



# THE **EMITTER**

Information and Resources for Amateur Radio  
Published by the Northern Alberta Radio Club

**November 2011**

# Vote

Elections this  
January Meeting  
**NARC NEEDS  
YOU!!!**

*Morinvile Ham Fest Table on Oct 1, 2011*  
*Picture By John Hebert VE6LCK*

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# Northern Alberta Radio Club

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### Program Director:

Melanie Humphrey  
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### Director at Large:

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VE6DNK [ve6dnk@narc.net](mailto:ve6dnk@narc.net)

### Past President:

Gern Sabourin  
VE6KG [ve6kg@narc.net](mailto:ve6kg@narc.net) 780-467-8679

## National Activities

### RAC Alberta, NWT & Nunavut Director

J.T. "Mitch" Mitchell  
VE6OH [ve6oh@rac.ca](mailto:ve6oh@rac.ca)

### RAC Assistant Director - Edmonton

David Evans  
VE6DXX [ve6dxx@rac.ca](mailto:ve6dxx@rac.ca)

### RAC Section Manager - Alberta

Garry Jacobs  
VE6CIA [ve6cia@rac.ca](mailto:ve6cia@rac.ca)

### RAC Section Emergency Coordinator (SEM)

Curtis Bidulock  
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### RAC Emergency Coordinator - Edmonton

David Evans  
VE6DXX [ve6dxx@rac.ca](mailto:ve6dxx@rac.ca)

**THANKS TO MELANIE VE6MSH FOR  
THE HELP AND FILE TRANSFER  
AND ALL THOSE THAT MADE THIS  
EMITTER POSSIBLE.**

## NARC Site Information

### Website:

<http://www.narc.net>

### Telephone:

780-467-1333

### Street Address:

200 92 Ave NW  
Strathcona County, AB  
Access via 17th Street NW, then eastbound on 92  
Avenue There is no access via Highway 216.

### Mailing Address:

PO Box 153  
Edmonton, AB T5J 2J1

## NARC Activities

### Membership Chair

Lorraine Sabourin  
VE6MSL [membership@narc.net](mailto:membership@narc.net)

### Chief Examiner

Michael Brooke VE6XUK

### Security Officer

Ties Van Nidek VE6TVN

### Net Control

VE6KG GernSabourin VE6PIE Patrick Piedmont

### Repeater Crew

VA6DAB Dave, VE6DJY Dave, VA6RC Randy

### RDF Crew

VE6DKS Don, VE6SRV James, VA6DX Barry

### Packet Sysop

VE6DJY Dave Yaeck

### ATV Crew

VE6OG Les Abbott 780-455-7654

### Historian

VE6ERL Earl Grotzki 780-481-3643

## Club Nets

**NARC VHF Net** - Tuesdays @ 19:30 on VE6HM -  
147.060MHz

**New Hams Net** - Thursdays @ 19:30 on VE6NHB  
145.410MHz

**6m SSB Net** - Sundays @ 21:00 on 50.140 USB

## The Emitter

### Editor

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Send corrections, articles, and news to [emitter@narc.net](mailto:emitter@narc.net)  
Contact the NARC Treasurer for advertising rates

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Edmonton, AB T5J 2J1

# NARC Notices

## Volunteers communicators needed!

- NARC will be needing people to Help with
- 1) Strathcona Christmas Bureau Dec 17, Delivery day
  - 2) Hypothermic Feb 2012
  - 3) Net Controllers for Events and Nets
- Contact [public-service@narc.net](mailto:public-service@narc.net)

# ELECTIONS

# VOTE

NARC General meeting  
Door Prizes

- Outside Front Cover - Morinville Flea Market  
Inside Front Cover - Contacts, return address letter facts.  
P1 Narc announcements / Emitter Directory  
P2 Morinville Flea Market Oct 1, 2011  
P3 Sky Scan Radio Astronomy  
P4 Sky Scan Radio Astronomy  
P5 Sky Scan Radio Astronomy  
P6 Auto patch is up and running Yah Hooo. / Narc casino request  
P7 Co-op ad, Durham Radio ad, Ratcliffe Wealth Management ad.  
P8 Local Events  
P9 Event High Lights, Local and Regional nets  
P10 Morinville Flea Market Oct 1, 2011  
P11 Minutes of General Meeting for Oct  
P12 Minutes of General Meeting for Oct  
P13 Distracted driver update from rac. / congrats mitch  
P14 Patricks Santa anonomous letter and thanks  
P15 notice to members, elections, meeting special resolution & anoucements  
P16 Remax ad, + error reply Info  
InSide Back Cover Freq List.  
Outside Back Cover Alpha Radio AD.

