28.3 | -27.6 | 90.2 | 98.1 | -0.0 | -11.9 | 47.0 | 47.0 | 8.6 |
| 20:58:30 | 14 38.6 | -57 27.9 | 325.2 | 327.5 | 4905 | 5202 | 23.9 | -9.8 | -3.2 | 91.2 | 97.1 | -0.6 | 234.7 | 87.1 | 8.0 | 158.0 |
| 20:59:00 | 14 39.4 | -57 32.4 | -134.8 | -94.9 | 164.8 | 5209 | 233.5 | 0.2 | 0.1 | 541.9 | 92.0 | 12.5 | 0.6 | -26.5 | -29.4 | 0.1 |
| 20:59:00 | 14 45.9 | -57 28.3 | -133.9 | -95.5 | 164.5 | 5043 | 233.8 | 0.2 | 0.0 | 546.9 | 92.1 | 12.2 | -0.2 | -28.0 | -30.9 | 0.0 |
| 20:59:01 | 14 37.1 | -57 30.1 | -132.9 | -94.9 | 163.3 | 5188 | -1.0 | -28.3 | -27.7 | 90.3 | 98.2 | -0.0 | -11.9 | 47.0 | 47.0 | 8.6 |
| 20:59:00 | 14 37.3 | -57 29.8* | 325.2 | 327.6 | 4907 | 5205 | 24.9 | -10.1 | -3.2 | 91.4 | 97.3 | -0.6 | 234.9 | 89.6 | 8.3 | 158.1 |
| 20:59:30 | 14 37.9 | -57 34.7 | -135.1 | -94.9 | 165.2 | 5207 | 233.5 | 0.2 | 0.2 | 541.9 | 92.4 | 12.7 | 0.8 | -26.6 | -29.4 | 0.1 |
| 20:59:30 | 14 44.3 | -57 30.6 | -134.3 | -95.6 | 164.8 | 5056 | 233.8 | 0.2 | 0.1 | 547.0 | 92.4 | 12.4 | -0.0 | -28.0 | -30.9 | 0.0 |
| 20:59:31 | 14 35.5 | -57 32.4 | -133.3 | -95.0 | 163.7 | 5186 | -0.7 | -28.8 | -27.9 | 90.7 | 98.5 | -0.0 | -11.9 | 47.0 | 47.0 | 8.4 |
| 20:59:30 | 14 35.5 | -57 32.3 | 325.5 | 327.8 | 4906 | 5204 | 24.9 | -10.0 | -3.2 | 91.7 | 97.7 | -0.6 | 235.3 | 90.7 | 8.4 | 158.4 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 21:00:00 | 14 36.3 | -57 36.9 | -135.2 | -95.0 | 165.3 | 5208 | 233.6 | 0.2 | -0.1 | 541.9 | 93.0 | 12.5 | 0.5 | -26.6 | -29.4 | 0.1 |
| 21:00:00 | 14 42.8 | -57 32.8 | -134.5 | -95.7 | 165.0 | 5047 | 233.8 | 0.2 | -0.2 | 546.9 | 93.0 | 12.2 | -0.3 | -28.1 | -31.0 | 0.0 |
| 21:00:01 | 14 34.0 | -57 34.6 | -133.4 | -95.1 | 163.8 | 5185 | -1.1 | -29.9 | -28.4 | 91.2 | 98.9 | -0.0 | -12.0 | 47.0 | 47.0 | 8.6 |
| 21:00:00 | 14 34.0 | -57 34.5 | 325.1 | 327.5 | 4907 | 5205 | 25.2 | -9.9 | -3.2 | 92.3 | 98.2 | -0.6 | 236.0 | 90.5 | 8.1 | 158.8 |
| 21:00:30 | 14 34.8 | -57 39.2 | -135.5 | -95.2 | 165.6 | 5209 | 233.6 | 0.1 | 0.1 | 541.9 | 93.0 | 12.6 | 0.6 | -26.6 | -29.4 | 0.1 |
| 21:00:30 | 14 41.2 | -57 35.0 | -134.8 | -95.9 | 165.4 | 5050 | 233.9 | 0.0 | -0.1 | 546.9 | 93.1 | 12.3 | -0.2 | -27.7 | -30.6 | 0.0 |
| 21:00:31 | 14 32.4 | -57 36.8 | -133.7 | -95.3 | 164.2 | 5185 | -0.9 | -29.9 | -28.4 | 91.2 | 99.0 | -0.0 | -12.0 | 47.0 | 47.0 | 8.5 |
| 21:00:30 | 14 32.4 | -57 36.8 | 325.2 | 327.6 | 4908 | 5205 | 25.2 | -10.0 | -3.2 | 92.3 | 98.3 | -0.6 | 236.2 | 88.9 | 8.2 | 158.9 |
| 21:01:00 | 14 33.2 | -57 41.5 | -135.9 | -95.3 | 166.0 | 5208 | 233.5 | 0.1 | 0.0 | 541.9 | 92.7 | 12.6 | 0.6 | -26.6 | -29.4 | 0.1 |
| 21:01:00 | 14 39.7 | -57 37.3 | -135.2 | -96.0 | 165.8 | 5048 | 233.8 | 0.1 | -0.1 | 546.9 | 92.7 | 12.4 | -0.1 | -27.6 | -30.5 | 0.0 |
| 21:01:01 | 14 30.9 | -57 39.0 | -134.1 | -95.4 | 164.6 | 5186 | -0.9 | -29.8 | -28.6 | 90.9 | 98.7 | -0.0 | -12.0 | 47.0 | 47.0 | 8.4 |
| 21:01:00 | 14 30.9 | -57 39.0 | 325.3 | 327.6 | 4907 | 5205 | 25.3 | -10.4 | -3.4 | 92.0 | 98.0 | -0.6 | 235.8 | 89.6 | 9.0 | 158.7 |
| 21:01:30 | 14 31.7 | -57 43.7 | -135.6 | -95.4 | 165.8 | 5208 | 233.6 | 0.2 | -0.1 | 542.0 | 92.4 | 12.5 | 0.6 | -26.6 | -29.5 | 0.1 |
| 21:01:30 | 14 38.1 | -57 39.6 | -134.9 | -96.2 | 165.7 | 5043 | 233.9 | 0.1 | -0.3 | 546.9 | 92.4 | 12.2 | -0.2 | -27.7 | -30.6 | 0.0 |
| 21:01:31 | 14 29.3 | -57 41.3 | -133.8 | -95.5 | 164.4 | 5186 | -1.0 | -29.6 | -28.5 | 90.6 | 98.5 | -0.0 | -11.9 | 47.0 | 47.0 | 8.5 |
| 21:01:30 | 14 29.3 | -57 41.2 | 325.2 | 327.6 | 4907 | 5205 | 25.2 | -10.4 | -3.4 | 91.6 | 97.6 | -0.6 | 235.4 | 87.5 | 8.9 | 158.4 |
| 21:02:00 | 14 30.1 | -57 46.0 | -136.0 | -97.4 | 167.3 | 5188 | 233.2 | -0.8 | 1.0 | 543.3 | 94.2 | 12.9 | 0.8 | -26.7 | -29.5 | 0.1 |
| 21:02:00 | 14 36.5 | -57 41.8 | -135.4 | -98.2 | 167.3 | 5046 | 233.4 | -0.8 | 0.9 | 548.3 | 94.2 | 12.6 | -0.0 | -27.8 | -30.7 | 0.0 |
| 21:02:01 | 14 27.8 | -57 43.5 | -134.3 | -97.7 | 166.1 | 5167 | -0.7 | -30.6 | -27.9 | 92.3 | 99.7 | -0.0 | -12.1 | 47.0 | 47.0 | 8.3 |
| 21:02:00 | 14 27.8 | -57 43.5 | 325.2 | 327.5 | 4889 | 5186 | 24.8 | -10.3 | -3.3 | 93.5 | 99.5 | -0.6 | 237.6 | 84.8 | 8.8 | 159.7 |
| 21:02:30 | 14 28.6 | -57 48.3 | -138.4 | -99.0 | 170.2 | 5135 | 233.9 | -0.8 | 0.0 | 546.9 | 98.7 | 13.8 | 1.2 | -26.6 | -29.4 | 0.1 |
| 21:02:30 | 14 34.9 | -57 44.1 | -137.8 | -99.8 | 170.2 | 4976 | 234.1 | -0.9 | -0.1 | 552.1 | 98.7 | 13.5 | 0.4 | -27.8 | -30.7 | 0.0 |
| 21:02:31 | 14 26.2 | -57 45.8 | -136.7 | -99.2 | 168.9 | 5109 | -0.3 | -34.3 | -29.9 | 96.5 | 103.8 | -0.0 | -12.5 | 47.0 | 47.0 | 8.1 |
| 21:02:30 | 14 26.2 | -57 45.7 | 325.1 | 327.3 | 4836 | 5130 | 24.8 | -11.0 | -3.5 | 97.9 | 104.2 | -0.6 | 243.0 | 75.3 | 7.8 | 162.9 |
| 21:03:00 | 14 26.9 | -57 50.6 | -141.0 | -99.3 | 172.5 | 5076 | 234.1 | -1.1 | 0.9 | 550.9 | 103.1 | 14.6 | 1.6 | -26.6 | -29.4 | 0.1 |
| 21:03:00 | 14 33.3 | -57 46.4 | -140.5 | -100.2 | 172.6 | 4922 | 234.3 | -1.1 | 0.8 | 556.3 | 103.1 | 14.4 | 0.7 | -27.6 | -30.5 | 0.0 |
| 21:03:01 | 14 24.6 | -57 48.1 | -139.3 | -99.7 | 171.3 | 5051 | 0.2 | -37.8 | -31.8 | 100.5 | 107.8 | -0.0 | -13.0 | 47.0 | 47.0 | 7.9 |
