

Appendix 5: Acronyms

2MASS	Two Micron All Sky Survey	CORE	NASA Continuous Observations of the Rotation of the Earth
AAC	Associated Analysis Centre	CPU	central processing unit
AAM	Atmospheric Angular Momentum	CRC	Combination Research Centre
AC	Analysis Centre	CRF	Celestial Reference Frame
AC	Analysis Coordinator	CRS	Celestial Reference System
AER	Atmospheric and Environmental Research Inc.	CSR	Center for Space Research
AGK2	Zweiter Katalog der Astronomischen Gesellschaft	CSTG	Commission on International Coordination of Space Techniques for Geodesy and Geodynamics
AGU	American Geophysical Union	CTIO	Cerro Tololo Inter-American Observatory
APKIM	Actual Plate Kinematic Models	DANOF	Département d'Astronomie Fondamentale
APSG	Asia-Pacific Space Geodynamics	DB	Directing Board
ASI	Agenzia Spaziale Italiana	Dec	declination
ATNF	Australia Telescope National Facility	DEOS	Delft Institute for Earth-Oriented Space Research
AUSLIG	Australian Surveying and Land Information Group (now: Geoscience Australia)	DGFI	Deutsches Geodätisches Forschungsinstitut
AWG	Analysis Working Group	DIODE	Détermination Immédiate d'Orbite par Doris Embarqué
BIH	Bureau International de l'Heure	DOGS	DGFI Orbit & Geodetic Parameter Estimation Software
BIPM	Bureau International des Poids et Mesures	DOMES	Directory Of MERIT Sites (originally; now of more general use)
BKG	Bundesamt für Kartographie und Geodäsie	DORIS	Doppler Orbit determination and Radiopositioning Integrated on Satellite
BKGI	BKG in cooperation with GIUB	DUT	Delft University of Technology
BMBF	Bundesministerium für Bildung und Forschung	DUT1	= UT1-UTC
CATREF	Combination and Analysis of Terrestrial Reference Frames	ECCO	Estimating the Circulation and Climate of the Ocean
CB	Central Bureau	ECMWF	European Center for Medium Range Weather Forecasting
CC	Combination Centre	EDC	EUROLAS Data Center
CCD	Charge-Coupled Device	EGS	European Geophysical Society
CDDIS	NASA Crustal Dynamics Data Information System	EMR	Energy, Mines and Resources Canada (replaced by NRCan)
CEDR	Center for Earth Dynamics Research	ENSG	Ecole Nationale de Sciences Geographiques
CEO	Celestial Ephemeris Origin	EOC	Earth Orientation Centre
CEP	Celestial Ephemeris Pole	EOP	Earth Orientation Parameters
CERGA	Centre d'Etudes et de Recherches Géodynamiques et Astronomiques	EOPGS	Ecole et Observatoire de Physique du Globe de Strasbourg
CGS	Centre di Geodesia Spaziale, ASI	EPN	European Permanent GPS Network
CIP	Celestial Intermediate Pole		
CLS	Collecte, Localisation, Satellites		
CMB	core-mantle boundary		
CNES	Centre National d'Etude Spatiale		
CODE	Centre for Orbit Determination in Europe		
COM	centre-of-mass		

5 Acronyms

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	IGGOS	Integrated Global Geodetic Observing System
ESOC	European Space Agency Operational Center	IGN	Institut Géographique National
EU	European Union	IGRT	IGS rapid time (products)
EUROLAS	European Laser Consortium	IGS	International GPS Service
FAGS	Federation of Astronomical and Geophysical Data Analysis Services	IGST	IGS time scale
FAME	Full-sky Astrometric Mapping Explorer	IGU	IGS 'ultra-rapid' satellite orbits
FCN	Free Core Nutation	ILRS	International Laser Ranging Service
FESG	Forschungseinrichtung Satellitengeodäsie, Technical University of Munich	INASAN	INstitut ASTRonomii Rossijskoj Akademii Nauk (Institute of Astronomy of the Russian Academy of Sciences)
FFI	Forsvarets forskningsinstitut	INDIGO	Inter-service Data Integration for Geodetic Operations
FGS	Forschungsgruppe Satellitengeodäsie	IPGP	Institut de Physique du Globe de Paris
FTP	File Transfer Protocol	IRIS	International Radio Interferometric Surveying
GAOUA	Main Astronomical Observatory of the Ukrainian Academy of Sciences	ITRF	International Terrestrial Reference Frame
GAUS	Geoscience Australia	ITRS	International Terrestrial Reference System
GCRS	Geocentric Celestial Reference System	ITU	International Telecommunication Union
GFZ	GeoForschungsZentrum Potsdam	IUGG	International Union of Geodesy and Geophysics
GGFC	Global Geophysical Fluids Centre	IVS	International VLBI Service for Geodesy and Astrometry
GIA	glacial isostatic adjustment	JADE	JAPANESE Dynamic Earth observation by VLBI
GIM	Global Ionospheric Maps	JCET	Joint Center for Earth System Technology, GSFC
GIUB	Geodetic Institute of the University of Bonn	JPL	Jet Propulsion Laboratory
GLONASS	Global Orbiting Navigation Satellite System	KEOF	Kalman Earth Orientation Filter
GLOUP	GLOBAL Undersea Pressure	LAREG	Laboratoire de Recherche en Géodésie
GMES	Global Monitoring of Environment and Security	LEGOS	Laboratoire d'Etudes en Géophysique et Océanographie Spatiales
GNSS	Global Navigation Satellite System	LEA	Laboratory of Ephemeris Astronomy, IAA
G.O.	Geodetic Observatory	LEO	Low Earth Orbit
GPS	Global Positioning System	LGIT	Laboratoire de Géophysique Interne et Tectonophysique
GRGS	Groupe de Recherches de Géodésie Spatiale	LLR	Lunar Laser Ranging
GSFC	Goddard Space Flight Center	LNA	Laboratório Nacional de Astrofísica
GST	Greenwich Sidereal Time	LOD	Length of Day
IAA	Institute of Applied Astronomy, St. Petersburg		
IAG	International Association of Geodesy		
IAU	International Astronomical Union		
ICRF	International Celestial Reference Frame		
ICRS	International Celestial Reference System		

