



PRESIDENT'S MESSAGE



We have just concluded the ARSI AGM which was held in Bangalore at the Koramangala Club.

It was a very interactive meeting with a lot of discussions on issues that concerned the society. Many useful suggestions were made for the betterment of the society and the newly elected Governing Council will work on the suggestions.

A major thrust has to be given to increasing the membership and everyone present agreed to try and bring in at least one new member.

A close look at the various contests that ARSI has held showed a singular lack of interest from the majority of hams in India. It was therefore decided to reduce the number of contests that are conducted and promote the ones that will be held aggressively and promoted very much earlier. The newly appointed Contest Manager OM Deepak

VU2CDP will be forming his core team to work with him.

A suggestion to form regional groups of ARSI has been mooted and action will be taken on this, initially with existing radio amateurs in each major city being formed into a local group and extending it from there.

The financial position of the society is very healthy.

I am presently in Bali for the Triennial Conference of Region 3

Gopal VU2GMN

FROM THE EDITOR'S DESK



You will read a lot of info and news about emergency communications in this issue; there have been several calamities in the recent past and hams have immediately acted and efficiently supported the authorities by providing much needed communications.

In fact, a demonstration of the modes and the types of equipment available to Amateur Radio

for emergency communications is being displayed at the forthcoming World Radio-communications Conference – the WRC -being held at Geneva in November this year.

Amateurs have proved time and again, that “if everything else fails, amateur radio is the only communication possible”.

Another important aspect to be considered seriously is encouraging youngsters to take up this fascinating hobby. For this purpose, we need to arrange demonstrations in schools and colleges. YOTA is gaining popularity. The month of December is designated as the YOTA month.

73, Ganesh VU2TS

ANNUAL GENERAL BODY MEETING OF A.R.S.I. - SEPTEMBER 2015

The AGM and Elections of the ARSI were held on SEPTEMBER 27, 2015 at The Koramangala Club, Bangalore. There were 40 members from various parts of India attending. The following Office Bearers were duly elected for the period 2015-2017.

Executive Committee

President : Gopal Madhavan VU2GMN (un-opposed)

Vice President: Ved Prakash Sandlas VU2VP (un-opposed)

General Secretary : Ramesh Kumar VU2LU (un-opposed)

Treasurer: Govind Girimaji VU2GGM (un-opposed)

Governing Council

VU2RCT: Ramachandra Bhat

VU2RCR: Ramachandra R.

VU2CDP: Deepak Pathak

VU3UNO: Krishna Kumar

VU2SJD: Sanjay Madhavan

VU2JAU: Jayant S. Bhide

VU2ABS: Arvind Balasubramanian

Best wishes to the newly elected office bearers. /Ed

IARU HF World Championship

Call: AT150HQ

Operator(s): VU2CDP VU2CPL VU2MUD
VU2PAI VU2PTT VU2RCT VU3KPL

Station: AT150HQ

Club: VU Contest Group

Class: Headquarters HQ

Operating Time : 24 Hrs

Summary:

Band | CW | SSB | Zones | HQ Mults

40:	102	21	13	32
20:	256	357	27	36
15:	407	1157	37	46
10:	90	320	19	34

Total: 855 1855 96 148

Total Score = 2,748,904

Sometimes the results do not truly reflect the effort and this is evident in the scores. There are only 2 NA QSOs in the log which highlights the struggle all weekend. But compared to the conditions over the previous days, it was good to make a few QSOs on 10m. What will happen next-year?

15m has been the money band for the last couple of years now but it was noisy all of Sunday. It took quite a few repeats to pull out

callers, especially those running LP. There were many hours of auto CQ. Nevertheless, it was fun to be part of the HQ operation where the intent was to provide the multipliers to everyone including WRTC aspirants. Good luck to-them!

Thanks to all who called us, every single QSO is appreciated. Log will be on LoTW and eQSL soon.

73, Deepak VU2CDP

CEPT Agrees to 5 MHz European Common Proposal for WRC 15

The final meeting of the CEPT conference preparatory group was held in Bergen, Norway, during the week September 14-18 at which it was adapted that the final European Common Proposal for the WARC 15 agenda item 1.4 - the adaption of a European Common Proposal for an allocation of 100 KHz between 5350 and 5450 KHz for the Amateur Service. The proposal is now included in the documents for discussion at WRC15 at which further discussion is anticipated before a final conclusion is reached.

[CEPT is Conference Europeenne des Postes et Telecommunications - the European regional body of telecommunications regulators]

Tnx – IARU/ R1 - G3PSM

EMCOMM DISPLAY AT WRC-15, ITU Geneva

A demonstration of the modes and equipment available to Amateur Radio for emergency communications in a disaster – **emcomm** - will be shown at the World Radio-communications Conference in Geneva during November 4-14.