| 21:03:00 | 14 24.6 | -57 48.0 | 324.9 | 327.2 | 4780 | 5070 | 25.2 | -11.3 | -3.8 | 102.2 | 108.8 | -0.6 | 248.2 | 81.5 | 7.5 | 165.8 |
| 21:03:30 | 14 25.3 | -57 53.0 | -142.3 | -97.0 | 172.2 | 4991 | 234.6 | -1.3 | 0.1 | 556.7 | 103.9 | 15.4 | 2.4 | -26.4 | -29.2 | 0.1 |
| 21:03:30 | 14 31.7 | -57 48.8 | -141.8 | -97.9 | 172.3 | 4833 | 234.9 | -1.4 | 0.0 | 562.2 | 103.9 | 15.2 | 1.5 | -27.5 | -30.4 | 0.0 |
| 21:03:31 | 14 22.9 | -57 50.4 | -140.6 | -97.4 | 171.0 | 4975 | 0.9 | -38.0 | -31.9 | 101.3 | 108.5 | -0.0 | -12.9 | 47.0 | 47.0 | 7.6 |
| 21:03:30 | 14 23.0 | -57 50.4 | 324.8 | 327.1 | 4700 | 4985 | 25.0 | -10.9 | -3.6 | 103.0 | 109.7 | -0.6 | 249.1 | 89.3 | 7.8 | 165.8 |
| 21:04:00 | 14 23.8 | -57 55.3 | -142.4 | -96.3 | 171.9 | 4888 | 235.0 | -1.3 | 0.1 | 564.0 | 105.1 | 16.0 | 3.0 | -26.3 | -29.0 | 0.1 |
| 21:04:00 | 14 30.1 | -57 51.1 | -142.0 | -97.2 | 172.0 | 4736 | 235.2 | -1.3 | -0.0 | 569.5 | 105.1 | 15.8 | 2.1 | -29.7 | -32.7 | 0.0 |
| 21:04:01 | 14 21.4 | -57 52.7 | -140.7 | -96.7 | 170.7 | 4871 | 1.4 | -39.5 | -33.1 | 102.6 | 110.0 | -0.0 | -12.9 | 47.0 | 47.0 | 7.4 |
| 21:04:00 | 14 22.0 | -57 51.8 | 324.3 | 326.6 | 4603 | 4924 | 25.1 | -11.4 | -3.9 | 104.2 | 111.0 | -0.6 | 250.5 | 88.1 | 7.2 | 165.9 |
| 21:04:30 | 14 22.2 | -57 57.7 | -142.4 | -95.6 | 171.5 | 4788 | 235.2 | -1.3 | 0.1 | 571.0 | 105.8 | 16.5 | 3.5 | -26.1 | -28.8 | 0.1 |
| 21:04:30 | 14 28.5 | -57 53.5 | -142.0 | -96.6 | 171.7 | 4750 | 235.4 | -1.4 | -0.1 | 576.5 | 105.8 | 16.3 | 2.7 | -32.0 | -35.2 | 0.0 |
| 21:04:31 | 14 19.8 | -57 55.1 | -140.7 | -96.1 | 170.4 | 4776 | 1.8 | -40.4* | -33.4 | 103.3 | 110.7 | -0.0 | -12.8 | 47.0 | 47.0 | 7.3 |
| 21:04:30 | 14 19.9 | -57 54.9 | 323.8 | 326.1 | 4510 | 4789 | 25.1 | -11.2 | -3.9 | 104.8 | 111.7 | -0.6 | 251.3 | 88.7 | 7.1 | 165.6 |



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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 |
| 21:05:00 | 14 20.7 | -58 0.1 | -141.7 | -94.9 | 170.6 | 4692 | 235.2 | -1.4 | -0.1 | 577.7 | 106.5 | 16.4 | 3.5 | -25.8 | -28.6 | 0.1 |
| 21:05:00 | 14 27.0 | -57 55.9 | -141.4 | -95.9 | 170.8 | 4651 | 235.4 | -1.4 | -0.2 | 583.3 | 106.6 | 16.2 | 2.7 | -32.5 | -35.7 | 0.1 |
| 21:05:01 | 14 18.3 | -57 57.4 | -140.1 | -95.5 | 169.5 | 4680 | 2.0 | -42.4* | -34.3 | 104.1 | 111.5 | -0.0 | -12.8 | 47.0 | 47.0 | 7.5 |
| 21:05:00 | 14 18.3 | -57 57.4 | 322.7 | 325.0 | 4421 | 4687 | 23.3 | -10.7 | -3.7 | 105.5 | 112.5 | -0.6 | 252.1 | 91.8 | 6.7 | 165.2 |
| 21:05:30 | 14 19.1 | -58 2.4 | -140.7 | -93.8 | 169.1 | 4592 | 235.3 | -1.3 | 0.1 | 585.2 | 103.4 | 16.5 | 4.0 | -25.6 | -28.3 | 0.1 |
| 21:05:30 | 14 25.4 | -57 58.2 | -140.4 | -94.7 | 169.4 | 4554 | 235.6 | -1.3 | -0.0 | 590.8 | 103.4 | 16.3 | 3.2 | -30.5 | -33.5 | 0.0 |
| 21:05:31 | 14 16.7 | -57 59.7 | -139.1 | -94.3 | 168.1 | 4581 | 2.4 | -38.4 | -32.1 | 101.3 | 108.3 | -0.0 | -12.3 | 47.0 | 47.0 | 7.3 |
| 21:05:30 | 14 16.8 | -57 59.6 | 322.1 | 324.5 | 4325 | 4592 | 25.0 | -10.9 | -3.6 | 102.5 | 109.2 | -0.6 | 248.5 | 85.0 | 8.0 | 162.1 |
| 21:06:00 | 14 17.6 | -58 4.8 | -139.8 | -93.8 | 168.4 | 4494 | 235.6 | -1.3 | -0.2 | 592.5 | 103.7 | 16.9 | 4.5 | -25.4 | -28.1 | 0.1 |
| 21:06:00 | 14 23.9 | -58 0.5 | -139.5 | -94.8 | 168.7 | 4456 | 235.8 | -1.3 | -0.3 | 597.9 | 103.7 | 16.7 | 3.7 | -26.1 | -28.8 | 0.0 |
| 21:06:01 | 14 15.2 | -58 2.1 | -138.2 | -94.4 | 167.3 | 4479 | 2.7 | -38.4 | -32.2 | 101.7 | 108.7 | -0.0 | -12.2 | 47.0 | 47.0 | 7.3 |
| 21:06:00 | 14 15.2 | -58 2.0 | 321.6 | 324.0 | 4233 | 4485 | 23.8 | -10.7 | -3.6 | 102.8 | 109.4 | -0.6 | 248.8 | 77.7 | 7.4 | 161.5 |
| 21:06:30 | 14 16.1 | -58 7.1 | -139.3 | -93.8 | 167.9 | 4390 | 235.5 | -1.3 | -0.1 | 600.0 | 104.6 | 17.3 | 4.9 | -25.1 | -27.8 | 0.1 |
| 21:06:30 | 14 22.3 | -58 2.9 | -139.0 | -94.8 | 168.3 | 4349 | 235.8 | -1.4 | -0.2 | 605.5 | 104.6 | 17.1 | 4.2 | -25.4 | -28.2 | 0.0 |
| 21:06:31 | 14 13.6 | -58 4.4 | -137.7 | -94.5 | 167.0 | 4377 | 3.4 | -39.3 | -32.9 | 102.6 | 109.6 | -0.0 | -12.2 | 47.0 | 47.0 | 7.2 |
| 21:06:30 | 14 13.9 | -58 4.0 | 321.0 | 323.3 | 4137 | 4397 | 25.1 | -10.8 | -3.6 | 103.7 | 110.4 | -0.6 | 249.9 | 76.5 | 7.0 | 161.4 |
| 21:07:00 | 14 14.6 | -58 9.4 | -138.8 | -93.7 | 167.5 | 4297 | 235.5 | -1.6 | 0.1 | 607.1 | 104.3 | 17.8 | 5.5 | -24.9 | -27.6 | 0.1 |
| 21:07:00 | 14 20.8 | -58 5.2 | -138.6 | -94.7 | 167.9 | 4250 | 235.7 | -1.6 | -0.1 | 612.5 | 104.3 | 17.6 | 4.8 | -24.6 | -27.3 | 0.0 |
| 21:07:01 | 14 12.1 | -58 6.6 | -137.3 | -94.4 | 166.6 | 4283 | 3.9 | -41.9* | -33.6 | 102.4 | 109.3 | -0.0 | -12.0 | 47.0 | 47.0 | 7.1 |
| 21:07:00 | 14 12.4 | -58 6.2 | 320.6 | 323.0 | 4048 | 4308 | 25.1 | -11.3 | -3.9 | 103.3 | 110.1 | -0.6 | 249.6 | 75.9 | 7.5 | 160.5 |
| 21:07:30 | 14 13.0 | -58 11.8 | -141.5 | -96.6 | 171.3 | 4121 | 235.3 | -2.3 | -0.2 | 619.9 | 112.3 | 19.3 | 6.5 | -24.7 | -27.3 | 0.1 |
| 21:07:30 | 14 19.2 | -58 7.5 | -141.3 | -97.7 | 171.8 | 4074 | 235.6 | -2.4 | -0.3 | 625.7 | 112.3 | 19.2 | 5.7 | -20.5 | -22.8 | 0.0 |
