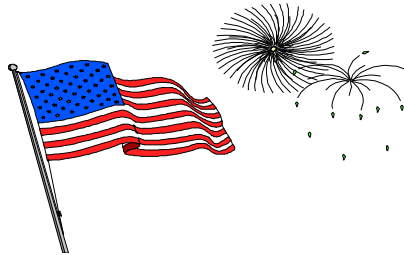




# The Cochise **Smoke**

The Cochise Amateur Radio Association, Inc. K7RDG

July 2009



**THE CARA JULY MEETING  
JULY 6TH AT GREEN ACRES  
7:00 P.M. – GENERAL MEMBERSHIP MEETING  
JULY BOARD MEETING, JULY 27TH AT 6:30 PM**

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If you'd like to see the "pretty copy" of this month's Smoke & a world of other club info,

Go to the CARA web pages

<http://www.k7rdg.org>

**COASTER RACES, JULY 4<sup>TH</sup> IN BISBEE! REMINDS YOU  
OF THE SOAPBOX DERBY. BRING YOUR HANDHELD!**

**ITEMS OF INTEREST FROM THE RACES NOTES**

**Bob Hollister, N7INK**

#### Upcoming Events

7/4 Bisbee Coaster Race

7/17-18 Williams Hamfest

9/5-7 Paradise Trip

Bisbee Coaster Race – Just a (few) days away from the annual Bisbee Coaster Race scheduled for the 4<sup>th</sup> of July. We need approximately 15 folks to assist in this annual event. I believe we have 12 names on the list at the moment. Please contact RB Rice (K7HVV) if you can assist. Please contact him if you assist. If you have never supported this event before, come on down. You only need a Handheld VHF radio. You should have one of the RACES T-shirts or Vests to help identify you to the public and law enforcement personnel. We are usually set up about 7:30 and finished by about 10:30. Plenty of time to go over to the Warren District and watch the oldest, continuing 4<sup>th</sup> of July Parade in Arizona.

COCHISE AMATEUR RADIO ASSOCIATION  
P.O. BOX 1855, SIERRA VISTA. AZ. 85636  
CARA MEMBERSHIP MEETING MINUTES  
JUNE 1, 2009

**CALL TO ORDER:**

**THE MEETING WAS CALLED TO ORDER AT 19.00 HRS JUNE 1, 2009 BY DALE NJ7C.  
IN ATTENDANCE WERE 26 MEMBERS**

**SECRETARY'S REPORT: DON SAVILL KE7JNB**

**A MOTION WAS MADE AND SECONDED FOR THE MINUTES OF APRIL 2009 MEETING  
PRINTED IN THE SMOKE. THE MOTION PASSED ON A VOICE VOTE. THE MINUTES OF  
MAY 2009 WERE READ BY THE SECRETARY. A MOTION WAS MADE AND SECONDED  
FOR THE MINUTES AS READ. THE MOTION PASSED ON A VOICE VOTE.**

**TREASURER'S REPORT: PAUL ANGELO KD7TDL**

**NO REPORT**

**HAMFEST REPORT:**

**TOTAL EXPENSES WERE \$1,156.66**

**INCOME \$3,925.65**

**NET PROFIT AS PROJECTED WILL BE AROUND 2,500.00**

**AGAIN THANKS TO ALL THAT WORKED HARD TO MAKE THIS HAPPEN**

**PRESIDENT'S REPORT: NJ7C**

**DALE NJ7C AND LEE KD7OED HAD A MEETING WITH THE COUNTY AND THINGS ARE  
GOING AHEAD ON THE LEASE, THE FENCE IS STILL A MAJOR ISSUE BUT THE COUNTY  
SAID THEY WOULD CLEAR THE LAND AND PUT UP THE FENCE USING PRISON LABOR.  
WE WILL BE RESPONSIBLE FOR THE MATERIAL AND TO PAY \$0.50/HR FOR THE LABOR  
BY THE PRISONERS. MEMBERSHIP APPROVAL OF \$5,000.00 TO COVER EXPENSES  
WAS REQUESTED. THE COUNTY WILL SIGN A LEGAL CONTRACT THAT IF THE LEASE IS  
NOT APPROVED CARA WILL GET BACK ALL MONEY THAT IS EXPENDED. A MOTION  
WAS MADE AND SECONDED FOR APPROVAL OF A MAXIMUM. OF \$5,000.00. THE  
MOTION PASSED ON A VOICE VOTE.**