The trailer-mounted displays of equipment with voice, text and image modes, and a mobile antenna follows a series of planning meetings with the IARU and ITU. The IARU International Coordinator of Emergency Communications, **Hans Zimmermann HB9AQS/F5VKP** has announced that his project coordinating was finalised at the September meeting of the ITU-D SG-2 meeting in-Geneva.

He said the equipment will be provided by the specialist German club 'Notfunk Deutschland' (Emergency Radio Germany), in agreement with the IARU Member Society, Deutscher Amateur Radio Club (DARC). Other IARU Member Societies from nearby countries are giving posters and other material.

Hans Zimmermann said: "This will not be a field day station or even a simulated emergency or other intensive operational activity.

"The purpose is to show how the wide range of means allows the Amateur Service to serve in an emergency situation."

The Notfunk Deutschland website is <http://notfunk-deutschland.de/html/mf-2.html>

TNX-Jim-Linton, VK3PC

Chairman

IARU Region 3 Disaster Communications Committee.





12 October 2015

The International Amateur Radio Union Region 3 triennial conference in Bali on October 12-16, is hosted by IARU Member Society, Organisasi Amatir Radio Indonesia or OARI. The venue was the Sanur Paradise Plaza Hotel, where OARI will have special event station **YB16IARU**. It's the 2nd time that the event has been held in Indonesia.

The IARU Administrative Council, meeting at Bali, Indonesia, stressed the Importance of Antenna Systems for Amateur Radio. Recognizing that an antenna is an integral part of any radio communications system, the council adopted a new resolution which urges IARU Member Societies to use their efforts to encourage their national governments to recognize the importance of the Amateur Radio Service and an amateur radio antenna; to advocate for planning and development regulations that properly recognize the importance of an amateur radio antenna and do not place undue restrictions on erection of antennas; and to discourage fees for the use of an amateur antenna, particularly in view of the non-pecuniary nature of amateur radio and its popularity in the student and senior communities.

The growing demand for coordination of satellites in the amateur bands led the AC to adopt revised Terms of Reference for the IARU Satellite Adviser and to agree in principle to new guidelines for satellite coordination. A Deputy Satellite Adviser has been appointed to assist with the work.

Attending the meeting were IARU President Tim Ellam, VE6SH/G4HUA; Vice President Ole Garpestad, LA2RR; Secretary Rod Stafford, W6ROD; regional representatives Don Beattie,

G3BJ, Faisal Al-Ajmi, 9K2RR, Reinaldo Leandro, YV5AM, José Arturo Molina, YS1MS, Gopal Madhavan, VU2GMN, Shizuo Endo, JE1MUI and recording secretary David Sumner, K1ZZ. Also present as observers were Jay Bellows, K0QB, from Region 2 and Wisnu Widjaja, YB0AZ and Ken Yamamoto, JA1CJP, from Region 3.



L to R: Reinaldo Leonardo YV5AM R-2, Tim Ellam VE6SH - IARU President, H.E. I Made Mangku Pastika – Governor of Bali, Sutiyoso YBØST - President of ORARI, Gopal Madhavan VU2GMN Chairman Region-3 and Don Beattie, G3BJ President Region-1.

Your president had the privilege of delivering the opening address; here is the transcript :

Om Swastiastu, (May health be upon you)

Selamat pagi, (Good morning)

Yang terhormat, (The honorable / His excellency)

- * Minister of Communication and Information Technology of the Republic of Indonesia, Bapak Rudiantara;
- * Vice Governor of Bali Province, Mr. Ketut Sudikerta;
- * President of ORARI, Bapak Sutiyoso YBØST ;
- * President of International Amateur Radio Union, Mr. Tim Ellam, VE6SH;

- * President of International Amateur Radio Union, Region 1, Mr. Don Beattie, G3BJ ;
- * President of International Amateur Radio Union, Region 2, Mr. Reinaldo Leandro, YV5AM;
- * Members of the Administrative Council of IARU who are meeting here also;
- * Fellow Directors of IARU Region 3 and
- * Delegates and observers of IARU Region 3 Member Societies, and friends of amateur radio -

It gives me great pleasure to address you all this morning at the opening ceremony of the Triennial Conference of IARU Region 3.

I would like to thank Organisasi Amatir Radio Indonesia or – ORARI- in short, and the people of Bali for making us so welcome here.

The triennial conference of the three regions of IARU, are the supreme bodies that sets out policy for administration and development of amateur radio for the respective regions and elects a new set of office bearers to administer the region for the ensuing three years.

