



The **NEWSCASTER**

The Official Publication of the Winnipeg Amateur Radio Club
<http://www.mts.net/~warc>

June 2010

IRLP # 1066 on VE4WRS 145.450-

VE4BB

“Elections”

Date: Monday, June 14, 2010
Time: 7:30 PM
Place: Dakota Collegiate (Theatre)
661 Dakota Street (At Beliveau Rd.)

Other Important Dates...

Newscaster: Deadline August 27, 2010

WARC: June 14, 2010—Elections
September 13 2010—

WSC: 2nd Thursday of month
Breakfast—Garden City Inn

ARES: June 29, 2010

Other: June 15, 2010 -Marathon Briefing
Norwood Community Centre
June 20, 2010-Manitoba Marathon
June 26-27, 2010- Field Day
Birds Hill Park

WARC Executive for 2009-2010...

President	Mark Blumm	ve4mab@gmail.com
Vice-Pres.	Garth Blumm	ve4gwb@gmail.com
Treasurer	Bob Jacobs	rcjacobs@mts.net
Secretary	Jim Sutton	Jim.Sutton@AAAalarms.ca
Membership	Garth Blumm	ve4gwb@gmail.com
Programs	Mark Blumm	ve4mab@gmail.com
Director @ Large	Vacant	
Past President	Geoff Bawden	ve4baw@rac.ca

And now a word from the President By Mark, VE4MAB

As yet again another club year comes to and end, our election date us upon us at our June meeting.

Our nominating committee, Garth, VE4GWB and John, VE4JAH, have reached out to the membership and received some yes's, some no's and some maybe's.

We have 6 Executive positions to fill and have been struggling with only 4 members on the executive, thus increasing the work load on each! Out of 100 members, that's not too impressive.

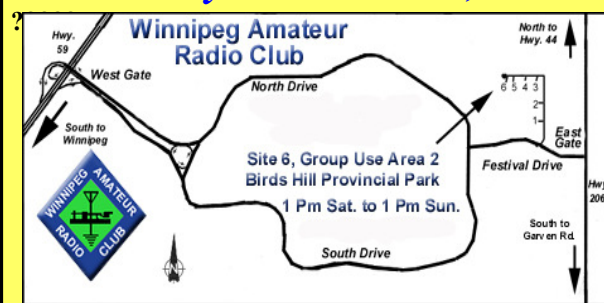
Many of our members have done there part in the past and for their efforts we have a strong club. They by all means have earned their back bench seat and yet have continued to be valuable consultants to the club. Perhaps now it's your turn!

For those they haven't been able to reach, to contact Garth or John to throw your name in the hat for our June election!

*On behalf of WARC I wish everyone a fun filled
Ham Radio summer!*

Till, September, Stay TUNED!

Field Day—June 26-27, 2010



Our Vision

To increase public awareness and respect for Amateur radio; to provide education and support in all aspects of the hobby to our members in a social atmosphere

WARC Meeting Minutes, May 10, 2010

Taken by Jim, VE4SIG

Introductions –

meeting called to order at 1936hrs. We welcomed a newly minted ham VE4SHS to the meeting

Review of minutes of Previous Meeting

Approval moved by VE4GWN and seconded by VE4OAK. Any Business arising from those Minutes - none

Correspondence –

the Secretary reported no new correspondence.

Committee Reports

Treasurer –

A cash flow report was not available due to PC problems – but could report that our recent Flea Market was the most successful in recent memory with the most tables sold and Ruth's Kitchen taking in almost \$400.

Membership –

VE4GWB reports a round 100 members due to recent renewals

DX –

no report was tabled as VE4SN was at home celebrating his anniversary

ARES -

VE4MBQ reports that there is nothing significant to report beyond what's printed in the May newsletter. He still needs 5 volunteers for the Marathon including one back up person in each of the following areas..

South of the Assiniboine River
North of the Assiniboine River
East of the Red River

Education –

no report

Flea Market –

VE4HK he made some changes to the most recent Flea Market all of which were embraced by the member Ship

Door prizes were cash rather than goods Vendor Setup was moved forward to 0945

Press releases sent to most media outlets – resulted in CBC (French) coming down to do a piece including a clip of VE4CY making an HF contact from his car with the French Alps (now on Youtube – just search VE4CY).

