|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | GPS solution | EGI | | INS | |  |
| 100 |  |  |  | Sec |  |  |
| 104 | 104\_a2.pos | 6a\* /17 | Stopped during flight (18.87)  Lots of small gaps in data  Remove first lines in .coo file |  | Wrong height after 18.77 | Roll ok except bias  Heading ok, small bias  Pitch large difference :-S |
| 105A | 105A\_comb.pos (AIR1+AIR3) | 6a/17 | Lots of small gaps (2-4s)  Some horizontal data points way out of track  The timing of p,r,h slips with 1 minute in the egigps-file (not in readegi.coo) | 973 |  | Pitch large difference :-S |
|  |  | 7/17 | Her er der tidsforskel mellem readegi.coo og gpsegi.pos på højden men ikke p,r,h ?!?  The timing of p,r,h slips with 1 minute in the egigps-file (not in readegi.coo) |  |  |  |
| 105B | 105B\_a2j.pos | 6a/17 | EGI not aligned  Stopped during flight (20.55)  Lots of small gaps  Some horizontal data points way out of track (discount.) | ?!? |  | Results looks nice ☺ |
| 106 | 106\_a2.pos | 6a/17 | Lots of small gaps | 861 |  |  |
| 107A | 107A\_a2j.pos | 6a/17 | EGI not aligned at take off, nav mode  Can not run readegi.bat, error message:  In DASIN(dx) or ASIN(dx) or DACOS(dx) or ACOS(dx), DABS(dx).gt.1.0 (dx= 0.100000  0000465661d+01).  Error occurs at or near line 235 of \_MAIN\_\_ | 2080 |  |  |
|  |  | 6a/29 | Column 8 \*\*\*\*\*\*\*\*\* in end of file readegi.coo, replaced by 999999.99 before running gpsegi  Horizontal outliers |  |  |  |
|  |  | 7/17 | Can not run readegi.bat, error message (13.97):  In DASIN(dx) or ASIN(dx) or DACOS(dx) or ACOS(dx), DABS(dx).gt.1.0 (dx= 0.100000  0000465661d+01).  Error occurs at or near line 231 of \_MAIN\_\_ |  |  |  |
|  |  | 7/29 | Same as 6a/29 |  |  |  |
| 107B | 107B\_a2.pos | 6a/17 | EGI not aligned at take off, nav mode  Can not run readegi.bat, error message:  In DASIN(dx) or ASIN(dx) or DACOS(dx) or ACOS(dx), DABS(dx).gt.1.0 (dx= 0.100000  0000465661d+01). | 1043 |  |  |
|  |  | 6a/29 | 18.65- 18.67 no position  Column 8 \*\*\*\*\*\*\*\*\* in end of file readegi.coo, replaced by 999999.99 before running gpsegi  Gpsegi.pos looks terrible ☹ |  |  |  |
|  |  | 7/17 | Can not run readegi.bat, error message (18.76):  In DASIN(dx) or ASIN(dx) or DACOS(dx) or ACOS(dx), DABS(dx).gt.1.0 (dx= 0.100000  0000465661d+01).  Error occurs at or near line 231 of \_MAIN\_\_ |  |  |  |
|  |  | 7/29 | 18.65- 18.67 no position |  |  |  |
| 109A | No GPS solution available ?!? |  |  | 731 |  |  |
| 109B | 109B\_a2\_ppp.pos | 6a/17 | OK | 0 |  |  |
| 112A | 112A\_a2.pos |  | Solution from Anders Kusk  Really nice | 1540 |  |  |
| 112B | 112B\_a2\_comb.pos |  | Solution from Anders Kusk  Really nice  Discont. in height data (18.465-18.500) | 0 |  |  |
| 116 | 116\_a2.pos | 6a/17 | Lots of gaps in the beginning  Only few horizontal outliers in the beginning |  | 2 dips in altitude data (12.606-12.74, 14.13-14.206) | Pitch large difference :-S |
| 117 | 117\_a2\_ppp.pos | 6a/17 | OK ☺ | 857  0 | INS program froze during flight – 2 files  105130:  125715: height data in raw INS data crappy after (15.7645), gpsins.pos small outliers  Combined solution gap (12.78- 12.95) |  |
| 118A | 118A\_a2\_ppp.pos | 6a/17 | OK, but lots of small gaps | 240 | height data in raw INS data crappy after (10.2366), gpsins.pos height and horizontal data poor ☹ |  |
| 118B | 118B\_a2\_ppp.pos | 6a/17 | Readegi.coo height wrong after (14.20) | 0 | height data in raw INS data crappy, gpsins.pos height data poor ☹ |  |
| 120A | 120A\_a2\_kar.pos |  |  | 0 |  |  |
| 120B | 120B\_a2.pos |  |  | 0 | Height data wrong |  |
| 122B | 122b\_a2\_fwd.pos | 6a/17 | Stopped during flight (18.78)  Many gaps after (17.38) | 820 |  |  |
| 123A | 123A\_a2.pos | 6a/17 | MANY GAPS (12.349-16.399)  Horizontal data points out of track |  |  |  |
| 123B | 123B\_a3.pos | 6a/17 | MANY GAPS (17.865-19.367)  Horizontal data points out of track | 0 | INS GPS looks weird (20.205-20.687), some problems with the combined solution (gpsins.pos) |  |
| 126 | 126\_a2\_ppp.pos | 6a/17 | Height in readegi.coo wrong | 0 | INS (loose connection) at the beginning of the flight: 2 files  102800: initializing (no data)  105900: |  |
|  |  | 7/17 | Many small gaps  Height in readegi.coo wrong  The height of readegi.coo is ahead of gpsegi.pos of about 3m 8s, but the p,r,h is fine ?!? |  |  | Gpsegi (p,r,h) is ahead of gpsins by about 3m 8s, but the height is fine |
| 127 | 127\_a2\_comb.pos | 6a/17 | Readegi.coo wrong height (17.73-17.94) | 554 | Jump in height (17.6367, 17.8319), still not quite ok in gpsins.pos | Problems with front antenna splitter |
| 128 | 128a2PPP.txt | 6a/17 | Green button stopped during flight – stops 14.25 :-S  Error message  Readegi6a and readegi7:  In DASIN(dx) or ASIN(dx) or DACOS(dx) or ACOS(dx), DABS(dx).gt.1.0 (dx=-0.168359  3620398824d+01).  Error occurs at or near line 235 of \_MAIN\_\_ | 646 |  |  |
| 129 | 129\_a2\_ref.pos | 6a/17 | Readegi.coo:  Gaps in data (12.1564-12.2034)  Height (12.1564-12.4035)  Gpsegi.pos:  Still gap (12.1564-12.2034) | 381 |  |  |

Readegi7 time lag …

GPS time ahead of UTC time by 15 sec

OXTS INS:

RT Post-process (10 Hz)

Format3.bat