**VICE PRESIDENT'S REPORT MIKE AD7AZ**

**NO REPORT**

**PROGRAM ON AIRBORN DIRECTIONAL FINDING BY KD7OED**

**LEE KD7OED GAVE A GREAT PROGRAM. THE PROGRAM WAS VERY EDUCATIONAL  
THANKS LEE FOR THE PROGRAM "WELL DONE"**

**MEMBER AT LARGE LEE KD7OED**

**WE ARE MOVING ALONG ON REPAIR PROJECTS, WE HAVE THE PARTS ON ORDER TO  
DO THE TOWER WORK. WE ARE BUILDING METAL STAIRS FOR PETE'S PALACE. WE  
ARE TAKING CARE OF THE BIG PROJECTS FIRST. PLEASE KEEP IN MIND THERE IS A  
LOT TO DO. SO IF YOU CAN, COME ON OUT AND HELP ON SATURDAY MORNINGS.  
REMEMBER THIS IS YOUR CLUB AND IT WILL TAKE A TEAM EFFORT TO GET ALL THE  
WORK DONE. . THERE IS A LETTER THAT HAS BEEN PUT TOGETHER FOR GOV.  
BREWER TO SIGN, DECLARING FIELD DAY AS AMATEUR RADIO WEEK. THE WILLIAMS  
HAMFEST WILL BE 17 18 OF JULY. FOR RAFFLE TICKETS, SEE LEE KD7OED.**

ARRL GRANT WB6OTS

NO REPORT

REMEMBER THE 27 AND 28 IS FIELD DAY SO IF YOU WOULD LIKE TO WORK FIELD DAY CONTACT GRANT AND SIGN UP FOR WHAT TIME YOU CAN OPERATE. WE WILL BE OPERATING FROM 11AM SATURDAY THRU TO 2PM SUNDAY

ARCA REPORT:

WAS COVERED BY KD7OED

TECHNICAL REPORT: RICH KB7RDG

NO REPORT

WEBMASTER REPORT: KEN CARPENTER WA7UIM

WEB PAGE IS UP AND RUNNING,

THE WEB PAGE LOOKS GREAT

THERE IS A NEW LOGO AND IT IS GREAT GO CHECK IT OUT

THE MEMBERSHIP LIST HAS BEEN UPDATED

RACES REPORT: BOB HOLLISTER N7INK

MAY WAS VERY BUSY,

BROWN CANYON, HUACHUCA MOUNTAINS ARES RACES TEAM RESPONDED TO A SAR MISSION FOR A HEART ATTACK VICTIM, UNFORTUNATELY HE HAD PASSED AWAY BEFORE HE COULD BE REACHED.

SAN PEDRO RIVER—KAYAKER WAS OVERDUE HE ENTERED THE RIVER AT THE HERFORD BRIDGE GOING NORTH AND DECIDED TO ABONDON THE TRIP AND WALK OUT

HE WAS LOCATED JUST SOUTH OF THE SAN PEDRO HOUSE.

PRICE CANYON CHIRICAHUA MOUNTAINS LOOKED FOR OVER DUE HIKERS

REPORTEDLY ONE HIKER HAD AN INJURED ANKLE. THE HIKERS WERE LOCATED BEFORE WE ARRIVED AND THE MISSION OBORTED.

BISBEE COASTER RACES STILL NEED HELP SEE RB OR BOB N7INK TO SIGN UP FOR THIS ON THE 4<sup>TH</sup> OF JULY

PAGER HAVE BEEN TURNED OFF AND MAY NOT BE USED AGAIN . SO IF YOU HAVE A PAGER TURN THEM IN—INFORMATION WILL BE SENT BY THE CELL PHONE SO I NEED YOUR CELL NUMBER

CARA NET REPORT: CHARLES CAMPBELL K4AFN

THERE AS BEEN GOOD PARTICIPATION. THANKS TO ALL FOR HELPING OUT AS NET CONTROLLERS. CHECK IN AND SHARE IDEAS OR, IF YOU ARE HAVING TROUBLE, BRING IT TO THE NET. THE NET MEETS ON EACH THURSDAY AT 7 PM. IT WOULD BE GREAT TO HEAR YOU CHECK IN

50/50 DRAWING

MUG WON BY LARRY

LEE WON THE \$15.50 AND DONATED THE WINNINGS BACK TO THE CLUB

NEXT MEETING WILL BE JULY 6, 2009

: MEETING ADJOURNED AT 2040 HRS, DON SAVILL, KE7JNB, SECRETARY

**Ed's Note:** The following was read and approved at our June 6<sup>th</sup> meeting and is published here only for the record.

