| **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\_MODEL  In 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\_THRUST  Why 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\_CENTER  In 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\_TIME  should not be specified from the epoch given in the header  Because 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/END  How 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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