| 21:07:31 | 14 10.6 | -58 9.0 | -139.9 | -97.4 | 170.5 | 4109 | 5.0 | -46.2* | -37.5 | 110.0 | 117.6 | -0.0 | -12.6 | 47.0 | 47.0 | 6.8 |
| 21:07:30 | 14 10.6 | -58 8.9 | 319.7 | 322.1 | 3884 | 4116 | 25.7 | -11.7 | -4.2 | 111.2 | 118.5* | -0.6 | 258.6 | 74.6 | 7.0 | 164.8 |
| 21:08:00 | 14 11.4 | -58 14.1 | -143.2 | -97.5 | 173.2 | 3950 | 234.9 | -2.3 | 0.1 | 632.7 | 117.6 | 21.0 | 7.8 | -24.3 | -26.9 | 0.1 |
| 21:08:00 | 14 17.6 | -58 9.9 | -143.0 | -98.6 | 173.7 | 3908 | 235.1 | -2.3 | -0.0 | 638.9 | 117.6 | 20.9 | 7.0 | -20.9 | -23.3 | 0.0 |
| 21:08:01 | 14 9.0 | -58 11.3 | -141.7 | -98.3 | 172.5 | 3941 | 6.3 | -50.5* | -39.9 | 115.2 | 122.7 | -0.0 | -12.9 | 47.0 | 47.0 | 6.4 |
| 21:08:00 | 14 9.0 | -58 11.3 | 319.3 | 321.8 | 3724 | 3947 | 25.8 | -11.7 | -4.1 | 116.3 | 124.1* | -0.6 | 264.4 | 84.9 | 7.0 | 167.1 |
| 21:08:30 | 14 9.9 | -58 16.5 | -143.3 | -97.2 | 173.2 | 3782 | 235.0 | -2.4 | 0.1 | 645.6 | 122.5 | 22.3 | 8.8 | -23.8 | -26.4 | 0.1 |
| 21:08:30 | 14 16.0 | -58 12.3 | -143.2 | -98.3 | 173.7 | 3745 | 235.2 | -2.4 | -0.0 | 652.2 | 122.5 | 22.2 | 8.0 | -19.7 | -21.9 | 0.0 |
| 21:08:31 | 14 7.4 | -58 13.7 | -141.8 | -98.1 | 172.4 | 3775 | 7.1 | -54.5* | -42.9* | 119.9 | 127.9 | -0.0 | -13.1 | 47.0 | 47.0 | 6.3 |
| 21:08:30 | 14 8.0 | -58 12.7 | 318.6 | 321.1 | 3565 | 3846 | 25.8 | -12.8 | -4.7 | 121.1 | 129.5* | -0.6 | 269.7 | 97.5 | 5.6 | 169.0 |
| 21:09:00 | 14 8.3 | -58 18.9 | -142.5 | -95.9 | 171.7 | 3616 | 235.2 | -2.4 | -0.1 | 658.6 | 122.5 | 23.1 | 9.8 | -23.3 | -25.8 | 0.1 |
| 21:09:00 | 14 14.5 | -58 14.7 | -142.5 | -97.0 | 172.3 | 3581 | 235.5 | -2.3 | -0.2 | 665.1 | 122.5 | 23.0 | 9.0 | -21.0 | -23.3 | 0.0 |
| 21:09:01 | 14 5.8 | -58 16.0 | -141.1 | -96.8 | 171.1 | 3610 | 8.2 | -54.0* | -42.6* | 119.9 | 127.9 | -0.0 | -12.9 | 47.0 | 47.0 | 6.2 |
| 21:09:00 | 14 5.9 | -58 15.8 | 317.9 | 320.5 | 3412 | 3627 | 25.9 | -15.1 | -5.5 | 121.1 | 129.4* | -0.6 | 269.7 | 101.0 | 5.7 | 167.8 |
| 21:09:30 | 14 6.8 | -58 21.2 | -139.4 | -91.8 | 167.0 | 3457 | 235.6 | -2.4 | 0.1 | 671.7 | 118.6 | 23.4 | 10.7 | -20.8 | -23.2 | 0.1 |
| 21:09:30 | 14 12.9 | -58 17.0 | -139.4 | -92.9 | 167.6 | 3421 | 235.9 | -2.4 | -0.0 | 677.9 | 118.5 | 23.3 | 9.9 | -16.5 | -18.4 | 0.0 |
| 21:09:31 | 14 4.2 | -58 18.3 | -138.0 | -92.9 | 166.3 | 3450 | 9.2 | -50.9* | -40.6* | 116.5 | 124.1 | -0.0 | -12.3 | 47.0 | 47.0 | 7.4 |
| 21:09:30 | 14 4.5 | -58 18.0* | 317.1 | 320.3 | 3263 | 3477* | 26.1 | -13.0 | -4.5 | 117.3 | 125.1* | -0.6 | 265.5 | 110.2 | 5.1 | 164.0 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 21:10:00 | 14 5.3 | -58 23.6 | -136.8 | -89.1 | 163.3 | 3288 | 235.9 | -2.4 | -0.1 | 685.8 | 116.9 | 23.8 | 11.5 | -18.5 | -20.7 | 0.1 |
| 21:10:00 | 14 11.4 | -58 19.3 | -136.9 | -90.2 | 163.9 | 3252 | 236.1 | -2.4 | -0.2 | 691.8 | 116.9 | 23.7 | 10.8 | -14.2 | -15.9 | 0.0 |
| 21:10:01 | 14 2.8 | -58 20.6 | -135.4 | -90.1 | 162.7 | 3278 | 10.0 | -49.6* | -39.8 | 115.1 | 122.6 | -0.0 | -11.9 | 47.0 | 47.0 | 8.7 |
| 21:10:00 | 14 2.8 | -58 20.6 | 316.2 | 320.0 | 3105 | 3286 | 26.2 | -11.0 | -3.8 | 115.6 | 123.2* | -0.6 | 263.6 | 121.7 | 4.1 | 161.6 |
| 21:10:30 | 14 3.9 | -58 25.8 | -134.7 | -86.9 | 160.3 | 3117 | 235.9 | -2.4 | 0.1 | 700.0 | 115.2 | 24.3 | 12.3 | -14.8 | -16.6 | 0.1 |
| 21:10:30 | 14 10.0 | -58 21.6 | -134.8 | -88.0 | 161.0 | 3079 | 236.1 | -2.4 | -0.0 | 705.9 | 115.2 | 24.2

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 21:15:00 | 13 50.8 | -58 44.1 | -122.2 | -68.1 | 139.9 | 1954 | 239.5 | -0.3 | -0.1 | 804.5 | 98.5 | 26.7 | 17.4 | -0.8 | -0.9 | 0.1 |
| 21:15:00 | 13 56.8 | -58 39.9 | -122.6 | -69.2 | 140.8 | 1941 | 239.8 | -0.2 | -0.2 | 809.5 | 98.5 | 26.6 | 16.9 | 2.3 | 2.3 | 0.0 |
| 21:15:01 | 13 48.0 | -58 40.9 | -121.1 | -69.6 | 139.7 | 1948 | 16.2 | -36.0 | -32.8 | 98.7 | 106.5 | -0.0 | -8.8 | 47.0 | 47.0 | 28.7 |
| 21:15:00 | 13 48.2 | -58 40.6 | 308.6 | 322.7 | 1854 | 1962 | 27.0 | -9.3 | -3.4 | 97.7 | 104.0 | -0.5 | 242.8 | 148.1 | 4.0 | 139.7 |
| 21:15:30 | 13 49.7 | -58 46.1 | -119.8 | -66.7 | 137.2 | 1952 | 239.4 | -0.0 | -0.1 | 804.8 | 95.1 | 26.5 | 17.4 | -2.3 | -2.6 | 0.1 |
| 21:15:30 | 13 55.6 | -58 41.9 | -120.3 | -67.8 | 138.1 | 1937 | 239.7 | -0.1 | -0.2 | 809.7 | 95.1 | 26.3 | 16.9 | 0.4 | 0.4 | 0.1 |
| 21:15:31 | 13 46.9 | -58 42.9 | -118.9 | -68.4 | 137.1 | 1947 | 16.4 | -33.9 | -32.1 | 95.3 | 103.3 | -0.0 | -8.5 | 47.0 | 47.0 | 25.4 |
| 21:15:30 | 13 47.1 | -58 42.5 | 308.6 | 321.1 | 1852 | 1953 | 26.9 | -9.1 | -3.3 | 94.3 | 100.4 | -0.5 | 238.7 | 152.2 | 4.2 | 137.4 |
| 21:16:00 | 13 48.6 | -58 48.1 | -118.1 | -65.9 | 135.3 | 1952 | 239.4 | 0.1 | -0.1 | 805.0 | 92.6 | 26.0 | 17.2 | 1.5 | 1.5 | 0.1 |
| 21:16:00 | 13 54.5 | -58 43.9 | -118.6 | -67.0 | 136.2 | 1939 | 239.6 | 0.1 | -0.2 | 809.8 | 92.6 | 25.8 | 16.7 | 2.8 | 2.8 | 0.0 |
| 21:16:01 | 13 45.8 | -58 44.9 | -117.2 | -67.6 | 135.3 | 1945 | 16.0 | -31.1 | -30.7 | 93.0 | 100.8 | -0.0 | -8.3 | 47.0 | 47.0 | 34.7 |
| 21:16:00 | 13 45.9 | -58 44.7 | 308.4 | 324.9 | 1851 | 1953 | 26.9 | -9.2 | -3.3 | 92.0 | 97.9 | -0.5 | 235.7 | 154.7 | 4.1 | 135.6 |
