ANNUAL REPORT 2024

NSAI TECHNICAL COMMITTEES (TC12 "ELECTRONIC COMMUNICATION SYSTEMS")

Contents

1 Chairperson's Statement

2024 built on previously productive years for NSAI/ETC/TC 12, with two well attended meetings taking place with lively discussions on many points.

The committee remains focussed on participating in the work of IEC TC 46, TC 86 and TC 100, and CLC TC 100X and increasing representation from Irish stakeholders in these areas.

Thank you to the committee members and NSAI secretary for their contributions and participation in 2024.

2 Introduction

NSAI/ETC/TC 12 was established over 30 years ago as an ETCI sub-committee, to coordinate the national input to the work of IEC and CENELEC.

ETC/TC 12 monitors and participates in the work of International committees IEC/TC 46, IEC/TC 86, and IEC/TC 100, and the European committee CLC/TC 100X.

Nationally, the Industries and sectors serviced by NSAI/ETC/TC 12 are Manufacturers, distributers and users of data cables, waveguides, RF connectors, microwave passive components, fibre optic cables, audio, video and multimedia equipment and systems.

3 Scope of TC

NSAI/ETC/TC 12 is responsible for co-ordinating standards development in the area of electronic communication systems. It monitors and participates in the international work of IEC/TC 46 (Cables, wires, waveguides, R.F. connectors, R.F. and microwave passive components and accessories), IEC/TC 86 (Fibre optics) and IEC/TC 100 (Audio, video and multimedia systems and equipment).

The work of IEC/TC 100 covers a wide area of technology including specifications for the performance, methods of measurement, application and interoperability of consumer and professional AV and multimedia systems and equipment.

The work of TC 12 assists in the development of European Standards (EN), which in turn are transposed into voluntary Irish Standards (I.S. EN).

The committee mirrors the following international committees:

Committee Name	Committee Title	Membership
IEC/TC 46	Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories	O-Member
IEC/TC 86	Fibre optics	O-Member
IEC/TC 100	Audio, video and multimedia systems and equipment	P-Member

In addition to the above the committee also actively monitors the work of CLC/TC 100X.

4 Structure and Membership

4.1 Structure

The Figure below illustrates the structure of the Committee:
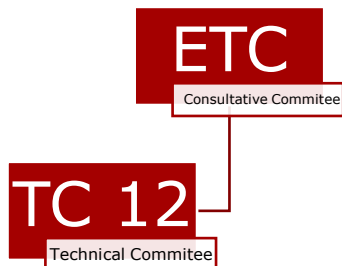
4.2 Membership

The following organisations are represented on the committee:

Organisation	Role
Apple	Committee Member
Apple	Committee Member
Apple	Committee Member
Apple	Committee Member
Dell	Committee Member
Arqkos	Committee Member
NSAI	National Secretary

Note: Independent expert participants on ETC/TC 12 are not listed above. For more information contact NSAI

5 Summary of 2024 Activities

The committee met twice in 2024 virtually over MS teams.

5.1 National

5.1.1 Meetings

Committee members attended the following national meetings in NSAI as follows:

Date	Minutes Reference
12th April	**N679**
17th October	**N681**

5.2 International/Regional

5.2.1 Meetings

Committee members did not attend any international CENELEC (CLC) and IEC meetings in 2024. CLC/TC 100X did not meet in 2024. The IEC/TC 100 plenary took place in Japan.

5.2.2 International/Regional Work

NSAI/ETC/TC 12 monitors the work of IEC/TC 46, IEC/TC 86, and IEC/TC 100 and CLC/TC 100X.

5.2.3 International/Regional Standards Reviewed

No documents were reviewed in 2024.

5.2.4 International/Regional Voting

IEC/TC 100: Ireland voted on all documents closed in 2024 with 100% overall voting record.

CLC/TC 100X: Ireland voted on all documents closed in 2024 with 100% overall voting record.

NSAI/ETC/TC 12 actively voted on the following ballots;

Committee	Vote Reference	Decision
IEC/TC 100/TA 15	100/4122/CDV	Approve
IEC/TC 100	100/4123/CDV	Approve
IEC/TC 100	100/4124/CDV	Approve
IEC/TC 100	100/4125/CDV	Approve
IEC/TC 100	100/4126/CDV	Approve
IEC/TC 100	100/4127/CDV	Approve
IEC/TC 100	100/4128/CDV	Approve
IEC/TC 100	100/4129/CDV	Approve
IEC/TC 100	100/4130/CDV	Approve
IEC/TC 100	100/4131/CDV	Approve
IEC/TC 100	100/4132/CDV	Approve
CLC/TC 100X	prEN IEC 63563-10:2024	Approve
CLC/TC 100x	prEN IEC 63563-11:2024	Approve
CLC/TC 100x	prEN IEC 63563-1:2024	Approve
CLC/TC 100x	prEN IEC 63563-2:2024	Approve
CLC/TC 100x	prEN IEC 63563-2:2024	Approve
CLC/TC 100x	prEN IEC 63563-3:2024	Approve
CLC/TC 100x	prEN IEC 63563-4:2024	Approve
CLC/TC 100x	prEN IEC 63563-5:2024	Approve
CLC/TC 100x	prEN IEC 63563-6:2024	Approve
CLC/TC 100x	prEN IEC 63563-7:2024	Approve
CLC/TC 100x	prEN IEC 63563-8:2024	Approve

5.3 Regulatory development/update

While the primary focus of NSAI/ETC/TC 12 is on international standards development, the committee is aware of a number of pieces of new legislation relevant to the work of the committee, these include;

- Ecodesign for Sustainable Products Regulation;
- A.I. Act;
- Cyber Resilience Act; and
- General Product Safety Regulation.

6 Irish Publications/Reviews

6.1 Publications

The Committee did not publish any deliverables this year.

6.2 Reviews

There are no existing national publications, so no reviews were carried out in 2024.

7 Work programme for 2025 onwards

The committee will continue to meet twice annually and recognises the need to recruit new committee members to ensure levels of engagement with IEC and CENELEC can be maintained and increased.