



# Acronyms

## ***MSRR Acronym List***



# Acronyms

<b>A/D</b>	<b>Analog to Digital</b>
<b>4DDA</b>	<b>4-Dimensional Data Assimilation</b>
<b>ACRIM</b>	<b>Active Cavity Radiometer Irradiance Monitor</b>
<b>ADD</b>	<b>Architecture Description Document</b>
<b>ADS</b>	<b>Ancillary Data Systems</b>
<b>ADS</b>	<b>Archive &amp; Distribution Segment</b>
<b>AFSCN</b>	<b>Air Force Satellite Control Network</b>
<b>AFWA</b>	<b>Air Force Weather Agency</b>
<b>AGE</b>	<b>Aerospace Ground Equipment</b>
<b>AGI</b>	<b>Advanced Global Imager</b>
<b>AIRS</b>	<b>Atmospheric Infrared Sounder</b>
<b>Ais</b>	<b>Action Items</b>
<b>AMSR</b>	<b>Advanced Microwave Scanning Radiometer</b>
<b>AMSU</b>	<b>Advanced Microwave Sounding Unit</b>
<b>AO</b>	<b>Announcement of Opportunity</b>
<b>Ao</b>	<b>Operational Availability</b>
<b>AOS</b>	<b>Advanced Operating System, Acquisition of Signal</b>
<b>ARM</b>	<b>Atmospheric Radiation Measurement Program</b>
<b>ASTER</b>	<b>Advanced Spaceborne Thermal Emission and Reflection Radiometer</b>
<b>ATMS</b>	<b>Advanced Technology Microwave Sounder</b>
<b>AVHRR</b>	<b>Advanced Very High Resolution Radiometer</b>
<b>BER</b>	<b>Bit Error Rate</b>
<b>C3S</b>	<b>Command, Communications, Control Segment</b>
<b>CADU</b>	<b>Channel Access Data Unit</b>



# Acronyms

<b>CAIV</b>	<b>Cost as an Independent Variable</b>
<b>Cal/Val</b>	<b>Calibration / Validation</b>
<b>CART</b>	<b>Cloud and Radiation Testbed</b>
<b>CCSDS</b>	<b>Consultative Committee for Space Data Sciences</b>
<b>CDA</b>	<b>Command &amp; Data Acquisition</b>
<b>CDR</b>	<b>Critical Design Review</b>
<b>CERES</b>	<b>Clouds and Earth's Radiant Energy System</b>
<b>CFI</b>	<b>Call for Improvement</b>
<b>CMIS</b>	<b>Conical Microwave Imager Suite</b>
<b>Conops</b>	<b>System and Operation Concept</b>
<b>CrIS</b>	<b>Cross-Track Infrared Sounder</b>
<b>CSRD</b>	<b>Common Sensor Requirements Document</b>
<b>CTR</b>	<b>Center (Frequency)</b>
<b>D/L</b>	<b>Down Load</b>
<b>DARPA</b>	<b>Defense Advanced Research Project Agency</b>
<b>DB</b>	<b>Database</b>
<b>db</b>	<b>Decibel</b>
<b><math>\Delta</math>ET</b>	<b>Change in Evapotranspiration</b>
<b>DMSP</b>	<b>Defense Meteorological Satellite Program</b>
<b><math>\Delta</math>NPP</b>	<b>Change in Net Primary Productivity</b>
<b>DoD</b>	<b>Department of Defense</b>
<b>DOORS</b>	<b>Dynamic Object Oriented Requirements System</b>
<b>ECMWF</b>	<b>European Centre for Medium-Range Weather Forecasting</b>



# Acronyms

<b>EDR</b>	<b>Environmental Data Record</b>
<b>EMD</b>	<b>Engineering, Manufacturing and Development</b>
<b>EOS</b>	<b>Earth Observing System</b>
<b>ESE</b>	<b>Earth Science Enterprise</b>
<b>ETM+</b>	<b>Enhanced Thematic Mapper+</b>
<b>FAR</b>	<b>Federal Acquisition Regulation</b>
<b>FNMOCC</b>	<b>Fleet Numerical Meteorology and Oceanography Center</b>
<b>FOC</b>	<b>Final Operational Capability</b>
<b>FODB</b>	<b>Fiber Optic Data Bus</b>
<b>FOV</b>	<b>Field of View</b>
<b>FPAR</b>	<b>Fractional Photosynthetically Active Radiation</b>
<b>FPGA</b>	<b>Field Programmable Gate Array</b>
<b>G</b>	<b>Giga</b>
<b>GB</b>	<b>Gigabyte</b>
<b>GCScT</b>	<b>Global Change Science Team</b>
<b>GLAS</b>	<b>Geoscience Laser Altimeter System</b>
<b>GPS</b>	<b>Global Positioning System</b>
<b>GSE</b>	<b>Ground Support Equipment</b>
<b>GSFC</b>	<b>Goddard Space Flight Center</b>
<b>GSIFs</b>	<b>Ground Support Interface Facility</b>
<b>h/k</b>	<b>Housekeeping</b>
<b>H/M/L</b>	<b>High/Medium/Low</b>
<b>HIRDLS</b>	<b>High-Resolution Dynamics Limb Sounder</b>



