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WAVELENGTH

OFFICIAL BULLETIN OF THE SCARBOROUGH AMATEUR RADIO CLUB INC.

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PARTICIPATE

ENJOY

SARC Nets:

Sunday: 28.730 MHz.
CW 10:00 AM
SSB 10:30 AM

Tuesday: 147.060 MHz.

Thursday: 28.730 MHz.
SSB 07:00 PM

**Everyone is invited to check in on
CW before the nets start.**

These are open nets. All licensed Hams are always welcome. Come and join us.

We also want to emphasize that 28.730 MHz. is our calling frequency. Please monitor and/or call your friends. 19:00 hrs is a good time.

Rambling on!!

Monday, December 10, 2007 is election night. Rather important, wouldn't you think? Your election committee under chairmanship of Audrey VA3YD has been hard at work to get a list of candidates together. There are still positions on the Board where we do not have anyone running. So give it some thought. Nominations from the floor are always appreciated.

But it is not all business on Monday night. As soon as the elections are over, we have a Christmas party. A dry one I am afraid. But there will be lots of goodies. So take it easy at dinner time. And of course we will have some Christmas music and lots of good camaraderie.

At the last board meeting it was suggested that in the future we should keep election night and the Christmas party separate, so that we can invite fellow hams from other clubs, which is hard to do if we have election first. Too late for this year, but it was suggested to have elections the last week of November. Great idea and I am sure your next Board will implement it.

The name of our meeting place has been changed to Don Montgomery Community Recreation Centre (formerly Mid-Scarborough Community Recreation Centre) It will not make much difference to all your faithful members, but our mailing address should be updated. Same place and the same people running it. Have not done any research on Don Montgomery, but I was told that he did a lot for the community for a very long time. Always nice to see someone is honoured.

According to Ray VE3ZXC and Bert VE3OBU , our new web site is progressing very nicely. Ray is working with Jim VA3KU to transfer the VE3WE.ca domain to ensure a smooth transition. Still outstanding are the mailing list and subdomains for Senators and Satellites. So visit our new site often www.ve3we.com You will like what you see there. Thanks Ray and Bert!!!

SARC received a donation from Rudy VE3HXB. It consists of a Heathkit DX100. Since the club does not have space to store this, nor to operate it, it will be offered first to the members. If not sold we will place it on the Ontario Swap Shop. Bob VE3ILE will pick it up from Rudy's QTH. Fred VE3XOF donated a Heath scope with manual as a raffle prize. Another good reason to attend Election/Christmas party night coming Monday.

73 de Bill VE3ILE



Good to know

During a presentation at a recent Satellites meeting by the Chairman of the day Ian Duff, VE3GNB about VLF and ELF signals (Very Low and Extreme Low frequency) radio signals, the word "Myriametre" came up.

A bit of research showed the following:

Myriametre - a measurement of length equalling 10,000 metre (6 1/4 Mile)

Now you know!!

A Cryptology Story

Having worked as a Cryptologist for a few years myself, a long time ago, I was very interested in the following story. Not only the front line soldier puts his or her life on the line.

Army Sergeant Amanda Pinson worked as a cryptologist in Iraq. Amanda died on 16 March 2006, at the age of 21, in Tikrit, Iraq, when Iraqi insurgents detonated a mortar round in her compound north of Baghdad. She's the 2,315th US soldier to be killed in Iraq. Amanda enlisted in the Army in 2002 after graduating from Hancock Place High School, Mississippi where she won several scholarships. At school she excelled in academics and athletics. She planned to attend college after her military service and become an FBI or CIA agent. After enlisting, Amanda received training in electronic intelligence at Fort Leonard Wood, Missouri. It was there that she learned the importance of cryptology in achieving victory on the battlefield and in saving lives. Amanda was assigned to the 101st Military Intelligence Detachment, 501st Special Troops Battalion, 101st Airborne Division (Air Assault), Fort Campbell, Kentucky. Amanda was part of a highly skilled group of individuals who fought their battles not only on the sands of the desert, but also in the electronic ether. As a dedicated cryptologist her role was to provide and protect essential communications as many cryptologists did in past wars and conflicts.

1. Cryptologists not only work from within the garrison, but in time of war they must also perform on the front lines. They often work in the background, and Amanda's

tragic story reminds us to respect all those who risk their lives, doing things we don't see, hear or know of. Most of them do their job in total anonymity, without the glory and fame given to other soldiers. Often their work is considered secret and vital to their nation's security, thus not allowing them to disclose their important achievements. Cryptologists not only excel in war time. They have also played an important role in keeping peace by gathering information and protecting secrets to keep military powers balanced, as we saw in the Cold War. Amanda is the first female soldier to be honored by the National Security Agency. On 30 May 2006, Lieutenant General Keith B. Alexander, director of the National Security Agency, paid special tribute to Amanda during the Agency's annual Memorial Day Observance and unveiled Amanda Pinson's name, inscribed on the NSA Memorial Wall. I decided to tell her story on this site to remind people that there are more forgotten heroes than those from Bletchley Park or other cryptologists of the past.

They shall grow not old, as we that are left grow old.

Age shall not weary them, nor the years condemn.
At the going down of the sun and in the morning
We will remember them.

Lest we forget.



DX NEWS

ROTUMA ISLAND, 3D2. Tony, 3D2AG expects to be QRV from December 3 to January 20. QSL to home call.

MADAGASCAR, 5R. Remco, PG0A is QRV as 5R8NL until December 7.

He is active on the HF bands holiday style. QSL via PA7FM.

ANDORRA, C3. Salvador is QRV as C31CT and has been active on 40 meters around 2330z. QSL via EA3QS.

