

List of Acronyms

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| ACU | Antenna Control Unit |
| AIPS | Astronomical Image Processing System |
| ANU | Australian National University (Australia) |
| APSG | Asia-Pacific Space Geodynamics program |
| APT | Asia Pacific Telescope |
| ARIES | Astronomical Radio Interferometric Earth Surveying program |
| ARO | Algonquin Radio Observatory (Canada) |
| ASI | Agenzia Spaziale Italiana (Italian Space Agency) (Italy) |
| ATM | Asynchronous Transfer Mode |
| ATNF | Australia Telescope National Facility (Australia) |
| AUSLIG | AUstralian Surveying and Land Information Group (now Geoscience Australia (GA)) (Australia) |
| BIPM | Bureau International de Poids et Mesures (France) |
| BKG | Bundesamt für Kartographie und Geodäsie (Germany) |
| CARAVAN | Compact Antenna of Radio Astronomy for VLBI Adapted Network (Japan) |
| CAS | Chinese Academy of Sciences (P.R. China) |
| CAY | Centro Astronómico de Yebes (Spain) |
| CDDIS | Crustal Dynamics Data Information System (USA) |
| CDP | Crustal Dynamics Project |
| CGLBI | Canadian Geodetic Long Baseline Interferometry |
| CGS | Centro di Geodesia Spaziale (Italy) |
| CIP | Celestial Intermediate Pole |
| CLIWA-NET | Cloud LIquid WAtEr NETwork |
| CNR | Consiglio Nazionale delle Ricerche (Italy) |
| CNRS | National Center for Scientific Research (France) |
| CORE | Continuous Observations of the Rotation of the Earth |
| COTS | Commercial-Off-The-Shelf |
| CRAAE | Center for Radio Astronomy and Space Applications (Brazil) |
| CrAO | Crimean Astrophysical Observatory (Ukraine) |
| CRESTech | Centre for Research in Earth and Space Technology (Canada) |
| CRF | Celestial Reference Frame |
| CRL | Communications Research Laboratory (Japan) |
| CRS | Celestial Reference System |
| CSA | Canadian Space Agency (Canada) |
| CTVA | Canadian Transportable VLBI Antenna |
| CUTE | CRL and University Telescopes Experiment (Japan) |
| DAO | GSFC Data Assimilation Office (USA) |
| DAR | Data Acquisition Rack |
| DAS | Data Acquisition System |
| DAT | Digital Audio Tape |
| DGFI | Deutsches Geodätisches ForschungsInstitut (Germany) |
| DLR | German Aerospace Center |

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| DOMES | Directory Of MERIT Sites |
| DORIS | Doppler Orbitography by Radiopositioning Integrated on Satellite |
| DRAO | Dominion Radio Astrophysical Observatory (Canada) |
| DSIF | Deep Space Instrumentation Facility |
| DSN | Deep Space Network |
| DVLBI | Differential VLBI |
| ECMWF | European Center for Medium Range Weather Forecasting |
| EGS | European Geophysical Society |
| EOP | Earth Orientation Parameters |
| ERP | Earth Rotation Parameters |
| ESA | European Space Agency |
| EU | European Union |
| e-VLBI | Electronic VLBI |
| EVN | European VLBI Network |
| FFI | Forsvarets ForskningsInstitutt (Norwegian Defence Research Establishment) (Norway) |
| FITS | Flexible Image Transport System |
| FS | Field System |
| FTP | File Transfer Protocol |
| GA | Geoscience Australia (formerly AUSLIG) (Australia) |
| GALAXY | Giga-bit Astronomical Large Array with cross connect |
| GAPE | Great Alaska and Pacific Experiment |
| GARNET | GSI Advanced Radiotelescope NETwork (Japan) |
| GARS | German Antarctic Receiving Station (Antarctica) |
| GBT | Green Bank Telescope (USA) |
| GCGO | Gilmore Creek Geophysical Observatory (USA) |
| GeoDAF | Geodetical Data Archive Facility (Italy) |
| GGAO | Goddard Geophysical and Astronomical Observatory (USA) |
| GIUB | Geodetic Institute of the University of Bonn (Germany) |
| GLONASS | GLOBal NAVigation Satellite System |
| GLORIA | GLOBal Radio Interferometry Analysis |
| GPS | Global Positioning System |
| GSD | Geodetic Survey Division of Natural Resources Canada (Canada) |
| GSFC | Goddard Space Flight Center (USA) |
| GSI | Geographical Survey Institute (Japan) |
| HartRAO | Hartebeesthoek Radio Astronomy Observatory (South Africa) |
| HPBW | Half Power Beam Width |
| HTSI | Honeywell Technology Solutions Incorporated (USA) |
| IAA | Institute of Applied Astronomy (Russia) |
| IAG | International Association of Geodesy |
| IAU | International Astronomical Union |
| ICRF | International Celestial Reference Frame |
| IERS | International Earth Rotation Service |
| IGFN | Italian Space Agency GPS Fiducial Network (Italy) |
| IGG | Institute of Geodesy and Geophysics (Austria) |

