



# SCARA NEWSLETTER

## JUNE 2015



Celebrating over 50 Years Affiliation with the ARRL

SCARA P.O. Box 121 Linwood, NJ 08221

Repeaters 146.745 MHz PL 142.6 and 448.775MHz

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### Meeting Notice

Our next regular club meeting will be held on Thursday, June 11th, 7:30 PM at the Canale Training Center.

Plenty of room, conversation and refreshments for everyone!



### 2015 Contests

All ARRL contests for 2015 can be found on the ARRL Contest page of their website at : <http://www.arrl.org/contest-calendar>.

A generic ARRL contest calendar is provided that gives the weekends for all our events, to assist with long-term planning of your contest operations. The Contest Corral files include non-ARRL events.

### Monthly VE Test Sessions

On the first Thursday of each month SCARA holds a VE test session on the condition that someone has registered. For information call Larry Schall KB2MN at 609-287-5340. The test location is the Canale Training Center, 5033 English Creek Ave. Egg Harbor Twp., NJ 08234. The doors open at 6:30 PM and testing begins at 7:00 PM. Pre-registration is required. Be sure to bring your photo I.D. and current license if you are upgrading to a higher license class. The current testing fee is \$15.

### President's Note

Congratulations to the new hams who got licensed at our last VE sessions and the new members who have recently joined SCARA. Anyone care to participate in a SCARA Fox Hunt? As always, I can use help at all of the Special Events so come on out and join the fun.

### Special Events

SCARA will take part in the ARRL Annual Field Day Event on June 27th & 28th. The work party to checkout the Field Day antennas and equipment will be at 9:00 AM on Saturday the 20th. The Boy Scout Merit Badge Class will be in Classroom 4 at 1:00 PM on June 27th. More than a dozen Scouts have already registered 20 or more are expected to attend. All of these events will take place at the Canale Training Center in EHT.

SCARA presents a Fox Hunt-Morse Code-Radio Event on the first Saturday of each month at the Jersey Shore Children's Museum located on the upper level of the Hamilton Mall near Sears. (Saturday, July 4th may be cancelled or postponed to the following week. More on that at the meeting.)

Children visiting the museum can participate in:

- talking to operators around the world

### SCARA 2015 Monthly Calendar

**AUXCOMM RACES Net:** Every Monday at 7 PM on 146.745 MHz, K2BR

**SKYWARN NET:** Immediately following the AUXCOMM RACES Net

**SCARA VHF KISS Net:** Every Thursday at 7:00 PM on K2BR Repeater. Net Control will be Bill Paulus Jr. KD2EOY except on the third Thursday of each month Net Control will be Larry Schall KB2MN

**SCARA HF Net:** Third Sunday of every month at 10:00 AM 3.928 MHz +/- QRM

**Board Meeting:** Last Thursday of every month at 7:30 PM at the Canale Training Center and now on ooVoo

**VE Test Session:** 1st Thursday of each month. Doors open at 6:30 PM, testing begins at 7:00 PM at the Canale Training Center. Pre-registration is required!

- play FOXHUNT
- learn about Morse Code and more!

With enough participation there is the possibility of expanding this to a weekly event.

If you have any questions, about this or any other event, please contact Bill McCord KC2ONQ at 609-435-0598.

### Talking & Driving

**Have you been wondering if you are in violation of New Jersey's law concerning the use of hands-free devices while using your mobile rig? Here is Section 1, paragraph a. of the New Jersey cell phone law and the last sentence says that you're not!**

