

Appendix 5: Acronyms

AAM	Atmospheric Angular Momentum	DB	Directing Board
AC	Analysis Centre	DEOS	Delft Institute for Earth-Oriented Space Research
AC	Analysis Coordinator	DGFI	Deutsches Geodätisches Forschungsinstitut
AER	Atmospheric and Environmental Research Inc.	DIODE	Détermination Immédiate d'Orbite par Doris Embarqué
AGU	American Geophysical Union	DOMES	Directory Of MERIT Sites (originally; now of more general use)
APSG	Asia-Pacific Space Geodynamics	DORIS	Doppler Orbit determination and Radiopositioning Integrated on Satellite
AUSLIG	Australian Surveying and Land Information Group (now: GEOSCIENCE AUSTRALIA - National Mapping Division)	DUT	Delft University of Technology
AVISO	Archiving, Validation and Interpretation of Satellites Oceanographic data	DUT1	= UT1-UTC
AWG	Analysis Working Group	EGS	European Geophysical Society
BIH	Bureau International de l'Heure	EMR	Energy, Mines and Resources Canada (replaced by NRCan)
BIPM	Bureau International des Poids et Mesures	ENSG	Ecole Nationale de Sciences Geographiques
BKG	Bundesamt für Kartographie und Geodäsie	EOC	Earth Orientation Centre
BKGI	BKG in cooperation with GIUB	EOP	Earth Orientation Parameters
CB	Central Bureau	ERP	Earth Rotation Parameters
CC	Combination Centre	ESA	European Space Agency
CERGA	Centre d'Etudes et de Recherches Géodynamiques et Astronomiques	ESOC	European Space Agency Operational Center
CDDIS	NASA Crustal Dynamics Data Information System	FAGS	Federation of Astronomical and Geophysical Data Analysis Services
CGS	Centre di Geodesia Spatiale	FESG	Forschungseinrichtung Satelliten-geodäsie, Technical University Munich
CLS	Collecte, Localisation, Satellites	FFI	Forsvarets forskningsinstitut
CMB	core-mantle boundary	FTP	File Transfer Protocol
CNES	Centre National d'Etude Spatiale	GAOUA	Main Astronomical Observatory of the Ukrainian Academy of Sciences
CODE	Centre for Orbit Determination in Europe	Gbps	Gigabit per second
CORE	NASA Continuous Observations of the Rotation of the Earth	GFZ	GeoForschungsZentrum Potsdam
CRC	Combination Research Centre	GGFC	Global Geophysical Fluids Center
CRF	Celestial Reference Frame	GIUB	Geodetic Institute of the University of Bonn
CRL	Communications Research Laboratory	GLONASS	Global Navigation Satellite System
CSR	Center for Space Research	GNSS	Global Navigation Satellite System
CSTG	Commission on International Coordination of Space Techniques for Geodesy and Geodynamics	GPS	Global Positioning System
DANOF	Département d'Astronomie Fondamentale	GRGS	Groupe de Recherches de Géodésie Spatiale
		GSFC	Goddard Space Flight Center

Appendices

IAA	Institute of Applied Astronomy, St. Petersburg	MCC	Russian Mission Control Centre
IAG	International Association of Geodesy	MJD	Modified Julian Day
IAU	International Astronomical Union	NASA	U.S. National Aeronautics and Space Administration
ICRF	International Celestial Reference Frame	NCEP	U.S. National Centers for Environmental Prediction
ICRS	International Celestial Reference System	NEOS	U.S. National Earth Orientation Service
IDS	International DORIS Service	NERC	Natural Environment Research Council
IERS	International Earth Rotation Service	NGS	U.S. National Geodetic Survey
IGG	Institute of Geodesy and Geophysics	NIPR	National Institute for Polar Research
IGLOSS	International GLONASS Service	NNR	No-net-rotation
IGN	Institut Géographique National	NOAA	National Oceanic and Atmospheric Administration
IGGOS	Integrated Global Geodetic Observing System	NRAO	U.S. National Radio Astronomy Observatory
IGR	IGS rapid (orbit)	NRCan	Natural Resources, Canada (formerly: EMR)
IGS	International GPS Service	NUVEL	Northwestern University Velocity Model
IGU	IGS 'ultra-rapid' satellite orbits	OSO	Onsala Space Observatory
ILRS	International Laser Ranging Service	QC	quality control
INASAN	INstitut ASTRonomii Rossijskoj Akademii Nauk (Institute of Astronomy of the Russian Academy of Sciences)	PC	Product Centre
		PP	Pilot Project
IRIS	International Radio Interferometric Surveying	ppb	parts per billion (10^{-9})
ISGN	International Space Geodetic and Gravimetric Network	RFI	radio frequency interference
ITRF	International Terrestrial Reference Frame	rms, RMS	Root Mean Square
ITRS	International Terrestrial Reference System	ROB	Royal Observatory of Belgium
IUGG	International Union of Geodesy and Geophysics	SB	Special Bureau
IVS	International VLBI Service for Geodesy and Astrometry	SHA	Shanghai Observatory
JADE	JAPanese Dynamic Earth observation by VLBI	SIMB	Service d'Installation et de Maintenance des Balises DORIS
JCET	Joint Center for Earth System Technology, GSFC	SINEX	Solution (Software/technique) INdependent EXchange Format
JPL	Jet Propulsion Laboratory	SIO	Scripps Institution of Oceanography
LAREG	Laboratoire de Recherche en Geodesie	SLR	Satellite Laser Ranging
LEGOS	Laboratoire d'Etudes en Géophysique et Océanographie Spatiales	SOD	CNES Service d'Orbitographie DORIS
		SPBU	St Petersburg University
LEO	Low Earth Orbit	SSALTO	Segment Sol multi-mission d'ALTimétrie, d'Orbitographie et de localisation précise
LLR	Lunar Laser Ranging	TAI	Temps Atomique International (International Atomic Time)
LOD	Length of Day	TC	Technique Centre
mas	milliarcsecond(s)	TIGA	GPS Tide Gauge Benchmark Monitoring
		TIGO	Transportable Integrated Geophysical Observatory

5 Acronyms

TRF	Terrestrial Reference Frame
TU	Technical University
USNO	United States Naval Observatory
UT	University of Texas
UT, UT1	Universal Time
UTC	Coordinated Universal Time
VLBA	Very Long Baseline Array
VLBI	Very Long Baseline Interferometry
VSI	VLBI Standard Interface
WRMS	Weighted Root Mean Square
ZPD	zenith path delay