

TC 1: Terminology

BIML contact: Willem Kool

Secretariat

Dr. Jerzy Borzyminski
Central Office of Measures (GUM)
POLAND
E-Mail: int.dis.met@gum.gov.pl

P-Members (17)

AUSTRALIA	BELARUS	BRAZIL
BULGARIA	CUBA	CZECH REPUBLIC
FRANCE	GERMANY	JAPAN
KOREA (R.)	NETHERLANDS	POLAND
ROMANIA	RUSSIAN FEDERATION	SERBIA
SLOVENIA	UNITED STATES	

O-Members (12)

AUSTRIA	DENMARK	EGYPT
FINLAND	INDONESIA	IRELAND
NORWAY	P.R. CHINA	SLOVAKIA
SOUTH AFRICA	SPAIN	SWITZERLAND

Liaisons

IAEA - Agence Internationale de l'Energie Atomique	BIPM - Convention du Mètre
ISO - Organisation Internationale de Normalisation	IEC - Commission Electrotechnique Internationale
CECIP - Comité Européen des Fabricants d'Instruments de Pesage	IUPAP - International Union of Pure and Applied Physics
IUPAC - International Union of Pure and Applied Chemistry	IFCC - International Federation of Clinical Chemistry

Publications

V 1 - 2000 : International vocabulary of terms in legal metrology (VIML) (bilingual French-English) /
Vocabulaire international des termes de métrologie légale (VIML) (bilingue français-anglais) - Confirmed
01/01/2000 - Under revision

Projects

p 2: Revision of V1 (VIML), status: 3 CD

TC 2: Units of measurement

BIML contact: Willem Kool

Secretariat

Dr. Richard Goblirsch
BEV, Bundesamt für Eich- und Vermessungswesen
AUSTRIA
E-Mail: richard.goblirsch@bev.gv.at

P-Members (19)

AUSTRALIA	AUSTRIA	BRAZIL
BULGARIA	CUBA	CZECH REPUBLIC
FRANCE	GERMANY	JAPAN
KOREA (R.)	NETHERLANDS	P.R. CHINA
POLAND	ROMANIA	RUSSIAN FEDERATION
SLOVENIA	SWITZERLAND	TURKEY
UNITED STATES		

O-Members (11)

DENMARK	EGYPT	FINLAND
INDONESIA	ITALY	NORWAY
SERBIA	SLOVAKIA	SOUTH AFRICA
SPAIN	UNITED KINGDOM	

Liaisons

IAEA - Agence Internationale de l'Energie Atomique	BIPM - Convention du Mètre, CCU
IEC - Commission Electrotechnique Internationale	ISO - Organisation Internationale de Normalisation, TC 12
CECIP - Comité Européen des Fabricants d'Instruments de Pesage	IUPAP - International Union of Pure and Applied Physics
IUPAC - International Union of Pure and Applied Chemistry	

Publications

D 2 - 2007 : Legal units of measurement - Confirmed 04/12/2007

Projects

TC 3: Metrological control

BIML contact: Willem Kool

Secretariat

Dr. Charles D. Ehrlich
NIST, National Institute of Standards and Technology
UNITED STATES
E-Mail: charles.ehrlich@nist.gov
Mr. Kenneth Butcher
NIST, National Institute of Standards and Technology
UNITED STATES
E-Mail: kenneth.butcher@nist.gov

Dr. Ambler Thompson
NIST, National Institute of Standards and Technology
UNITED STATES
E-Mail: ambler.thompson@nist.gov

P-Members (25)

AUSTRALIA	AUSTRIA	BELGIUM
BULGARIA	CANADA	CUBA
CZECH REPUBLIC	FRANCE	GERMANY
JAPAN	KOREA (R.)	NETHERLANDS
NORWAY	P.R. CHINA	POLAND
ROMANIA	RUSSIAN FEDERATION	SERBIA
SLOVENIA	SOUTH AFRICA	SWEDEN
SWITZERLAND	TURKEY	UNITED KINGDOM
UNITED STATES		

O-Members (12)

BRAZIL	DENMARK	EGYPT
FINLAND	INDONESIA	IRELAND
ISRAEL	ITALY	SLOVAKIA
SPAIN	SRI LANKA	TANZANIA

Liaisons

IEC - Commission Electrotechnique Internationale

ISO - Organisation Internationale de Normalisation

CECIP - Comité Européen des Fabricants d'Instruments de Pesage

Publications

R 34 - 1979 : Accuracy classes of measuring instruments - Confirmed 31/10/1974 - Under revision

R 42 - 1981 : Metal stamps for verification officers - Confirmed 31/10/1977 - Under revision

D 3 - 1979 : Legal qualification of measuring instruments - Confirmed 01/01/1979 - Under revision

G 1 - 104 - 2009 : Evaluation of measurement data - An introduction to the "Guide to the expression of uncertainty in measurement" and related documents - Confirmed 23/10/2009

Projects

p 1: Revision of R 34: Accuracy classes of measuring instruments., To be incorporated into combined revision of D 19 and D 20 (TC 3/SC 1)., status: no document yet

p 2: Revision D 3: Legal qualification of measuring instruments., To be incorporated into combined revision of D 19 and D 20 (TC 3/SC 1)., status: no document yet

p 5: Revision R 42: Metal stamps for verification officers., To be incorporated into combined revision of D 19 and D 20 (TC 3/SC 1)., status: no document yet

p 6: Revision of D 1, status: 1 CD

Project leader: Prof. Manfred Kochsiek, GERMANY

TC 3/SC 1: Pattern Approval and verification

BIML contact: Willem Kool

Secretariat

Dr. Ambler Thompson
NIST, National Institute of Standards and Technology
UNITED STATES
E-Mail: ambler.thompson@nist.gov

P-Members (18)

AUSTRALIA	BULGARIA	CZECH REPUBLIC
DENMARK	FRANCE	GERMANY
JAPAN	NETHERLANDS	NEW ZEALAND
P.R. CHINA	POLAND	ROMANIA
RUSSIAN FEDERATION	SERBIA	SOUTH AFRICA
TURKEY	UNITED KINGDOM	UNITED STATES

O-Members (9)

AUSTRIA	BELGIUM	BRAZIL
CANADA	FINLAND	SLOVAKIA
SLOVENIA	SPAIN	SRI LANKA

Liaisons

ISO - Organisation Internationale de Normalisation IEC - Commission Electrotechnique Internationale
CECIP - Comité Européen des Fabricants d'Instruments
de Pesage

Publications

D 13 - 1986 : Guidelines for bi- or multilateral arrangements on the recognition of: test results - pattern approvals - verifications - Confirmed 01/01/1986 - Under revision
D 19 - 1988 : Pattern evaluation and pattern approval - Confirmed 01/01/1988 - Under revision
D 20 - 1988 : Initial and subsequent verification of measuring instruments and processes - Confirmed 01/01/1988 - Under revision
D 27 - 2001 : Initial verification of measuring instruments using the manufacturer's quality management system - Confirmed 01/01/2001

Projects

p 1: Revision D 19: Pattern evaluation and pattern approval., Revision combined with D 20 incorporating elements of R 34, R 42 and D 3., status: no document yet
p 2: Revision D 20: Initial and subsequent verification of measuring instruments and processes., Revision combined with D 19 incorporating elements of R 34 and D 3., status: no document yet
p 4: Revision D 13: Guidelines for bi- or multilateral arrangements on the recognition of: test results - pattern approvals - verifications., Postponed pending progress of p7 + p8 of TC3/SC5, status: no document yet

TC 3/SC 2: Metrological supervision

BIML contact: Willem Kool

Secretariat

Mr. Pavel Klenovský
CMI, Czech Metrology Institute
CZECH REPUBLIC
E-Mail: pklenovsky@cmi.cz

P-Members (18)

AUSTRALIA	BULGARIA	CZECH REPUBLIC
FRANCE	GERMANY	JAPAN
NETHERLANDS	P.R. CHINA	POLAND
ROMANIA	RUSSIAN FEDERATION	SERBIA
SLOVAKIA	SLOVENIA	SOUTH AFRICA
TURKEY	UNITED KINGDOM	UNITED STATES

O-Members (8)

AUSTRIA	BELGIUM	BRAZIL
CANADA	DENMARK	FINLAND
SPAIN	SRI LANKA	

Liaisons

CECIP - Comité Européen des Fabricants d'Instruments
de Pesage

Publications

D 9 - 2004 : Principles of metrological supervision - Confirmed 26/10/2004
D 12 - 1986 : Fields of use of measuring instruments subject to verification - Confirmed 01/01/1986
D 16 - 2011 : Principles of assurance of metrological control - Confirmed 18/07/2011

Projects

TC 3/SC 3: Reference materials

BIML contact: Luis Mussio

Secretariat

Dr. Elena Osintseva
UNIIM, Ural Research Institute of metrology
RUSSIAN FEDERATION
E-Mail: ev_osinceva@mail.ru

P-Members (13)

AUSTRALIA	BRAZIL	CZECH REPUBLIC
JAPAN	KAZAKHSTAN	NETHERLANDS
P.R. CHINA	POLAND	ROMANIA
RUSSIAN FEDERATION	SLOVENIA	TURKEY
UNITED STATES		

O-Members (9)

BELGIUM	BULGARIA	DENMARK
FINLAND	GERMANY	SERBIA
SLOVAKIA	SPAIN	SRI LANKA

Liaisons

ISO - Organisation Internationale de Normalisation, TC 158	CEN - Comité Européen de Normalisation
IUPAC - International Union of Pure and Applied Chemistry	IFCC - International Federation of Clinical Chemistry

Publications

D 18 - 2008 : The use of certified reference materials in fields covered by metrological control exercised by national services of legal metrology. Basic principles - Confirmed 07/01/2009

Projects

TC 3/SC 4: Application of statistical methods

BIML contact: Willem Kool

Secretariat

Dr. Peter Ulbig
PTB, Physikalisch-Technische Bundesanstalt
GERMANY
E-Mail: Peter.Ulbig@ptb.de

P-Members (15)

AUSTRALIA	AUSTRIA	BELGIUM
BRAZIL	GERMANY	JAPAN
NETHERLANDS	NORWAY	P.R. CHINA
POLAND	ROMANIA	RUSSIAN FEDERATION
SPAIN	UNITED KINGDOM	UNITED STATES

O-Members (15)

BULGARIA	CANADA	CZECH REPUBLIC
DENMARK	FINLAND	IRELAND
ITALY	NEW ZEALAND	SAUDI ARABIA
SERBIA	SLOVAKIA	SLOVENIA
SOUTH AFRICA	SRI LANKA	TUNISIA

Liaisons

ISO - Organisation Internationale de Normalisation

IWA - International Water Association

MARCOGAZ - Technical Association of the European Natural Gas Industry

AQUA - Association Européenne des fabricants de compteurs d'eau

EUREAU - European union of national associations of water suppliers and waste water services

CITEF - Association des Fabricants Européens de Compteurs d'Electricité

EURELECTRIC/UNIPED - Union of the Electricity Industry

FACOGAZ - Association des Fabricants Européens de Compteurs de Gaz

Publications

Projects

p 1: Surveillance of utility meters in service on the basis of sampling inspections, status: 3 CD

TC 3/SC 5: Conformity assessment

BIML contact: Luis Mussio

Secretariat

Dr. Charles D. Ehrlich
NIST, National Institute of Standards and Technology
UNITED STATES
E-Mail: charles.ehrlich@nist.gov

P-Members (26)

