

SKYWARN TRAINING AT MAY 4th MEETING

The weather forecasts that our government provides for public consumption are generated by the National Weather Service. For their purposes, they have state of the art radar facilities, sophisticated computer systems, a multitude of measuring equipment (such as rain gauges, items for wind speed/direction, humidity meters, weather balloons with transponders), and a very well-trained professional staff.

Despite all these things, they could use help. You see, all the tools mentioned above don't always let the professionals know what is going on. That's where SKYWARN volunteers help. They are trained to watch for specific weather conditions that forecasters in the NWS offices cannot see. They need help in knowing where rain, tornadoes, heavy snow falls, hail, floods, freezing rains, and other conditions are threatening our population.

These SKYWARN volunteers are trained in a series of public classes held across the country each year. The classes let the volunteers know what to look for and what to report. Special purpose phone numbers are made known for reporting purposes. Also, most local weather service offices have amateur radio gear. During significant weather events, you can often contact them using amateur radio. Specific 2 meter repeaters are pressed into service for nets, to receive weather information during severe weather conditions.

By taking one of the SKYWARN classes, you will receive a spotter ID card. That card summarizes weather events that should be reported. It also includes the special phone number. Oh, by the way, you also get permission to use the colorful SKYWARN apparel.

STARS 2017 GOALS	
Participate in Field Day.	●
Participate in NYS QSO Party.	●
Conduct fundraising events.	●
Acquire new equipment.	●
Attend mini-maker faire(s).	●
Conduct club build project(s).	●
Install three yagi antennas.	●
Present 4 monthly programs.	●
Conduct training on club equipment.	●
Conduct General & Extra Classes.	●
Install satellite antennas.	●
Maintain repeater systems.	●



**NWS
SKYWARN
TRAINING**

DATE	COUNTY	LOCATION	ADDRESS	SPONSOR
Wednesday 5/3/2017 7 PM	Orleans	Orleans Co Emergency Management Office	14064 County House Rd Albion, NY 14411	Orleans County Emergency Management
Thursday 5/4/2017 7 PM	Erie	Hamburg Youth Center	200 Prospect St Hamburg, NY 14075	STARS Amateur Radio Club
Monday 5/22/2017 7:30 PM	Chautauqua	WCA Hospital	207 Foote Ave Jamestown, NY 14701	Chautauqua County Amateur FM Association

CLUB REPEATER CODES

Any member who needs a copy of our club repeater codes, including IRLP, please contact membership chairman, [Patrick Groom, KC2VWG](mailto:Patrick.Groom@k2vwg.com).

The codes come in booklet form or wallet size

TECHNICIAN CLASS

EMPact America, West Seneca CERT and Elma CERT, in cooperation with **STARS**, will be offering a technician class, beginning on Wednesday, May 3rd, at 6:30 PM. Classes will be held in the basement of EM-Pact America, 7615 Seneca Street, in East Aurora.

Classes will be three hours long, each Wednesday, for about 5 weeks. The classes are free, however, a fee is **charged** for a text book, and for the final exam.

Registration can be done through EMPact America website, or through mamcculloch@empactny.org.

Under the direction of [Robert Koster, KA2WYE](mailto:Robert.Koster@ka2wye.com), past classes have produced many new amateur operators.

If you are willing to assist with this class, contact Bob by control-clicking on his name above.

Upcoming training is listed in the table below. For more information, and to register for a training session, use this link:

<http://www.weather.gov/buf/Skywarn> or jon.hitchcock@noaa.gov

LETTERS TO THE EDITOR, RE: APRIL TELSTAR

Is the entire legal band area changing?!?!? I thought it was expanding...Oh boy. There is going to be lotz of bark'in over the band changes making a lot of equipment/radios and antennas unusable. Some radios can be modded for freq and hams will have to climb their towers and roofs to replace antennas that will now be too small come July. That table shows a move from the old band freqs to a new band area.

All those that were stiff necked about only buying a radio that would ONLY transmit within the legal band will probably be the loudest.

Another ham pointed me the date on the top of the newsletter.

Well done. Had me for couple hours just like the kids had overturned cups of water waiting for their mom to find.

Steve Shepherd
KD2JBN

Aww mannnnn....

