

Questionnaire addressed to potential interested parties of the MSS 2 GHz bands

Rationale

The Radio Spectrum Policy Group (RSPG) is engaged in order to respond to the European Commission's *“Request for Opinion (RfO) on the future of the EU-level regulatory framework on Mobile Satellite Services (MSS) in the 2 GHz frequency band (1 980 to 2 010 MHz for Earth to space communications and from 2 170 to 2 200 MHz for space to Earth communications) beyond 2027”* (see RSPG 22-037).

The EU regulatory framework on Mobile Satellite Services (MSS) consists of EP and Council Decision 626/2008/EC, Commission Decision 2009/449/EC, Commission Decision 2011/667/EC, Commission Decision 2007/98/EC and the EP and Council Directive (EU) 2018/1972. Two MSS operators have been selected to provide MSS 2 GHz services within the EU until mid-2027.

RSPG is invited to assess different possible scenarios for the use of the 2 GHz MSS frequency band beyond 2027 and to provide recommendations as to the most appropriate way forward taking into consideration the efficient and effective use of the 2 GHz MSS frequency band for the period after 2027.

Please note that information provided in response to this questionnaire will be used by RSPG in order to develop its response to the RfO. Stakeholders are invited to highlight any business secret information and to provide a version of its response ready to be published.

Deadline for responses: 20 June 2023.

Please send responses to : cnect-RSPG@ec.europa.eu

Questionnaire on the use of the MSS 2 GHz bands

(1 980 to 2 010 MHz for Earth to space communications and
from 2 170 to 2 200 MHz for space to Earth communications)

after 2027

As far as you have information/knowledge, please respond to the following questions:

1. What is the intended service across the EU? If known, what is the technology used? What is the proposed network architecture and the relevant network components?
Please name the ITU service under which the intended use falls.
2. Only in case of a satellite component, please answer the following questions:
 - 2a) If relevant, what are the filing conditions needed for the intended use and describe the status of its respective realisation.
 - 2b) When is the satellite planned to be operational?
 - 2c) If the intended use is based on satellite communication, what is the expected lifetime of the respective satellite(s)?
3. What are the legal prerequisites to enable the intended use (on ITU-, EU- and national level)?
Are these prerequisites already met?
4. If relevant, what practical requirements/contractual conditions (e.g. users) are needed for the intended use and describe the status of its respective realisation.
5. Which portions of the spectrum are needed for the intended use? Which capacity/band width is required?
6. Elaborate, whether or to what extent spectrum sharing with other uses/users is possible.
7. What is the geographical reach of the intended use? (In case, the service does not cover the EU completely from the start of the service, please name the covered countries. Also indicate countries covered by the service, which are non-EU members.)
8. When would the intended service be available to the EU market?
9. Please provide information relevant for a cost-benefit-analysis.
10. Do you want to share any other relevant information?