AUSTRALIA	AUSTRIA	BELGIUM
BRAZIL	BULGARIA	CANADA
CUBA	CZECH REPUBLIC	DENMARK
FRANCE	GERMANY	JAPAN
KOREA (R.)	NETHERLANDS	NORWAY
P.R. CHINA	POLAND	ROMANIA
RUSSIAN FEDERATION	SOUTH AFRICA	SPAIN
SWEDEN	SWITZERLAND	TURKEY
UNITED KINGDOM	UNITED STATES	

O-Members (7)

FINLAND	INDONESIA	IRAN
ISRAEL	SERBIA	SLOVAKIA
SLOVENIA		

Liaisons

ISO - Organisation Internationale de Normalisation, TC 176/SC 1	IEC - Commission Electrotechnique Internationale
ILAC - International Laboratory Accreditation	IAF - International Accreditation Forum
CECOD - Comité de Fabricants Européens de Systèmes de Mesurage du Pétrole	FACOGAZ - Association des Fabricants Européens de Compteurs de Gaz
CECIP - Comité Européen des Fabricants d'Instruments de Pesage	

Publications

D 29 - 2008 : Guide for the application of ISO/IEC Guide 65 to assessment of measuring instrument certification bodies in legal metrology - Confirmed 26/11/2008
D 30 - 2008 : Guide for the application of ISO/IEC 17025 to the assessment of Testing Laboratories involved in legal metrology - Confirmed 01/12/2008 - Under revision

Projects

p 2: Expression of uncertainty in measurement in legal metrology applications, status: 1 CD
p 5: Guide for the application of ISO/IEC Guide 65 to the assessment of certification bodies in legal metrology, status: no document yet
p 7: Revision of B3 OIML Certificate System for Measuring Instruments, status: 2 CD
p 8: Revision of B 10-1 Framework for a Mutual Acceptance Arrangement on OIML Type Evaluations (MAA), status: 1 CD
p 10: Guide for the application of ISO/IEC 17021 to the assessment of quality system certification bodies in the field of legal metrology, status: no document yet
p 11: Guide for the application of ISO 9001 to legal metrology controls, status: no document yet
p 12: Revision of OIML D 30, status: no document yet

TC 4: Measurement standards and calibration and verification devices

BIML contact: Willem Kool

Secretariat

Mr. Ivan Mikulecky
UNMS, Slovak Office of Standards, Metrology and
Testing
SLOVAKIA
E-Mail: mikulecky@normoff.gov.sk

P-Members (19)

AUSTRALIA	AUSTRIA	BRAZIL
BULGARIA	CANADA	CUBA
CZECH REPUBLIC	FRANCE	GERMANY
JAPAN	KOREA (R.)	NORWAY
POLAND	ROMANIA	RUSSIAN FEDERATION
SAUDI ARABIA	SLOVAKIA	TURKEY
UNITED STATES		

O-Members (12)

DENMARK	EGYPT	FINLAND
INDONESIA	IRELAND	NETHERLANDS
P.R. CHINA	SERBIA	SLOVENIA
SOUTH AFRICA	SPAIN	TANZANIA

Liaisons

BIPM - Convention du Mètre	ISO - Organisation Internationale de Normalisation
IEC - Commission Electrotechnique Internationale	IFCC - International Federation of Clinical Chemistry
CIE - Commission Internationale de l'Eclairage	

Publications

D 5 - 1982 : Principles for the establishment of hierarchy schemes for measuring instruments - Confirmed 01/01/1982 - Under revision
D 8 - 2004 : Measurement standards. Choice, recognition, use, conservation and documentation - Confirmed 15/05/2004
D 10 - 2007 : ILAC-G24/OIML D 10: Guidelines for the determination of recalibration intervals of measuring equipment used in testing laboratories - Confirmed 31/05/2007
D 23 - 1993 : Principles for metrological control of equipment used for verification - Confirmed 01/01/1993 - Under revision

Projects

p 1: Principles for the selection and expression of metrological characteristics of standards and devices used for calibration and verification, status: 1 CD
p 2: Revision D 5: Principles for the establishment of hierarchy schemes for measuring instruments, status: 2 CD
p 6: Revision D 23: Principles for metrological control of equipment used for verification, Postponed, waiting for TC 3/SC 5 project p2, status: no document yet

TC 5: General requirements for measuring instruments

BIML contact: Willem Kool

Secretariat

Mr. Roman Flegar
MIRS, Metrology Institute of the Republic of Slovenia
SLOVENIA
E-Mail: roman.flegar@gov.si

P-Members (19)

AUSTRALIA	BELGIUM	CUBA
CZECH REPUBLIC	DENMARK	FINLAND
FRANCE	GERMANY	JAPAN
KOREA (R.)	NETHERLANDS	ROMANIA
RUSSIAN FEDERATION	SLOVAKIA	SLOVENIA
SWEDEN	TURKEY	UNITED KINGDOM
UNITED STATES		

O-Members (14)

BELARUS	BRAZIL	BULGARIA
CANADA	EGYPT	INDONESIA
IRELAND	ITALY	P.R. CHINA
POLAND	SERBIA	SPAIN
SWITZERLAND	TANZANIA	

Liaisons

IEC - Commission Electrotechnique Internationale

CECOD - Comité de Fabricants Européens de Systèmes
de Mesurage du Pétrole

CECIP - Comité Européen des Fabricants d'Instruments
de Pesage

Publications

Projects

TC 5/SC 1: Environmental conditions

BIML contact: Willem Kool

Secretariat

Mr. George Teunisse
Verispect B.V.
NETHERLANDS
E-Mail: gteunisse@verispect.nl

P-Members (20)

AUSTRALIA	BELGIUM	CANADA
CUBA	DENMARK	FINLAND
FRANCE	GERMANY	JAPAN
KOREA (R.)	NETHERLANDS	ROMANIA
RUSSIAN FEDERATION	SLOVAKIA	SLOVENIA
SOUTH AFRICA	SWITZERLAND	TURKEY
UNITED KINGDOM	UNITED STATES	

O-Members (13)

AUSTRIA	BELARUS	BRAZIL
BULGARIA	CZECH REPUBLIC	EGYPT
INDONESIA	IRELAND	ITALY
P.R. CHINA	POLAND	SERBIA
SPAIN		

Liaisons

IEC - Commission Electrotechnique Internationale

ISO - Organisation Internationale de Normalisation

CECOD - Comité de Fabricants Européens de Systèmes de Mesurage du Pétrole

CITEF - Association des Fabricants Européens de Compteurs d'Electricité

CECIP - Comité Européen des Fabricants d'Instruments de Pesage

Publications

D 11 - 2004 : General requirements for electronic measuring instruments - Confirmed 31/10/2008 - Under revision

Projects

p 1: Revision of D 11 "General requirements for electronic measuring instruments

Note: during its 43rd Meeting, the CIML decided to change the name and the scope of TC 5/SC 1 and therefore, to extend the scope of D 11., status: 1 CD

TC 5/SC 2: Software

BIML contact: Ian Dunmill

Secretariat

Dr. Ulrich Grottker
PTB, Physikalisch-Technische Bundesanstalt
GERMANY
E-Mail: ulrich.grottker@ptb.de

P-Members (21)

AUSTRALIA	BELARUS	BELGIUM
BRAZIL	CANADA	CUBA
CZECH REPUBLIC	DENMARK	FINLAND
FRANCE	GERMANY	JAPAN
KOREA (R.)	NETHERLANDS	P.R. CHINA
ROMANIA	RUSSIAN FEDERATION	SLOVAKIA
SLOVENIA	UNITED KINGDOM	UNITED STATES

O-Members (14)

AUSTRIA	BULGARIA	EGYPT
INDONESIA	IRELAND	ITALY
MEXICO	NEW ZEALAND	NORWAY
POLAND	SERBIA	SOUTH AFRICA
SPAIN	SWITZERLAND	

Liaisons

IEC - Commission Electrotechnique Internationale

CECOD - Comité de Fabricants Européens de Systèmes de Mesurage du Pétrole

CECIP - Comité Européen des Fabricants d'Instruments de Pesage

Publications

D 31 - 2008 : General requirements for software controlled measuring instruments

Projects

p 2: New project "Methods and means for Verification", status: no document yet

TC 6: Prepackaged products

BIML contact: Willem Kool

Secretariat

Mr. Jaco Marneweck
NRCS, National Regulator for Compulsory
Specifications, Legal Metrology Department
SOUTH AFRICA
E-Mail: marnewj@nracs.org.za

P-Members (27)

AUSTRALIA	AUSTRIA	BELGIUM
BRAZIL	BULGARIA	CANADA
CROATIA	CUBA	CZECH REPUBLIC
DENMARK	FRANCE	GERMANY
JAPAN	KOREA (R.)	NETHERLANDS
NEW ZEALAND	NORWAY	P.R. CHINA
POLAND	RUSSIAN FEDERATION	SLOVAKIA
SOUTH AFRICA	SPAIN	SWITZERLAND
TURKEY	UNITED KINGDOM	UNITED STATES

O-Members (11)

CYPRUS	EGYPT	FINLAND
INDONESIA	IRELAND	ITALY
ROMANIA	SERBIA	SLOVENIA
SWEDEN	TANZANIA	

Liaisons

FEA - Fédération Européenne des Aérosols	Codex Alimentarius
ISO - Organisation Internationale de Normalisation	IEC - Commission Electrotechnique Internationale
CEN - Comité Européen de Normalisation	FIVS - Federation Internationale des Vins et Spiritueux
CECIP - Comité Européen des Fabricants d'Instruments de Pesage	

Publications

R 79 - 1997 : Labeling requirements for prepackaged products - Confirmed 31/10/1997 - Under revision
R 87 - 2004 : Quantity of product in prepackages - Confirmed 31/10/2003 - Under revision
R 87 - erratum - 2008 : Erratum (2008.06.16) to R 87 (Edition 2004) Quantity of product in prepackages - Confirmed 31/10/2007 - Under revision

Projects

p 1: OIML certificate for prepackaged goods, status: 3 CD
p 2: Revision of R 79 "Labeling requirements for prepackaged products", status: 2 CD
p 3: Revision R 87 "Quantity of product in Prepackages", status: no document yet
p 4: Methods for determining the quantity of product in prepackages, status: no document yet

TC 7: Measuring instruments for length and associated quantities

BIML contact: Ian Dunmill

Secretariat

Mr. John Goulding
NMO, NMO Certification Services
UNITED KINGDOM
E-Mail: john.goulding@nmo.gov.uk

P-Members (18)

AUSTRALIA	BELGIUM	CUBA
CZECH REPUBLIC	FINLAND	FRANCE
GERMANY	JAPAN	KOREA (R.)
POLAND	ROMANIA	RUSSIAN FEDERATION
SAUDI ARABIA	SERBIA	SLOVAKIA
SOUTH AFRICA	UNITED KINGDOM	UNITED STATES

O-Members (17)

AUSTRIA	BELARUS	BRAZIL
BULGARIA	DENMARK	EGYPT
HUNGARY	INDONESIA	IRAN
IRELAND	NETHERLANDS	NORWAY
P.R. CHINA	SLOVENIA	SPAIN
SWITZERLAND	TANZANIA	

Liaisons

ISO - Organisation Internationale de Normalisation, TC 172

Publications

R 35 - 1 - 2007 : Material measures of length for general use. Part 1: Metrological and technical requirements - Confirmed 31/10/2007

Projects

p 2: Test methods to revised R 35-1, status: 2 CD
p 3: Test Report Format to revised R 35-1, status: 2 CD

TC 7/SC 1: Measuring instruments for length

BIML contact: Ian Dunmill

Secretariat

Mr. K.V. Cherkirda
D.I. Mendeleev Institute for Metrology (VNIIM)
RUSSIAN FEDERATION
E-Mail: K.V.Cherkirda@vniim.ru, dab@vniim.ru

P-Members (16)