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| IGM | Instituto Geográfico Militar (Chile) |
| IGN | Instituto Geográfico Nacional (Spain) |
| IGS | International GPS Service |
| ILRS | International Laser Ranging Service |
| IMF | Isobaric Mapping Function |
| INPE | Instituto Nacional de Pesquisas Espaciais (Brazil) |
| IRA | Istituto di RadioAstronomia (Italy) |
| IRIS | International Radio Interferometric Surveying |
| ISAS | Institute of Space and Astronautical Science (Japan) |
| ITIS | Istituto di Tecnologia Informatica Spaziale (Italy) |
| ITRF | International Terrestrial Reference Frame |
| ITSS | (Raytheon) Information Technology and Science Services (USA) |
| IUGG | International Union of Geodesy and Geophysics |
| IVS | International VLBI Service for Geodesy and Astrometry |
| JADE | JAPANESE Dynamic Earth observation by VLBI |
| JARE | Japanese Antarctic Research Expedition (Japan) |
| JGR | Journal of Geophysical Research |
| JIVE | Joint Institute for VLBI in Europe |
| JPL | Jet Propulsion Laboratory (USA) |
| KSP | KeyStone Project (Japan) |
| LEA | Lab of Ephemeris Astronomy (Russia) |
| LLR | Lunar Laser Ranging |
| LNA | Low Noise Amplifier |
| LNMAg | Lab of New Methods in Astrometry and Geodynamics (Russia) |
| LOC | Local Organizing Committee |
| LSF | Large Scale Facility |
| LSGER | Lab of Space Geodesy and Earth Rotation (Russia) |
| MAO | Main Astronomical Observatory (Ukraine) |
| MBH | Mathews/Buffett/Herring Nutation Model |
| MIT | Massachusetts Institute of Technology (USA) |
| MLRO | Matera Laser Ranging Observatory (Italy) |
| MPI | Max-Planck-Institute (Germany) |
| MPIfR | Max-Planck-Institute for Radioastronomy (Germany) |
| MRO | Metsähovi Radio Observatory (Finland) |
| MTLRS | Modular Transportable Laser Ranging System |
| NAO | National Astronomical Observatory (Japan) |
| NAOJ | National Astronomical Observatory of Japan (Japan) |
| NASA | National Aeronautics and Space Administration (USA) |
| NCEP | National Centers for Environmental Prediction (USA) |
| NEOS | National Earth Orientation Service (USA) |
| NGS | National Geodetic Survey (USA) |
| NIPR | National Institute of Polar Research (Japan) |
| NMF | Niell Mapping Function |
| NNR | No-Net-Rotation |
| NNT | No-Net-Translation |

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| NOAA | National Oceanic and Atmospheric Administration (USA) |
| NRAO | National Radio Astronomy Observatory (USA) |
| NRCan | Natural Resources Canada (Canada) |
| NTT | Nippon Telegraph and Telephone Corporation (Japan) |
| NVI | NVI, Inc. (USA) |
| OAN | Observatorio Astronómico Nacional (Spain) |
| OPAR | Paris Observatory (France) |
| OPC | Observing Program Committee |
| OSO | Onsala Space Observatory (Sweden) |
| PIVEX | Platform Independent VLBI EXchange format |
| PRARE | Precision RAnge and Range-rate Experiment |
| RAS | Russian Academy of Sciences (Russia) |
| RFI | Radio Frequency Interference |
| ROEN | Rádio-Observatório Espacial do Nordeste (Brazil) |
| RRFID | Radio Reference Frame Image Database |
| SEFD | System Equivalent Flux Density |
| SGL | Space Geodynamics Laboratory (Canada) |
| SHAO | Shanghai Astronomical Observatory (China) |
| SINEX | Solution INdependent EXchange format |
| SLR | Satellite Laser Ranging |
| SPbU | Saint-Petersburg University (Russia) |
| STDN | Satellite Tracking Data Network |
| SWT | SW Technology (USA) |
| TAC | Totally Accurate Clock |
| TIGA-PP | GPS TIdE GAUGE Benchmark Monitoring Pilot Project |
| TIGO | Transportable Integrated Geodetic Observatory (Germany, Chile) |
| TMR | Training and Mobility of Researchers program of the European Community |
| ToR | IVS Terms of Reference |
| TOW | Technical Operations Workshop |
| TRF | Terrestrial Reference Frame |
| TUM | Technical University of Munich |
| UAO | Urumqi Astronomical Observatory (China) |
| UBB | Universidad del Bío Bío (Chile) |
| URSI | International Radio Science Union |
| USNO | U. S. Naval Observatory (USA) |
| UT1 | Universal Time |
| UTC | Coordinated Universal Time |
| VCS | VLBA Calibrator Survey |
| VERA | VLBI Exploration of Radio Astrometry |
| VLBA | Very Long Baseline Array (USA) |
| VSI | VLBI Standard Interface |
| VSI-H | VLBI Standard Interface Hardware |
| VSI-S | VLBI Standard Interface Software |
| VSOP | VLBI Space Observatory Program |
| WACO | WAShington COrrrelator (USA) |

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| WVR | Water Vapor Radiometer |
| WWW | World Wide Web |