



The IARU Region 3 Newsletter

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Editor's Note

Thank you to all those who have contributed to this edition of the Region 3 Newsletter.

Amateur Radio has significantly demonstrated a revamp of activities to attract newcomers. In many countries, it has allowed a significant change of procedures to approach to a broader community; amateur radio societies are encouraged to evaluate its strategies and replicate, where possible, those ones that have been successful in other countries.

Having a stronger and bigger community it's in our hands.

Request

The IARU R3 would like to receive digital photos of amateur related activities to be used in its media related publications. Please contact the "Editor" if you can assist.

Next Newsletter

Societies are invited to submit news items that may be of interest to readers. The deadline for the next edition is **30th June 2022**. Stay Safe

73 Oscar, VK3TX

A Word from the Chairman

Dear IARU Region 3 colleagues,

I wished *Peaceful New Year 2022* in the previous Newsletter, but my wish was blown by the volcano eruption in Tonga on 14th January. It caused a tsunami and Tonga lost the submarine cable connection for international communications. Some Member Societies of IARU Region 3 were alerted for possible emergency communications by amateur radio and advised to keep the HF emergency communication frequencies in IARU Region 3 free. Unfortunately, ARCOT, our member society in Tonga, has been in-active for many years and there is no active radio amateur carrying out the emergency communications between Tonga and outside world.

In response to recent world events, the International Amateur Radio Union has issued the following statement on 28th February: "IARU is an apolitical organization focused on promoting and defending amateur radio and the amateur radio services. The amateur radio service is about self-instruction in communications and friendship between people."

Encouraging news is the return of ham radio events in both USA and Europe. There are still some travel restrictions to visit the events, but Dayton Hamvention (Ohio, USA) in May and Deutsch Hamradio (Friedrichshafen, Germany) in June will be held with real visitors. Following those events, JARL Ham Fair (Tokyo, Japan) is planned to be held in August after the cancellation in two consecutive years. It should be noted that the entry of sightseeing visitors to Japan are not yet allowed as of April.

Of course, there is no restrictions for on the air events. On and around 18th April, number of special event stations for World Amateur Radio Day were actively operated and celebrated the formation of IARU in

Paris on this date of 1925. You can find the link to full-size poster of WARD on IARU Global website. (<https://www.iaru.org/on-the-air/world-amateur-radio-day/>)

Another event is IARU HF World Championship contest on 9th-10th July where many IARU Member Societies' HQ stations participate and compete each other as well as ordinary individual and club stations. More details can be found on ARRL website. (<http://www.arrl.org/iaru-hf-world-championship>)

The preparatory works for WRC-23 Agenda Item 9.1 b) 23cm band issue is to be carried out at ITU-R WP4C (4-10 May) and WP5A (23 May-3 June) those are to be held as hybrid (in-person and remote participation) meetings.

Thank you and 73 de Ken JA1CJP

Chairman of Directors of IARU Region 3

IARU Region 3 appoints Assistant Secretary

The Directors of IARU Region 3 are happy to announce the appointment of Shizuo Endo as the Assistant Secretary of IARU Region 3 effective from April 1st, 2022.

As you know, IARU Region 3 elected a new Secretary, Yuki Uchiyama JH1NBN, at its 18th Conference in October 2021, but there was limited handover time between the out-going and in-coming Secretaries. In order to help the handover, the precious Secretary, Shizuo Endo JE1MUI kindly offered to serve as the Assistant Secretary for a certain time and the Directors of IARU region 3 agreed to welcome him as the Assistant Secretary.

So, I would like to ask kind cooperation of IARU Region 3 Member Societies with the Assistant Secretary as well as the Secretary of IARU region 3.

73 de Ken Yamamoto, JA1CJP
Chairman of IARU Region 3 Directors

IARU Region 3 MS Coordinator Resigned

Dr. Titon Dutono, YB3PET notified his resignation, due to his worsening health, from IARU Region 3 Monitoring System (MS) Coordinator by his e-mail to IARU Region 3 Directors on 28th February 2022.

Directors noted his resignation and appreciated his service as the Coordinator for more than 6 years.

Until a new Coordinator is appointed, IARU Region 3 Member Societies are kindly advised to send their Monitoring System reports to Director Yudi Hasbi, YD1PRY (yudi@iaru-r3.org), effective from 1 March 2022.

ORP Day 2022 and IARU HF World Championship Contest 2022

IARU Region 3 has a pleasure to forward the announcement of the QRP Day and IARU HF Championship Contest. For more information, please see the following links:

<https://www.iaru-r3.org/wp-content/uploads/2022/03/IARU-HF-World-Championship-Contest-2022-2.pdf>

<https://www.iaru-r3.org/wp-content/uploads/2022/03/QRP-Day-2022.pdf>

We wish you a joyful and active participation; our best way to preserve our bands is using it!