AUSTRIA	BELGIUM	CZECH REPUBLIC
FRANCE	HUNGARY	JAPAN
KOREA (R.)	NORWAY	POLAND
ROMANIA	RUSSIAN FEDERATION	SERBIA
SLOVAKIA	TURKEY	UNITED KINGDOM
UNITED STATES		

O-Members (18)

AUSTRALIA	BELARUS	BRAZIL
BULGARIA	CANADA	CYPRUS
DENMARK	EGYPT	FINLAND
GERMANY	INDONESIA	IRELAND
NETHERLANDS	P.R. CHINA	SLOVENIA
SOUTH AFRICA	SPAIN	SWITZERLAND

Liaisons

ISO - Organisation Internationale de Normalisation

Publications

R 24 - 1975 : Standard one metre bar for verification officers - Confirmed 26/10/2007
R 66 - 1985 : Length measuring instruments - Confirmed 31/10/1985 - Under revision
R 98 - 1991 : High-precision line measures of length - Confirmed 31/10/2008

Projects

p 2: Revision R 66: Length measuring instruments, status: no document yet

TC 7/SC 3: Measurement of areas

BIML contact: Ian Dunmill

Secretariat

Mr. Morayo Awosola
NMO, National Measurement Office
UNITED KINGDOM
E-Mail: morayo.awosola@nmo.gov.uk

P-Members (4)

CZECH REPUBLIC
UNITED KINGDOM

JAPAN

RUSSIAN FEDERATION

O-Members (17)

AUSTRALIA
CYPRUS
FRANCE
P.R. CHINA
SLOVAKIA
SPAIN

AUSTRIA
EGYPT
GERMANY
POLAND
SLOVENIA
UNITED STATES

BULGARIA
FINLAND
KOREA (R.)
SERBIA
SOUTH AFRICA

Publications

R 136 - 1 - 2004 : Instruments for measuring the areas of leathers - Confirmed 31/10/2004

R 136 - 2 - 2006 : Instruments for measuring the areas of leathers. Part 2: Test Report Format - Confirmed 31/10/2006

Projects

TC 7/SC 4: Measuring instruments for road traffic

BIML contact: lan Dunmill

Secretariat

Dr. Ambler Thompson
NIST, National Institute of Standards and Technology
UNITED STATES
E-Mail: ambler.thompson@nist.gov

P-Members (22)

AUSTRALIA	AUSTRIA	BELGIUM
BRAZIL	CZECH REPUBLIC	FINLAND
FRANCE	GERMANY	JAPAN
NETHERLANDS	NORWAY	POLAND
ROMANIA	RUSSIAN FEDERATION	SERBIA
SLOVAKIA	SLOVENIA	SOUTH AFRICA
SWEDEN	SWITZERLAND	UNITED KINGDOM
UNITED STATES		

O-Members (8)

BULGARIA	CYPRUS	DENMARK
EGYPT	IRELAND	KOREA (R.)
P.R. CHINA	SPAIN	

Liaisons

IEC - Commission Electrotechnique Internationale

Publications

R 21 - 2007 : Taximeters. Metrological and technical requirements, test procedures and test report format - Confirmed 31/10/2007
R 55 - 1981 : Speedometers, mechanical odometers and chronotachographs for motor vehicles. Metrological regulations - Confirmed 31/10/1981 - Under revision
R 91 - 1990 : Radar equipment for the measurement of the speed of vehicles - Confirmed 31/10/1990 - Under revision

Projects

p 2: Revision of R 55: Speedometers, mechanical odometers and chronotachographs for motor vehicles, status: no document yet
p 3: Revision of R 91: Radar equipment for the measurement of the speed of vehicles, status: no document yet

TC 7/SC 5: Dimensional measuring instruments

BIML contact: Ian Dunmill

Secretariat

Ms. Roselle Mailvaganam
NMI, National Measurement Institute
AUSTRALIA
E-Mail:
roselle.mailvaganam@measurement.gov.au

P-Members (12)

AUSTRALIA	CANADA	CZECH REPUBLIC
FRANCE	GERMANY	NORWAY
RUSSIAN FEDERATION	SERBIA	SLOVENIA
SOUTH AFRICA	UNITED KINGDOM	UNITED STATES

O-Members (15)

AUSTRIA	BULGARIA	CYPRUS
DENMARK	EGYPT	FINLAND
IRELAND	JAPAN	KOREA (R.)
NETHERLANDS	P.R. CHINA	POLAND
SLOVAKIA	SPAIN	SWITZERLAND

Liaisons

ISO - Organisation Internationale de Normalisation

Publications

R 129 - 2000 : Multi-dimensional measuring instruments - Confirmed 31/10/1999

Projects

p 1: Revision R 129: Multi-dimensional measuring instrument, status: no document yet

TC 8: Measurement of quantities of fluids

BIML contact: Luis Mussio

Secretariat

Dr. Hugo Bissig
METAS, Federal Institute of Metrology
SWITZERLAND
E-Mail: hugo.bissig@metas.ch

P-Members (24)

AUSTRALIA	AUSTRIA	BELGIUM
CZECH REPUBLIC	DENMARK	FRANCE
GERMANY	JAPAN	KOREA (R.)
NETHERLANDS	NORWAY	P.R. CHINA
POLAND	ROMANIA	RUSSIAN FEDERATION
SERBIA	SLOVAKIA	SLOVENIA
SOUTH AFRICA	SWEDEN	SWITZERLAND
TURKEY	UNITED KINGDOM	UNITED STATES

O-Members (12)

BRAZIL	BULGARIA	CANADA
CUBA	EGYPT	FINLAND
HUNGARY	INDONESIA	IRELAND
ITALY	SPAIN	TANZANIA

Liaisons

ISO - Organisation Internationale de Normalisation, TC 48/SC 6

CEN - Comité Européen de Normalisation

MARCOGAZ - Technical Association of the European Natural Gas Industry

Publications

R 40 - 1981 : Standard graduated pipettes for verification officers - Confirmed 31/10/1977 - Under revision
R 41 - 1981 : Standard burettes for verification officers - Confirmed 31/10/1977 - Under revision
R 43 - 1981 : Standard graduated glass flasks for verification officers - Confirmed 31/10/1977 - Under revision
R 63 - 1994 : Petroleum measurement tables - Confirmed 31/10/1994 - Under revision
R 119 - 1996 : Pipe provers for testing of measuring systems for liquids other than water - Confirmed 31/10/1996 - Under revision
R 120 - 2010 : Standard capacity measures for testing measuring systems for liquids other than water - Confirmed 31/10/2009
R 138 - 2007 : Vessels for commercial transactions - Confirmed 31/10/2007
R 138 - Amend - 2009 : Vessels for commercial transactions (Amendment 2009) - Confirmed 31/10/2009
D 25 - 2010 : Vortex meters used in measuring systems for fluids - Confirmed 31/10/2009
D 26 - 2010 : Glass delivery measures - Automatic pipettes - Confirmed 31/10/2009

Projects

p 2: Test report format for vessels, status: no document yet
p 3: Combined revision of R 40, R 41 & R 43 on standard volumetric measures, status: no document yet
p 4: Test report format for standard volumetric measures, status: no document yet
p 5: Revision of R 63 "Petroleum measurement tables", status: no document yet
p 6: Revision R 119 "Pipe provers", status: no document yet

TC 8/SC 1: Static volume and mass measurement

BIML contact: Luis Mussio

Secretariat

Dr. G. Wendt
PTB, Physikalisch-Technische Bundesanstalt
GERMANY
E-Mail:

P-Members (23)

AUSTRALIA	AUSTRIA	BELARUS
BELGIUM	CUBA	CZECH REPUBLIC
FRANCE	GERMANY	JAPAN
KOREA (R.)	NETHERLANDS	P.R. CHINA
POLAND	ROMANIA	RUSSIAN FEDERATION
SERBIA	SLOVAKIA	SLOVENIA
SOUTH AFRICA	SWEDEN	SWITZERLAND
TURKEY	UNITED STATES	

O-Members (11)

BRAZIL	BULGARIA	CANADA
DENMARK	EGYPT	FINLAND
IRELAND	KOREA (D.P.R.)	SPAIN
TANZANIA	UNITED KINGDOM	

Liaisons

ISO - Organisation Internationale de Normalisation, TC 28/SC 1

CEN - Comité Européen de Normalisation

MARCOGAZ - Technical Association of the European Natural Gas Industry

CECOD - Comité de Fabricants Européens de Systèmes de Mesurage du Pétrole

Publications

R 71 - 2008 : Fixed storage tanks. General requirements - Confirmed 31/10/2008 - Under revision
R 80 - 1 - 2009 : Road and rail tankers with level gauging. Part 1: Metrological and technical requirements - Confirmed 15/03/2009
R 85 - 1&2 - 2008 : Automatic level gauges for measuring the level of liquid in stationary storage tanks. Part 1: Metrological and technical requirements. Part 2: Metrological control and tests - Confirmed 31/10/2008 - Under revision
R 85 - 3 - 2008 : Automatic level gauges for measuring the level of liquid in stationary storage tanks. Part 3: Report Format for type evaluation - Confirmed 31/10/2008 - Under revision
R 95 - 1990 : Ships' tanks - General requirements - Confirmed 31/10/1990 - Under revision
R 125 - 1998 : Measuring systems for the mass of liquids in tanks - Confirmed 31/10/2008

Projects

p 5: Revision R 95, Postponed, status: no document yet
p 6: Revision R 80 (Part. 2: Metrological control and tests, Part 3: Test Report Format), status: 1 CD
Project leader: Dr.G. Wendt, GERMANY
p 7: Revision of R 71, status: no document yet
Project leader: Mr.Ralph A. Richter, UNITED STATES
p 8: Revision of R 85, status: no document yet
Project leader: Mr.Ralph A. Richter, UNITED STATES

TC 8/SC 3: Dynamic volume and mass measurement (liquids other than water)

BIML contact: Luis Mussio

Secretariat

Dr. Michael Rinker
PTB, Physikalisch-Technische Bundesanstalt
GERMANY
E-Mail: michael.rinker@ptb.de

Mr. Ralph A. Richter
NIST, National Institute of Standards and Technology
UNITED STATES
E-Mail: ralph.richter@nist.gov

P-Members (28)

AUSTRALIA	AUSTRIA	BELGIUM
CANADA	CUBA	CZECH REPUBLIC
DENMARK	FRANCE	GERMANY
JAPAN	KAZAKHSTAN	KOREA (R.)
NETHERLANDS	NEW ZEALAND	NORWAY
P.R. CHINA	POLAND	ROMANIA
RUSSIAN FEDERATION	SERBIA	SLOVAKIA
SLOVENIA	SOUTH AFRICA	SWEDEN
SWITZERLAND	TURKEY	UNITED KINGDOM
UNITED STATES		

O-Members (10)

BRAZIL	BULGARIA	EGYPT
FINLAND	HUNGARY	INDONESIA
IRELAND	KOREA (D.P.R.)	SPAIN
TANZANIA		

Liaisons

ISO - Organisation Internationale de Normalisation, TC 28/SC 2

CEN - Comité Européen de Normalisation

CECOD - Comité de Fabricants Européens de Systèmes de Mesurage du Pétrole

ISO - Organisation Internationale de Normalisation, TC 28/SC 1

MARCOGAZ - Technical Association of the European Natural Gas Industry

Publications

R 105 - 1993 : Direct mass flow measuring systems for quantities of liquids (including Annexes A and B) - Confirmed 31/10/1993

R 105 - C - 1995 : Direct mass flow measuring systems for quantities of liquids - Annex C: Test report format - Confirmed 31/10/1995

R 117 - 1 - 2007 : Dynamic measuring systems for liquids other than water. Part 1: Metrological and technical requirements - Confirmed 31/10/2007