Hopefully Yaesu will send me some new firmware to update the frequency coverage on my FT-991...

Tom, KC2CAG (Denver)

Front page of telstar with frequency changes seems unbelievable.

So do we LOSE our current freq and move to the new ones or do we have additional frequencies on top of what we have now??

Good work Tomm. You had me going for 20 minutes...

Larry, WA2TLY

You had me during the breakfast hour, trying to figure out how to sell the equipment quickly. Great job.

Greg
KD2MIC

Thank you for the heads up on the new frequency allocations. I was aware this was in the works and did some research on it.

The frequency range of a radio can be doubled merely by doubling the primary voltage. So, if you have a radio that normally runs on 12V, purchasing a 24V supply will solve your problem. However, if your radio has a built in supply and normally runs from 110V AC you will have to have a separate 220V AC line installed in your house.

My radio normally covered 1.8 - 54 Mhz. With the new 24V supply it now functions perfectly up to 108 Mhz which should also provide for any future frequency expansions.

73,
Don
K2PMC

I know the frequency changes are an "April Fools" joke, but as I said last year, that sort of thing should be identified somewhere in the *Telstar* to avoid stressing some of our newer members, as well as not having non-members who get a hold of an electronic copy of it think our club is providing misinformation..

Greg,
KE2VW



A stylized graphic with the words "April Fool!" in a bubbly, red font with white outlines and a drop shadow effect.

BAOFENG PROBLEM SOLVED

After a few years of excellent service, my Baofeng UV-5R began showing a problem. Any slight movement of the unit would cause a scratchy sound. The sound was similar to that made when an older variable resistor was turned.

Figuring it might be some dust, I powered down the unit and then exercised the variable resistor several times. I powered up the unit. The problem was still present.

Okay, where else could dust be causing an intermittent problem? Again, I powered down the unit. However, this time I concentrated on the push buttons. I pressed every one several times, hoping to cure the problem. It didn't change anything.

One evening, at the club radio shack, I brought the problem to the attention of **Rick Neubeck, W2RLN**. He wiggled the radio, experienced the static, and thought it might be the antenna. I scoffed at the idea, as Rick had been trying to convince me to change the provided rubber duck antenna for weeks.

Rick asked if he could try his Nagoya 771 antenna on my portable. I told him to try, not expecting any change. Once installed, he shook the radio.

The static-like sound was gone! I thanked him for solving the problem, and reinstalled the duck.

A week or so later, I brought the static problem to the attention of some of the ARES/RACES members. **Steve Piotrowski, AG2AA**, took the radio, unscrewed the rubber duck, and shook it lightly. Surprise, you could hear a slight metal ticking sound from it.

Problem solved! The antenna had a broken wire.

It probably was exacerbated by my usual practice of grabbing the portable by the base of the antenna.

Time to cure that bad habit! (And get a new antenna.)

BEMUS PT HAMFEST

SATURDAY - MAY 6, 2017

SHORE ACRES BOAT YARD

3979 ROUTE 430 BEMUS PT. NY

DICK SPARLING K2EY INVITES YOU TO HIS COME
HELP CLEAN OUT

A 60+ YEAR JUNK BOX HD HF LINEARS TO
1/8 WATT RESISTORS

IF YOUR JUNK BOX NEEDS CLEANING BRING IT
ALONG AND TAIL GATE

ARRL VE TESTING - FOOD - DRINKS

SEE YOU ALL ON MAY 6TH

73 DICK K2EY

RIPLEY HAMFEST

SUNDAY - MAY 7, 2017

RIPLEY FIRE HALL

12 NORTH STATE STREET
(ON NY RTE. 76, SOUTH OF US RTE. 20)
PARK S/O OF FIRE HALL & N/O RAILROAD

OPEN TO PUBLIC 8:00 AM TO 12 NOON
VENDOR SET-UP - 7:00 AM

HAM RADIO RELATED ELECTRONICS & COMPUTER
RELATED ITEMS

ADMISSION ONLY - \$3.00
ONE TABLE INCLUDING ADMISSION - \$5.00

TO RESERVE TABLES CONTACT:
FRED KRAUSE, N2LXD @ 716-708-9830
BOB FULLER, N3LBI @ 814-898-1115

COFFEE AND BREAKFAST ITEMS AVAILABLE

REFLECTIONS

(Items from past *Telstar* issues)

This is page 1 of the October 1967 Telstar (volume 1, edition 2). Note the description of the club emblem in the third paragraph. Does anyone remember the term "HAM-STARS"?

