

# Processing Options for EPN-Repro2 and delivered products

|   | AS0                       | GO0   | GO1 | GO4 | IG0                       | LP0   | LP1          | MU0                                | MU1                              | MU2                           |
|---|---------------------------|---|-----|-----|---------------------------|---|--------------|------------------------------------|----------------------------------|-------------------------------|
| <b>SW</b>                               | GIPSY 6.2                 | BSW 5.2   |     |     | BSW 5.2                   | BSW 5.2                                     |              | GAMIT 10.5                         |                                  |                               |
| <b>GNSS</b>                             | G                         | G   |     |     | G + R (since 1147)        | G + R (since 1222)                          |              | G                                  |                                  |                               |
| <b>SOLUTION TYPE</b>                    | PPP                       | NET   |     |     | NET                       | NET   |              | NET                                |                                  |                               |
| <b>STATIONS</b>                         | ALL EPN+ IGS CORE         | ALL EPN   |     |     | PART EPN                  | PART EPN + IGS(8)                           |              | ALL EPN                            |                                  |                               |
| <b>ORBITS</b>                           | JPL R2                    | CODE R2   |     |     | CODE R2                   | CODE R2                                     |              | CODE R2                            |                                  |                               |
| <b>ANTENNAS</b>                         | IGS08                     | IGS08 + IND.  |     |     | IGS08 + IND.              | IGS08                                       | IGS08 + IND. | IGS08 + IND.                       | IGS08                            | IGS08 + IND.                  |
| <b>IERS</b>                             | 2010                      | 2010  |     |     | 2010                      | 2010  |              | 2010                               |                                  |                               |
| <b>GRAVITY</b>                          | EGM08                     | EGM08   |     |     | EGM08                     | EGM08                                       |              | EGM08                              |                                  |                               |
| <b>TROPOSPHERE Estimated Parameters</b> | ZTD (5min)<br>GRAD (5min) | ZTD (1h)<br>GRAD (6h)                                       |     |     | ZTD (1h)<br>GRAD (6h)     | ZTD (1h)<br>GRAD (24h)                      |              | ZTD (1h)<br>GRAD at 10° (24h)      | ZTD (1h)<br>GRAD in zenith (24h) | ZTD (1h)<br>GRAD at 10° (24h) |
| <b>MAPPING FUNCTION</b>                 | VMF                       | GMF   | VMF | VMF | GMF                       | GMF   | VMF          | VMF                                |                                  |                               |
| <b>ZTD/GRAD time stamp</b>              | hh:30<br>24 estimates/day | hh:00 and hh:30<br>(hh:30 interpolated)<br>24 estimates/day |     |     | hh:30<br>24 estimates/day | hh:00 and hh:30<br>24+(24)<br>estimates/day |              | hh:30<br>24 estimates/day          |                                  |                               |
| <b>IONOSPHERE</b>                       | (HOI included)            | CODE (HOI included)   |     |     | CODE (HOI included)       | CODE (HOI included)                         |              | CODE IONEX + IGRF11 (HOI included) |                                  |                               |
| <b>REF. FRAME</b>                       | IGb08                     | IGb08   |     |     | IGb08                     | IGb08                                       |              | IGb08                              |                                  |                               |

|  | <b>AS0</b> | <b>GO0</b> | <b>GO1</b> | <b>GO4</b> | <b>IG0</b> | <b>LP0</b> | <b>LP1</b> | <b>MU0</b> | <b>MU1</b> | <b>MU2</b> |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>OCEAN TIDES</b>   | FES2004    | FES2004    |            |            | FES2004    | FES2004    |            | FES2004    |            |            |
| <b>ATM. TID. LOAD.</b>   | NO         | NO         |            |            | YES        | YES        | YES        | YES        |            | NO         |
| <b>ATM. NONTID. LOAD.</b>                                      | NO         | NO         | NO         | YES        | NO         | NO         | YES        | NO         | NO         | NO         |
| <b>ELEV. CUTOFF</b>  | 3          | 3          |            |            | 3          | 3          |            | 5          |            | 5          |
| <b>Delivered<br/>SNX/TRO Files<br/>[from week to<br/>week]</b> | 0835-1824  | 836-1824   |            |            | 835-1824   | 835-1802   |            | 835-1824   |            |            |