

Special Message from the President

Fellow Rotarians and ROAR members,

Soon it will be eight months since I mounted the saddle. Some members of our board had already made a long day in serving our Fellowship and wanted to give the seat to new ones. Secretary Noel VK2IWT left his pen to Elwood Anderson AE5EA (Andy), Ted Nelson KL7USN as Regional Vice-President USCB West moved to Alaska and have no aerial possibility. Fellows were calling for Chuck Graham KI6DCD and he has taken over but still recovering from kidney operation. As a new Vice-President we have Cees Jan van Mourik PA2X whose area (Continental Europe, North Africa, Eastern Mediterranean) has not got very many members. YET!

I warmly thank every outgoing member for the job well done and welcome the new members of the Board to the exciting and challenging world of Rotarians of Amateur Radio. We have many things to do!

Diane Main VK4KYL has handed the editorship of our magazine over to James Kalassery VU2ARL. Welcome James and thanks for taking the task under your wings.

A lot of work was done last Autumn to establish the machinery and we are now test running it. For reasons of increasing cost of printing and distribution and also to take on the challenge of new technology we are distributing it via the internet but also having it in our web site. It only can be sent directly to you if you keep your contributions and e-mail addresses updated. For those members who do

not have access to Net yet, we are making different arrangements but then keep your QTH info valid! Please remember every now and then to check the web pages at www.ifroar.org and participate in the production of our Communicator! Communicate!

Felicitaciones a nuestro Editor James y bienvenido a bordo!

Meine besten Glückwünsche an James und Willkommen am Schiff.

73,

Yours in Rotary,

Rtn Pertti (Pete) Kause
EA7GSU / OH1SH
(RC Benahavis-Costa del Sol, Spain)
President, ROAR, 2009-2012

New digital ATV experiments on 70cm show promise

The 70cm band has been used for fats scan ATV since the 1950's. Until recently these transmissions used conventional analogue maculation, just like broadcast TV on the UHF bands. The bandwidth of such a signal using 625 line transmissions is 8MHz. The bandwidth of the 70cm band 10MHz in most areas of the UK. So you will see that an analogue TV transmission fills up most of the 70cm band. The 70cm band plan available on the RSGB website recommends an ATV carrier frequency of 435 to 438MHz and therefore it is inevitable that there will be interference between these analogue TV transmissions and other users of the band.

To solve this problem amateur television enthusiasts throughout Europe have been experimenting with digital modulation. There are two types of modulation in use: DVB-T, as used for terrestrial broadcasting and DVB-S, normally used for satellite broadcasting.

DVB-T, as used by Freeview in the UK, uses COFDM modulation with 2000 carriers in a fixed 8MHz channel

bandwidth. Because of this fixed bandwidth it is not suitable for 70cm use. DVB-S, as used by the satellite broadcasters, uses QPSK (quadrature phase shift modulation) with a channel bandwidth that is proportional to the data rate. Using 2 Mega Symbols per Second (MSPS) with a Forward Error Correction (FEC) of 50% the bandwidth works out to be almost exactly 2MHz. Using a carrier frequency of 436MHz, the channel is from 435 to 437MHz, far more compact than the analogue transmissions. Other advantages are that perfect pictures and sound are obtained using a tenth of the PP power required when using analogue modulation.

Mike, G8LES, near Alton, Hampshire and Dave, G8ADM, near Harrow, Middlesex have been exchanging pictures recently using DVB-S on 70cm. The path is 50 miles and obstructed. They use 40W into 20 element yagis and get perfect results. The transmitter used an ex-broadcast encoder/modulator with modified amateur SSB transverter to get the output to 70cm. On the receive side a simple upconverter is used to convert the 70cm signal to 1336MHz and then feed a conventional domestic digital satellite receiver.

(Taken from The Radio Society of Great Britain "RadCom" dated September 2007-08-24)



G8LES as received by G8ADM



Cees Jan van Mourik PA2X, VP CENAEM



Tim Masuda JH1NVZ, VP Asia

RI Board Decisions - Highlights

The second meeting of the 2009-10 RI Board of Directors was held on 2 to 5 November 2009, in Evanston, Illinois, USA. At this meeting the Board reviewed reports from 17 committees and recorded 90 decisions.

Club and District Matters: The Board replaced the current regional Rotary International membership coordinator program with a new Rotary coordinator program. Rotary coordinators will have a broad role in efforts to increase club membership. They will be trained in all aspects of RI programs and will promote best practices for the strengthening of clubs and districts. The Board authorized the president-elect to appoint 41 new Rotary coordinators to serve in the same geographical regions as the regional Rotary Foundation coordinators, beginning in 2010-11.

The Board amended its policy regarding the definition of a properly functioning Rotary club to include the adherence to Rotary policies, procedures, and best practices. Clubs that do not meet these criteria will be considered non-functioning.

RI Administration and Finances: The Board adopted revised RI mission and vision statements and amended RI's strategic priorities.

The RI Mission: We provide service to others, promote integrity, and advance world understanding, goodwill, and peace through our fellowship of business, professional, and community leaders.

The RI Vision: We will be the service organization of choice with dynamic, action-oriented clubs whose contributions improve lives in communities worldwide.

RI Strategic Priorities: Support and Strengthen Clubs, Focus and Increase Humanitarian Service, Enhance Public Image and Awareness

RI Programs, Communications, and Awards: The Board received a report on Rotary's US\$200 Million Challenge, indicating that as of 27 October, RI has received over US\$100.8 million toward the challenge. The Board also received an update on

Kalyan Banerjee is RIPN 2011-12

Kalyan Banerjee, a member of the Rotary Club of Vapi, Gujarat, India, since 1972, is the 2011-12 RI president-nominee.

