

Appendix 5: Acronyms

AAM	Atmospheric Angular Momentum	CMB	core-mantle boundary
AC	Analysis Centre	CNES	Centre National d'Etude Spatiale
AC	Analysis Coordinator	COD	= CODE
AER	Atmospheric and Environmental Research Inc.	CODE	Centre for Orbit Determination in Europe
AGK2	Zweiter Katalog der Astronomischen Gesellschaft	CONT	continuous VLBI session
AGU	American Geophysical Union	CPC	Climate Prediction Center
AICAS	Astronomical Institute, Academy of Sciences of the Czech Republic	CPP	IERS Combination Pilot Project
APKIM	Actual Plate Kinematic Models	CRC	Combination Research Centre
APSG	Asia-Pacific Space Geodynamics	CRF	Celestial Reference Frame
ASCII	American Standard Code for Information Interchange	CRL	Communications Research Laboratory
ASI	Agenzia Spaziale Italiana	CRS	Celestial Reference System
ATNF	Australia Telescope National Facility	CSR	Center for Space Research
AUS	= AUSLIG	CSRIFS	Combined Square Root Information Filter and Smoother
AUSLIG	Australian Surveying and Land Information Group (now: Geoscience Australia)	CSTG	Commission on International Coordination of Space Techniques for Geodesy and Geodynamics
AWG	Analysis Working Group	DANOF	Département d'Astronomie Fondamentale
BIH	Bureau International de l'Heure	DB	Directing Board
BIPM	Bureau International des Poids et Mesures	DEOS	Delft Institute for Earth-Oriented Space Research
BKG	Bundesamt für Kartographie und Geodäsie	DGFI	Deutsches Geodätisches Forschungsinstitut
BKGI	BKG in cooperation with GIUB	DLR	Deutsches Zentrum für Luft- und Raumfahrt
BMBF	Bundesministerium für Bildung und Forschung	DOGS	DGFI Orbit & Geodetic Parameter Estimation Software
CATREF	Combination and Analysis of Terrestrial Reference Frames	DOMES	Directory Of MERIT Sites (originally; now of more general use)
CB	Central Bureau	DORIS	Doppler Orbit determination and Radiopositioning Integrated on Satellite
CC	Combination Centre	DUT	Delft University of Technology
CCD	Charge-Coupled Device	DUT1	= UT1-UTC
CDDIS	NASA Crustal Dynamics Data Information System	EC	Executive Committee
CEDR	Center for Earth Dynamics Research	ECCO	Estimating the Circulation and Climate of the Ocean
CEO	Celestial Ephemeris Origin	ECMWF	European Center for Medium Range Weather Forecasting
CEP	Celestial Ephemeris Pole	EGNOS	European Geostationary Navigation Overlay Service
CERGA	Centre d'Etudes et de Recherches Géodynamiques et Astronomiques	EGS	European Geophysical Society
CfP	Call for Participation	EGU	European Geosciences Union
CGS	Centro di Geodesia Spatiale, ASI		
CIP	Celestial Intermediate Pole		
CLS	Collecte, Localisation, Satellites		

5 Acronyms

EMR	Energy, Mines and Resources Canada (replaced by NRCan)	IAU	International Astronomical Union
ENSG	Ecole Nationale de Sciences Geographiques	ICCT	IAG Inter-Commission Committee on Theory
EOC	Earth Orientation Centre	ICGEM	International Centre of Global Earth Models
EOP	Earth Orientation Parameters	ICRF	International Celestial Reference Frame
EPN	European Permanent GPS Network	ICRS	International Celestial Reference System
ERA	Earth Rotation Angle	IDS	International DORIS Service
ERP	Earth Rotation Parameters	IERS	International Earth Rotation and Reference Systems Service (formerly: International Earth Rotation Service)
ESA	European Space Agency	IGFS	International Gravity Field Service
ESOC	European Space Agency Operational Center	IGGOS	Integrated Global Geodetic Observing System
EU	European Union	IGN	Institut Géographique National
EUG	European Union of Geosciences	IGS	International GPS Service
FAGS	Federation of Astronomical and Geophysical Data Analysis Services	ILRS	International Laser Ranging Service
FAQ	Frequently Asked Question	INASAN	INstitut ASTRonomii Rossijskoj Akademii Nauk (Institute of Astronomy of the Russian Academy of Sciences)
FCN	Free Core Nutation	INDIGO	Inter-service Data Integration for Geodetic Operations
FESG	Forschungseinrichtung Satellitengeodäsie, Technical University of Munich	IRIS	International Radio Interferometric Surveying
FFI	Forsvarets forskningsinstitut	ISGN	International Space Geodetic and Gravimetric Network
FGS	Forschungsgruppe Satellitengeodäsie	ITRF	International Terrestrial Reference Frame
FTP	File Transfer Protocol	ITRS	International Terrestrial Reference System
GAOUA	Main Astronomical Observatory of the Ukrainian Academy of Sciences	IUGG	International Union of Geodesy and Geophysics
GAUS	Geoscience Australia	IVS	International VLBI Service for Geodesy and Astrometry
GCRS	Geocentric Celestial Reference System	JADE	JApanese Dynamic Earth observation by VLBI
GFZ	GeoForschungsZentrum Potsdam	JCET	Joint Center for Earth System Technology, GSFC
GGFC	Global Geophysical Fluids Centre	JPL	Jet Propulsion Laboratory
GGOS	Global Geodetic Observing System	KEOF	Kalman Earth Orientation Filter
GIA	glacial isostatic adjustment	KPNO	Kitt Peak National Observatory
GIUB	Geodetic Institute of the University of Bonn	LAREG	Laboratoire de Recherche en Geodesie
GLONASS	Global Orbiting Navigation Satellite System, Russia	LDAS	Land Data Assimilation System
GLOUP	GLObal Undersea Pressure	LEGOS	Laboratoire d'Etudes en Géophysique et Océanographie Spatiales
GNSS	Global Navigation Satellite System		
GPS	Global Positioning System		
GRGS	Groupe de Recherches de Géodésie Spatiale		
GSFC	Goddard Space Flight Center		
GSFD	VLBI solution by GSFC		
IAA	Institute of Applied Astronomy, St. Petersburg		
IAG	International Association of Geodesy		

