

# *The Ragchewer*

June 2003



The Monthly  
News Letter  
of The  
Lancaster &  
Fairfield  
County  
Amateur  
Radio Club

### ***Club Meetings:***

1st Thursday of every month at 7:30 p.m. at the Club House on State Route 37 (Granville Pike) next to Beavers Field.

### ***Radio Night:***

Every Thursday of every month (Except 1st Thursday) at the Clubhouse, 6:30 p.m. to 8:30 p.m. on State Route 37 (Granville Pike) next to Beavers Field.

### ***Net:***

Mondays 9 p.m.  
147.030 MHz (+.6)  
146.700 MHz (-.6)  
Alternate Freq.  
443.875 MHz (+5)

### ***Club Packet BBS:***

145.53 MHz  
K8QIK-1 BBS  
K8QIK-2: OHIO53  
(Club Node)



### **Amanda Skating Party Bunch**

**Everyone had a great time, some people**

**Missed out on a lot of fun.**

**This is the skating Group**

### **Weather radio**

**Our weather radio is down For repairs.  
If you need weather info Tune in to 146.760  
123 Htz tone  
For all I weather reports**

Section Manager's Column

Joe Phillips, K8QOE, Ohio Section Manager

Section News (Ohio Section) for June, 2003 edition for Ohio Section  
Newsletters and Web Sites

JUNE SECTION NEWS: Before we begin, all this month the World Radio Conference is meeting in Geneva (June 9-July 4). Yes, redesigning 40 meters is very much on the table. Check for news daily at the ARRL Web Page <[www.arrl.org](http://www.arrl.org)>.

... Field Day month (28-29) and the 2003 theme is "When All Else Fails." Yes, have fun, get caught up in a high score, eat well and get new hams excited with the GOTA station, But the theme should remind us the first objective is to practice our message handling skills and put these skills on public display.

... The 8th Call QSL Bureau, for years headquartered in Columbus, had an address change last month. Division Director Jim Weaver, K8JE, has appointed Jay Slough, K4ZLE, of West Chester, as the 8th District QSL Bureau chief succeeding Ed Gassman, N8HTT, of Baltimore (near Columbus) who retired after many years of service. Jay has moved the bulk sorter equipment to the Cincinnati area. The new address of the bureau is Post Office 307, West Chester, Ohio, 45071-0307.

... Many of you have seen other states pass their version of PRB-1 with its antenna protections. I was aware of many opponents in the Ohio General Assembly and had been explaining that when I was speaking to clubs and ARES groups. But most of you have said "forget the opponents; get busy on an Ohio PRB-1 version. So Assistant Section Manager, Bob Winston, W2THU, Cleveland, who is an attorney specializing in antenna problems, will serve as the point person. Ideas? Contact Bob at <[w2thu@arrl.net](mailto:w2thu@arrl.net)>.

... To avoid any confusion, our friends at the Mad River ARC remind me that the exact date of the Ohio QSO party this year is August 23. (There are five Saturdays in August this year).

... The ARES Annual Conference in April drew 107 hams representing 38 counties. Excellent conference and the pizza was good as well. Congrats to SEC Larry Rain, WD8IHP, for pulling it off.

OHIO CLUB NEWS: If any clubs have information about any activities your clubs are doing for the 2003 Ohio Bicentennial contact Bob Winston, W2THU at 300 Standard Bldg., 1370 Ontario St., Cleveland, OH 44113 or

<[w2thu@arrl.net](mailto:w2thu@arrl.net)>; ...Remember that your annual report for ARRL needs to be done each year and if you are a Special Service Club check your date of when you received your status. This needs to be renewed every two years. You can do both of these on the ARRL web site.

OHIO SECT CONGRATS: (A) To Ohio's ARES program for at least six HAZMAT drills reported by various counties across Ohio. Good to see this aspect of emergency planning is not forgotten; (B) To Jesse Wall, KA8YYZ, editor of Pioneer Radiator newsletter of Pioneer ARF, for including the crossword puzzle in the April edition and not giving the answers until the next issue; (C) To Ken Massie, WN8F, editor of Hello Radio newsletter of Lawrence County ARC for printing complete bios of the club's seven new members (with pictures); not just name and call. Idea other clubs should copy; (D) To new officers of Huber Heights ARC: Gary Walker N8OI, President; Cindy Ebner K8CJE, Vice-President; Rusty Baldwin, KC8LNO Secretary and Al Nellis, KA8IPO Treasurer.

OHIO SECTION JUNE HAMFESTS: (8) Goodyear ARC at Suffield (near Akron). For more info: contact rich-jkuster@aol.com; (8) Fulton County ARC at Wauseon (west of Toledo). More info; <[www.fcarc.8m.com](http://www.fcarc.8m.com)>; (21) Milford

Ve testing

Sunday 15 June at 9:30 a.m.

American Red Cross

131 W. Mulberry st.

Subject: RE: The ARRL Letter, Vol 22, No 20  
Date: Fri, 16 May 2003 18:11:26 -0400  
From: "ARRL Letter Mailing List" <letter-dlvy@arrl.org>  
The ARRL Letter Vol. 22, No. 20 May 16, 2003

IN THIS EDITION:

- \* +FCC gives hams half a loaf
- \* +Members of Congress get Amateur Radio Today presentation
- \* +Logbook of the World opens beta testing
- \* +Hams' response to tornadoes winds down
- \* +Panel says foam insulation likely shuttle disaster cause
- \* +Hamvention 2003 under way
- \* Solar Update
- \* IN BRIEF:

This weekend on the radio ARRL Emergency Communications course registration ARRL Certification and Continuing Education course registration ARRL to sponsor emergency communications course seminar in Nevada

California ham radio antenna bill set for Senate hearing Jerry Jennison, N5OKQ, SK +Lee Kitchens, N5YBW, SK  
==>FCC DECLINES TO GRANT LF ALLOCATION, GIVES CHANNELIZED ACCESS TO 5-MHZ

The FCC bowed to power company concerns and declined to grant amateurs an expected sliver-band allocation at 136 kHz "at this time." But, in a compromise with government users, the Commission gave amateurs secondary access to five discrete 2.8-kHz-wide channels in the vicinity of 5 MHz instead of the 150-kHz band ARRL had requested. In its Notice of Proposed Rule Making a year ago, the FCC appeared inclined to go along with both ARRL requests.