We used the WARC PA system for announcing the prize winners (VE4SE informed us there are mike jacks in the room that no one was ever aware of).

We asked attendees to wear Nametags with their name & call sign and the membership thought this was a positive step and should be continued.

Some discussion about the benefits of continuing to have 2 such events a year and it was generally agreed this was a good thing if for no other reason it created an opportunity for people to get together, particularly those out of towners.

Amateur Radio Service Centre
Industry Canada

P.O. Box 9654, Postal Station T
Ottawa, Ontario, K1G 6K9
Telephone: (613) 780-3333
Toll free: (888) 780-3333
Fax: (613) 998-5919

E-mail: spectrum.amateur@ic.gc.ca
http://strategis.ic.gc.ca/epic/internet/insmt-gst.nsf/en/h_sf01709e.html

IRLP Node 1066
145.450 MHz -600 KHz
(VE4WRS)

Comments or if you just want to reach us :

Winnipeg Amateur Radio Club
C/O VE4WSC
598 St.. Mary's Road
Winnipeg, MB R2M 3L5

DIAMOND IMAGE



Floyd Rolph VE4 FDR
835 Cavalier Drive Tel: (204) 888-3227
Winnipeg, MB R2Y 1C6 Fax: (204) 831-6400
- South Western & Victorian home decor
- ty Beanie Babies
- Balloon bouquets & decorating
- Gifts
- Printing eg: Business cards, letterhead, envelopes
- Wedding invitations

Field Day –

VE4BDF was not in attendance but VE4SIG confirmed we cannot get into Kapyong Barracks but are still pursuing the Smart Park at U of M (anyone know a contact?) but had booked our site at Birds Hill. It was asked why we were trying to go somewhere else than Birds Hill and it was stated that Birds Hill is too remote for Media and the public to easily visit. We are still looking for tents (we only have one) and/or trailers to house operating positions.

New Business –

the International Peace Garden HamFest is scheduled for 9-11 Jul and MARMFest is scheduled for 13-14 Aug (dates will be in the Newscaster). We have nominated VE4DAR as our candidate for Ham of the Year for the Peace Garden HamFest due to his work on ensuring a Basic course runs every year and his continued work on articles for the newscaster.

June Meeting will (hopefully) feature a presentation on Solar Energy (it time for Field Day) as well as elections.

We now have a presence on Facebook as well as a Twitter feed (search VE4BBWARC).

WSC -

Talks are going on between the executive and the Winnipeg Seniors Club about what activities we can work on together - the picture is not as dire as the article in the newscaster would indicate.

Storage Locker –

we are in talks with MRS to split the cost of purchasing a Storage Container (~8x8x20) to be stored for free at the compound of Prairie Mobile on Dugald road.

Our portion of the cost of the unit would be approximately \$1500 (one time); our current annual rental charge is \$750.

A motion was put forward by VE4GWN to join with MRS to split the cost of purchasing a storage container (seconded by VE4GKS and carried by a majority)

Good & Welfare -

The City of Winnipeg has finalized their new policy on towers (<http://winnipeg.ca/ppd/celltowers/default.stm>).

Many thanks to VE4HAY and those on his committee that worked on this to a favorable outcome.

Ve4APN (Alexander) passed away on Friday, no obit has yet been published.

Moved to adjourn

Get Ready... D-Star Is Coming To Winnipeg

D-Star mobile and handheld Amateur radios are available from your Winnipeg ICOM Dealer...

Micro-HighTech Communications Ltd.

1348 Main Street, Winnipeg, MB
204-783-1885

Contact George Hill, VE4GDH

Visit Icom on the web..

<http://www.icomcanada.com/products/amateur/amateur.html>

The Program that night consisted of a presentation on D-Star by Don VE4DWG

WPGARES

By Jeff, VE4MBQ

Emergency Coordinator

Four ARES members operated VE4EOC in the city of Winnipeg Emergency Operations Centre WED 5 MAY during the first-ever Open House at the City EOC which was held to observe Emergency Preparedness Week. Volunteer operators were VE4s: AJO, EH, ESX & MBQ.