Banerjee is a director of United Phosphorus Limited, the largest agrochemical manufacturer in India, and the chair of United Phosphorus (Bangladesh) Limited. He is a member of the Indian Institute of Chemical Engineers and the American Chemical Society, a past president of Vapi Industries Association, and former chair of the Gujarat chapter of the Confederation of Indian Industry. He earned a degree in chemical engineering from the Indian Institute of Technology, Kharagpur, in 1964.

Banerjee has served Rotary as a director, Rotary Foundation trustee, committee and task force chair, International Assembly group discussion leader, president's representative, and district governor.

The chair of the Southeast Asia Regional PolioPlus Committee, Banerjee has served as a member of the International PolioPlus Committee for many years and has attended international meetings with the World Health Organization and UNICEF in that capacity.

Banerjee is a Major Donor, Benefactor, and Bequest Society member, and has been awarded the Foundation's Citation for Meritorious Service and its Distinguished Service Award.

Banerjee also serves as a trustee of Rotary club-sponsored trusts that support many educational and community development programs in India, including a 250-bed hospital.

He noted that Rotary's strengths include its ability to attract leaders from different vocations around the world, as well as its role in promoting peace. "Rotary needs to become the preferred organization for today's generation to join and participate in, to make the world better and safer and happier," he said.

Banerjee's wife, Binota, is a social worker and Inner Wheel club member. The couple have two children and four grandchildren.

Source: rotary.org

PolioPlus, which noted that while four countries remain endemic for the wild poliovirus (India, Pakistan, Afghanistan and Nigeria), much progress has been made in containing the virus from spreading.

The Board agreed to appoint an ad hoc committee to develop the details of a new Rotarian Action Groups (RAGs) pilot project. RAGs under the pilot are to serve as an available resource to one or more of the Future Vision Plan's six areas of focus. Additionally, these revised RAGs are to be controlled and managed by a seven-member board; they will continue to identify club and

district projects that are supported by existing Foundation programs; they will be subject to RI circularization policies; and they will be required to establish a Rotary Foundation donor advised fund to accept all charitable funds they receive.

The Board selected 144 recipients for the 2009-10 Service Above Self award, which recognizes exemplary humanitarian service provided on a continual basis by Rotarians who might otherwise go unrecognized. The names of the recipients will be announced at the end of the Rotary year.

Source: Rotary International

ROAR Montreal

ROAR has been granted a special callsign for the Montreal Convention June 18-24, 2010. We are working towards having a remote controlled station active in our booth in the House of Friendship.

The callsign is

VC2R

We are looking forward to also have an eyeball QSO with all of you !

ROAR Directory

Preparations have started to bring out the next ROAR Directory. We are looking into the possibility of online updation and will intimate you as soon as this could be implemented. However, if you have a new email id, please intimate the Secretary and Editor immediately.

Amateur Radio and Linux

Current issue (January 2010) of Linux Journal cover story is about Amateur Radio and Linux. Check <http://www.linuxjournal.com/magazine>

For those without access to the printed version: usually they put some of the articles online after a few months.

AT10BP in Antartica

VU3BPZ, Bhagwati Prasad Semwal, is back in Antarctica again, as he is part of the 29th Indian Antarctic Expedition, which began on November 15th, until March of 2011. He will be located at Maitri Base and will be operating with his VU3BPZ callsign as well as special

ROAR Reminder

Those who have not renewed your membership please visit <http://ifroar.org> to renew - 1 year US \$10, 5 years US \$45.

ROAR Information

The International Fellowship for Rotarians of Amateur Radio (ROAR) was first organized by the late Byron Sharpe W9BE, in 1966.

PURPOSE: We provide a forum for the exchange of views between members who share an interest in Amateur Radio, as either licensed Radio Amateurs or as ShortWave Listeners with a view to develop understanding, acquaintance, and fellowship between members worldwide.

ELIGIBILITY: To be a member, you must be a Rotarian, a Rotaractor, a retired Rotarian, or the spouse of a member who is a licensed Amateur Radio operator OR have a genuine interest in Shortwave Radio.

ROAR Officers 2009-12

| | |
|---------------------|--|
| President | Pertti (Pete) Kause EA7GSU / OH1SH (Spain) |
| Imm Past President | John E. Maier W8AUV (USA) |
| Secretary | Dr Elwood Anderson AE5EA (USA) |
| Treasurer | Robert (Bob) L. Butler WB7RQG (USA) |
| Communicator Editor | James Kalassery VU2ARL (India) |
| Webmaster | Bill Main VK4ZD (Australia) |

REGIONAL VICE PRESIDENTS

| | |
|-----------|--|
| USCB East | Jim Moran W1QUO (USA) |
| USCB West | Chuck Graham KI6DCD (USA) |
| RIBI | Mike Sanders G8LES (UK) |
| AFRICA | Contact EA7GSU |
| ANZO | Norm Dench VK3DNE (Australia) |
| ASIA | Tim Masuda JH1NVZ (Japan) |
| SACAMA | Contact EA7GSU |
| CENAEM | Cees Jan van Mourik PA2X (Netherlands) |

ROAR Website

In 2004 when I searched for information on ROAR on the internet I found a website that had not been updated for some years.

I took it upon myself to recover the data from that web site and to use it as the basis for a new website with its own domain name - **ifroar.org** (International Fellowship for Rotarians Of Amateur Radio).

The web site has evolved over these past 5 years to become a central point for members and others to gain information about our fellowship.

Generic email redirections for officers were introduced by John Maier 3 years ago. Today it continues to evolve as more sophisticated use is made of it to make ROAR's documents and other publications readily available to members.

73,

YIRS,

Rtn PP Bill Main VK4ZD,
(RC Gatton & Lockyer, Australia)
Webmaster, www.ifroar.org