R 118 - 1995 : Testing procedures and test report format for pattern examination of fuel dispensers for motor vehicles - Confirmed 31/10/1995

Projects

p 2: R 117-2: Measuring systems for liquids other than water - Part 2: Test methods., This project includes OIML R 118 revision., status: 1 CD

p 3: Measuring systems for liquids other than water - Part 3: Evaluation Report Format., This project includes the revision of OIML R 118., status: 1 WD

TC 8/SC 5: Water meters

BIML contact: Luis Mussio

Secretariat

Dr. M. Reader Harris
NEL, National Engineering Laboratory
UNITED KINGDOM
E-Mail: mreader@tuvnel.com

Mr. Morayo Awosola
NMO, NMO Certification Services
UNITED KINGDOM
E-Mail: morayo.awosola@nmo.gov.uk

P-Members (26)

AUSTRALIA	AUSTRIA	BELGIUM
BRAZIL	CANADA	CUBA
CZECH REPUBLIC	DENMARK	FRANCE
GERMANY	JAPAN	KOREA (R.)
NORWAY	P.R. CHINA	POLAND
ROMANIA	RUSSIAN FEDERATION	SERBIA
SLOVAKIA	SLOVENIA	SOUTH AFRICA
SWEDEN	SWITZERLAND	TURKEY
UNITED KINGDOM	UNITED STATES	

O-Members (13)

BELARUS	BULGARIA	EGYPT
FINLAND	HUNGARY	INDONESIA
IRELAND	ISRAEL	ITALY
KOREA (D.P.R.)	NETHERLANDS	SPAIN
TANZANIA		

Liaisons

ISO - Organisation Internationale de Normalisation, TC 30
IWA - International Water Association

CEN - Comité Européen de Normalisation
AQUA - Association Européenne des fabricants de compteurs d'eau

Publications

R 49 - 1 - 2006 : Water meters intended for the metering of cold potable water and hot water. Part 1: Metrological and technical requirements - Confirmed 31/10/2008 - Under revision
R 49 - 2 - 2006 : Water meters intended for the metering of cold potable water and hot water. Part 2: Test methods - Confirmed 31/10/2008
R 49 - 3 - 2006 : Water meters intended for the metering of cold potable water and hot water. Part 3: Test report format - Confirmed 31/10/2008 - Under revision

Projects

p 2: Revision of R 49-1, R 49-2, R 49-3
This revision is carried out in collaboration with ISO TC 30/SC 7 and CEN 92, status: 2 CD

TC 8/SC 6: Measurement of cryogenic liquids

BIML contact: Luis Mussio

Secretariat

Ms. Juana S. Williams
NIST, National Institute of Standards and Technology
UNITED STATES
E-Mail: juana.williams@nist.gov

P-Members (11)

CZECH REPUBLIC	DENMARK	FRANCE
GERMANY	KOREA (R.)	NETHERLANDS
SLOVAKIA	SOUTH AFRICA	SWITZERLAND
UNITED KINGDOM	UNITED STATES	

O-Members (18)

AUSTRALIA	AUSTRIA	BELGIUM
BRAZIL	BULGARIA	CANADA
CUBA	EGYPT	FINLAND
INDONESIA	JAPAN	NORWAY
P.R. CHINA	POLAND	ROMANIA
RUSSIAN FEDERATION	SERBIA	SPAIN

Liaisons

ISO - Organisation Internationale de Normalisation, TC 28/SC 2

ISO - Organisation Internationale de Normalisation, TC 28/SC 1

MARCOGAZ - Technical Association of the European Natural Gas Industry

Publications

R 81 - 1998 : Dynamic measuring devices and systems for cryogenic liquids - Confirmed 31/10/2007 - Under revision

R 81 - D - 2006 : Dynamic measuring devices and systems for cryogenic liquids - Annex D: Test report format - Confirmed 31/10/2007 - Under revision

Projects

p 1: Revision of OIML R 81, status: no document yet

TC 8/SC 7: Gas metering

BIML contact: Luis Mussio

Secretariat

Mr. George Teunisse
Verispect B.V.
NETHERLANDS
E-Mail: gteunisse@verispect.nl

P-Members (23)

AUSTRALIA	AUSTRIA	BELGIUM
CANADA	CZECH REPUBLIC	DENMARK
FRANCE	GERMANY	JAPAN
NETHERLANDS	P.R. CHINA	POLAND
ROMANIA	RUSSIAN FEDERATION	SERBIA
SLOVAKIA	SLOVENIA	SOUTH AFRICA
SWEDEN	SWITZERLAND	TURKEY
UNITED KINGDOM	UNITED STATES	

O-Members (13)

BRAZIL	BULGARIA	CUBA
EGYPT	FINLAND	HUNGARY
INDONESIA	IRELAND	ITALY
MACEDONIA (F.Y.R.)	NEW ZEALAND	NORWAY
SPAIN		

Liaisons

ISO - Organisation Internationale de Normalisation, TC 30	CEN - Comité Européen de Normalisation
CECOD - Comité de Fabricants Européens de Systèmes de Mesurage du Pétrole	FACOGAZ - Association des Fabricants Européens de Compteurs de Gaz
NGVA - Natural and bio Gas Vehicle Association	IGU - International Gas Union
NGV Global - International Association for Natural Gas Vehicles	MARCOGAZ - Technical Association of the European Natural Gas Industry

Publications

R 137 - 1&2 - 2012 : Gas meters. Part 1 Metrological and technical requirements and Part 2 Metrological controls and performance tests
R 139 - 2007 : Compressed gaseous fuel measuring systems for vehicles - Confirmed 31/10/2007 - Under revision
R 140 - 2007 : Measuring systems for gaseous fuel - Confirmed 31/10/2007

Projects

p 3: R 137-2: Gas meters - Part 2 Test methods, status: 2 CD
p 4: Revision of OIML R 139 Compressed gaseous fuels measuring systems for vehicles, status: 2 WD

TC 9: Instruments for measuring mass and density

BIML contact: Ian Dunmill

Secretariat

Mr. Kenneth Butcher
NIST, National Institute of Standards and Technology
UNITED STATES
E-Mail: kenneth.butcher@nist.gov

Mr. John Barton
NIST, National Institute of Standards and Technology
UNITED STATES
E-Mail: john.barton@nist.gov

P-Members (26)

AUSTRALIA	AUSTRIA	BELGIUM
CANADA	CUBA	CZECH REPUBLIC
DENMARK	FINLAND	FRANCE
GERMANY	JAPAN	KOREA (R.)
NETHERLANDS	NORWAY	P.R. CHINA
POLAND	ROMANIA	RUSSIAN FEDERATION
SAUDI ARABIA	SERBIA	SPAIN
SWEDEN	SWITZERLAND	TURKEY
UNITED KINGDOM	UNITED STATES	

O-Members (12)

BRAZIL	BULGARIA	CYPRUS
EGYPT	HUNGARY	INDONESIA
IRELAND	ITALY	SLOVAKIA
SLOVENIA	SOUTH AFRICA	TANZANIA

Liaisons

IEC - Commission Electrotechnique Internationale

CECIP - Comité Européen des Fabricants d'Instruments de Pesage

Publications

R 60 - 2000 : Metrological regulation for load cells - Confirmed 31/10/2008 - Under revision

Projects

p 1: Revision of R 60 "Metrological Regulation for Load Cells", status: no document yet

TC 9/SC 1: Nonautomatic weighing instruments

BIML contact: Ian Dunmill

Secretariat

Mrs. Corinne Lagauterie
Ministère de l'Economie, des Finances et de l'Industrie
FRANCE
E-Mail: corinne.lagauterie@finances.gouv.fr

Prof. Roman Schwartz
PTB, Physikalisch-Technische Bundesanstalt
GERMANY
E-Mail: roman.schwartz@ptb.de

P-Members (28)

AUSTRALIA	AUSTRIA	BELGIUM
BRAZIL	CANADA	CZECH REPUBLIC
DENMARK	FINLAND	FRANCE
GERMANY	JAPAN	KOREA (R.)
NETHERLANDS	NEW ZEALAND	NORWAY
P.R. CHINA	POLAND	ROMANIA
RUSSIAN FEDERATION	SERBIA	SLOVENIA
SOUTH AFRICA	SPAIN	SWEDEN
SWITZERLAND	TURKEY	UNITED KINGDOM
UNITED STATES		

O-Members (8)

BULGARIA	CYPRUS	HUNGARY
IRAN	IRELAND	ITALY
SLOVAKIA	TANZANIA	

Liaisons

ISO - Organisation Internationale de Normalisation

CECIP - Comité Européen des Fabricants d'Instruments de Pesage

Publications

R 76 - 1 - 2006 : Non-automatic weighing instruments. Part 1: Metrological and technical requirements - Tests - Confirmed 31/10/2006

R 76 - 2 - 2007 : Non-automatic weighing instruments. Part 2: Test report format - Confirmed 31/10/2007

Projects

TC 9/SC 2: Automatic weighing instruments

BIML contact: *Ian Dunmill*

Secretariat

Mr. Morayo Awosola
NMO, National Measurement Office
UNITED KINGDOM
E-Mail: morayo.awosola@nmo.gov.uk

P-Members (25)

AUSTRALIA	AUSTRIA	BELGIUM
BRAZIL	CZECH REPUBLIC	DENMARK
FINLAND	FRANCE	GERMANY
JAPAN	KOREA (R.)	NETHERLANDS
NORWAY	P.R. CHINA	POLAND
ROMANIA	RUSSIAN FEDERATION	SLOVENIA
SOUTH AFRICA	SPAIN	SWEDEN
SWITZERLAND	TURKEY	UNITED KINGDOM
UNITED STATES		

O-Members (8)

BULGARIA	CANADA	CYPRUS
HUNGARY	IRELAND	SERBIA
SLOVAKIA	TANZANIA	

Liaisons

ISO - Organisation Internationale de Normalisation

COPAMA - Confederation of Packaging Machinery Associations

CECIP - Comité Européen des Fabricants d'Instruments de Pesage

Publications

R 50 - 1 - 1997 : Continuous totalizing automatic weighing instruments (belt weighers). Part 1: Metrological and technical requirements - Tests - Confirmed 31/10/1997 - Under revision

R 50 - 2 - 1997 : Continuous totalizing automatic weighing instruments (belt weighers). Part 2 : Test report format - Confirmed 31/10/1997 - Under revision

R 51 - 1 - 2006 : Automatic catchweighing instruments. Part 1: Metrological and technical requirements - Tests - Confirmed 31/10/2006

R 51 - 1-erratum - 2010 : Erratum (2010.08.09) to R 51-1:2006 Automatic catchweighing instruments. Part 1: Metrological and technical requirements - Tests

R 51 - 2 - 2006 : Automatic catchweighing instruments. Part 2: Test report format - Confirmed 30/10/2006

R 61 - 1 - 2004 : Automatic gravimetric filling instruments. Part 1 : Metrological and technical requirements - Tests - Confirmed 30/09/2004

R 61 - 2 - 2004 : Automatic gravimetric filling instruments. Part 2: Test report format - Confirmed 31/10/2004

R 107 - 1 - 2007 : Discontinuous totalizing automatic weighing instruments (totalizing hopper weighers). Part 1: Metrological and technical requirements - Tests - Confirmed 31/10/2007

R 107 - 2 - 2007 : Discontinuous totalizing automatic weighing instruments (totalizing hopper weighers). Part 2: Test report format - Confirmed 31/10/2008

R 134 - 1 - 2006 : Automatic instruments for weighing road vehicles in motion and measuring axle loads. Part 1: Metrological and technical requirements – Tests - Confirmed 31/10/2006

