BUSINESS PLAN

CENELEC/TC: TC 108X

Secretariat: Germany
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Please ensure this form is annexed to the TC Report to the CENELEC Technical Board if it has been prepared during a meeting, or sent to CCMC promptly after its contents have been agreed by the Committee by correspondence.

TC or SC title: Safety of electronic equipment within the fields of Audio/Video, Information Technology and Communication Technology

A Background

TC 108X was established end 2002 and had its first meeting February 2003. The establishment of TC 108X marked the merger of TC 74, covering processing equipment and office machines, and TC 92, covering electronic equipment for household and similar use.
TC 108X answers to the need of harmonizing the safety requirements of information technology products and those of the home and entertainment products.

B Business Environment

B.1 General

While EN 60065 and EN 60950 series remain amongst the most widely used of all EN standards,
EN 62368-1 will eventually supersede both of those standards. TC 108X ensures that any deviation from the equivalent IEC standards, such as common modifications, special national conditions and A-deviations, is only in response to a clear and justifiable European need, such as European and national legislative needs. TC 108X also develops its own standards when a justified, particular need is identified by its members or through a mandate from the European Commission.

B.2 Market demand

Among the users of TC 108X standards are:

- manufacturers,

- test houses,

- market authorities,

- legislators,

- other CENELEC TCs and

- other standardization organizations.

TC 108X has good representation from or liaisons with each of these groups to provide the necessary balance to the deliberations.
TC 108X has among its cooperating partners representatives from industry associations, such as DigitalEurope and ECMA. and societal associations such as ANEC and ECOS. TC 108X has a liaison with ETSI and with several CENELEC TCs.

B.3 Trends in technology

The work of TC 108X is driven by the ever-increasing merge of the functions of information technology products with those of the home and professional entertainment products. This creates a growing need to consider the harmonization of the safety requirements of these products.

B.4 Market trends
Technology in the area of A/V products and ICT equipment is changing with a constantly increasing speed. Therefore, TC 108X is paving the way for adopting European standards that are more technology independent than current typical safety standards. These new standards are "hazard based".

B.5 Ecological environment
Concerning the increasing significance of environmental and human health issues, TC 108X is cognizant of this and the need to incorporate such considerations into its work. From a safety point of view, it takes these into account in line with the EU Treaty (article 191). Until 2012, TC 108X took specifically responsibility for environmental aspects, such as eco-design of products, which has now been transferred to TC 100X.

B.6 Involvement of societal stakeholders
TC 108X has among its cooperating partners representatives from ANEC, representing consumers, and from ECOS, representing environmental interests.

B.7 Involvement of SMEs
SMEs participate to the work of TC 108X. They participate through to the national committees. This participation consists of being a delegate at TC meetings, being a technical expert in TC 108X working groups or being a participant to the national committee.

C System approach aspects
The customers of TC 108X standards are manufacturers, test houses and Regulatory Authorities responsible for safety. The customers of the products designed and manufactured to TC 108X standards are consumers and businesses who purchase the products. Consequently to ensure that Regulatory Authorities responsible for safety have confidence in using TC 108X standards in their regulations and to ensure the safety of consumers and businesses who use the products designed and manufactured to TC 108X standards, all components used in appliances must be such that they do not compromise the ability of the appliance to meet the requirements of the appliance standard when incorporated as specified by the appliance manufacturer. TC 108X is, in terms of the system approach to standardization, a customer committee of the following component committees:

SR 10 Fluids for electrotechnical applications

TC 14 Power transformers

TC 20 Electric cables

TC 21X Secondary cells and batteries

TC 22X Power electronics

TC 23E Circuit-breakers and similar equipment for household use

SR 23 Electrical accessories

SR 23G Appliance couplers

TC 23H Plugs, Socket-outlets and Couplers for industrial and similar applications, and for Electric Vehicles

SR 23J Switches for appliances

SR 32C Miniature fuses

SR 33 Power capacitors

SR 35 Primary cells and batteries

TC 37A Low-voltage surge protective devices

SR 37B Components for low-voltage surge protection

SR 40 Capacitors and resistors for electronic equipment

TC 40XA Capacitors and EMI suppression components

TC 40XB Resistors

SR 47E Discrete semiconductor devices

SR 48B Electrical connectors

TC 55 Winding wires

TC 72 Automatic electrical controls

TC 94 All-or-nothing electrical relays

SR 96 Transformers, reactors, power supply units, and combinations thereof

SR 110 Flat panel display devices

SR 112 Evaluation and qualification of electrical insulating materials and systems

TC 121A Low-voltage switchgear and controlgear

D Objectives and strategies (3 to 5 years)
TC 108X looks to the future with the following objectives:
1. Continue to ensure that any deviation from the IEC standards, such as common modifications, special national conditions and A-deviations, is only in response to a clear and justifiable European need.
2. To respond to particular European needs, such as mandates coming from the European Commission, developing own standards and to align with European Commission requirements for harmonised standards through consultation with appointed ‚HAS' consultants.

E Action plan
For the items outlined in D above, TC 108X will:

For D1:
- Continue the maintenance of the EN 62368 series of standards;

- Maintain EN 50332-series to finalize the execution of the mandate regarding sound pressure;

- Maintain EN 50514.

-For D.2:
Follow closely the developments regarding the alignment of the LVD and the RED with the NLF and the accompanying standardization mandate and establish a specialised WG to interface with the European Commission's consultants for harmonisation of standards.

F Useful links to CENELEC web site
TC home page giving access to Membership, TC/SC Officers, Scope, Publications, Work programme [password-protected area].