Thirty Amateur Radio operators attended CANWARN Spotter Training SAT 15 MAY at the City of Steinbach Fire Station featuring Warning Preparedness Meteorologist Dave Carlsen VE4WXG. Thanks to City of Steinbach/RM of Hanover Municipal Emergency Coordinator Denis Vassart for hosting us in the terrific classroom in the Fire Station. Denis also arranged for a very reasonably priced lunch after training. Amateur Operators who participated were:

VA4s GD & CQD with VE4s : VID, GMT, WAL, XM, GMS, HLO, HAY, DWG, MHZ, GLS, AEW, STS, CY, EDE, AJO, SYM, TRO, MMG, HK, GKS, CDM, GWN, EWN, DJS, ALW, SRG, EGL & MBQ.

Our May General Meeting was the CANWARN Net Control briefing provided by Jeff VE4MBQ.

Our next General Meeting is TUE 29 JUN – last TUE of the month. We will not have a meeting in July but resume in August.

Manitoba Marathon

By Jeff, VE4MBQ

Three Volunteer operators for the Manitoba Marathon SUN 20 JUNE are still needed. If able to volunteer or just looking for more information please send me an e-mail at the above address, call me up on VE4WPG or drop by *The Arches* on SAT morning.

The Amateur Radio Briefing will be TUE 15 JUN 1930h Norwood Community Centre 87 Walmer (near Lyndale Dive). If you have volunteered for the Marathon but can't make the briefing please let me know in advance who will be attending in your place to take notes & pick up your materials.

It is assumed that all Amateur Radio volunteers have at least a 2m HT & spare battery packs – if you need a “loaner” let me know that in advance too please – there's not a lot of “loaner” gear out there.

Volunteer form is available at

<http://www.mts.net/~warc/VE4-Volunteer-2010.doc>

Submit is ASAP as an attachment to Jeff, VE4MBQ at: ve4mbq@mts.net

RAC/ARES NATIONAL EMCOMM FREQUENCIES		
SSB	Frequency	Tactical
75M - LSB	3.675 MHz	Alfa
40 M - LSB	7.135 MHz	Bravo
20 M - USB	14.135 MHz	Charlie
17 M - USB	18.135 MHz	Delta
15 M - USB	21.235 MHz	Echo
10 M - USB	28.235 MHz	Foxtrot
CW	Frequency	Tactical
80 M	3.535 MHz	Golf
40 M	7.035 MHz	Hotel
20 M	14.035 MHz	India
17 M	18.075 MHz	Juliette
15 M	21.035 MHz	Kilo
10 M	28.035 MHz	Lima
Digital	Frequency	Tactical
80M	3.596 MHz	Mike
40 M	7.096 MHz	November
40 M	7.096 MHz	November
20 M	14.096 MHz	Oscar
17 M	18.096 MHz	Papa
15 M	21.096 MHz	Quebec
10 M	28.096 MHz	Romeo

<http://www.rac.ca/fieldorg/racaresfreqs.htm>

WARC can now be found on Facebook under the group

Winnipeg Amateur Radio Club - VE4BB

Started on Thursday, April 29, 2010.
Has 31 members and counting.

Summer Events for your Calendar

Field Day

June 26, 27, 2010

Join us at Field Day at Birds Hill Park at Site 6 of Group Use Area 2. Setup begins at 1000 hours and VE4BB will be “On The Air” From 1300 hours Saturday to 1300 Hours Sunday.

Field Day is a great way to experience the many aspects of Amateur Radio. We invite you to bring the whole family and enjoy the fun! You can watch Amateur Radio Operators talk with other HAMS that are miles away, throughout Canada and the US, at stations set up in places like parks, schoolyards! Watch Amateur Radio Operators in action communication around the globe with methods from Morse Code to Satellite or Moon Bounce! Talk-In is 146.820-

47th International HamFest

July 9, 10, 11, 2010

The International HamFest is held at the International Peace Garden with activities centering around the Lodge on the US side of the Garden. There are excellent camping facilities right at the HamFest site!

For directions and all the details visit ...

<http://www.mts.net/~holderr/ihf.htm>

Camp 807

August 3, 4, 5, 2010

This year is being held in Warroad, Minnesota

MARMFEST 16 - August 14, 2010

At the Manitoba Amateur Radio Museum on the grounds of the Manitoba Agricultural Museum in Austin Manitoba, just 120 Kms west of Winnipeg.

