

(English version)

**Question for written answer E-002019/25
to the Commission
Bart Groothuis (Renew)
(21 May 2025)**

Subject: Reliability concerns in the Galileo global navigation satellite system

Galileo, the EU's global navigation satellite system, is central to the EU's drive for technological sovereignty. However, recent observations by experts raise doubts about system performance and institutional transparency. On 7 May 2025, the EU Agency for the Space Programme (EUSPA) issued a notice ⁽¹⁾ warning of potential service degradation 'up to (...) disruption of service' without a clear explanation. Moreover, an independent observer has reported that multiple satellites are broadcasting outdated data, potentially causing positioning errors affecting navigation and transport. At the same time, cryptographic authentication appears to be malfunctioning, weakening safeguards against spoofing and giving rise to concerns about secure use in critical services such as emergency response.

1. Can the Commission confirm the nature and scope of the reported system issues, including outdated satellite data and authentication malfunctions, and clarify what steps have been taken to mitigate risks to users?
2. What measures is the Commission taking to ensure the continuous accuracy and integrity of Galileo's broadcast data, especially in the light of recent anomalies?
3. What protocols are in place to ensure timely and transparent communication with users and researchers during service degradations, and does the Commission consider the recent EUSPA notice adequate in this regard?

Submitted: 21.5.2025

**Answer given by Mr Kubilius on behalf of the European Commission
(6 August 2025)**

During the week of 12 May 2025, the Galileo satellite navigation system underwent a programmed in depth test aimed at assessing its integrity, continuity and accuracy. It was not an anomaly.

All planned events in the constellation and services are pre-announced by timely publication of notice advisory to Galileo users (NAGU) and service notices, notifications to specific user's communities, and when necessary, announcement on the webpage of the Galileo Service Centre.

In the specific case of this test, NAGU 2025016 ⁽¹⁾, also referred to in the Honourable Member's question, was issued in due time informing about the test. This one-off test involved willfully degrading or interrupting some services.

The open service, although subject to a lesser accuracy than usual, was not interrupted. The critical life-saving search and rescue service forward link was never interrupted nor degraded.

The situation was under the control of the Commission and EU Agency for the Space Programme at all moments: services and parameters were restored within the planned timeframe.

¹ <https://www.gsc-europa.eu/notice-advisory-to-galileo-users-nagu-2025016>.
(¹) <https://www.gsc-europa.eu/notice-advisory-to-galileo-users-nagu-2025016>.