R 134 - 2 - 2009 : Automatic instruments for weighing road vehicles in motion and measuring axle loads. Part 2: Test report format

Projects

p 3: Revision of R 106 Parts 1 and 2, (Part. 1: DR currently with BIML for online CIML approval and Part. 2: 3 CD), status: 3 CD

p 7: Revision of R 50. Part 1, status: 2 CD

TC 9/SC 3: Weights

BIML contact: Ian Dunmill

Secretariat

Dr. Michael Borys
PTB, Physikalisch-Technische Bundesanstalt
GERMANY
E-Mail: michael.borys@ptb.de

P-Members (21)

AUSTRALIA	AUSTRIA	BELGIUM
BRAZIL	CZECH REPUBLIC	DENMARK
FINLAND	FRANCE	GERMANY
INDIA	JAPAN	P.R. CHINA
POLAND	ROMANIA	RUSSIAN FEDERATION
SLOVENIA	SPAIN	SWITZERLAND
TURKEY	UNITED KINGDOM	UNITED STATES

O-Members (11)

BULGARIA	CYPRUS	HUNGARY
IRAN	IRELAND	ITALY
NETHERLANDS	NORWAY	SERBIA
SLOVAKIA	SOUTH AFRICA	

Liaisons

CECIP - Comité Européen des Fabricants d'Instruments
de Pesage

Publications

R 47 - 1979 : Standard weights for testing of high capacity weighing machines - Confirmed 31/10/1978
R 52 - 2004 : Hexagonal weights - Metrological and technical requirements - Confirmed 13/07/2004
R 111 - 1 - 2004 : Weights of classes E1, E2, F1, F2, M1, M1-2, M2, M2-3 and M3. Part 1: Metrological and technical requirements - Confirmed 31/10/2004
R 111 - 2 - 2004 : Weights of classes E1, E2, F1, F2, M1, M1-2, M2, M2-3 and M3. Part 2: Test report format - Confirmed 31/10/2004
D 28 - 2004 : Conventional value of the result of weighing in air (Revision of R 33)

Projects

TC 9/SC 4: Densities

BIML contact: Ian Dunmill

Secretariat

Dr. Natalia G. Domostroeva
D.I. Mendeleev Institute for Metrology (VNIIM)
RUSSIAN FEDERATION
E-Mail: n.g.domostroeva@vniim.ru, dab@vniim.ru

P-Members (13)

AUSTRALIA	AUSTRIA	BRAZIL
CZECH REPUBLIC	FRANCE	GERMANY
NORWAY	P.R. CHINA	POLAND
RUSSIAN FEDERATION	SERBIA	UNITED KINGDOM
UNITED STATES		

O-Members (13)

BELGIUM	BULGARIA	CYPRUS
DENMARK	EGYPT	FINLAND
HUNGARY	JAPAN	ROMANIA
SLOVAKIA	SLOVENIA	SPAIN
SWITZERLAND		

Liaisons

OIV - Organisation Internationale de la Vigne et du Vin

ISO - Organisation Internationale de Normalisation, TC 34/SC 4

CECIP - Comité Européen des Fabricants d'Instruments de Pesage

ICC - Association Internationale des Sciences et Technologies Céréalières

Publications

R 15 - 1974 : Instruments for measuring the hectolitre mass of cereals - Confirmed 31/10/1970
R 22 - 1975 : International alcoholometric tables - Confirmed 25/04/2005 - Under revision
R 44 - 1985 : Alcoholometers and alcohol hydrometers and thermometers for use in alcoholometry - Confirmed 31/10/1985

Projects

p 2: Revision R 22: International alcoholometric tables, status: no document yet
p 3: Hierarchy scheme for density-measuring instruments, status: 2 CD

TC 10: Instruments for measuring pressure, force and associated quantities

BIML contact: Willem Kool

Secretariat

Mr. Ralph A. Richter
NIST, National Institute of Standards and Technology
UNITED STATES
E-Mail: ralph.richter@nist.gov

P-Members (14)

AUSTRIA	BELGIUM	CUBA
CZECH REPUBLIC	FINLAND	GERMANY
JAPAN	KOREA (R.)	POLAND
ROMANIA	RUSSIAN FEDERATION	SLOVAKIA
UNITED KINGDOM	UNITED STATES	

O-Members (14)

BRAZIL	BULGARIA	DENMARK
EGYPT	FRANCE	HUNGARY
INDONESIA	IRELAND	NETHERLANDS
P.R. CHINA	SERBIA	SLOVENIA
SPAIN	TANZANIA	

Liaisons

ISO - Organisation Internationale de Normalisation

Publications

R 23 - 1975 : Tire pressure gauges for motor vehicles - Confirmed 31/10/1973 - Under revision

Projects

p 1: Revision R 23: Tire pressure gauges for motor vehicles, status: 2 CD

TC 10/SC 1: Pressure balances

BIML contact: Willem Kool

Secretariat

Mr. Jiri Tesar
CMI, Czech Metrology Institute
CZECH REPUBLIC
E-Mail: jtesar@cmi.cz

P-Members (11)

AUSTRIA	BELGIUM	CZECH REPUBLIC
FRANCE	GERMANY	JAPAN
ROMANIA	RUSSIAN FEDERATION	SERBIA
SLOVAKIA	UNITED STATES	

O-Members (10)

BULGARIA	DENMARK	EGYPT
FINLAND	HUNGARY	NETHERLANDS
P.R. CHINA	POLAND	SLOVENIA
SPAIN		

Liaisons

ISO - Organisation Internationale de Normalisation

Publications

R 110 - 1994 : Pressure balances - Confirmed 31/10/1994

Projects

p 1: Pressure transducers with (4-20) mA or (10-50) mA output signal, status: 4 CD

TC 10/SC 2: Pressure gauges with elastic sensing elements

BIML contact: Willem Kool

Secretariat

Mr. Alexander I. Goncharov
VNIIMS, All-Russian Scientific Research Institute of
Metrological Service
RUSSIAN FEDERATION
E-Mail: alex-vm@vniims.ru

P-Members (11)

AUSTRIA	BELGIUM	CZECH REPUBLIC
GERMANY	JAPAN	ROMANIA
RUSSIAN FEDERATION	SERBIA	SLOVAKIA
UNITED KINGDOM	UNITED STATES	

O-Members (11)

BULGARIA	FINLAND	FRANCE
HUNGARY	IRELAND	KOREA (D.P.R.)
NETHERLANDS	P.R. CHINA	POLAND
SLOVENIA	SPAIN	

Liaisons

ISO - Organisation Internationale de Normalisation

Publications

R 53 - 1982 : Metrological characteristics of elastic sensing elements used for measurement of pressure. Determination methods - Confirmed 31/10/1982

R 101 - 1991 : Indicating and recording pressure gauges, vacuum gauges and pressure-vacuum gauges with elastic sensing elements (ordinary instruments) - Confirmed 31/10/2000 - Under revision

R 109 - 1993 : Pressure gauges and vacuum gauges with elastic sensing elements (standard instruments) - Confirmed 31/10/2006 - Under revision

Projects

p 1: Pressure gauges with elastic sensing elements, status: 3 CD

p 2: Revision R101: Indicating and recording pressure gauges, vacuum gauges and pressure-vacuum gauges with elastic sensing elements (ordinary instruments)., Revision combined with revision R 109 (see p3)., status: 1 CD

p 3: Revision R 109: Pressure gauges and vacuum gauges with elastic sensing elements (standard instruments)., Combined revision of R 101 and R 109 is being developed by the Subcommittee., status: 1 CD

TC 10/SC 3: Barometers

BIML contact: Willem Kool

Secretariat

Mrs. LI Yanhua
NIM, Nationale Institute of Metrology
P.R. CHINA
E-Mail: liyh@nim.ac.cn

P-Members (5)

BELGIUM	JAPAN	RUSSIAN FEDERATION
SLOVAKIA	UNITED STATES	

O-Members (13)

AUSTRIA	BULGARIA	CZECH REPUBLIC
FINLAND	GERMANY	HUNGARY
P.R. CHINA	POLAND	ROMANIA
SERBIA	SLOVENIA	SPAIN
UNITED KINGDOM		

Publications

R 97 - 1990 : Barometers - Confirmed 31/10/1990 - Under revision

Projects

p 1: Revision R 97: Barometers, status: no document yet

TC 10/SC 4: Material testing machines

BIML contact: Willem Kool

Secretariat

Mr. Ralph A. Richter
NIST, National Institute of Standards and Technology
UNITED STATES
E-Mail: ralph.richter@nist.gov

P-Members (5)

BELGIUM	CZECH REPUBLIC	POLAND
RUSSIAN FEDERATION	UNITED STATES	

O-Members (15)

AUSTRIA	BELARUS	BULGARIA
DENMARK	FINLAND	FRANCE
IRELAND	JAPAN	NETHERLANDS
P.R. CHINA	ROMANIA	SERBIA
SLOVAKIA	SLOVENIA	SPAIN

Liaisons

ISO - Organisation Internationale de Normalisation, TC 164

Publications

R 65 - 2006 : Force measuring system of uniaxial material testing machines - Confirmed 31/10/2006

Projects

TC 11: Instruments for measuring temperature and associated quantities

BIML contact: Luis Mussio

Secretariat

Dr. Joachim Fischer
PTB Berlin, Physikalisch-Technische Bundesanstalt
GERMANY
E-Mail: Joachim.Fischer@ptb.de

P-Members (15)

AUSTRIA	BELGIUM	CZECH REPUBLIC
DENMARK	FRANCE	GERMANY
JAPAN	KOREA (R.)	POLAND
RUSSIAN FEDERATION	SERBIA	SLOVAKIA
SLOVENIA	UNITED KINGDOM	UNITED STATES

O-Members (15)

AUSTRALIA	BRAZIL	BULGARIA
CANADA	EGYPT	FINLAND
HUNGARY	INDONESIA	KOREA (D.P.R.)
NETHERLANDS	NORWAY	SPAIN
SRI LANKA	SWITZERLAND	TANZANIA

Liaisons

ISO - Organisation Internationale de Normalisation, TC
163/SC 1

IEC - Commission Electrotechnique Internationale

EHP - Euroheat & Power

Publications

R 75 - 1 - 2002 : Heat meters. Part 1: General requirements - Confirmed 31/10/2009
R 75 - 2 - 2002 : Heat meters. Part 2: Type approval tests - Confirmed 31/10/2009
R 75 - 3 - 2006 : Heat meters. Part 3: Test Report Format - Confirmed 31/10/2009

Projects

TC 11/SC 1: Resistance thermometers

BIML contact: Luis Mussio

Secretariat

Dr. Anatoliy I. Pokhodun
D.I. Mendeleev Institute for Metrology (VNIIM)
RUSSIAN FEDERATION
E-Mail: A.I.Pokhodun@vniim.ru, dab@vniim.ru

P-Members (12)

AUSTRIA	CZECH REPUBLIC	GERMANY
KOREA (R.)	NETHERLANDS	POLAND
RUSSIAN FEDERATION	SERBIA	SLOVAKIA
SLOVENIA	UNITED KINGDOM	UNITED STATES

O-Members (12)

BULGARIA	CANADA	DENMARK
EGYPT	FINLAND	HUNGARY
IRELAND	JAPAN	KOREA (D.P.R.)
NORWAY	SPAIN	SRI LANKA

Liaisons

ISO - Organisation Internationale de Normalisation, TC
48/SC 3

IEC - Commission Electrotechnique Internationale

Publications

R 84 - 2003 : Platinum, copper, and nickel resistance thermometers (for industrial and commercial use) -
Confirmed 31/10/2009

Projects

TC 11/SC 2: Contact thermometers

BIML contact: Luis Mussio

Secretariat

Dr. Ambler Thompson
NIST, National Institute of Standards and Technology
UNITED STATES
E-Mail: ambler.thompson@nist.gov

