



MINNESOTA MARSGRAM



Information for Minnesota Navy-Marine Corps. MARS Members

July, 2008

Volume 12, Number 7

NNN0ALL Minnesota

by NNN0GAZ Tim

Greetings to all. First, thank you to all the members who have stepped in to fill the NECOS and TREP openings due to my absence. Many would think with the students gone from campus that our summers would be fairly easy in IT. The fact is just the opposite is true – many of our large projects, installations and other work is scheduled for summer so that we don't impact systems when students are here during the academic year. In addition, this year we are working at feverish pace to bring our new Science Building on-line by September. My thanks again to all of you for your understanding and patience.

We've passed the halfway point of summer - many of us are busy squeezing in vacations, outside chores around the house and any number of outside activities. To date Al and I have heard from only one member regarding preferences for the Minnesota MARS conference. The question still remains – would the membership like to have a conference this year and if so – where and when? The proposal circulated earlier in a Minnesota Broadcast was in recognition that interest and travel associated with the conference would

be impacted by fuel prices so we felt that there was a need for discussion and input – to date we haven't received much input.

Here are some topics we would anticipate covering at a MN MARS meeting:

Winlink 2000;

- what is it, why is MARS moving to this mode?
- how-to and installation helps.
- future of the MDS as we know it – this seems pretty clear from the Chief's broadcast, however, from the Region Director's perspective it is anything but clear.
- Other digital modes – EasyPal, MT'63
- MN MARS leadership
- Membership updates – check your files and information we have on-file – have you renewed, upgraded or made any other modifications in your information?

I'm sure there are other topics from members and staff. I've just listed a few that I've heard since last year. If the group would like to take a year

off from having a state meeting, that's fine too, we simply need to know. As I said, we're willing to try something different so perhaps travel and expenses would be reduced for the majority of the members. The one thing I do know is that this decision is not up to one person so please contact any staff member; Al, Bob Reid, Bob King, or me so that we can make a decision.

Recently we've had some issues with the MDS switch. By and large these issues are not with the switch equipment but with the infrastructure, electrical system in particular, supporting the radios, power supplies and TNCs. I do appreciate knowing when a member is having difficulty. There is a need for patience on your part as well. This switch is unattended meaning there is no one monitoring the equipment and no one to immediately answer your query regarding the switch. Sometimes follow-up to questions and concerns about the switch can take 24 to 48 hours

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The MINNESOTA MARSGRAM is published for the benefit of Amateur Radio Operators in Minnesota and other interested individuals. The contents DO NOT reflect official Navy positions.

EDITOR: Bob Reid NNN0XYA / NNN0GAZ3

Snail Mail: 13600 Princeton Circle

Savage, MN. 55378-2625

E-Mail: n0bhc@aol.com

Minnesota State Coordinator:

Tim Isom NNN0XEE / NNN0GAZ

Content Contributions Welcomed and Encouraged

MINNESOTA TRAFFIC NETS

Designator	Frequency	Local Times
5G1B	Pri. NCE Sec. NBG Ter. NAR	18:30 Daily

MINNESOTA ADMIN. NET

5G4A	Pri. NCE	19:00 2nd Sunday
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MARS DATA SYSTEM

NN0DVD	Freq. NCO AFSK/USB
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Website <http://www.mnmars.org>

Intranet site <http://www.communityzero.com/mnmars>

Test Your NIMS Knowledge

One ICS principle relates to the supervisory structure of the organization and pertains to the number of individuals or resources one incident supervisor can manage effectively.

This operating guidance is referred to as:

- A. Delegation of authority
- B. Span of control
- C. Form follows function
- D. Unity of command

June NIMS Solution

Which General Staff position prepares and documents the Incident Action Plan, collects and evaluates information, maintains resource status, and maintains documentation for incident records?

- D. Section Chief-Planning

Get Your NIMS Answers Here

Training requirement for emergency communications volunteers are constantly changing. The following FEMA on-line courses are required for MARS members working with any government served agency.

The four on-line self-study courses are;
 IS-100 Introduction to Incident Command System,
 IS-200.FW Basic Incident Command System
 IS-700 National Incident Management System (NIMS)
 IS-800.A National Response Plan (NRP)

The address for the FEMA courses is: <http://training.fema.gov/EMIWeb/IS/crslist.asp>. When you complete the course, send the documentation to NNN0GAZ.