The conference being inaugurated today represents all amateur radio societies in the Asia Pacific Region - a very diverse and widely distributed region, with a very large number of languages, cultures and customs.

Amateur radio is a service that bridges all these differences through the common goal of self-education and training. Radio amateurs throughout the world have been on the forefront of scientific development and discovery, and this region is no exception.

This area is unfortunately and undeniably prone to the greatest number of natural

disasters, whether earthquakes, Tsunami's, floods or typhoons

It is well known that radio amateurs are on the frontline in providing emergency communications whenever any disaster-whether natural or man-made - and we have proved ourselves over and over again that "when all else fails there is amateur radio."

The Indian Ocean Tsunami caused by an earthquake in Indonesia, floods in Thailand, the Christchurch Earthquake, the recent horrific earthquake in Nepal, and several other disasters have been examples of how radio amateurs provide that vital initial communications until normal means of communications are restored.

Amateur radio is not just a hobby where like-minded individuals all over the world communicate with each other. The techniques and hardware developed by radio amateurs find use in numerous other applications. Many satellite communication technologies have been invented by radio amateurs. The efficient use of radio spectrum, a very vital and sought after commodity, is a major aspect of amateur radio. Interference in day to day applications by various electronic devices is closely monitored and efforts made to eradicate the interference.

All these and more are going to be part of our deliberations for the rest of the week.

Any conference is only as good or effective as the level of participation and I urge all delegates to make the best use of their time here to make this a really useful conference. Please participate in the working groups to the fullest.

The Indonesian National Society, ORARI has gone to great lengths to ensure that everyone

coming to Bali is looked after, and their comfort and welfare taken care off. Apart from the serious business during the meetings, there are opportunities for all delegates to meet face to face or “have an eyeball” as we say in our parlance, and establish new or further existing friendships across the world.

A new set of directors and committee convener’s will be elected before the weekend to look after this region’s interests, and on behalf of the outgoing directors, I wish them all the very best for the coming three years.

A very interesting sight-seeing trip has been planned for Friday so everyone can have a chance to see at least some of the many attractions in this region, in the limited time they have here.

ORARI, and it’s very cheerful team of volunteers on the organizing committee, have done a great job and on behalf of all of us gathered here, I thank them most sincerely. Thank you Wisnu, Gjellani and team!

Please enjoy your stay here in Bali and look forward to a useful few days together.

ROLE OF HAM RADIO IN DISASTER COMMUNICATIONS

A seminar on the Role of HAM Radio in Disaster Communication was organized in Mumbai at The Mumbai University on 1 August 2015. The program was organized by Disaster Amateur Radio Emergency Service (D.A.R.E.S.) Mumbai. OM Ankur Puranik VU2AXN along with his team took all the pains to make it one successful seminar as more than 150 HAMs and people witnessed the program.

It was a mixture of great personalities; present were Officials from ADMA (Govt. of Maharashtra), D.D.M.A., Police departments

and Disaster Management cell, Mumbai along with President Amateur Radio Society of India OM Gopal Madhavan VU2GMN, Convener of HAM Fest India 2015 OM N.N. Zala VU2ZNN along with OM Bhogi Gondalia.



Apart from this OM Satish Shah VU2SVS and many other HAMs were present. D.A.R.E.S. members were very actively managing the program. In the morning session dignitaries were called on dais and felicitated. The program was nicely compered by OM Jaiprakash VU2JPN and his team. After the guest lecturers OM Jayu S. Bhide VU2JAU gave a detailed lecture on Role of HAM Radio in Disaster Communication for about 1.30 hours.

In the afternoon session all those who were involved in much disaster communication were invited to express their experiences at different levels. OM Satish told about his experience during Latur earthquake. OM Gopal Madhavan VU2GMN asked everyone to enrol as members of A.R.S.I. to strengthen the society.



In the evening all went to visit HAM Radio club of Mumbai University and their Community Radio operation. Over all it was nicely carved event for whole day and it seemed to be a small HAM get together. Hopes such type of events will be arranged by HAMs in other cities to bring HAMs in one umbrella. Thanks to all D.A.R.E.S. team for such a good venture.

73 - de Jayu S. Bhide VU2JAU Gwalior.

Ham Radio Emergency Communications in Nepal



David W6DTW writes in “**Make**” magazine about the work of radio amateurs in connecting earthquake-ravaged-Nepal.

This is a story about a tool — AMATEUR RADIO — that has helped, and will continue to help, and about those of us who are working to deploy it. We call ourselves Radio Mala, and in Nepal, before and after the earthquake, we have distributed radios and expertise in an effort to improve communication and alleviate-suffering.