Appendices

LEA	Laboratory of Ephemeris Astronomy, IAA	PC	Product Centre
LEO	Low Earth Orbit(er)	PHP	PHP: Hypertext Preprocessor
LLR	Lunar Laser Ranging	PM	Polar Motion
LOD	Length of Day	POCM	Parallel Ocean Climate Model
LPCE	Laboratoire de Physique et Chimie de l'Environnement	PPARC	Particle Physics and Astronomy Council, UK
LSGER	Laboratory of Space Geodesy and Earth Rotation, IAA	ppb	parts per billion (10^{-9})
MAO	= GAOUA	PRARE	Precise RAnge and Range-Rate Equipment
mas	milliarcsecond(s)	PZT	Photographic Zenith Tube (Telescope)
MCC	Russian Mission Control Centre	QC	quality control
MCEP	mean Celestial Ephemeris Pole	QSO	Quasi-Stellar Object (quasar)
MICOM	Miami Isopycnic Coordinate Ocean Model	RDV	Research and Development (sessions) with the VLBA
MIT	Massachusetts Institute of Technology	rms, RMS	Root Mean Square
MJD	Modified Julian Day	RRFID	USNO Radio Reference Frame Image Database
MOM	Modular Ocean Model	SB	Special Bureau
ms	millisecond(s)	SBC	Special Bureau for the Core
NASA	U.S. National Aeronautics and Space Administration	SBGG	Special Bureau for Gravity/Geocenter
NCAR	U.S. National Center for Atmospheric Research	SBL	Special Bureau for Loading
NCEP	U.S. National Centers for Environmental Prediction	SBO	Special Bureau for the Oceans
NCL	University of Newcastle upon Tyne	SCAR	Scientific Committee on Antarctic Research
NERC	Natural Environment Research Council	SHA	Shanghai Observatory
NetCDF	Network Common Data Form	SIM	NASA's Space Interferometry Mission
NGL	VLBI solution by DGFI	SINEX	Solution (Software/technique) INdependent EXchange Format
NGS	U.S. National Geodetic Survey	SIO	Scripps Institution of Oceanography
NIPR	National Institute for Polar Research	SLR	Satellite Laser Ranging
NMF	Niell Mapping Function	SOD	CNES Service d'Orbitographie DORIS
NNR	No-net-rotation	SOFA	Standards Of Fundamental Astronomy
NNT	No-net-translation	SPBU	St Petersburg University
NOAA	U.S. National Oceanic and Atmospheric Administration	SPM	Yale/San Juan Southern Proper Motion Program
NoE	EU Network of Excellence	SRIF	Square Root Information Filter array
NOFS	USNO Flagstaff Station	SSALTO	Segment Sol multi-mission d'ALTimétrie, d'Orbitographie et de localisation précise
NPM	Lick Northern Proper Motion Program		
NRAO	U.S. National Radio Astronomy Observatory	SW	software
NRCan	Natural Resources, Canada (formerly: EMR)	TAI	Temps Atomique International (International Atomic Time)
NUVEL	Northwestern University Velocity Model	TC	Technique Centre
OCA	Observatoire de la Côte d'Azur	TEC	Total Electron Content (Total Electron Count)
OP	Observatoire de Paris	TECU	TEC Unit

5 Acronyms

TEMPO	Time and Earth Motion Precision Observations	UT	University of Texas
TEO	Terrestrial Ephemeris Origin	UT, UT0/1	Universal Time
TN	IERS Technical Note	UTC	Coordinated Universal Time
TOW	Technical Operations Workshop	UTCSR	= CSR at University of Texas
TRF	Terrestrial Reference Frame	VLBA	Very Long Baseline Array, NRAO
TRS	Terrestrial Reference System	VLBI	Very Long Baseline Interferometry
TT	Terrestrial Time	VTRF	VLBI terrestrial reference frame
Univ.	University	VUGTK	Research Institute of Geodesy, Topography and Cartography, Czech Republic
UCAC	USNO CCD Astrograph Catalog	WG	working group
URL	Uniform Resource Locator	WRMS	Weighted Root Mean Square
USN	= USNO	XML	eXtensible Markup Language
USNO	United States Naval Observatory		