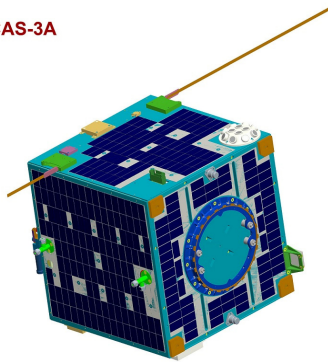
New Jersey Cell Phone Law

39:4-97.3 Use of wireless telephone, electronic communication device in moving vehicle; definitions; enforcement.1. a. The use of a wireless telephone or electronic communication device by an operator of a moving motor vehicle on a public road or highway shall be unlawful except when the telephone is a hands-free wireless telephone or the electronic communication device is used hands-free, provided that its placement does not interfere with the operation of federally required safety equipment and the operator exercises a high degree of caution in the operation of the motor vehicle. **For the purposes of this section, an "electronic communication device" shall not include an amateur radio.**

To read the rest of this law go to: <http://www.njlawman.com/new-jersey-traffic-laws/nj-cell-phone-law-39-4-97-3.htm>

## China Set to Launch Several Amateur Radio Satellites this Summer

CAS-3A



CAMSAT has announced that the CAS-3 amateur satellite system is nearing completion, and six Chinese amateur satellites will be launched in mid-July.

“All six satellites are equipped with substantially the same Amateur Radio payloads, a U/V mode linear transponder, a CW telemetry beacon and an AX.25 19.2k/9.6k baud GMSK telemetry downlink,” the CAMSAT announcement said. CAMSAT said that each Amateur Radio complement has the same technical characteristics, but will operate on different 70 centimeter uplink and 2 meter downlink frequencies.

CAMSAT said it has worked closely with DFH Satellite Co Ltd, a Chinese government aerospace contractor, to complete the project. “All the satellites are currently conducting final testing and inspection,” CAMSAT added. Four of the satellites are described as “microsatellites,” while three are listed as CubeSats.

CAMSAT said a Long March-6 rocket will carry the satellites into orbit. The launch will take place at Taiyuan Satellite Launch Center. CAS-3A will have sun-

synchronous orbits of about 450 km, while the other satellites have sun-synchronous orbits of about 530 km.

Posted *QRZnow.com* May 26, 2015

Read Full Article:

<http://www.arrl.org/news/china-set-to-launch-several-amateur-radio-satellites-this-summer>

## FCC Eliminates Amateur Radio Vanity Call Sign Regulatory Fee

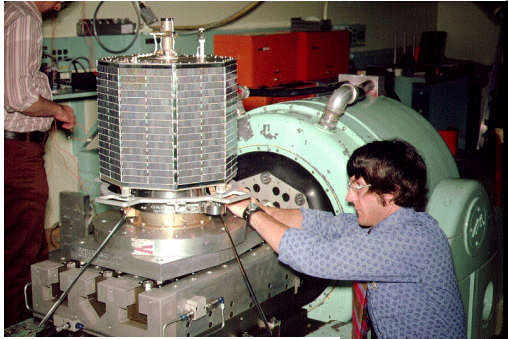
The FCC is eliminating the regulatory fee to apply for an Amateur Radio vanity call sign. The change will not go into effect, however, until required congressional notice has been given. This will take at least 90 days. As the Commission explained in a *Notice of Proposed Rulemaking, Report and Order, and Order (MD Docket 14-92* and others), released May 21, it’s a matter of simple economics. “The Commission spends more resources on processing the regulatory fees and issuing refunds than the amount of the regulatory fee payment,” the FCC said. “As our costs now exceed the regulatory fee, we are eliminating this regulatory fee category.” The current vanity call sign regulatory fee is \$21.40, the highest in several years.

Posted *ARRL.org* 05/22/2015

Read Full Article:

<http://www.arrl.org/news/fcc-eliminates-amateur-radio-variety-call-sign-regulatory-fee>

## 29 MHz – The forgotten frequency for amateur radio satellites



by Hans van de Groenendaaal

In the early days of satellites, not many years after the launch of Sputnik One in 1965, amateur satellites were designed and launched with downlinks on 29 MHz. Satellites were much larger than the present day CubeSats which only measure 10 x 10 x 10 cm and present interesting challenges for antenna design and placement.

Universities and other scientific research institutions are using portions of the amateur spectrum for their CubeSat's which has caused the 145 and 435 MHz amateur-satellite band segments to be very crowded, leading to an increasing number of satellite builders to explore alternatives.

