

# ***THE EAGLE***

**BULLETIN OF THE  
OTSCHODELA  
COUNCIL  
AMATEUR  
RADIO GROUP**



**VOLUME SEVEN NUMBER 7**

**MARCH 2007**

Scouting hams and hamming Scouters --

Otschodela Council Amateur Radio Group (OCARG) is dedicated to the enhancement of the Scouting program through amateur radio and to the advancement of amateur radio in Scouting. Membership is open to any and all Scouters, amateur radio operators, Scouting and ham clubs and organizations, and all individuals, each with an interest in the Boy Scouts of America, World Of Scouting Movement, Girl Scouts of the USA, World Association of Girl Guides and Girl Scouts, and other youth organizations as they relate to amateur radio. While originally intended for Otschodela Council, Oneonta, New York, OCARG has expanded into a worldwide organization with members in more than thirty states and provinces, and eight nations. There are no subscription dues, no officers, no constitution, no other charges, no commercial advertisements, and no organized meetings. All communications are via email or ham radio. All that's required to subscribe to the EAGLE is an interest in ham-Scouting and an email to [subscribe@ocarg.org](mailto:subscribe@ocarg.org) requesting a subscription. OCARG is an FCC-licensed Amateur Radio Club Station with the callsign KZ2BSA. The EAGLE in PDF format is best read with the latest version of Adobe Reader v.7 (activates hyperlinks) available at <http://www.adobe.com/products/acrobat/readstep2.html> .

Copies of the OCARG EAGLE are sent to many interested persons in addition to OCARG members. If you feel that you have received this newsletter in error or no longer wish to receive it, kindly sent a message so stating to the above address.

The online edition of the OCARG EAGLE may be found at: <http://ocarg.org> .

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## **SCOUT CAMP CALLING PROTOCOL ROLLS OUT FOR 2007**

The Scout Camp Calling Protocol (SCCP) has been revised for Scout Camp Season 2007. The SCCP is intended to enable Scout Camps and other camps for youth to contact each other via ham radio for purposes of demonstration of emergency communications capabilities, Radio Merit Badge requirements, contacts between Scouts and youth of different camps, and just for fun and ragchew QSOs. First tested last summer between only 15 to 20 camps with only moderate success due to the difficulty of so few people trying to match too broad a schedule, the SCCP has been clarified, modified, and updated with new frequencies and times. Efforts are underway to have awareness raised about the SCCP for all Councils throughout the United States, but it is hoped Canada and other nations will attempt to make contacts despite the time zone differences. First suggested by Nathaniel Frissell W2NAF in late April 2006 and promulgated by Frank Krizan KR1ZAN and Dan Fisher, AI4GK as a prototype version, this year many more ham-Scouters participated in the planning process. Principal among these is Gary Wilson K2GW (previously WB2BOO) who created this year's file. It is available in the files section of the ScoutRadio Group (under SCCP) <http://groups.yahoo.com/group/ScoutRadio/files/> in Rich Text Format (.rtf), and on OCARG's website <http://ocarg.org> in PDF and DOC formats: <http://homepage.mac.com/k2frd/SCCP.pdf> and <http://homepage.mac.com/k2frd/SCCP.doc> . The full SCCP is presented below, somewhat compressed and reformatted for space considerations. It is

recommended that ham-Scouters print this out and promote it within each Council for each of its Scout Camps (included Cub Day Camps and Webelos Camps for BSA).

## The 2007 Scout Camp Calling Protocol (SCCP)

### Revised Proposal – 23 Feb 2007

1. Scout camps, and any interested ham-Scouters not at camp, are encouraged to get on the air at 1 PM, 7 PM, and 9 PM local time.

2. Calling times are from 5 minutes before to 5 minutes after the hour. The recognized call will be “**CQ SCOUT CAMPS.**”

3. Use the traditional Scout calling frequencies, listed below, +/- 10 KHz, avoiding any nets. Where two frequencies are shown, the first frequency is preferred in the U.S. \*

BAND	PHONE	CW	PSK31
80 Meters	3.690 / 3.940 LSB	3.570 MHz	3580.150 USB
40 Meters	7.190 / 7.270 LSB**	7.030 MHz	7080.150 USB
20 Meters	14.290 USB***	14.060 MHz	14070.150 USB

