

Appendix 5: Acronyms

AAM	Atmospheric Angular Momentum	CODE	Centre for Orbit Determination in Europe
AC	Analysis Centre	CONT	continuous VLBI session
AC	Analysis Coordinator	COSPAR	Committee on Space Research
AER	Atmospheric and Environmental Research Inc.	COU	CODE Ultra Rapid orbits
AGU	American Geophysical Union	CPC	Climate Prediction Center
AICAS	Astronomical Institute, Academy of Sciences of the Czech Republic	CPP	IERS Combination Pilot Project
AOD	atmospheric and oceanic dealiasing	CRC	Combination Research Centre
AOW	atmosphere, ocean, and water	CRF	Celestial Reference Frame
APSG	Asia-Pacific Space Geodynamics	CSR	Center for Space Research
ASCII	American Standard Code for Information Interchange	CSRIFS	Combined Square Root Information Filter and Smoother
ASI	Agenzia Spaziale Italiana	CTIO	Cerro Tololo Inter-American Observatory
ATNF	Australia Telescope National Facility	DANOF	Département d'Astronomie Fondamentale
AUS	= AUSLIG	DB	Directing Board
AUSLIG	Australian Surveying and Land Information Group (now: Geoscience Australia)	DEOS	Delft Institute for Earth-Oriented Space Research
AWG	Analysis Working Group	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 on 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	ECCO	Estimating the Circulation and Climate of the Ocean
CATREF	Combination and Analysis of Terrestrial Reference Frames	ECMWF	European Center for Medium Range Weather Forecasting
CB	Central Bureau	EGU	European Geosciences Union
CC	Combination Centre	EMR	Energy, Mines and Resources Canada (replaced by NRCan)
CCD	Charge-Coupled Device	EMU	NRCan Ultra Rapid orbits
CDDIS	NASA Crustal Dynamics Data Information System	ENSG	Ecole Nationale de Sciences Geographiques
CEDR	Center for Earth Dynamics Research	EOC	Earth Orientation Centre
CEP	Celestial Ephemeris Pole	EOP	Earth Orientation Parameters
CERGA	Centre d'Etudes et de Recherches Géodynamiques et Astronomiques	EPN	European Permanent GPS Network
CGS	Centro di Geodesia Spaziale, ASI	ERP	Earth Rotation Parameters
CLS	Collecte, Localisation, Satellites	ESA	European Space Agency
CMB	core-mantle boundary	ESO	European Southern Observatory
CMT	Centroid Moment Tensor	ESOC	European Space Agency Operational Center
CNES	Centre National d'Etude Spatiale	ESU	ESOC Ultra Rapid orbits
COD	= CODE		

Appendices

EUREF	European Reference Frame	ICSU	International Council for Science
E-VLBI	Electronic transfer VLBI	IDS	International DORIS Service
FAGS	Federation of Astronomical and Geophysical Data Analysis Services	IERS	International Earth Rotation and Reference Systems Service (formerly: International Earth Rotation Service)
FCN	Free Core Nutation	IGN	Institut Géographique National
FESG	Forschungseinrichtung Satellitengeodäsie, Technical University of Munich	IGS	International GNSS Service (formerly: International GPS Service)
FFI	Forsvarets forskningsinstitut	IGU	IGS Ultra Rapid orbits
FGS	Forschungsgruppe Satellitengeodäsie	ILRS	International Laser Ranging Service
FTP	File Transfer Protocol	INASAN	INstitut ASTRonomii Rossijskoj Akademii Nauk (Institute of Astronomy of the Russian Academy of Sciences)
GAOUA	Main Astronomical Observatory of the Ukrainian Academy of Sciences	IRIS	International Radio Interferometric Surveying
GEOSS	Global Earth Observation System of Systems	ITRF	International Terrestrial Reference Frame
GFU	GFZ Ultra Rapid orbits	ITRS	International Terrestrial Reference System
GFZ	GeoForschungsZentrum Potsdam	IUGG	International Union of Geodesy and Geophysics
GGFC	Global Geophysical Fluids Centre	IVS	International VLBI Service for Geodesy and Astrometry
GGOS	Global Geodetic Observing System	JADE	JAPANESE Dynamic Earth observation by VLBI
GIA	glacial isostatic adjustment	JCET	Joint Center for Earth System Technology, GSFC
GIUB	Geodetic Institute of the University of Bonn	JMA	Japanese Meteorological Agency
GLDAS	Global Land Data Assimilation System	JPL	Jet Propulsion Laboratory
GLONASS	Global Orbiting Navigation Satellite System, Russia	KEOF	Kalman Earth Orientation Filter
GLOUP	GLOBAL Undersea Pressure	KPNO	Kitt Peak National Observatory
GNAAC	IGS Global Network Associate Analysis Center	LAREG	Laboratoire de Recherche en Géodésie
GNSS	Global Navigation Satellite System	LBA	Australian Long Baseline Array
GOPE	Geodetic Observatory Pecny	LDAS	Land Data Assimilation System
GOU	GOPE Ultra Rapid orbits	LEGOS	Laboratoire d'Etudes en Géophysique et Océanographie Spatiales
GPS	Global Positioning System	LEA	Laboratory of Ephemeris Astronomy, IAA
GRACE	Gravity Recovery and Climate Experiment	LEO	Low Earth Orbit(er)
GRGS	Groupe de Recherches de Géodésie Spatiale	LLR	Lunar Laser Ranging
GSFC	Goddard Space Flight Center	LOD	Length of Day
HCRF	HIPPARCOS Celestial Reference Frame	LPCE	Laboratoire de Physique et Chimie de l'Environnement
hr	hour	LSGER	Laboratory of Space Geodesy and Earth Rotation, IAA
IAA	Institute of Applied Astronomy, St. Petersburg	MAO	= GAOUA
IAG	International Association of Geodesy		
IAU	International Astronomical Union		
ICRF	International Celestial Reference Frame		
ICRS	International Celestial Reference System		