VOL. 1

STARS

1 OCTOBER 1967

#2

PUBLISHED MONTHLY BY THE SOUTH TOWNS AMATEUR RADIO SOCIETY

Hi gang, well we made it through the first printing without too many scratches. All reports coming in so far are all FB. We are still looking for a place to make copies of the Newsletter. The last issue and this one are through the efforts of K2VUK, but we don't want to abuse this privilege.

ELECTIONS ETC.

Two meetings have been held since the last Newsletter was put out. At the first one, the temporary officers were elected and a club emblem was chosen. The temporary officers are:

WB2YNR Hap Cole, President
K2KQC Valerie Orgera, Vice President
WN2WCT Joe Guzanski, Secretary
WB2TGL Henry Helts, Treasurer, and
WN2CEF Don Elachura was appointed as Seargent at Arms.

The club emblem will be a five-pointed star inside a circle, with the name of the club spelled out around the inside edge of the circle. Then, in the center of the star will be the words, HAM-STARS.

The second meeting was held for the first time at the Hamburg Town Hall on South Park Ave., just North of the Village of Hamburg. It was decided at this meeting to hold the meetings at 8:00PM on meeting nights, and hold classes from 7:00 to 8:00 PM on those nights. So sharpen up your pencils and dig out your pads, locate your license manuals and posi-checks, and we will see you at the classes.

At the last meeting, I asked all the members to bring some ideas to the next meeting, for club activities, picnics X-mtr hunts, etc.

For the last few meetings and for a few more to come, one of the main topics will be the drawing up of By-Laws and Constitution. Anyone wishing to help with this endeavor, please contact WB2SUX Jerry.

One little sideline of the last two meetings was a curiosity raffle, in which some little thing or things were raffled off. WN2CNH was the first winner, and WN2CNH was our second winner. These items consist of little odds and ends that were sitting around someones shack.

BOQUETS

The N C A R C of Dunkirk was sent a copy of our first Newsletter. They expressed a desire to exchange Club papers. The Northern Chautauqua Club President W2FUL and Vice President WB2VTR on behalf of their club send along 73 and best of luck to our new club, TNX John and Joe. John W2FUL, also wanted a little plug for his new parts storehouse. Yours truly has visited the storehouse and was pleasantly surprised by the amount and quality of parts he displayed. The QTH is on Route 5, about 2 miles north of Dunkirk.

HEARD ON THE AIR

Well fellows, I'd like to carry on with you, but the XYL just came home. She wants to use the dryer, so I'll have to QRT.

INCENTIVE LICENSING

MUCH has been said about the incentive licensing program recently adopted by the FCC. The Oct. issue of QST carries a complete rundown on the new rules. Briefly, we will give you a run-down on what to expect. We will go about this chronologically.

Effective November 22, 1967: The Novice license term will be for two (2) years instead of one (1). Amateurs who hold an Extra Class license and were first licensed by the United States 25 years ago, can apply for a two (2) letter call. No special calls can be asked for and the regular fee of \$20.00 will apply. There will be no frequency change at this time.

Effective November 22, 1968: The Novice two meter phone privileges will be withdrawn. Extra Class license holders will have the exclusive rights to the following:
Frequencies: 3.5 MC to 3.525 mc., 3.8mc. to 3.825mc., 7 mc. to 7.025, 14 mc. to 14.025 mc., 21 mc. to 21.025 mc., 21.25 mc. to 21.275 mc. Advanced license holders as well as extras will have rights to these frequencies: 3.825 to 3.85 mc., 7.2 to 7.225 mc., 14.2 mc. to 14.235 mc., 21.275 mc. to 21.3 mc., 50 mc to 50.1 mc.