| 21:16:30 | 13 47.6 | -58 50.0 | -116.1 | -65.0 | 133.1 | 1950 | 239.4 | 0.4 | -0.1 | 805.2 | 89.3 | 25.6 | 17.1 | -0.1 | -0.1 | 0.1 |
| 21:16:30 | 13 53.5 | -58 45.8 | -116.6 | -66.1 | 134.0 | 1936 | 239.6 | 0.4 | -0.2 | 809.7 | 89.3 | 25.4 | 16.6 | 3.1 | 3.1 | 0.0 |
| 21:16:31 | 13 44.7 | -58 46.8 | -115.3 | -66.7 | 133.2 | 1947 | 15.9 | -28.3 | -28.8 | 89.7 | 97.6 | -0.0 | -8.0 | 47.0 | 47.0 | 31.2 |
| 21:16:30 | 13 44.8 | -58 46.7 | 308.2 | 323.1 | 1851 | 1953 | 26.7 | -8.6 | -3.0 | 88.7 | 94.3 | -0.5 | 231.5 | 150.9 | 3.9 | 133.2 |
| 21:17:00 | 13 46.5 | -58 51.9 | -114.8 | -64.5 | 131.6 | 1951 | 239.3 | 0.4 | 0.0 | 805.1 | 87.4 | 25.6 | 17.3 | -0.8 | -1.0 | 0.1 |
| 21:17:00 | 13 52.4 | -58 47.7 | -115.3 | -65.5 | 132.6 | 1938 | 239.5 | 0.4 | -0.1 | 809.6 | 87.4 | 25.4 | 16.8 | 2.5 | 2.5 | 0.0 |
| 21:17:01 | 13 43.6 | -58 48.7 | -114.0 | -66.2 | 131.8 | 1947 | 16.2 | -26.5 | -27.5 | 87.8 | 95.4 | -0.0 | -7.9 | 47.0 | 47.0 | 28.9 |
| 21:17:00 | 13 43.7 | -58 48.7 | 308.5 | 322.5 | 1853 | 1954 | 26.8 | -8.7 | -3.0 | 86.9 | 92.3 | -0.5 | 229.1 | 153.1 | 3.9 | 131.9 |
| 21:17:30 | 13 45.5 | -58 53.8 | -114.4 | -64.4 | 131.3 | 1952 | 239.1 | 0.3 | -0.0 | 805.1 | 86.7 | 25.5 | 17.2 | 0.7 | 0.7 | 0.1 |
| 21:17:30 | 13 51.3 | -58 49.7 | -115.0 | -65.4 | 132.3 | 1938 | 239.4 | 0.3 | -0.2 | 809.6 | 86.7 | 25.3 | 16.7 | 3.7 | 3.7 | 0.0 |
| 21:17:31 | 13 42.6 | -58 50.6 | -113.7 | -66.1 | 131.5 | 1951 | 15.9 | -26.2 | -27.3 | 87.2 | 94.7 | -0.0 | -7.8 | 47.0 | 47.0 | 32.6 |
| 21:17:30 | 13 42.8 | -58 50.2 | 308.4 | 324.1 | 1853 | 1954 | 26.7 | -7.6 | -2.6 | 86.2 | 91.6 | -0.5 | 228.2 | 150.1 | 4.1 | 131.3 |
| 21:18:00 | 13 44.4 | -58 55.7 | -114.0 | -64.6 | 131.1 | 1951 | 239.3 | 0.4 | -0.2 | 805.2 | 86.1 | 25.4 | 17.1 | -4.0 | -4.5 | 0.1 |
| 21:18:00 | 13 50.3 | -58 51.6 | -114.6 | -65.6 | 132.1 | 1937 | 239.5 | 0.4 | -0.3 | 809.6 | 86.1 | 25.2 | 16.7 | -0.6 | -0.7 | 0.0 |
| 21:18:01 | 13 41.5 | -58 52.5 | -113.4 | -66.5 | 131.4 | 1950 | 15.8 | -25.8 | -27.0 | 86.5 | 94.1 | -0.0 | -7.8 | 47.0 | 47.0 | 22.4 |
| 21:18:00 | 13 41.8* | -58 52.0* | 308.3 | 319.2 | 1853 | 1953 | 26.8 | -8.6 | -3.0 | 85.6 | 90.9 | -0.5 | 227.4 | 145.4 | 3.5 | 130.9 |
| 21:18:30 | 13 43.3 | -58 57.6 | -116.1 | -66.9 | 134.0 | 1954 | 239.1 | 0.3 | 0.1 | 804.9 | 90.2 | 25.5 | 17.0 | -2.0 | -2.3 | 0.1 |
| 21:18:30 | 13 49.2 | -58 53.5 | -116.7 | -67.9 | 135.0 | 1939 | 239.3 | 0.2 | -0.0 | 809.5 | 90.2 | 25.3 | 16.5 | 1.2 | 1.2 | 0.1 |
| 21:18:31 | 13 40.4 | -58 54.4 | -115.5 | -68.7 | 134.4 | 1953 | 15.7 | -29.3 | -28.2 | 90.5 | 97.9 | -0.0 | -8.1 | 47.0 | 47.0 | 26.8 |
| 21:18:30 | 13 40.4 | -58 54.4 | 308.2 | 320.9 | 1854 | 1956 | 26.7 | -9.7 | -3.4 | 89.6 | 95.2 | -0.5 | 232.6 | 145.3 | 3.1 | 133.8 |
| 21:19:00 | 13 42.2 | -58 59.6 | -121.8 | -72.3 | 141.6 | 1952 | 238.4 | -0.2 | 0.0 | 804.5 | 101.4 | 26.5 | 17.0 | -2.0 | -2.2 | 0.1 |
| 21:19:00 | 13 48.0 | -58 55.5 | -122.4 | -73.3 | 142.6 | 1939 | 238.6 | -0.1 | -0.1 | 809.6 | 101.4 | 26.4 | 16.4 | 1.5 | 1.5 | 0.1 |
| 21:19:01 | 13 39.2 | -58 56.4 | -121.3 | -74.2 | 142.1 | 1947 | 15.8 | -39.4 | -33.9 | 101.5 | 109.0 | -0.0 | -9.1 | 47.0 | 47.0 | 26.8 |
| 21:19:00 | 13 39.2 | -58 56.3 | 308.2 | 320.9 | 1853 | 1956 | 26.8 | -9.3 | -3.5 | 100.5 | 106.8 | -0.5 | 246.2 | 146.7 | 2.9 | 141.5 |
| 21:19:30 | 13 41.0 | -59 1.7 | -125.9 | -75.5 | 146.8 | 1955 | 238.3 | -0.3 | 0.1 | 804.0 | 109.0 | 27.2 | 17.0 | -1.4 | -1.5 | 0.1 |
| 21:19:30 | 13 46.8 | -58 57.5 | -126.5 | -76.5 | 147.8 | 1940 | 238.6 | -0.3 | -0.0 | 809.6 | 109.0 | 27.1 | 16.5 | 2.0 | 2.0 | 0.0 |
| 21:19:31 | 13 38.0 | -58 58.4 | -125.5 | -77.4 | 147.4 | 1947 | 15.8 | -45.3* | -37.8 | 108.9 | 116.2 | -0.0 | -9.7 | 47.0 | 47.0 | 28.2 |
| 21:19:30 | 13 38.1 | -58 58.2 | 308.2 | 321.6 | 1853 | 1956 | 26.8 | -11.4 | -4.2 | 107.9 | 115.0* | -0.5 | 254.9 | 142.8 | 2.9 | 146.6 |



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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 |
| 21:20:00 | 13 39.8 | -59 3.8 | -128.8 | -77.1 | 150.2 | 1956 | 238.1 | -0.4 | 0.3 | 803.8 | 113.7 | 27.7 | 17.1 | -3.0 | -3.4 | 0.1 |
| 21:20:00 | 13 45.6 | -58 59.7 | -129.5 | -78.1 | 151.2 | 1943 | 238.4 | -0.4 | 0.2 | 809.6 | 113.7 | 27.6 | 16.5 | 0.9 | 0.9 | 0.0 |
| 21:20:01 | 13 36.7 | -59 0.5 | -128.5 | -79.1 | 150.9 | 1949 | 15.7 | -49.5* | -40.3* | 113.5 | 120.6 | -0.0 | -10.1 | 47.0 | 47.0 | 24.5 |
| 21:20:00 | 13 37.1 | -58 59.9 | 308.3 | 320.1 | 1852 | 1956 | 26.8 | -10.3 | -3.6 | 112.5 | 120.0* | -0.5 | 260.2 | 137.0 | 3.2 | 149.6 |
| 21:20:30 | 13 38.5 | -59 5.9 | -130.4 | -77.7 | 151.8 | 1955 | 238.5 | -0.4 | 0.4 | 803.7 | 117.0 | 28.0 | 17.1 | 0.6 | 0.6 | 0.1 |
| 21:20:30 | 13 44.3 | -59 1.8 | -131.1 | -78.6 | 152.9 | 1941 | 238.7 | -0.5 | 0.2 | 809.8 | 117.0 | 27.9 | 16.5 | 4.1 | 4.1 | 0.0 |
| 21:20:31 | 13 35.4 | -59 2.7 | -130.1 | -79.6 | 152.6 | 1949 | 15.8 | -51.8* | -42.4* | 116.6 | 123.9 | -0.0 | -10.3 | 47.0 | 47.0 | 32.8 |
| 21:20:30 | 13 35.6 | -59 2.4 | 308.3 | 323.9 | 1851 | 1957 | 26.9 | -12.3 | -4.4 | 115.7 | 123.5* | -0.5 | 263.8 | 144.3 | 2.9 | 151.6 |
