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ANNEX

ANNEX

to the

Proposal for a REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

establishing the European Union Critical Communication System (EUCCS)

{SEC(2026) 1010 final} - {SWD(2026) 1010 final} - {SWD(2026) 1011 final}

Annex

The following operational and technical requirements shall apply for initial, advanced and optimal maturity levels:

Maturity levels	**Operational and technical requirements**
Initial maturity level	1. **Users:** More than 50% of the total number of users of critical communication defined by a Member State are connected to and using the Member State critical communication broadband system. 2. **User services:** Use of mission-critical compliant applications, services and devices, with focus on information exchange and shared situational awareness. 3. **Coverage:** Mobile networks cover at least 70% of the Member State's land territory. Rapidly deployable communication tools and systems are deployed within three days. 4. **Operations:** Information exchange and shared situational awareness for operations. 5. **Resilience:** 8 hours backup power for the radio access network and redundant backhaul. 6. **Security:** Standardised protocols and cryptographic security. 7. **Spectrum:** Shared spectrum with mission-critical users having priority. 8. **Devices:** Fit-for-purpose, including quality of service, priority and pre-emption.
Advanced maturity level	1. **Users:** All users of critical communication defined by a Member States use the Member State system. 2. **User services:** Use of mission-critical specific applications. 3. **Coverage:** Mobile networks cover at least 80% of the Member State's land territory. (1) Rapidly deployable communication tools and systems are deployed within two days. (2) Satellite direct to device communication is integrated in the Member State's system. 4. **Operations:** Response enhanced by AI decision support and automatic language translation tools. 5. **Resilience:** Advanced backup power. 6. **Security:** Advanced, including post-quantum cryptography. 7. **Spectrum:** Shared spectrum with mission-critical users having priority. 8. **Devices** with new functionalities, for example with augmented and virtual reality.

	9. **Supply chain:** Use of a trusted ICT supply chain.
Optimum maturity level	1. **Users:** All users of critical communication use the Member State system. 2. **User services:** Use of evolved applications, using innovative devices beyond smartphones. 3. **Coverage:** Mobile networks cover at least 90% of the Member State's land territory and 95% of the population. Rapidly deployable communication tools and systems are deployed within one day. 4. **Operations:** Use of support tools for predictive and automated response. 5. **Resilience:** Redundancy ensured by diversity of access. 6. **Security:** Post-quantum capable. Quantum key distribution. 7. **Spectrum:** Shared spectrum with mission-critical users having priority and dedicated spectrum. 8. **Devices:** Terminals interoperable, supporting common services for shared situational awareness and response. 9. Supply chain: Use of a trusted ICT supply chain.