For directions and all the details visit ...

<http://www.mts.net/~holderr/marm.htm>

Amateur Radio  A Community Resource

Contest Calendar

Extracted From

<http://www.hornucopia.com/contestcal/contestcal.html>

For June 2010..

NCCC Sprint Ladder 0230Z-0300Z, Jun 4
 DigiFest 0400Z-1200Z, Jun 5
 and 2000Z, Jun 5
 to 0400Z, Jun 6
 and 1200Z-2000Z, Jun 6
 Wake-Up! QRP Sprint 0600Z-0629Z, Jun 5
 and 0630Z-0659Z, Jun 5
 and 0700Z-0729Z, Jun 5
 and 0730Z-0800Z, Jun 5
 SEANET Contest 1200Z, Jun 5 to 1200Z, Jun 6
 UKSMG Summer Contest 1300Z, Jun 5 to 1300Z, Jun 6
 IARU Region 1 Field Day, CW 1500Z, Jun 5 to 1459Z, Jun 6
 RSGB National Field Day 1500Z, Jun 5 to 1500Z, Jun 6
 Alabama QSO Part 1600Z, Jun 5 to 0400Z, Jun 6
 RSGB 80m Club Championship, Data 1900Z-2030Z, Jun 7
 ARS Spartan Sprint 0100Z-0300Z, Jun 8
 NAQCC Straight Key/Bug Sprint 0030Z-0230Z, Jun 9
 CWops Mini-CWT Test 1100Z-1200Z, Jun 9
 and 1900Z-2000Z, Jun 9
 and 0300Z-0400Z, Jun 10
 NCCC Sprint Ladder 0230Z-0300Z, Jun 11
 Portugal Day Contest 0000Z-2400Z, Jun 12
 Bill Windle QSO Party 0000Z-2359Z, Jun 12
 VK Shires Contest 0600Z, Jun 12 to 0600Z, Jun 13
 DRCG Long Distance Contest, RTTY 0800Z-1559Z, Jun 12
 and 0000Z-0759Z, Jun 13
 and 1600Z-2359Z, Jun 13
 VK/Trans-Tasman 160m Contest, Phone 0800Z-1400Z, Jun 12
 Asia-Pacific Sprint, SSB 1100Z-1300Z, Jun 12
 GACW WWSA CW DX Contest 1500Z, Jun 12
 to 1500Z, Jun 13
 REF DDFM 6m Contest 1600Z, Jun 12 to 1600Z, Jun 13
 ARRL June VHF QSO Party 1800Z, Jun 12
 to 0300Z, Jun 14
 BARTG Sprint 75 2000Z-2359Z, Jun 12
 SKCC Weekend Sprint 0000Z-2400Z, Jun 13
 WAB 50 MHz Phone 0900Z-1500Z, Jun 13
 SARL Youth Day Sprint 0900Z-1000Z, Jun 16
 RSGB 80m Club Championship, CW 1900Z-2030Z, Jun 16
 NCCC Sprint Ladder 0230Z-0300Z, Jun 18
 SMIRK Contest 0000Z, Jun 19 to 2400Z, Jun 20
 All Asian DX Contest, CW 0000Z, Jun 19
 to 2400Z, Jun 20
 AGCW VHF/UHF Contest 1400Z-1659Z, Jun 19 (144)
 and 1700Z-1759Z, Jun 19 (432)
 West Virginia QSO Party 1600Z, Jun 19 to 0200Z, Jun 20
 Kid's Day Contest 1800Z-2400Z, Jun 19
 Feld Hell Sprint2 000Z-2200Z, Jun 19
 Run for the Bacon QRP Contest 0100Z-0300Z, Jun 21
 SKCC Sprint 0000Z-0200Z, Jun 23
 RSGB 80m Club Championship, SSB 1900Z-2030Z, Jun 24
 Ukrainian DX DIGI Contest 1200Z, Jun 26
 to 1200Z, Jun 27
 His Maj. King of Spain Contest, SSB 1200Z, Jun 26
 to 1200Z, Jun 27

Marconi Memorial HF Contest 1400Z, Jun 26
 to 1400Z, Jun 27
 ARCI Milliwatt Field Day 1800Z, Jun 26
 to 2100Z, Jun 27
 ARRL Field Day 1800Z, Jun 26 to 2100Z, Jun 27
 SARL Digital Contest 1300Z-1600Z, Jun 27

Looking Forward To July 2010..