| 21:21:00 | 13 37.3 | -59 8.1 | -131.0 | -76.6 | 151.7 | 1955 | 238.8 | -0.3 | 0.1 | 803.6 | 116.7 | 27.9 | 17.0 | 0.6 | 0.6 | 0.1 |
| 21:21:00 | 13 43.0 | -59 4.0 | -131.7 | -77.5 | 152.8 | 1941 | 239.1 | -0.3 | 0.0 | 809.7 | 116.7 | 27.8 | 16.4 | 4.3 | 4.3 | 0.0 |
| 21:21:01 | 13 34.1 | -59 4.8 | -130.8 | -78.5 | 152.5 | 1948 | 15.5 | -50.8* | -42.5* | 116.3 | 123.6 | -0.0 | -10.3 | 47.0 | 47.0 | 33.1 |
| 21:21:00 | 13 34.6 | -59 4.1 | 308.2 | 323.8 | 1852 | 1956 | 26.9 | -12.2 | -4.3 | 115.4 | 123.2* | -0.5 | 263.5 | 143.5 | 3.2 | 151.4 |
| 21:21:30 | 13 36.0 | -59 10.3 | -131.5 | -76.6 | 152.2 | 1957 | 238.8 | -0.5 | 0.2 | 803.5 | 117.5 | 27.9 | 17.0 | -2.0 | -2.3 | 0.1 |
| 21:21:30 | 13 41.8 | -59 6.2 | -132.2 | -77.5 | 153.2 | 1943 | 239.2 | -0.5 | 0.1 | 809.6 | 117.6 | 27.8 | 16.4 | 2.2 | 2.2 | 0.1 |
| 21:21:31 | 13 32.9 | -59 7.0 | -131.4 | -78.6 | 153.1 | 1950 | 15.6 | -52.4* | -42.8* | 117.2 | 124.4 | -0.0 | -10.4 | 47.0 | 47.0 | 26.7 |
| 21:21:30 | 13 33.0 | -59 6.8 | 308.1 | 320.9 | 1852 | 1958 | 26.8 | -11.7 | -4.1 | 116.2 | 124.1* | -0.5 | 264.4 | 144.1 | 3.4 | 151.9 |
| 21:22:00 | 13 34.8 | -59 12.5 | -131.9 | -76.4 | 152.4 | 1957 | 239.0 | -0.4 | -0.1 | 803.5 | 117.7 | 27.9 | 16.9 | 1.5 | 1.5 | 0.1 |
| 21:22:00 | 13 40.5 | -59 8.4 | -132.6 | -77.3 | 153.5 | 1941 | 239.2 | -0.4 | -0.2 | 809.7 | 117.7 | 27.8 | 16.3 | 4.4 | 4.4 | 0.1 |
| 21:22:01 | 13 31.6 | -59 9.2 | -131.8 | -78.4 | 153.4 | 1951 | 15.6 | -52.8* | -43.3* | 117.3 | 124.6 | -0.0 | -10.4 | 47.0 | 47.0 | 35.5 |
| 21:22:00 | 13 31.8 | -59 8.9 | 308.1 | 324.7 | 1852 | 1957 | 26.9 | -11.5 | -4.0 | 116.3 | 124.3* | -0.5 | 264.5 | 141.7 | 3.4 | 152.0 |
| 21:22:30 | 13 33.5 | -59 14.7 | -132.0 | -76.8 | 152.7 | 1958 | 238.7 | -0.5 | 0.2 | 803.4 | 116.9 | 28.6 | 17.6 | 1.9 | 1.9 | 0.1 |
| 21:22:30 | 13 39.2 | -59 10.6 | -132.7 | -77.6 | 153.8 | 1943 | 239.0 | -0.5 | 0.1 | 809.6 | 116.9 | 28.5 | 17.1 | 1.5 | 1.5 | 0.0 |
| 21:22:31 | 13 30.3 | -59 11.4 | -132.1 | -78.7 | 153.8 | 1953 | 16.2 | -51.8* | -43.2* | 116.6 | 123.9 | -0.0 | -10.3 | 47.0 | 47.0 | 34.7 |
| 21:22:30 | 13 30.6 | -59 10.9 | 308.9 | 325.9 | 1853 | 1958 | 26.9 | -11.2 | -3.8 | 115.7 | 123.4* | -0.5 | 263.7 | 133.8 | 3.8 | 151.8 |
| 21:23:00 | 13 32.3 | -59 16.9 | -132.0 | -77.0 | 152.9 | 1957 | 239.0 | -0.5 | -0.1 | 803.5 | 118.1 | 28.6 | 17.6 | 0.4 | 0.4 | 0.1 |
| 21:23:00 | 13 38.0 | -59 12.8 | -132.8 | -77.8 | 153.9 | 1942 | 239.2 | -0.5 | -0.2 | 809.7 | 118.1 | 28.6 | 17.1 | 0.7 | 0.7 | 0.0 |
| 21:23:01 | 13 29.0 | -59 13.6 | -132.2 | -79.0 | 154.0 | 1951 | 16.2 | -53.7* | -43.8* | 117.7 | 125.0 | -0.0 | -10.4 | 47.0 | 47.0 | 31.3 |
| 21:23:00 | 13 29.1 | -59 13.4 | 308.8 | 324.3 | 1852 | 1957 | 26.8 | -12.5 | -4.0 | 116.7 | 124.8* | -0.5 | 265.0 | 141.1 | 3.1 | 152.5 |
| 21:23:30 | 13 30.9 | -59 19.0 | -129.9 | -82.0 | 153.6 | 1843 | 237.0 | -3.3 | 3.8* | 814.2 | 122.6 | 29.1 | 17.8 | 0.2 | 0.2 | 0.1 |
| 21:23:30 | 13 36.6 | -59 15.0 | -130.6 | -82.7 | 154.6 | 1827 | 237.3 | -3.3 | 3.7* | 820.6 | 122.6 | 29.0 | 17.2 | 7.1 | 7.1 | 0.0 |
| 21:23:31 | 13 27.7 | -59 15.8 | -130.1 | -84.0 | 154.8 | 1835 | 16.6 | -55.3* | -44.2* | 121.0 | 128.9 | -0.0 | -10.6 | 47.0 | 47.0 | 30.5 |
| 21:23:30 | 13 27.9 | -59 15.4 | 307.9 | 322.8 | 1744 | 1876 | 26.9 | -20.4 | -6.9 | 121.0 | 129.3* | -0.5 | 269.7 | 155.9 | 3.8 | 154.2 |
| 21:24:00 | 13 29.7 | -59 21.2 | -132.8 | -69.6 | 149.9 | 1548 | 242.2 | -2.6 | 0.4 | 843.1 | 117.5 | 30.0 | 19.4 | 3.0 | 3.0 | 0.1 |
| 21:24:00 | 13 35.4 | -59 17.2 | -133.5 | -70.4 | 150.9 | 1532 | 242.4 | -2.6 | 0.3 | 849.2 | 117.6 | 29.9 | 18.9 | 3.9 | 3.9 | 0.0 |
| 21:24:01 | 13 26.4 | -59 18.0 | -133.1 | -71.6 | 151.1 | 1538 | 18.0 | -45.8* | -38.9 | 116.4 | 124.4 | -0.0 | -9.9 | 47.0 | 47.0 | 33.7 |
| 21:24:00 | 13 26.8 | -59 17.2 | 306.6 | 324.0 | 1465 | 1653 | 27.0 | -19.2 | -7.1 | 116.3 | 123.9* | -0.5 | 264.4 | 134.8 | 2.5 | 149.2 |
| 21:24:30 | 13 28.6 | -59 23.3 | -118.0 | -76.2 | 140.5 | 1373 | 236.6 | -3.8 | 2.2* | 860.8 | 104.1 | 28.7 | 19.4 | 10.6 | 10.6 | 0.1 |
| 21:24:30 | 13 34.3 | -59 19.3 | -118.7 | -76.9 | 141.5 | 1361 | 236.8 | -3.8 | 2.0* | 866.1 | 104.1 | 28.5 | 18.9 | 12.6 | 12.6 | 0.0 |
| 21:24:31 | 13 25.2 | -59 20.0 | -118.2 | -78.2 | 141.7 | 1365 | 18.1 | -41.0* | -34.2 | 103.4 | 110.3 | -0.0 | -8.7 | 47.0 | 47.0 | 57.1 |
| 21:24:30 | 13 25.3 | -59 20.0 | 304.8 | 333.0 | 1304 | 1380 | 27.1 | -18.0 | -6.8 | 103.1 | 109.6 | -0.5 | 249.4 | 130.5 | 3.4 | 139.6 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 21:25:00 | 13 27.3 | -59 25.3 | -120.0 | -79.9 | 144.1 | 1297 | 235.1 | -0.5 | 0.1 | 868.2 | 109.9 | 29.5 | 19.9 | 10.7 | 10.7 | 0.1 |
| 21:25:00 | 13 33.0 | -59 21.3 | -120.7 | -80.5 | 145.1 | 1285 | 235.4 | -0.5 | -0.0 | 873.9 | 109.9 | 29.4 | 19.4 | 13.4 | 13.4 | 0.0 |
| 21:25:01 | 13 24.0 | -59 22.1 | -120.3 | -81.8 | 145.5 | 1290 | 18.6 | -45.2* | -39.6 | 110.0 | 117.4 | -0.0 | -9.1 | 47.0 | 47.0 | 55.6 |
