



The IARU Region 3 Newsletter

Issue 46 – Q1 2018, Released April 2018

Editor's Note

Thank you to all those who have contributed to this edition of the Region 3 Newsletter. I would like to see more articles from Societies that may be of interest to other societies and regions.

If a member society has an upcoming event please consider making a news item – the editor will assist you.

Contributions may be sent to me at the email address at the end of the Newsletter. Items appearing in newsletter may be used by societies freely to inform their members.

The deadline for the next edition is 30th June 2018.

73 Peter, VK3MV

A word from the Chairman April 2018

This year sees the 50th anniversary of the IARU Region 3 and to celebrate this milestone, the Directors encourages all R3 societies to operate a special event station in their countries where contacts with these stations can lead to an award. More details are in this newsletter.

I had mentioned in our last issue of the newsletter that two of our directors were slated to attend the APG meeting in Perth, Australia.

Directors Shizuo Endo JE1MUI and Wisnu Widjaja YB0AZ attended on behalf of IARU Region 3 and Ken Yamamoto JA1CJP, our Secretary attended on behalf of JARL. Several other amateurs were part of their country delegations and working together, made a significant impact in the working groups, to move our positions forward to the administration, who will vote on the various items on the agenda.

Once again we invite the attention of all societies to World Amateur Day (WARD) which is observed each year in April. Hopefully many societies will take this opportunity to showcase this wonderful hobby to the general public and conduct events in their respective areas to give hands - on experience to those who are not already radio amateurs.

Work has started in real earnest by KARL to prepare to host the next triennial Region 3 conference in Seoul, South Korea in September 2018. The conference hotel has been identified and arrangements to receive and host delegates are being planned. Ken Yamamoto JA1CJP, our Secretary paid a short visit and had detailed discussions with members of KARL who are organizing the conference.

Formal invitations have been circulated to all societies giving details of dates, costs and a draft agenda. Papers for discussion are called for and the real work in the conference will be the

discussion on these papers which will have a big impact on how the hobby is administered in this region. So we urge all societies to look carefully of what needs to be looked at and what changes need to be made effective.

We hope that EVERY society will be represented in person and if that is not possible for any reason, by a Proxy given to another society.

Elections for the next set of directors to guide the region over the next three years will also take place, and nominations will be called for

73 Gopal VU2GMN

Jim Linton, VK3PC, SK

Amateur Radio has lost a stalwart, a man who has dedicated many of his life-long skills and talents to the furtherance of our hobby; Jim Linton, VK3PC.

Professionally, Jim was a journalist with skills in marketing and communications and he willingly applied those skills voluntarily to the furtherance of amateur radio. Jim's lifetime skills were applied over the broad WIA structure and internationally, via his involvement with the IARU as the Chairman of the Region III Disaster Communications Committee.

On behalf of the IARU, the Directors sent our condolences to Jim's wife and family.

IARU R3

New Zealand Commences 60 metre Trial

In January the New Zealand's communications regulator allowed ZL amateur operators limited access to 60m on a trial basis.

The purpose of the trial is to allow the regulator (RSM), NZART and primary users to investigate the ability for the amateur operators to operate on the frequencies of operation on a secondary basis without causing interference to primary users.

The trial will operate on 5353 kHz and 5362 - 5364 kHz with a maximum output of 10 dBW e.i.r.p.

NZART

IARU Region 3 50th Anniversary - Then and Today

In April 1968, representatives from Japan, the Philippines, New Zealand and Australia met in Sydney to establish a Region 3 organisation. Other countries, Ceylon (renamed Sri Lanka), India, South Korea, Thailand, and Hong Kong indicated their support for the meeting but were unable to attend.

At this meeting, it was decided to proceed with a Region 3 Association and establish an interim Directorate of five, representing the countries present. They were appointed to legally act for the Association until the Plenary (all inclusive) meeting which was scheduled for Tokyo in 1971.

Like most amateur radio involvements, the voluminous hard work is carried out by volunteers. Indeed, our hobby would not exist if it was not for dedicated volunteers throughout the amateur ranks who give so freely of their time and expertise for the benefit of all. Regional activities are no exception and can be even more stressful due to the distances involved, language differences, let alone the often diametrically opposed points of view of some country's authorities.