**COCHISE AMATEUR RADIO ASSOCIATION  
P.O. BOX 1855, SIERRA VISTA. AZ. 85636  
CARA MEMBERSHIP MEETING MINUTES  
MAY 4, 2009**

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**CALL TO ORDER:**

**THE MEETING WAS CALLED TO ORDER AT 19.00 HRS JANUARY 5TH 2009 BY DALE NJ7C.**

**IN ATTENDANCE WERE 41 MEMBERS**

**SECRETARY'S REPORT: DON SAVILL KE7JNB**

**A MOTION WAS MADE AND SECONDED FOR THE MINUTES OF MARCH 2009 MEETING PRINTED IN THE SMOKE. THE MOTION PASSED ON A VOICE VOTE.**

**TREASURE'S REPORT: PAUL ANGELO KD7TDL**

**NO REPORT; PAUL DID NOT GET HOME**

**HAMFEST REPORT:**

**TOTAL EXPENSES WERE \$1,156.66**

**INCOME \$3,925.65**

**NET PROFIT \$2,768.99**

**THANKS TO ALL THAT WORKED HARD TO MAKE THIS HAPPEN**

**VICE PRESIDENT'S REPORT: MIKE MCNEILL AD7HZ**

**THANKS TO ALL THAT WORKED SO HARD TO RUN A GREAT HAMFEST**

**MANY THANKS TO ALL THAT HAVE DONATED TO THE COLLECTION FOR THE JUNK SALES**

**MIKE WILL NO LONGER DO STATE SALES**

**THE CLUB WILL DO THE STATE SALES BUT WE NEED SOME ONE TO HEAD THIS UP**

**PRESIDENT'S REPORT: NJ7C**

**DALE HAD NOTHING TO REPORT BUT ALSO THANKED ALL WHO WORKED THE HAMFEST**

**MEMBER AT LARGE LEE KD7OED – COUNTY HAS SUBMITTED THE PAPER WORK FOR THE TEMP. USE PERMIT . BLM HAS SIGNED THE PERMIT THIS WILL BE GOOD FOR 6 MO. WE ARE STILL WORKING ON THE LEASE RENEWAL. THERE IS STILL TALK ON HOW FAR TO THE EAST WE WOULD PUT THE FENCE. LEE DID GET TWO EST. ON THE COST OF THE FENCE: STAN'S FENCE WILL BE AROUND 9300 DOLLARS AND COPPER STATE WAS ABOUT 7500 DOLLARS. THE COUNTY WILL HELP CLEAR THE BRUSH SO THAT WILL LOWER THE COST TO US. WE ARE STILL GETTING DATA, ETC. WE ARE MAKING PROGRESS ON THE THINGS NEEDED TO BE DONE AROUND HERE. PLEASE KEEP IN MIND THERE IS A LOT TO DO. SO IF YOU CAN, COME ON OUT AND HELP. REMEMBER THIS IS YOUR CLUB AND IT WILL TAKE A TEAM EFFORT TO GET ALL THE WORK DONE.**

**ARRL/MEMBERSHIP - GRANT WB6OTS  
IF YOU HAVE NOT PAID YOUR DUES, PLEASE DO SO**

**THIS WAY WE WILL HAVE A TRUE MEMBERSHIP LIST  
THE TESTING AT THE HAMFEST WE HAVE 5 NEW GEN. AND ONE NEW TECH.  
WELLCOME TO ALL OF YOU.  
REMBER THE 27 AND 28 IS FIELD DAY SO IF YOU WOULD LIKE TO WORK FIELD DAY  
CONTACT GRANT AND SIGN UP FOR WHAT TIME YOU CAN OPERATE. WE WILL BE  
OPERATING FROM 11AM SATURDAY THRU TO 2PM SUNDAY**

