



Push to Talk

Happy New Year

Volume 2, Issue 1
January 2012

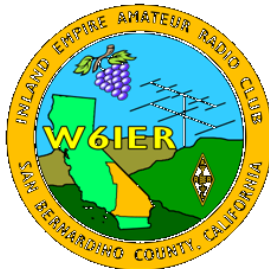
Inland Empire ARC unveils upgraded logo

The upgraded club logo was introduced at the club's Christmas Party December 3rd.

The logo received a favorable reception when it was unveiled by its creator, Don Bower AG6HQ, our new 2012 President.

The new logo features the Orange section colors and the image of California shows the location of the Orange section.

If you'd like to comment on the new logo, contact [Don](#). At donbower1956@gmail.com



In addition to the new logo, the Club's 2011 purchase of a new satellite radio system including a Yaesu FT-736R, a Yaesu G-5500 Az/EI motor, two beam antennas, two tripods and a computer interface.

Our first outing with this new equipment is the first weekend in February when we'll be at Red Hill Park in Rancho Cucamonga. There will also be a packet station and a voice station.

The February event will start at 0800 and we'll start tearing down at 1600.

See you there.

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Extra class Question Pool Update

Effective July 1st, 2012, a new Element 4 question pool takes effect. The test has been redesigned to include 12 graphics and the content of the pool has been updated. The 2012 ARRL test fee is \$15.00. W5YI has not yet reported it's fee schedule. Technician Class (Element 2) Pool effective in 2010 is valid until June, 2014.

General class (Element 3) Pool effective July 1, 2011 is valid until June 30, 2015.

The new Extra Class (Element 4) Pool released December 2011 will become effective July 1, 2012.

For more information see the January 2012 OST page 93.

Pangram

Pangram is a noun. Pangram

A sentence or verse that includes all the letters of the alphabet.

Example: "The quick brown fox jumps over the lazy dog."

New years eve traditions

Many people have their own personal traditions of what to do each December 31st at midnight. However, Americans have a few shared customs, some of which date back hundreds of years.

Auld Lang Syne. "Some call it the most famous song no one knows the words to," but most people can belt out a line or two. The tradition of singing this song started with Guy Lombardo when he and his band performed it on News Year's Eve in 1929 in New York City.

Ball drop. The ball drop in New York City, which started in 1937 draws throngs of viewers to Times Square. Millions more around the world watch the event live on TV. In recent years, the ball has become more eco-friendly — it's now illuminated by energy-efficient LED lights.

Resolutions. Making New Year resolutions is a practice reaching back to ancient Babylon. For centuries, people have seen the new year as a good time for a new beginning or goal.

Fireworks. Also rooted in ancient practices, public fireworks displays are often enthusiastically set off at midnight. The Chinese invented fireworks specifically to be used for the new year, and the theory goes back to ancient times when noise and fire were thought to banish spirits and elicit good luck.

Foods. Some people consider collard greens and black-eyed peas lucky New year's Eve choices, because they resemble paper money and coins. Noodles and grains symbolize long life and abundance. Ring-shaped cakes are reminders of life coming full circle.

Conventions & Special Events

QUARTZFEST CONVENTION January 21-28, Quartzite, AZ
The Quartzfest Convention (Annual Amateur Radio "get-together" and RV"ers Boondocking Event) sponsored by the Quartzfest Organizers, will be held at the Road Runner BLM Campground, US 95 at La Paz Rd. Talk-in on 146.55. Admission is free. Contact Steve Weed KO4QT, 27452 Pass Rd, Hot Springs, SD 57747 619-733-2320; quartzfest012@yahoo.com or organizer@quartzfest.org. www.quartzfest.org

PALM SPRINGS — January 28
9:30am—5pm Sponsored by the Desert Radio Amateur Transmitting Society of Palm Springs. The Boskovich Estate, 4193 Matthew Drive. 3rd annual Event. Talk in 146.94 (107.2Hz). Admission \$1, Tables Free. Peter Reinsuck, VE7REZ, 11445 Western Ave, Desert Hot Springs, CA 92240. ve7rez@desertrats.am; www.desertrats.am

| PSK31 Common Frequencies | |
|--------------------------|-------------|
| 160 meters | 1.838 MHz |
| 80 meters | 3.580 MHz |
| 40 meters | 7.035 MHz |
| 30 meters | 10.140 MHz |
| 20 meters | 14.070 MHz |
| 17 meters | 18.100 MHz |
| 15 meters | 21.080 MHz |
| 10 meters | 28.120 MHz |
| 6 meters | 50.290 MHz |
| 2 meters | 144.144 MHz |
| 1.25 meters | 222.07 MHz |
| 70 centi-meters | 432.2 MHz |
| 33 centi-meters | 909 MHz |

January 7th, 1600Z-2000Z W0CS, Clinton, IA; Clinton Amateur Radio Club. Eagle Watch on the Mississippi Lock and Dam #13. 14.265, 14.055, 7.265. QSL. W0CS, PO Box 1501, Clinton, IA 52733-1501 Eagle Watch sponsored by the US Corps of Engineers.

January 28 0300Z-1200Z, WD6RAT, Palm Springs, CA Desert RATS Club, Palm Springs Hamfest 2012. 14.251, 7.251. QSL. Desert RATS Club, PO Box 1167, Palm Springs, CA 92264-1167. desertrats.am

January 1st— 31st 0000Z—2359Z K3Y All cities, states and call areas. Straight Key Century Club 6th anniversary. 14.050, 10.120, 7.055, 2.550. QSL Dan Rhodes, KA3CTO 618Seminole Dr. Erie, PA 16505. Celebrating six years of steady

growth to over 8500 members on CW. Wwww.skccgroup.com

USCGC Mackinaw museum Ship

USCGC Mackinaw (WAGB-83) was a 290-foot (88 m) vessel specifically designed for ice breaking duties on the Great Lakes. LR number: 6119534

Mackinaw's design was based on the Wind class of Coast Guard ice-breakers, but the cutter was built wider and longer than the other Wind class vessels so that her draft would be shallower. Because of this, the Mackinaw was unique in the Coast Guard fleet. Incidentally, this design made the Mackinaw too wide to fit through the pre-1959 Welland Canal, and the Mackinaw never served on salt water.

