

Manuscript (revised): 20 years evolution for the DORIS permanent network, from its initial deployment to its renovation

Author: Herve Fagard

Comments from Editor: Pascal Willis

p. 5 exists , may (extra blank)

p. 8 is available → and regularly updated

p. 12 Amsterdam/AMSB,... StHelena/HELB

I suggest to add a reference here to

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. 15 Amsterdam/ASMB. Also add a reference to Willis and Ries 2005

p. 21 Service d'Installation et de Maintenance ... in italics

p. 23 In order to shorten the manuscript, I suggest to make a full sentence out of paragraph 10.1, instead of using bullets. Same comment is true for 10.2, 10.3, 11.1, potentially also 11.4 and also maybe other places

p. 24 (IDS 2004) makes the reader think that this works need to be done. I suggest adding the following reference. The IDS2004 is also used elsewhere in the document. Verify if you want to keep it or not. Some early discussion on that was also done in Willis and Ries as well.

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. 26 better... → better.

p. 28 many elements → many other elements

p. 35 “as stated in one ... May 2004” could be deleted

p. 36 at Rapa → at Rapa, in 2006

p. 39 Altamimi et al. (2003). The publication year is 2003 but you also need to add the year of the meeting (that could be different from the year of publication) after “May”. Same comment is also true for several other meeting publications in the list: Boucher and Fagard, 19991; Fagard and Orsoni, 1998; Fagard and Orsoni 2000; IDS 2004

p. 39 Altamimi (2003). The URL address is not needed as the article is available in print. Same comment for Fagard and Orsoni, 2000

p. 39 BIH. Add France after Observatoire de Paris. Same comment for Boucher et al., 1994; Boucher et al., 1996; Boucher et al., 1997

p. 39 Boucher et al. 19997. Publication year is missing. 1999?

p. 40 Berne → Bern

p. 41 Jayles (submitted)...This Issue → Jayles (in press) ...J Geod, Same Issue, DOI: 10.1007/s00190-006-0046-8

p. 41 Le Bail, add J Geod, Same Issue

p. 41 MassmannF, blank missing

p. 41 Pavlis (27), 3-4 → 27(3-4):

p. 42 Tavernier, add J Geod

p. 46 Fig 9, no guy-wires... --> .

p. 51 Fig 27, add in the title something like “Belgrano beacon was considered as a permanent station after ...”

p. 56 In figures 37 and 38, you need to add the year (for 37), as well as the elevation cut-off and the satellite considered.