DPOD2014 – Version 01

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• First version of the DORIS extension of the ITRF2014 for Precise Orbit Determination (DPOD2014).

• Mostly based on the IDS position and velocity cumulative solution ids17d01 (for more details on the solution ids17d01, see http://ids-doris.org/analysis-coordination/combination/cumulative-solution.html).

• Available in both SINEX (dpod2014_01.snx) and text (dpod2014_01.txt) formats.
  • SINEX solution contains two additional (and unofficial) blocks:
    – SOLUTION/DISCONTINUITY: origin (ex: earthquake, beacon change, antenna problem…) of the position discontinuities.
    – SOLUTION/DATA_REJECT: periods of time not included in the combination.

• Can be downloaded from the IDS Data Centers (CDDIS, IGN).
• Questions and/or comments: ids.combination@ids-doris.org
• Stations deduced from ids17d01 and IGN DORIS-to-DORIS ties
  
  – Stations turned off before 1993 doy 003: ARLA (from ARMA), RICA (from RIDA).
  
  – Stations turned on after 2015 doy 354: JIWC (from JIVB), KEVC (from KEUC), KIVC (from KIUB), PDOC (from PDNC), SAPC (from SALB).

• Stations with no tie
  
  – Station included in DPOD2008 v1.14: FLOA, HVOA, KRUA*, SOCA*, TROA.
  
  – New DORIS sites (from the DORIS mails): MNAC (Managua), Owenga (OWFC), WEUC (Wettzell).
More information on the ids17d01 cumulative solution can be found at:
http://ids-doris.org/analysis-coordination/combination/cumulative-solution.html