

“MAC” MUST BE DROOLING!

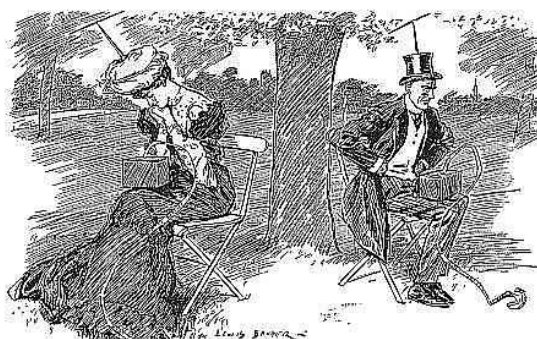
<http://tinurl.com/bj2kwnx>

New Missile Launching RC Helicopter_



This helicopter, combining all other little helicopter's function and features with the special missile launching capability, gives us the fun of air-to-air combat with your friends. This UDI-U809 is a different approach but looks like inexpensive fun. About \$30 to \$35. There are 2 buttons on the tx to launch each missile separately, kind of like a spring powered dart gun. I have found UDI helicopters to be good quality. Of course these are 3ch. As an entry level helicopter, it's super stable which means you can control it easily even you just fly it at first time.

Meanwhile, it can also be controlled by veteran for some amazing maneuver it can do. There are two missiles (6 missiles in the package) armed in the helicopter, you just need aim and fire and seeing the missile head to the target. The fun in flying this helicopter will belong to those who fly them. So don't hesitate. Pick one up and play.



DEVELOPMENT OF WIRELESS TELEGRAPHY.
SCENE IN HYDE PARK (circa 1906)

The couple pictured are not talking with one another. She's listening to amatory while the fellow is getting racing results.

DEEP SPACE COMMUNICATIONS



The NASA Deep Space Network (DSN) is an international network of antennas that provide the

communication links between the scientists and engineers on Earth to the Mars Exploration Rovers in space and on Mars.



The DSN consists of three deep-space communications facilities placed approximately 120 degrees apart around the world: at Goldstone, in California's Mojave Desert; near Madrid, Spain; and near Canberra, Australia. This strategic placement permits constant observation of spacecraft as the Earth rotates on its own axis.

Learn more about (click on highlighted areas):

the [size and strength](#) of the DSN Antennas

how the DSN [prevents "busy signals"](#)

how the DSN helps engineers [navigate](#) the spacecraft during cruise

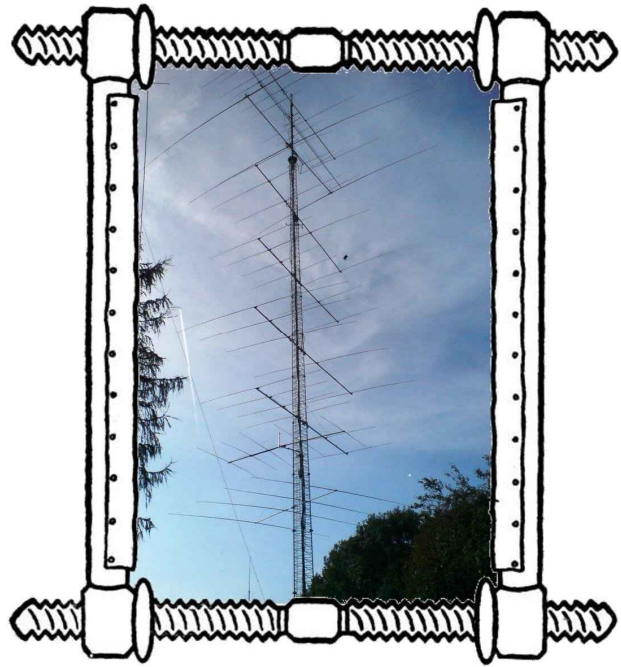
[special signal tones](#) the DSN will receive during entry, descent, and landing

how the rovers can [communicate through Mars-orbiting spacecraft](#)

[X-band radio waves](#) used by the rovers to communicate

[how fast and how much data](#) the rovers can send back

THE ULTIMATE HAM RADIO ANTENNA ARRAY?



and Facebook comments...





There are 639 ham operators in Albany County, 398 in Rensselaer County, 438 in Schenectady County, 208 in Columbia County and 598 in Saratoga County.