Read the full Make: story at

<http://makezine.com/2015/09/09/the-great-nepali-radio-shake-up/>

Radio-Mala:

<http://www.gnnp.org/#!/radio-mala/c1gwo>

Amphenol support to Nepal Hams

You all are aware about the great communication support given by Nepal Hams during recent Earthquake. Nepal received tremendous help from all over the globe. However only Hams from Amphenol group world ever thought of supporting Nepal Hams through various connectors, crimping tools and co-axial cables weighing more than 60 Kgs. This help will also improve future communication support in all respects.

The following mail from OM Satish 9N1AA is self explanatory:

Dear Vilas

We highly appreciate the help from all of you friends from Amphenol. Everything you have sent is not available locally here in Nepal. Even for a single connector we have been asking friends and relatives in Singapore.

It ultimately solved our problems of cable and connectors for repeaters we are planning to install immediately. Set of tools and excess cable will be given to 3 club stations and two operators in remote areas.

Kindly accept out hearty thanks for kind support. Kindly convey my thanks to all who have been in this support. I will share photos of practical use of these items.

Regards,

Satish / 9N1AA



Thanks to OM Sean Kelly (W5SPK) & his US friends for this thoughtful support. Thanks to Francis, ARSI, Gopal, VU2GMN & Jayu, VU2JAU for the excellent communication & consignment tracking .

Special thanks to Robert John, [Director & Chief Executive Officer, Amphenol Interconnect India Pvt. Ltd.](#) & S Biswas for making shipments through Blue Dart Couriers to Nepal.

With regards & 73

73, Vilas Rabde VU2VPR Pune



MindSpark is the brainchild of the students of College of Engineering, Pune. MindSpark provides an arena for the best engineering minds from all over the country to bring to life their innovative ideas.

OM Vilas VU2VPR delivered a lecture with a presentation, in the " Mind Spark " event of College of Engineering PUNE, VU2COE, on Friday 9th Oct 2015.

The Subject was **"Super Capacitors and their application in SMPS for Ham Radio 100W Transceivers"**. More than 50 student members who are budding hams attended the presentation.

Ham Radio Transceivers typically operate on 25% in SSB & 35% duty cycle in CW mode duty cycle mode. Considering properties of Super Capacitors for SMPS power supply that is most useful for hams who take their transceivers when traveling. It is capable of operating most 12 Volt, 100 Watt transceivers in normal voice SSB or Morse CW modes. Use of Super

Capacitors would make a great power supply for DX expeditions. It is especially useful when used with smaller transceivers.



Vilas said: *"I am in the process of making professional prototype for Rajkot Hamfest .The said SMPS is guaranteed to operate 12 volt Transceiver up to 100 Watts output using Morse CW or Voice SSB. You have to see it to believe it. It will power your radio continuously for normal QSOs... in fact, you can contest with it!"*

Ham radio uses power only 35% of the time (duty cycle) when transmitting CW, and about 25% during normal Voice SSB operation. The proposed SMPS provides full power capability by the use of Super-Capacitors which act like short term batteries. Between spoken syllables and between Morse code characters, the Super-Capacitors are being recharged, ready for the next high current pulse requirement.

This allows the total weight and size of the power supply to be reduced to 1/3 that of any other power supply in the market.

And it operates equally well on input voltages between 100 and 250 VAC, 50 or 60 Hz.

AMATEUR RADIO CLUB at Dr. D.Y.Patil School of Engineering, Pune

A new Amateur Radio Club is being formed at Dr.D.Y.Patil School of Engineering, Pune as a result of a talk and a presentation conducted by OM Vilas VU2VPR last year.

The event was conducted by the E. & TC department of the school attended by ten members of the faculty and several students. OM Vilas had provided full information on Amateur Radio as a hobby, setting up a station, club activities, contests and all related subjects.



The participants showed keen interest in the subject, and made the necessary move to form a Club at the school for the benefit of the students. Mr. Riyaz Kazi, an Asst. Professor at the school has been instrumental in starting the club.

MONTHLY MEET AT PUNE

We had monthly eyeball QSO of Pune Hams over a cup of coffee at usual place Hotel Kollage near Film Institute. The following Hams attended:

- 1: VU2NSL - OM Subbu
- 2: VU2VPR - OM Vilas
- 3: VU2MIL - OM Milind
- 4: VU2KI - OM Keki
- 5: VU2WET- OM Faruk
- 6: VU2SIJ - OM Sanjay
- 7: VU2DVW - OM Deepak
- 8: VU2CBR - OM Ronny
- 9: VU2CKI - OM Chandu
10. VU2MSB - OM Milind
11. VU2ROQ OM Ravi

OM Chandu shared probable plan how Nasik Police is going to Handle Kumbha mela. Nasik

Hams have offered their services to Police handling emergency traffic

OM Subbu shared about Ham Radio activity in Cochin and their regular meetings having attendance of 30 plus.

