| **Page** | **Section** | **Line** | **Type** | **Comment/ Rationale** | **Source of Comment (Name/Agency)** | **Suggested Disposition** | **Disposition****(Completed by Principal Editor)** |
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| 7-1 | 7.1 | 1 | Ed | Introduction states “All APM and AEM…” and is missing the ACM element  | Patrick Zimmerman / NASA-JSC | Update to state “All APM, AEM, and ACM…” |  |
| 7-1 | 7.1 | 2 | Ed | Introduction states “subsections 5.2 through 5.8”, which appear to still be the old numbering from draft P1.6 | Patrick Zimmerman / NASA-JSC | Update numbering to indicate:“subsections to 7.2 through 7.9” |  |
| 7-1 | 7.2 | 1 | Ed | States: “…keyword descriptions given in 3.2.1 through 3.2.6.”While the APM content section of the document does go from 3.2.1 through 3.2.6, the keyword descriptions do not, and are only contained in 3.2.2 through 3.2.4. | Patrick Zimmerman / NASA-JSC | Update to state: “…keyword descriptions given in 3.2.2 through 3.2.4.” |  |
| 3-8 | 3.2.6 |  | Ed | The subsection “Keyword Set” in 3.2.6 does not exist for the AEM in section 4.2 (there used to be one, but it got deleted between P1.7 and P1.8). Also does not exist for the ACM in 5.2 (was never included).  | Patrick Zimmerman / NASA-JSC | Either delete 3.2.6, or add subsection regarding AEM Keyword Set into section 4.2 and ACM Keyword Set into section 5.2 |  |
| 7-1 | 7.3 | 1 | Ed | States: “…keyword descriptions given in 4.2.1 through 4.2.5.”While the AEM content section of the document does go from 4.2.1 through 4.2.5, the keyword descriptions do not, and are only contained in 4.2.2 through 4.2.5. (but not 4.2.5.1 or 4.2.5.2) | Patrick Zimmerman / NASA-JSC | Update to state: “…keyword descriptions given in 4.2.2 through 4.2.5.” |  |
| 4-22 | 4.2.5.1 & 4.2.5.2 |  | Ed | These two subsections do not appear to be directly related to section 4.2.5. They do seem to be similar in intent to what is described in section 3.2.5 Remarks, and if it does have a similar intent, then it should be treated the same way. (i.e. made their own section) | Patrick Zimmerman / NASA-JSC | Create subsection “4.2.6 Remarks” and move 4.2.5.1 and 4.2.5.2 into it.4.2.6 Remarks4.2.6.1 Format4.2.6.2 Technical |  |
| 7-1 | 7.4 | 1 | Ed | States: “…keywords given in 5.2.1 through 5.2.7.”Missing the word ‘descriptions’ after ‘keyword’.The ACM keyword descriptions appear to actually be contained in subsections 5.2.2 through 5.2.9. | Patrick Zimmerman / NASA-JSC | Update to state: “…keyword descriptions given in 5.2.2 through 5.2.9.” |  |
| 7-1 | 7.4, 7.5, 7.6 |  | Ed | There are multiple statements in each of these sections and none of them numbered. (they used to be, why were they removed?).And looking at the RDM at the same components, all of them are numbered in that document. Suggest numbering all the statements for both readability, and for consistency with the other NAV message documents. | Patrick Zimmerman / NASA-JSC | Suggest adding subsection numbering for all the items in these three sections |  |
| 7-1 | 7.6 |  | Ed | States ‘All header, metadata, and APM data lines,…’Not clear why only APM is called out. Suggest deletion of word APM | Patrick Zimmerman / NASA-JSC | Change to:‘All header, metadata, and data lines,…’ |  |
| 7-1 | 7.6 |  | Ed | States ‘with exceptions noted in 0,…’In prior draft, this was ‘5.5.8’, but that section no longer exists. As the exceptions are now within 7.6 itself, suggest saying ‘below’ (unless it gets numbered) | Patrick Zimmerman / NASA-JSC | Change to:‘with exceptions noted below,…’ |  |
| 7-2 | 7.6 |  | Ed | Qualification missing regarding white space around the units | Patrick Zimmerman / NASA-JSC | Insert statement:Any white space immediately preceding or following the units shall not be significant. |  |
| 7-2 | 7.7 | 8 | Ed | Expression uses both ≤ and <=. Suggest replacing <= with ≤. | Patrick Zimmerman / NASA-JSC | Update line to show:‘…(i.e., -231 ≤ x ≤ 231-1)’ |  |
| 7-2 | 7.7 | 12 | Ed | ACM is missing in the list. | Patrick Zimmerman / NASA-JSC | Suggest updating sentence to say ‘Both representations may be used within an APM, AEM or an ACM.’ |  |
| 7-3 | 7.7 |  | Ed | Error at end of the below sentence. This used to say section 5.5.8, which no longer exists, and now states ‘0’. This info is now the last line in section 7.6A non-empty value field must be specified for each keyword provided, except as noted in 0. | Patrick Zimmerman / NASA-JSC | Suggest changing ‘0’ to ‘7.6’A non-empty value field must be specified for each keyword provided, except as noted in 7.6. |  |
| 7-4 | 7.8.1 c) |  | Ed | Line ends with a period. Should end with a semi-colon. | Patrick Zimmerman / NASA-JSC | Suggest changing punctuation at end of sentence to:…(e.g., ‘[N\*m]’); |  |
| 7-4 | 7.8.2 |  | Ed | Reference says “See 0”. | Patrick Zimmerman / NASA-JSC | Update reference to appropriate value, if reference is required. Otherwise delete. |  |
| 7-4 | 7.9.1 |  | Ed | Third paragraph does not mention the ACM.  | Patrick Zimmerman / NASA-JSC | Suggest updating to include ACM‘…it is recommended that the APM, AEM or ACM producer convey…’ |  |
| 7-5 | 7.9.3.1 |  | Ed | Including a subsection title is inconsistent relative to the other sections (7.9.2 and 7.9.4), which do not have subsection titles.  | Patrick Zimmerman / NASA-JSC | Suggest removing the header ‘7.9.3.1 General’ |  |
| 7-5 | 7.9.3.1 |  | Ed | AEM tables are not indicated, whereas in 7.9.2 and in 7.9.4 the respective APM and ACM tables are called out | Patrick Zimmerman / NASA-JSC | Suggest adding reference to tables 4-2, 4-3 and 4-4 |  |
| 7-5 | 7.9.4 |  | Ed | Excess spacing between sections 7.9.3.1 and 7.9.4 | Patrick Zimmerman / NASA-JSC | Suggest deleting extra blank line between sections |  |
| 7-5 | 7.9.4 |  | Ed | Section title is not in same style (bold) as all the others | Patrick Zimmerman / NASA-JSC | Suggest correcting the font style for the section header |  |