23cm band WRC agenda item work continues in CEPT

The 4th meeting of the CEPT project team (CPG PTC) tasked with developing the CEPT Brief for WRC23 agenda item 9.1b on 23cm band amateur service and RNSS coexistence took place during March 2022. The IARU R1 was present and provided a contribution to the working document. A summary report describing the contributions and the meeting activity can be found here.

The meeting did not tackle any technical studies directly but the developing brief reports and summarises the activities taking place in other groups where they are being carried out. Updates were made to the background including a description of the work carried out by the amateur community in CEPT and ITU-R with respect to resolves 1 of the WRC-19 Resolution 774. Further updates were introduced to describe the study work taking place in ITU-R (WP's 4C and 5A).

The draft CEPT Brief will undergo further development as technical studies evolve in the wider regulatory community including both CEPT and ITU-R. The next activity concerning this topic will take place in the CEPT arena (SE40) to progress the technical studies and the draft ECC Report.

Source: IARU Region 1 <https://iaru-r1.org/>

ITU Celebrates 2022 World Amateur Radio Day

In recognition of World Amateur Radio Day, held on April 18, the International Telecommunication Union (ITU) published articles and social media posts highlighting various facets of ham radio. This included an ITU News interview with Philipp Springer, DK6SP, Chair of the International Amateur Radio Union (IARU) Region 1 Youth Working Group, and the article, "How to become a radio 'ham' in the digital era," by Nick Sinanis, SV3SJ, ITU Study Group Advisor and head of the ITU radio station, 4U1ITU.

Springer, age 24, earned his ham radio license when he was 9 years old. In his interview with ITU News, he explained the variety of operating techniques and social connections is part of what motivates young people to become active in ham radio in an increasingly digital world. "It's technical parts like experimenting with radio science, soldering, developing, and building electronics, in practice and not just theory," he said. "Secondly, it's [the] social part: we are connecting with other communities, meeting radio operators from all around the world. Lastly, we connect with other cultures: we practice foreign languages, visit other countries, and get on the air at so-called 'expeditions.'" Springer is also featured in an ITU video on YouTube.

In his article, Sinanis explained that "ITU plays a key role in amateur radio by overseeing the standardization and regulatory processes of the radiocommunication sector (ITU-R), with special emphasis on its utility in emergency communications." The ITU is the United Nations specialized agency for information and communication technologies, and the International Amateur Radio Union (IARU) contributes to the work of the ITU as a Sector Member. World Amateur Radio Day marks the annual anniversary of the IARU, formed in Paris on April 18, 1925.

The ITU also celebrated World Amateur Radio Day via posts on Twitter:

twitter.com/ITUradiocomms/status/1515964908894142470

twitter.com/ITU/status/1515967346334179336

twitter.com/ITUradiocomms/status/1516077442850557953

twitter.com/ITUradiocomms/status/1516394912509530118

twitter.com/ITU/status/1516392416558862343

-- Thanks to Dave Sumner, K1ZZ

Source: ARRL <http://arrl.org/news/itu-celebrates-2022-world-amateur-radio-day>

How to Become a Radio 'Ham' in the Digital Era

By Nick Sinanis, Study Group Advisor and Head of ITU Radio Station 4U1ITU

Being passionate for electronic technology at the age of 10 is not unusual nowadays.

But at the end of '70s, it was tough to find any technical information, other than waiting for printed journals to arrive by post. Opposite my childhood window in a remote town in southern Greece, a neighbour had a roof antenna like those atop the International Telecommunication Union (ITU) Varembe building in Geneva, Switzerland.

That was it!

Curiosity and passion came together, motivating me to obtain an advanced amateur radio operator certificate when I was fifteen. I was thrilled to be able to reach the world without travelling, talking to faraway radio amateurs – also known as hams*- for hours. From Europe by day to the Americas by night, I enjoyed fantastic imaginary voyages to each calling station!

The ionospheric propagation of radio waves enables long-distance contacts. I still remember the amazing feeling as a newbie radio amateur in Europe listening to broadcasts from places as far away as Australia's Norfolk Island or the Republic of Nauru.

How to become a radio amateur

A certificate of capacity is required to become an amateur radio operator – and eventually possess a radio station. A specialized exam is offered by national authorities.

