

Assessment of OIML Activities

2004

Contents

- 1 OIML Member States and Corresponding Members
- 2 New and revised OIML Recommendations, Documents and other Publications issued
- 3 OIML Technical Committees and Subcommittees: Meetings and degree of participation of OIML Members
- 4 Liaisons with other international and regional bodies
- 5 Degree of implementation of OIML Recommendations by OIML Members
- 6 Categories of measuring instruments covered by the OIML Certificate System
- 7 Cumulative number of registered OIML Certificates (as at the end of 2004)
- 8 Degree of acceptance of OIML Certificates by OIML Members
- 9 Distribution of the OIML Bulletin and revenue from sales of OIML Publications
- 10 Connections to and development of the OIML web site
- 11 Activities in support of development

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1 OIML Member States and Corresponding Members

Member States:	59	(- 1)
Corresponding Members:	50	(+ 1)
Total:	109	(=)

2 New and revised OIML Recommendations and Documents issued

New Recommendations issued:	2	R 134-2, R 135
Revised Recommendations issued:	5	R 48, R 49-2 & R 49-3, R 52, R 61-1 & R 61-2, R 87
Revised Documents issued:	3	D 8, D 11, D 14
Revised and new Basic Publications issued:	1	B 7, B 8, B 10-1 & B 10-2, B 11, B 12
Other Publications issued:	2	E 3, E 4

	2001	2002	2003	2004
Total number of Recommendations:	114	115	116	116
Total number of Documents:	27	27	27	27
Total number of Vocabularies:	3	3	3	3
Total number of Basic Publications:	-	-	-	12
Total number of other publications:	17	17	19	19

Note : In 2004 all OIML Publications other than R's and D's were reclassified

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

TC 12 (WG)	29-31 March 2004	Copenhagen	16 P-Members present out of 24 + three O-Members
TC 3/ SC 4	15-16 September 2004	Braunschweig	6 P-Members present out of 13
TC 8/SC 8	11 October 2004	Dordrecht	9 P-Members present out of 21 + two O-Members
TC 8/SC 5	5 October 2004	Paris	11 P-Members present out of 23
TC 17/SC 8 (WG)	25-26 May 2004	Sydney	4 P-Members present out of 10
TC 17/SC 1	20-21 September 2004	Paris	5 P-Members present out of 14

4 Liaisons with other international and regional bodies

BIML representatives participated in the following meetings in 2004:

CIPM - ILAC - OIML	March	BIPM	Annual Joint Meeting
JCDCMAS	March	Geneva	Joint Committee Meeting
WTO TBT Committee	March & November	Geneva	Seminar & Committee Meeting
SADCMEI	April	Mauritius	Committee Meeting
COOMET	May	Varna	Committee Meeting
WELMEC	May	Bratislava	Committee Meeting
EMLMF	June	Malta	Committee Meeting + Legal Metrology Seminar
PTB Workshop	June	Ouagadougou	West Africa Workshop
China Metrology Forum	July	Boao	First Metrology Forum
NCSLI	July	Salt Lake City	Annual Metrology Conference
ISO DEVCO	September	Geneva	Annual Meeting
ISO CASCO	November	Amsterdam	Annual Meeting
UN-ECE WG6	November	Geneva	Annual Meeting

In addition, the OIML President, Vice-President and certain OIML Members represented the OIML at meetings of:

APLMF - EMLMF - EUROMET - ILAC - ISO - SIM - WELMEC

Concerning the 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
- Petroleum products
- Electricity meters
- Vehicle exhaust gases

5 Degree of implementation of OIML Recommendations by OIML Members

An inquiry on the implementation of OIML Recommendations was carried out in 2000. In comparison with the previous inquiries (in 1992 and 1996) there was a significant increase in the number of countries implementing individual Recommendations and in the degree of their implementation by individual OIML Members. Based on the inquiry, on additional information and on corrections received from Member States in 2001, the highest performing OIML Recommendations in 2001 were:

R 76, R 35, R 111, R 50, R 31, R 117 and R 51.

A new inquiry on the implementation of OIML Recommendations by Member States and Corresponding Members was carried out in 2004. Unfortunately, replies were only received from 28 Member States which is insufficient to be able to compare results of the degree of implementation of the Recommendations.