BTOVER

MN Navy-Marine Corps MARS Staff

Minnesota State Director
 NNN0GAZ - Tim Isom - NNN0XEE
 Assistant to the State Director
 NNN0GAZ ONE
 Al Doree - NNN0KZC
 Assistant to the State Director: Em. Comm.
 NNN0GAZ TWO
 Al Doree - NNN0KZC
 Assistant to the State Director: Net Ops/Rpts
 NNN0GAZ THREE
 Bob Reid - NNN0XYA
 Assistant to the State Director: Training
 NNN0GAZ FOUR
 Robert King - NNN0SXU

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depending on when I can find the time to go to the facility knowing that it may take from 15 minutes to a couple of hours to troubleshoot and correct.

In addition, at the present time the power supply used by the radio that connects with the Region switch appears to need some work. Troubleshooting done thus far has narrowed the issue with the particular piece of our system down to the power supply for that radio. If a member has experience in working on power supplies and is willing to work on the equipment, I will provide schematics as well as contact information for Ten Tec's technical support line. Unfortunately I don't have time open during the work week to spend on the phone with Ten Tec to determine if the issue can be fixed by us or if we need to send in the supply. Most repairs on the Ten Tec equipment we use can be performed in the field with guidance from their technical staff, and Ten Tec actually prefers it that way. So if you're willing please contact me directly.

With summer here, we are in need of members willing to take on Net Control Station (NECOS) and Traffic Representative (TREP) duties as substitutes. What would be very helpful is if members, not currently performing these NECOS or TREP duties, would be willing to step in as substitutes and assist the regular NECOS and TREP stations. We also have one NECOS opening in the schedule on a regular basis for Friday evenings. If you are willing to give the position a try, contact Bob Reid, NNN0XYA/ NNN0GAZ THREE. Operators currently working as NECOS and TREPS would appreciate your willingness to substitute, providing them with some relief.

Finally, with summer in full swing and the opportunities to spend more hours away from the radio shack, please don't forget our evening nets. We would like to hear for you during the spring and summer months. Don't miss the opportunity to participate in an evening net, an ecom exercise, or just fellowship with your fellow MARS members.

Enjoy this issue of the Minnesota MARSGRAM.

BTOVER



Happy Independence Day

Training Corner

EEI Review

by: Bob, NNN0GAZ FOUR

The July, 2007, MN MARSGRAM Training Corner dealt with the proper addressing of an actual incident EEI. It is addressed to AAN3 EEI VA, INFO TO NNN0ASA VA, and a long list of additional addrees. An actual incident EEI is to be e-mailed to EEI(AT)DOD-MARS.ORG. Do not e-mail an exercise EEI. The EEI is also to be entered into the MDS as soon as soon as possible.

The Central Area Operation Guide, Annex E. deals with the Mars Data System. Para. E520 prescribes the format to be used for constructing either single or multi-addressee administration/operational messages for entry into the MDS. See also Para, E611 which deals with send commands

The article did not deal with the content of an EEI, other than to list eight paragraph headings, Subparagraph 1A through 1 H. The nature of the information to be included in each lettered subparagraph is covered in detail in NTP8(D) , Para. D900, and is:

1. A Incident and location
- B Status of emergency medical facilities.
- C Local transportation status.
- D What was damaged
- E Area utility status
- F Local communication status
- G Source of information and when received
- H Remarks and other pertinent information

Ecom Training Tips no. 14, promulgated by NNN0ASZ GA, is a helpful summary and reads, in part:

2. Our customers have tasked NAVMARCORMARS to provide On-the-spot, up-to-date reports on actual incidents. Contrary To some thinking, our EEI messages may be the first report of an Incident. Even if they are not, your on-the-scene report may Provide more accurate, detailed information. The EEI reports also Provide your mars call sign allowing our customers access to reporting stations.

3. If you think that an event is of national interest, by all Means submit an EEI message. If there is any question in your Mind, submit one. If possible actual EEI messages should be E-mailed iaw CHNAVMARCORMARS Bcst 05-06.

4. All stations are encouraged to use the EEI generator on the Web page for the formatting EEI messages. It is also a good idea To have a formatted message draft in you computer should the Internet/land lines be down. Be sure that you have the correct Addees in your header. It will save a lot of time when drafting And potential delays in the MDS.

cont'd col. 2

5. When submitting EEI messages your attention is called to the Note in NTP 8-(d), para. D901 (e). Quote ... For items 1b, 1c, 1d, 1e and 1f use 'operational' if this is the case. If the topic is known not to be affected by the incident or 'unknown' if not known. Use 'n/a' For items not being reported in the EEI report. Unquote.

