

Manuscript (revision June 16, 2006): 20 years evolution for the DORIS permanent network, from its initial deployment to its renovation

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Comments from Editor: Pascal Willis

p. 12 Amsterdam island and other station-related problems. It is usual and a good policy to cite previous peer-reviewed articles discussing such problem. The article below is, to my knowledge, the first and only attempt to list all the DORIS-station related problems. In my opinion, it should be cited in the text. However, it is also true that some more detailed information is available in several DORIS mails. All authors who had to deal with this citation problem decided to cite both (Willis and Ries 2005, DORISMail, <http://listes.cls.fr/www/arc/dorismail>). You may want to follow the same approach.

Willis P, Ries JC (2005) defining a DORIS core network for Jason-1 precise orbit determination based on ITRF2000, Methods and realization. *J Geod* 79(6-7):370-378, DOI: 10.1007/s00190-005-0475-9

p. 24 IDS 2004. This reference only addresses the goal (identify a set of DORIS core network). The reader cannot guess that such a work was done after that, if this is not specifically explained somewhere in the text and if the reference suggested in the previous reviews is not provided. I do not propose to delete reference IDS 2004 but to be more explicit in the text between the goal and the realization and to cite the following paper:

Willis P, Soudarin L, Fagard H, Ries J, Noomen R (2005) IDS recommendations for ITRF2004, International DORIS Service, <http://ids.cls.fr/html/report/reports.html>

p. 36 Reduced-dynamics technique is now mentioned in the text (as suggested by the reviewer). An additional reference seems to be needed there. Here is a suggestion:

Yunck TP, Bertiger WI, Wu SC, Bar-Sever YE, Christensen EJ, Haines BJ, Lichten SM, Muellerschoen RJ, Vigure Y, Willis P (1994) 1<sup>st</sup> assessment of GPS-based reduced dynamic orbit determination on TOPEX/Poseidon. *Geophys Res Lett* 21(7):541-544