

Appendix 5: Acronyms

AAM	Atmospheric Angular Momentum	COD	= CODE
AC	Analysis Centre	CODE	Centre for Orbit Determination in Europe
AC	Analysis Coordinator	CONT	continuous VLBI session
AER	Atmospheric and Environmental Research Inc.	COSPAR	Committee on Space Research
AGN	Active Galactic Nuclei	CPC	Climate Prediction Center
AGU	American Geophysical Union	CPP	IERS Combination Pilot Project
AICAS	Astronomical Institute, Academy of Sciences of the Czech Republic	CRC	Combination Research Centre
AOD	atmospheric and oceanic dealiasing	CRD	CRF deepsouth sessions
AOW	atmosphere, ocean, and water	CRF	Celestial Reference Frame
APSG	Asia-Pacific Space Geodynamics	CSR	Center for Space Research, University of Texas
ASCII	American Standard Code for Information Interchange	CSRIFS	Combined Square Root Information Filter and Smoother (program)
ASI	Agenzia Spaziale Italiana	CTIO	Cerro Tololo Inter-American Observatory
ATNF	Australia Telescope National Facility	DB	Directing Board
AUS	= AUSLIG	DEOS	Department of Earth Observation and Space Systems, Delft University of Technology (formerly: Delft Institute for Earth-Oriented Space Research)
AUSLIG	Australian Surveying and Land Information Group (now: Geoscience Australia)	Dep., Dept.	Department
AWG	Analysis Working Group	DFG	Deutsche Forschungsgemeinschaft, Germany
AWI	Alfred Wegener Institute for Polar and Marine Research	DGFI	Deutsches Geodätisches Forschungsinstitut
BIH	Bureau International de l'Heure	DOMES	Directory Of MERIT Sites (originally; now of more general use)
BIPM	Bureau International des Poids et Mesures	DORIS	Doppler Orbit determination and Radiopositioning Integrated by Satellite
BKG	Bundesamt für Kartographie und Geodäsie	DUT	Delft University of Technology
BKGI	BKG in cooperation with GIUB	DUT1	= UT1–UTC
BMBF	Bundesministerium für Bildung und Forschung, Germany	EC	Executive Committee
CATREF	Combination and Analysis of Terrestrial Reference Frames	ECCO	Estimating the Circulation and Climate of the Ocean
CB	Central Bureau	ECGS	European Centre for Geodynamics and Seismology
CC	Combination Centre	ECMWF	European Center for Medium Range Weather Forecasting
CCD	Charge-Coupled Device	EDC	EUROLAS Data Center
CDDIS	NASA Crustal Dynamics Data Information System	EGU	European Geosciences Union
CEDR	Center for Earth Dynamics Research	EMR	Energy, Mines and Resources Canada (replaced by NRCan)
CERGA	Centre d'Etudes et de Recherches Géodynamiques et Astronomiques	ENSG	Ecole Nationale de Sciences Géographiques
CGS	Centro di Geodesia Spaziale, ASI	EOC	Earth Orientation Centre
CHAMP	CHALLENGING Minisatellite Payload		
CLS	Collecte, Localisation, Satellites		
CNES	Centre National d'Etude Spatiale		