Effective November 22, 1969: Extras will have the rights to these frequencies: 3.5 mc. to 3.55 mc., 7.0 to 7.050 mc., 14.0 mc. to 14.050 mc., 21 mc. to 21.050 mc. plus any frequencies that they were

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www.arrl.org/expo

EXAM SITES

5/3/2017

[Springville](#)

Sponsor: CCARET
 Location: Bertrand Chaffee Hospital Board Room
 222-East Main Street
 Contact: Ray Feness (716)-289-0612
 Time: 7:30 PM (Walk-ins allowed)

5/06/2017

[North Tonawanda](#)

Sponsor: ARA of the Tonawandas
 Location: North Tonawanda Fire Headquarters
 495 Zimmerman Street - Training Rm
 Contact: William F. Klepser (716) 839-3525
 Time: 10:00 AM (Registration preferred)

5/06/2017

[Jamestown](#)

Sponsor: CARSC
 Location: Prendergast Library
 509 Cherry Street 2nd fl conf rm
 Contact: Russell D. Trippy (716) 489-4279
 Time: 2:00 PM (Walk-ins allowed)

5/09/2017

[Niagara Falls](#)

Sponsor: Niagara Radio Club, Inc.
 Location: Venture Forthe, Inc.
 3900 Packard Road
 Contact: Darren Wade Robbins (716) 478-9663
 Time: 6:30 PM (Walk-ins allowed)

5/13/2017

[Dunkirk](#)

Sponsor: NCARC VE Team
 Location: Salvation Army
 704 Central Ave
 Contact: Darlene J. See (716) 450-9752
 Time: 12:00 PM (Walk-ins allowed)

5/20/2017

[Hamburg](#)

Sponsor: STARS
 Location: Hamburg Youth Center
 200 Prospect Avenue
 Contact: Thomas J. Dean (716) 826-1487
 Time: 9:00 AM (Walk-ins allowed)

5/21/2017

[Geneseo](#)

Sponsor: Genesee Valley ARA
 Location: Livingston County Government Center
 2 Court Street Rm 205
 Contact: Lawrence Omans (585) 322-4829
 Time: 5:30 PM (Walk-ins allowed)

5/30/2017

[Lancaster](#)

Sponsor: Lancaster ARC
 Location: Lancaster ARC- Club House Building
 525 Pavement Road
 Contact: John H. Maxwell (716) 404-9256
 Time: 7:00 PM (Walk-ins allowed)

(control + click on City for more info)



- Free; no charge for examination

TESTING NEEDS

- Legal photo ID (a driver's license is excellent!)
- Current license and/or CSCE documents, if any, and a non-returnable photocopy of each
- Federal Registration Number (FRN); if none, then Social Security Number (SSN)
- \$15 in cash, check or money order
- Two #2 pencils with erasers, and a pen
- Calculators are permitted as long as any programming has been cleared.

[\(more info\)](#)