4. The following table indicates which frequency a camp should call on at what time:

Local Time	Phone	CW	PSK31
12:55 PM to 1:00PM	14.290 USB	14.060 CW	14070.150 USB
1:00 PM to 1:05 PM	7.190 LSB	7.030 CW	7080.150 USB
1:30 PDT, 2:30 MDT, 3:30 CDT, 4:30 EDT	14.290 USB	—	—
6:55 PM to 7:00 PM	14.290 USB	14.060 CW	14070.150 USB
7:00 PM to 7:05 PM	7.190 LSB	7.030 CW	7080.150 USB
8:55 PM to 9:00 PM	7.190 LSB	7.030 CW	7080.150 USB
9:00 PM to 9:05 PM	3.690 LSB	3.570 CW	3580.150 USB

5. If a contact is made on the first five minute frequency, just continue it there if both parties wish.

6. Scout camps, Scouts and Scouters are encouraged to monitor these frequencies for ten minutes each hour from 1655Z to 2005Z and from 2255Z to 0405Z to support Scout camps with traffic handling and talking with Scouts. The **bold face times** in the following table indicate when camps in your time zone might be most active. Note that many camps have reduced activities on weekends with troops moving in and out, so weekdays will often be more productive.

UTC	EDT	CDT	MDT	PDT
1655 Z	<b>12:55 PM</b>	11:55 AM	10:55 AM	9:55 AM
1755 Z	1:55 PM	<b>12:55 PM</b>	11:55 AM	10:55 AM
1855 Z	2:55 PM	1:55 PM	<b>12:55 PM</b>	11:55 AM
1955 Z	3:55 PM	2:55 PM	1:55 PM	<b>12:55 PM</b>
2030Z	<b>4:30 PM</b>	<b>3:30 PM</b>	<b>2:30 PM</b>	<b>1:30 PM</b>
2255 Z	<b>6:55 PM</b>	5:55 PM	4:55 PM	3:55 PM
2355 Z	7:55 PM	<b>6:55 PM</b>	5:55 PM	4:55 PM
0055 Z	<b>8:55 PM</b>	7:55 PM	<b>6:55 PM</b>	5:55 PM
0155 Z	9:55 PM	<b>8:55 PM</b>	7:55 PM	<b>6:55 PM</b>
0255 Z	10:55 PM	9:55 PM	<b>8:55 PM</b>	7:55 PM
0355Z	11:55 PM	10:55 PM	9:55 PM	<b>8:55 PM</b>

7. Scouts, Scouters, Scout camps and interested parties should join the Daily Gathering of Scouts (DGOS) at 2030Z (4:30 EDT, 3:30 CDT, 2:30 MDT, 1:30 PDT) on or about 14290 kHz to make contact and move to a clear frequency or make a sked. This will be an informal Net. The first station to ID on frequency should assume the role of Net Control. This will be helpful to facilitate communications, announcements, etc. This is also helpful for training of Net Control Stations.

8. Bob Bruninga, WB4APR, developer of Automatic Position Reporting System (APRS) and an avid ham-Scouter, suggests the following for Scout camps and ham-Scouters equipped with APRS.

8.1. If your camp has APRS, send a message to SCOUTS at the beginning and end of your operating periods. An APRS message to SCOUTS will be retransmitted everywhere that SCOUTS has been added to the automatic “pass-to-RF” at the local IGate.

8.2. Contact the local IGate that serves your camp area and ask the SYSOP to include “SCOUTS” in its automatic “pass-to-RF” list. This way, you can receive, in real time, any other SCOUTS messages in the world alerting you of other stations on the air.

8.3. Make sure that your station is using the APRS symbol for Scouts. That way, any other station in the world

can check the APRS FINDU Web page and see which other SCOUT stations are currently on the air. <http://www.findu.com/cgi-bin/symbol.cgi?icon=/,&limit=2000>

\*Frequencies are the revised WOSM Scout frequencies that go into effect on July 1, 2007. The SCCP will use them starting in June to avoid the confusion of a mid-summer frequency change. Additional information can be found at [http://www.scout.org/en/information\\_events/events/jota/all\\_about\\_jota/world\\_scout\\_frequencies](http://www.scout.org/en/information_events/events/jota/all_about_jota/world_scout_frequencies) and <http://www.arrl.org/FandES/ead/jota.html#frequencies> . [EDITOR NOTE: As of this writing, the ARRL webpage has not yet been modified to reflect the WOSM changes.]

\*\*7.270 might be unusable in the evening and night hours due to Asian broadcast stations. Tune up or down to find an opening.