6. Updates are highly desired. Change the 'subj' line to read 'Subj: EEI report update nr 1' and increase the number as Appropriate. To assist the addees it is recommended that each Update be a stand alone message. The use of 'no change' requires The addee to refer to the last report. Fill out each subparagraph With the latest information.

7. Be careful of aberrations. For example: I know that 'marta' Is the abbreviation for 'Metro Atlanta Rapid Transit Authority' But unless the addee is in the Atlanta area it has no meaning.

8. Limit your EEI messages to the facts. Keep EEI messages short. However, include everything you believe would be of value to our National level customers.

The entire message of NNN0ASZ, Training Tip no. 14, is on the National Web Site under Ecom and Training Tips.

BTOVER



"We Do That" With Amateur Radio

The third ARRL Public Relations campaign — "We Do That - with Amateur Radio" — celebrates the technology side of ham radio. According to ARRL Media and Public Relations Manager Allen Pitts, W1AGP, Amateur Radio means many things to many people. "What is it about Amateur Radio that arouses the interest of people?" Pitts asked. "You have the fun, friendship and hobby side. We showcased this side in 2006 with our 'Hello' campaign. You have the emergency service side. We brought this valuable part of Amateur Radio to the public's eye in 2007 with 'Emergency Radio — Getting the Message through for Your Family and Community'. And now you have the technology and creative side. In 2008, we are capitalizing on this third prong, getting word out to the public that there is tons of stuff you can do with Amateur Radio."

Unveiled at the 2008 Dayton Hamvention this past May, this new coordinated public relations effort shows the world the technological activities and creative imaginations that Amateur Radio's people love. Like the previous public relations campaigns, Pitts said, this is a campaign with several interlocking parts. You can view the program at <http://www.hello-radio.org/wedothat/>.

BTOVER

Meaningful Work vs Make Work

Jerry Boyd, N7WR
WorldRadio, July 2008

One of the members of our local radio club (Wingville Township Amateur Radio Club) recently expressed some concerns about a trend she has observed within the Amateur Radio Emcomm community. It is a trend that has been documented in articles in Amateur Radio journals as well as on-line commentaries on *qrz.com* and *e-ham*. She suggested that maybe a more detailed discussion of this issue (real work vs. make work) might be appropriate in this column. I decided to take her suggestion though I clearly realize that my comments will not sit well with some readers.

The first point is one I've discussed before, but I believe it is worth repeating. Amateur Radio is a service, not just a "hobby." One of our basic purposes is to provide service to the public. Tragically, over time, we have seemed to move from that goal of serving the public to serving agencies. Granted, it can be argued that serving agencies does, at least indirectly, serve the public as well. I tend to think that indirect assistance is minimal. Let me briefly discuss a little history.

Going back as far as the great Alaskan Earthquake of 27 March 1964 (known as the Good Friday Earthquake) we see that Amateur Radio's greatest contribution was passing messages on behalf of the public, not agencies. Those in cities near the epicenter of the quake (Anchorage and Valdez) had no way to communicate their status to loved ones and friends outside the area. Amateur Radio stepped in and provided that service. Yes, Amateur Radio also assisted in passing traffic on behalf of government entities but the primary focus was on citizens. I can recall a similar event and a similar focus of Amateur Radio at the time of the Tehachapi earthquake in Southern California in 1952.

It was not until the late 1970s that the focus began to shift from serving the public to serving agencies (mostly government public safety agencies). As I have noted in the past, service to agencies is a good and important thing as long as it is needed and as long as the public is also served directly. Too often and in too many places these days the public is left out. One of the most pressing needs when the infrastructure fails is to provide, citizens with a way to communicate. Though there are some exceptions, government entities have multiple modes of communication and, most of the time, at least a part of government's communications toolbox remains functional. This is especially true because of the redundancy and target hardening of public safety radio systems made possible by Homeland Security Grants totaling billions of dollars since 2001.

What seems to be occurring, more and more frequently, is that when any event occurs it is used as a reason for some Emcomm units to immediately run to the side of their police, fire and EMS agencies - whether needed or not - with little if any thought given to whether the public may need a communications resource more than government does.