**ARCA REPORT:  
ON THE LICENCE PLATES ARCA HAS TO SEND A LETTER STATING WE DID NOT WAVE  
OUR PORTION OF THE MONEY  
THERE IS ALSO A BILL WERE THE GOVERNMENT IS TRYING TO SELL OFF THE 3000  
MHZ THRU 3500 MHZ TO THE CELL PHONE COMPANYS AND ARRL IS LEADING THE  
ARGUMENTS AGAINST THIS  
THE ARCA SUMMER FEST WILL BE HELD ON THE 17TH THRU 19TH OF JULY IN  
WILLIAMS 2009**

**TECHNICAL REPORT: RICH KB7RDG  
THANKS TO RICH FOR ALL THE COOKING AT THE HAMFEST.  
THERE IS NOTHING MAJOR COMING UP FOR NEXT MONTH. BUT WE ARE STILL  
WORKING ON SMALL PROJECTS AT THE CARA SITE.**

**MATERIAL REPORT: MIKE MCNEILL AD7HZ  
MIKE NEEDS MORE EQUIPMENT TO LIST AND SELL  
CHECK THE WEB SITE. FOR ITEMS LISTED**

**WEBMASTER REPORT: KEN CARPENTER WA7UIM  
WEB PAGE IS UP AND RUNNING,  
THE WEB PAGE LOOKS GREAT**

**RACES REPORT: BOB HOLLISTER N7INK  
THE GOOD NEWS IS WE ONLY HAD ONE CALL OUT FOR THE MO. OUT BY PORTAL.  
THERE WERE TWO MISSING BIRD WATCHERS. THE NEXT MORNING THE TWO CALLED  
IN FROM A FARM HOUSE  
APRS COVERAGE WAS A LOT BETTER WHEN USED DURING THE BISBEE RACE.  
MAY 21st IS SAFTY DAY AT FT. HUACHUCA AND JULY 4th IS THE COASTER RACE IN  
BISBEE (RB WILL TAKE THE NAMES THAT WANT TO HELP IN THE COASTER RACE).**

**CARA NET REPORT: CHARLES CAMPBELL K4AFN  
THERE AS BEEN GOOD PARTICIPATION . THANKS TO ALL FOR HELPING OUT AS NET  
CONTROLLERS.  
CHECK IN AND SHARE IDEAS OR, IF YOU ARE HAVING TROUBLE, BRING IT TO THE NET.  
THE NET MEETS ON EACH THURSDAY AT 7 PM. IT WOULD BE GREAT THE HEAR YOU  
CHECK IN**

**50/50 DRAWING  
MIKE WON THE MUG  
JAKE WON THE \$22.50 AND DONATED THE WINNINGS LESS HIS COST FOR THE  
TICKETS BACK TO THE CLUB**

**NEXT MEETING WILL BE JUNE 1. 2009**

**ADJOURN:  
MEETING ADJOURNED AT 1945 HRS**

## **MORE ITEMS OF INTEREST FROM THE RACES NOTES**

**Bob Hollister, N7INK**

The Cochise County RACES/ARES Communications team (participated) in the Department of Defense Interoperability Communications Exercise (DICE) 09. DICE 09 was part of a multi-state communications exercise coordinated by the Department of Homeland Security (DHS) and United States Northern Command (USNORTHCOM), the joint military command responsible for homeland defense and support to civil authorities across North America. The exercise was sponsored by NORTHCOM and hosted by the Joint Interoperability Test Center (JITC) at Fort Huachuca during the period 16-18 June 2009. The main objective of the exercise was to test communications including radio, data (Internet) and satellite. Exercise participants included military units and civil emergency response agencies from Arizona, North Carolina, Texas, and New Jersey. DICE participation provides a great opportunity for emergency responders from city, county, state, federal, and military agencies to work out procedures and protocols to be used during emergencies.

