

Assessment of OIML Activities

2003

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Assessment of OIML Activities

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1 OIML Member States and Corresponding Members

Member States:	60	(+2)
Corresponding Members:	49	(-2)
Total:	109	(=)

2 New and revised OIML Recommendations and Documents issued

New Recommendation issued:	1	R 134-1
Revised Recommendations issued:	2	R 49-1, R 84
Revised Basic Publication issued:	1	B 3 (ex. P 1)
Other Publications issued:	2	E 2, S 1

	2000	2001	2002	2003
Total number of Recommendations:	111	114	115	116
Total number of Documents:	26	27	27	27
Total number of other Vocabularies:	3	3	3	3
Total number of other Publications:	17	17	17	19

3 OIML Technical Committees and Subcommittees: Meetings and degree of participation of OIML Members

TC 12 (WG)	27–28 March 2003	Maastricht	15 P-Members present out of 23 + three O-Members
TC 3 & TC 3/SC 5 (MAA)	2–6 June 2003	Paris	CIML Members or representatives from 18 Member States
TC 8/SC 3	6–9 October 2003	Paris	17 P-Members present out of 26
TC 8/SC 4	6–9 October 2003	Paris	15 P-Members present out of 21 + two O-Members
TC 8/SC 5	9 October 2003	Brussels	10 P-Members present out of 23 + one O-Member
TC 8/SC 1	30–31 October 2003	Vienna	6 P-Members present out of 20 + one O-Member

4 Liaisons with other international and regional bodies

BIML representatives participated in the following meetings in 2003:

CIPM - ILAC - CIML	February	BIML	<i>Annual Joint Meeting</i>
JCGM	February & May	Sèvres	<i>WG2 Meeting</i>
WTO TBT Committee	March & July	Geneva	<i>Seminar and Committee Meeting</i>
WTO/OIML/IEC	April	Lima	<i>Seminar for Southern African Countries</i>
SADCMEC	April	Livingstone	<i>Committee Meeting</i>
WTO/OIML/IEC	May	Maputo	<i>Seminar for Southern African Countries</i>
WELMEC	May	Madrid	<i>Committee Meeting</i>
JCDCMAS	July	BIPM	<i>Joint Committee Meeting</i>
ILAC	September	Bratislava	<i>General Assembly</i>
ISO DEVCO	September	Buenos Aires	<i>Annual Meeting</i>
CGPM	October	Paris	<i>General Conference</i>
APLMF	November	Kyoto	<i>Committee Meeting</i>
UNIDO	December	Vienna	<i>Expert Group Meeting</i>

In addition, the CIML President, Vice-Presidents, Development Council Chairperson and certain CIML Members represented the OIML at meetings of:

APLMF - COOMET - EUROMET - ISO - SIM - WELMEC

Concerning various technical activities of ISO, IEC, CEN, CENELEC and the European Commission, OIML experts participated in meetings and/or reports were given for the following fields:

- Water meters
- Acoustic measurements
- Electromagnetic interference
- Draft European Directive on Measuring Instruments (MID)
- Electricity meters
- Vehicle exhaust gases

5 Degree of implementation of OIML Recommendations by OIML Members

An inquiry on the implementation of OIML Recommendations was made in 2000. In comparison with the previous inquiries made in 1992 and in 1996, the significant increase in the number of countries implementing individual Recommendations and in the degree of implementation ensured is represented in the histogram on the following page. Based on the inquiry, on additional information and on corrections received from Member States in 2001, the highest performing OIML Recommendations in 2001 were as in the table below.

R 76	Nonautomatic weighing instruments	<i>Implemented in 39 countries</i>
R 35	Material measures of length for general use	<i>Implemented in 33 countries</i>
R 111	Weights of classes E ₁ , E ₂ , F ₁ , F ₂ , M ₁ , M ₂ , M ₃	<i>Implemented in 33 countries</i>
R 50	Continuous totalizing automatic weighing instruments	<i>Implemented in 29 countries</i>
R 31	Diaphragm gas meters	<i>Implemented in 29 countries</i>
R 117	Measuring systems for liquids other than water	<i>Implemented in 29 countries</i>
R 51	Automatic catchweighing instruments	<i>Implemented in 28 countries</i>

A new inquiry on the implementation of OIML Recommendations by Member States and Corresponding Members is being carried out in 2004.