**In This Issue:**



# Morinville Flea Market

Oct 1, 2011



The flea market was enjoyed by many. NARC PAK II was there for all to see. Ties (VE6TVN) AND Terri (VA6TVN) even sent pictures back.

Thank you to all that made it possible to attend the event! I was there to see some really cool stuff, there were a few tables, "COOL STUFF", good conversation, prizes, ARES presentation and food too.

Thanks to all those who made it possible!



Memberships were available and a FT-2900 was given as door prize. Many had a good time. All the people were having fun, smiling and laughing.



Morinville Flea Market Oct 1, 2011 by Ties (VE6TVN) AND Terri (VA6TVN)

Soo lets see pictures!!!!!! thanks

John Hebert (VE6LCK)



Morinville Flea Market Oct 1, 2011 by Ties (VE6TVN) AND Terri (VA6TVN)



Morinville Flea Market Oct 1, 2011 by Ties (VE6TVN) AND Terri (VA6TVN)



See Page 10 for more Photos

# Sky Scan Brings Radio Astronomy to the Grade-school Classroom

By David Cleary  
Part 2

*(This is the second section of a two-part article on the Sky Scan Project. Part one was published in the October 2011 Emitter)*

## **Learning Program Associated With Use of the Meteor Detector**

Bruce McCurdy was the astronomy educator who went into classrooms to work with teachers and students to show them how to use the equipment and to present information in support of the learning outcomes in the curriculum. This meant spending time with the teacher, custodial staff, and IT contractors in installing and testing the radio, software, and rooftop antenna at each school. For the construction and installation of the equipment, we were able to use volunteer help from both the RASC and local amateur radio clubs.

Learning activities included presentations on Cosmic Collisions, the Nature of Meteor Showers, the Electromagnetic Spectrum, Detecting Meteors by Radio in the Classroom, Geometry of Radio Meteor Reflections, and Observation and Analysis. These activities were all in support of providing a "real science" experience, which meant the use of technology to make detailed and careful observations of a natural, astronomical phenomenon.

## **Collection Technique and Data Reduction**

Data was collected at individual schools both as an audio signal recorded on VCR tape, and by the audio output of the radio through the sound card on a computer. ATV set connected to a cable news ticker station and the VCR allowed a time stamp to be recorded on the videotape. The audio from the computer sound card was fed into the audio input of the VCR. This allowed radio signal bursts to be correlated with the time stamp.

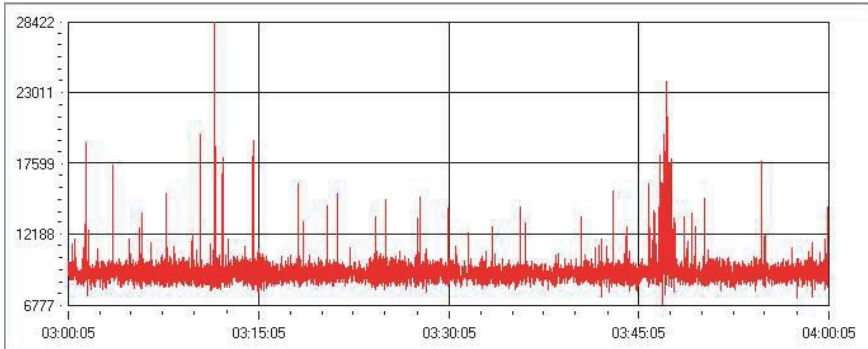
We ran Radio Sky Pipe (RSP) software from Radio Sky Publishing (they have a freeware version) on the individual computers to record the meteor "hits." The computer clocks were calibrated against the videotape time stamp so that visual counts of the RSP software could be coordinated with the audio outbursts that are the signature of radio meteors. This allowed students to study meteor shower patterns.

The students operated the equipment through several 24 hour cycles to become familiar with the patterns of interference as well as meteor radio bursts so they had a "feel" for the data being acquired. This allowed them then to count "hits" and combine them into time "bins" varying from 1 hour to 5 or ten minutes, depending on the level of activity of the shower, or the sporadic meteors between meteor shower dates.

## Observing Outcomes

Our most notable success came during the Leonid meteor shower of 2002. It had been predicted to be a heavy shower that year, which indeed it was. We had four radio observatories operating through several days leading up to the night of peak activity across approximately a 33 km (20 mile) east to west footprint.

