



# RSSL NEWS

Oct/Nov 2010

THE MONTHLY NEWSLETTER OF THE RADIO SOCIETY OF SRI LANKA

*The General Meeting for the Month of October 2010 will be held on Wednesday the 27<sup>th</sup> of October and for November on the 24<sup>th</sup> of November 2010.. The venue is the Balcony Hall of the Otter Aquatic Club 380 / 1 Baudhaloka Mawatha Colombo 7. at 6.00 p.m. All meetings will be held at this venue. Its not far from the BMICH towards Borella. Continue towards the rear of the BMICH at the Wijerama Rd / Baudhaloka Mawatha junction.*

## MONTHLY MEETINGS.

Please note that unless otherwise notified, monthly General Meetings will be held at Otters Aquatic Club at 6.00 P.M. on the **last Wednesday of the month**. Please also monitor the RSSL net regularly on 145.625 MHz at 0900 P.M. for RSSL announcements. You are welcome to contact any Council member if you need to verify meeting dates. Membership and ID Card applications can be obtained at the meetings. Membership renewals are also accepted by the Treasurer at the monthly meetings.

*CQ/QST Magazines and radio related magazines: 4S7RD is clearing his shack, so am I 4S7VK, and would have a bundle of magazines for who ever wants them at the monthly meeting. Maybe younger members might find them interesting.*

**AMATEUR RADIO EXAMINATION 2010: URGENT!** The examination is to be held on the 27<sup>th</sup> of October. TRCSL informs the RSSL that admission cards are being sent out. **If anyone who applied doesn't get his/her admission card he/she should immediately contact the TRCSL Mr. Ganeshamoorthi Asst. Director. Don't miss the examination Tel: 0112683861.**  
**P.S. Late note says 30<sup>th</sup>/31<sup>st</sup>, anyway check it out.**

## **GLEN WICKREMARATNE 4S7GV- MAN FOR ALL SEASONS!!!**

We all wish Glen- "George Victor" a speedy and complete recovery from a recent mishap from which he came out with near flying colours. We are very happy that Glen survived a very nasty fall while trying to change a light bulb.

You can hear Glen on 145.550 at 6.30 in the morning, and at 8 a.m. and 4 p.m. on the Yati repeater.

## **NUWARA ELIYA REPEATER:**

President Dammika 4S7DF and V. President Harenn 4S7RD went to Oliphant Estate/TNL site of the repeater, doing a 3 km up and 3 km down trek with the repeater Duplexer and all on their shoulders as the vehicle wasn't able to go that last 3kms. A rugged 4x4 vehicle could have made it but they decided to save Rs. 6000 for the RSSL. Even the wx gods were kind in that the rain held back. The approach road is very bad and is like a dried up riverbed. Sadly the repeater was found to have been hit by lightning and in situ repairs were not possible. The VOA/IBB engineers have kindly agreed to help with the repair and we hope the damage is not too extensive. Lets keep our fingers crossed.

## **HOME BREW REPEATER: 4S7RO/4S7RL.**

The RSSL is proud of 4S7RO/4S7RL the two Rohans that these two members have developed their own controller with no ideas borrowed from the Internet or the use of any kits. The entire design of the circuit and the PCB layout are their own and lacks nothing that commercial controllers offer. It is fully in compliance with regulations ie: can be turned on/off with DTMF, identifies at predetermined intervals as well as many other features. Further, the circuitry is made up of components that are easily available in the local market They say they could easily have imported a commercial unit like the VK5DJ controller, but emphasis was on developing something the RSSL can be proud of as their own.

"In the absence of a duplexer, separate antennas were used for RX and TX, but we achieved excellent rejection between TX and RX by the use of carefully designed collinear antennas and coax notches".

This design can benefit the RSSL/community in future during emergencies or special events or in the event that one of our existing repeaters breaks down completely. They plan to develop this repeater system into a very portable unit that can be set up in quick time. It would be easy to duplicate these units of course. Unfortunately 4S7RO had to travel abroad a few days after the tests, but on his return more will be done and with a little luck they might consent to demonstrate and speak and answer any questions at the November General meeting. Congrats RO/RL for an excellent project. ED.

**JOTA 2010:** This year's Scouts Jamboree on the Air was held on the 16<sup>th</sup> and 17<sup>th</sup> of October and the RSSL assisted the Scouts HQ as best as possible at very short notice. The following stations were on the air.

H. Durgabakshi	4S7RD	Lyceum International Nugegoda.
Asgar Allibhoy	4S7AA	Buhrani College - Colombo 4. Assisted by 4S7GF/4S7PR
Victor Goonetilleke	4S7VK	Blind School Rathmalana assisted by 4S7NI/4S6URN
J. T. Wijayratne	4S7VJ	Ratnapura Fergusson H. School Assted by 4S7WL/4S7UV
C. Kulasekara	4S7CK	Ettampitiya M.V. Ettambitiya Bandarawela.
Sarath Mapa	4S7MM	Ibbagamuwa M.V. assisted by 4S6AHB

## **MODERN COMMUNICATION TECHNOLOGIES**

ISBN 978-955-658-237-6 VY KUSAL EPA 4S7KE

The RSSL is proud to announce the launch of this book by Kusal who needs no introduction to the Amateur Radio community of this country. This book is a very timely and useful literary tool for anyone interested in any form of communication from a cell phone to GPS navigation systems. It is easy to understand and grasp, well written and when you put it down after 200 pages you will be a different person as regards understanding modern technologies. Rs 450 is well spent and the book is available at Vijitha Yapa, Sarasavi and Lake House book stores.

Congratulations Kusal for a job well done. I understand a Sinhala edition is also in the making.

**CW-AWARD:** Dr. Nishantha Perera 4S7NI has been awarded 1<sup>st</sup> place in the single operator, 20m contest of the ARRL. The RSSL congratulates Nishantha for putting Sri Lanka on the international map. It is not so long ago that 4S7KM Ranjit also won a similar award.

**NOTE: CQ World Wide SSB DXContestSaturday, October 30**

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**RSSL COUNCIL CONTACT INFORMATION** President: Dammika Fernando 4S7DF, 11A Kawdana Road, Dehiwala.. E-mail [dammika.damrad@gmail.com](mailto:dammika.damrad@gmail.com) Tel: 0777309175, Secretary: Victor Goonetilleke 4S7VK Shangri-la, 298 Madapatha Road, Piliyandala. 2614098. e-mail [victorg@slt.lk](mailto:victorg@slt.lk) Treasurer: Rodney Martensteyn 4S7RM , 21/10 Polhengoda Gardens, COL 5.Tel 2811523 Mob 0714808524 Editor: Victor Goonetilleke 4S7VK Phone: +94-(0)11-2614098 Mob : 0718328336 E-mail: [victorg@slt.lk](mailto:victorg@slt.lk), [victor.goonetilleke@gmail.com](mailto:victor.goonetilleke@gmail.com)