P-Members (12)

AUSTRIA	CZECH REPUBLIC	GERMANY
JAPAN	KOREA (R.)	NETHERLANDS
POLAND	RUSSIAN FEDERATION	SERBIA
SLOVAKIA	UNITED KINGDOM	UNITED STATES

O-Members (11)

BULGARIA	DENMARK	EGYPT
FINLAND	HUNGARY	IRAN
IRELAND	KOREA (D.P.R.)	NORWAY
SPAIN	SRI LANKA	

Liaisons

ISO - Organisation Internationale de Normalisation, TC
48/SC 3

IEC - Commission Electrotechnique Internationale

Publications

R 133 - 2002 : Liquid-in-glass thermometers - Confirmed 03/02/2010

Projects

TC 11/SC 3: Radiation thermometers

BIML contact: Luis Mussio

Secretariat

Dr. Anatoliy I. Pokhodun
D.I. Mendeleev Institute for Metrology (VNIIM)
RUSSIAN FEDERATION
E-Mail: A.I.Pokhodun@vniim.ru, dab@vniim.ru

P-Members (9)

CZECH REPUBLIC	GERMANY	JAPAN
KOREA (R.)	NETHERLANDS	RUSSIAN FEDERATION
SLOVAKIA	UNITED KINGDOM	UNITED STATES

O-Members (12)

AUSTRIA	BULGARIA	EGYPT
FINLAND	HUNGARY	IRAN
KOREA (D.P.R.)	NORWAY	POLAND
SERBIA	SPAIN	SRI LANKA

Liaisons

ISO - Organisation Internationale de Normalisation, TC
48/SC 3

CIE - Commission Internationale de l'Eclairage

Publications

R 18 - 1989 : Visual disappearing filament pyrometers - Confirmed 31/10/2008 - Under revision
R 48 - 2004 : Tungsten ribbon lamps for the calibration of radiation thermometers - Confirmed 31/10/2009
R 141 - 2008 : Procedure for calibration and verification of the main characteristics of thermographic instruments - Confirmed 31/10/2008
D 24 - 1996 : Total radiation pyrometers - Confirmed 31/10/2008

Projects

p 3: Standard black body radiator for the temperature range from - 50°C to 2500°C, status: 3 CD
p 5: Revision of R 18, status: no document yet

TC 12: Instruments for measuring electrical quantities

BIML contact: Willem Kool

Secretariat

Dr. Phillip Mitchell
NMI, National Measurement Institute
AUSTRALIA
E-Mail: phillip.mitchell@measurement.gov.au

P-Members (23)

AUSTRALIA	AUSTRIA	BRAZIL
CANADA	CUBA	CZECH REPUBLIC
FINLAND	FRANCE	GERMANY
JAPAN	KOREA (R.)	NETHERLANDS
NORWAY	ROMANIA	RUSSIAN FEDERATION
SERBIA	SLOVAKIA	SLOVENIA
SWEDEN	SWITZERLAND	TURKEY
UNITED KINGDOM	UNITED STATES	

O-Members (12)

BELGIUM	BULGARIA	DENMARK
EGYPT	HUNGARY	INDONESIA
IRELAND	ISRAEL	P.R. CHINA
POLAND	SOUTH AFRICA	SRI LANKA

Liaisons

IEC - Commission Electrotechnique Internationale
ESMIG - European Smart Metering Industry Group

EURELECTRIC/UNIPED - Union of the Electricity Industry

Publications

Projects

- p 1: Revision R 46: Active electrical energy meters for direct connection of class 2., status: 6 CD
- p 2: Verification of watthour meters, status: no document yet

TC 13: Measuring instruments for acoustics and vibration

BIML contact: *Ian Dunmill*

Secretariat

Dr. Thomas Fedtke
PTB, Physikalisch-Technische Bundesanstalt
GERMANY
E-Mail: thomas.fedtke@ptb.de

P-Members (15)

AUSTRIA	BRAZIL	CANADA
CZECH REPUBLIC	DENMARK	FRANCE
GERMANY	JAPAN	KOREA (R.)
P.R. CHINA	POLAND	RUSSIAN FEDERATION
SWITZERLAND	UNITED KINGDOM	UNITED STATES

O-Members (13)

AUSTRALIA	BELARUS	BULGARIA
CUBA	EGYPT	FINLAND
INDONESIA	NETHERLANDS	ROMANIA
SERBIA	SLOVAKIA	SLOVENIA
SPAIN		

Liaisons

ISO - Organisation Internationale de Normalisation, TC 43 IEC - Commission Electrotechnique Internationale

Publications

R 58 - 1998 : Sound level meters - Confirmed 31/10/1998 - Under revision
R 88 - 1998 : Integrating-averaging sound level meters - Confirmed 31/10/1998 - Under revision
R 102 - 1992 : Sound calibrators (including Annex A) - Confirmed 31/10/1992 - Under revision
R 102 - B&C - 1995 : Sound calibrators - Annexes B and C: Test methods for pattern evaluation and test report format - Confirmed 01/01/1995 - Under revision
R 103 - 1992 : Measuring instrumentation for human response to vibration - Confirmed 31/10/1992 - Under revision
R 104 - 1993 : Pure-tone audiometers (including Annexes A to E) - Confirmed 31/10/1993 - Under revision
R 104 - F - 1997 : Pure-tone audiometers - Annex F: Test report format - Confirmed 31/10/1997 - Under revision
R 122 - 1996 : Equipment for speech audiometry - Confirmed 31/10/1996
R 122 - C - 1999 : Equipment for speech audiometry - Annex C: Test report format - Confirmed 31/10/1999
R 130 - 2001 : Octave-band and one-third-octave-band filters - Confirmed 31/10/2000

Projects

p 2: Revision R 103: Measuring instrumentation for human response to vibration., status: no document yet
p 3: Revision R 102: Sound calibrators (including Annex A), status: 1 WD
p 4: Revision R 104: Pure-tone audiometers, status: no document yet
p 5: Combined revision of R 58 + R 88: Connected with the ongoing revision of IEC 61672 Sound level meters., status: no document yet

TC 14: Measuring instruments used for optics

BIML contact: Ian Dunmill

Secretariat

Mr. Tibor Gerlai
MKEH, Hungarian Trade Licensing Office
HUNGARY
E-Mail: gerlait@mkeh.hu

P-Members (8)

BRAZIL	GERMANY	HUNGARY
KOREA (R.)	ROMANIA	RUSSIAN FEDERATION
SLOVAKIA	UNITED STATES	

O-Members (15)

BELARUS	BULGARIA	CUBA
CZECH REPUBLIC	EGYPT	FINLAND
INDONESIA	JAPAN	NETHERLANDS
NORWAY	P.R. CHINA	POLAND
SERBIA	SLOVENIA	SPAIN

Liaisons

ISO - Organisation Internationale de Normalisation, TC 172 IEC - Commission Electrotechnique Internationale
CIE - Commission Internationale de l'Eclairage

Publications

R 93 - 1999 : Focimeters - Confirmed 31/10/2004

Projects

TC 15: Measuring instruments for ionizing radiations

BIML contact: Ian Dunmill

Secretariat

Dr. Vladimir P. Yarina

VNIIFTRI, National Scientific and Research Institute for
Physical-technical and Radio-technical Measurements

RUSSIAN FEDERATION

E-Mail: yarina@vniiftri.ru

P-Members (15)

AUSTRIA

CUBA

GERMANY

ROMANIA

SLOVENIA

BELGIUM

CZECH REPUBLIC

KOREA (R.)

RUSSIAN FEDERATION

UNITED KINGDOM

CANADA

DENMARK

NETHERLANDS

SERBIA

UNITED STATES

O-Members (15)

BELARUS

EGYPT

INDONESIA

NORWAY

SLOVAKIA

BRAZIL

FINLAND

IRELAND

P.R. CHINA

SPAIN

BULGARIA

HUNGARY

JAPAN

POLAND

SWITZERLAND

Liaisons

IAEA - Agence Internationale de l'Energie Atomique

ISO - Organisation Internationale de Normalisation, TC 85

IEC - Commission Electrotechnique Internationale

ICRU - International Commission on Radiation Units and
Measurements

Publications

Projects

TC 15/SC 1: Measuring instruments for ionizing radiations used in medical applications

BIML contact: *Ian Dunmill*

Secretariat

Dr. Vladimir P. Yarina

VNIIFTRI, National Scientific and Research Institute for
Physical-technical and Radio-technical Measurements
RUSSIAN FEDERATION

E-Mail: yarina@vniiftri.ru

P-Members (13)

AUSTRIA	BELGIUM	CANADA
CUBA	DENMARK	GERMANY
KOREA (R.)	NETHERLANDS	ROMANIA
RUSSIAN FEDERATION	SERBIA	UNITED KINGDOM
UNITED STATES		

O-Members (15)

BELARUS	BRAZIL	BULGARIA
CZECH REPUBLIC	EGYPT	FINLAND
HUNGARY	IRELAND	JAPAN
P.R. CHINA	POLAND	SLOVAKIA
SLOVENIA	SPAIN	SWITZERLAND

Liaisons

IAEA - Agence Internationale de l'Energie Atomique

ISO - Organisation Internationale de Normalisation

IEC - Commission Electrotechnique Internationale

ICRU - International Commission on Radiation Units and
Measurements

Publications

D 21 - 1990 : Secondary standard dosimetry laboratories for the calibration of dosimeters used in radiotherapy - Confirmed 01/01/1990

Projects

p 1: Measurement of radionuclides pollution, status: no document yet

p 2: Reference dosimetry system for ionizing radiation processing, status: no document yet

p 3: Radiation protection dosimetry for area monitoring, status: no document yet

p 4: Dosimeters and dose-rate meters of beta-radiation for application in therapy., status: 1 WD

TC 15/SC 2: Measuring instruments for ionizing radiations used in industrial processes

BIML contact: Ian Dunmill

Secretariat

Dr. Ambler Thompson
NIST, National Institute of Standards and Technology
UNITED STATES
E-Mail: ambler.thompson@nist.gov

P-Members (13)

AUSTRIA	BELGIUM	CANADA
CUBA	DENMARK	GERMANY
KOREA (R.)	NETHERLANDS	ROMANIA
RUSSIAN FEDERATION	SERBIA	UNITED KINGDOM
UNITED STATES		

O-Members (13)

BELARUS	BRAZIL	BULGARIA
CZECH REPUBLIC	EGYPT	FINLAND
IRELAND	JAPAN	P.R. CHINA
POLAND	SLOVAKIA	SPAIN
SWITZERLAND		

Liaisons

IAEA - Agence Internationale de l'Energie Atomique
ISO - Organisation Internationale de Normalisation

IEC - Commission Electrotechnique Internationale
ICRU - International Commission on Radiation Units and Measurements

Publications

R 127 - 1999 : Radiochromic film dosimetry system for ionizing radiation processing of materials and products - Confirmed 03/02/2010
R 131 - 2001 : Polymethylmethacrylate (PMMA) dosimetry systems for ionizing radiation processing of materials and products - Confirmed 03/02/2010
R 132 - 2001 : Alanine EPR dosimetry systems for ionizing radiation processing of materials and products - Confirmed 03/02/2010

Projects

TC 16: Instruments for measuring pollutants

BIML contact: Ian Dunmill

Secretariat

Dr. Ambler Thompson
NIST, National Institute of Standards and Technology
UNITED STATES
E-Mail: ambler.thompson@nist.gov

P-Members (13)

AUSTRALIA	BRAZIL	CANADA
CZECH REPUBLIC	GERMANY	JAPAN
KOREA (R.)	NETHERLANDS	ROMANIA
RUSSIAN FEDERATION	SLOVAKIA	TURKEY
UNITED STATES		

