



NSAI

ANNUAL REPORT 2021

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

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1 Chairperson's Statement

Welcome to the 2021 annual report for NSAI/ETC/TC 12 – Electronic communication systems. The committee met for the first time since 2016 in 2021 and welcomed some new members. Special thanks to the committee secretary for seeking out new members for the committee and 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.

2021 saw the re-establishment of NSAI/ETC/TC 12, having been inactive since 2016. Two committee meetings took place in 2021, which were the first meetings of the committee under NSAI since the wind up of ETCI.

Currently, ETC/TC 12 monitors and participates in the work of IEC/TC 46, IEC/TC 86, and IEC/TC 100.

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).

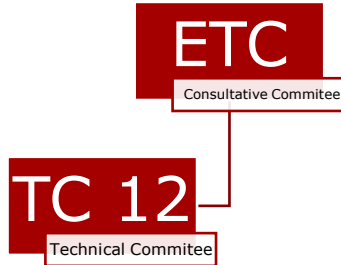
The committee mirrors the following international committees:

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

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
Dell	Committee Member
Arqkos	Committee Member
NSAI	National Secretary

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

The committee welcomed three new members in 2021, representing Apple and Arqkos.

5 Summary of 2021 Activities

5.1 National

5.1.1 Meetings

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

Date	Minutes Reference
17th May	N664
18th October	N666

5.2 International/Regional

5.2.1 Meetings

Committee members did not attend any international or regional meetings in 2021

5.2.2 International/Regional Work

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

5.2.3 International/Regional Standards Reviewed

No documents were reviewed in 2021.

5.2.4 International/Regional Voting Results

The committee advised NSAI on the following national positions;

Committee	Vote reference	Decision
IEC/TC 100	100/3583/CDV	Approve
CLC/TC 100X	prEN IEC 62623:2021	Approve
IEC/TC 100	100/3615/CDV	Disapprove
CLC/TC 100X	prEN IEC 63245-2:2021	Disapprove

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 2021.

7 Work programme for 2022 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.