\*\*\*Avoid 14.300, since the Maritime Mobile Service Net and the Intercontinental Traffic Net use this frequency

[EDITOR'S NOTE #2 - The SCCP is a "living document". It is not cast in concrete and if a need for change is warranted, it will be modified and the changes distributed throughout both ham and Scouting worlds.]

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## TIDEWATER CNCL, VA U. OF SCOUTING HAM DISPLAY

[ED. NOTE] Rudy Stuteville KA4PLH is the Assistant Section Manager For Scouting and Youth in the Virginia ARRL Section. To my knowledge, he is the first ASM S&Y in the US, but as we are learning, he is not the only one. Please see next article on ASMs. Rudy submitted this article.]

On Saturday February 24th I set up a display for the Tidewater Council BSA's University of Scouting. It was a lot of fun and had a lots of interest and even more when they learned that the code was now gone. I set up a QRP station with a Yaesu 817ND and a PAC-12 antenna. Also a 2 meter Icom V8000 and a Ringo Ranger on the local repeater. I made two contacts on HF, one with a station in Wisconsin and one in Mississippi. The operating conditions were really tough, running 2 and half watts with the antenna stuck in the ground and completely encircled in a brick court yard. One of the lessons learned have a list of license classes to pass out.



[RIGHT] Rudy Stuteville KA4PLH spreads the word of amateur radio in Scouting.

On the national scene there is a proposal to make changes in the 2007 Scout Camp Calling Protocol (SCCP). Last year which was the first year and it was slow to get going. Hopefully this year will be much better. I will post the frequencies as they become available. We can make this a great year to get scouts and youth involved in our hobby. If you hear a youth on the air talk to him or her, if you have never had the pleasure seeing a young person talking on the air you are missing one of the great pleasures of amateur radio. The grin on their face make it all worth while!

[ED. NOTE: See SCCP article above, created after Rudy wrote this article.]

Rue "Rudy" Stuteville KA4PLH [rueonamo1 at cox.net](mailto:rueonamo1@cox.net)  
Asst. Section Manager, Scouting and Youth  
Virginia Section

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## ASST SECTION MANAGER FOR SCOUTING & YOUTH

On 19 January 2007, the ARRL Ad hHc Committee on Scouting released its report presenting its recommendations for the continued successful relationship between Scouting, the American Radio Relay League, and ham radio in general: <http://www.arrl.org/announce/reports-2007/january/28-CommitteeOnScoutingReport.pdf> . Among its recommendations was establishment of the position of Assistant Section Manager For Scouting and Youth (ASM S&Y). While the majority of the Committee was comprised of members of the Boy Scouts of America, the intent was to include ALL youth organizations for boys and girls worldwide.

At the time of the report's release, we were not aware of any ASMs S&Y, but Rudy Stuteville KA4PLH stepped forward in February and announced that he had just been appointed to the position by the Virginia Section Manager Glen Sage W4GHS indicating that at least one Section was already implementing the recommendations although the ARRL Board has not fully sanctioned ASMs S&Y as official positions. Because the effects of such appointments will have an immediate and positive impact on ham-Scouting, we decided to determine the extent of such actions. At OCARG's request, Rudy Stuteville KA4PLH is currently polling all 71 League Section Manager to determine how many and which Sections are planning to implement or have already implemented the new policy. Some responses have already returned. Tom Fagan WB7NXH, SM for Arizona and a very active Scouter has been serving, in effect as AZ Section's ASM S&Y, is currently looking for someone to fill the position. Other ASMs S&Y have been identified, some apparently appointed in an unofficial capacity for some time. These include Rebekah Dorff WG4Y, a 14-year old YL of the Alabama Section who has held the title ASM for Youth for about three years. Rudy will be compiling a database of ASMs S&Y for increased coordination among ham-Scouters.

It has been maintained that more new amateur radio operators come from the ranks of the Boy Scouts of America than all other youth organizations combined. This claim has never been disputed. The BSA and other youth organizations are the future of ham radio, Scouting, and ham-Scouting.

If there are any EAGLE subscribers who have been serving as de facto ASMs S&Y, we would like to identify you. If you are not certain if your ARRL Section has an ASM S&Y or if you might be interested in the position if nobody has volunteered for the position, contact your Section Manager. A list of all SMs and their email addresses are in the front pages of each QST.