RAC Canada Day Contest 0000Z-2359Z, Jul 1
 NCCC Sprint Ladder 0230Z-0300Z, Jul 2
 Venezuelan Ind. Day Contest 0000Z, Jul 3 to 2359Z, Jul 4
 DL-DX RTTY Contest 1100Z, Jul 3 to 1059Z, Jul 4
 PODXS 070 Club 40m Firecracker Sprint 2000 local, Jul 3 to 0200 local, Jul 4
 DARC 10-Meter Digital Contest 1100Z-1700Z, Jul 4
 MI QRP July 4th CW Sprint 2300Z, Jul 4 to 0300Z, Jul 5
 RSGB 80m Club Championship, CW 1900Z-2030Z, Jul 5
 ARS Spartan Sprint 0100Z-0300Z, Jul 6
 FISTS Summer Sprint 0000Z-0400Z, Jul 10
 IARU HF World Championship 1200Z, Jul 10
 to 1200Z, Jul 11
 Feld Hell Sprint 1600Z-1800Z, Jul 10
 SKCC Weekend Sprint 0000Z-2400Z, Jul 11
 ARCI Summer Homebrew Sprint 2000Z-2359Z, Jul 11
 CWops Mini-CWT Test 1100Z-1200Z, Jul 14
 and 1900Z-2000Z, Jul 14
 and 0300Z-0400Z, Jul 15
 RSGB 80m Club Championship, SSB 1900Z-2030Z, Jul 14
 DMC RTTY Contest 1200Z, Jul 17 to 1200Z, Jul 18
 CQ Worldwide VHF Contest 1800Z, Jul 17
 to 2100Z, Jul 18
 North American QSO Party, RTTY 1800Z, Jul 17
 to 0600Z, Jul 18
 RSGB Low Power Field Day 0900Z-1200Z
 and 1300Z-1600Z, Jul 18
 WAB 144 MHz QRO Phone 1000Z-1400Z, Jul 18
 Run for the Bacon QRP Contest 0100Z-0300Z, Jul 19
 NAQCC Straight Key/Bug Sprint 0030Z-0230Z, Jul 22
 RSGB 80m Club Championship, Data 1900Z-2030Z, Jul 22
 NCCC Sprint Ladder 0230Z-0300Z, Jul 23
 RSGB IOTA Contest 1200Z, Jul 24 to 1200Z, Jul 25
 SKCC Sprint 0000Z-0200Z, Jul 28
 NCCC Sprint Ladder 0230Z-0300Z, Jul 30

Good Luck In The Contest

"Attention New Hams"

Make one of your goals to obtain the ...
"WORKED ALL WINNIPEG AWARD"

Work 25 Stations Within Winnipeg
 Direct contact via "Any mode/any band"

(Stations outside Manitoba within North America require 15
 contacts and stations outside North America require 10 contacts)

Full details/rules are posted on our web site
<http://www.mts.net/~warc/awards.html>

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WSC Display At The Forks
April 29, 2010
Photos by David, VE4DAR



David, VE4DAR & Ruthie, VE4CRS



Jan, VE4JS

**What have you done to "promote
amateur radio this week"**

That line we credit to an old News stalwart, Peter Parker with using in his old VK1 and VK3 casts many years ago and it still stands true -WIA

Why ham radio for EMCMM?
Link submitted by Alan, VE4YZ

Wall Street Journal—
Worst Cell Phone Dead Zones—May 28, 2010

[http://online.wsj.com/article/
SB100014240527487042692045752705627897
13490.html?mod=rss_US_News](http://online.wsj.com/article/SB10001424052748704269204575270562789713490.html?mod=rss_US_News)

And that's normal day-to-day traffic. In an emergency, add a couple of hundred thousand concurrent band gobbling iPhones and the system will collapse !!

News From The Net

RAC Bulletin
Special Event Station VE7TUB

The Nanaimo Amateur Radio Association, VE7NA, (www.ve7na.ca) will host a 24 hour special events station VE7TUB beginning on July 24, 2010 to commemorate the annual running of the World Championship Bathtub Race to be held on 25 July 2010 in Nanaimo, British Columbia.