OM Keki shared some interesting information of his stint in the BRD-9 Base Repair Department of The Indian Air force. Ham Radio hobby helped Keki for making small test gadgets.

The group planned some concrete activities in coming future. Will be shared once they are realised.



We meet every first Sunday of the Month at 10:30AM at Hotel Kollage near Film Institute. The visiting Hams can get in touch with me or any other Ham from Pune

With best regards & 73

Vilas Rabde VU2VPR Pune



The B.A.R.C.'s annual FOX HUNT / ARDF is being held on the 1st November 2015. The teams will be flagged off at 8.30 AM and they proceed to take up vantage points for tracking the signal. The Fox will be located within an aerial distance of 15 KM from the Prize Distribution venue.

Fox Transmission shall start at 9AM and the duration of the hunt will be two hours. Transmission shall be at every fifth minute and ends with a Morse Tone Consisting the letters M-O-E.

Thirty seconds on high power and 30 seconds on low power, the signal will be vertically polarized and Frequency will be **145.000 MHz**.

The Game Controllers are
VU3JBA - Somashekar and his YL Harmonic
VU3JLY YL Vatsalya

**LOOK OUT! IT'S NOT ALWAYS THAT THE
FOX THAT IS HUNTED!! Hi**



B.A.R.C.'s once popular **SUNDAY MORNING INFORMATION BULLETIN** is back on the air since an year, on 145.650 VU2TWO repeater starting at 07.15 every Sunday. Compiled and read out by Venkatesh VU3IMV, supported by Dash VU2DKV and Prakash VU2IBI.

BARC held the Annual General Body meeting along with elections to Managing Committee on 30th August 2015. The event was attend by 47 members. Certain amendments to bye-laws, revision of membership fees, annual calendar of events were proposed and adopted.

The following are the newly elected members of the Managing Committee:

G. Ram Mohan –VU2GRM - President
K.V. Dasharathi – VU2DKV -Vice President
P.Kiran Kumar – Secretary
G.L. Sreedhar- Joint Secretary
V. Ramesh – Treasurer
Krishna Kumar – Committee Member
C.S. Vivek – Committee Member
Chandra Shekar – Committee Member
Vijay Kumar Yadav – Committee Member

Best wishes to the newly elected members.

POLLACHI HAMS MONTHLY MEET

Pollachi hams met on 11th October:



VU2 -OVA CMN VKS DX GEK SWL WDP ANT

HAM VOLUNTEERS BEHIND WEATHER WARNING SYSTEMS

***THE BOSTON GLOBE** reports on the Radio Amateurs who provide support to the National Weather Bureau in the United States:*

TAUNTON, MA — It was late afternoon, and a set of thunderstorms was working its way from Vermont into Western Massachusetts. One particular cell was dropping precipitation from high in the atmosphere, and forecasters feared dangerous hail along the Deerfield River.

The National Weather Service made the call: severe thunderstorm warning. In a corner of the agency's office, Rob Macedo picked up his amateur radio and began his efforts to roust the agency's army of weather spotters.

Doppler radar can tell a trained meteorologist a lot about the weather, but it's hard to know what's going on in any one place without seeing it from the ground. For help determining whether a storm is a real threat, the weather service relies on the accounts of ham radio-equipped volunteers.

"This is WX1BOX at the National Weather Service in Taunton monitoring for a severe thunderstorm warning," Macedo says when he signs on, offering the time and location of the threat. "We're looking for any reports of hail, strong winds, wind damage, flooding, or lightning damage in this area."

The storm system was moving over the small town of Buckland, and nobody there was responding to Macedo's entreaties. Had the weather service been quick enough in issuing the warning? Equally worrisome: Had they overreacted? Issue too many warnings and people might stop heeding them.

Forecasters have monitored Hurricane Joaquin in recent days, looking down on it from satellites above and sending hurricane hunter planes through the clouds. But if such a storm were to come ashore, the accounts of spotters on the ground would become crucial.

How much rain is falling? Are there damaging winds? These are key questions as emergency management agencies respond to any storm, especially the most dangerous ones.

The weather service has about 8,000 trained spotters in the area of Southern New England covered by the Taunton office. They've all undergone a roughly three-hour course that shows them some meteorological basics: why tornadoes form and how to spot them

developing; how to measure snow depth; the best way to describe the size of hail.