(QRZ.com)

That in the past 40 years, the number of Amateur Radio operators in the US has grown at a remarkable rate:

*December 1971: 285,000
December 1981: 433,000
December 1991: 494,000
December 2001: 683,000
September 2011: 700,221*

(Who says there's no interest in the hobby?)

(ARRL.org)

[But Japan has 1.3 million hams!]

Just about every mode of communication available today is used by amateurs. Some of them include, AM, FM, SSB, CW. Hams can even send TV pictures across the country or around the world! All forms of digital communication are used as well, computers have become a communication tool used by most of the hams today.

(magiclink.com)

One of the most important functions of amateur radio is communication in times of

distress. Hams are diverse, dispersed around the world, knowledgeable, and



disciplined. In the event of a natural disaster or other emergency, amateur radio can provide a means of communication when centralized systems are down (overloaded cell towers, downed telephone lines, power outages, etc.)
(<http://www.tek.com/blog/ham-radio-facts>)

Troy Amateur Radio Association

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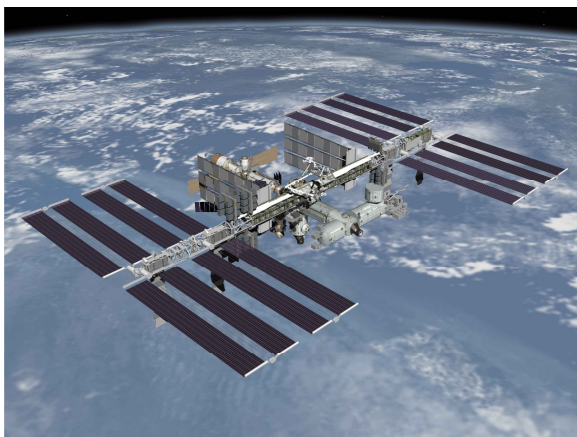


HOUSTON, WE HAD A...NEVER MIND!

International Space Station Briefly Lost Communication with the Earth Last Month



had what we can only imagine was a very tense hour or so February 19th as a computer malfunction cut off communication between the International Space Station and Mission Control in Houston as of 9:45 EST. The glitch appears to have been a pretty benign and easily fixed one, and the ISS crew was back on the air by 11:00 EST. We're all left thanking our lucky stars that the dropped call from space seems well in hand, and that it didn't interfere with any of the crew's important tasks.



The malfunction took place during a software update, which just goes to show that all computers, whether they're on your desk or in orbit around the planet, function on the same set of guiding principles. When the computer froze up, though, backup

systems kicked into gear. While they couldn't keep the ISS in contact with the ground, they did keep it from plummeting to the ground, so... B+, backup systems — great work, room for improvement.



It wasn't that bad. Really. It wasn't.

Mission Control was able to get in touch with the crew via Russian ground stations after just over an hour of radio silence, and as of 12:34 EST today, we had an official happy ending to that nail-biter as communications between the ISS and Mission Control were fully restored. And yes, this really counts as a nail-biter, because anything going even a little wrong in space is terrifying. Because it's in space, duh.

(via [NASA](#))

2013 FIELD DAY PACKET NOW AVAILABLE



It's that time of year again -- time to start gearing up for ARRL Field Day, June 22-23, 2013! ARRL's flagship

operating event -- always held the fourth full weekend in June -- brings together new and experienced hams for 24 hours of operating fun.

Field Day packets are now [available for download](#) and include the complete rules, as well as other reference items such as forms, ARRL Section abbreviation list, entry submission instructions, a Frequently Asked Questions section, guidelines for getting bonus points, instructions for get-on-the-air stations and a kit for publicizing your event with the local press. New for 2013: Stations operating as Class A or B may begin setting up at 0000 UTC on Friday (which will be Thursday 8 PM EDT, 7 PM CDT, 6 PM MDT and 5 PM PDT). The groups may start and stop their set-up, resuming the set-up later, but may spend only a maximum of 24 hours cumulative time for setting up their sites.

An informational flier entitled "What Is Field Day?" has also been included in this year's Field Day packet. Amateur Radio clubs and individuals are encouraged to reproduce the flier as a handout. Find it and more on the [ARRL's Field Day webpage](#).

INTRODUCTION TO EMERGENCY COMMUNICATIONS

ARRL's EC-001 Course Being Offered

In an effort to make Emergency Communications training more widely available, two classroom sessions of the ARRL's EC-001 Introduction to Emergency Communications course will begin shortly. This course is a complete rewrite of the original Level

1, 2 and 3 courses of years past and now more closely follows the Incident Command System (ICS) used by government agencies. ***This course requires proof of completion of FEMA IS-100 and 700 as prerequisites for taking the final certification exam.*** The exam closely follows the style of a standard VE session with a 35 question multiple choice test scored by two accredited Field Examiners (FI). The exam fee is \$15, same as a VE session.



