OCM descriptive figure:

Table 6‑1 : OCM File Layout and Ordering Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Section** | | | **Content** | **Status**  **M/O/C** |
| OCM Header | | | A single header of the message | M |
| OCM Metadata | | | A single metadata section (data about data) | M |
| Data | orbit data 1 | data description | One or more orbit state time histories (consisting of one or more orbit states) | O |
| data lines |
| **⁝** | |
| orbit data n | data description |
| data lines |
| physical properties |  | A single space object  physical characteristics section | O |
| covariance data 1 | data description | One or more covariance time histories (each consisting of one or more covariance matrices) | O |
| data lines |
| **⁝** | |
| covariance data n | data description |
| data lines |
| maneuver data 1 | data description | One or more maneuver specifications for either impulsive or finite burns or acceleration profiles | O |
| data lines |
| **⁝** | |
| maneuver data n | data description |
| data lines |
| perturbation parameters |  | A single perturbations parameters section | O |
| orbit determination |  | A single orbit determination data section | O |