The following are the Search & Rescue missions participated in by Cochise County SAR in the month of May. In the last 26 years of record keeping there have never before had this many (11) missions in one month:

- 14 May body recovery Dos Cabezas
- 15 May tombstone assist
- 16 May missing 3 yom McNeal
- 22 May missing woman Graham assist
- 22 May missing fern picker Graham assist
- 23 May broken ankle Mon
- 24 May heart attack extraction, brown Cyn
- 24 May overdue kayaker San Pedro
- 24 May missing grandpa by Pima, Graham
- 24 May Gila Canyon Graham missing hiker
- 30 May lost hikers, one injured Price canyon

## **HIGHSPEED TELEGRAPHY ON THE WORLD STAGE**

**ARRL Letter June 6, 2009**

The October 1936 issue of QST reported on the first official "Amateur Code Speed Contest" ever held. Eugene A. Hubbell, W9ERU, took home the silver trophy with his winning speed of 52.2 words per minute. Held at the ARRL Central Division Convention that year, the contest required operators to decipher plain language text for two minute intervals that

ranged in speed from 25 to 52.7 words per minute. "Only bona-fide amateurs, holding at least an amateur operator's license, were eligible" to compete in the contest, the article stated <<http://p1k.arrl.org/cgi-bin/topdf.cgi?id=18072&pub=qst>>.

Fast forward to 1995. Competitors from 15 countries on three continents traveled to Siofok, Hungary to show off their CW operating skills in the first IARU High Speed Telegraphy (HST) World Championship. According to Barry Kutner, W2UP, HST has long been considered a sport in Europe, especially Eastern Europe, similar to chess or an Olympic sport. Kutner was the sole US representative at the 2005 HST World Championship in Macedonia. In 2009, he is leading a team of seven this September to Obzor, Bulgaria for the Ninth High Speed Telegraphy IARU World Championship <<http://www.hst2009.eu/>>.

Kutner said that most of the participating IARU Member-Societies hold a national competition in their country, seeking members to field and sponsor a team to the World Championship. "In some of the eastern European countries, where they take this very seriously, there are team and/or individual coaches, too," he said. Competitors must be licensed Amateur Radio operators, except entrants in the younger categories may be SWLs. The IARU HST World Championships follow rules set forth by the IARU Region 1 High Speed Telegraphy Working Group <<http://www.darc.de/referate/dx/archives/hstrules.pdf>>.

In the US, Kutner said those who wish to participate in the World Championship do so at their own expense. "In past years, there has either been one -- myself in 2005 and Ilya Kleyman in 2007 -- or no US participants," he told the ARRL. "This year, we have a team!"

The US team consists of shortwave listener Brana Kleyman (category A, women 16 and younger); Kody Low, KB3RUP, and Cal Darula, K0DXC (category B, men 16 and younger); Ilya Kleyman, KE7OPG, and Ken Low, NV1P (category H, men age 40-49), and Gary Schmidt, W5ZL, and Kutner (Category I, men 50 and older). "The 2 OM categories are full," Kutner said. "But we are always looking for younger hams, especially young ladies!" There are nine categories, and each country can only send two competitors per category, for a maximum of 18 competitors.

There are three main competitive events at HST meets: Transmitting, receiving and receiving Amateur Radio call signs via RUFZxp <<http://www.rufzxp.net/>>; the sending and receiving portions of the competition are referred to as the Radioamateur Practicing Tests (RPT). There is also a pileup competition.

In the RPT, random letters and numbers are sent via Morse code -- five characters at a time -- at a high speed. Separate competitions are held for the reception of only the 26 letters of the Latin alphabet, only the 10 Arabic numerals or a mixed content of letters, numbers and some punctuation symbols. Competitors may choose to record the text by hand on paper or by typing on a computer keyboard. The competition starts with one minute of transmission sent at an initial speed defined for the entry category (usually 50 letters per minute for juniors and 80 letters per minute for the other age categories). After each test, the competitors' copy is judged for errors. Subsequent tests are each conducted at an increased speed until no competitor remains who can copy the text without excessive error.

The best vitamin for making friends.... B1.

THE COCHISE SMOKE is published each month by e-mail and snail mail. Editor is Ted Weaver, K9TED [tedweaver2@juno.com](mailto:tedweaver2@juno.com) Snail mail stuff you'd like to have me publish in Smoke to P.O. Box 6017, Huachuca City, AZ 85616 or use the above e-mail address.

The Cochise Amateur Radio Association, Inc. (CARA)  
P.O. Box 1855  
Sierra Vista, AZ 85636



"This Is A First Class Publication"