I have read many accounts, particularly over the past several months, of relatively minor events which resulted in amateurs flocking to the scene. In most cases there was no indication that their presence was requested or needed. Let me cite one example. A town experienced a very large structure fire in a historic area of downtown. Pretty major event for a small town. But the fire department's radios worked and they were interoperable with the neighboring fire departments that responded under mutual aid. The police and ambulance radios worked and they were not only interoperable with each other but with the fire department as well. A dozen amateurs reportedly responded and were on scene for several hours. After action press releases from the Amateur Radio organization made a big deal about their presence, but without one mention of what they actually did that was related to Amateur Radio emergency communications. As one who has served professionally in law enforcement, fire and EMS I think I know the reason for that. There was no role related to Amateur Radio that could or should have been performed at this incident scene.

The preceding is an example of what I call a "make work" rather than essential work activation of an Emcomm group. It serves no legitimate purpose other than to make the Amateur Radio responders "feel good" and feel important. In my view, if they want to make a meaningful contribution in such incidents they would be better served becoming trained volunteer firefighters (this fire was fought primarily by volunteers).

Were this the only example it might not be worthy of comment. But it is far from being the only example. Not a week goes by without some Amateur Radio media source documenting, proudly I might add, something similar to that just described. Amateurs doing something that has absolutely nothing to do with communications yet trying, as amateurs and as individuals, to take the credit for it. In fact, in far too many cases, readers might get the impression that amateurs "saved the day" when, in fact, they did nothing of substance and nothing that was really needed.

In my view following the path described, which more and more Amateur Radio groups seem to be doing, is at the very

Meaningful Work vs Make Work

cont'd from pg. 4

least dishonest if not downright harmful. It is dishonest in the sense that publicity concerning “make work” assignments gives the impression that amateurs really played an essential role in a major emergency (and, thus, perhaps are heroes) when in fact they are not. It is potentially harmful for a couple of reasons. One, showing up at a dangerous scene and not being assigned to a carefully defined communications mission generally results in an unnecessary and undesired exposure to dangerous conditions. The first time an amateur on-scene but without an assigned mission to perform is seriously injured or killed will be the last time amateurs are given access to such scenes in that jurisdiction.

Such escapades in pursuit of importance and recognition are also dangerous in terms of the future of Emcomm in places where such behavior occurs. As a former Police Chief and Fire Chief I can tell you, without hesitation or reservation, that public safety officials may tolerate, once or twice, amateurs showing up when their services are not needed or requested. But they will not tolerate it for long especially when it becomes clear that the motivation for such responses is less than altruistic. If they sense (and they read the press accounts of amateurs’ heroism too) that what amateurs claim to have done has been exaggerated or, at best, was “make work” they will resent it. Public safety professionals put their lives on the line with no expectation of positive media attention. If they see that amateurs, who essentially have done little or nothing, continually capitalize on their meaningless responses for group or individual media accolades they will resent, it. And, soon, they will restrict Amateur Radio access in such incidents to official requests for service only. And, those official requests for assistance will become fewer and farther between. That reaction is just human nature and, I assure you, is definitely the nature of the public safety animal.

One of the arguments I expect to hear from those who disagree with my premise is that amateurs of this ilk only respond to “be prepared in case their services are needed.” The phones might fail, the police radio repeater might go down, the hospital might need to be evacuated. There are a lot of “mights” in this world, but let me assure you that amateurs are not the appropriate ones to decide whether the “might” justifies an unsolicited response.

In this day and age almost any significant incident which occurs anywhere within the United States is managed by an Incident Commander (or Unified Command) with appropriate staff. It is their responsibility and they are trained to anticipate needs and “mights.” If in their judgment there is