The Mackinaw was home ported in Cheboygan, Michigan during active service. Due to the Mackinaw's age and expensive upkeep, the cutter was decommissioned and replaced with a smaller multi-purpose cutter USCGC Mackinaw (WLBB-30), which was commissioned in Cheboygan the same day..

The old Mackinaw moved under its own power on June 21, 2006 from the port of its decommissioning to a permanent berth at the SS Chief Wawatam dock at the ship's namesake port, Mackinaw City, Michigan where she now serves as a museum ship known as Icebreaker Mackinaw Maritime Museum.

.IN a related story, the Cheboygan, Emmet County's public service communications organization, has

established a full-time ham radio station on board the Icebreaker Mackinaw Maritime Museum.

The CCECPSCO has two repeaters on the Mackinaw to provide communications coverage throughout the Straits of Mackinac. These repeaters, operating under the call-



USCGC Mackinaw (WAGB-83) clearing the shipping lanes.. The ship behind the Mackinaw is a "Great Lakes Freighter." They carry iron and copper ore, grain and

sign W8AGB (to match the ship's WAGB-83 designation), are on 145.110 with 103.5 PL and 444.375 with 107.2 PL. The organization is also actively assisting the museum with restoration and operation of various

communications, navigation, and power systems. Included with the radios on-board the ship are two Sunair RT-9000 HF transceivers with matching antenna couplers and vertical antennas. Scheduled for spring 2010 is the installation of a third RT-9000 paired with an LPA -9600 solid-state kilowatt amplifier and CU-9100 kilowatt auto-tuner along with a Sunair F-9800 automatic pre/post filter for each radio (to permit simultaneous operation of all three stations), and Sunair RCU-9310 remote control panels.

Ham radio operators visiting the Mackinaw may operate the W8AGB station whenever a CCECPSCO member is present. The CCECPSCO conducts Amateur Radio Field Day operations from the Mackinaw on the fourth full weekend in June.

(Stories submitted by Theodore DeGroff, Dittmer Missouri.)

| Amateur Radio Band | Section of band where RTTY transmissions can be found. |
|--------------------|---|
| 160 meters | There is little RTTY activity on this band, but what little there is can usually be found between 1.800 and 1.820 MHz, although in many countries the bottom end of the band is 1810 kHz. It is also necessary to avoid the CW DX window between 1.830 and 1.840 Mhz |
| 80 meters | RTTY operation is typically found between about 3.58 and 3.65 MHz although there are variations for some countries including Japan. |
| 40 meters | RTTY allocations for 40 meters vary greatly around the world in view of the different amateur radio band allocations. In the USA, RTTY is permitted between 7000 and 7150, although most US activity is between 7080 and 7100. DX activity is often found between 7020 and 7040. |
| 30 meters | In view of the restrictions of the band, what activity there is can be found between 10.110 and 10.150 Mhz |
| 20 meters | On the 20 meters ham radio band, RTTY activity can be found at the top end of the Morse or CW section of the band between 14.080 and 14.099 Mhz However great care must be exercised when operating at the top end of this section to ensure that no interference is caused to the beacons on 14.100 Mhz It is wise to leave a good margin to ensure that sidebands, etc do not spread onto this frequency. |
| 15 meters | On the fifteen meters amateur radio band the RTTY activity can be found between 21.080 and 21.100 Mhz |
| 10 meters | Although the ten meters amateur radio band is much wider than any of the other HF bands, the amount of the band in which RTTY transmissions can be found is limited to 28.080 to 28.100 Mhz However this is quite adequate in view of the level of traffic that is found. |

INLAND EMPIRE AMATEUR RADIO CLUB

Inland Empire Amateur Radio Club
PO Box 1133
Ontario, CA 91762

email: donbower1956@gmail.com



Club Nets

Thursday 1930 Hours

[see Net Schedule](#)

WA6DF NCO

Friday 1900 Hours

UHF: 447.220 (-) PL=77.0

followed by an HF Net on: 28.450 MHz

AG6HQ NCO

IEARC REPEATERS

Sunset Ridge

145.460 (-) PL=77.0

Heaps Peak

447.220 (-) PL=77.0

CLUB MEETINGS

First Saturday each month

Conference room

0800-0900

333 N Euclid Ave, Ontario, CA

Next Radio Day Event

February 4th 2012

Red Hill Park

Rancho Cucamonga

We'll have a SSB Station, a Digital Station and a Satellite Station.

8am — 5pm

LICENSE CLASS — TECHNICIAN

Monday evening • 7 to 9 PM

9140 N. Haven Ave • Suite #115

Rancho Cucamonga, CA

Instructor

Chuck Sweeten AI6I

ai6i@verizon.net

License Class — General

Starting January 2012 at the Red

Cross office in Rancho Cucamonga.

Contact: ai6i@verizon.net

LICENSE EXAMS

All License Classes

First Saturday each month

0800-0900

333 N Euclid Ave, Ontario, Ca

Contact:

Howard Kagebine KB6UGS

Newsletter Editor

David DeGross WA6DF

wa6df.1@gmail.com

Web Editor

David DeGross WA6DF

wa6df.1@gmail.com

VIEW FROM THE TOP



These three guys are working on an antenna high atop the Empire State Building in New York City. One of them took this picture — Submitted by Doug Burkart