



NSAI

ANNUAL REPORT 2022

**NSAI TECHNICAL COMMITTEES
(TC12 "ELECTRONIC
COMMUNICATION SYSTEMS")**

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1 Chairperson's Statement

Welcome to the 2022 annual report for NSAI/ETC/TC 12 – Electronic communication systems. The committee met twice in 2022 and welcomed some new members. The committee remains focussed on participating in the work of IEC TC 46, TC 86 and TC 100.

Thanks to the committee members for taking time to participate in 2022, and our secretary for organising meetings during the year.

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 IEC/TC 46, IEC/TC 86, and IEC/TC 100. In 2022 ETC/TC 12 began a watching brief of CLC/TC 100X.

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

The industry currently has 3 experts involved in international work.

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:

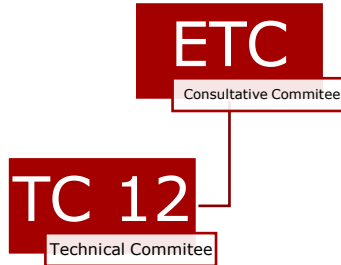
Committee Name	Committee Title	Membership
IEC/TC 46	Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories	O-Member
IEC/TC 86	Fibre optics	O-Member
IEC/TC 100	Audio, video and multimedia systems and equipment	P-Member

In 2022 the committee also took a watching brief on CLC/TC 100X, although does not yet officially mirror that committee.

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

The committee welcomed 1 new member in 2022.

5 Summary of 2022 Activities

5.1 National

5.1.1 Meetings

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

Date	Minutes Reference
24th June	N670
14th October	N673

5.2 International/Regional

5.2.1 Meetings

Committee members did not attend any international or regional meetings in 2022

5.2.2 International/Regional Work

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

In 2022 the committee began a watching brief of CLC/TC 100X in anticipation of the forthcoming Ecodesign for sustainable products regulation.

5.2.3 International/Regional Standards Reviewed

No documents were reviewed in 2022.

5.2.4 International/Regional Voting

IEC/TC 100: Ireland voted on 28 documents closed in 2022 with 100% overall voting record.

5.3 Regulatory development/update

NSAI/ETC/TC 12 should remain aware of the proposed Ecodesign for Sustainable Products Regulation. The proposal was published in March 2022.

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 2022.

7 Work programme for 2023 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 can be maintained and increased.