| 21:25:00 | 13 24.6* | -59 21.1* | 304.5 | 332.5 | 1231 | 1311 | 25.7 | -11.0 | -4.1 | 108.8 | 116.0* | -0.5 | 256.0 | 126.1 | 4.1 | 142.8 |
| 21:25:30 | 13 26.0 | -59 27.3 | -119.0 | -81.3 | 144.1 | 1281 | 234.5 | -0.2 | -0.2 | 869.8 | 110.4 | 29.6 | 19.9 | 10.3 | 10.3 | 0.1 |
| 21:25:30 | 13 31.7 | -59 23.3 | -119.7 | -81.9 | 145.0 | 1269 | 234.9 | -0.3 | -0.3 | 875.5 | 110.4 | 29.5 | 19.4 | 13.6 | 13.6 | 0.0 |
| 21:25:31 | 13 22.6 | -59 24.1 | -119.5 | -83.2 | 145.5 | 1276 | 18.6 | -45.0* | -38.9 | 110.5 | 117.8 | -0.0 | -9.1 | 47.0 | 47.0 | 54.3 |
| 21:25:30 | 13 23.1 | -59 23.4 | 304.3 | 331.7 | 1215 | 1288 | 27.2 | -11.0 | -4.1 | 109.3 | 116.4* | -0.5 | 256.5 | 126.9 | 3.9 | 142.9 |
| 21:26:00 | 13 24.7 | -59 29.2 | -114.7 | -86.2 | 143.5 | 1288 | 232.3 | -1.9 | -1.4 | 869.3 | 109.6 | 29.5 | 19.8 | 11.1 | 11.1 | 0.1 |
| 21:26:00 | 13 30.3 | -59 25.3 | -115.4 | -86.8 | 144.4 | 1276 | 232.5 | -1.9 | -1.5 | 874.9 | 109.6 | 29.4 | 19.3 | 15.4 | 15.4 | 0.0 |
| 21:26:01 | 13 21.2 | -59 26.0 | -115.2 | -88.1 | 145.0 | 1284 | 18.6 | -43.2* | -37.8 | 109.8 | 116.8 | -0.0 | -9.0 | 47.0 | 47.0 | 57.4 |
| 21:26:00 | 13 21.5 | -59 25.6 | 304.4 | 333.2 | 1221 | 1313 | 27.4 | -9.4 | -3.6 | 108.7 | 115.5 | -0.5 | 255.6 | 122.6 | 2.8 | 142.5 |
| 21:26:30 | 13 23.2 | -59 31.1 | -113.3 | -86.7 | 142.7 | 1270 | 232.1 | 1.5 | 4.0 | 870.9 | 108.6 | 30.1 | 20.6 | 8.0 | 8.0 | 0.0 |
| 21:26:30 | 13 28.9 | -59 27.2 | -114.1 | -87.2 | 143.6 | 1259 | 232.4 | 1.5 | 3.9 | 876.8 | 108.6 | 30.1 | 20.1 | 10.6 | 10.6 | 0.0 |
| 21:26:31 | 13 19.8 | -59 27.9 | -114.0 | -88.5 | 144.3 | 1263 | 19.2 | -43.1* | -40.6* | 108.7 | 117.5 | -0.0 | -9.0 | 47.0 | 47.0 | 44.3 |
| 21:26:30 | 13 19.9 | -59 27.7 | 304.9 | 328.4 | 1203 | 1263 | 27.4 | -14.6 | -5.4 | 107.5 | 114.8* | -0.5 | 254.5 | 115.8 | 2.4 | 141.8 |
| 21:27:00 | 13 21.9 | -59 33.0 | -115.5 | -80.1 | 140.5 | 1309 | 234.2 | 0.6 | -0.2 | 867.2 | 105.0 | 29.6 | 20.3 | 8.4 | 8.4 | 0.1 |
| 21:27:00 | 13 27.5 | -59 29.1 | -116.2 | -80.6 | 141.4 | 1297 | 234.4 | 0.7 | -0.3 | 872.7 | 105.0 | 29.5 | 19.8 | 11.3 | 11.3 | 0.0 |
| 21:27:01 | 13 18.4 | -59 29.8 | -116.2 | -81.9 | 142.2 | 1306 | 19.1 | -40.0* | -38.1 | 105.4 | 113.7 | -0.0 | -8.7 | 47.0 | 47.0 | 46.5 |
| 21:27:00 | 13 18.4 | -59 29.8 | 305.1 | 329.4 | 1242 | 1312 | 27.5 | -10.1 | -3.8 | 104.1 | 110.9 | -0.5 | 250.4 | 131.7 | 3.4 | 139.8 |
| 21:27:30 | 13 20.6 | -59 34.9 | -115.7 | -75.3 | 138.0 | 1323 | 236.0 | -0.2 | 0.7 | 865.9 | 101.2 | 29.7 | 20.6 | 8.7 | 8.7 | 0.0 |
| 21:27:30 | 13 26.2 | -59 31.0 | -116.4 | -75.8 | 138.9 | 1311 | 236.3 | -0.3 | 0.6 | 871.2 | 101.2 | 29.5 | 20.2 | 11.6 | 11.6 | 0.0 |
| 21:27:31 | 13 17.1 | -59 31.7 | -116.5 | -77.1 | 139.7 | 1316 | 19.4 | -38.6 | -35.5 | 101.7 | 109.2 | -0.0 | -8.4 | 47.0 | 47.0 | 46.3 |
| 21:27:30 | 13 17.3 | -59 31.4 | 305.6 | 330.4 | 1255 | 1330 | 27.4 | -6.8 | -2.6 | 100.3 | 106.8 | -0.5 | 245.9 | 134.3 | 2.5 | 137.5 |
| 21:28:00 | 13 19.4 | -59 36.8 | -112.8 | -76.6 | 136.4 | 1295 | 234.9 | -1.7 | 0.7 | 868.8 | 99.2 | 29.4 | 20.5 | 9.5 | 9.5 | 0.1 |
| 21:28:00 | 13 25.0 | -59 32.9 | -113.6 | -77.1 | 137.2 | 1282 | 235.1 | -1.7 | 0.6 | 873.8 | 99.2 | 29.2 | 20.1 | 11.9 | 11.9 | 0.0 |
| 21:28:01 | 13 15.9 | -59 33.6 | -113.8 | -78.4 | 138.1 | 1288 | 19.3 | -37.6 | -32.9 | 99.6 | 106.8 | -0.0 | -8.3 | 47.0 | 47.0 | 49.1 |
| 21:28:00 | 13 16.1 | -59 33.2 | 305.2 | 331.2 | 1231 | 1320 | 27.4 | -7.4 | -2.9 | 98.4 | 104.5 | -0.5 | 243.6 | 137.6 | 2.6 | 136.0 |
| 21:28:30 | 13 18.3 | -59 38.7 | -117.7 | -64.1 | 134.1 | 1171 | 240.8 | -0.1 | 2.7 | 870.4 | 97.1 | 29.6 | 20.9 | 6.9 | 6.9 | 0.1 |
| 21:28:30 | 13 23.8 | -59 34.8 | -118.5 | -64.5 | 134.9 | 1153 | 241.1 | -0.2 | 2.6 | 875.5 | 97.1 | 29.4 | 20.5 | 10.2 | 10.2 | 0.0 |
| 21:28:31 | 13 14.7 | -59 35.6 | -118.8 | -65.8 | 135.8 | 1274 | 19.8 | -35.1 | -33.5 | 97.5 | 105.1 | -0.0 | -8.1 | 47.0 | 47.0 | 40.2 |
| 21:28:30 | 13 15.0 | -59 35.0 | 305.5 | 327.4 | 1216 | 1284 | 24.5 | -9.7 | -3.6 | 96.3 | 102.5 | -0.5 | 241.1 | 165.0 | 2.0 | 134.6 |
| 21:29:00 | 13 17.2 | -59 40.7 | -111.0 | -70.0 | 131.2 | 1185 | 237.4 | -0.2 | -2.6 | 869.3 | 91.8 | 29.0 | 20.7 | 3.5 | 3.5 | 0.1 |
| 21:29:00 | 13 22.8 | -59 36.8 | -111.7 | -70.4 | 132.0 | 1178 | 237.7 | -0.1 | -2.7 | 874.1 | 91.8 | 28.8 | 20.3 | 7.3 | 7.3 | 0.0 |
| 21:29:01 | 13 13.6 | -59 37.5 | -112.0 | -71.8 | 133.1 | 1289 | 19.4 | -29.5 | -29.4 | 92.4 | 99.8 | -0.0 | -7.7 | 47.0 | 47.0 | 31.9 |
| 21:29:00 | 13 13.8 | -59 37.2 | 305.4 | 322.8 | 1228 | 1304 | 26.1 | -7.4 | -2.8 | 91.2 | 96.9 | -0.5 | 234.6 | 135.1 | 1.4 | 130.9 |
| 21:29:30 | 13 16.0 | -59 42.4 | -96.9 | -88.7 | 131.4 | 1269 | 227.6* | -1.2* | -29.5* | 873.0 | 91.9 | 29.0 | 20.8 | 8.2 | 8.2 | 0.1 |
| 21:29:30 | 13 21.6 | -59 38.6 | -97.6 | -89.0 | 132.1 | 1254 | 227.9* | -1.2* | -29.6* | 876.9 | 91.9 | 28.8 | 20.4 | 10.8 | 10.8 | 0.0 |
| 21:29:31 | 13 12.4 | -59 39.3 | -98.3 | -90.4 | 133.5 | 1259 | 18.7 | -31.0 | -29.0 | 91.3 | 99.4 | -0.0 | -7.7 | 47.0 | 47.0 | 44.4 |