Regional radio clubs are the easiest starting point to prepare for the exam, but also to exchange ideas, share experiences and make your first contacts over the air. Basic equipment like a handheld radio is affordable and sufficient to make local contacts, while more expensive, larger antennas enable more distant communications. Still, tinkering with a rooftop long wire connected to a software-defined radio module can deliver the joy of a long-distance call at a reasonable cost.

Another hallmark of amateur radio is its unique combination of knowledge in telecommunications, electronic engineering, physics and tinkering of all sorts. This magic mix can help you recognize a ham even in a data centre! Moreover, radio science plays an important role in scientific and technological innovation.

Above all, amateur radio is a social hobby that still attracts the interest of the young, through social networking apps or challenges, like copying high-speed Morse code.

The passion of radio amateurs and their community have also provided crucial assistance in the form of emergency communications.

ITU's role in amateur radio

ITU plays a key role in amateur radio by overseeing the standardization and regulatory processes of the radiocommunication sector (ITU-R), with special emphasis on its utility in emergency communications.

ITU-R study cycles provide the vehicle for the evolution of amateur radio spectrum.

Through the International Amateur Radio Union (IARU), an ITU member, the radio amateur community makes important contributions to the preparatory studies for each World Radiocommunication Conference (WRC). These studies help optimize radio spectrum sharing and ensure avoidance of harmful interference to and from other radiocommunication services. The upcoming WRC-23 will consider operational and technical measures that ensure the protection of the radionavigation satellite service operating in the same frequency band (1 240 – 1 300 MHz) as the amateur service.

The ITU radio station, also known as 4U1ITU, is celebrating its 60th anniversary this year. Radio societies and renowned awards have attributed a special status to the station, with which contacts are highly solicited.

At the same time, the Varembe building that houses the station at ITU's Geneva headquarters, will soon be dismantled to make space for a new one. For six decades, the 4U1ITU station has been a landmark for many ITU delegates who contacted it as radio hams, or used it to contact other radio amateurs.

In its future home at the top of the ITU's new headquarters this long history and special status will keep 4U1ITU active for many years to come.

*Editor's note: Amateur radio operators are also known as radio amateurs or hams. According to the American Legion, the term "ham" as a pejorative nickname for amateur radio operators was first heard in 1909 by operators in commercial and professional radio communities. The word was subsequently embraced by the operators, and stuck.

Source: ITU <https://www.itu.int/hub/2022/04/how-to-become-a-radio-ham-in-the-digital-era/>

IO-86 Satellite Relayed Hurricane Rai Info from Philippine Radio Amateurs.

The LAPAN-A2/LAPAN-ORARI (IO-86) satellite with Callsign YB0X-1 received & relayed information about Typhoon Rai that hit the Philippines on Thursday, 16/12/2021. The information was conveyed by an Amateur Radio Operator, Kako Lizares-DU6DKL.

Kako said that Hurricane Rai was approaching its territory in the Negros, Philippines. "Pray for us big storm is up. Typhoon RAI is fast. approaching. Negros is in danger.

Based on the information compiled, Hurricane Rai is a typhoon that brings heavy rains and the threat of flooding. In addition, this storm has strong wind power.

The message conveyed by Kako can be received by Amateur Radio in Indonesia and other Asian countries within the satellite footprint, thanks to the support of the IO-86 Satellite.

Another Philippines Radio Amateur with Callsign DV8CER named Peter Soliva informed that the Dipolog area was hit by heavy rains which resulted in flooding. Peter also said that the electricity in the area was out.

"Heavy downpour, no electricity, we are flooded typhoon Rai," he wrote.

This satellite in its 6 years in orbit, assists the amateur radio community in sending text messages (such as SMS) from thousands of kilometers away. The message is sent via the APRS beacon or Automatic Packet Reporting System and can be received by amateur radio operators within the satellite footprint.

Source: ORARI

IARU Region 3 Contacts

Official R3 Contacts. Further information can be found on the Region 3 website: <https://www.iaru-r3.org/contact/>

Society Update Officials and Contact Information

All IARU Member Society information is now hosted on the International Secretariat website. A request is extended to all Region 3 Society Liaison Officers or other responsible officers to ensure that all details about their society is up to date on the listings shown at <https://www.iaru.org/reference/member-societies/>. Some details have not been amended or updated for a number of years and have non-functional data.

Please send any updates to the IARU International Secretariat (secretary@iaru.org) with a copy to the Region 3 Secretary (secretary@iaru-r3.org)

Newsletter details:

Go to the IARU Region 3 Web Site <http://iaru-r3.org/topics/newsletter>

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Region 3 Societies can submit articles for inclusion to the next bulletin by **30th June 2021**.

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IARU Region 3

