



International Amateur Radio Union
Working for the future of amateur radio



What is IARU

- IARU, the International Amateur Radio Union, is a union of national societies representing over three million radio amateurs globally
- IARU is recognised by and participates in CEPT and ITU including WRCs
- IARU, as a stakeholder and participant for many years, welcomes opportunities to contribute to the work of RSPG and the next RSPP



What is Amateur Radio

- ‘Amateur’ Radio means unpaid and non-commercial but is nonetheless a high-tech skill base featuring technical innovation, STEM, emergency and community support
- Crosses international boundaries and promotes international goodwill
- Large variety of operational activities across land, sea and space
- Provides societal benefits supporting STEM and wireless skills
- Regularly needs to receive weak signals



Most-burning issues for the coming 15 years

- Continued access to a range of frequency allocations throughout the electromagnetic spectrum
- Co-existence with other users where we are a secondary user
- Greater recognition of the amateur radio sector as a spectrum user
- Earlier involvement in key activities as a stakeholder
- Serious concerns about electromagnetic pollution arising from noise, spurious emissions and aggregation from multiple sources



What can Amateur Radio bring to the table

- Successful experience of sharing as a secondary user over many years with critical communications users such as defence, radiolocation, mobile, maritime and aeronautical applications
- Experience with self-regulation through operational band plans and use of agreements on a local basis with other users
- Ongoing development of innovative digital technologies with greater spectrum efficiency and resilience than many commercial equivalents
- Education and training in wireless skills supporting STEM careers and increasing public understanding of radio technologies



What IARU expects from the new RSPP

- A greater recognition of the societal benefits from the non-commercial use of spectrum
- A fair and coherent framework encompassing Primary, Secondary, and Tertiary (licence exempt/SRD) layers, such as in the USA.
- Action on electromagnetic noise and pollution levels
- Better commercial receiver standards to facilitate efficient and effective use of spectrum as set out in the essential requirements of the Radio Equipment Directive (2014/53/EC)
- Promotion of greater public understanding of wireless and EM-fields in conjunction with DG EAC to counter misconceptions



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