| 21:29:30 | 13 12.7 | -59 38.9 | 305.2 | 329.0 | 1202 | 1275 | 27.4 | -19.2 | -7.2 | 91.1 | 96.3 | -0.5 | 234.7 | 128.1 | 3.3 | 130.9 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 21:30:00 | 13 14.1 | -59 43.1 | 2.2 | -124.4 | 124.4 | 1133 | 179.0* | -2.9 | -22.5* | 886.8 | 85.7 | 29.1 | 21.5 | 9.5 | 9.5 | 0.0 |
| 21:30:00 | 13 19.7 | -59 39.3 | 1.6 | -124.5 | 124.5 | 1128 | 179.2* | -2.8 | -22.6* | 890.6 | 85.7 | 28.9 | 21.1 | 11.8 | 11.8 | 0.0 |
| 21:30:01 | 13 10.4 | -59 40.0 | 0.8 | -126.1 | 126.1 | 1122 | 19.7 | -22.5 | -23.7 | 84.9 | 92.6 | -0.0 | -7.1 | 47.0 | 47.0 | 46.5 |
| 21:30:00 | 13 10.5 | -59 40.0 | 304.5 | 330.1 | 1075 | 1136 | 27.8 | -19.8 | -7.4 | 85.1 | 89.6 | -0.5 | 226.9 | 109.8 | 3.3 | 125.8 |
| 21:30:30 | 13 12.1 | -59 42.6 | 46.0 | -120.3 | 128.8 | 814 | 159.5 | -3.8 | 1.1* | 918.1 | 95.4 | 31.0 | 22.9 | 14.9 | 14.9 | 0.1 |
| 21:30:30 | 13 17.7 | -59 38.7 | 45.4 | -120.3 | 128.6 | 817 | 159.7 | -3.8 | 1.0* | 923.1 | 95.4 | 30.9 |

A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 21:35:00 | 13 8.4 | -59 32.4 | 6.2 | 2.4 | 6.7 | 61 | 73.0 | -0.8 | 1.0 | 1004.9 | -0.3 | 39.0 | -32767.0 | 20.9 | 20.9 | 0.1 |
| 21:35:00 | 13 14.0 | -59 28.6 | 5.6 | 2.7 | 6.2 | 2 | 73.3 | -0.8 | 0.8 | 1005.1 | -0.2 | 39.2 | -32767.0 | 23.0 | 23.0 | 0.0 |
| 21:35:01 | 13 4.5 | -59 29.4 | 4.7 | 1.3 | 4.9 | 48 | 28.1 | -0.8 | 0.2 | 0.3 | 0.1 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 21:35:00 | 13 4.5 | -59 29.4 | -32767.0 | -32767.0 | -32767 | 57 | 34.6 | -0.5 | -0.1 | -0.3 | 0.2 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 21:35:30 | 13 8.4 | -59 32.3 | 1.8 | 3.7 | 4.1 | 61 | 2.9 | -0.3 | 0.4 | 1005.2 | -0.2 | 38.3 | -32767.0 | 21.0 | 21.0 | 0.1 |
| 21:35:30 | 13 14.1 | -59 28.5 | 1.2 | 4.1 | 4.2 | 2 | 3.0 | -0.3 | 0.3 | 1005.2 | -0.1 | 38.6 | -32767.0 | 23.1 | 23.1 | 0.0 |
| 21:35:31 | 13 4.5 | -59 29.4 | 0.3 | 2.8 | 2.8 | 45 | 28.2 | -0.1 | 0.3 | 0.0 | 0.0 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 21:35:30 | 13 4.5 | -59 29.4 | -32767.0 | -32767.0 | -32767 | 58 | 34.6 | -0.1 | 0.0 | -0.1 | 0.1 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 21:36:00 | 13 8.5 | -59 32.3 | -0.3 | 3.9 | 3.9 | 61 | 326.2 | -0.8 | -0.2 | 1005.1 | -0.0 | 32.0 | -32767.0 | 21.3 | 21.3 | 0.1 |
| 21:36:00 | 13 14.1 | -59 28.5 | -0.9 | 4.3 | 4.3 | 2 | 326.5 | -0.8 | -0.3 | 1005.0 | 0.0 | 31.4 | -32767.0 | 23.3 | 23.3 | 0.0 |
| 21:36:01 | 13 4.6 | -59 29.4 | -1.8 | 3.0 | 3.5 | 47 | 28.2 | -0.2 | -0.0 | 0.2 | 0.1 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 21:36:00 | 13 4.6 | -59 29.4 | -32767.0 | -32767.0 | -32767 | 60 | 34.6 | 0.6 | 0.3 | 0.1 | 0.1 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 21:36:30 | 13 8.5 | -59 32.3 | -2.3 | -0.1 | 2.3 | 61 | 256.8 | -1.0 | 0.8 | 1005.2 | -0.0 | 33.7 | -32767.0 | 20.4 | 20.4 | 0.1 |
| 21:36:30 | 13 14.2 | -59 28.6 | -2.8 | 0.4 | 2.8 | 1 | 257.1 | -1.1 | 0.6 | 1005.2 | 0.0 | 32.7 | -32767.0 | 22.3 | 22.3 | 0.0 |
| 21:36:31 | 13 4.6 | -59 29.5 | -3.8 | -0.9 | 3.9 | 53 | 28.2 | -0.1 | 0.0 | 0.0 | -0.1 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 21:36:30 | 13 4.6 | -59 29.5 | -32767.0 | -32767.0 | -32767 | 60 | 34.6 | -0.1 | 0.0 | 0.1 | 0.0 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 21:37:00 | 13 8.5 | -59 32.3 | 1.2 | 2.0 | 2.4 | 61 | 341.1 | -0.5 | -0.2 | 1005.2 | -0.3 | 31.9 | -32767.0 | 20.9 | 20.9 | 0.1 |
| 21:37:00 | 13 14.2 | -59 28.6 | 0.7 | 2.5 | 2.6 | 2 | 341.4 | -0.5 | -0.2 | 1005.2 | -0.2 | 31.6 | -32767.0 | 23.2 | 23.2 | 0.0 |
| 21:37:01 | 13 4.6 | -59 29.5 | -0.4 | 1.3 | 1.3 | 52 | 28.1 | 0.1 | -0.2 | 0.1 | 0.0 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 21:37:00 | 13 4.6 | -59 29.5 | -32767.0 | -32767.0 | -32767 | 59 | 34.6 | 0.4 | 0.2 | -0.2 | 0.1 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 21:37:30 | 13 8.6 | -59 32.3 | 1.5 | 1.3 | 2.0 | 61 | 346.0 | -1.0 | -0.2 | 1005.2 | -0.1 | 30.9 | -32767.0 | 21.2 | 21.2 | 0.1 |
| 21:37:31 | 13 14.2 | -59 28.6 | 1.1 | 1.8 | 2.1 | 2 | 346.2 | -1.0 | -0.4 | 1005.1 | -0.1 | 30.4 | -32767.0 | 23.3 | 23.3 | 0.0 |
| 21:37:31 | 13 4.6 | -59 29.5 | -0.1 | 0.6 | 0.6 | 51 | 28.1 | 0.1 | -0.3 | 0.2 | 0.0 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 21:37:30 | 13 4.6 | -59 29.5 | -32767.0 | -32767.0 | -32767 | 59 | 34.6 | 0.2 | 0.1 | -0.1 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 21:38:00 | 13 8.6 | -59 32.3 | 1.8 | 0.6 | 1.8 | 6584 | 346.5 | -1.1 | -0.3 | 1005.2 | -0.2 | 30.3 | -32767.0 | 21.2 | 21.2 | 0.1 |
| 21:38:01 | 13 14.2 | -59 28.6 | 1.3 | 1.1 | 1.7 | 2 | 346.7 | -1.1 | -0.3 | 1005.2 | -0.2 | 30.0 | -32767.0 | 23.3 | 23.3 | 0.0 |
| 21:38:01 | 13 4.6 | -59 29.5 | -0.0 | -0.0 | 0.0 | 53 | 28.2 | 0.2 | -0.5 | 0.1 | 0.1 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 21:38:00 | 13 4.6 | -59 29.5 | -32767.0 | -32767.0 | -32767 | 59 | 34.6 | 0.1 | 0.1 | -0.2 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 21:38:30 | 13 8.6 | -59 32.2 | 1.8 | 0.5 | 1.9 | 7068 | 346.5 | -1.0 | -0.3 | 1005.2 | -0.1 | 30.7 | -32767.0 | 21.3 | 21.3 | 0.0 |
| 21:38:31 | 13 14.3 | -59 28.6 | 1.4 | 1.1 | 1.8 | 2 | 346.7 | -1.0 | -0.4 | 1005.2 | -0.1 | 30.7 | -32767.0 | 23.3 | 23.3 | 0.0 |
