

Appendix 4: Acronyms

AAM	Atmospheric Angular Momentum	CSR	Center for Space Research
AC	Analysis Centre	CSTG	Commission on International Coordina- tion of Space Techniques for Geodesy and Geodynamics
AC	Analysis Coordinator		
AER	Atmospheric and Environmental Re- search Inc.	DANOF	Département d'Astronomie Fondamentale
AGU	American Geophysical Union	DAO	GSFC Data Assimilation Office
AICAS	Astronomical Institute, Academy of Sciences of the Czech Republic	DB	Directing Board
APSG	Asia-Pacific Space Geodynamics	DEOS	Delft Institute for Earth-Oriented Space Research
AUSLIG	Australian Surveying and Land Informa- tion Group (now: GEOSCIENCE AUS- TRALIA - National Mapping Division)	DGFI	Deutsches Geodätisches Forschungsinstitut
AVISO	Archiving, Validation and Interpretation of Satellites Oceanographic data	DIODE	Détermination Immédiate d'Orbite par Doris Embarqué
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
CB	Central Bureau	EGS	European Geophysical Society
CEP	Celestial Ephemeris Pole	EMR	Energy, Mines and Resources Canada (replaced by NRCan)
CERGA	Centre d'Etudes et de Recherches Géodynamiques et Astronomiques	ENSG	Ecole Nationale de Sciences Geographiques
CCIR	International Radio Consultative Com- mittee	EOP	Earth Orientation Parameters
CCTF	Comité Consultatif des Temps et Fréquences	ERP	Earth Rotation Parameters
CDDIS	NASA Crustal Dynamics Data Informa- tion System	ESA	European Space Agency
CGS	Centre di Geodesia Spatiale	ESOC	European Space Agency Operational Center
CIP	Celestial Intermediate Pole	FAGS	Federation of Astronomical and Geo- physical Data Analysis Services
CLG	Central Laboratory for Geodesy	FESG	Forschungseinrichtung Satelliten- geodäsie, Technical University Munich
CLS	Collecte, Localisation, Satellites	FFI	Forsvarets forskningsinstitut
CMB	core-mantle boundary	FK5	Fifth Fundamental Catalogue
CNES	Centre National d'Etude Spatiale	FSG	Forschungsgruppe Satellitengeodäsie
COD	Centre for Orbit Determination	GAOUA	Main Astronomical Observatory of the Ukrainian Academy of Sciences
CODE	Centre for Orbit Determination in Europe		
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	JPL	Jet Propulsion Laboratory
GMST	Greenwich Mean Sidereal Time	LAREG	Laboratoire de Recherche en Geodesie
GNSS	Global Navigation Satellite System	LEGOS	Laboratoire d'Etudes en Géophysique et Océanographie Spatiales
GPS	Global Positioning System		
GRGS	Groupe de Recherches de Géodésie Spatiale	LEO	Low Earth Orbit
		LLR	Lunar Laser Ranging
GSFC	Goddard Space Flight Center	LOD	Length of Day
GSI	Geographical Survey Institute	mas	milliarcsecond(s)
GST	Greenwich Sidereal Time	MCC	Russian Mission Control Centre
IAA	Institute of Applied Astronomy, St. Petersburg	MJD	Modified Julian Day
		MLRS	McDonald Observatory Laser Ranging Station
IAG	International Association of Geodesy		
IAPSO	International Association for the Physical Sciences of the Ocean	NASA	U.S. National Aeronautics and Space Administration
IAU	International Astronomical Union	NAVEX	NAVNET Experiment
ICRF	International Celestial Reference Frame	NAVNET	U.S. Navy VLBI Network
ICRS	International Celestial Reference System	NCEP	U.S. National Centers for Environmental Prediction
IDS	International DORIS Service	NEOS	U.S. National Earth Orientation Service
IERS	International Earth Rotation Service	NGS	National Geodetic Survey
IGN	Institut Géographique National	NIPR	National Institute for Polar Research
IGR	IGS rapid (orbit)	NNR	No-net-rotation
IGS	International GPS Service	NOAA	National Oceanic and Atmospheric Administration
ILRS	International Laser Ranging Service		
ILS	International Latitude Service	NRAO	U.S. National Radio Astronomy Observatory
INASAN	INstitut Astronomii Rossijskoj Akademii Nauk (Institute of Astronomy of the Russian Academy of Sciences)	NRCan	Natural Resources, Canada (formerly: EMR)
INSU	Institut des Sciences de l'Univers	NUVEL	Northwestern University Velocity Model
IRIS	International Radio Interferometric Surveying	OAM	Oceanic Angular Momentum
		OPA	Observatoire de Paris
IRM	IERS Reference Meridian	PC	Product Centre
IRP	IERS Reference Pole	POLARIS	Polar motion Analysis by Radio Interferometry
ITRF	International Terrestrial Reference Frame		
		ppb	parts per billion (10^{-9})
ITRS	International Terrestrial Reference System	PZT	Photographic Zenith Tube (Telescope)
		RA	Right ascension
ITU	International Telecommunication Union	RINEX	Receiver INdependent EXchange format
IUGG	International Union of Geodesy and Geophysics	rms	Root Mean Square
		ROB	Royal Observatory of Belgium
IVS	International VLBI Service for Geodesy and Astrometry	RSC	Radio Source Coordinates
		SB	Special Bureau
JADE	JAPanese Dynamic Earth observation by VLBI	SEDI	Study of the Earth Deep Interior
		SHA	Shanghai Observatory
JCET	Joint Center for Earth System Technology, GSFC	SI	Système International (International System of Units)

SIMB	Service d'Installation et de Maintenance des Balises DORIS	TT	Terrestrial Time
SINEX	Solution (Software/technique) INdependent EXchange Format	TU	Technical University
SIO	Scripps Institution of Oceanography	USNO	United States Naval Observatory
SLR	Satellite Laser Ranging	UT	University of Texas
SOD	CNES Service d'Orbitographie DORIS	UT, UT1	Universal Time
SPBU	St Petersburg University	UTC	Coordinated Universal Time
SSALTO	Segment Sol multi-mission d'ALTimétrie, d'Orbitographie et de localisation précise	UTexas	University of Texas
SSC	Sets of Stations Coordinates	UTXMO	University of Texas McDonald Observatory
SSV	Sets of Stations Velocities	VLBA	Very Long Baseline Array
TAI	Temps Atomique International (International Atomic Time)	VLBI	Very Long Baseline Interferometry
TC	Technique Centre	VOL	Variations of Latitude
TIGO	Transportable Integrated Geophysical Observatory	VS NIIFTRI	East-Siberian Research Institute for Physics-technical and Radio-technical Measurements
TRF	Terrestrial Reference Frame	WGRF	IAU Working Group on Reference Frames
		wrms	Weighted Root Mean Square
		ZPD	zenith path delay