It's all part of a program ominously named **SKYWARN**.

There are many ways to report a weather observation. Some people use an online system provided by the weather service. Some call in by telephone.

But the backbone of the spotter team is composed of amateur or "ham" radio operators — about 3,000 of them — who relish a big storm as an opportunity to put their communications skills to use.

Glenn Field, the warning coordination meteorologist at Taunton, says the hams are an important piece of the weather emergency infrastructure.

"The amateur radio network is so extensive that we are able to get reports very quickly throughout our region," he said. "Amateur radio can be the only means of communication in a really severe storm — like a hurricane, for example."

If phone lines go down, power goes out, and the Internet stops working, amateur radios can still work with battery power.

Chief among the volunteers is Macedo, a 41-year-old senior manager at the data storage company EMC. He works nearby and has a flexible enough schedule that he can run out and man his ham radio station when the weather turns.

Macedo spends 15 to 30 hours per week on the spotter program, though it can be much less in calm periods. He takes the job seriously. It's something he sees as more duty than pastime.

"It's more than a hobby, for sure, so we try to give it a very high level of dedication," he said. "It's something you just manage your time and do accordingly."

As the recent storm continued to roll through sparsely populated Buckland, Field tried working the phones to find out whether anybody had seen anything. Spotters usually have their phone numbers listed with the National Weather Service. Nobody picked up.

Macedo was logged into a computer as he sat by his radio. He messaged a Facebook group of SKYWARN participants, and also logged into AOL Instant Messenger to consult other hams.

Ham radio operators like to refer to the technology as the original social network. Long before the Internet allowed instantaneous, remote interaction on a grand scale, hams were making a sport of how many people they could contact with their sets.

Far from obviating the need for ham radios, enthusiasts say, online services have enhanced their ability to communicate, allowing them to bridge gaps in their network.

"There's a common misnomer that the social media world and the Internet and cellphones and all that has supplanted ham radio," said Sean Kutzko, public relations manager at the American Radio Relay League, a national association of amateur radio enthusiasts. "Ham radio operators simply took all this new technology and integrated it."

Interest in ham radio appears to be growing. The number of licensed operators in the US has been rising in recent years, and by last fall had reached an all-time high of 723,771.

Though many of those users don't pick up their radios every day, Kutzko says he's seen a marked increase in enthusiasm.

Well into the recent storm warning, Macedo's radio crackled to life. One ham had heard another ham's account of pea-sized hail in Buckland and passed it along.

Though the hail was not as large as officials expected it to be, it still showed that

forecasters got an early read on the storm's capability. For Macedo, personal reports like this help the public take storm dangers seriously.

"It always feels good to know what's happening on the ground," he said. "It tells people that, 'Yes, it's actually happening, and that if it's coming my way, I need to go take cover.'"



As soon as I QSYed to B.R.HILLS in 1991, I approached the METEOROLOGICAL DEPARTMENT of the Govt of India in Pune, offering my services by establishing a weather station at B.R.HILLS as there are no stations in this area. IMD responded by informing that I can contact their BANGALORE station for any weather information that I may need, and a station at B.R.HILLS was not needed. --- Ed/

DECEMBER IS YOTA MONTH

The IARU Region 1 Youth Working Group Chair Lisa Leenders, PA2LS reports on Youngsters-On-The-Air month which takes place-in-December.



The entire month of December, several youngsters will become active with YOTA as suffix in the callsign. The idea for this is to show the amateur radio hobby to youth and to encourage youngsters to be active on the ham radio waves. Give a demonstration on a school

or local club, gather together with your friends, grab a pizza and make some QSO's or enjoy a great pile-up. Let us all show this great hobby to-the-world!

Feel free to make a QSO with the youngsters, they are happy to get some attention and exchange information. Licensed and unlicensed youth will be making QSO's, be aware this could be their first radio contact ever and give them a chance to experience a possible-new-hobby.

Or apply for a YOTA callsign. To apply for this you need to follow some rules:

- 1- Although this is a friendly activity, some rules are needed.
- 2- Have a callsign with YOTA in suffix. For example:- VU2YOTA
- 3- Maximum of 2 call signs per country. If you are willing to make an exception, for example your country has several prefix districts, feel free to contact us with your request.
- 4- Applicants must ensure that the callsign is used primarily to get Youngsters On the Air (Youngsters are defined by IARU R1 as 'under-26')
- 5- We kindly ask to upload the ADIF log on a daily basis. At least all QSO's must be sent as ADIF file before 10 January 2016.
- 6- All QSO's must be made in December 2015.
- 7- This is NOT a contest, we are trying to spread the word! Talk to people about what we do, not only quick 5/9's. Admitting, a pile-up is always fun and off course we all love it
- 8- All participating call signs must apply! Deadline for registration will be closed on 20 November-2015.

