
List of Acronyms

AC	Analysis Center
ACU	Antenna Control Unit
AGU	American Geophysical Union
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)
ATA	Allen Telescope Array
ATM	Asynchronous Transfer Mode
ATNF	Australia Telescope National Facility (Australia)
BBC	Base-Band Converter
BIPM	Bureau International de Poids et Mesures (France)
BKG	Bundesamt für Kartographie und Geodäsie (Germany)
CACS	Canadian Active Control System
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
CGS	Centro di Geodesia Spaziale (Italy)
CIP	Celestial Intermediate Pole
CNES	Centre National d'Etudes Spatiales (France)
CNR	Consiglio Nazionale delle Ricerche (Italy)
CNRS	National Center for Scientific Research (France)
CNS	Communication, Navigation and Surveillance Systems, Inc.
CORE	Continuous Observations of the Rotation of the Earth
CRAAE	Center for Radio Astronomy and Space Applications (Brazil)
CRAAM	Centro de Rádio-Astronomia e Astrofísica Mackenzie
CRESTech	Centre for Research in Earth and Space Technology (Canada)
CRF	Celestial Reference Frame
CRL	Communications Research Laboratory (Japan)
CSA	Canadian Space Agency (Canada)
CTVA	Canadian Transportable VLBI Antenna
CUTE	CRL and University Telescopes Experiment (Japan)
DAR	Data Acquisition Rack
DAS	Data Acquisition System
DASOS	DAS Operating System
DAT	Digital Audio Tape
DeltaDOR	Delta Differenced One-way Range
DFG	Deutsche Forschungsgemeinschaft (Germany)

DFN	Deutsches ForschungsNetz (Germany)
DGFI	Deutsches Geodätisches ForschungsInstitut (Germany)
DGK	Deutsche Geodätische Kommission (Germany)
DLR	German Aerospace Center
DOMES	Directory Of MERIT Sites
DORIS	Doppler Orbitography by Radiopositioning Integrated on Satellite
DRAGON	Dynamic Resource Allocation through GMPLS over Optical Networks
DRAO	Dominion Radio Astrophysical Observatory (Canada)
DSIF	Deep Space Instrumentation Facility
DSN	Deep Space Network
DSS	Deep Space Station
DVLBI	Differential VLBI
ECMWF	European Center for Medium Range Weather Forecasting
EGAE	Experiment Guided Adaptive Endpoint
EGS	European Geophysical Society
ENSG	L'École Nationale des Sciences Géographiques
ENSO	El-Niño/Southern Oscillation
ENVISAT	ENVIronment SATellite
EOP	Earth Orientation Parameters
ERP	Earth Rotation Parameters
EU	European Union
e-VLBI	Electronic VLBI
EVN	European VLBI Network
FCN	Free Core Nutation
FESG	Forschungseinrichtung Satellitengeodäsie (Germany)
FFI	Forsvarets ForskningsInstitut (Norwegian Defence Research Establishment) (Norway)
FGS	Forschungsgruppe Satellitengeodäsie (Germany)
FS	Field System
FTP	File Transfer Protocol
FWF	Austrian Science Fund
GA	Geoscience Australia (Australia)
GALAXY	Giga-bit Astronomical Large Array with cross connect
GAPE	Great Alaska and Pacific Experiment
GARNET	GSI Advanced Radiotelescope NETwork (Japan)
GARR	Gruppo per l'Armonizzazione delle Reti della Ricerca (Italy)
GARS	German Antarctic Receiving Station (Antarctica)
GGAO	Goddard Geophysical and Astronomical Observatory (USA)
GCGO	Gilmore Creek Geophysical Observatory (USA)
GeoDAF	Geodetical Data Archive Facility (Italy)
GFZ	GeoForschungsZentrum (Germany)
GIUB	Geodetic Institute of the University of Bonn (Germany)
GLONASS	GLObal NAVigation Satellite System
GLORIA	GLObal Radio Interferometry Analysis
GMST	Greenwich Mean Sideral Time