CONTEST CALENDAR



Start and Finish

Contest Title

Sponsor's Website

Start and Finish	Contest Title	Sponsor's Website
Weds 0230Z-0300Z	Phone Fray	www.perluma.com/Phone_Fray_Contest_Rules.pdf
Weds 1300Z - See web	CW Ops Weekly Mini-CWT Tests	www.cwops.org/cwt.html
Wed & Fri 0100Z - 0229Z	QRP Fox Hunt	www.qrpfoxhunt.org/winter_rules.htm
Fridays, 0145Z - 0215Z	NS Weekly RTTY Sprint	www.ncccsprint.com
Fridays, 0230Z - 0300Z	NS Weekly Sprint	www.ncccsprint.com
May 1, 1300Z - May 1, 1900Z	AGCW QRP/QRP Party	www.agcw.org/index.php/en
May 1, 1900Z - May 1, 2030Z	RSGB 80-Meter Club Championship, SSB	www.rsgbcc.org/hf
May 2, 0100Z - May 2, 0300Z	ARS Spartan Sprint	arsgrp.blogspot.com
May 3, 1900Z - May 3, 2300Z	432 MHz Spring Sprint	sites.google.com/site/springvhfupsprints
May 3, 2300Z - May 4, 0300Z	MIE 33 Contest	www.ztv.ne.jp/isoda/33
May 4, 1700Z - May 4, 2100Z	NRAU 10-Meter Activity Contest	www.nrau.net/activity-contests
May 6, 0000Z - May 7, 1600Z	Araucaria VHF Contest	www.avhfc.com/
May 6, 0001Z - May 7, 2359Z	10-10 International Spring Contest, CW	www.ten-ten.org
May 6, 0600Z - May 7, 2359Z	SBMS 2.3 GHz and Up Contest	www.n6nb.com/sbmsrules.htm
May 6, 0800Z - May 6, 1400Z	Microwave Spring Sprint	sites.google.com/site/springvhfupsprints
May 6, 1200Z - May 7, 1159Z	ARI International DX Contest	www.ari.it
May 6, 1200Z - May 7, 1200Z	F9AA Cup, PSK	www.site.urc.asso.fr
May 6, 1300Z - May 7, 0700Z	7th Call Area QSO Party	ws7n.net/7QP
May 6, 1500Z - May 7, 0300Z	Indiana QSO Party	www.hdxcc.org/inqp/rules.html
May 6, 1700Z - May 6, 2100Z	FISTS Spring Slow Speed Sprint	fistsna.org
May 6, 1700Z - May 7, 2359Z	Delaware QSO Party	www.fsarc.org/qsoparty
May 6, 2000Z - May 7, 2359Z	New England QSO Party	www.neqp.org/rules.html
May 10, 1900Z - May 10, 2030Z	RSGB 80-Meter Club Championship, Data	www.rsgbcc.org/hf
May 11, 0030Z - May 11, 0230Z	NAQCC CW Sprint	naqcc.info
May 13, 1000Z - May 13, 2200Z	Jakarta DX Contest, 40 Meters	jakartadxcontest.com
May 13, 1200Z - May 14, 1159Z	CQ-M International DX Contest	www.cq-m.ru/en
May 13, 1200Z - May 14, 1159Z	HPC World Wide DX Contest	pskclub.gr/contest
May 13, 1200Z - May 14, 1200Z	VOLTA WW RTTY Contest	www.contestvolta.com
May 13, 1400Z - May 14, 0200Z	Arkansas QSO Party	www.arkqp.com
May 13, 1200Z - May 14, 2359Z	SKCC Weekend Sprintathon	www.skccgroup.com
May 13, 1400Z - May 14, 2359Z	MARAC County Hunters Contest	www.marac.org
May 13, 1100Z - May 20, 2300Z	Portuguese Navy Day Contest	www.nra.pt
May 13, 1700Z - May 13, 2100Z	FISTS Spring Unlimited Sprint	fistsna.org
May 13, 2300Z - May 14, 0300Z	50 MHz Spring Sprint	sites.google.com/site/springvhfupsprints
May 14, 1000Z - May 14, 1400Z	WAB 7 MHz Phone	wab.internip.net
May 14, 1300Z - May 14, 1659Z	UA2 QSO Party	www.qrz.ru
May 15, 0000Z - May 15, 0200Z	4 States QRP Group 2 nd Sunday Sprint	www.4sgrp.com
May 19, 1800Z - May 19, 2159Z	Slobzhansky Sprint Contest	ut0lwr.wixsite.com/gotdr/
May 20, 0600Z - May 20, 2100Z	UN DX Contest	undxc.kz/bez-rubriki
May 20, 0800Z - May 21, 1100Z	NZART Sangster Shield Contest	www.nzart.org.nz/activities
May 20, 1200Z - May 21, 1200Z	His Majesty King of Spain Contest, CW	concursos.ure.es
May 20, 1200Z - May 21, 1200Z	EU PSK DX Contest	www.eupsk.com
May 20, 1200Z - May 21, 1200Z	Aegean RTTY Contest	www.aegeandxgroup.gr
May 20, 1600Z - May 20, 2159Z	Feld Hell Sprint	sites.google.com/site/feldhellclub
May 20, 2100Z - May 21, 0200Z	Baltic Contest	lrsf.lt/bcontest/english
May 22, 0200Z - May 22, 0400Z	Run for the Bacon QRP Contest	qrcontest.com/pigrun
May 24, 0000Z - May 24, 0200Z	SKCC Sprint	www.skccgroup.com
May 25, 1900Z - May 25, 2030Z	RSGB 80-Meter Club Championship, CW	www.rsgbcc.org/hf
May 27, 0000Z - May 28, 2359Z	CQ WW WPX Contest, CW	www.cqwpw.com
May 28, 1300Z - May 28, 1600Z	SARL Digital Contest	www.sarl.org.za
May 29, 0001Z - May 29, 0400Z	QRP ARCI Hootowl Sprint	www.qrparci.org/contests/

