| **Page** | **Section** | **Line** | **Type** | **Comment/ Rationale** | **Source of Comment (Name/Agency)** | **Suggested Disposition** | **Final Disposition****(Do Not Fill In)** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | A | 16 | Te | You already state above that partners can use different settings, but suggest you add an “ICD” entry | NASA/Oltrogge | Add “ICD” entry at the end of the table, followed by “Other timing system, as defined in ICD” |  |
| 7 | A | All | Te | What are these reference frames used for? As a Tracking Data Message, don’t you also need station coordinates? Also, this list is a bit sparse. | NASA/Oltrogge | Consider adding both station-relative and other coordinate systems (to include both inertial, Earth-fixed, and relative or local coordinate frames such as contained in current draft ODM tables B2 and B3. |  |
| All | B | All | Ge | The section numbers are listed as appendix “a” under a heading of Appendix “B”. | NASA/Oltrogge | Suggest that you move the conformance section up to become Appendix “A” and alter the headings and the former Appendix A (to be Appendix B) accordingly. |  |
| 12 | 3 | ~20 | Te | The absolute mapping to 1AU is often used for planetary missions, but for LEO satellites analysts often map to something more like 1000 km to keep it closer to what can be expected. | NASA/Oltrogge | Not sure how best to accommodate (or not). |  |
| All | C | All | GE | The section numbers and pages are all messed up (Annex “C” has page numbers B-XX etc) | NASA/Oltrogge | Fix per above. |  |
| All | All | All | Te | It’s painful to have to parse in both plain text and in XML. Multiple people said that for Tracking data messages, XML is not desired for a number of reasons: (1) it’s difficult to “diff” files to detect changes; (2) you have to read the entire file first before you can ensure that you have all the necessary information and can figure out what to do; (3) when you have thousands of small tracks, XML is extremely space-inefficient. | NASA/Oltrogge | Consider whether XML is well-suited to this message. The commenter suggested the JSON variant as an alternative. |  |
| All | All | All | Te | The TDM doesn’t support TDOA/FDOA measurements | NASA/Oltrogge | Should be added |  |
| All | All | All | Te | Doesn’t support SSA-specific needs, such as being able to mark a track as being uncorrelated. | NASA/Oltrogge | Should be augmented to meet SSA needs. |  |
| All | All | All | Te | Can’t easily write a script to rip through a directory full of TDMs and extract data for specific satellites and merge them into one larger TDM file | NASA/Oltrogge | JSON or text variants would help with this (above). |  |
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