6 Categories of measuring instruments covered by the OIML Certificate System

37 categories of measuring instruments are covered by the following OIML Recommendations:

R 16-1 & R 16-2	R 85	R 110	R 127
R 31	R 88	R 112	R 128
R 50	R 93	R 113	R 129
R 51	R 97	R 114	R 130
R 58	R 98	R 115	R 131
R 60	R 102	R 116	R 132
R 61	R 104	R 117/R 118	R 133
R 65	R 105	R 122	
R 76	R 106	R 123	
R 84	R 107	R 126	

Total number of Recommendations applicable within the Certificate System	1998	1999	2000	2001	2002	2003
	25	28	31	34	38	39
		+ 12 %	+ 11 %	+ 10 %	+ 12 %	+ 2.6 %

7 Cumulative number of registered OIML Certificates (as at the end of 2003)

<i>Category:</i>	Nonautomatic weighing instruments (R 76)	542	≈ 45.5 %
	Load cells (R 60/1991 <i>Note: Certificates may no longer be issued</i>)	226	≈ 19.0 %
	Load cells (R 60/2000)	152	≈ 12.8 %
	Automatic catchweighing instruments (R 51)	97	≈ 8.1 %
	Automatic gravimetric filling instruments (R 61)	49	≈ 4.1 %
	Fuel dispensers for motor vehicles (R's 117/118)	44	≈ 3.7 %
	Gas meters (R 31)	22	≈ 1.8 %
	Automatic level gauges (R 85)	17	≈ 1.4 %
	Automatic weighing instruments (R 107)	9	≈ 0.8 %
	Continuous totalizing automatic weighing instruments (R 50)	10	≈ 0.8 %
	Direct mass flow measurement systems (R 106)	9	≈ 0.8 %
	Evidential breath analyzers (R 126)	1	≈ 0.1 %
	Clinical electrical thermometers (R 115)	1	≈ 0.1 %
	Multi-dimensional measuring instruments (R 129)	3	≈ 0.3 %
	Cumulative total, as at the end of 2003	1192	

Cumulative number of registered OIML Certificates					
1998	1999	2000	2001	2002	2003
452	582	736	879	1027	1192
	+ 29 %	+ 26 %	+ 19 %	+ 17 %	+ 16 %

316 manufacturers and applicants of measuring instruments from 34 countries have been granted OIML Certificates

8 Degree of acceptance of OIML Certificates by OIML Members

The latest inquiry on the acceptance of OIML Certificates by OIML Members was carried out by the BIML in 2000.

The next inquiry on the acceptance of OIML Certificates is being carried out in 2004 among Issuing Authorities, Member States, Corresponding Members and Manufacturers.

9 Distribution of the OIML Bulletin and revenue from the sale of OIML Publications

	2000	2001	2002	2003
Average number of Bulletins distributed quarterly	1100	1050	1038	1018
		- 4.5 %	- 1.1 %	- 1.9 %
... of which Bulletin subscribers	156	153	161	144
		- 1.9 %	+ 5.2 %	- 1.1 %
Sales of Publications (EUR)	32 626*	38 021*	41 500	25 130
		+ 16.5 %	+ 9.2 %	- 39.4 %

* Figures for 2000 and 2001 have been converted into Euros

10 Connections to and development of the OIML web site (www.oiml.org)

- 1998: 500 connections
- 1999: 1 000 connections
- 2000: 2 500 connections
- 2001: 2 500 connections
- 2002: 6 500 distinct visits / 34 500 pages viewed / 110 000 hits
- 2003: 3 725 distinct visits / 32 982 pages viewed / 124 000 hits

Note: All figures are per month

11 Activities in support of development

Main activities:

- OIML Development Council Meeting (1 November 2003, Kyoto) with 65 participants;
- Meeting of the OIML Development Council Task Group (4 November 2003, Kyoto);
- Development Council Task Group worked throughout year by electronic means;
- Follow-up of the existing work programs of the Development Council Working Groups;
- Began establishment of Permanent Working Group for Developing Countries;
- Participation in the Joint Committee on coordination of assistance to Developing Countries in Metrology, Accreditation and Standardization (JCDCMAS):
 - Meetings held in April 2003 (Vienna) and July 2003 (Sèvres);
 - Expert Group Meeting held in conjunction with UNIDO General Conference in December 2003 (Vienna);
 - Completion of WTO instigated database on technical assistance needs;
- Contacts with international organisations (WTO TBT Committee, ISO DEVCO, UNIDO, UN/ECE, etc.), and regional metrology and legal metrology organisations;
- Contacts with the bodies in a number of countries which provide assistance to developing countries (PTB Germany, NWML UK, SdM France, etc.);
- Ongoing participation in a PTB/UNIDO/OIML project in West Africa concerning the development of metrology in the region.