(control +click to activate a link)

For more information on contests: <http://www.arrl.org/contest-calendar>

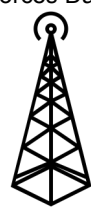
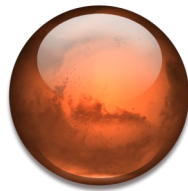


SPECIAL EVENT STATIONS

Full information at: <http://www.arrl.org/special-event-stations>

Apr 28 - May 8 N5B
 Apr 29 - May 5 KM4RE
 May 1 - May 15 K3M
 May 4 NA4CC
 May 5 - May 6 K3PSG
 May 6 - May 7 W4ABR
 May 6 - May 7 KD9GUH
 May 7 - May 14 W9IMS
 May 9 - May 10 W7G
 May 10 - May 30 K8UNS
 May 13 NI6IW
 May 13 K5T
 May 13 W1HG Y
 May 13 - May 16 N4C
 May 18 - May 22 N7T
 May 19 - May 29 N6L
 May 19 - May 28 W5I
 May 20 - May 29 W4FEZ
 May 20 K2CAM
 May 20 - May 21 W2GSB
 May 20 W9DUP
 May 20 WI9BD/AFD
 May 20 N3M
 May 20 W5KID
 May 20 - May 21 KC0VYS & WB0SFT
 May 22 - May 29 W9IMS
 May 24 - Jun 1 * 
 May 24 W1W
 May 25 - May 31 TM500LH
 May 25 - May 31 KC5NX
 May 27 W8MOP
 May 27 - May 29 K2P

City of Baton Rouge 200th Anniversary
 Russell Elementary's 19th Annual 27-hour Space Shuttle Mission Simulation
 Mars New Year
 International Firefighters Day
 Planet of Mars New Year
 Nazi Germany Surrenders in World War II
 Route 66 Red Carpet Corridor
 Grand Prix of Indianapolis Special Event
 1869 Transcontinental Railroad Golden Spike Commemoratio
 67th Anniversary of Livonia, Michigan
 Battle of Coral Sea Special Event
 National Train Day at Fort Smith Trolley Car Museum
 Our Lady of Fatima 100th Anniversary
 US Navy Cargo Handlers - Armed Forces Day
 Hubble Space Telescope
 95th Anniversary, Lombard St. San Francisco.
 Perrin Air Force Base Museum Special Event
 75th Annual YAARAB Shrine Circus
 90th Anniversary- Lindbergh Flies Across the Atlantic
 American Airpower Museum
 Armed Forces Day
 Black Diamond Radio Group 1st Annual "Radio and Rockets"
 Amateur Radio at the National Cryptologic Museum on Armed Forces Day
 USS Kidd Armed Forces Day
 William Becknell Heritage Days - Founder of the Santa Fe Trail
 Indianapolis 500 Special Event
 Ham Nation 300
 W0H,K0H, W1H, W2H, W4H, W5H, K5H, W6H, W7H & W9H
 National Emergency Medical Services Week 2017
 City of Le Havre 500th Anniversary
 Memorial Day Remembrance Event
 The 4th Annual Mercer County WV Fly-in / Car Show
 150th Kings County Memorial Day Parade



USEFUL INTERNET LINKS

(control + click to use link)

- ARRL MAIN SITE: <http://www.arrl.org/home>
- ARRL ATLANTIC DIV.: <http://www.atldiv.org>
- CONTESTS: <http://www.arrl.org/contest-calendar>
<http://www.hornucopia.com/contestcal/perpetualcal.php>
- HAMFESTS: <http://www.arrl.org/hamfests-and-conventions-calendar>
- STARS REFLECTOR: <http://groups.yahoo.com/group/STARS-WB2ELW/>
- STARS WEBSITE: <http://www.wb2elw.net>
- TELSTAR EDITOR: wb2elw@verizon.net