Below is the RSP data from Bannerman School from the early morning of Nov 19, 2002 showing the peak of meteor activity at 3:47. The same pattern of results appeared in all four observatories. The peak was predicted by several academic groups to occur at around 3:36 am.



Bruce posted our results to the MeteorObs list server where it was picked up by Dr Robert McNaught with the Research School of Astronomy and Astrophysics and a leading theorist in meteor science at the Australian National University. He cited our results showing a clear peak at 3:47 am. This finding corroborated data collected that same night by the Ondrejov Observatory by the professionals of the Astronomical Institute of the Czech Republic Academy of Sciences. The students from one of the two schools were interviewed about these results on CBC Radio in Edmonton.

Two radio meteor bursts we recorded included the radio station call signs. One was from CITI FM 92 Classic Rock in Winnipeg. The other was another rock station, this time in Fort Worth, Texas. Both locations are over 1,000 km from our detectors in Edmonton.

These are exciting results, and the kind of "real science" projects students will be doing with the Sky Scan project this year. If anyone from NARC or other local amateur radio clubs are interested in helping with the project, they should contact Dave Cleary at [skyscantwo@gmail.com](mailto:skyscantwo@gmail.com). For more information on Sky Scan, visit our website at <http://www.skyscan.ca>

Biography: Dave Cleary is coordinator of the Sky Scan Science Outreach Program, working with Dr Sharon Morsink at the U of A's Dept of Physics. He is past-president of the Edmonton Centre of the Royal Astronomical Society of Canada. An avid amateur radio astronomer, he

is currently running three radio telescopes observing meteors, radio emissions from Jupiter, and Sudden Ionospheric Disturbances from solar flares. He is a member of the US based Society of Amateur Radio Astronomers. This organization is infested with ham radio operators!

Other Resources

[Meteor Detection by Amateur Radio: A New Field of Observation](#), by Oswald G. Villard Jr., W6QYT, QST, July 1947.

Introduction to Forward Scattering Radio Techniques, <http://www.imo.net/radio/intro>, International Meteor Organization, accessed June 9, 2011.

Radio Detection of Meteors by Philip Gephardt, Observer's Handbook 2011, Royal Astronomical Society of Canada, p 261. This annual publication contains information about meteors and a table describing meteor showers throughout each respective year covered by the Handbook. The handbook can be ordered from the RASC at: <http://www.rasc.ca/publications/index.shtml>.

[Sky Scan](#), by Bruce McCurdy, Journal of the Royal Astronomical Society of Canada, Feb 2005 Vol 99 #1 [710], pp 35 - 39.

<http://www.meteorobs.crg/> - Website and email list dedicated to discussions relating to meteor astronomy and observing.

[Sky Scan](#) website. Here you'll find approximately 130 pages of lesson plans, meteor observing information, and other resources for radio meteor observing. [www.skyscan.ca](http://www.skyscan.ca)

**NARC RADIO CLUB IS IN NEED OF THOSE TO KEEP  
THE CLUB GOING AS A VIABLE CLUB.**

**There is no one to nominate for**

**Secretary**

**Vice President**

**Activities Director**

**In 1 year it will be needing a new TREASURER**

**FUTURE OF THE CLUB IS IN YOUR HANDS AND HEARTS**

**John Hebert VE6LCK**



# Auto Patch NEWS

**THE AUTO PATCH HAS NOW MOVED AND READY TO CALL  
VE6VPR 145.290 - 100.0 Hz Tone**

**VE6VPR ARES channel 5 now requires a 100 Hz CTCSS tone.**

**The repeater now has phone patch capability.**

The codes to use it are the same as the old HM phone patch -

A1 will give you dial tone. If you send A1 followed by the number you want it will dial that number.

A2 followed by your speed-dial # will dial the number of that speed-dial.

A0 will shut down the autopatch (hang up if you can't otherwise).

A3 will reset the autopatch timeout timer.

The speed-dial numbers have not been changed from the HM list. I'll leave them on there for a while to compensate those who paid and couldn't use it.

They are as follows -

AutoDial(3)=7804660931

AutoDial(7)=7804554032

AutoDial(8)=7804621350

AutoDial(9)=7804557659

AutoDial(18)=7804477397

AutoDial(23)=7804556812

AutoDial(28)=7809104354

AutoDial(30)=7806620343

AutoDial(34)=7804660931

AutoDial(42)=7804831406

AutoDial(59)=7809220880

AutoDial(61)=7804568051

AutoDial(69)=7804544267

AutoDial(73)=7808868226

AutoDial(91)=7804234567

AutoDial(92)=7804125330

AutoDial(93)=7804963900

AutoDial(99)=7804213518

--

David Beale

VA6DAB



## NARC CASINO February 20th and 21th

The next NARC Casino is coming up at the Baccarat Casino, on February 20-21. This is a major funds earner for NARC & without it we'd basically just be able to meet our running costs and we'd not be able to do all the awesome things we do, like building up our repeater network and keeping top-notch equipment at the HM site and in the NARC PAK II.

