



# The IARU Region 3 Newsletter

## Issue 49– Q4 2018, Released January 2019

### Editor's Note

Wishing you and your families a Happy New year. 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 31<sup>st</sup> March 2019.

73 Peter, VK3MV

### A word from the Chairman January 2019

I would like to wish all of you and your families a very Happy, Prosperous and Peaceful New Year.

In preparation for the WRC 2019 in Egypt, I and the Secretary of IARU Region 3 Shizuo Endo JE1MUI attended the APG 19-4 meeting in Busan, Korea. Ken Yamamoto JA1CJP, IARU Region 3 Director, attended as a member of Japanese administration. Some other radio amateurs including Dr. Rhee, Joong-Geun HL1AQQ, former IARU Region 3 Director, Kim Hyeong Su DS2HTR, KARL President, Dr Yong Seok Choi HL3OB IARU Region EMC Coordinator / KARL Vice President, Yeong-Lan Park DS1SOT KARL Secretary General, Oh Kwang Eok HL1TRB Technical Director of KARL and Peter Pokorny VK2EMR attended as part of their country delegations.

There are items on the agenda relating to amateur radio and our representation at these meetings play an important part in molding the voting pattern by administrations.

Also thanks to ORARI who gave a big support for the disaster communication in Palu Central Celebes - October 2018 and in Banten at the end of December 2018.

Congratulations also for the new elected President of HARTS Rudy Wong VR2USP and I hope we can work together for the future development of amateur radio.

We invite all societies to the World Amateur Radio Day (WARD) which is observed each year on 18th April. We hope societies will take this opportunity to promote this wonderful hobby to the general public especially to those who are not already radio amateurs.

73 de Wisnu YBØAZ

### First Geostationary orbit amateur satellite.

On Thursday, 15 November 2018, a SpaceX Falcon 9 vehicle lifted off flawlessly at 2046UTC from Cape Canaveral. It was carrying the first amateur radio payload destined for geostationary orbit.

About 32 minutes after launch, SpaceX reports the spacecraft was successfully deployed into a geostationary transfer orbit. Positioned at 25.5°E, the satellite will carry an amateur radio S-band and X-band payload capable of linking radio amateurs from Brazil to Thailand.

The recent subject of an AMSAT-UK Colloquium presentation, Es'hail-2 carries two Phase 4 non-inverting amateur radio transponders operating in a 2.4GHz up and 10.45GHz down configuration.

This offers a 250kHz bandwidth linear transponder intended for conventional analogue operations, plus an 8MHz bandwidth transponder for experimental digital modulation schemes and DVB amateur television.

You can see the talk at [youtube.com/user/AMSATUK/videos](https://www.youtube.com/user/AMSATUK/videos)

AMSAT

### India gets 3 new bands - 60, 630 and 2300m

The Indian Government's Telecommunications regulator has published a 2018 Update to the Indian National Frequency Plan, effective 25th October 2018, which lists new bands at 5 MHz/60m, 472 kHz/630m and 135 kHz/2300m.

<http://wpc.dot.gov.in/WriteReadData/userfiles/NFAP%202018.pdf>

5 351.5-5 366.5 kHz - Amateur 5.133B (Secondary, 15W EIRP)

472-479 kHz - Amateur 5.80A (Secondary, 1W EIRP )

135.7-137.8 kHz - Amateur 5.67A (Secondary, 1W EIRP)

The regulations are as follows current ITU criteria for these bands.

(Tnx: VU2ABS, VU2GMN, WP&CW, W8GEX)

Paul Gaskell G4MWO

### Ham radio satellites blast-off from Vandenberg

A SpaceX Falcon 9 rocket lifted off from Vandenberg Air Force Base in California at 1834 GMT on Monday, December 3 carrying many Amateur Radio satellites.

Four microsattellites including ESEO carrying an AMSAT-UK FUNcube-4 transponder were deployed about 2 hours and 13 minutes after launch.

60 CubeSats including Jordan's JY1SAT carrying a FUNcube-6 transponder and capable of transmitting Slow Scan digital Video (SSDV) images were expected to be deployed about 2 hours after that.

The Twitter feed of Spaceflight Inc should provide updates on CubeSat deployment.  
<https://twitter.com/SpaceflightInc>

ESEO information and FUNcube Dashboard  
<https://amsat-uk.org/2018/11/21/eseo-information/>

JY1SAT information and FUNcube Dashboard  
<https://amsat-uk.org/2018/11/16/jy1sat-cubesat-information/>

Frequencies of Amateur Radio satellites on the SSO-A mission  
<https://amsat-uk.org/2018/11/14/ssoa-amateur-radio-satellites/>

### Society Visit

On 22<sup>nd</sup> December 2018, IARU Region 3 Chairman of Directors Wisnu YBØAZ have a chance to visit HARTS headquarter during his trip to Hong Kong.

He met the outgoing President, Sunny Chan VR2XGE and the new elected HARTS President Rudy Wong VR2USP accompanied by the HARTS Treasurer Andrew VR2XXC and one of the HARTS member VR2YYY.



Shown in the photo L to R:  
VR2YYY, VR2XGE, YBØAZ, VR2USP, VR2XXC

### IARU Region 3 Contacts

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

### 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:**

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 **31st March 2019**.

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

### ***IARU Region 3***

