



International Amateur Radio Union Region 1

Europe, Middle East, Africa and Northern Asia

Founded 1950

www.iau-r1.org

HAMChallenge 2024

Amateur Radio is about fun, radio communications, technology, experimentation, self-training, friendship and emergency communications.

Do you have a mind-blowing idea you would like to share with the community?

The International Amateur Radio Union Region 1 is inviting you to come with a game-changing idea, which increases awareness of amateur radio. We are looking for your cool idea or project which you think is part of the future of amateur radio.

Make a team, share your idea, present your proposal, and bring this to reality.

This is the time to present the amateur radio with a different perspective, and we are looking for you!

The best proposals will be rewarded, don't miss this opportunity!

The challenges

Challenge #1

Do you know that Guglielmo Marconi was the first radio amateur operator?

He was born in 1874 and we are celebrating the 150th anniversary of his birth.

Marconi made some of the most revolutionary inventions of the last centuries, they totally changed the speed of communication in a real global manner, and permitted a totally different way of living.

Are you aware that radio amateurs are active on exploring the possibilities of radio waves following Marconi's footsteps?

We would like to know how his inventions changed and are still changing your life.

Share and explain it in a fun way, in which you believe it will be attractive and known by more people.

Hint: we are not looking for a long plain text but for content to share on social media and reaching a huge audience. Make use of reels, pictures, etc.. No limits on creativity!

Challenge #2

Use your imagination, what will amateur radio look like in 10 years? Yes, we are talking about the future. Amateur radio is changing, in the past we never heard about satellites, digimodes or SDR. And these are just a few examples. We ask you to share a cool idea or project which you believe will be changing amateur radio but is also fun to share. This could be in the direction of a technology project, experimentation or digital development.

Don't be limited ! We ask you to share your ideas which are contributing to the amateur radio community.

The HAMChallenge is a call for ideas: the best proposal will be rewarded and brought to life!

International Amateur Radio Union Region 1

Registered at the Swiss Association Register, Chamber of Commerce, c/o Baer-Nutz-AG,
Scheuermattstrasse 8A, CH-6330 Cham ZG, File No CH660.0.019.990-11.



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What do we expect?

We expect you to come up with new ideas which that we will help you to bring to reality. The winning teams or individuals will bring their ideas to life in partnership with the amateur radio community. The [International Amateur Radio Union Region 1 \(IARU R1\)](#) will provide guidance for these projects and will support them financially.

The proposed ideas must be aligned with the key values of the amateur radio community:

- **#1 FUN, ENJOYMENT, PASSION, HOBBY**

Experiencing the magic of radio/electronics/wireless communications, as a lifetime adventure (for all ages), just for personal interest, without commercial purpose. Amateur radio is not just fun: We are passionate about the use of electromagnetic communications and technology to make achievements and improve ourselves. We enjoy personal interaction with likeminded people and want to serve our society.

- **#2 GLOBAL HAM COMMUNITY**

The global ham community is an inclusive environment without frontiers. Ham spirit is used within the community and is a multicultural, apolitical, open minded and tolerant concept where friendship is built around the world. Common interests are shared and developed within this community.

- **#3 PRACTICAL EXPERIMENTATION (TECHNOLOGY & COMMUNICATION)**

The freedom to experiment. Curiosity-driven experimentation with technology and communication techniques, re-using existing techniques and improving them, understanding, and exploring the physics of electromagnetic propagation.

- **#4 INNOVATION**

A focus on creativity and innovation around leading-edge technology and an intense curiosity about what might be possible. Developing new techniques.

- **#5 LEARNING AND EDUCATION (TECH & COMMS)**

A foundation for amateur radio is the continuous self-training and education within technologies and communications. Curiosity and a wish to break existing technical boundaries are strong drivers, as well as sharing knowledge within the community to educate and help others.

- **#6 VALUE TO SOCIETY**

Promoting interest in science and technology subjects across society. Amateur radio also provides trained radio operators and radio engineers to businesses. Provide logistical support and radiocommunications expertise in emergency situations and public events.

