

EN
E-000294/2024
Answer given by Mr Breton
on behalf of the European Commission
(5.7.2024)

On the jamming of Global Navigation Satellite services (GNSS), Member States are developing receivers at national level for the secured navigation service offered by Galileo. It delivers cutting-edge protection against spoofing and jamming, ensuring robust and reliable performance even in jamming conditions.

The Navguard project financed by the European Defence Fund¹ will help Member States develop ground and space-based systems to detect and localise illegitimate activities in GNSS frequency bands.

The Commission, Member States and international partners are working on appropriate regulations in relevant international fora to protect radio spectrum. For example, the International Radio Regulations², updated at the World Radiocommunication Conference in 2023, address the effects of harmful interferences in frequencies used by satellite navigation.

In the context of the United Nations, the European External Action Service and Member States promote the responsible behaviours approach in outer space. They support the Open-Ended Working Group on Reducing Space Threats³ through norms, rules and principles of responsible behaviours.

Civil satellites, subject to the Radio Equipment Directive⁴, must ensure a level of resilience of receivers against harmful interference. The Commission is working on an EU space law⁵ to establish a single market for space operations and products. It will address the question of resilience.

The Network and Information Security (NIS2) Directive⁶, entered into force in January 2023, provides a comprehensive framework and strengthened cybersecurity requirements for 18 critical sectors, including the space sector and others interlinked with the space industry, such as the digital infrastructure sector.

¹ https://defence-industry-space.ec.europa.eu/system/files/2023-01/Factsheet_EDF21_Navguard.pdf

² <https://www.itu.int/hub/publication/r-reg-rr-2020/>

³ <https://meetings.unoda.org/open-ended-working-group-on-reducing-space-threats-2022>

⁴ <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32014L0053>

⁵ https://ec.europa.eu/info/law/better-regulation/have-your-say/initiatives/13971-EU-Space-Law-new-rules-for-safe-resilient-and-sustainable-space-activities_en

⁶ <https://eur-lex.europa.eu/eli/dir/2022/2555>