6 Categories of measuring instruments covered by the OIML Certificate System

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

R 16-1 & R 16-2	R 84	R 107	R 126
R 31	R 85	R 110	R 127
R 49	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 134
R 76	R 106	R 123	R 135

Total number of Recommendations applicable within the Certificate System	1999	2000	2001	2002	2003	2004
	28	31	34	38	39	42
		+ 11 %	+ 10 %	+ 12 %	+ 2.6 %	+ 7.7 %

7 Cumulative number of registered OIML Certificates (as at the end of 2004)

<i>Category:</i>	Nonautomatic weighing instruments (R 76)	615	≈ 46.2 %
	Load cells (R 60/1991 <i>Note: Certificates may no longer be issued</i>)	226	≈ 17.0 %
	Load cells (R 60/2000)	186	≈ 14.0 %
	Automatic catchweighing instruments (R 51)	110	≈ 8.2 %
	Automatic gravimetric filling instruments (R 61)	56	≈ 4.2 %
	Fuel dispensers for motor vehicles (R's 117/118)	47	≈ 3.5 %
	Gas meters (R 31)	24	≈ 1.8 %
	Automatic level gauges (R 85)	24	≈ 1.8 %
	Automatic weighing instruments (R 107)	12	≈ 0.9 %
	Continuous totalizing automatic weighing instruments (R 50)	10	≈ 0.7 %
	Direct mass flow measurement systems (R 106)	9	≈ 0.7 %
	Evidential breath analyzers (R 126)	1	≈ 0.1 %
	Clinical electrical thermometers (R 115)	1	≈ 0.1 %
	Multi-dimensional measuring instruments (R 129)	11	≈ 0.8 %
	Cumulative total, as at the end of 2004	1331	

Cumulative number of registered OIML Certificates					
1999	2000	2001	2002	2003	2004
582	736	881	1030	1198	1331
	+ 26 %	+ 20 %	+ 17 %	+ 16 %	+ 11 %

360 manufacturers and applicants of measuring instruments from 40 countries have been granted OIML Certificates

8 Degree of acceptance of OIML Certificates by OIML Members

The most recent inquiry on the acceptance of OIML Certificates by OIML Members was carried out by the BIML in 2004 among Issuing Authorities, Member States, Corresponding Members and Manufacturers.

Replies from 26 Member States and five Corresponding Members showed an increase in the voluntary utilization of OIML Certificates for issuing National Type Approvals (11 Member States indicated that they had issued over 330 National Type Approvals for 11 categories of measuring instruments over the past 4-year period utilizing OIML Certificates).

Replies from 48 Manufacturers (15 % of all applicants having received OIML Certificates) showed a good level of Manufacturer satisfaction and an increasing degree of acceptance and/or taking into consideration of OIML Certificates by Member States and Corresponding Members. Those Manufacturers that replied indicated that over 190 Certificates were accepted and over 260 were taken into consideration for issuing National Type Approvals).

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

	2001	2002	2003	2004
Average number of Bulletins distributed quarterly	1050	1038	1018	998
		- 1.1 %	- 1.9 %	- 2.0 %
... of which Bulletin subscribers	153	161	144	140
		+ 5.2 %	- 10.6 %	- 2.7 %
Sales of Publications (EUR)	38 021*	41 500	25 130	16 460**
		+ 9.2 %	- 39.4 %	- 34.5 %

* The figure for 2001 has been converted into Euros

** In November 2004 all OIML Publications were made free of charge

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

- 2002: 251 736 pages viewed
- 2003: 380 868 pages viewed
- 2004: 550 165 pages viewed

Note: All figures are per year

11 Activities in support of development

Main activities:

- Forum: Metrology – Trade facilitator? (24 October 2004, Berlin) with 150 participants and associated poster session presenting around 60 posters of metrology needs and offers of assistance;
- OIML Development Council Meeting (25 October 2004, Berlin) with 67 participants;
- OIML Permanent Working Group on Developing Countries (PWGDC) – meetings held:
 - 26 March 2004, Geneva (working group only) – planning activities and Forum;
 - 24 October 2004, Berlin – planning of 2004/5 work program;
 - 27 October 2004, Berlin – finalization of 2004/5 work program;
- Participation in the Joint Committee on coordination of assistance to Developing Countries in Metrology, Accreditation and Standardization (JCDCMAS) meeting 26 March 2004, Geneva;
- Contacts with international organizations (WTO TBT Committee, ISO DEVCO, UNIDO, etc.), and regional metrology and legal metrology organizations;
- 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 and participation in a planning workshop held from 15-18 June 2004, Ouagadougou