Please consider volunteering for a position at our Casino. All that's needed from you is about eight hours of your time and no prior experience is required as we have a Casino Advisor to lead us through the event and our advisor will guide you through your role at the event. You don't need to bring anything but yourself, dressed in business-like casual wear. During your shift, you're entitled to a meal at the casino restaurant & we will also have a supply of refreshments & snacks available as well in the volunteers lounge.

If you'd like to volunteer for any of the available positions, or would be able to be a standby, please contact me at: \*ve6xvk@narc.net\*

Please visit the NARC Message Board at <http://www.narc.net> and look under Club Activities for more information and a list of positions available.





**TOM CIEZKI**  
Agent/Owner

**TOM CIEZKI AGENCIES**

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Phone: (780) 464-3279 Fax: (780) 449-1386  
After Hours Emergency Service: 1-800-465-2667  
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# Local Events

Date	Day	Event
1-Nov	Tue	NARC Net on VE6HM (2m) at 1930.YL Net on VE6NHB (2m) at 2030.
3-Nov	Thu	NARC New Hams Net - 1930L on VE6NHB (VHF) - volunteer for net control?
5-Nov	Sat	Yellowhead Inn,149 Str. & Yellowhead Trail at 0800 - 1000
6-Nov	Sun	Daylight savings ends - Red Robbin - from 11:30 to 13:30 (11215 - 104 Ave)
8-Nov	Tue	Buffet Royale Carvery - from 11:30 to 13:30 (17202 - 95 Ave)
8-Nov	Tue	NARC Net on VE6HM (2m) at 1930.YL Net on VE6NHB (2m) at 2030.
10-Nov	Thu	NARC New Hams Net - 1930L on VE6NHB (VHF) - volunteer for net control?
11-Nov	Fri	Remembrance day - New Asian Village west - from 11:30 to 14:00 (17507 - 100 Ave - across intersection - SW from Superstore on 170 St)
12-Nov	Sat	NARC Breakfast at the HM site 0900-1100; Coffee: Yellowhead Inn, 149 Str. & Yellowhead Trail at 0800-1000.
13-Nov	Sun	Yellowhead Casino - from 11:30 to 14:00 (12464 - 153 St - approach from 149 St or 156 St one block south of Yellowhead)
15-Nov	Tue	NARC Net on VE6HM (2m) at 1930.YL Net on VE6NHB (2m) at 2030.
16-Nov	Wed	NARC General Meeting Best Western Cedar Park Inn (5116 Gateway Blvd) Dinner: Pagolac Southside - from 17:30 to 18:30 (9642-54 Ave)
17-Nov	Thu	NARC New Hams Net - 1930L on VE6NHB (VHF) - volunteer for net control?
19-Nov	Sat	Yellowhead Inn - from 08:00 to 10:00 (Yellowhead Trail at 149 St)
19,20 -Nov	Sat-Sun	November Basic Ham Course / Day 3 of the November Basic Ham Certification Course
20-Nov	Sun	Royal Pizza - from 11:30 to 14:00 (9977 - 178 St - across from Canadian Tire)
24-Nov	Thu	NARC New Hams Net - 1930L on VE6NHB (VHF) - volunteer for net control? / Buffet Royale Carvery - from 11:30 to 13:30 (17202 - 95 Ave)
26-Nov	Sat	Yellowhead Inn - from 08:00 to 10:00 (Yellowhead Trail at 149 St)
27-Nov	Sun	Pagolac Southside - from 11:30 to 13:30 (9642-54 Ave)
1-Dec	Thu	NARC New Hams Net - 1930L on VE6NHB (VHF) - volunteer for net control?
3-Dec	Sat	Yellowhead Inn - from 08:00 to 10:00 (Yellowhead Trail at 149 St)
4-Dec	Sun	Baccarat Casino - from 11:30 to 13:30 (corner of 101 St and 104 Ave)
8-Dec	Thu	NARC New Hams Net - 1930L on VE6NHB (VHF) - volunteer for net control?
10-Dec	Sat	Yellowhead Inn - from 08:00 to 10:00 (Yellowhead Trail at 149 St)
11-Dec	Sun	Lunch: Brits Fish and Chips 1130 - 1330 (6940 - 77 St)
13-Dec	Tue	Buffet Royale Carvery - from 11:30 to 13:30 (17202 - 95 Ave)
15-Dec	Thu	NARC New Hams Net - 1930L on VE6NHB (VHF) - volunteer for net control?
17-Dec	Sat	Strathcona Christmas Bureau Delivery Day