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## **TR 99 SIDNEY, NY TECH CLASS COMPLETES MIDTERMS**



**[LEFT] Jeremy Maxwell and Seth Green tough it out taking Mid-term exam at Troop 99 "C-Corps-07" Tech Radio School, Sidney NY.**

There were five 80% and one 70% grades earned at the sixth class of 11 for Tech-class Amateur Radio License preparation. Candidates are: Ron Maxwell, Dan Green, Ethan Green, Seth Green, Jeremy Maxwell and Carl Ayres.

The team is looking forward to taking the Volunteer Examiner-administered FCC test in mid-to-late March. As a break in each hour-long training meeting, these Scouts have been working on telegraph code. They are doing well on letters A through O. A recent change in FCC rules has made on-air code transmissions available to those passing the "Tech Class"

exam, even though they do not have to pass a code receiving test. With a few radios we have to loan, they may, someday be on the air with code as well as their VHF/UHF, data and limited SSB Tech license privileges.

The Troop is sponsored by the First Congregational church of Sidney, NY of Foothills District, Otschodela Council, Oneonta, NY. The Tech Class is instructed by Jim LeBaron WA2IAX.

de Jim LeBaron WA2IAX

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## **WORLD SCOUT FREQUENCIES CHANGE**

Richard Middlekoop PA3BAR, World JOTA Coordinator has announced that the World of Scouting Movement (WOSM) has changed the standard calling frequencies for JOTA, Scouting Special Events, and other Scouting on-air activities. The change is to be effective 1 July 2007. The reason for these changes are due to International Amateur Radio Union (IARU) band plan changes and recognition of competition with other modes.

While the 1 July date is suggested for the changeover, many ham-Scouting organizations will begin using the new

frequencies on earlier dates due to local requirements. Some Scout Camps, for example start sessions in May and June in some locales and will want consistency throughout their summer season. The SCCP (see lead article) will also be using the new frequencies for this reason. Further detail:

[http://www.scout.org/en/information\\_events/events/jota/all\\_about\\_jota/world\\_scout\\_frequencies](http://www.scout.org/en/information_events/events/jota/all_about_jota/world_scout_frequencies)

Band	SSB (phone)	CW (morse)
80 m	3.740 & 3.940 MHz	3.590 MHz
40 m	7.090 MHz	7.030 MHz
20 m	14.290 MHz	14.070 MHz
17 m	18.140 MHz	18.080 MHz
15 m	21.360 MHz	21.140 MHz
12 m	24.960 MHz	24.910 MHz
10 m	28.390 MHz	28.190 MHz

Band	SSB (phone)	CW (morse)
80 m	<b>3.690 &amp; 3.940 MHz</b>	<b>3.570 MHz</b>
40 m	7.090 MHz & <b>7.190 MHz</b>	no change
20 m	no change	<b>14.060 MHz</b>
10 m	no change	<b>28.180 MHz</b>
6 m	<b>50.160 MHz (new)</b>	<b>50.160 MHz (new)</b>

**[ABOVE RIGHT] "New" Scout Frequency Calling Plan. Changes are noted only in those bands where changes are effective.**

**[ABOVE LEFT] "Old" Scout Frequency Calling Plan.**

## LINCOLN TRAIL HIKE, S/E STATION N9L SET FOR 28 APRIL

Special Event Station - November Nine Lincoln (N9L)

The past several years members of our local club have provided communication support for the Abraham Lincoln Trail Hike which runs from Lincoln's New Salem to Springfield, Illinois. For 2007 we've added a special event to allow Ham-Scouters and Hams in general to join in the festivities.

The Sangamon Valley Radio Club (<http://www.svrc.org>) will be operating special event station N9L "November Nine Lincoln" on April 28, 2007. Any Scouts or Adult Leaders that are also Ham Radio operators may contact the special event station on a frequency of 146.46 MHz simplex. We will be sending out a commemorative QSL to anyone who contacts us that day from the trail or campgrounds.

For those Ham Radio operators not participating in the hike but with ties to Scouting and Ham radio we will also be communicating with all amateur radio stations on or near the frequencies 14.270 MHz and 7.270 MHz throughout the day.

Questions may be directed to: [n9puz AT arrl.net](mailto:n9puz@arrl.net).

Hope to hear you on the air!

de Tim McDonough N9PUZ  
Springfield, IL

[EDITOR'S NOTE: The EAGLE has eagerly promoted and will continue to promote this ham-Scouting event in the best interests of ham-Scouters everywhere. If your unit, District, Council, or whatever plans a ham-Scouting activity, the EAGLE is very happy to promote it here.]