For more information on the World Championship Bathtub Race visit www.bathtubbing.com. For more information on special event station VE7TUB visit www.ve7tub.ca.

Thank you very much,
Jean-Michel Hanssens, VA7CIP
Media and Community Relations,
Nanaimo Amateur Radio Association



Durham Radio Newsletter
Submitted by Derek, VE4HAY

If you would like the latest updates and sales information sent to your email please drop Jami a line at:

jamit@durhamradio.com

Simply write something like: "Please sign me up"

World Radio Online Zine
Submitted by Derek, VE4HAY

Latest June issue of World Radio Online magazine is available at:

<http://www.worldradiomagazine.com/>

This is a free PDF publication from the publisher's of CQ Magazine. Enjoy!

Did I mention that it's FREE !!!

*From: amsat-bb-bounces@amsat.org
On Behalf Of David - KG4ZLB
Submitted by Alan, VE4YZ*

The "dead-but-alive" telecommunications satellite, Galaxy-15 <<http://www.orbital.com/SatellitesSpace/Communications/PanAmSat/>>, has begun to enter the space of neighbouring craft, and their operators are planning evasive action.

"Zombie-sat" has captured the imagination of the internet space forums these past few weeks. It's probably the nickname that's done it.

When we sit on the sofa skipping across the smorgasbord of channels with our remote-controls, we don't usually give much thought to the "bent pipes" that sit 36,000km above our heads, delivering the televisual feast.

Intelsat's Galaxy-15 <<http://www.intelsat.com/resources/galaxy-15/operational-status.asp>> satellite was put in geostationary orbit five years ago to re-distribute TV services to cable companies across North America, and also to send navigation data to aeroplanes to improve the accuracy of their GPS receivers.

But the "bird" experienced a major hiccup at the beginning of April.

It's not known precisely what happened. One possibility is that it was damaged by high-speed particles billowing off the Sun in a solar storm - an ever-present danger for orbiting electronics.

The satellite is still operational: it's still "on", but Intelsat cannot control it. Any signal it receives, it re-transmits at high power. It's a very unusual situation.

What doesn't help is the fact that Galaxy-15, which is supposed to sit at 133 degrees West (over the eastern Pacific), is drifting slowing eastwards by about 0.05 degrees a day.

This will take it into the path of other satellites, and first to have an issue is AMC-11 <http://www.ses-worldskies.com/worldskies/satellites/01_amc-fleet/amc-11/index.php>, another TV services spacecraft operated by SES World Skies <<http://www.ses-worldskies.com/worldskies/index.php>>.

If SES were to do nothing, Zombie-sat would soon start picking up and retransmitting signals sent to AMC 11. To users on the ground who depend on AMC 11 for their daily dose of MTV, this could lead to a horrendous mash-up.

It would be like trying to listen to two people who are

shouting the same conversation at you.

So, SES World Skies will today begin a delicate orbital dance, in which they will allow AMC 11 to drift in tandem with Galaxy-15 while at the same time sneaking up another satellite behind the pair.

The plan is for the SES controllers to then leapfrog many of the services on AMC-11 across to this other satellite, known as SES-1, thereby minimising the disruption to customers.

The manoeuvres are unprecedented, says Alan Young, the chief technology officer with SES World Skies.

"The closest AMC-11 and Galaxy-15 will come is measured in kilometres, and in space terms that's quite close. But the risk here is not one of collision; we're not at all concerned about that.

The problem is that they're so close when viewed from Earth that it's not easy to distinguish between the two satellites and seeing as they both operate in the same frequency band, there will be interference if we're not careful.

"We've gone to a number of measures, including moving customers on AMC-11 on to a very large uplink antenna. This means we can very finely discriminate between the two spacecraft so that we can direct all of the energy into AMC-11 and as little energy as possible into Galaxy-15. If you don't put anything into Galaxy-15, you won't get anything out."

AMC-11 will eventually be moved back to its orbital slot to resume normal operations once the zombie has passed through, which should be 7 June.

All satellite operators and comms companies will have to work out what Galaxy-15 means to them. Here at the BBC, we've had to consider how some of our international services like the BBC World News channel <<http://www.bbcworldnews.com>> might be affected.

