Annual Report 2019
NSAI ETC TC 13

National Standards Authority of Ireland (NSAI)
Electrotechnical Committee (ETC) Technical Committee (TC) 13

Alarm Systems

1. Scope

To prepare European standards in the field of alarm and intruder systems.

Alarm systems encompasses detection, signalling, and monitoring systems for the protection of persons and property, including elements used in such systems. The scope includes in particular intruder and hold-up alarm systems, access control systems, periphery protection systems, combined alarm and fire alarm systems, social alarm systems, CCTV systems, and other monitoring and surveillance systems related to security applications, as well as associated and dedicated transmission and communication systems. The Technical Specifications and Standards also detail methods and tests for compatibility assessment of system components.

Standards are available from www.standards.ie.

1.1. International TCs Mirrored

These are the following committees mirrored in full or in part by the TC:

- CENELEC TC 79: Alarm systems
- IEC TC 79: Alarm and electronic security systems

1.2. Irish Industry/Sector

This TC serves the sector of Electronic security, encompassing installers, manufacturers, and monitoring centres, and including the interests of the insurance and risk management industry, the banking sector, service providers, police, and the national regulator for the security industry as well as the private security industry.

2. Review of the Year 2019

The Committee met twice in 2019 and a number of the committee members attend WG 01 and WG 03 meetings throughout the year. During 2019 the committee met in April and November.

The next CLC TC79 Plenary Meeting will take place in Frankfurt, Germany in October 2020.

The Standard Recommendations S.R. 40 (Electronic Security Services - Intruder alarm, access control and CCTV systems) and S.R. 41 (Electronic Security Services - Remote services) have now been withdrawn as these have been replaced by documents produced by the PSA (Private Security Authority) as follows:

- S.R. 40 has now been replaced by PSA Licensing Requirements Security Service Providers (PSA74:2018).
- S.R. 41 has now been replaced by PSA Licensing Requirements CCTV Monitoring and Alarm Monitoring Centres (PSA33:2014).

3. NSAI ETC TC 13 Membership 2019

The list of current committee members is below. The committee had some changes to the membership during the year with some members retiring and being replaced by some new ones. Overall the number of members participating in the work of the committee has increased.

Name	Organisation represented	Role
Michael Bergin	HKC	National chairperson
Noleen Campbell	NSAI	National secretary
Paddy Andrews	Irish Security Industry Association	National committee member
John Crosse	Garda National Crime Prevention Unit (GNCPU)	National committee member
Ray Green	Association of Irish Risk Management	National committee member
Andrew Kelly	Vanderbilt Industries	National committee member
Gerry O'Connor	Bank of Ireland	National committee member
Brian O'Neill	Unified Technology Solutions	National committee member
New members		
Siobhan Cleary	Private Security Authority	National committee member
Andrew Daly	EQA	National committee member
Retired members		
Colin Murphy	Private Security Authority	National committee member

4. International Meetings

Committee members attended international CENELEC (CLC) and IEC meetings as follows:

Committee Name	Location	Date	Name of Attendee
CLC/TC 79/WG 1	London, UK	15-16 Jan 2019	Andrew Kelly, Paddy Andrews
CLC/TC 79/WG 1	Cologne, Germany	10-11 April 2019	Paddy Andrews
CLC/TC 79/WG 3	Delft, Netherlands	12-13 Feb 2019	Michael Bergin
CLC/TC 79/WG 3	Munich, Germany	21-22 May 2019	Michael Bergin
CLC/TC 79/WG 3	Frankfurt, Germany	26-27 Nov 2019	Michael Bergin

5. National Meetings

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

Meeting No.	Date	Minutes Reference
1	24 Apr 2019	N0809
2	20 Nov 2019	N0822

6. Programme for Coming Year 2020

The committee will be focusing on three standards that are due for review:

EN 50131-3:2009 Alarm systems - Intrusion and hold-up systems - Part 3: Control and indicating equipment.

EN 50131-10:2014 Alarm systems - Intrusion and hold-up systems - Part 10: Application specific requirements for Supervised Premises Transceiver (SPT).

EN 50136-3:2013 Alarm systems – Alarm transmission systems and equipment - Part 3: Requirements for Receiving Centre Transceiver (RCT).

Also, with the imminent publication of EN 50131-1:2006/A3:2020 Alarm systems - Intrusion and hold-up systems - Part 1: System requirements, CLC/TC 79/WG1 will start work on a new revision of the standard.

Finally, CLC/TC 79/WG 11 will start work on EN 50131-5-3:2017 Alarm systems - Intrusion systems - Part 5-3: Requirements for interconnections equipment using radio frequency techniques about modernising the standard to remove frequency restrictions.

It is intended to hold at least two committee meetings during 2020 similar to 2019.

The next plenary meeting of CLC TC 79 to be held in Frankfurt, Germany in October 2020 shall also be attended and it is planned to attend WG 1 " Intruder & hold-up alarm systems" and WG 3 " Control & indicating equipment, power supply for intruder alarm systems" meetings whenever possible.

7. Additional Information

Areas being worked on by members include:

Standard Recommendation S.R. 25 (Alarm Handling and Verification)

Standard Recommendation S.R. 45 (Remote monitoring of CCTV systems)

European Standard EN 50131-1 (Alarm Systems - System Requirements)

European Standard EN 50131-3 (Alarm Systems – Control and Indicating Equipment)

European Standard EN 50131-5-3 (Equipment using RF Techniques)

European Standard EN 50131-6 (Alarm Systems – Power Supplies)

European Standard EN 50518 suite (Monitoring and Alarm Receiving Centre)