*we are aware that it is not possible to have a callsign with YOTA in suffix in all countries. Is

this also your case and would you like to take part, please-contact-us.

*all applicants applying for a YOTA callsign should be a member of an IARU member society.

More-info:

<http://www.ham-yota.com/december-yota-month/>

Registration-page:

<http://www.ham-yota.com/december-yota-month/register/>

Youth to grow Amateur Radio

A potential growth area for Amateur Radio is involving younger people as a wonderful 'for them' and 'hands-on' communications activity.

A report to the IARU Region 3 Conference in Bali Indonesia (October 12-16) comes from the Region 3 Directors, that describes as an underlining theme, where the next generation of radio amateurs comes from, so that what is enjoyed today, can continue to provide benefits to the community.

At Bali, there were delegates from 15 societies and 3 more by proxies. Along with this 13 delegates representing the International secretariat- The President, Vice President and Secretary of IARU - as well as the Presidents of Regions 1 and 2, and 24 observers (non-voting members) were also registered.

The Directors noted that there are other effective ways of making Amateur Radio grow, including reviving lapsed radio amateurs, broadening its appeal in a crowded marketplace that has many other activities, and tapping into the like-minded followers of the-DIY-Maker-Fairs.

However, the report suggests a focus on Youth may be lacking by some Member Societies in

our-region.

The PARA Kids Day event has a distinctive logo of a kid with the microphone and a tuned circuit, the WIA through its Foundation Licence is finding it attracts some younger new hams, and activities for younger people is the JARL Ham Fair - there may be some other examples too.

The Youth theme is heavily promoted in the IARU Region 1, with the concept now also being taken up outside Europe. For example: YOTA-(Youngsters-On-The-Air).

The IARU Region 2 has the ARRL showing a lead with its Kids Day to promote Amateur Radio to Youth.

The Directors suggests to the conference delegates that embracing Youth be considered now by all Member Societies, and that it be the theme with reports for the next and 17th IARU Region-3-Conference.

Tnx: Jim Linton VK3PC



Daytime meteor shower in progress

As I am writing this, a radar in Canada is detecting echoes from a fairly strong meteor shower this month.

The source appears to be debris from asteroid labelled 2005 UD. We cannot see the streaks in the sky because they are in the daytime sky, overwhelmed by the glare of the sun.

You can, however, hear their radar echoes. Visit <http://spaceweather.com> for live audio and more information. /Ed.



HAVE YOU HEARD OF 8 METERS?

ZS2ACP and ZS6WAB establish new record!

Andre Botes, ZS2ACP, in Port Elizabeth worked **Willem Badenhorst, ZS6WAB**, at Polokwane on 40.682 MHz FSK441 via meteor scatter on August-6-2015.

This is a distance of 1,184 km, a new South African Radio League record as well as a world record. Earlier on, Ian Roberts ZS6BTE, and Willem ZS6WAB had set up the first-ever record on this band, over a Tropo-scatter distance-of-around-300-km.

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

SHARE A PHOTO OF YOUR SHACK FOR A CHANCE TO WIN A GRUNDIG-G2 RADIO !

This month, on the **SWLing Post**, we'll be collecting photos of our readers' listening posts, radio shacks or favorite listening spots.

And we don't care if your listening post or shack is filled with gear or consists only of one radio in a public park; we're just glad you're listening or on the air, and we'd love to see how.

We will pick one reader at random to win a Grundig G2 portable receiver, provided by Universal Radio.

This contest is open to anyone, anywhere.

Details-can-be-found-here:

<http://wp.me/pn3uc-3TU>

TNX - Thomas K4SWL



The October issue of the free bi-lingual Dutch Kingdom Amateur Radio Society magazine. is made available in the convenient PDF format or you can view it online in "Flip" format.

In this issue, **Peter de Graaf PJ4NX/PA3CNX** highlights the new high speed (60 Mbps) Power Line Communications PLC-based Internet access system being tested by Enexis in-Vledderveen-Stadskanaal.

Such systems have the potential to cause severe pollution of the RF spectrum. DKARS have sent a letter outlining their concerns to the Dutch communications regulator Agentschap Telecom.