O-Members (14)

AUSTRIA	BULGARIA	CUBA
EGYPT	FINLAND	FRANCE
INDONESIA	IRELAND	NORWAY
P.R. CHINA	POLAND	SERBIA
SPAIN	SWITZERLAND	

Liaisons

ISO - Organisation Internationale de Normalisation

Publications

Projects

TC 16/SC 1: Air pollution

BIML contact: Ian Dunmill

Secretariat

Mr. George Teunisse
Verispect B.V.
NETHERLANDS
E-Mail: gteunisse@verispect.nl

P-Members (12)

AUSTRALIA	BRAZIL	FRANCE
GERMANY	JAPAN	NETHERLANDS
POLAND	ROMANIA	RUSSIAN FEDERATION
SERBIA	SPAIN	UNITED STATES

O-Members (12)

BULGARIA	CZECH REPUBLIC	EGYPT
FINLAND	HUNGARY	INDONESIA
IRELAND	MONACO	P.R. CHINA
SLOVAKIA	SLOVENIA	SWITZERLAND

Liaisons

ISO - Organisation Internationale de Normalisation, TC 22/SC 5

IEC - Commission Electrotechnique Internationale

IUPAC - International Union of Pure and Applied Chemistry

Publications

R 99 - 1&2 - 2008 : Instruments for measuring vehicle exhaust emissions. Part 1: Metrological and technical requirements. Part 2: Metrological controls and performance tests - Confirmed 31/10/2008

R 99 - 3 - 2008 : Instruments for measuring vehicle exhaust emissions. Part 3: Report Format - Confirmed 31/10/2008

R 143 - 2009 : Instruments for the continuous measurement of SO₂ in stationary source emissions - Confirmed 17/11/2009

Projects

p 1: (combined projects p1 and p3) Continuous measuring instruments for CO and NO_x emissions, status: 1 CD

Project leader: Mr. Alexey B. Diatlev, RUSSIAN FEDERATION

TC 16/SC 2: Water pollution

BIML contact: Ian Dunmill

Secretariat

Dr. Ambler Thompson
NIST, National Institute of Standards and Technology
UNITED STATES
E-Mail: ambler.thompson@nist.gov

P-Members (8)

AUSTRIA	BRAZIL	CROATIA
JAPAN	P.R. CHINA	ROMANIA
RUSSIAN FEDERATION	UNITED STATES	

O-Members (16)

BULGARIA	CUBA	CZECH REPUBLIC
FINLAND	FRANCE	HUNGARY
INDONESIA	IRELAND	KOREA (R.)
MONACO	POLAND	SERBIA
SLOVAKIA	SLOVENIA	SPAIN
SWITZERLAND		

Liaisons

ISO - Organisation Internationale de Normalisation, TC 147/SC 1 IEC - Commission Electrotechnique Internationale
IUPAC - International Union of Pure and Applied Chemistry

Publications

R 83 - 2006 : Gas chromatograph/mass spectrometer systems for the analysis of organic pollutants in water - Confirmed 31/10/2006
R 100 - 1991 : Atomic absorption spectrometers for measuring metal pollutants in water - Confirmed 31/10/1991 - Under revision
R 116 - 2006 : Inductively coupled plasma atomic emission spectrometers for the measurement of metal pollutants in water - Confirmed 31/10/2007

Projects

p 2: Revision R 100: Atomic absorption spectrometer systems for measuring metal pollutants in water., status: 2 CD

TC 16/SC 3: Pesticides and other pollutant toxic substances

BIML contact: Ian Dunmill

Secretariat

Dr. Ambler Thompson
NIST, National Institute of Standards and Technology
UNITED STATES
E-Mail: ambler.thompson@nist.gov

P-Members (7)

AUSTRALIA	CROATIA	KAZAKHSTAN
P.R. CHINA	ROMANIA	RUSSIAN FEDERATION
UNITED STATES		

O-Members (14)

BULGARIA	CUBA	CZECH REPUBLIC
FINLAND	FRANCE	INDONESIA
JAPAN	KOREA (R.)	MONACO
POLAND	SERBIA	SLOVAKIA
SLOVENIA	SPAIN	

Liaisons

ISO - Organisation Internationale de Normalisation, TC 190 IEC - Commission Electrotechnique Internationale
IUPAC - International Union of Pure and Applied Chemistry

Publications

R 82 - 2006 : Gas chromatographic systems for measuring the pollution from pesticides and other toxic substances - Confirmed 31/10/2006
R 112 - 1994 : High performance liquid chromatographs for measurement of pesticides and other toxic substances - Confirmed 31/10/1994 - Under revision

Projects

p 2: Revision R 112: High performance liquid chromatographs for measurement of pesticides and other toxic substance., status: no document yet

TC 16/SC 4: Field measurements of hazardous (toxic) pollutants

BIML contact: Ian Dunmill

Secretariat

Dr. Ambler Thompson
NIST, National Institute of Standards and Technology
UNITED STATES
E-Mail: ambler.thompson@nist.gov

P-Members (5)

AUSTRALIA	CROATIA	P.R. CHINA
RUSSIAN FEDERATION	UNITED STATES	

O-Members (17)

BULGARIA	CUBA	CZECH REPUBLIC
FINLAND	FRANCE	GERMANY
INDONESIA	JAPAN	KOREA (R.)
MONACO	NETHERLANDS	POLAND
ROMANIA	SERBIA	SLOVAKIA
SLOVENIA	SPAIN	

Liaisons

ISO - Organisation Internationale de Normalisation, TC 158 IUPAC - International Union of Pure and Applied Chemistry

Publications

R 113 - 1994 : Portable gas chromatographs for field measurements of hazardous chemical pollutants - Confirmed 31/10/1994
R 123 - 1997 : Portable and transportable X-ray fluorescence spectrometers for field measurement of hazardous elemental pollutants - Confirmed 31/10/1997
D 22 - 1991 : Guide to portable instruments for assessing airborne pollutants arising from hazardous wastes - Confirmed 01/01/1991 - Under revision

Projects

p 1: Guide to air sampling devices for toxic chemical pollutants at hazardous waste sites., status: 1 WD
p 2: FTIR (Fourier transform infrared) spectrometers for measurement of air pollutants, status: 1 CD
p 3: Revision D 22 (incorporating p 2): Guide to portable instruments for assessing airborne pollutants arising from hazardous wastes., status: no document yet

TC 17: Instruments for physico-chemical measurements

BIML contact: Luis Mussio

Secretariat

Prof. Leonid A. Konopelko
D.I. Mendeleev Institute for Metrology (VNIIM)
RUSSIAN FEDERATION
E-Mail: lkonop@b10.vniim.ru, dab@vniim.ru

P-Members (13)

AUSTRALIA	BRAZIL	CANADA
CUBA	CZECH REPUBLIC	GERMANY
KOREA (R.)	P.R. CHINA	POLAND
ROMANIA	RUSSIAN FEDERATION	SLOVAKIA
UNITED STATES		

O-Members (13)

AUSTRIA	BULGARIA	EGYPT
FINLAND	FRANCE	INDONESIA
IRELAND	JAPAN	NETHERLANDS
NORWAY	SERBIA	SLOVENIA
SPAIN		

Liaisons

ISO - Organisation Internationale de Normalisation
ICC - Association Internationale des Sciences et
Technologies Céréalières

IEC - Commission Electrotechnique Internationale

Publications

Projects

TC 17/SC 1: Humidity

BIML contact: Luis Mussio

Secretariat

Mr. Li Zhanyuan
NIM, Nationale Institute of Metrology
P.R. CHINA
E-Mail: lizhy@nim.ac.cn

Ms. G. Diane Lee
NIST, National Institute of Standards and Technology
UNITED STATES
E-Mail: diane.lee@nist.gov

P-Members (15)

AUSTRALIA
CUBA
GERMANY
P.R. CHINA
SERBIA

AUSTRIA
CZECH REPUBLIC
JAPAN
POLAND
UNITED KINGDOM

BRAZIL
FRANCE
NETHERLANDS
RUSSIAN FEDERATION
UNITED STATES

O-Members (10)

BULGARIA
HUNGARY
NORWAY
SPAIN

EGYPT
INDONESIA
ROMANIA

FINLAND
IRELAND
SLOVAKIA

Liaisons

ISO - Organisation Internationale de Normalisation, TC
34/SC 4

ICC - Association Internationale des Sciences et
Technologies Céréalières

Publications

R 59 - 1984 : Moisture meters for cereal grains and oilseeds - Confirmed 31/10/2003 - Under revision
R 92 - 1989 : Wood-moisture meters - Verification methods and equipment: general provisions - Confirmed
24/09/2010

Projects

p 1: Revision R 59: Moisture meters for cereal grains and oilseeds., status: 5 CD

TC 17/SC 2: Saccharimetry

BIML contact: Luis Mussio

Secretariat

Mr. Anatoliy S. Naidenov
D.I. Mendeleev Institute for Metrology (VNIIM)
RUSSIAN FEDERATION
E-Mail: lkonop@b10.vniim.ru, dab@vniim.ru

P-Members (10)

BRAZIL	CUBA	FRANCE
GERMANY	KAZAKHSTAN	P.R. CHINA
POLAND	RUSSIAN FEDERATION	UNITED KINGDOM
UNITED STATES		

O-Members (11)

AUSTRIA	BULGARIA	CZECH REPUBLIC
EGYPT	FINLAND	JAPAN
ROMANIA	SERBIA	SLOVAKIA
SLOVENIA	SPAIN	

Liaisons

OIV - Organisation Internationale de la Vigne et du Vin

ISO - Organisation Internationale de Normalisation, TC 93

ICUMSA - International Commission for Uniform Methods
of Sugar Analysis

Publications

R 14 - 1995 : Polarimetric saccharimeters graduated in accordance with the ICUMSA International Sugar Scale - Confirmed 31/10/2009

R 108 - 1993 : Refractometers for the measurement of the sugar content of fruit juices - Confirmed 31/10/2008

R 124 - 1997 : Refractometers for the measurement of the sugar content of grape musts - Confirmed 31/10/2009

R 142 - 2008 : Automated refractometers: Methods and means of verification - Confirmed 31/10/2008

Projects

TC 17/SC 3: pH-metry

BIML contact: Luis Mussio

Secretariat

Dr. Igor Maksimov

VNIIFTRI, National Scientific and Research Institute for
Physical-technical and Radio-technical Measurements
RUSSIAN FEDERATION

E-Mail: maksimov.igor@aist.go.jp

P-Members (9)

CUBA

HUNGARY

POLAND

CZECH REPUBLIC

JAPAN

RUSSIAN FEDERATION

GERMANY

P.R. CHINA

UNITED STATES

O-Members (9)

BULGARIA

FINLAND

SLOVAKIA

DENMARK

ROMANIA

SLOVENIA

EGYPT

SERBIA

SPAIN

Liaisons

ISO - Organisation Internationale de Normalisation

IEC - Commission Electrotechnique Internationale

IUPAC - International Union of Pure and Applied Chemistry

Publications

R 54 - 1981 : pH scale for aqueous solutions - Confirmed 31/10/1981 - Under revision

Projects

p 1: Revision R 54: pH scale for aqueous solutions, status: 1 CD

p 2: Method of carrying out pH-measurements and certification methods of solution for verification of pH-meters., status: no document yet

TC 17/SC 4: Conductometry

BIML contact: Luis Mussio

Secretariat

Mr. Vladimir I. Suvorov
D.I. Mendeleev Institute for Metrology (VNIIM)
RUSSIAN FEDERATION
E-Mail: lkonop@b10.vniim.ru, dab@vniim.ru

P-Members (8)

