



MARCH MEETING HAS DIRECTION

“**Come celebrate!** Thousands of members and friends of **ARRL** will gather at the *Connecticut Convention Center* in *Hartford*, ARRL's birthplace, to celebrate the organization's first 100 years of members "Advancing the Art and Science of Radio." Founded in 1914, ARRL (American Radio Relay League) is the national association for **Amateur Radio** in the US and the largest organization of radio amateurs, or "hams," in the world.”



The next scheduled TARA club meeting on March 18, 2014 will feature a talk by our own **Randy Stein, KL7TJZ**. The topic will be *Amateur Radio Direction Finding (ARDF)* described in part as a “sport that combines radio direction finding with the map and compass skills of orienteering.” Got that?

Sourced by...

(http://en.wikipedia.org/wiki/Amateur_radio_direction_finding)



For more details and registration information go to...
<http://www.tinyurl.com/arrl2014conn2ty>

Let's have a great turnout!

2014 PUBLIC SERVICE EVENTS



Runnin of the Green -
Saturday March 15th - 10 AM

CDPHP Corporate Challenge -
Thursday May 15th - 6 PM

Watervliet Memorial Day Parade -
Monday May 26th - 10 AM

Freihofers Run for Women -
Saturday May 31st - 10 AM

MS Bike Hudson River Ramble -
Saturday September 20th - 7 AM

Watervliet Arsenal City Run -
Sunday September 28th - 10 AM

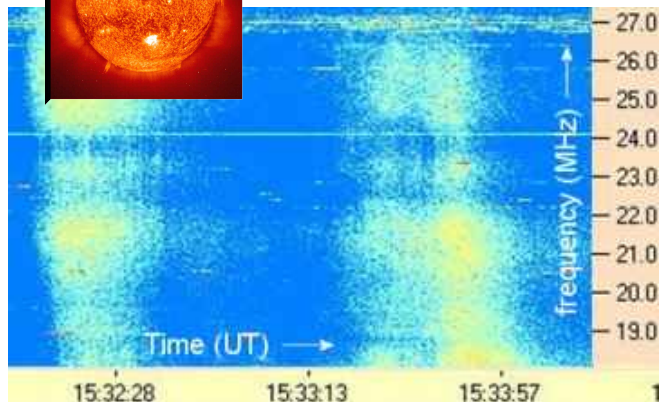
Hudson Mohawk Marathon -
Sunday October 12th - 7 AM

Pumpkin Patrol -
Thursday October 30th - 6 PM

Pumpkin Patrol -
Friday October 31st - 6 PM

AMATEUR RADIO ASTRONOMY

Listen in to natural, man made and other(?) radio sources from space.



"RADIO"-ACTIVE SUNSPOT:

A recorded graphic of a solar outburst using an antenna much like the one pictured above.

Insert: A very active sun.

Amateur radio astronomy, not necessarily related to amateur (ham) radio but it doesn't hurt, is an exciting hobby that can attract many to the wonders of the study

of heavenly objects in the sky. Although it can be expensive for an individual the cost can be greatly reduced if several people get involved to share the cost. A club quickly comes to mind.

Of course, radio astronomy is like so many other fields of knowledge...the more you know and do in the field, the more you find yourself stumbling upon new and intriguing avenues of discovery such as the...

- Study of Jupiter's noise storms.
- Recording of solar flares and the predicting of geomagnetic activity.
- Detecting a pulsar using DSP (digital signal processing).
- Detecting of stronger radio sources.
- Search for HEPs (high energy pulses} from the galactic center.
- Search for radio correlations to gamma ray bursts.
- Study of ionospheric scintillation and refraction.
- Detecting of meteors invisible to the eye.
- Developing of a long base line interferometer.
- Learning of radio technology.
- Study of astronomy.
- Search for ET. (yes, *E.T.*)

Arm Chair Radio Astronomy?

Actually, the Internet and computers have made it possible to learn much about radio astronomy without ever building or using an actual radio telescope. There are huge databases of information already collected, just waiting to be examined in detail. If you aren't inclined to do

hands-on type projects, you still can play an active role in the amateur radio astronomy community. If this sounds like your cup of tea then you can skip the rigors of electronics and building antennas and jump right in.

Sourced by...

