

Assessment of OIML Activities

2000

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Assessment of OIML Activities

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1 OIML Member States and Corresponding Members

Member States:	57		
Corresponding Members:	51	(+3)	Benin, Cambodia, Malta
Total:	108	(+ 3)	

2 New and revised OIML Recommendations, Documents and other Publications issued

New Recommendations issued:	2	R 128, R 129
Revised Recommendations issued:	3	R 49-1, R 60, R 65
Revised Vocabulary issued:	1	VIML
Joint ISO-OIML Standard/ Recommendation issued:	1	ISO 3930/OIML R 99

	1998	1999	2000
Total number of Recommendations:	108	108	111
Total number of Documents:	25	26	26
Total number of other Vocabularies:	3	3	3
Total number of other Publications:	17	17	17

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

TC 3/SC 5	27–29 June 2000	Paris	15 P-members present out of 23
TC 6	24–25 February 2000	Paris	16 P-members present out of 24
TC 8/SC 3	14–16 February 2000	Paris	14 P-members present out of 25
TC 8/SC 4	15–17 February 2000	Paris	14 P-members present out of 22
TC 8/SC 5	8–10 November 2000	Paris	12 P-members present out of 25
TC 8/SC 5 (WG 2)	8–10 February 2000	Paris	7 P-members of WG 2 present
TC 8/SC 7	20–24 March 2000	Paris	13 P-members present out of 20
TC 9/SC 2	8–9 June 2000	Teddington	8 P-members present out of 23
TC 12 (WG)	26 October 2000	Braunschweig	8 P-members of the WG present

4 Liaisons with other international and regional bodies

BIML representatives participated in the following meetings in 2000:

JCGM	7–10 March & 12–16 November	Sèvres	WG 1 & WG 2 Meetings
European Commission	22 March & 8 June	Brussels	Meetings on the MID
SADC MEL	10 April	Botswana	Committee Meeting
WELMEC	8–9 June	Moss	Committee Meeting
WTO TBT Committee	19–20 July	Geneva	Seminar and Committee Meeting
ISO/DEVCO & CASCO	25–27 September	Milan	Annual Meetings & Workshop
ILAC	1–4 November	Washington D.C.	General Assembly
UN/ECE	6–8 November	Geneva	Working Party Meeting

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

APLMF - COOMET - EUROMET - ISO - SIM

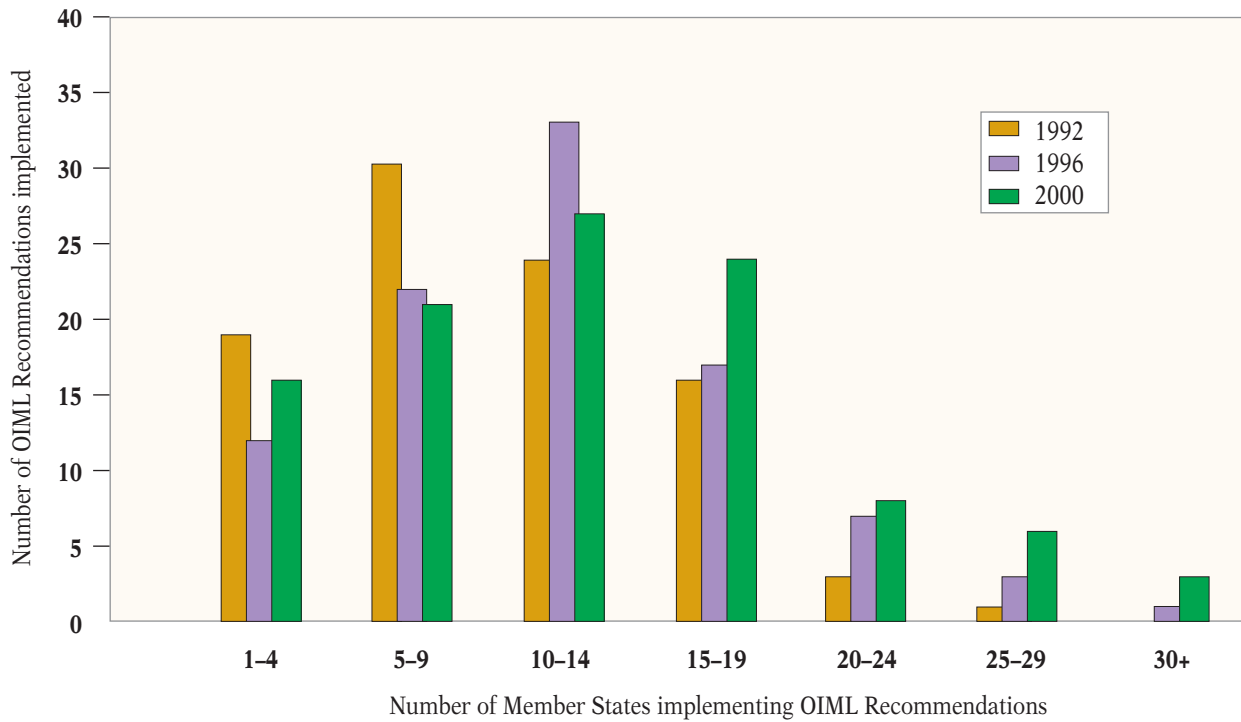
Concerning various technical activities of ISO, IEC, CEN, CENELEC and the European Commission, OIML experts participated in meetings and/or reports were given for the following fields:

- Water meters
- Draft European Directive on Measuring Instruments (MID); WELMEC WG 8
- Acoustic measurements
- Electromagnetic interference
- Vehicle exhaust emissions

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, and the highest performing OIML Recommendations in 2000 were as in the table below:

R 76	Nonautomatic weighing instruments	Implemented in 38 countries
R 35	Material measures of length for general use	Implemented in 32 countries
R 111	Weights of classes E ₁ , E ₂ , F ₁ , F ₂ , M ₁ , M ₂ , M ₃	Implemented in 30 countries
R 50	Continuous totalizing automatic weighing instruments	Implemented in 27 countries
R 31	Diaphragm gas meters	Implemented in 26 countries
R 117	Measuring systems for liquids other than water	Implemented in 26 countries



Histogram showing the degree of implementation of OIML Recommendations in force in 1992, 1996 and 2000

6 Categories of measuring instruments covered by the OIML Certificate System

Thirty-one categories of measuring instruments are covered by the following OIML Recommendations:

R 31	R 85	R 106	R 117/118
R 50	R 88	R 107	R 122
R 51	R 93	R 110	R 123
R 58	R 97	R 112	R 126
R 60	R 98	R 113	R 127
R 61	R 102	R 114	R 128
R 65	R 104	R 115	R 129
R 76	R 105	R 116	

Total number of categories	1996	1997	1998	1999	2000
	16	21	25	28	31
		+ 31 %	+ 19 %	+ 12 %	+ 11 %

7 Cumulative number of registered OIML certificates (as at the end of 2000)

Category:	Nonautomatic weighing instruments (R 76)	331	≈	45.0 %
	Load cells (R 60/1991)	225	≈	30.6 %
	Automatic catchweighing instruments (R 51)	60	≈	8.1 %
	Automatic gravimetric filling instruments (R 61)	33	≈	4.5 %
	Fuel dispensers for motor vehicles (R's 117/118)	27	≈	3.7 %
	Load cells (R 60/2000)	22	≈	3.0 %
	Gas meters (R 31)	15	≈	2.0 %
	Automatic weighing instruments (R 107)	7	≈	1.0 %
	Continuous totalizing automatic weighing instruments (R 50)	7	≈	1.0 %
	Automatic level gauges (R 85)	4	≈	0.5 %
	Direct mass flow measurement systems (R 106)	3	≈	0.4 %
	Evidential breath analyzers (R 126)	1	≈	0.1 %
	Clinical electrical thermometers (R 115)	1	≈	0.1 %
	Cumulative total, as at the end of 2000	736		

Cumulative number of registered certificates

1996	1997	1998	1999	2000
226	318	452	582	736
	+ 40 %	+ 42 %	+ 29 %	+ 26 %

8 Degree of acceptance of OIML certificates by OIML Members

An inquiry was carried out by the BIML in 2000. Forty-two countries sent responses and the results can be summarized as follows:

- More than 190 certificates were accepted and more than 260 were taken into consideration to facilitate the process of national type evaluation and approval;
- Certificates were accepted by 10 Member States and 3 Corresponding Members;
- Certificates were taken into consideration by 18 Member States and 4 Corresponding Members;
- 209 manufacturers and applicants of measuring instruments from 31 countries were granted OIML certificates.

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

	1997	1998	1999	2000
Average number of Bulletins distributed quarterly	1039	1039	1044	1100
		=	+ 0.5 %	+ 5.4 %
... of which Bulletin subscribers	172	170	163	156
		- 1.1 %	- 4.1 %	- 4.3 %
Sales of Publications (FRF)	195 668	160 930	187 272	214 010
		- 18 %	+ 16.4 %	+ 14.2 %

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

- 1998: average 500 connections per month
- 1999: average 1 000 connections per month
- 2000: average 2 500 connections per month

The site is regularly updated and there is now a Members Area with information on OIML events, deadlines for replies, etc.

Most customers now place orders via the form on the web site and secure online payment methods are being investigated.

11 Activities in support of development

Main activities:

- OIML Development Council Meeting (11 October 2000, London) with 74 participants;
- Increased activity in the Development Council working groups, following their new terms of reference and work programs;
- Contacts with international organizations (such as ISO DEVCO, UNIDO, UN/ECE, IMEKO, WTO TBT Committee, etc.), regional metrology and legal metrology organizations and with the national legal metrology institutes of a number of developing countries;
- Participation in a joint UNIDO - PTB - OIML project involving least-developed countries in Africa;
- Improvement in the Development Council section of the OIML web site;
- Increased participation by developing countries in the work of OIML technical committees and subcommittees;
- Establishment of a list of OIML Experts in legal and scientific metrology;
- Establishment of a list of metrology training courses in Member States;