| Page | Section | Line | Type | Comment/ Rationale | Source of Comment (Name/Agency) | Suggested Disposition | Disposition(Completed by Principal Editor) |
| --- | --- | --- | --- | --- | --- | --- | --- |
| A-1 | Annex A |  |  | Enhance definition of Eccentricity to improve readability | Patrick Zimmerman / NASA-JSC | Eccentricity: The ratio of the distance from the center of an ellipse to a focus to the length of the semi-major axis (e = c/a). |  |
| A-2 | Annex A |  |  | Modify ordering in Ground-to-flight definition for consistency | Patrick Zimmerman / NASA-JSC | Ground-to-flight: The set of exchanges between any one non-spacecraft participant and a ~~non-~~spacecraft participant. |  |
| A-2 | Annex A |  |  | Modify number of satellites in GPS definition. At least 24 operational is the minimal availability level and currently the constellation is well above that. | Patrick Zimmerman / NASA-JSC | Global Positioning System (GPS): A highly accurate, global satellite navigation system based on a constellation of 31 operational satellites orbiting the Earth at a ~~very~~ high altitude. In addition to navigation data, the system also provides very precise time data. |  |
| A-3 | Annex A |  |  | Unnecessary adverb. | Patrick Zimmerman / NASA-JSC | Osculating elements: The elements at a specified time *t* of the Keplerian orbit that describe the flight path the spacecraft would follow if all perturbing forces were ~~suddenly~~ removed at the time *t*. |  |
| A-3 | Annex A |  |  | Clarification of definition of Range | Patrick Zimmerman / NASA-JSC | Range: The distance between two points, usually measured as the light time of flight of a signal from ~~between~~ the transmitter to ~~and~~ the receiver |  |
| A-3 | Annex A |  |  | Relevance of RINEX in the Glossary?  | Patrick Zimmerman / NASA-JSC | Recommend deleting both Receiver Independent Exchange Format and RINEX |  |
| A-3 | Annex A |  |  | Missing term | Patrick Zimmerman / NASA-JSC | Rotation:  |  |
| A-3 | Annex A |  |  | Clarification of definition of Range Rate. Doppler is not the only method. Perhaps modify to be similar to the Range definition. | Patrick Zimmerman / NASA-JSC | Range rate: The rate at which the range changes between the satellite and receiver. The range to a satellite changes due to satellite and observer motions. Range rate is usually determined by measuring the Doppler shift of the satellite beacon carrier. |  |
| A-3 | Annex A |  |  | Modification of definition for consistency | Patrick Zimmerman / NASA-JSC | Semimajor axis: One-half the straight-line distance between the pericenter and apocenter ~~apoapsis~~ points in an orbit. |  |
| B-2 | Annex B |  |  | Clarification of IRM Acronym. Also check page 4-5, section 4.3.4.3 | Patrick Zimmerman / NASA-JSC | IERS Reference Meridian  |  |
| B-2 | Annex B |  |  | Clarification of ITRF Acronym. ‘after’ reference ambiguous (possibly intentionally - to indicate either the year 2000 or the acronym ITRF), but should be consistent with ‘before’ | Patrick Zimmerman / NASA-JSC | International Terrestrial Reference Frame (-xx before 2000, xxxx after 2000 to indicate year issued) |  |
| B-2 | Annex B |  |  | Clarification of MOON\_ME Acronym. Unnecessary abbreviation. Unused in other similar definitions. | Patrick Zimmerman / NASA-JSC | Moon Mean Earth ~~(ME)~~ |  |
| B-3 | Annex B |  |  | Should NASA be included here? No other Agency is listed, as they are all, including NASA, defined up on page iii | Patrick Zimmerman / NASA-JSC | Delete NASA? |  |
| B-2 | Annex B |  |  | Typo in RTLT entry. Contains RTN on the same line, should be on its own. | Patrick Zimmerman / NASA-JSC | Move RTN to separate entry. |  |
| B-4 | Annex B |  |  | TVN acronym out of sequence | Patrick Zimmerman / NASA-JSC | Move TVN below TT. |  |
| B-4 | Annex B |  |  | General question regarding USAF – are they an Observing Agency, or something else? | Patrick Zimmerman / NASA-JSC | Depends on answer to the question. Although it’s not clear why they would be listed in the Glossary |  |
| B-4 | Annex B |  |  | UVW defined as a launch frame was surprising.  | Patrick Zimmerman / NASA-JSC | Recommend changing to the more common orbital radial, downtrack, crosstrack definition |  |
| B-4 | Annex B |  |  | Missing capitalization of declination.  | Patrick Zimmerman / NASA-JSC | Declination |  |
|  | Annex B |  |  | Missing Acronyms found elsewhere in the document:CGGTODMODNORADUSOVLBI | Patrick Zimmerman / NASA-JSC | Suggest inclusion in listCG – center of gravityGTOD – Greenwich True of DateMOD – Mean of DateNORAD – North American Aerospace Defense Command USO – Ultra Stable OscillatorVLBI – Very Long Baseline Interferometry |  |