# Event Highlights

5 Nov	<b>Strathcona Christmas Bureau Set up</b> - Volunteers Needed contact <a href="mailto:public-service@narc.net">public-service@narc.net</a>
February	<b>Hypothermic Half Races</b> contact <a href="mailto:public-service@narc.net">public-service@narc.net</a>
5 Nov	<b>Basic Boot Camp</b> starts - contact <a href="mailto:training@narc.net">training@narc.net</a> for details
17 Dec	<b>Strathcona Christmas Bureau Delivery Day</b> - Volunteers Needed contact <a href="mailto:public-service@narc.net">public-service@narc.net</a>
December	<b>Christmas Bureau</b> watch for details
16-17 Dec	<b>RAC Winter Contest</b> contact Gern <a href="mailto:VE6KG@narc.net">VE6KG@narc.net</a> or Richard <a href="mailto:VE6LE@narc.net">VE6LE@narc.net</a> for details
20-21 Feb 2011	<b>Casino</b> - volunteers needed - contact <a href="mailto:VE6XVK@narc.net">VE6XVK@narc.net</a>

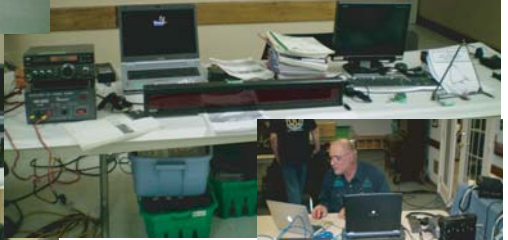
Check the NARC Online Calendar at <http://www.narc.net> for event updates and new listings

## Local and Regional Nets

Day	Time	Description	Frequency
Tues	19:30	NARC weekly net VE6HM	147.060 - 100Hz
	20:30	YL Net VE6NHB / SARA	145.410 -
Wed	09:00	Trans-Canada Net VE6NHB/IRLP	145.410 -
	19:30	NCAARC Weekly Net VE6LAW	146.940 -
	20:00	2m Informal SSB net	144.200 USB
	20:30	Wild Rose Net VE6UU	146.760 -
Thurs	19:30	New Hams 2m net VE6NHB/SARA	145.410 -
Friday	19:00	D-Star Cross Canada Net 2m	145.470-
Sat	20:30	Tailgater Net / SARA	145.410 -
Sun	09:00	ARES Alberta Morning HF net	3.750
	19:30	ARES Alberta Evening HF net	3.675 LSB
	20:00	ARES Edmonton Region 2m net VE6UV then QSY	147.240 - 100Hz
	20:00	ARES Provincial 2m net First Sunday of each month	SARA backbone & NARC repeaters
	10:00	2m informal SSB net	144.200 USB
	21:00	6m informal SSB net	50.140 USB
Mon-Thurs	21:00	D-Star Informal Net 2m	145.470 -
Daily	01:00 UTC	Alberta Traffic Net (CW)	3.685
Daily	1:30 UTC	Alberta Public Service Net	3.700 LSB

# Morinville Flea Market Pics

October 1, 2011  
Continued from P2



# Minutes of the General Meeting of the Northern Amateur Radio Club

Held at the Cedar Park Inn on Wednesday, October 19, 2011 at 7.30 p.m.