Who can take part?

The challenge is open to anyone from any country member of International Telecommunication Union Region 1 (see annex). Licensed radio amateurs and non-licensees are invited to take part as individuals or as a team: think about the local radio club, a school team, scouts, a youth group, a group of friends or your family. Participants can be from any age (minors can only apply as team members, the team leader must be an adult in country of living).



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Applications

The format for submitting your idea is: a video, a reel, storyboard, pictures, etc. For both challenges we are asking to submit different formats:

Challenge #1: make a reel (or short video of maximum 30 seconds) or a set of pictures

Challenge #2: this could be in text, a video, a reel, pictures, etc.

Try to make your idea as clear as possible for the committee.

Applicants must submit their proposals by email to hamchallenge@iaru-r1.org before the 1st of November 2024. Include a short bio of you and/or your team and state in which of the 2 challenges you are taking part.

A maximum of 2 proposals can be submitted per participant.

Timeline

Launch of HAMChallenge

1st of June 2024

Last day to submit your idea

1st of November 2024

Prizes

Prizes are to win in both categories. If you end up in the top 3, you will be awarded with a monetary prices of:

Challenge #1

- 1st place: € 250
- 2nd place: € 150
- 3rd place: € 50

Challenge #2

- 1st place: € 250
- 2nd place: € 150
- 3rd place: € 50

Special Prize

The Special Prize, awarded to the most outstanding proposal submitted by a young participant under the age of 18, amounts to € 100.



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About the IARU

The International Amateur Radio Union (IARU) is the worldwide federation of national amateur radio organizations. The membership of the IARU consists of more than 160 member-societies in as many countries and separate territories.

The IARU represents the interests of the Amateur Radio Service worldwide to relevant international organizations, promoting the interests of amateur radio and seeking to protect and enhance its spectrum privileges.

GDPR – Privacy Policy

Your privacy is extremely important to the IARU, and we are fully committed to providing you with clear and transparent information about how we use your personal information.

We will ensure robust measures are in place to keep your information secure and will only use it for the purposes outlined in this policy. You apply for an IARU-sponsored award, we will retain details of your award and achievement and may include this in publicity associated with the award.

With your approval, we may take photographs of you participating in IARU-organised events. These photographs may be used for our website(s) and in general publicity material.

Access to your information and correction

You have the right to request a copy of the information that we hold about you. If you would like a copy of some or all your personal information, please contact the data controller named below. We want to make sure that your personal information is accurate and up to date. You may ask us to correct or remove information you think is inaccurate.

Retention of data

We will retain your data only for as long as it is required for the stated purpose, after which it will be securely destroyed. Should you wish us to remove and destroy any data that we hold on you, you may make this request to the person named below.

How to contact us

Please contact us by email if you have any questions about our privacy policy or information we hold about you. Email the IARU Region 1 Data Controller at secretary@iaru-r1.org.



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Annex - List of the ITU Member States for Region 1

