**SPACECRAFT BODY REFERENCE FRAMES**

This registry contains allowable values for specifying attitude control and spacecraft systems reference frames in the accompanying referenced standards. The index 'i' is an integer from 1 to the maximum number for the applicable spacecraft. The exact specification of the frames (position of center, orientation) should be defined in an ICD.

| **Name** | **Description** | **Reference** |
| --- | --- | --- |
| ACC\_i | Accelerometer reference frame |  |
| ACTUATOR\_i | Actuator reference frame, could denote reaction wheels, solar arrays, thrusters, magnetic torque rods, etc. |  |
| AST\_i | Autonomous Star Tracker reference frame |  |
| CSS\_i | Coarse Sun Sensor reference frame |  |
| DSS\_i | Digital Sun Sensor reference frame |  |
| ESA\_i | Earth Sensor Assembly reference frame |  |
| GYRO\_FRAME\_i | Gyro reference frame |  |
| IMU\_FRAME\_i | Inertial Measurement Unit reference frame |  |
| INSTRUMENT\_i | Instrument reference frame |  |
| MTA\_i | Magnetic Torque Assembly reference frame |  |
| RW\_i | Reaction Wheel reference frame |  |
| SA\_i | Solar Array Coordinate Frame (change "Coordinate" to "Reference"?) |  |
| SC\_BODY\_i | Spacecraft Body reference frame |  |
| SENSOR\_i | Sensor reference frame |  |
| STARTRACKER\_i | Star Tracker reference frame |  |
| TAM\_i | Three Axis Magnetometer reference frame |  |