1. **Call to Order** – The President called the meeting to order at 7.30 p.m.
2. **Guests/New Members:** Dave VE6DEN.
3. **Approval of Minutes** – Item 4 regarding the RAC Convention: it was noted that the date was written as 2010 and should have been 2012. Keehan VE6XVK proposed that the minutes of the September 2011 meeting (as amended) be accepted. This was seconded by Mike VE6XZM and carried.
4. **Business arising from the previous minutes:** Additional Cheque Signatory – Glen VA6GC advised the motion at last month's meeting to add the Operations Director (Ray Semenov VE6RHS) as the fifth cheque signatory, a modification to the Policies and Procedures manual, had been proposed by himself and seconded by Curtis VE6AEW. Because the motion constituted a special resolution which required notice, the vote had been held over until this meeting. The vote was taken and the motion was carried.
5. **Directors Reports:**
  - a. **President:** The President reported that: i) The NARC Pac II had been taken to Morinville on October 1 for a demonstration event. ii) He had looked at the eaves troughs on the operations building and that in his view the waterproofing was not a problem.
  - b. **Vice President:** Keehan VE6XVK reported that: i) NARC had supported two JOTA sites, one at Devon and one at the NARC site. He thanked all those involved. ii) He had been travelling around the province and had visited a number of clubs. These included the Yellowhead Club which had recently reformed, the Fort McMurray Club who were working on three new repeaters and the flea market in Calgary. iii) That the next NARC Casino would take place on February 20 and 21, 2012. Keehan said that volunteers were required for 8 hour shifts and that those interested should apply to him. He noted that the Casio brought essential funds to the Club. iv) He had recently located some ex-military cases at a good price, which he thought that members might be interested in purchasing. Those interested should contact Keehan direct.
  - c. **Treasurer:** Glen VA6GWC reported: i) On the cash flow for the last 30 days and bank accounts. ii) The North East fence at the NARC site had caved in and that NARC would be contacting Strathcona County.

- d. Secretary:** Rosemary G0NDB had sent regrets. Gern VE6KG reported that there were presently 151 members.
- e. Operations Director:** Ray VE6RHS was presently on vacation in France.
- f. Training Director:** Neil VA6NF reported: i) there were new two weekend basic courses on a) November 4/5 & 19/20, b) February 4/5 & 24/26, c) March 3/4 & 17/18 and d) April 7/8 & 28/29. ii) That Ray VE6RHS was planning an Advanced course in the new year over a 12 week period. Contact Ray direct if interested. The President said that he would make sure that all of the course date appeared on the NARC website.
- g. Emergency Coordinator:** David VE6DXX reported that: i) It was hoped to start work on the AEMA HF antennas this coming weekend. He said that anyone who wished to assist was welcome. ii) Environment Canada would be expecting to move premises during 2013. Coax cables from the roof to the CANWARN desk were already in the plans. At the present location the amateur antenna still needed to be extended to the CANWARN desk. iii) There was an AEMA stakeholders conference in Calgary in November, he hoped that he might be able to attend.
- h. Public Service Director:** Patrick VE6PIE reported: - i) For JOTA, Gern and Melanie had been at the NARC site while Keehan and Kiernan VA6IP had been at Devon. ii) That Christmas Bureau volunteers were needed on November 5 and 19.
- i. Public Relations Director:** Mike VE6XZM reported that his presentation, later this evening, would provide an overview of the work which he was undertaking for the club.
- j. Program Director:** Melanie VE6MSH reported this evening's talk by MiKe VE6XZM.
- k. Activities Director:** Greg VE6BAX – not present
- l. Webmaster:** Richard VE6LE – not present.
- m. Director at Large:** Dan VE6DNK – not present.
- n. Past President:** Gern VE6KG reported that: i) the Elections committee chaired by Jim VA6JC was in place. He reminded everyone of the vacant positions on the Board for 2012. ii) Glen VA6GC also reminded members that he had obtained radios and books for the door prizes for the November Annual General Meeting.
- 6. New Business** – i) Bill VE6GRZ said that the QCR Flea market would take place on November 13. He said that Bart VE6VB had further information. ii) Mike VE6XZM noted that the replacement antenna for the NARC 6m repeater was on order.

The meeting closed at 8.10 p.m.

## **Distracted Driving Update**

Thanks to Melanie VE6MSH for send the update.

**RAC Bulletin 2011-034E - RAC Distracted Driving Committee meets with MTO Officials  
2011-10-27**

*On October 20th the same day that the Honourable Bob Chiarelli was sworn in as the new Minister of Transportation, Steve Pengelly, VE3STV former RAC HLC, Jeff Stewart, VA3WXM Southern Ontario Director and Bill Unger, VE3XT North East Ontario Director met with the Assistant Deputy Minister Road User Safety Division and the Director Safety Policy and Education Branch.*

*One of the questions we were asked is why Amateurs believe we deserve an exemption to operate while mobile. We explained that in order to be proficient in the use of our radio systems including mobiles and repeaters, in order to ensure they are always in working order and in order to ensure we know where they work best and where they don't work well at all, we must continually test them. This is done by daily usage and by providing community service to many diverse groups across the Province. They were told that many communities rely on the Amateur Radio Operators in their areas as part of their emergency preparedness plans. They were also advised that Amateurs have installed, at no expense to the taxpayer, a communications infrastructure that provides a backup to existing telecommunications systems in which authorities can have confidence.*