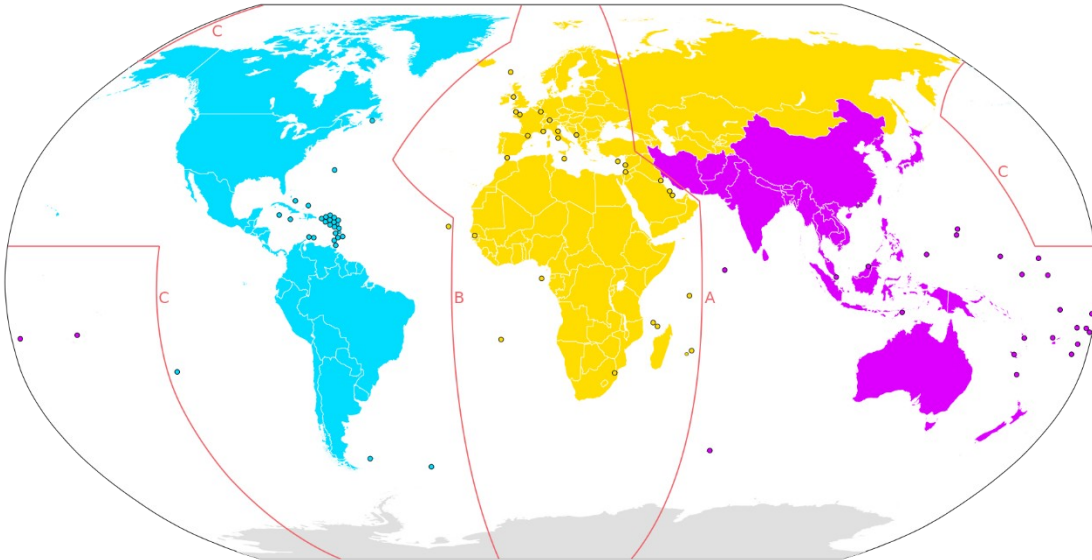


Figure 1 - Region 1 (yellow) as defined by the ITU

- Albania (Republic of), Algeria (People's Democratic Republic of), Andorra (Principality of), Angola (Republic of), Armenia (Republic of), Austria, Azerbaijan (Republic of),
- Bahrain (Kingdom of), Belarus (Republic of), Belgium, Benin (Republic of), Bosnia and Herzegovina, Botswana (Republic of), Bulgaria (Republic of), Burkina Faso, Burundi (Republic of)
- Cabo Verde (Republic of), Cameroon (Republic of), Central African Republic, Chad (Republic of), Comoros (Union of the), Congo (Republic of the), Côte d'Ivoire (Republic of), Croatia (Republic of), Cyprus (Republic of), Czech Republic, Democratic Republic of the Congo
- Denmark, Djibouti (Republic of), Egypt (Arab Republic of), Equatorial Guinea (Republic of), Eritrea, Estonia (Republic of), Eswatini (Kingdom of), Ethiopia (Federal Democratic Republic of)
- Finland, France
- Gabonese Republic, Gambia (Republic of the), Georgia, Germany (Federal Republic of), Ghana, Greece, Guinea (Republic of), Guinea-Bissau (Republic of)
- Hungary,
- Iceland, Iraq (Republic of), Ireland, Israel (State of), Italy
- Jordan (Hashemite Kingdom of), Kazakhstan (Republic of), Kenya (Republic of), Kuwait (State of), Kyrgyz Republic
- Latvia (Republic of), Lebanon, Lesotho (Kingdom of), Liberia (Republic of), Libya (State of), Liechtenstein (Principality of), Lithuania (Republic of), Luxembourg
- Madagascar (Republic of), Malawi, Mali (Republic of), Malta, Mauritania (Islamic Republic of), Mauritius (Republic of), Moldova (Republic of), Monaco (Principality of), Mongolia, Montenegro, Morocco (Kingdom of), Mozambique (Republic of),
- Namibia (Republic of), Netherlands (Kingdom of the), Niger (Republic of the), Nigeria (Federal Republic of), North Macedonia (Republic of), Norway

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- Oman (Sultanate of)
- Poland (Republic of), Portugal
- Qatar (State of)
- Romania, Russian Federation, Rwanda (Republic of)
- San Marino (Republic of), Sao Tome and Principe (Democratic Republic of), Saudi Arabia (Kingdom of), Senegal (Republic of), Serbia (Republic of), Seychelles (Republic of), Sierra Leone, Slovak Republic, Slovenia (Republic of), Somalia (Federal Republic of), South Africa (Republic of), South Sudan (Republic of), Spain, Sudan (Republic of the), Sweden, Switzerland (Confederation of), Syrian Arab Republic
- Tajikistan (Republic of), Tanzania (United Republic of), Togolese Republic, Tunisia, Turkey, Turkmenistan
- Uganda (Republic of), Ukraine, United Arab Emirates, United Kingdom of Great Britain and Northern Ireland, Uzbekistan (Republic of)
- Vatican City State
- Yemen (Republic of)
- Zambia (Republic of), Zimbabwe (Republic of)

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