As part of the ENY section's Statement of Understanding with the Northeast New York Region of the American Red Cross, the class sessions will be held at ARC facilities. We will do the classes in two methods: a 6 week set of Thursday evening sessions and a full set of two Saturday sessions. Both will conclude with an exam given at the last session. The two sessions are.....

**Thursday, April 04 2013 & Thursday,
May 09 2013 6:30 - 10 PM**

**American Red Cross Northeast NY
33 Everett Road
Albany NY 12205**

**Saturday, April 27 2013 & Saturday, May
04 2013 9 AM - 5 PM**

**American Red Cross
Adirondack Saratoga Chapter
74 Warren St. Glens
Falls NY 12801**

While not required, it is highly advisable to have a copy of the ARRL course textbook prior to the start of this course. A significant discount on the books is possible if arrangements are made with the instructors in advance. Otherwise the book is \$24.99 directly from the league.

The online course is always an option to obtain the certification individually with a \$50 charge for ARRL members/\$85 non-members.

Contact David directly at km2o@arrl.org to preregister.

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David Galletly KM2O

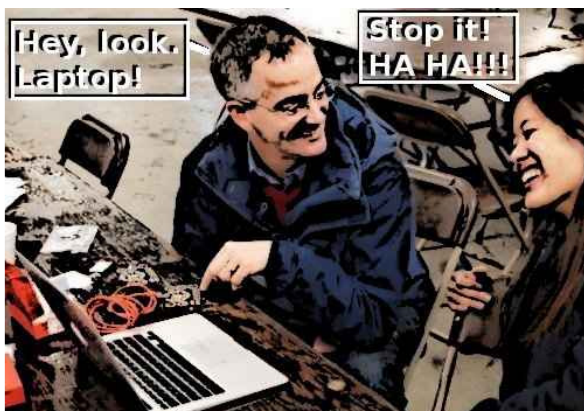
Section Emergency Coordinator

Eastern New York Section

km2o@arrl.org

hudson.arrl.org/eny

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REPEATER ETIQUETTE

Roundtables and "Turning it Over" or...

How to Avoid the Dreaded "Doubled"

When more than two amateurs are in a QSO, it is often referred to as a "roundtable" discussion. Such a QSO usually goes in order from amateur A to amateur B to amateur C and eventually back to amateur A again to complete the roundtable. To keep everyone on the same page, when any one amateur is done making a transmission, they "turn it over" to the next station in sequence (or out of sequence, if so desired). Without turning it over to a particular station when there are multiple stations in the QSO, nobody knows who is supposed to go next, and there ends up either being dead silence or several stations talking at once. At the end of a transmission, turn it over to the next station by naming them or giving their callsign, such as "...and that's that. Go ahead Joe." or "...and that's that. Go ahead XYZ." If it's been close to 10 minutes, it's a good time to identify at the same time as well, such as "...and that's that. N3XYZ, go ahead Joe."

Referenced the University of Pennsylvania Amateur Radio Club, W3KZ/W3ABT

<http://www.seas.upenn.edu/~uparc/>

UPCOMING HAMFESTS

<u>SWL WINTERFEST</u>	3/1	X	Doubletree Suites - Plymouth Meeting, PA	146.52
<u>MT TOM</u>	3/2	X	Turnverein Club - Springfield, MA	146.94- pl 127.3
<u>LIMARC</u>	3/3	X	Levittown Hall - Hicksville, NY	146.85- pl 136.5
<u>SARATOGA WINTERFEST</u>	3/9	X	Ballston Spa, Solar Building	147.00 + pl 91.5
<u>SOUTHINGTON</u>	4/7	X	HighSchool - Southington, CT	147.345 + pl 77
<u>FRAMINGHAM</u>	4/7	X	Keefe Tech - Framingham, MA	147.15 +
<u>MIDDLETOWN</u>	4/14	X	Walkill Community Center	146.76 - pl 100
<u>BINGHAMTON</u>	4/14	?	Knights of Columbus Hall - Binghamton, NY	146.865 - pl 146.2
<u>SPLITROCK, NJ</u>	4/20	X	Horseshoe Lake Park - Succasunna, NJ	146.985- pl 131.8