*We demonstrated a 2 Metre radio to them and illustrated the difference between Simplex using PTT and Duplex with cell phones. We emphasized that to use our radios and communicate we did not have to remove our eyes from the road.*

*It was also brought to their attention that we are a relatively small group of private individuals and for us to continue our public service while having to comply with the new legislation, could be a financial hardship on some Amateurs.*

*The Ministry Officials raised several other questions as to why we cannot comply with the legislation. They were answered with solid technical and operational explanations as to the difficulties we would encounter in order to do this.*

*A reasoned set of arguments was presented to allay their concerns regarding safety and to explain why Amateurs should be treated differently than others and exempted on a permanent basis.*

*Ontario has committed to consult with RAC early in the New Year on this matter so a permanent solution can be found prior to January 2013.*

**Bill Unger VE3XT**  
**Chair - Ontario Distracted Driving Committee**  
**North/East Ontario Regional Director - Radio Amateurs of Canada**

### **CONGRATULATIONS MITCH**

newly re-elected

RAC Alberta, NWT & Nunavut Director / J.T. "Mitch" Mitchell VE6OH ve6oh@rac.ca



Re: Annual Edmonton Motorcycle Toy Run - 2011

Dear Patrick – Northern Alberta Radio Club

On behalf of the Alberta Safety Council and all the people involved in this year's event, we thank you for your commitment to this year's annual Edmonton Motorcycle Toy Run, in support of 630 CHED Santas Anonymous.

Your contribution in the form of "volunteers and route communications" in support of this year's run to Hawrelak Park is very much appreciated.

It is because of individuals such as yourselves, and your team's participation that this event was so successful this year. It is a conservative estimate that 4500 to 5500 motorcyclists attended Capilano Mall and more than 3400 riders actually attended the finish at Hawrelak Park. There was over 3000 cubic feet of a 48 foot trailer stuffed with toys and over \$22,000.00 in cash donated – this is after all expenses have been paid. This is quite remarkable, considering these slow economic times.

Once again, please accept our appreciation and my personal gratitude for the donations and the service you and your team provided to this year's annual Toy Run event. Your efforts to ensure a safe, enjoyable and successful ride for all participants are greatly appreciated by all.

I look forward to seeing you again in 2012.

Gratefully yours,

George Billings  
Chairman,  
2011 Organizing Committee  
Annual Edmonton Motorcycle Toy Run

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4831 - 93 Avenue; Edmonton, Alberta, Canada; T6B 3A2  
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Fax: (780) 462-7318 www.safetycouncil.ab.ca

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Thanks VE6PY Patrick Piedmont Public Service Director for the Letter he received and sent 20oct2011

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We had a very busy volunteering month of October this year. We provided communications along the route of the Fall Classic race and set up and operated a station in Devon for JOTA.

Thank you for all the volunteers who helped out with the Fall Classic in support of the Mustard Seed. These volunteers were VE6MSH, VE6TVN, VA6TVN, VA6PW, VA6JC, VE6LPB, VA6IP, and VE6PIE.

We had some very good success making contacts at JOTA this year, both on and off continent. Special thanks to VE6XUK, VA6IP, VE6XZM for making this our most successful year ever for JOTA.

Thanks VE6PY Patrick Piedmont Public Service Director



# Notice to Members

## **Vote**

### **GENERAL ELECTIONS**

**next General Meeting:**

**The next General Meeting**

**will be at the**

**Best Western Cedar Park**

**56116**

**Gateway Boulevard**

**Wednesday Jan 18, 2011**

**at**

**7:30pm**

**PRIZES**

**Motion to FINISH GENERAL ELECTIONS of  
October 19, 2011 at general Meeting  
Wednesday, January 18, 2012**

**Motion to Have Elections  
Wednesday, January 18, 2012  
of No Nonnominations for  
Vice President  
Secretary  
Activities Director**

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VE6HMG

**Emitter Information:**

The Emitter is published 10 times a year. The next issue will be published in December. If you have corrections, articles, information or comments, please send them to the Emitter editor at emitter@narc.net . The deadline for submissions is the last Wednesday of the month. Thank you.

As a new editor I will be taking over the helm and the transition was not without it's own share of work. December will also see me as Emitter editor . Thanks to all that made this publication possible!!