GPS	Global Positioning System
GSD	Geodetic Survey Division of Natural Resources Canada (Canada)
GSFC	Goddard Space Flight Center (USA)
GSI	Geographical Survey Institute (Japan)
GST	Greenwich Sideral Time
GeoDAF	Geodetical Data Archive Facility (Italy)
HartRAO	Hartebeesthoek Radio Astronomy Observatory (South Africa)
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
IDS	International DORIS Service
IERS	International Earth Rotation Service
IETF	Internet Engineering Task Force
IGFN	Italian Space Agency GPS Fiducial Network (Italy)
IGG	Institute of Geodesy and Geophysics (Austria)
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)
JAXA	Japan Aerospace Exploration Agency (Japan)
JGR	Journal of Geophysical Research
JIVE	Joint Institute for VLBI in Europe
JPL	Jet Propulsion Laboratory (USA)
KPGO	Kokee Park Geophysical Observatory (USA)
KSP	Key Stone Project (Japan)
KSRC	Kashima Space Research Center (Japan)
LAGEOS	LAser GEOdynamic Satellite
LAREG	Laboratoire de Recherches en Géodésie (France)
LBA	Long Baseline Array (Australia)
LEA	Lab of Ephemeris Astronomy (Russia)
LLR	Lunar Laser Ranging
LOD	Length Of Day

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)
MOBLAS	MOBile LASer
MODEST	MODeL and ESTimate
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)
NCAR	National Center for Atmospheric Research (USA)
NCEP	National Centers for Environmental Prediction (USA)
NEOS	National Earth Orientation Service (USA)
NESDIS	National Environmental Satellite, Data, and Information Service (USA)
NGS	National Geodetic Survey (USA)
NICT	National Institute of Information and Communications Technology
NIPR	National Institute of Polar Research (Japan)
NMF	Niell Mapping Function
NNR	No-Net-Rotation
NNT	No-Net-Translation
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)
POLARIS	POLar motion Analysis by Radio Interferometric Surveying
PRARE	Precision RAnge and Range-rate Experiment
RAS	Russian Academy of Sciences (Russia)
RDV	Research and Development sessions using the VLBA
REPA	REsidual Plotting and Ambiguity resolution
RFI	Radio Frequency Interference
ROEN	Rádio-Observatório Espacial do Nordeste (Brazil)
RRFID	Radio Reference Frame Image Database
RTP	Real-Time Protocol
SEFD	System Equivalent Flux Density
SGL	Space Geodynamics Laboratory (Canada)

SHAO	Shanghai Astronomical Observatory (China)
SINEX	Solution INdependent EXchange format
SKA	Square Kilometer Array
SLR	Satellite Laser Ranging
SNAP	Standard Notation for Astronomical Procedures
SPbU	Saint-Petersburg University (Russia)
SRTM	Shuttle Radar Topography Mission
STDN	Satellite Tracking Data Network
SWT	SW Technology (USA)
TAC	Totally Accurate Clock
TAO	Telecommunications Advanced Organization (Japan)
TDC	Technology Development Center
TECU	Total Electron Content Units
TEMPO	Time and Earth Motion Precision Observations
TIGO	Transportable Integrated Geodetic Observatory (Germany, Chile)
TOW	Technical Operations Workshop
TRF	Terrestrial Reference Frame
TUM	Technical University of Munich
UAO	Urumqi Astronomical Observatory (China)
UDP	User Datagram Protocol
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)
VLBI	Very Long Baseline Interferometry
VMF	Vienna Mapping Functions
VSI	VLBI Standard Interface
VSOP	VLBI Space Observatory Program
VTEC	Vertical Total Electron Content
VTM	Vienna TEC (Total Electron Content) Model
VTRF	VLBI Terrestrial Reference Frame
WACO	WAshington COrrelator (USA)
WVR	Water Vapor Radiometer
WWW	World Wide Web
ZTD	Zenith Total Delay
ZWD	Zenith Wet Delay