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## BELLS, WHISTLES & BADGES (formerly SHORTS)

This section is intended to provide temporary and permanent helpers for individuals, units, higher youth organization levels, and ham-Scouters who are looking for specific information on amateur radio in Scouting or other news of general interest which is brief in nature. We gladly welcome any additions and/or updates.

## K2GW'S RADIO MERIT BADGE SITE FEATURED BY ARRL

Gary Wilson K2GW developed a Radio Merit Badge website after he noticed the old AA6J site has been unavailable for some time. Recently, his site was featured in the ARRL News site:

<http://www.arrl.org/news/features/2007/01/26/1/?nc=1> .

His new Radio MB site is: <http://k2gw.tripod.com/radiomeritbadge/> . A visit by any ham-Scouter who teaches or plans to teach Radio MB is recommended.

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## ALLEN PITTS W1AGP, ARRL MEDIA & PUBLIC RELATIONS

Allen suggests a visit to the Emergency Radio homepage <http://www.emergency-radio.org/> to obtain a sense of the significance of amateur radio during emergencies and disasters. As Scouters, we are always concerned with living up to our Motto, "Be prepared" and as ham radio operators, we likewise attempt to be prepared for the unexpected.

he also recommends a visit to the ARRL's Public Information Office page this month where the "30-day Blitz" from 24 January to 23 February is on-going in an effort to spread the news of the removal of the code requirement for all ham radio licenses: <http://www.arrl.org/pio/> .

A monthly visit to the ARRL Public Information Office website <http://www.arrl.org/pio> is recommended for helpful information for anyone involved in media relations such as a Public Information Officer or Public Information

Coordinator or for current events within ARRL and amateur radio. Of particular interest are back issues of **Contact!**, the newsletter of ARRL PIOs <http://www.arrl.org/pio/contact/#current> . This information is of especial use for ham-Scoutmasters and many of the rest of us ham-Scouters who might be a little weak when writing news releases or making contact with the media to cover ham-Scouting events.



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## WATCHING FOR A NEW LICENSE? HERE'S THE BEST WAY

The following URL takes one directly to the FCC's license lists. If one knows a new or upgraded license is due to be issued, one may check in frequently at this site and beat the standard license databases by anywhere from eight to 24 hours: <http://gullfoss2.fcc.gov/cgi-bin/ws.exe/genmen/licensee.htm>

Enter: last name; Scroll down to `HA` (Amateur Radio); NO `Wildcard`

Then (next page): click on ULS Database. Look for name(s), new callsign.

Canadian new licenses are searched in a different manner since specific callsigns may be requested upon examination. Use the Royal Amateurs of Canada homepage <http://www.rac.ca/> and <http://www.rac.ca/acl/> (search by Province).

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## UPCOMING VE SESSIONS

Knowledge of dates and locations of VE sessions is important to those ham-Scouts and Scouters who wish to earn their amateur radio license or upgrade their present license. For persons in the United States, this information is available at <http://www2.arrl.org/arrlvec/examsearch.phtml> or at the W5YI site (often not listed in ARRL Exam Search): [http://www.w5yi.org/exam\\_locations\\_ama.php](http://www.w5yi.org/exam_locations_ama.php) .

Canadians wishing to obtain their ham license need to find an Accredited Examiner. These may be found at: <http://www.rac.ca/regulatory/examiner.htm> . Further licensing and non-Canadian operating information is at: <http://www.rac.ca/regulatory/arast.htm>

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## SCOUTMASTER'S MINUTE

"What wisdom can you find that is greater than kindness?"

*- Jean Jacques Rousseau (1712-1778), Emile, or Education*

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The OCARG EAGLE is published monthly on or about the 15th except publication is suspended for the summer months. If you feel you have received this newsletter in error, please send an email to [K2FRD@ocarg.org](mailto:K2FRD@ocarg.org) . Subscriptions are free; there is no spam, no ads, no solicitations. Each edition is addressed via Blind CC to reduce the size of recipients' headers and to prevent spammers from receiving a ready-made spam list. Subscribe to: [subscribe@ocarg.org](mailto:subscribe@ocarg.org) . OCARG's mailing list is NEVER sold nor otherwise made available to spammers nor anyone else. Since the EAGLE is a subscriber contribution newsletter, a message is sent out about the first of each month requesting news.

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