You can download the October and previous issues of the magazine from

http://www.dkars.nl/index.php?page=magazine_uk

JARL創立90周年
記念サイト



Your President attended the TOKYO HAMFAIR conducted along with the **90th Anniversary of JAPAN AMATEUR RADIO LEAGUE** earlier this year. A plaque was presented to the President, JARL on behalf of the ARSI



VU2TS AT OE1XTU CLUB STATION

Your editor was in Vienna, Austria last month, and had the pleasure of a visit to the Club Station of the Technical University, Vienna. Chris OE1VMC the President of the Club, and Arpad OE1SZW an active DXer and the immediate past President - were kind enough

to show him around the University and the Club Station OE1XTU. OM Andreas OE1AJW was also present.



Chris – OE1VMC

The station is fully equipped for all band all mode HF, VHF/UHF and Satellite communications. A visit to the roof showed a STEPPIR DB-36 Yagi on a rotatable mast, dipoles for 80 and 40, and a vertically polarized antenna with mast amplifier for the VHF/UHF bands. There is a 3.8 meter dish for the satellite ground station too.



Arpad OE1SZW

The Club is a part of the ÖVSV - The Austrian Radio Society - founded in 1921 and member society of the IARU.

The station is QRV on PSK and JT65 on weekends - time permitting, as the band conditions for the other modes being rather poor. Yes, OF COURSE, OE1XTU, OE1VMC, and

OE1SZW will now look for VU contacts, HI. The Editor thanks them for the excellent hospitality and courtesy extended.



DB-36 at OE1XTU – below: SANDPIPER MV-6



THE 58TH JAMBOREE ON THE AIR– 2015

More than a million Scouts & Guides all across the globe will be looking to connect with fellow Scouts & Guides by way of amateur radio for the 58th Jamboree on the Air sponsored by the World Organization of the Scout Movement and the Boy Scouts. The event runs Oct. 16 through the 18th .

It is still the largest Scouting event in the world. Last year, some 1.3 million Scouts & Guides took part and they were spread among 157 countries.



More than twenty JOTA stations across India participated in the event last year. While this was an opportunity for Scouts and Guides to interact with their counterparts elsewhere in the world, at the same time they were exposed to the fascinating hobby of Amateur Radio.

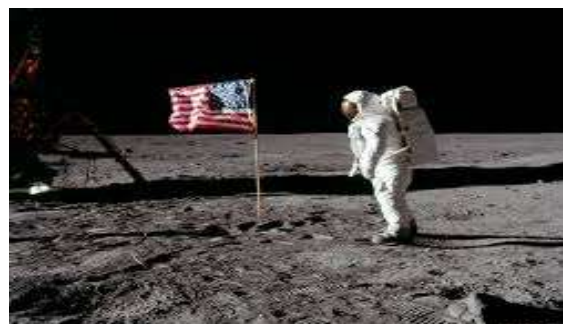


EAVESDROPPING ON APOLLO 11

Here is the nearly forgotten story of how a radio amateur successfully detected transmissions from the first men to land on the Moon.

In July of 1969 a ham radio operator who was also an amateur radio-astronomer by the name of Larry Baysinger, W4EJA, accomplished an amazing feat. He independently detected

radio transmissions from the Apollo 11 astronauts on the lunar surface.



His accomplishments were recorded by Glenn Rutherford, a young reporter for the Louisville (Kentucky) Courier-Journal. "Lunar Eavesdropping: Louisvillian hear moon walk talk-on-home-made-equipment."

Read the full ARRL story at:

<http://www.arrl.org/eavesdropping-on-apollo-11>

Techniques of A1 Operators

Mitch Stern W1SJ's popular talk at the 2015 Dayton ham Hamvention® will help new hams learn some good habits, and old hams (who are willing to change their ways) break some-bad-ones. Must watch - HRN 216: Techniques of the Best Operators:

<https://youtu.be/TaYuQ5HJeZw>



Heard of Parachute Mobile?

MARK, AF6IM, age 66 is engaged in parachute mobile jumps! He often tries HF QSOs on 10M 28.425 USB.



Mark says: *"Have made two prior 10M jumps with good results, up to 12 QSOs to 110 miles out, but no DX due to conditions."*

Audio file from last Jump (Sept 20) is in the eHam post. Hopefully with better conditions in Oct we might get our first DX contact." See:

<http://www.eham.net/ehamforum/smf/index.php/topic,105553.0.html>

Tnx: Southgate ARC

RSGB YOUNG MEMBERS

The RSGB has released statistics on the number of young members and should soon be releasing a new video 'Hobby for the 21st Century', which is aimed at encouraging youth into-the-hobby.

At the RSGB Convention it was announced there were 227 young members of the RSGB. The comparable figure in 2011 was 410. The young amateur category for free RSGB membership is defined as UK amateurs under 21 plus those who are under 26 and in Full Time Education.

Where have all the young hams gone?

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