cont'd col. 2

June Crossword Solution MN Icons

Across

1. POPPINFRESH—The Pillsbury Doughboy with a trademark giggle debuted in 1965.
3. GREENGIANT—The large green ogre, born in 1921, that now stands guard over LeSueur.
5. GOLDBYGOPHER—The U of M mascot adopted after an 1857 political cartoon satirizing Gov’t investment in building railroads.
9. RUNESTONE—Artifact discovered in 1898 near Alexandria. Some say it proves Nordic explorers arrived in Minnesota in 1362.
11. REDWING—This pottery was once a part of Minnesotans’ everyday lives and was the nation’s largest pottery manufacturer.
12. HAMMSBEAR—This gangly, goofy looking animal and his pals starred in beverage commercials from 1953 to 1969.
14. PAULBUNYAN—Legendary lumberjack memorialized in Bemidji and Brainerd.
16. LAKEITASCA—Minnesota’s first state park, founded in 1891, includes the headwaters of the Mississippi River.
17. BETTYCROCKER—The trusted spokeswoman for General Mills since 1921.
18. INDIANMAIDEN—This butter business trademark took hold because Minnesota is the legendary land of Hiawatha.
19. SPLITROCK—This lighthouse was authorized after a 1905 great lakes storm battered 29 ships along Lake Superior’s shoreline.

Down

1. PRONTOPUP—The Meal-in-a-bun introduced at the State Fair in 1947.
2. SPAM—Famous luncheon meat introduced by Hormel in 1937.
4. MINNEHAHAFALLS—A major tourist attraction in 1800’s popularized by the Henry Wadsworth Longfellow poem “The Song of Hiawatha” published in 1855.
6. PRINCESSKAY—Following coronation, this American Dairy Assn. spokesperson is sculpted in butter at the fair.

