| **Page** | **Section** | **Line** | **Type** | **Comment/ Rationale** | **Source of Comment (Name/Agency)** | **Suggested Disposition** | **Disposition****(Completed by Principal Editor)** |
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| 4-11 | 4.2.1.1 |  | ge | In table 4-1, Terms “body” and “Segment” are introduced without further explanation. Following the structure presented above, one might get lost reading the layout | Ralph Kahle / DLR | Explain terms “body”, “segment” before using them in the table. For simplicity we may adapt the description provided in TDM Version 2.0 section 3.1.1 – 3.1.3. |  |
| 4-13 | 4.2.3.1 |  | ge | Missing rationale explaining why multiple sets of METADATA, DATA can be used | Ralph Kahle / DLR | Introduce a small comment justifying the need for this. For simplicity we may adapt the description provided in TDM Version 2.0 section 3.3.1.1 … |  |
| All | All |  | ed | Consistent usage of references shall be used. Sometimes ref. [x] is used, sometimes only [x], sometimes reference [x]… The same applies to cross-references in the document like sections or tables.  | Ralph Kahle / DLR | Use consistent method in whole document |  |
| 4-16 | Table 4-3 | 2 | ge | In the description of ATTITUDE\_TYPE, the format should refer to the attitude information contained in the attitude ephemeris data lines and not to “the data lines” as a whole | Ralph Kahle / DLR | Replace first sentence by: “The format of the attitude information in the attitude ephemeris data lines …” |  |
| 4-17 | 4.2.5 |  | ge | Attitude Ephemeris Data Lines is introduced as a new subsection. Shouldn’t it be included in 4.2.4 AEM DATA subsection? | Ralph Kahle / DLR | Make it a sub-subsection of 4.2.4 |  |
| 4-17,4-18 | 4.2.5.2Table 4-4 |  | ge | A reference to ANNEX C shall be introduced in or above table 4-4 to show the reader where the attitude conventions are defined. In Table 3-3, a small definition of quaternions is presented for instance. | Ralph Kahle / DLR | Cross-reference Annex C for clarification of attitude conventions. This can be done by adding e.g. under 4.2.5.2: See Annex C for attitude conventions and definitions.  |  |
| 4-19 | 4.2.5.4 |  | ge | State somewhere that examples of AEM files are provided in ANNEX D. Otherwise the reader just sees the definition without proper examples.  | Ralph Kahle / DLR | Add cross-reference to ANNEX D |  |
| C-4 | C3 |  | te | A small clarification could be introduced stating that Euler angles represent a set of **intrinsic** rotations (and not extrinsic). Meaning that the rotations occur about the axes of a coordinate system attached to a moving (rotating) body. And not about a fixed set of axes.  | Ralph Kahle / DLR | In the first line, add “… 3 successive **intrinsic** rotations…” |  |
| All | All |  | ed | Missing change log w.r.t. Version 1 of the document (changes in ADM format are well addressed in Annex E). | Ralph Kahle / DLR | Add change log. For example, see TDM Version 2.0 section 1.2.6 … |  |
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