# Acronyms

<b>HRD</b>	<b>High Rate Data</b>
<b>HSB</b>	<b>Humidity Sounder of Brazil</b>
<b>Hz</b>	<b>Hertz</b>
<b>I&amp;T</b>	<b>Integration and Test</b>
<b>I/F</b>	<b>Interface</b>
<b>ICD</b>	<b>Interface Control Document</b>
<b>IDPS</b>	<b>Interface Data Processor Segment</b>
<b>IEEE</b>	<b>Institute of Electrical &amp; Electronics Engineers</b>
<b>IFOR</b>	<b>Instantaneous Field of Regard</b>
<b>IFOV</b>	<b>Instantaneous Field of view</b>
<b>IIA</b>	<b>Initial Implementation Agreement</b>
<b>IMDC</b>	<b>Integrated Mission Design Center</b>
<b>IOC</b>	<b>Initial Operational Capability</b>
<b>IOO</b>	<b>Instrument of Opportunity</b>
<b>IORD</b>	<b>Integrated Operational Requirements Document</b>
<b>IPO</b>	<b>Integrated Program Office</b>
<b>IPT</b>	<b>Integrated Product Team</b>
<b>IR</b>	<b>Infrared</b>
<b>IRD</b>	<b>Interface Requirements Document</b>
<b>ISP</b>	<b>Interim Science Panel</b>
<b>ITT</b>	<b>International Telephone and Telegraph</b>
<b>JARG</b>	<b>Joint Agency Requirements Group</b>
<b>JPL</b>	<b>Jet Propulsion Laboratory</b>
<b>K</b>	<b>Kelvin</b>



# Acronyms

<b>Kbps</b>	<b>Kilobits Per Second</b>
<b>Km</b>	<b>Kilometer</b>
<b>L1</b>	<b>Level 1 Requirements</b>
<b>L2</b>	<b>Level 2 Requirements</b>
<b>L3</b>	<b>Level 3 Requirements</b>
<b>LAI</b>	<b>Leaf Area Index</b>
<b>LEO</b>	<b>Low Earth Orbit</b>
<b>LM</b>	<b>Lockheed Martin</b>
<b>LNAs</b>	<b>Low Noise Amplifiers</b>
<b>LOS</b>	<b>Loss of Signal</b>
<b>LSE</b>	<b>Launch Support Equipment</b>
<b>LSS</b>	<b>Launch Support Segment</b>
<b>LTA WG</b>	<b>Long Term Archive Working Group</b>
<b>LV</b>	<b>Launch Vehicle</b>
<b>LWIR</b>	<b>Long Wave Infrared</b>
<b>MB</b>	<b>Megabyte</b>
<b>Mb</b>	<b>Megabit</b>
<b>mb</b>	<b>Millibar</b>
<b>Mbps</b>	<b>Megabits Per Second</b>
<b>MCR</b>	<b>Mission Confirmation Review</b>
<b>MCR</b>	<b>Monthly Coordination Review</b>
<b>METOP</b>	<b>Meteorological Operations</b>
<b>MHS</b>	<b>Microwave Humidity Sounder</b>
<b>MHz</b>	<b>Megahertz</b>



# Acronyms

<b>MIL-STD</b>	<b>Military Standard</b>
<b>MISR</b>	<b>Multi-angle Imaging SpectroRadiometer</b>
<b>MLS</b>	<b>Microwave Limb Sounder</b>
<b>MODIS</b>	<b>Moderate-Resolution Imaging Spectrometer</b>
<b>MOPITT</b>	<b>Measure Of Pollution In The Troposphere</b>
<b>MPDR</b>	<b>Mission Preliminary Design Review</b>
<b>MSDR</b>	<b>Mission Systems Design Review</b>
<b>MSRR</b>	<b>Mission System Requirements Review</b>
<b>MWIR</b>	<b>Mid-Wave Infrared</b>
<b>N/A</b>	<b>Not Applicable</b>
<b>NASA</b>	<b>National Aeronautics and Space Administration</b>
<b>NAST</b>	<b>NPOESS Airborne Sounder Testbed</b>
<b>NAVO</b>	<b>Naval Oceanographic Office</b>
<b>NCDC</b>	<b>National Climate Data Center</b>
<b>NCEP</b>	<b>National Centers for Environmental Prediction</b>
<b>NESDIS</b>	<b>National Environmental Satellite, Data and Information Center</b>
<b>NOAA</b>	<b>National Oceanographic and Atmospheric Administration</b>
<b>NPG</b>	<b>NASA Procedure/Guideline</b>
<b>NPOESS</b>	<b>National Polar-Orbiting Operational Environmental Satellite System</b>
<b>NPP</b>	<b>NPOESS Preparatory Project</b>
<b>NRA</b>	<b>NASA Research Announcement</b>
<b>NWS</b>	<b>National Weather Service</b>
<b>OAT</b>	<b>Operational Algorithm Team</b>
<b>OLS</b>	<b>Operational Linescan System</b>