BRAZIL	CUBA	CZECH REPUBLIC
P.R. CHINA	POLAND	RUSSIAN FEDERATION
SLOVAKIA	UNITED STATES	

O-Members (11)

BELARUS	BULGARIA	EGYPT
FINLAND	GERMANY	HUNGARY
JAPAN	ROMANIA	SERBIA
SLOVENIA	SPAIN	

Liaisons

IEC - Commission Electrotechnique Internationale

IUPAC - International Union of Pure and Applied Chemistry

Publications

R 56 - 1981 : Standard solutions reproducing the conductivity of electrolytes - Confirmed 31/10/1981 - Under revision
R 68 - 1985 : Calibration method for conductivity cells - Confirmed 31/10/1985 - Under revision

Projects

p 1: -1: "Traceability of electrolytic conductivity measurements results" (preliminary title of IR), status: no document yet

TC 17/SC 5: Viscosimetry

BIML contact: Luis Mussio

Secretariat

Dr. Natalia G. Domostroeva
D.I. Mendeleev Institute for Metrology (VNIIM)
RUSSIAN FEDERATION
E-Mail: n.g.domostroeva@vniim.ru, dab@vniim.ru

P-Members (8)

CZECH REPUBLIC	GERMANY	NETHERLANDS
P.R. CHINA	POLAND	RUSSIAN FEDERATION
SLOVAKIA	UNITED STATES	

O-Members (12)

AUSTRIA	BULGARIA	CUBA
EGYPT	FINLAND	FRANCE
INDONESIA	JAPAN	ROMANIA
SERBIA	SLOVENIA	SPAIN

Liaisons

ISO - Organisation Internationale de Normalisation

Publications

R 69 - 1985 : Glass capillary viscometers for the measurement of kinematic viscosity. Verification method - Confirmed 31/10/1985
D 17 - 1987 : Hierarchy scheme for instruments measuring the viscosity of liquids - Confirmed 01/01/1987

Projects

p 1: Reference standard liquids (Newtonian viscosity standard for the calibration and verification of viscometers), status: 2 CD

TC 17/SC 6: Gas analysis

BIML contact: Luis Mussio

Secretariat

Dr. Yury A. Kustikov
D.I. Mendeleev Institute for Metrology (VNIIM)
RUSSIAN FEDERATION
E-Mail: lkonop@b10.rcom.ru, dab@vniim.ru

P-Members (9)

AUSTRALIA
FRANCE
POLAND

BRAZIL
NETHERLANDS
RUSSIAN FEDERATION

CZECH REPUBLIC
P.R. CHINA
UNITED STATES

O-Members (13)

BULGARIA
EGYPT
HUNGARY
SERBIA
SWITZERLAND

CUBA
FINLAND
JAPAN
SLOVAKIA

DENMARK
GERMANY
ROMANIA
SPAIN

Liaisons

ISO - Organisation Internationale de Normalisation, TC 158

IEC - Commission Electrotechnique Internationale

Publications

Projects

TC 17/SC 7: Breath testers

BIML contact: Luis Mussio

Secretariat

Mrs. Sophie Vaslin-Reimann
LNE, Laboratoire National de Métrologie et d'Essais
FRANCE
E-Mail: sophie.vaslin-reimann@lne.fr

Mrs. Regina Klüss
PTB, Physikalisch-Technische Bundesanstalt
GERMANY
E-Mail: regina.kluess@ptb.de

P-Members (17)

AUSTRALIA
BRAZIL
IRELAND
NORWAY
RUSSIAN FEDERATION
UNITED KINGDOM

AUSTRIA
FRANCE
JAPAN
POLAND
SLOVENIA
UNITED STATES

BELGIUM
GERMANY
NETHERLANDS
ROMANIA
TURKEY

O-Members (11)

BULGARIA
DENMARK
SERBIA
SPAIN

CANADA
FINLAND
SLOVAKIA
SWITZERLAND

CZECH REPUBLIC
HUNGARY
SOUTH AFRICA

Liaisons

ISO - Organisation Internationale de Normalisation

IEC - Commission Electrotechnique Internationale

Publications

Projects

p 1: Revision R 126 Evidential breath analysers., status: 7 CD

p 2: Test procedures and test report format for the evaluation of portable breath testers used in open air (Annexes to R 126)., status: 7 CD

TC 17/SC 8: Instruments for quality analysis of agricultural products

BIML contact: Luis Mussio

Secretariat

Dr. Grahame Harvey
NMI, National Measurement Institute
AUSTRALIA
E-Mail: grahame.harvey@measurement.gov.au

P-Members (10)

AUSTRALIA	BRAZIL	CANADA
GERMANY	JAPAN	KOREA (R.)
NEW ZEALAND	RUSSIAN FEDERATION	SLOVAKIA
UNITED STATES		

O-Members (4)

CZECH REPUBLIC	FRANCE	POLAND
SERBIA		

Liaisons

ISO - Organisation Internationale de Normalisation, TC
34/SC 4

Publications

Projects

p 1: Measuring instruments used for protein determination in grains, status: 2 CD

TC 18: Medical measuring instruments

BIML contact: Ian Dunmill

Secretariat

Dr. Stephan Mieke
PTB Berlin, Physikalisch-Technische Bundesanstalt
GERMANY
E-Mail: stephan.mieke@ptb.de

P-Members (7)

AUSTRIA	GERMANY	JAPAN
KOREA (R.)	RUSSIAN FEDERATION	SAUDI ARABIA
UNITED STATES		

O-Members (18)

AUSTRALIA	BRAZIL	BULGARIA
CUBA	CZECH REPUBLIC	EGYPT
FINLAND	FRANCE	INDONESIA
NETHERLANDS	P.R. CHINA	POLAND
ROMANIA	SERBIA	SLOVAKIA
SLOVENIA	SPAIN	SWITZERLAND

Liaisons

WHO - Organisation Mondiale de la Santé

ISO - Organisation Internationale de Normalisation, TC 172

Publications

R 128 - 2000 : Ergometers for foot crank work - Confirmed 31/10/1999

Projects

p 1: Ophthalmic instruments - Impression and applanation tonometers., status: 4 CD

TC 18/SC 1: Blood pressure instruments

BIML contact: Ian Dunmill

Secretariat

Mr. Cui Qiming
Shanghai Institute of Measurement and Testing
Technology
P.R. CHINA
E-Mail: cuiqm@simt.com.cn

P-Members (11)

AUSTRIA	BRAZIL	CZECH REPUBLIC
GERMANY	JAPAN	P.R. CHINA
POLAND	SERBIA	SLOVAKIA
SLOVENIA	UNITED STATES	

O-Members (10)

AUSTRALIA	BULGARIA	CANADA
FINLAND	INDONESIA	NETHERLANDS
RUSSIAN FEDERATION	SPAIN	SRI LANKA
SWITZERLAND		

Liaisons

WHO - Organisation Mondiale de la Santé

IEC - Commission Electrotechnique Internationale

Publications

R 16 - 1 - 2002 : Mechanical non-invasive sphygmomanometers - Confirmed 31/10/2002 - Under revision
R 16 - 2 - 2002 : Non-invasive automated sphygmomanometers - Confirmed 31/10/2002 - Under revision

Projects

p 1: Revision of "None-invasive mechanical sphygmomanometers", OIML R 16-1, Approved by the 43rd CIML Meeting on October. 31, 2008, status: 1 CD
p 2: Revision of "None-invasive sphygmomanometers", OIML R 16-2, Approved by the 43rd CIML Meeting on October. 31, 2008, status: 1 WD

TC 18/SC 2: Medical thermometers

BIML contact: Ian Dunmill

Secretariat

P-Members (8)

BRAZIL
JAPAN
SPAIN

CZECH REPUBLIC
RUSSIAN FEDERATION
UNITED STATES

GERMANY
SLOVAKIA

O-Members (11)

AUSTRALIA
INDONESIA
POLAND
SRI LANKA

BULGARIA
NETHERLANDS
SERBIA
SWITZERLAND

FINLAND
P.R. CHINA
SLOVENIA

Liaisons

ISO - Organisation Internationale de Normalisation

IEC - Commission Electrotechnique Internationale

Publications

R 7 - 1979 : Clinical thermometers, mercury-in-glass with maximum device - Confirmed 31/10/1978 - Under revision

R 114 - 1995 : Clinical electrical thermometers for continuous measurement - Confirmed 31/10/1995

R 115 - 1995 : Clinical electrical thermometers with maximum device - Confirmed 31/10/1995

Projects

p 1: Revision R 7: Clinical thermometers, mercury-in-glass with maximum device., status: 1 CD

p 2: Clinical infrared ear thermometers, status: no document yet

TC 18/SC 4: Bio-electrical instruments

BIML contact: Ian Dunmill

Secretariat

Dr. Natalia P. Muravskaya
FSUE VNIIOFI, All-Russian Scientific Research
Institute for Optical and Physical measurements
RUSSIAN FEDERATION
E-Mail: muravskaya-d4@vniiofi.ru

P-Members (4)

BELARUS	GERMANY	RUSSIAN FEDERATION
UNITED STATES		

O-Members (13)

AUSTRALIA	BRAZIL	BULGARIA
CZECH REPUBLIC	FINLAND	JAPAN
NETHERLANDS	P.R. CHINA	SERBIA
SLOVAKIA	SLOVENIA	SPAIN
SRI LANKA		

Liaisons

IEC - Commission Electrotechnique Internationale

Publications

R 89 - 1990 : Electroencephalographs - Metrological characteristics - Methods and equipment for verification - Confirmed 31/10/1990 - Under revision
R 90 - 1990 : Electrocardiographs - Metrological characteristics - Methods and equipment for verification - Confirmed 31/10/1990 - Under revision

Projects

p 1: Electrodes for electrocardiographs and electroencephalographs - Methods and means for verification., status: 1 CD
p 2: Electrocardioscopes - Metrological characteristics - Methods and means for verification., status: 1 CD
p 3: Digital electrocardiographs and electrocardioscopes - Metrological characteristics - Methods and means for verification., status: 2 CD
p 4: Revision R 90: Electrocardiographs including Test report format 'developed earlier)..., status: 2 CD
p 5: Analyzing electrocardiographs. Metrological requirements. Methods and means of verification., status: no document yet
p 6: Revision R 89: Electroencephalographs - Metrological characteristics - Methods and equipment for verification., status: 1 WD

TC 18/SC 5: Measuring instruments for medical laboratories

BIML contact: Ian Dunmill

Secretariat

Dr. Rainer Macdonald
PTB Berlin, Physikalisch-Technische Bundesanstalt
GERMANY
E-Mail: Rainer.Macdonald@ptb.de

P-Members (5)

AUSTRIA	GERMANY	RUSSIAN FEDERATION
SLOVAKIA	UNITED STATES	

O-Members (14)

AUSTRALIA	BELGIUM	BRAZIL
BULGARIA	CZECH REPUBLIC	FINLAND
JAPAN	NETHERLANDS	P.R. CHINA
POLAND	SERBIA	SLOVENIA
SPAIN	SRI LANKA	

Liaisons

WHO - Organisation Mondiale de la Santé	ISO - Organisation Internationale de Normalisation
IEC - Commission Electrotechnique Internationale	IFCC - International Federation of Clinical Chemistry

Publications

R 26 - 1978 : Medical syringes - Confirmed 31/10/1973 - Under revision
R 78 - 1989 : Westergren tubes for measurement of erythrocyte sedimentation rate - Confirmed 31/10/1989
R 135 - 2004 : Spectrophotometers for medical laboratories - Confirmed 31/10/2004

Projects

p 1: Electronic blood cell counting chambers., status: no document yet
p 4: Revision R 26: Medical syringes., status: 4 CD