<http://www.radiosky.com/topics/home.html>

ATVET EXAM DATES

Exam Date	Day	Doors Open	Exam Time (Doors will Close)
March 22nd 2014	Sat.	9:20 AM	10:00 AM
April 26th 2014	Sat.	9:20 AM	10:00 AM
May 24th 2014	Sat.	9:20 AM	10:00 AM

Where? C.I.I. Building (George M. Low Center for Industrial Innovations), Room 3045, on the Campus of Rensselaer Polytechnic Institute in Troy NY.



AN AWARD



Congratulations to Mike Sims, K4GMH

Mike's words of acceptance...

Hello Karen,

Thank you and TARA for the beautiful plaque and kind words on it. Definitely will be placed in a prominent place in the shack.

However, "unscathed" on the plaque citation may not be true as received a good number of cuts, scratches, bruises, scraps, etc getting the tower and antennas in place to capture the TARA award:>) (Operating is the easy part of contesting most of the time:>)

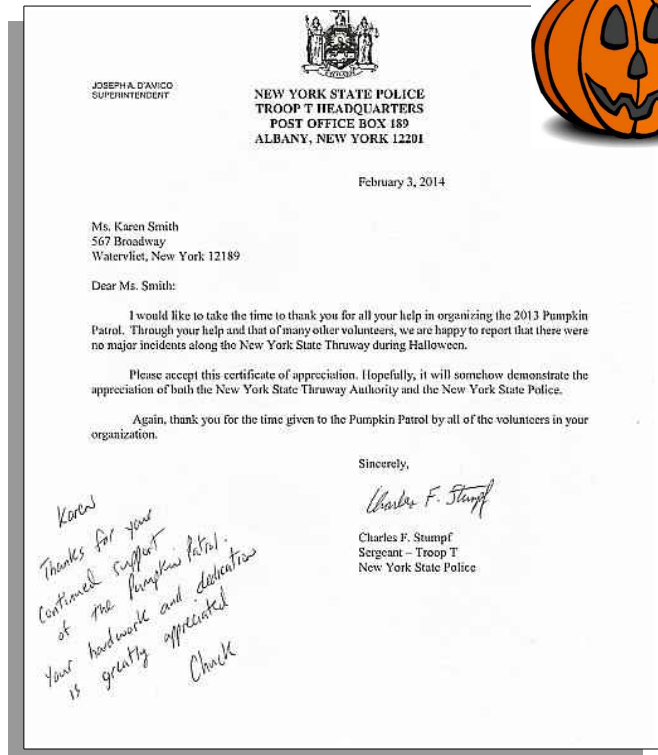


Proof of Mike's history of nefarious behavior.

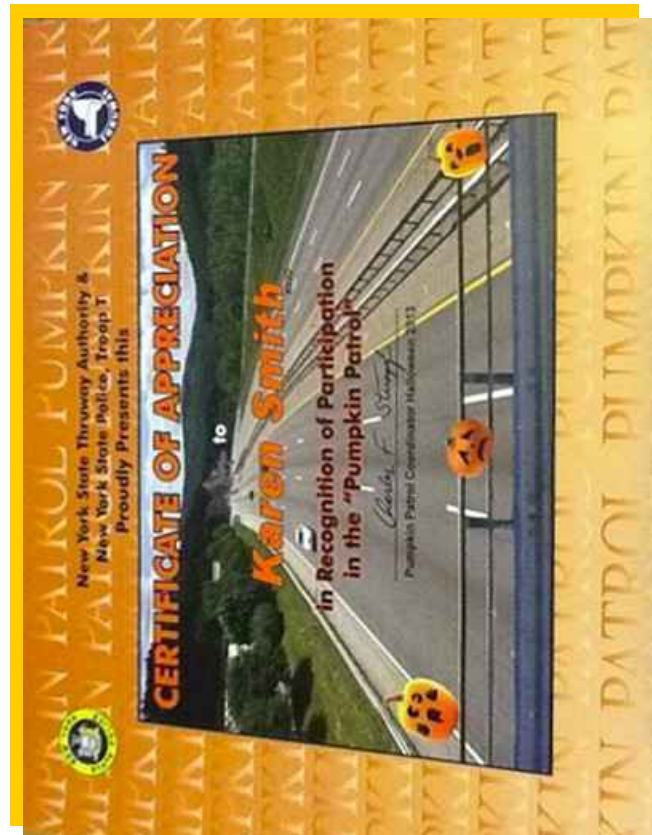
Thanks TARA for sponsoring the Contests. Again, thank you and TARA for the beautiful plaque and kind words on it.