Appendices

LPCE	Laboratoire de Physique et Chimie de l'Environnement	ROB	Royal Observatory of Belgium
LSGER	Laboratory of Space Geodesy and Earth Rotation, IAA	RRFID	USNO Radio Reference Frame Image Database
LSM	land surface model	RT	Real-Time (products)
mas	milliarcsecond(s)	SB	Special Bureau
MCC	Russian Mission Control Centre	SIM	NASA's Space Interferometry Mission
MCEP	mean Celestial Ephemeris Pole	SIMB	Service d'Installation et de Maintenance des Balises DORIS
MJD	Modified Julian Day	SINEX	Solution (Software/technique)
NASA	U.S. National Aeronautics and Space Administration		INdependent EXchange Format
NCAR	U.S. National Center for Atmospheric Research	SIO	Scripps Institution of Oceanography
NCEP	U.S. National Centers for Environmental Prediction	SLR	Satellite Laser Ranging
NCL	University of Newcastle upon Tyne	SNR	signal-to-noise ratio
NEOS	U.S. National Earth Orientation Service	SOFA	Standard Objects For Astronomy
NEQ	normal equation	SPBU	St Petersburg University
NERC	Natural Environment Research Council	SPM	Yale/San Juan Southern Proper Motion Program
NIPR	National Institute for Polar Research	SRIF	Square Root Information Filter array
NNR	No-net-rotation	SSALTO	Segment Sol multi-mission d'ALTimétrie, d'Orbitographie et de localisation précise
NOAA	U.S. National Oceanic and Atmospheric Administration	TAI	Temps Atomique International (International Atomic Time)
NoE	Network of Excellence	TC	Technique Centre
NOFS	USNO Flagstaff Station	TCB	Barycentric Coordinate Time
NPM	Lick Northern Proper Motion Program	TCG	Geocentric Coordinate Time
NRAO	U.S. National Radio Astronomy Observatory	TEMPO	Time and Earth Motion Precision Observations
NRCan	Natural Resources, Canada (formerly: EMR)	TEO	Terrestrial Ephemeris Origin
NRT	Near Real-Time (products)	TIGA	GPS Tide Gauge Benchmark Monitoring
NUVEL	Northwestern University Velocity Model	TMA	three mirror anastigmat
OAM	oceanic angular momentum	TN	IERS Technical Note
OP	Observatoire de Paris	TRF	Terrestrial Reference Frame
PC	Product Centre	TRS	Terrestrial Reference System
PIVEX	Platform Independent VLBI Exchange Format	U., Univ.	University
ppb	parts per billion (10^{-9})	UCAC	USNO CCD Astrograph Catalog
PRARE	Precise RANGE and Range-Rate Equipment	URL	Uniform Resource Locator
PZT	Photographic Zenith Tube (Telescope)	USNO	United States Naval Observatory
QC	quality control	UT	University of Texas
RA	right ascension	UT, UT0/1	Universal Time
RFI	radio frequency interference	UTC	Coordinated Universal Time
RINEX	Receiver INdependent EXchange format	VLBA	Very Long Baseline Array
rms, RMS	Root Mean Square	VLBI	Very Long Baseline Interferometry
		VSI	VLBI Standard Interface
		WG	working group
		ZPD	zenith path delay