From the humble beginnings at the Inaugural meeting in 1968, IARU Region 3 now has 39-member countries and to help celebrate the formation 50 years ago a special award has been arranged.

Editor/WIA

IARU Region III 50th Anniversary Award

To celebrate this milestone, the Directors of Region 3 has initialed an award for amateur operators who contact Special Event Stations within Region III during the period 1st May 2018 and 31st October 2018.

The 50th Anniversary IARU-R3 Award Rules

1. The International Amateur Radio Union Region 3 (Asia-Pacific region) will grant the IARU Region 3 50th Anniversary of Award to radio amateurs who certify having contacted or heard (SWL) atleast 5 (five) contacts (QSO) s on different modes or bands with Special Event Station for commemorating the 50th Anniversary of IARU Region 3 from eligible countries are those in Region III whose amateur societies are members of IARU Region 3.
2. For those purpose the IARU Region 3 encourages the IARU Region 3 member society to setup and on the air with the IARU Region 3 50th Anniversary Special Event Call Sign between May 1st, 2018 until October 31st, 2018 in the following bands: 160, 80, 40, 30, 20, 17, 15, 12, 10, 6, 2 meters, 70 centimeters and modes: MIXED, PHONE, CW, DIGIMODES and SATELLITE
3. The IARU Region 3 50th Anniversary Special Event Call Sign is an amateur station call sign run by the IARU Region 3 member society operating in conjunction with these short-term event purpose.
4. The IARU Region 3 suggest to the IARU Region 3 member society to use number 50 as their Special Event Call Sign Prefix number and IARU as their Special Event Call Sign Suffix. (i.e. YB50IARU, 9M50IARU, JA50IARU, VK50IARU, HS50IARU, BY50IARU, BV50IARU, VR50IARU. VU50IARU, etc.)
5. The IARU Region 3 50th Anniversary IARU Special Event Call Sign stations must be send their electronic logs in a ADIF format to <http://awards-iaru-r3.org> as soon as your QSOs finished and no later than November 1st 2018.

6. Valid contacts (QSO)s must be made between May 1st, 2018 00:00 UTC until October 31st, 2018 24:00 UTC.
7. QSL cards are not needed for this award.
8. The Award has no cost. The IARU Region 3 50th Anniversary will issued in digital file (pdf format) and can be downloaded directly from the IARU Region 3 50th Anniversary Award website <http://awards-iaru-r3.org>
9. Amateur around the world who made contacts (QSO)s with the IARU Region 3 50th Anniversary Special Event Stations and met the Award requirement can download their IARU Region 3 50th Anniversary Award directly from <http://awards-iaru-r3.org>
10. Eligible countries are those in Region III whose amateur societies are members of IARU Region III. These are: Australia, Bangladesh, Brunei, China, Chinese Taipei (Taiwan), Fiji, French Polynesia, Hong Kong, India, Indonesia, Japan, Korea, Macau, Malaysia, New Caledonia, New Zealand, Pakistan, Papua New Guinea, Philippines, Pitcairn Island, Samoa, Singapore, Solomon Islands, Sri Lanka, Thailand, Tonga, Vanuatu, Vietnam, and country credit from US Territories in the Pacific from Guam, Northern Marianas, American Samoa, Wake Island, Baker Howland Group, as presented by ARRL or Chagos Archipelago (VQ9), represented by RSGB.

Requirements for Award as Basic, 5 (five) contacts (QSO)s on different modes or bands with Special Event Station, Silver Endorsement, 10 (ten) contacts (QSO)s on different modes or bands with Special Event Station; Gold Endorsement, 15 (fifteen) contacts (QSO)s on different modes or bands with Special Event Station.

More than one QSO with a same Special Event Station can be counted, if each QSO is on different mode or band.