THE GAMBIA, C5. Jan, PA4JJ will be QRV as C56JJ from December 1 to 10. Activity may be on 160 to 6 meters. QSL to home call.

BAHAMAS, C6. Bob, N4BP will be QRV as C6AKQ from Freeport during the ARRL 160 Meter contest.

CANARY ISLANDS, EA8. Jean, ON5JV and Georgette, ON6AK will be QRV as EA8/homecalls from Tenerife, IOTA AF-004, from December 1 to January 31. Activity will be mainly on 40 and 20 meters during their evenings. QSL to home calls.

MAYOTTE, FH. Alan, F4RPW is QRV as FH1LE and has been active on 20 meters using RTTY around 1640z. QSL via F6BFH.

REPUBLIC OF KOREA, HL. Lee, DS4NMJ is QRV from Chung Island, IOTA AS-060, until December 1. QSL direct.

THAILAND, HS. Look for HS80A to be QRV on December 1 to celebrate the 80th birthday of Thailand's King, King Bhumibol Adulyadej, HS1A. QSL via operator's instructions.

OGASAWARA, JD1. Masa is QRV as JD1AHC and has been active on the low bands at various times. QSL via JA1BVA.

ARGENTINA, LU. Members of the Radio Club Ushuaia are QRV as AY7X from Isla Grande, Tierra del Fuego until December 2. Activity is on 80, 40, 20, 15 and 10 meters using CW, SSB, RTTY and PSK. QSL via WD9EWK.

ARUBA, P4. K6TA is QRV as P40TA until December 18. This includes an entry in the ARRL 160 Meter contest. QSL via WM6A.

BONAIRE, CURACAO, PJ2. Jeff, K8ND is QRV as PJ2/K8ND until December 4. He will also be active as PJ2T in the ARRL 160 Meter contest. QSL PJ2/K8ND to home call and PJ2T via N9AG.

FINLAND, OH. Operators OH3BHL, OH9KL, OH9MDV, OH9MM, and OH9RJ are QRV using special event station OH9SCL until the end of December. Activity is on 160 to 10 meters using CW, SSB and digital modes. QSL via OH9UV.

ANTIGUA AND BARBUDA, V2. Alan, WQ5W is QRV as V25W from Antigua, IOTA NA-100, until December 2. QSL direct to home call.

FALKLAND ISLANDS, VP8. Chris is QRV as VP8CXV and has been active on 30 meters using RTTY between 2230 and 2330z. QSL via GM0TQJ.

INDIA, VU. Special event stations AU1JCB, AU2JCB, AU4JCB, AU7JCB, AU8JCB, AU9JCB and AT0JCB are QRV until December 2 to commemorate the 149th birthday of the Indian Physicist Jagadish Chandra Bose. Activity is on the HF bands using CW and SSB. QSL all calls direct via VU2SMN.

BURKINA FASO, XT. Michael, F1IQH will be QRV as XT2WC from Bobo Dioulasso from December 5 through early January 2008. QSL to home call.

INDONESIA, YB. Juergen, DJ3KR is QRV as YB1AQB until December 15. Activity is on the HF bands. QSL to home call.



**Propagation Forecast Bulletin 50 ARLP050
From Tad Cook, K7RA**

Seattle, WA November 30, 2007

To all radio amateurs

SB PROP ARL ARLP050
ARLP050 Propagation de K7RA

Sunspots appeared over several days in the past week. November 24-27 had daily sunspot numbers of 15, 12 and 11. Otherwise, the Sun has been blank. In the previous reporting period, November 15-21, there were only two days with sunspots, and the daily sunspot numbers on both days were 13. The result is the average daily sunspot number from the previous reporting period to the current (November 22-28) reporting period rose from 3.7 to 5.4.

There were no days with geomagnetic storms, and geomagnetic conditions should be quiet over the near term. The next recurring solar wind stream is expected December 17. Expect more weeks of no sunspots, with occasional appearances for a few days at a

time. The U.S. Air Force predicts a planetary A index of 5 for the next ten days. For the week, Geophysical Institute Prague predicts quiet geomagnetic conditions for today, November 30, quiet to unsettled december 1, and back to quiet conditions for December 2-6.

Gentlemen,

Learned a lot at last night's VHARA meeting... Not sure if we could now use LNZ to communicate.

As of last month sometime, the LNZ repeater was moved temporarily to a site in Grass Hill (west of Woodville, Not in mapquest or google map for sure.) to avoid some persistent interference . Its actually now running a lot more power (50 watts) than the Lindsay site (seems Lindsay was interfering with someone in Ohio and it was turned down to 6 watts). The Grass Hill site is owned by Doug Peckhover, VE3ATP (Jack, you should remember Doug's helping a lot with SOPRA) and he was willing to leave it there for free.

The new site has some small issues to the southern part of our area, but the club can avoid the annual \$750 fee that COGECO charges for its old position on the tower south of Lindsay. To make a long story short, VHARA is buying new repeater gear and staying in the Grass Hill site. We also rejected Doug's free offer and insisted on paying something to cover his costs.

Another member is getting a tower erected

in the southern area, we *may* be able to take the old Lindsay repeater gear and set up another linked repeater to cover the south (late spring or summer perhaps).

The new house to my immediate east is starting to get sheathing on its roof. Talking to the new neighbors, they expect to move in late March time frame... To my immediate west, they started to dig the hole for the foundation yesterday. Mud everywhere on the street of course, but that means that this side of the street is complete and may get accepted by the city sooner than later and we can put up fences, tool sheds, etc (and antennas!!!). Maybe I need to look and see if there is room in the attic.

73 de Doug VE3MCF



**Merry Christmas
and a
Healthy and Prosperous
2008**

**To all SARC members and readers of the
Wavelength.**