73, Mike, K4GMH

THE TARA NEWS



A word of thanks to Karen, KS2O, from Troop T of the New York State Police in gratitude of local ham participation in the Halloween 2013 Pumpkin Patrol.





That said here's...

HOW EDWIN ARMSTRONG CLIMBED GREAT HEIGHTS JUST TO IMPRESS A GIRL

By [Corey Deitz \(radio.about.com\)](http://radio.about.com)

Edwin Armstrong (1890-1954), **inventor of FM radio**, adored radio towers and was prone to climbing them. One time he even climbed to the top of the 450-foot RCA radio tower on top of the RCA Building in New York City and stood on the very top - absolutely infuriating the head of RCA at the time, David Sarnoff.

But, there's a little more to this story. Armstrong had recently met Marion MacInnis who was employed as General



Armstrong atop the ball shape apex of the RCA Tower.

Sarnoff's secretary. Mr. Armstrong became infatuated with Miss MacInnis and devised a way to really get her attention.

That's where the RCA radio tower came in. In 1923 Armstrong scaled the tower which was no easy feat. The tower was 115 feet high and was perched atop the 21 story Aeolian Hall in midtown Manhattan. Armstrong was careful not to climb to the apex without someone available to document his achievement.

And when I say "document", I don't mean

to write about it.



The subject of Armstrong's affection, one Marion MacInnes, whom he later married. His wedding gift to her -- a portable radio.

Edwin Armstrong arranged for someone to photograph his ascent to the very top. Once he reached the zenith, which was a hollow ball with a metal skeletal exterior, he mugged for the camera, did a little one-legged dance, sat with legs outstretched,

and generally had a good time.

After he came down, Armstrong waited for his photographs to be developed and then sent copies of his prank to Miss MacInnis in the hopes she would realize what a catch he really was. It appeared to work. They married on December 1, 1923.

Sourced by...

<http://radio.about.com/od/radiohistory/a/How-To-Impress-A-Woman-With-A-Radio-Tower-Edwin-H-Armstrong.htm>

UPCOMING HAMFESTS

Courtesy Tony's
(W2BEJ)

World Famous
Hamfest List

March-April 2014



Thanks Tony

SWL WINTERFEST	3/14	Doubletree Suites - Plymouth Meeting, PA	146.52
SOUTHINGTON	3/16	HighSchool - Southington, CT	147.345 + pl 77
FRAMINGHAM	4/6	Keefe Tech - Framingham, MA	147.15 +
SPLITROCK, NJ	4/12	Roxbury Senior Center - Succasunna, NJ	146.985- pl 131.8
BINGHAMTON	4/13	Knights of Columbus Hall - Binghamton, NY	146.865 - pl 146.2
MIDDLETON	4/27	Wallkill Community Center	146.76 - pl 100
BEACON	???	Tymor Park, Unionville, NY	146.97 - pl 100
DEERFIELD NEAR-Fest	5/2	Fairgrounds - Deerfield, NH	146.52

AN HF NET SCHEDULE

THE AMERICAN LEGION ARC, W9L

Thanks to Craig, W3CRR for this information.

75 METERS, EVERY SATURDAY, 3919 KHz, 2000
CST (0200 UTC) with Art, KG4EYG

20 METERS, 2ND SATURDAY OF EACH MONTH,
14.310 MHz, 1100 CST (1700 UTC) with Bill, KI0CW

40 METERS, 2ND SUNDAY OF EACH MONTH, 7.238
MHz, 1700 EST (2200 UTC) with Craig, W3CRR

They'll love to get check-ins.



The latest
example of the
ultimate
mobile ham
shack.

**ARE YOU
SERIOUS?**



This SUV carries with it an exceedingly large antenna array. From the looks of it they appear to be upper HF, VHF, and UHF narrow directional antennas. Perhaps microwave as well?

Troy Amateur Radio Association



Officers:

Karen Smith, KS20	President
Randy Stein, KL7TJZ	Vice-President
Beth Whiting, KC2BSC	Secretary
Jack Culliton, N2LBZ	Treasurer

Board of Directors:

	term expires...
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Mike Styne, K2MTS	'14
Dick Neimeyer, W2ABY	'15
Roy Warner, N2OWC	'15
Margaret Warner, N2PEK	'14

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