Only valid contacts (QSO)s will be counted based on each mode, each band.
Duplication contacts (QSO)s with the Special Event Station in the same mode and in the same band are not counted.
11. It is possible to apply for the award for contacts made in the following modes: MIXED, PHONE, CW, DIGIMODES or SATELLITE.
12. BANDS: Contacts (QSO)s can be made in the following bands: 160, 80, 40, 30, 20, 17, 15, 12, 10, 6, 2 meters and 70 centimeters individual or multi - band.
13. All contacts must be made from the same country, using any official call letters that belong to the applicant (including special licenses for contests or events) and must be bilateral or two-way. Contacts in crossed modes and/or bands will not be accepted, except for Satellite Mode.

Questions regarding this award may be submitted via e-mail to: awards@iaru-r3.org

The rules will be available at www.iau-r3.org

IARU R3

Australia host International Spectrum Meeting

In preparation for the World Radio Conference in 2019 (WRC-19) there are a number of preparatory meetings that are undertaken. One of these in the Asia Pacific Region is the Asia Pacific Telecommunity (APT) Preparatory Group. This is the third of five regional summits in the lead-up to the International Telecommunication Union (ITU) WRC.

The Australian Government hosted this meeting in Perth from 12th – 16th March 2018 and attracted more than 350 radiocommunication leaders from over 25 Asia-Pacific countries.

The APT aims to build regional positions on radiocommunications spectrum allocations to take forward to global forums and in particular the WRC-19.

Representatives from the ITU and other regional groups including the IARU attended the 5-day meeting.

WIA representative Dale Hughes, VK1DSH, is APG coordinator for WRC19 agenda item 1.1 (ITU R1 50 MHz allocation) and, as such, takes an active part in the APG meetings. Hughes is also the Australian coordinator for Agenda Items 1.1 and 9.1.6 and represented the agreed Australian positions on these two agenda items at the APT meeting. Agenda item 9.1.6 covers Wireless Power Transmission (WPT) and it is important that we were able to express our concerns about RFI that might be generated by WPT systems.

WIA

HuskySat-1 145/435 MHz linear transponder CubeSat

A 3U Cube Satellite, dubbed the **HuskySat-1**, is being developed by an interdisciplinary team at the University of Washington and will be launched into Low Earth Orbit to become the first amateur satellite from Washington state

This CubeSat will demonstrate the capabilities of new technologies being developed at the University of Washington and expand the capabilities of CubeSats as a whole. In particular, a high-thrust pulsed plasma thruster (PPT), and high-gain communications system will form the core technology suite on board the satellite.

The majority of the HuskySat-1 is being developed at the University of Washington. The satellite is broken up into different subsystems. Each component is designed to be modular so that they can be most easily developed independently from each other and reused for future missions.

The CubeSat will have a Pulsed Plasma thruster with tungsten electrodes and a sulfur propellant. HuskySat-1 will carry a 30 kHz wide 145 to 435 MHz linear

transponder for amateur radio SSB/CW communications along with 1k2 BPSK telemetry. The satellite will also transmit BPSK telemetry at 1 Mbps in the 24 GHz band.

A launch is planned for late 2018 with the ELaNA XXIV mission into a high inclination Low Earth Orbit (LEO).

HuskySat-1

<https://sites.google.com/uw.edu/huskysatellitelab/huskysat-1>

IARU Satellite Frequency Coordination

<http://amsat.org.uk/iaru>

AMSAT UK

IARU Region 3 Directory

Official R3 Directory. Further information can be found on the Region 3 website: <http://iaru-r3.org/secretariat/>

Society Update Officials and Contact Information

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 <http://iaru-r3.org/> under member societies. Some details have not been amended or updated for a number of years and have nonfunctional data.

Current details can be forwarded to the Secretary of Region 3 for updating of the web information.

Newsletter details:

The Region 3 Web Site: Go to: <http://www.iau-r3.org>.

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Region 3 Societies can submit articles for inclusion to the next bulletin by 30th June 2018.

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The statements or opinions in this Newsletter do not, unless otherwise stated, necessarily reflect the views of IARU Region 3, the Directors or the Secretariat.

Note to Editors - *Items from this Newsletter may be freely copied for publication by Member Societies of IARU.*

IARU Region 3