# Acronyms

<b>OMB</b>	<b>Office of Management &amp; Budget</b>
<b>PAF</b>	<b>Payload Attach Fitting</b>
<b>PAPAC</b>	<b>Provide Aerospace Products and Capabilities</b>
<b>PB</b>	<b>Playback</b>
<b>PCA</b>	<b>Program Commitment Agreement</b>
<b>PCE</b>	<b>Primary Control Electronics</b>
<b>PDRR</b>	<b>Program Definition and Risk Reduction</b>
<b>PFM</b>	<b>Protoflight Model</b>
<b>PI</b>	<b>Principal Investigator</b>
<b>POES</b>	<b>Polar Orbiting Operational Satellite</b>
<b>POP</b>	<b>Program Operating Plan</b>
<b>Ps</b>	<b>Probability of Success</b>
<b>PV</b>	<b>Photovoltaic</b>
<b>QA</b>	<b>Quality Assurance</b>
<b>QH</b>	<b>Quasi-Horizontal</b>
<b>QV</b>	<b>Quasi-Vertical</b>
<b>R&amp;D</b>	<b>Research and Development</b>
<b>RAM</b>	<b>Random Access Memory</b>
<b>RDR</b>	<b>Raw Data Records</b>
<b>RF</b>	<b>Radio Frequency</b>
<b>RFA</b>	<b>Request for Action</b>
<b>RFI</b>	<b>Request For Information</b>
<b>RFI</b>	<b>Request for Information</b>
<b>RFO</b>	<b>Request for Offer</b>





# Acronyms

<b>RFP</b>	<b>Request For Proposal</b>
<b>RFP</b>	<b>Request for Proposal</b>
<b>RMS</b>	<b>Root Mean Square</b>
<b>ROE</b>	<b>Rules of Engagement</b>
<b>RSA</b>	<b>Rapid Spacecraft Acquisition</b>
<b>RSDO</b>	<b>Rapid Spacecraft Development Office</b>
<b>RT</b>	<b>Realtime</b>
<b>RTS</b>	<b>Relative Time Sequence</b>
<b>S/C</b>	<b>Spacecraft</b>
<b>S/W</b>	<b>Software</b>
<b>SAMP</b>	<b>Single Acquisition Management Plan</b>
<b>SAO</b>	<b>Satellite Acquisition Office</b>
<b>SDR</b>	<b>Sensor Data Record</b>
<b>SDS</b>	<b>Science Data Segment</b>
<b>SMA</b>	<b>S-band Multi-Access</b>
<b>SMD</b>	<b>Stored Mission Data</b>
<b>SN</b>	<b>Space Network</b>
<b>SOH</b>	<b>State of Health</b>
<b>SOLSTICE</b>	<b>Solar Stellar Irradiance Comparison Experiment</b>
<b>SRB</b>	<b>System Review Board</b>
<b>SRD</b>	<b>Sensor Requirements Document</b>
<b>SRR</b>	<b>System Requirement Review</b>
<b>SS</b>	<b>Space Segment</b>



# Acronyms

<b>SSA</b>	<b>S-band Single Access</b>
<b>SST</b>	<b>Sea Surface Temperature</b>
<b>SUAG</b>	<b>Senior Users Agency Group</b>
<b>SWIR</b>	<b>Short Wave Infrared</b>
<b>TB</b>	<b>Terabyte</b>
<b>TBD</b>	<b>To Be Determined</b>
<b>TBR</b>	<b>To Be Resolved</b>
<b>TBS</b>	<b>To Be Supplied</b>
<b>TBx</b>	<b>To Be (Resolved/Supplied/Determined)</b>
<b>TDR</b>	<b>Temperature Data Record</b>
<b>TES</b>	<b>Tropospheric Emission Spectrometer</b>
<b>TIM</b>	<b>Technical Interchange Meeting</b>
<b>TRD</b>	<b>Technical Requirement Document</b>
<b>TRL</b>	<b>Technology Readiness Level</b>
<b>TRMM</b>	<b>Tropical Rainfall Measuring Mission</b>
<b>TRW</b>	<b>Thompson-Ramos-Wooldridge Corporation</b>
<b>TSPR</b>	<b>Total System Performance Responsibility</b>
<b>UIID</b>	<b>Unique Instrument Interface Document</b>
<b>UKMO</b>	<b>United Kingdom Meteorological Office</b>
<b>USB</b>	<b>Universal S-band</b>
<b>UTC</b>	<b>Universal Time Coordinated</b>
<b>VC</b>	<b>Virtual Channel</b>
<b>VI</b>	<b>Vegetation Index</b>



# Acronyms

<b>VIIRS</b>	<b>Visible Infrared Imaging Radiometer Suite</b>
<b>VIS</b>	<b>Visible Infrared Spin</b>
<b>VISNIR</b>	<b>Visible Near Infrared</b>
<b>WR</b>	<b>Western Range</b>