Thankyou for your Understanding!  
John Hebert (VE6LCK)

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Photographs accompanying articles courtesy of Terri VA6TVN & Ties VE6TVN and John VE6LCK

THANKS FOR THE ASSISTANCE AND ARTICLES PROVIDED,  
John VE6LCK.

Skyscan article parts 1 & 2 copyright 2011 Dave Cleary.

# NARC Quick Information Sheet

Local Repeater Frequencies			
Ch.	Call	Freq	Tone
1	VE6UV	147.240 +	100.0
2	VE6HM	147.060 -	100.0
3	VE6PLP	147.090 +	100.0
4	VE6JN	147.330 +	100.0
5	VE6VPR <small>AUTO PATCH</small>	145.290 -	100.0
6	VE6VPR	147.150 +	
7	VE6NC	147.015 +	100.0
8	VE6NHB	145.410 -	114.8
9	VE6QCR	146.640 -	100.0
10	VE6RES	147.120 +	100.0
11	VE6PRH	147.360 +	
12	VE6PAW	147.180 +	100.0
13	Calling	146.520	
14	Simplex	146.550	
15	Simplex	145.695	
16	Simplex	146.580	
17	VE6SS	146.880 -	
18	VE6LAW	146.940 -	100.0
19	VA6XG	147.420 S	110.9
20	VE6OG	146.490 S	
21	VE6OG	146.850 -	100.0
22	VE6CWW	147.270 +	
23	VE6AFP	147.210 +	
24	VE6RPA	145.190 +	
25	VE6FDX	146.835 -	
	VE6HM	444.100 +	
	VE6NHB	444.950 +	100.0
	VE6HM	224.760 -	100.0
	VE6NC	442.275 +	100.0
New	VE6TOP	146.685 -	100.0
New	VE6TOP	444.700 +	100.0
"S" denotes a Simplex frequency Ch. is ARES Channel Number			

Automated Weather Reports		
City Centre	DTMF 91	125.400
Edmonton International	DTMF 92	128.000

Please contact [VE6LCK@narc.net](mailto:VE6LCK@narc.net)  
with updates and corrections

Repeater System Codes	
VE6UV Unlink / Link	*20 / *21
VE6PLP Unlink / Link	*30 / *31
VE6JN Unlink / Link	*40 / *41
Time/Date at HM	*18564
Inside Temp at HM	*48367
Outside Temp at HM	*68367
Voice Test	*18378

Standard Configuration:  
VE6HM VHF, VE6PLP, VE6JN linked.

Transmit on repeater's primary frequency to ensure commands are received

D-Star Digital Repeaters VE6KM	
23cm Data/Digital	1248.5MHz
23cm Voice	1287.5MHz -12
70cm Voice	444.900MHz +5
2m Voice	145.470Mhz -600

Registration required for VE6KM gateway use. Contact [dstar@narc.net](mailto:dstar@narc.net) With your Name, callsign, email address, and equipment type.

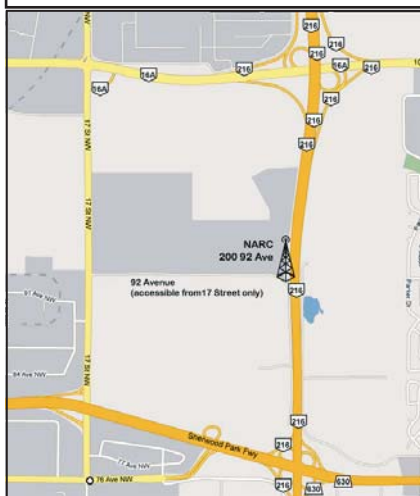
2m VoIP Node Numbers	
VE6HM - IRLP	1068
VE6HM-R Echolink	51068

To connect to IRLP node dial the 4-digit IRLP node number

To connect to an Echolink node dial # then the node number (4-6 digits)

To disconnect a call Dial 73

NARC Operations and Training Site
200 - 92 Ave, Strathcona County



# Alfa Radio Ltd.

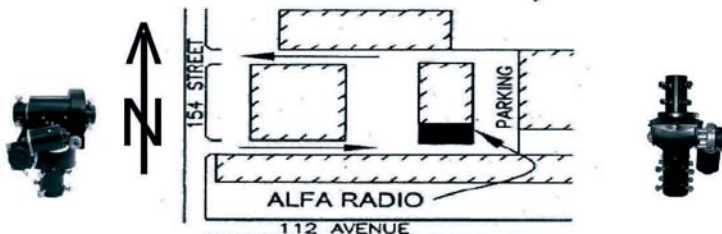
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