For many, such as those requiring single-channel bandwidth greater than approximately 12,5 kHz, the best answer will be found in the microwave bands.

However, for those who can use it, the International Amateur Radio Union (IARU) satellite frequency coordination process has now opened another alternative: 29 MHz uplinks.

The use of amateur spectrum by universities and scientific research institution for their experiments is not the ideal solution and has only been agreed to by the IARU for a limited period till alternative spectrum is identified and allocated by the IARU for this purpose.

Posted *QRZnow.com* May 25, 2015

Read Full Article:

<http://www.ee.co.za/article/29-mhz-forgotten-frequency-amateur-radio-satellites.html>

## Membership Recruitment Incentive

New for 2015 is the SCARA Membership Recruitment Incentive Program. For every new member joining SCARA for the first time, who presents a SCARA business card with your name and call-sign on the back, you will receive a one dollar credit towards your next year's membership.

## Swap Shop

Reminder: SCARA has an online amateur radio swap shop on our website, [www.k2br.com](http://www.k2br.com). Go to our website to see current listings. For listing items on the website swap shop, email your "Wanted" & "For Sale" items to Larry Schall, KB2MN, at [kb2mn@verizon.net](mailto:kb2mn@verizon.net)

## Assistant Treasurer Position Available

This position entails aiding the treasurer with the sale and distribution of club merchandise including, but not limited to, mugs, lapel pins, decals and bags. If interested, contact Bill McCord at 609-435-0598.

## HELP!

**"I've bitten off more than I can chew and could choke at any time" says News Letter Editor Dave Holmes  
KD2AYQ**

I seriously need someone to take over this News Letter. My responsibilities as Secretary of the Shore Points Amateur Radio Club is already more clerical work than I care to deal with. Anyone who is interested in taking over the position of News Letter Editor is strongly encouraged to contact Bill McCord KC2ONQ at 609-435-0598.

## Silent Keys

Don Miller, W9NTP  
Amateur Radio Television  
Pioneer, March 22, 2015

Read Full Article:

<http://qrznow.com/amateur-radio-television-pioneer-don-miller-w9ntp-sk/>

Nick Lance, KC5KBO  
Prepared Astronauts to Become  
Radio Amateurs, May 24, 2015

Read Full Article:

<http://qrznow.com/nick-lance-kc5kbo-sk-prepared-astronauts-to-become-radio-amateurs/>

**Club Information 2015**

**Officers**

<b>President:</b>	Bill McCord	KC2ONQ	(609) 435-0598
<b>Vice Pres:</b>	Bill Paulus, Jr.	KD2EOY	(609) 694-7976
<b>Treasurer:</b>	Bob Webb	WA2YSA	(609) 646-6843
<b>Secretary:</b>	Mandy McCord	KC2QOG	(609) 435-0598

**Board of Directors**

Stan Friedman	WA3JMV	Bob Nicotera	KB2ERL
William Paulus	W2MWI	Donnamarie Adams	KD2ERC
Tim Adams	KD2EGR		

**Committee Chairs**

<b>VE Coordinator</b>	Larry Schall KB2MN	<b>ARRL QSL Card Mgr</b>	Arnie Oberson W2OB
<b>Sunshine</b>	Bob Webb WA2YSA	<b>Dinner Chair:</b>	Harry Cohen KD2AYT
<b>Refreshments</b>	KC2ONQ	<b>Field Day</b>	Bill Schwoer KC2AAY
<b>ARLHS Coordinator</b>	Ed Clark W2KP	<b>Repeater</b>	Ed Clark W2KP
<b>Newsletter Editor</b>	Dave Holmes KD2AYQ		Bill Schwoer KC2AAY
<b>Trustee:</b>	Bill Schwoer KC2AAY	<b>Web site Ed.</b>	Larry Schall KB2MN
<b>E-mail</b>	SCARA@k2br.com		