| 21:38:31 | 13 4.6 | -59 29.5 | 0.0 | -0.0 | 0.0 | 53 | 28.2 | 0.1 | -0.4 | 0.1 | 0.1 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 21:38:30 | 13 4.6 | -59 29.5 | -32767.0 | -32767.0 | -32767 | 59 | 34.7 | -0.1 | -0.1 | -0.2 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 21:39:00 | 13 8.6 | -59 32.2 | 1.8 | 0.5 | 1.9 | 6240 | 346.4 | -1.0 | -0.3 | 1005.2 | -0.1 | 31.5 | -32767.0 | 21.0 | 21.0 | 0.1 |
| 21:39:01 | 13 14.3 | -59 28.5 | 1.4 | 1.1 | 1.8 | 2 | 346.7 | -1.0 | -0.3 | 1005.2 | -0.1 | 31.9 | -32767.0 | 22.7 | 22.7 | 0.0 |
| 21:39:01 | 13 4.6 | -59 29.5 | -0.0 | -0.0 | 0.0 | 53 | 28.2 | -0.0 | -0.5 | 0.0 | 0.1 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 21:39:00 | 13 4.6 | -59 29.5 | -32767.0 | -32767.0 | -32767 | 59 | 34.6 | 0.1 | -0.0 | -0.1 | -0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 21:39:30 | 13 8.6 | -59 32.2 | 1.8 | 0.4 | 1.9 | 7025 | 346.5 | -1.0 | -0.3 | 1005.2 | -0.1 | 31.6 | -32767.0 | 20.7 | 20.7 | 0.1 |
| 21:39:31 | 13 14.3 | -59 28.5 | 1.5 | 1.1 | 1.8 | 1 | 346.7 | -0.9 | -0.4 | 1005.2 | -0.0 | 32.2 | -32767.0 | 22.4 | 22.4 | 0.0 |
| 21:39:31 | 13 4.6 | -59 29.5 | -0.0 | -0.0 | 0.0 | 53 | 28.3 | -0.0 | -0.6 | 0.0 | 0.1 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 21:39:30 | 13 4.6 | -59 29.5 | -32767.0 | -32767.0 | -32767 | 59 | 34.7 | -0.1 | -0.1 | -0.0 | -0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |



A/C 42, Flgt 060917H, Micro99 date 2006/09/17, Proj hur06 Run on Wed Sep 27 13:14:27 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 21:40:00 | 13 8.6 | -59 32.2 | 1.9 | 0.3 | 1.9 | 6979 | 346.5 | -0.9 | -0.3 | 1005.2 | -0.1 | 31.5 | -32767.0 | 20.4 | 20.4 | 0.1 |
| 21:40:01 | 13 14.3 | -59 28.5 | 1.5 | 1.0 | 1.8 | 2 | 346.7 | -0.9 | -0.3 | 1005.2 | -0.0 | 32.2 | -32767.0 | 21.9 | 21.9 | 0.0 |
| 21:40:01 | 13 4.6 | -59 29.5 | 0.0 | -0.0 | 0.0 | 51 | 28.3 | -0.0 | -0.5 | 0.0 | 0.2 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 21:40:00 | 13 4.6 | -59 29.5 | -32767.0 | -32767.0 | -32767 | 59 | 34.7 | -0.1 | -0.0 | 0.0 | -0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 21:40:30 | 13 8.6 | -59 32.1 | 1.9 | 0.3 | 1.9 | 6616 | 346.4 | -0.9 | -0.3 | 1005.2 | -0.1 | 31.4 | -32767.0 | 20.2 | 20.2 | 0.1 |
| 21:40:31 | 13 14.3 | -59 28.5 | 1.6 | 1.0 | 1.9 | 2 | 346.7 | -0.9 | -0.4 | 1005.2 | -0.0 | 32.2 | -32767.0 | 21.6 | 21.6 | 0.0 |
| 21:40:31 | 13 4.6 | -59 29.5 | -0.0 | -0.0 | 0.0 | 53 | 28.3 | -0.0 | -0.6 | 0.0 | 0.2 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 21:40:30 | 13 4.6 | -59 29.5 | -32767.0 | -32767.0 | -32767 | 59 | 34.7 | -0.1 | -0.1 | -0.1 | -0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 21:41:00 | 13 8.6 | -59 32.1 | 1.9 | 0.2 | 1.9 | 6251 | 346.4 | -0.9 | -0.3 | 1005.2 | -0.1 | 31.3 | -32767.0 | 20.1 | 20.1 | 0.1 |
| 21:41:01 | 13 14.4 | -59 28.4 | 1.7 | 0.9 | 1.9 | 2 | 346.7 | -1.0 | -0.3 | 1005.2 | -0.0 | 32.2 | -32767.0 | 21.5 | 21.5 | 0.0 |
| 21:41:01 | 13 4.6 | -59 29.5 | 0.0 | 0.0 | 0.0 | 53 | 28.4 | -0.0 | -0.6 | 0.0 | 0.2 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 21:41:00 | 13 4.6 | -59 29.5 | -32767.0 | -32767.0 | -32767 | 59 | 34.7 | -0.1 | -0.1 | -0.0 | 0.0 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 21:41:30 | 13 8.6 | -59 32.1 | 1.9 | 0.1 | 2.0 | 6931 | 346.5 | -0.9 | -0.3 | 1005.2 | -0.1 | 31.3 | -32767.0 | 20.0 | 20.0 | 0.0 |
| 21:41:31 | 13 14.4 | -59 28.4 | 1.7 | 0.9 | 1.9 | 2 | 346.7 | -0.9 | -0.4 | 1005.3 | -0.0 | 32.1 | -32767.0 | 21.3 | 21.3 | 0.0 |
| 21:41:31 | 13 4.6 | -59 29.5 | -0.0 | -0.0 | 0.0 | 56 | 28.3 | -0.0 | -0.6 | 0.0 | 0.3 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 21:41:30 | 13 4.6 | -59 29.5 | -32767.0 | -32767.0 | -32767 | 59 | 34.7 | -0.1 | -0.1 | -0.0 | -0.0 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 21:42:00 | 13 8.6 | -59 32.0 | 2.0 | 0.0 | 2.0 | 6943 | 346.5 | -0.9 | -0.3 | 1005.2 | -0.1 | 31.2 | -32767.0 | 20.2 | 20.2 | 0.1 |
| 21:42:01 | 13 14.4 | -59 28.4 | 1.8 | 0.9 | 2.0 | 2 | 346.7 | -1.0 | -0.3 | 1005.3 | -0.0 | 32.1 | -32767.0 | 21.2 | 21.2 | 0.0 |
| 21:42:01 | 13 4.6 | -59 29.5 | -0.0 | -0.0 | 0.0 | 54 | 28.4 | -0.0 | -0.7 | 0.0 | 0.3 | -0.0 | -32767.0 | 47.0 | 47.0 | -32767.0 |
| 21:42:00 | 13 4.6 | -59 29.5 | -32767.0 | -32767.0 | -32767 | 59 | 34.8 | -0.1 | -0.0 | -0.1 | -0.0 | -0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |

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ERROR COUNT:

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LAT_INE1: 14
LAT_INE2: 14
LAT_CLN: 4
LAT_ASH: 1032
LONG_INE1: 14
LONG_INE2: 14
LONG_CLN: 6
LONG_ASH: 1228
RA159: 18
RA232: 3587
ALT_CLN: 6
ALT_ASH: 217
HDG_INE1: 3708
HDG_INE2: 3719
PRT5_SIDE: 8
PRT5_DOWN: 8
PITCH_INE1: 965
PITCH_INE2: 960
PDAF: 1007



PDSF: 23
ROLL_INE1: 6957
ROLL_INE2: 6865
PDAR: 448
PDSR: 8
PSW: 10
PSF: 10
PQAF: 10
PQR: 37
PQF1: 37
PQF2: 37
PQSF: 8
PQW: 859
TT1: 10
TT2: 10
TT3: 10
TDM1: 10
TDM2: 10
TDM3: 10
AXBT1: 8
AXBT2: 8

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