

Appendix 3: Contact addresses of the IERS components

Technique Centres

International GPS Service (IGS)

IGS Central Bureau
Jet Propulsion Laboratory (JPL)
M/S 238-540, 4800 Oak Grove Drive
Pasadena, California 91109, USA
phone: ++1-818-354-8330, fax: ++1-818-393-6686
e-mail: igsb@igsb.jpl.nasa.gov

IGS Representatives to the IERS Directing Board:

Carine Bruyninx, Robert Weber

IERS Representative to the IGS Directing Board:

Claude Boucher

International Laser Ranging Service (ILRS)

ILRS Central Bureau
NASA's Goddard Space Flight Center (GSFC), Code 920.1
Greenbelt, MD 20771, USA
phone: ++1-301-614-5969, fax: ++1-301-614-5970
e-mail: cb@ilrs.gsfc.nasa.gov

ILRS Representatives to the IERS Directing Board:

Ron Noomen, Peter Shelus

IERS Representative to the ILRS Directing Board:

Bob E. Schutz

International VLBI Service (IVS)

IVS Coordinating Center
National Earth Orientation Service, Code 920.1, GSFC
Greenbelt, MD 20771, USA
phone: ++1-301-286-9019, fax: ++1-301-286-0213
e-mail: ivscc@ivscc.gsfc.nasa.gov

IVS Representatives to the IERS Directing Board:

Chopo Ma, Axel Nothnagel

IERS Representative to the IVS Directing Board: Chopo Ma

International DORIS Service (IDS) - planned

Gilles Tavernier
CNES, DSO/ED/AL/MA - Bpi 2002
18, avenue Edouard Belin
31401 Toulouse Cedex 4, France
phone: ++33-5 61 27 37 76, fax : ++33-5 61 28 25 95
e-mail: Gilles.Tavernier@cnes.fr

DORIS representative to the IERS with observing status:

Pascal Willis

Product Centres Earth Orientation Centre

Observatoire de Paris
61, Avenue de l'Observatoire, 75014 Paris, France
phone: ++33-1-40512229, fax: ++33-1-40512291
e-mail: iers@obspm.fr

Primary scientist and representative to the IERS Directing Board: Daniel Gambis

Rapid Service/Prediction Centre

U.S. Naval Observatory, Earth Orientation Department
3450 Massachusetts Avenue, NW, Washington, DC, USA
phone: ++1-202-762-1518, fax: ++1-202-762-1563
e-mail: ser7@maia.usno.navy.mil

Primary scientist and representative to the IERS Directing Board: N.N.; *managing:* Thomas Johnson

Convention Centre

U.S. Naval Observatory, Earth Orientation Department
3450 Massachusetts Avenue, NW, Washington, DC, USA
phone: ++1-202-762-1837, fax: ++1-202-762-1563
e-mail: dmc@maia.usno.navy.mil

Bureau International des Poids et Mesures
Pavillon de Breteuil, 92312 Sèvres Cedex, France
phone: ++33-1-45077067, fax: ++33-1-45077059
e-mail: gpetit@bipm.fr

Primary scientists:

Dennis D. McCarthy (USNO), Gérard Petit (BIPM)

Current representative to the IERS Directing Board:

Dennis D. McCarthy

ICRS Centre

Observatoire de Paris, DANOF
61, Avenue de l'Observatoire, 75014 Paris, France
phone: ++33-1-40512322, fax: ++33-1-40512291
e-mail: Jean.Souchay@obspm.fr

U.S. Naval Observatory, Earth Orientation Department
3450 Massachusetts Avenue, NW
Washington, DC, USA
phone: ++1-202-762-1519, fax: ++1-202-72-1514
e-mail: gaume.ralph@usno.navy.mil

Primary scientists:

Ralph A. Gaume (USNO), Jean Souchay (Obs. Paris)

Current representative to the IERS Directing Board:

Jean Souchay

ITRS Centre

Institut Géographique National (IGN), LAREG
Ecole Nationale de Sciences Géographiques (ENSG)
6-8 Avenue Blaise Pascal, Cite Descartes, Champs-sur-Marne
77455 Marne-la-Vallée, France
phone: ++33-1-6415-3255, fax: ++33-01-6415-3253
e-mail: itr@ensg.ign.fr

Primary scientist and representative to the IERS Directing Board: Claude Boucher

Global Geophysical Fluids Centre

Space Geodesy Branch, Code 926
NASA's Goddard Space Flight Center (GSFC)
Greenbelt, MD 20771, USA
phone: ++1-301-614-6104, fax: ++1-301-614-6099
e-mail: chao@bowie.gsfc.nasa.gov

Primary scientist and representative to the IERS Directing Board: Benjamin F. Chao

Special Bureau for the Atmosphere

David A. Salstein
Atmospheric and Environmental Research, Inc.
131 Hartwell Avenue, Lexington, MA 02421-3126, USA
phone: ++1-781-761-2288, fax: ++1-781-761-2299
e-mail: salstein@aer.com

Special Bureau for the Oceans

Richard S. Gross
JPL, Mail Stop 238-332, 4800 Oak Grove Drive
Pasadena, CA 91109-8099, USA
phone: ++1-818-354-4010, fax: ++1-818-393-6890
e-mail: Richard.Gross@jpl.nasa.gov

Special Bureau for Tides

Richard D. Ray
Space Geodesy Branch, Code 926, GSFC
Greenbelt, MD 20771, USA
phone: ++1-301-614-6102, fax: ++1-301-614-6099
e-mail: richard.ray@gsfc.nasa.gov

Special Bureau for Hydrology

Clark R. Wilson
Department of Geological Sciences, Center for Space Research
Institute for Geophysics, University of Texas at Austin
Austin, TX 78712, USA
phone: ++1-512-471-5008, fax: ++1-512-471-9425
e-mail: clarkw@maestro.geo.utexas.edu

Special Bureau for the Mantle

Benjamin F. Chao
Space Geodesy Branch, Code 926, GSFC
Greenbelt, MD 20771, USA
phone: ++1-301-614-6104, fax: ++1-301-614-6099
e-mail: chao@bowie.gsfc.nasa.gov

Special Bureau for the Core

Tim van Hoolst
Royal Observatory of Belgium
Ringlaan 3, 1180 Bruxelles, Belgium
phone: ++32-2-373-0668, fax: ++32-2-373-6731
e-mail: timvh@oma.be

Special Bureau for Gravity/Geocenter

Michael M. Watkins
JPL, Mail Stop 238-600, 4800 Oak Grove Drive
Pasadena, CA 91109-8099, USA
phone: ++1-818-354-7514, fax: ++1-818-354-4865
e-mail: mmw@cobra.jpl.nasa.gov

Special Bureau for Loading

Hans-Peter Plag (Vice-Chair)
Norwegian Mapping Authority, Geodetic Institute
Kartverksveien 21
N-3511 Hønefoss, Norway
phone: ++47-321-18100
fax: ++47-321-18101
e-mail: plag@statkart.no

Combination Centres

ITRS Combination Centres

Deutsches Geodätisches Forschungsinstitut (DGFI)

Hermann Drewes
Deutsches Geodätisches Forschungsinstitut
Marshallplatz 8, D-80539 München, Germany
phone: ++49-89-23031106, fax: ++49-89-23031240
e-mail: drewes@dgfi.badw.de

Geomatics Canada, Geodetic Survey Division

Remi Ferland
Geodetic Survey of Canada, Geomatics Canada
Natural Resources Canada (NRCan)
615 Booth Street
Ottawa, Ontario K1A 0E9, Canada
phone: ++1-613-995-4002
fax: ++1-613-995-3215
e-mail: ferland@geod.emr.ca

Institut Géographique National (IGN), LAREG

Ecole Nationale de Sciences Géographiques (ENSG)
Zuheir Altamimi
Institut Géographique National
6-8 Avenue Blaise Pascal, Cite Descartes, Champs-sur-Marne
77455 Marne-la-Vallee, France
phone: ++33-1-6415-3255, fax: ++33-01-6415-3253
e-mail: altamimi@ensg.ign.fr

