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WAVELENGTH

OFFICIAL BULLETIN OF THE SCARBOROUGH AMATEUR RADIO CLUB INC.

March 2007 Volume 1 Issue 2

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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 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.

UPCOMING EVENTS

March 12 - Stan Leschinsky VE3TW.
Subject: Radio Amateurs of Canada.

March 26 - The future of SARC

April 9 - No meeting - Easter Monday

April 23 - 61st Anniversary and Awards

SHORTWAVE BROADCAST BANDS		
Frequency in kHz	Frequency in MHz	Wavelength meter bands
2300-2498	2.3-2.498	120
3200-3400	3.2-3.4	90
3900-4050	3.9-4.05	75
4750-5100	4.75-5.1	60
5730-6300	5.73-6.3	49
7100-7600	7.1-7.6	41
9250-9995	9.25-9.995	31
11500-12200	11.5-12.2	25
13570-13870	13.57-13.87	22
15005-15800	15.005-15.8	19
17480-17900	17.48-17.9	16
18900-19020	18.9-19.02	15
21450-21850	21.45-21.85	13
25670-26100	25.67-26.1	11

Listening to foreign broadcast stations are of course a pretty good propagation indicator. And you can hear different interpretations of the world news. Very interesting.
 Courtesy of "Listening In"

Rocket launches on mission to study northern lights.

Cape Canaveral, Fla.

Five science satellites blasted off on a single rocket into a golden sunset Saturday February 17, on a mission to figure out the source of powerful geomagnetic sub-storms in the Earth's atmosphere.
The launch at 6:01 p.m. from the Cape Canaveral Air Force Station came a day after it was scrubbed Friday after strong upper winds forced officials to wait 24 hours.

Scientists hope the \$200 million Themis mission unravels the mystery behind the storms that can damage communications satellites, disable power grids and shoot high levels of radiation down on spacewalking astronauts and airplane passengers flying over northern latitudes.

Scientists believe they also periodically intensify the spectacular light shows seen in the northern lights, or aurora borealis.

ZCZC AP10 QST de W1AW Propagation Forecast Bulletin 10 ARLP010

From Tad Cook, K7RA Seattle, WA March 2, 2007

To all radio amateurs SB PROP ARL ARLP010 ARLP010 Propagation de K7RA

Sunspot numbers and solar flux both increased this week, but just barely. Average daily sunspot numbers rose five points to 19.6, while average daily solar flux rose one point to 75.8. Values are expected to stay about the same over the next week. In fact, the U.S. Air Force predicts an even 75 for solar flux over the next 30 days.

Geomagnetic activity should remain quiet. Geophysical Institute Prague agrees with outlook, predicting quiet to unsettled conditions for today, March 2, quiet conditions on March 3-5, and unsettled on March 6-7. The Air Force predicts 5 for the planetary A index from March 2-5, 10 for March 6, and back to 5 after that. You'll note when there is geomagnetic activity (see

ANNOUNCING THE 2007 DXPEDITION TO HUANG YAN DAO

Better known as ... Scarborough Reef

Bernie McClennyk, W3UR

After three years of effort to obtain permission to land and operate from the most needed entity in the world, that needed authorization has been received. A multi-national team led by W6RGG will operate from Scarborough Reef for ten days in late April 2007.

BA1HAM and **BV4FH** have been instrumental in bringing this operation to reality with ongoing support being provided by N\$XP, N1DG, K5YY and N6MZ. A team is being assembled that will include members from Asia, Europe and the USA.

As with any Dxpeditio n to a location such as this, transportation is very costly and will be the largest single expense. Success will depend on the contributions of the DX community. Scarborough Reef (a.k.a. Huang Yan Dao) is located at 15.1 North 117.5 East in the South China Sea and is more than 500 miles from mainland China. There have been three BS7H operations from Huang Yan Dao, which literally means Yellow Rock Islands. The first operation which made about 2000 QSO's, was in late June 1994 and did not count for DXCC. The second operation started on April 12, 1995 and ran for just under 4 days managing some 11,835 QSO's. This operation did count for DXCC. The last operation took place in late April and early May 1997 but came to a halt after just over 70 hours and 13,154

QSO's. This was when the Philippine Navy showed up and the Chinese ops agreed to leave. Scarborough Reef now ranks as the number one most wanted DXCC Entity. In fact it is number one everywhere except in Asia (#7), North America Mountain Time Zone (#3) and North America Pacific Time Zone (#4) Web site can be found at <http://www.bs7h.com>

QSL manager for the operation is KU9C, Steven M. Wheatley, PO Box 31, Morristown NJ 07963-0031

Here is a little twist on a quote from Mark Twain:

One who does not read, has no advantage over one who cannot read.

WAVELENGTH is the Scarborough Amateur Radio Club's communication for you. Our VE3WE web page and YAHOO group site are easily accessible. Just search for VE3WE. It only takes a little time to be up to date with what is happening in our club.

Yours, Bob VE3IEL, 73

From the Chairman of the Board

The first two months of our tenure haven't been a cakewalk. Therefore we have set aside the 26th of March meeting to try and straighten out some of the problems encountered by your Board. Participation in the nets have also been less than satisfactory. With some exceptions where we had 11 check ins on a 2 M Tuesday eve net. But 10 M never saw more than 5 or 6 check ins. Try to participate!! Due to a bad cold I picked up, we only have 4 pages this time. 73 de VE3ILE



USS New York

RECYCLING WITH A PURPOSE

VE3EQF/Signal

Part of her was built with 24 tons of scrap steel from the World Trade Center,

It is the fifth in a new class of warship - designed for missions that include special operations against terrorists. It will carry a crew of 360 sailors and 700 combat-ready Marines to be delivered ashore by helicopters and assault craft.

Steel from the World Trade Center was melted down in a foundry in Amite, LA to cast the ship's bow section. When it was poured into the molds on September 9, 2003, "those big rough steelworkers treated it with total reverence," recalled Navy Capt. Kevin Wensing, who was there. "It was a spiritual moment for everybody there."

Junior Chavers, foundry operations manager, said that when the trade center steel first arrived, he touched it with his hand and the "hair on my neck stood up." "It had a big meaning to it for all of us," he

said.

"They knocked us down. They can't keep us down. We're going to be back."

The ship's motto? "Never Forget"

ARES News

Sunday April 15th, Toronto ARES is providing communication for the Scarborough MS Walk. The Walk through Thompson Park begins roughly at 10.00 AM, and finishes a little after 12 noon. Organizers and communicators are usually on site by 8.00 AM. The Walk begins at Cedarbrae Collegiate at Markham Rd. And Eastpark Dr. The Walk continues through Thompson Park to Birkdale Community Centre.

The walkers then turn around and walk back to Cedar brea Collegiate lunch room for refreshments.

For this event, what is needed is, as many Amateur Radio Operators with handheld equipment as we can get. There are many areas along the trail to watch for weary walkers, or other problems. Walkers are not the only people that shall be using the Thompson Park areas that day.

Please contact me: Bob Chrysler VE3IEL, ve3iel@aol.com If you think you might be able to help out for this worthwhile event. 74 de Bob.