5 Acronyms

mas	milliarcsecond(s)	PPP	Precise Point Positioning
μas	microarcsecond(s)	PRARE	Precise RANGE and Range-Rate Equipment
MCC	Russian Mission Control Centre	PZT	Photographic Zenith Tube (Telescope)
MCEP	mean Celestial Ephemeris Pole	R&D	Research and Development
MICOM	Miami Isopycnic Coordinate Ocean Model	RDV	Research and Development (sessions) with the VLBA
MIT	Massachusetts Institute of Technology	RINEX	Receiver INdependent EXchange format
MJD	Modified Julian Day	rms, RMS	Root Mean Square
MOM	Modular Ocean Model	RRFID	USNO Radio Reference Frame Image Database
ms	millisecond(s)	SB	Special Bureau
μs	microsecond(s)	SBA	Special Bureau for the Atmosphere
NAREF	North American Reference Frame	SBC	Special Bureau for the Core
	Densification	SBH	Special Bureau for Hydrology
NASA	U.S. National Aeronautics and Space Administration	SBL	Special Bureau for Loading
NCAR	U.S. National Center for Atmospheric Research	SBO	Special Bureau for the Oceans
NCEP	U.S. National Centers for Environmental Prediction	SIM	NASA's Space Interferometry Mission
NCL	University of Newcastle upon Tyne	SINEX	Solution (Software/technique) INdependent EXchange Format
NERC	Natural Environment Research Council, UK	SIO	Scripps Institution of Oceanography
		SIU	SIO Ultra Rapid orbits
NetCDF	Network Common Data Form	SLR	Satellite Laser Ranging
NGS	U.S. National Geodetic Survey	SOD	CNES Service d'Orbitographie DORIS
NIPR	National Institute for Polar Research, Japan	SOFA	Standards Of Fundamental Astronomy
NOAA	U.S. National Oceanic and Atmospheric Administration	SPBU	St Petersburg University
NOFS	USNO Flagstaff Station	SRIF	Square Root Information Filter array
NRAO	U.S. National Radio Astronomy Observatory	SSALTO	Segment Sol multi-mission d'ALTimétrie, d'Orbitographie et de localisation précise
NRCan	Natural Resources, Canada (formerly: EMR)	SSCPP	Site Survey and Co-location Pilot Project
NSGF	NERC Space Geodesy Facility	TAI	Temps Atomique International (International Atomic Time)
NUVEL	Northwestern University Velocity Model	TC	Technique Centre
OCA	Observatoire de la Côte d'Azur	TEMPO	Time and Earth Motion Precision Observations
OP	Observatoire de Paris	TN	IERS Technical Note
PC	Product Centre	ToR	Terms of Reference
PCV	phase-center variations	TRF	Terrestrial Reference Frame
PDF	Portable Document Format	TT	Terrestrial Time
PHP	PHP: Hypertext Preprocessor	UCAC	USNO CCD Astrograph Catalog
PM	Polar Motion	UKMO	Met Office, UK
POCM	Parallel Ocean Climate Model	UNESCO	United Nations Educational, Scientific and Cultural Organization
PP	Pilot Project	Univ.	University
PPARC	Particle Physics and Astronomy Council, UK		

Appendices

URAT	USNO Robotic Astrometric Telescope	UTC	Coordinated Universal Time
URL	Uniform Resource Locator	VLBA	Very Long Baseline Array, NRAO
URSI	Union Radio-Scientifique Internationale / International Union of Radio Science	VLBI	Very Long Baseline Interferometry
USNO	United States Naval Observatory	VSI-E	VLBI Standard Interface for E-VLBI
USU	USNO Ultra Rapid orbits	VUGTK	Research Institute of Geodesy, Topogra- phy and Cartography, Czech Republic
UT	University of Texas	WG	working group
UT, UT0,		XML	eXtensible Markup Language
UT1, UT1R	Universal Time	yr	year
UTAAM	NCEP AAM analysis and forecast data	ZWD	zenith wet delays