Combination Research Centres *CRC representative to the IERS Directing Board:* Sheng Yuan Zhu

Astronomical Institute, Academy of Sciences of the Czech Republic, Prague

Jan Vondrak
Astronomical Institute
Bocni II 1401, 141 31 Prague 4, Czech Republic
phone: +420 2 67103043, fax: +420 2 72769023
e-mail: vondrak@ig.cas.cz

Deutsches Geodätisches Forschungsinstitut (DGFI)

Detlef Angermann
Deutsches Geodätisches Forschungsinstitut
Marstallplatz 8, D-80539 München, Germany
phone: ++49-89-23031-217, fax: ++49-89-23031-240
e-mail: angerman@dgfi.badw.de

Forschungseinrichtung Satellitengeodäsie, Technical University Munich (FESG)

Markus Rothacher
FESG, Institut für Astronomische und Physikalische Geodäsie
Technische Universität München,
Arcisstrasse 21, D-80333 München, Germany
phone: ++49-89-289-23195, fax: ++49-89-289-23178
e-mail: markus.rothacher@bv.tum.de

Forsvarets forskningsinstitutt (FFI, Norwegian Defence Research Establishment)

Per Helge Andersen
Forsvarets forskningsinstitutt, Division for Electronics
P.O. Box 25, N-2007 Kjeller, Norway
phone: 47-63-807407, fax: 47-63-807212
e-mail: per-helge.andersen@ffi.no

GeoForschungsZentrum Potsdam (GFZ)

Sheng Yuan Zhu
GeoForschungsZentrum Potsdam
Telegraphenberg, D-14473 Potsdam, Germany
phone: ++49-331-288-1100, fax: ++49-331-288-1111
e-mail: zhu@gfz-potsdam.de

Geodetic Institute of the University of Bonn (GIUB)

Axel Nothnagel, Geodätisches Institut, Universität Bonn
Nußallee 17, D-53115 Bonn, Germany
phone: ++49-228-733574, fax: ++49-228-732988
e-mail: nothnagel@uni-bonn.de

Groupe de Recherches de Géodésie Spatiale (GRGS)

Richard Biancale, CNES/GRGS
18 Avenue Edouard Belin, 31055 Toulouse Cedex, France
phone: ++33-61332978, fax: ++33-61253098
e-mail: richard.biancale@cnes.fr

Institute of Applied Astronomy, St. Petersburg (IAA)

Zinovy Malkin
Lab of Space Geodesy and Earth Rotation
Institute of Applied Astronomy RAS
nab. Kutuzova 10, St. Petersburg, 191187, Russia
phone: 7-812-275-1118/1024, fax: 7-812-275-1119
e-mail: malkin@quasar.ipa.nw.ru

Institut Géographique National (IGN)

Patrick Sillard, Institut Géographique National
6-8 Avenue Blaise Pascal, 77455 Marne-la-Vallée, France
phone: ++33-1-6415-3260, fax: ++33-01-6415-3253
e-mail: sillard@ensg.ign.fr

Jet Propulsion Laboratory (JPL)

Richard S. Gross
JPL, Mail Stop 238-332
4800 Oak Grove Drive, Pasadena, CA, USA
phone: ++1-818-354-4010, fax: ++1-818-393-6890
e-mail: Richard.Gross@jpl.nasa.gov

Analysis Coordinator

Markus Rothacher
Forschungseinrichtung Satellitengeodäsie
Technische Universität München
Arcisstrasse 21, D-80333 München, Germany
phone: ++49-89-289-23195, fax: ++49-89-289-23178
e-mail: markus.rothacher@bv.tum.de

Central Bureau

IERS Central Bureau
Bundesamt für Kartographie und Geodäsie
Richard-Strauss-Allee 11
60598 Frankfurt am Main, Germany
phone: ++49-69-6333-273/261/250, fax: ++49-69-6333-425
e-mail: central_bureau@iers.org

Director: Bernd Richter
Scientific Assistant: Wolfgang R. Dick