5 Acronyms

EOP	Earth Orientation Parameters	GRGS	Groupe de Recherches de Géodésie Spatiale
EOPGS	Ecole et Observatoire de Physique du Globe de Strasbourg	GSFC	Goddard Space Flight Center
EOST	Ecole et Observatoire des Sciences de la Terre	HCRF	Hipparcos Celestial Reference Frame
EPN	EUREF Permanent GPS Network	hr	hour
ERP	Earth Rotation Parameters	IAA	Institute of Applied Astronomy, St. Petersburg
ESA	European Space Agency	IABO	International Association for Biological Oceanography
ESOC	European Space Operations Center, ESA	IAC	Information-Analytical Centre, Russia
EUREF	IAG Reference Frame Sub-Commission for Europe	IAG	International Association of Geodesy
e-VLBI,		IAPSO	International Association for the Physical Sciences of the Oceans
E-VLBI	Electronic transfer VLBI	IAU	International Astronomical Union
FAGS	Federation of Astronomical and Geophysical Data Analysis Services	ICRF	International Celestial Reference Frame
FCN	Free Core Nutation	ICRS	International Celestial Reference System
FESG	Forschungseinrichtung Satellitengeodäsie, Technical University of Munich	ICSU	International Council for Science
FFI	Forsvarets forskningsinstitut	IDS	International DORIS Service
FGS	Forschungsgruppe Satellitengeodäsie	IERS	International Earth Rotation and Reference Systems Service (formerly: International Earth Rotation Service)
FTP	File Transfer Protocol	IGEX	International GLONASS Experiment
GA	General Assembly	IGFS	International Gravity Field Service
GAOUA	Main Astronomical Observatory of the Ukrainian Academy of Sciences	IGGOS	Integrated Global Geodetic Observing System (now GGOS)
GEO	Group on Earth Observations	IGLOS	International GLONASS Service
GEOSS	Global Earth Observation System of Systems	IGN	Institut Géographique National
GFZ	GeoForschungsZentrum Potsdam	IGOS-P	Integrated Global Observing Strategy – Partners
GGAO	Goddard Geophysical and Astronomical Observatory	IGRT	IGS rapid time (products)
GGFC	Global Geophysical Fluids Centre	IGS	International GNSS Service (formerly: International GPS Service)
GGOS	Global Geodetic Observing System	IGST	IGS time scale
GGOS-D	GGOS – Deutschland (Germany)	ILRS	International Laser Ranging Service
GIUB	Geodetic Institute of the University of Bonn	INA	= INASAN
GLDAS	NASA's Global Land Data Assimilation System	INASAN	INstitut Astronomii Rossijskoj Akademii Nauk (Institute of Astronomy of the Russian Academy of Sciences)
GLONASS	Global Orbiting Navigation Satellite System, Russia	INGV	Istituto Nazionale di Geofisica e Vulcanologia
GLOUP	GLObal Undersea Pressure	IPGP	Institut de Physique du Globe de Paris
GNSS	Global Navigation Satellite System	IRIS	International Radio Interferometric Surveying
GPS	Global Positioning System	ITRF	International Terrestrial Reference Frame
GRACE	Gravity Recovery and Climate Experiment		

Appendices

ITRS	International Terrestrial Reference System	NASA	U.S. National Aeronautics and Space Administration
ITSS	see Raytheon ITSS	NCAR	U.S. National Center for Atmospheric Research
IUGG	International Union of Geodesy and Geophysics	NCEP	U.S. National Centers for Environmental Prediction
IVS	International VLBI Service for Geodesy and Astrometry	NEQ	normal equation
JADE	JApanese Dynamic Earth observation by VLBI	NERC	Natural Environment Research Council, UK
JCET	Joint Center for Earth System Technology, GSFC	NetCDF	Network Common Data Form
JMA	Japanese Meteorological Agency	NMF	Niell Mapping Function
JPL	Jet Propulsion Laboratory	NOAA	U.S. National Oceanic and Atmospheric Administration
KEOF	Kalman Earth Orientation Filter	NOFS	USNO Flagstaff Station
KPNO	Kitt Peak National Observatory	NPS	(U.S.) Naval Postgraduate School
LAREG	Laboratoire de Recherche en Geodesie	NRAO	U.S. National Radio Astronomy Observatory
LCA	= LEGOS-CLS		
LDAS	Land Data Assimilation System	NRCan	Natural Resources, Canada (formerly: EMR)
LEGOS	Laboratoire d'Etudes en Géophysique et Océanographie Spatiales	NSGF	NERC Space Geodesy Facility
LEO	Low Earth Orbit(er)	OBSS	Origins Billions Star Survey
LGIT	Laboratoire de Géophysique Interne et Tectonophysique	OCA	Observatoire de la Côte d'Azur
LLR	Lunar Laser Ranging	ONR	(U.S.) Office of Naval Research
LOD	Length of Day	OP	Observatoire de Paris
LPCE	Laboratoire de Physique et Chimie de l'Environnement	PC	Product Centre
MAO	= GAOUA	PDF	Portable Document Format
MAPS	Milli-Arcsecond Pathfinder Survey	PGR	postglacial rebound
mas	milliarcsecond(s)	PHP	PHP: Hypertext Preprocessor
μ as	microarcsecond(s)	PI	Principal Investigator
MCC	Russian Mission Control Centre	PM	Polar Motion
MERIT	Monitoring Earth Rotation and Intercomparison of Techniques	POCM	Parallel Ocean Climate Model
MICOM	Miami Isopycnic Coordinate Ocean Model	PoliMI	Politecnico di Milano
MIT	Massachusetts Institute of Technology	PP	Pilot Project
MJD	Modified Julian Day	PPP	Precise Point Positioning
MOM	Modular Ocean Model	PRARE	Precise RAnge and Range-Rate Equipment
MPIfR	Max-Planck-Institut für Radioastronomie / Max Planck Institute for Radio Astronomy	Raytheon	
ms	millisecond(s)	ITSS	Raytheon Systems Company Information Technology & Scientific Services
μ s	microsecond(s)	RCMAM	(IAU WG) Relativity in Celestial Mechanics, Astrometry and Metrology
NAREF	North American Reference Frame Densification	R&D	Research and Development
		RDV	Research and Development (sessions) with the VLBA
		RF	Reference Frame
		RFI	radio frequency interference

