| **Page** | **Section** | **Line** | **Type** | **Comment/ Rationale** | **Source of Comment (Name/Agency)** | **Suggested Disposition** | **Disposition****(Completed by Principal Editor)** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 3-3 | Table 3-2(header)  |  |  | The header line (column 3) is not exact  | A. LAMY / CNES | Replace "Examples of values" by : Examples of values or list of normative values |  |
| 3-3 | Table 3-2 |  |  | OBJECT\_TYPE: UNKNOWN and OTHER OTHER should be removed as it does not bring any useful information (compared to UNKNOWN) | A. LAMY / CNES |  |  |
| 3-3 | Table 3-2 |  |  | OBJECT\_OWNER Add "UNKNOWN" as a possible value | V. MORAND / CNES |  |  |
| 3-4 | Table 3-2 |  |  | GRAVITY MODEL Add a way to specify the degree / order of the potential  | V. MORAND / CNES |  |  |
| 3-4 | Table 3-2 |  |  | ATMOSPHERIC\_MODELIn addition to the model name, add hypotheses on solar activity (constant flux/Ap values or not ...)  | V. MORAND / CNES |  |  |
| 3-4 | Table 3-2 |  |  | INTRACK\_THRUSTWhy in-track only ?  | V. MORAND / CNES |  |  |
| 3-3 | Table 3-2 |  |  | INTERNATIONAL\_DESIGNATOR Update description (see ODM)  | A. LAMY / CNES |  |  |
| 3-3 | Table 3-2 |  |  | ORBIT\_CENTERIn the example EARTH CENTER is written in 2 lines (separated by a carriage return). I suppose it should be in only one line.  | A. LAMY / CNES |  |  |
| 3-5 | Table 3-3 |  |  | ORBIT\_LIFE\_TIMEshould not be specified from the epoch given in the headerBecause the header does not contain information related to the contents of the message | A. LAMY / CNES |  |  |
| 3-6 | Table 3-3 |  |  | NOMINAL\_REENTRY\_ALTITUDE: Remove "permanently" or clarify the meaning | A. LAMY / CNES |  |  |
| 3-6 | Table 3-3 |  |  | NOMINAL\_REENTRY\_ALTITUDE: Why "NOMINAL" ?  | A. LAMY / CNES |  |  |
| 3-6 | Table 3-3 |  |  | NOMINAL\_REENTRY\_ALTITUDE: Remove the reference to an ICD in the description: why use an ICD if there is a possibility to put the value in the message ?  | A. LAMY / CNES |  |  |
| 3-6 | Table 3-3 |  |  | NOMINAL\_REENTRY\_ALTITUDE Add "geodetic" (presumably) or geocentric.  | V. MORAND / CNES |  |  |
| 3-6 | Table 3-3 |  |  | LIFETIME DISPERSION : The law may not be Gaussian. So allow for 2 values [min/max] instead of one that would for instance correspond to : - probability > max = (1 - 0.9973)/2- probability < min = (1 - 0.9973)/2 | A. LAMY / CNES |  |  |
| 3-6 | Table 3-3 |  |  | LIFETIME DISPERSION: Remove as there are already START and END(this would simplify the message and makes understanding easier and less ambiguous)  | A. LAMY / CNES |  |  |
| 3-6 | Table 3-3 |  |  | LIFETIME DISPERSION or WINDOW START/ENDHow do we know which uncertainties are taken into account ?  | V. MORAND / CNES |  |  |
| 3-6 | Table 3-3 |  |  | NOMINAL\_ REENTRY\_EPOCH"Permanently drops below' : same remark as for altitude  | A. LAMY / CNES |  |  |
| 3-6 | Table 3-3 |  |  | LON-LAT X-Y : I would avoid giving redundant information (that may be not consistent, or that may not have the same accuracy)=> keep only one form  | A. LAMY / CNES |  |  |
| 3-6 | Table 3-3 |  |  | NOMINAL\_IMPACT\_LON, LAT ...There is only one value allowed How would the message be used if there are several pieces ?  | V. MORAND / CNES |  |  |
| 3-3 | Table 3-2 |  |  | OBJECT\_NAME field should be optional  | J-C. DOLADO-PEREZ / CNES |  |  |
| 3-4 | Table 3-2 |  |  | TIME\_SYSTEM should be mandatory to avoid ambiguities. UTC should not be assumed by default | J-C. DOLADO-PEREZ / CNES |  |  |
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