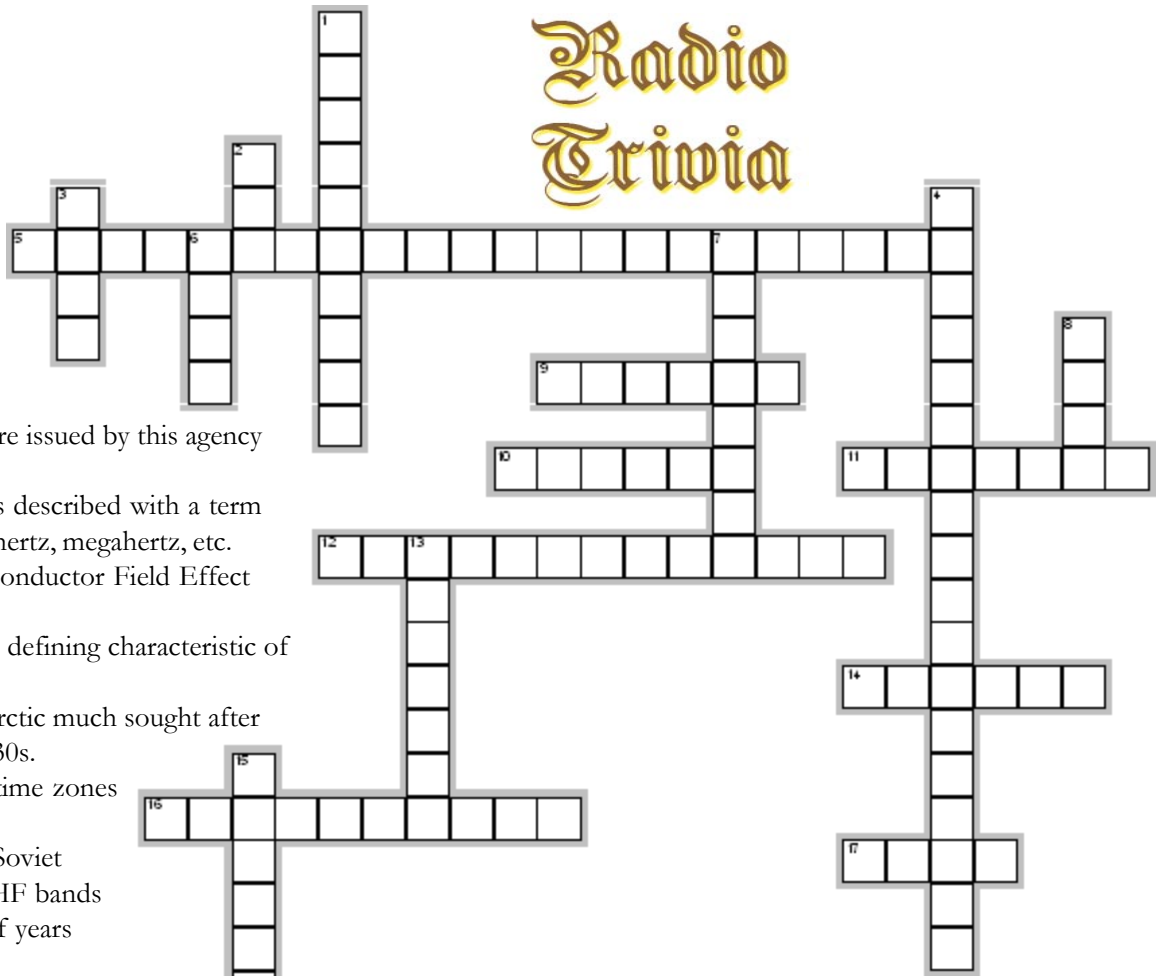
MN Icons Solution *cont'd on pg. 6*

a potential need for Emcomm support they will request it. Then and only then is it necessary and appropriate for the Emcomm group to respond. Responding to an official request is “real work,” not “make work.” The distinction is important for a variety of reasons and ought to be considered seriously and carefully by all of us in the Emcomm arena.

The author can be contacted via n7wrgvrrl@org

BTOVER

Radio Trivia



Across

- 5. Amateur licenses were issued by this agency prior to the FCC
- 9. Radio frequency was described with a term other than 'Hertz,' kilohertz, megahertz, etc.
- 10. Metal Oxide Semiconductor Field Effect Transistor
- 11. A tapped coil is the defining characteristic of this oscillator.
- 12. DX station in Antarctic much sought after by hams in the early 1930s.
- 14. How many world time zones are there?
- 16. Nickname for the Soviet radar that plagued the HF bands with QRM a number of years ago.
- 17. Amateur Radio Emergency Service
- 18. Of the following phonetics: ABLE, BAKER, CHARLIE, and DOG, which is actually in the ITU (ICAO) recommended list?

- 3. characters displayed on the Emergency Preparedness Merit Badge
- 4. Lindberg's radio operator on his flight now referred to as 'North to the Orient'?
- 6. Radio Society of Great Britain
- 7. This solid state device converts DC to AC.
- 8. How many callsign districts border the Great Lakes?
- 13. MGY was the callsign of what ill-fated ship.
- 15. Former name of Taiwan

Down

- 1. Well known amateur manufacturer located in Mars Hill, North Carolina.
- 2. Characters displayed on the Radio Merit Badge

MN Icons Solution *cont'd from pg. 5*

- 7. BABE—Large Ox that accompanied the legendary lumberjack across northern Minnesota.
- 8. LOON—The state legislature, in 1961, adopted this as the official state bird.
- 10. WEATHERBALL—This 12 foot tall indicator sat atop the NW National Bank building from 1949. "When RED, warmer weather ahead."
- 13. QUADRIGA—Statue representing agriculture and industry, in addition to earth, fire, water and wind, seen in St. Paul.
- 15. LUTEFISK—Norwegian delicacy consisting of cod that has been dried, soaked in lye, and boiled.

- BT OVER -



"If you think you can, or you think you can't, you're probably right."

Henry Ford

Amateurs Solve Parking Lot Mystery

When a viewer e-mailed about a bizarre security problem in a local shopping center parking lot, it peaked some interest at the local TV station NBC 10 in Philadelphia, PA. Many people lock and unlock a car by remote and don't even give it a second thought, unless it doesn't work one e-mailer explained.

Talking with people in the parking lot about the problem produced the following; "Nothing, nothing, nothing, lock it, nothing," one person said repeatedly pushing the key pendant button. It only happens in a specific location. "It doesn't work. I'm pressing," another person said. This mystery problem repeatedly occurs outside the Kohl's Store in Royersford, PA. "Weird mystery," one person said. "I could not believe this," another person said.

Kohl's managers said they had no idea either. "It must be the power plant or something," one person suggested. But nearby Limerick Power Plant officials insist it's not them. Some people thought maybe it was cell phone tower interference but there aren't any cell towers in the area. It's been a problem for more than a year. Some shoppers don't realize you might have to lock your car manually. If not, then the cars are unlocked and unsafe. One woman reported her laptop was stolen from her car after she thought she locked it. Police said they couldn't figure it out either. So who do you call? They're not Ghostbusters. They are radio signal busters.

"I'm an engineer," Reginald Leister said. "Somewhere in this parking lot there is a big source of radiation, some kind of signal," Bob Rex said. Leister and Rex are members of the Pottstown Area Radio Club.