5 Acronyms

RINEX	Receiver INdependent EXchange format	TUM	Technical University of Munich
rms, RMS	Root Mean Square	UCAC	USNO CCD Astrograph Catalog
ROB	Royal Observatory of Belgium	UCLA	University of California, Los Angeles
RRFID	USNO Radio Reference Frame Image Database	UCSD	University of California, San Diego
SAA	South Atlantic Anomaly	UNESCO	United Nations Educational, Scientific and Cultural Organization
SB	Special Bureau	Univ.	University
SBA	Special Bureau for the Atmosphere	URAT	USNO Robotic Astrometric Telescope
SBC	Special Bureau for the Core	URL	Uniform Resource Locator
SBGG	Special Bureau for Gravity/Geocenter	URSI	Union Radio-Scientifique Internationale / International Union of Radio Science
SBH	Special Bureau for Hydrology	USGS	U.S. Geological Survey
SBIR	Small Business Innovation in Research	USNO	United States Naval Observatory
SBL	Special Bureau for Loading	UT, UT0,	
SBM	Special Bureau for Mantle	UT1, UT1R	Universal Time
SBO	Special Bureau for the Oceans	UTA	University of Texas at Austin
SBT	Special Bureau for Tides	UTAAM	NCEP AAM analysis and forecast data
SHAO	Shanghai Observatory	UTC	Coordinated Universal Time
SIM	NASA's Space Interferometry Mission	VLA	Very Large Array
SINEX	Solution (Software/technique) INdependent EXchange Format	VLBA	Very Long Baseline Array, NRAO
SIO	Scripps Institution of Oceanography	VLBI	Very Long Baseline Interferometry
SLR	Satellite Laser Ranging	VMF	Vienna Mapping Function
SOC	Scientific Organizing Committee	VSI-E	VLBI Standard Interface for E-VLBI
SOD	CNES Service d'Orbitographie DORIS	VUGTK	Research Institute of Geodesy, Topography and Cartography, Czech Republic working group
SPBU	St Petersburg University	WG	
SRIF	Square Root Information Filter array	WRMS	Weighted Root Mean Square
SSALTO	Segment Sol multi-mission d'ALTimétrie, d'Orbitographie et de localisation précise	XML	eXtensible Markup Language
SSCPP	Site Survey and Co-location Pilot Project	yr	year
STA	Semiconductor Technology Associates	ZTD	zenith total delay
SYRTE	(Laboratoire) Systèmes de Référence Temps-Espace	ZWD	zenith wet delay(s)
TAI	Temps Atomique International (International Atomic Time)		
TC	Technique Centre		
TEMPO	Time and Earth Motion Precision Observations		
TIGO	Transportable Integrated Geodetic Observatory		
TN	IERS Technical Note		
ToR	Terms of Reference		
TRF	Terrestrial Reference Frame		
TT	Terrestrial Time		
TU	Technical University		