This channel is fed through Intelsat's Galaxy-13 platform. The most recent calculations suggest everything should be fine.

Anyone sitting on their sofa in North America should be oblivious to the space waltz that is about to take place.

There are some wider issues, however. For satellite manufacturers, there will be keen interest in understanding exactly what happened to Galaxy-15.

Satellites have redundant, or back-up systems <<http://news.bbc.co.uk/1/hi/sci/tech/8458203.stm>>; and when

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they have major upsets, there are usually modes that will completely re-boot the spacecraft automatically after a period of time.

Galaxy-15 was made by Orbital Sciences <<http://www.orbital.com/>>, but Patrick Wood, the chief technical officer for EADS Astrium satellites <<http://www.astrium.eads.net/>>, told me the entire industry had an interest in finding out what went wrong:

"Part of our design review process is to check through the architecture to ensure there isn't a single point that, were it to fail, we'd lose complete control of the spacecraft.

Clearly Galaxy-15 has had a major event and most organizations will want to understand what happened. From an industrial point of view, the surprising thing is that Galaxy-15 is locked on full power.

This tends to suggest the control/tele-command side of the spacecraft has failed and left the spacecraft in whatever mode it was in when it was last commanded. It's a very unusual case."

And, of course, the whole episode raises once again the issue of orbital space debris <<http://news.bbc.co.uk/1/hi/sci/tech/7916582.stm>>. Galaxy 15 will likely end its days in one of the two great "garbage patches" in the sky.

These libration points <http://en.wikipedia.org/wiki/Geostationary_orbit#Earth_orbital_libration_points>, as they are known, are located at roughly 105 degrees West and 75 degrees East. They are gravitational "sweet-spots" where drifting objects will naturally coalesce.

The two libration points now contain more than 150 defunct satellites [395Kb PDF] <http://www.secureworldfoundation.org/siteadmin/images/files/file_460.pdf>.

Satellite operators are urged to put their geostationary spacecraft in a "graveyard orbit" once their missions are complete. This usually means pushing the platforms even higher into the sky.

But of the 21 spacecraft which reached end of life in 2009, only 11 were disposed of in accordance with the Inter-Agency Space Debris Coordination Committee's (IADC) re-orbiting guidelines [99 Kb PDF] <http://www.iadc-online.org/Documents/Docu/IADC_Mitigation_Guidelines_Rev1_Sep07.pdf>.

We may all love our satellite TV, but we're starting to build a problem for ourselves!

VHF Nets

MRS Nets - 147.390 Mhz +

Sundays & Thursdays at 9:00 pm

This net covers Winnipeg and the MRS linked repeater system, and includes various announcements on amateur radio activities, plus Dick's "Swap and Shop"

Seniors Morning Net 147.390+ Mhz

Weekdays at 9:00 am

This net covers Winnipeg and hams of all ages are welcome to join in this net which is always a lot of fun!

IRLP(Internet Radio Linking Project)

Net - 145.450 Mhz - Node # 1066

Wednesdays at 8:00 pm

This net connects you with the world using your VHF rig and using the internet as the backbone!

Six Meter Net - 50.238 Mhz

Wednesdays at 9:00 pm

HF Nets

MB Evening Phone Net - 3760 Khz

Daily at 7:00 PM CT

Prairie Traffic Net (CW) 3660 Khz

Daily at 01:30 UTC

Aurora # 2 Net 7055 Khz

Daily at 02:30 UTC

MB Wx Net 3743 Khz

Daily at 8:30 AMC

ARES Manitoba Monthly Readiness Net—June 27

4:00 PM to 4:20 PM –7,075 Khz

4:00 PM to 4:15 PM –3,675 Khz LSB

Also.. VE4WRS IRLP, VE4ARC/TEU, Interlake, VE4FFR Flin Flon, IRLP Reflector 9003 to Flin Flon/Swan River/Pinawa, VE4SIX/DARC repeater, VE4TPN/VHF Thompson.

Newscaster

By, Mark, VE4MAB

For the September issue, please send in your submissions no later than August 27, 2010 to ve4mab@gmail.com

The Newscaster is the Official Publication of
Winnipeg Amateur Radio Club
Please send your submissions/comments to the editor
Mark Blumm, VE4MAB at ve4mab@gmail.com