"I built a little antenna," Rex said. "I made it out of copper tubing" as he connected the antenna to an impressive looking box. "This device is called a spectrum analyzer," Leister said. After looking around the area, they discovered something. "There are actually two signals there," Leister said. "It looks like it's coming from the building." The signals point to the Kohl's Department store. Kohl's said they would look into the issue.

The Federal Communications Commission licenses radio signals, and the radio operators said the fact that some signal is interfering with remote lock signals isn't good. "The FCC rules are pretty clear on this," Leister said. "It's probably something broken that's doing this," Rex said.

Rex and Leister said they think the problem is in the anti-shoplifting gates, sensors designed to alarm store security if someone steals something. However, three days later the car locks worked.

cont'd col. 2

Freedom Isn't Free

By: A. Nony Moose

**I watched the flag Pass by one day,
It fluttered in the breeze.
A young Marine Saluted it,
And then he stood at ease.**

**I looked at Him in uniform
So young, so tall, so proud,
With hair cut square and eyes alert
He'd stand out in any crowd.**

**I thought how many men like him
Had fallen through the years.
How many died on foreign soil
How many mothers' tears?**

**How many pilots' planes shot down?
How many died at sea
How many foxholes were soldiers'
graves?
No, freedom isn't free.**

**I heard the sound of Taps one night,
When everything was still,
I listened to the bugler play
And felt a sudden chill.**

**I wondered just how many times
That Taps had meant "Amen,"
When a flag had draped a coffin.
Of a brother or a friend.**

**I thought of all the children,
Of the mothers and the wives,
Of fathers, sons and husbands
With interrupted lives.**

**I thought about a graveyard
At the bottom of the sea
Of unmarked graves in Arlington.
No, freedom isn't free.**

"Now it's working," one person said. "It works now, thank you," another person said. Kohl's will only say they're working on it. The FCC said it does sound like something was malfunctioning and it's had similar bizarre cases recently in New York City and Tampa.

BTOVER

5G1B Net Schedule

6:30PM 4007 kHz USB

Day	NECOS	Tfc Rep
Sun.	XYA	XEE
Mon.	XEE	XEE
Tue.	BQH	BQH
Wed.	KZC	KZC
Thu.	SXU	SXU
Fri.	???	OCF
Sat.	Rotating Duty (see below)	

Don't be bashful, if the net has not been called by the net control station within 2 minutes, jump in and start things rolling.



NNN0VEU Neil McMillin 7/8
 NNN0XAY Skip Green 7/15
 NNN0YWH Bob Olson 7/17



Saturday NECOS / TREP Schedule

	NECOS	TREP
Jul 5	BQH	BQH
Jul 12	KZC	KZC
Jul 19	SXU	SXU
Jul 26	AVS	OCF
Aug 2	XYA	XEE
Aug 9	XEE	XEE

Test Your Analytical Skills An Odd Paragraph

Courtesy of The Electron, Cleveland Institute of Electronics

What is particularly unusual about this paragraph? You won't find many paragraphs similar to it. In all probability you will not find out what is so unusual about it right away, but if you look at it and study it for long, it may dawn on you. If you should find out what is odd or unusual, don't say what it is until I ask you; if you can't find out, wait until I supply you with a solution. I could throw you a hint, but I won't.

Answer in the next issue of the Minnesota MARSGRAM

Solution for June Test

Resistors in Parallel and Series.

What three equal value resistors when combined in series give 450 ohms and in parallel 50m ohms?

Answer: 150 ohms

All equal resistors are of equal value;

Series circuit – total resistance 450 ohms

$3X=450$ Ohms (total resistance of a series circuit.

$X = 150$ Ohms

Parallel circuit – total resistance = 50 ohms

All resistors are of equal value

$3X = 150$

$x = 50$ Ohms

HAPPY 4TH OF JULY

Thunder Chickens



ATLANTIC OCEAN (July 8, 2008) A V-22 Osprey aircraft from the "Thunder Chickens" of Marine Medium Tiltrotor Squadron (VMM) 263 conducts landing qualifications aboard the multi-purpose amphibious assault ship USS Bataan (LHD 5). Bataan is conducting routine operations in the Atlantic Ocean. U.S. Navy photo by Mass Communication Specialist 3rd Class Patrick Gearhiser

"There are more instances of the abridgement of the freedom of the people by the gradual and silent encroachment of those in power, than by violent and sudden usurpation."

James Madison