The FCC did agree in its Report and Order (ET Docket 02-98) to elevate the Amateur Service--but not the Amateur-Satellite Service--to primary status at 2400 to 2402 MHz. The changes to Part 97 go into effect 30 days after publication in The Federal Register, which has not yet occurred.

"We are disappointed that the FCC could not see its way clear to providing even a narrow LF allocation to the amateur service, given earlier encouraging signs and the general trend in other countries," ARRL Chief Executive Officer David Sumner, K1ZZ, said of the FCC's decision.

The FCC, however, found itself more persuaded by arguments from electrical utilities and other commenters that amateur operation at 136 kHz might interfere with power line communications (PLC) used by electrical utilities to control the power grid.

The FCC said a new amateur LF allocation is not justified "when balanced against the greater public interest of an interference-free power grid." The FCC said amateurs wishing to experiment with LF could apply for experimental licenses or operate under existing Part 15 rules. "We will not jeopardize the reliability of electrical service to the public," the FCC concluded.

The granting of just five spot frequencies--5332, 5348, 5368, 5373, and 5405 kHz--at 60 meters was less of a surprise given opposition expressed last fall by the National Telecommunications and Information Administration (NTIA). The NTIA had cited a possible need for the requested band by federal government users and proposed the five specific frequencies for amateur use on a secondary basis. The FCC has granted operation on USB (2K8J3E emission) only, with a maximum effective radiated power limit of 50 W relative to a 0 dB gain antenna--a half-wave dipole.

The channels--each with a maximum permissible bandwidth of 2.8 kHz--will be available to General and higher class licensees.

"While the new amateur privileges at 5 MHz are not as flexible as we had hoped, we recognize that much has changed since the ARRL petition for rulemaking was submitted to the FCC in the summer of 2001," Sumner said.

"Federal agencies with homeland security responsibilities have renewed interest in HF radiocommunication." The restriction to USB is aimed at maintaining interoperability with federal government users, who conceivably could require immediate access to one of the amateur secondary channels.

Sumner said the ARRL was pleased to see 2400-2402 MHz upgraded to primary "The upgrade of the 2400-2402 MHz amateur allocation to primary provides a seamless primary allocation from 2390 to 2417 MHz, in addition to the secondary allocations of 2300-2310 and 2417-2450 MHz," he said. Amateurs already have been experimenting with high-speed multimedia operation in the band using IEEE 802.11b protocols.

The Report and Order is available on the FCC's Web site,  
[http://hraunfoss.fcc.gov/edocs\\_public/attachmatch/FCC-03-105A1.doc](http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-105A1.doc).

Continued on page 4

#### AMATEUR RADIO TODAY SENT TO MEMBERS OF CONGRESS

A copy of the new Amateur Radio Today CD-ROM video presentation this week went out to all 535 members of the US Congress. The ARRL video tells Amateur Radio's public service story from a non-Amateur Radio perspective.

Former CBS news anchorman Walter Cronkite, KB2GSD, narrates the six-minute presentation.

"After viewing the video, I am sure you will agree that hams are a valuable public safety resource, and continued threats to the spectrum they operate on is not in our national interest," say identical letters to their colleagues from US Rep Michael Bilirakis, a Florida Republican, and US senators Michael Crapo, an Idaho Republican, and Daniel Akaka, a Hawaii Democrat. The letters also seek additional cosponsors for The Amateur Radio Spectrum Protection Act of 2003. Bilirakis is the House sponsor of the Amateur Radio Spectrum Protection Act of 2003, HR 713, while Crapo sponsored the Senate version of the bill, S 537. Akaka is an original cosponsor of the Senate measure.

The bills, an ARRL initiative, are on their third try in Congress. HR 713 and S 537 would protect existing Amateur Radio spectrum against reallocations to or sharing with other services unless the FCC provides "equivalent replacement spectrum" elsewhere. That would include reallocation of primary amateur allocations, any reduction in secondary amateur allocations, or "additional allocations within such bands" that would substantially reduce their utility to amateurs. The chairman of the House Subcommittee on Telecommunications and the Internet has agreed to hear testimony on the House version of the bill later this spring. The text of HR 713 and S 537 is available via the Thomas Web site

<<http://thomas.loc.gov/>>.

Individuals may order a copy of the Amateur Radio Today CD-ROM from the ARRL on-line catalog <<https://www.arrl.org/catalog/?item=8861>> or download it for free. Amateur Radio Today also is available in VHS videotape format. A subtitled (open-captioned) version also is available.

#### ARRL'S "LOGBOOK OF THE WORLD" ENTERS OPEN BETA-TESTING PHASE

The long-anticipated "Logbook of the World" (LoTW)--the ARRL's secure electronic contact-confirmation system--is being opened for beta testing. While a formal unveiling was set for the Hamvention DX Forum May 17, LoTW now is available to all who wish to participate in the beta testing program, expected to last 60 days.

At the heart of the Logbook of the World concept is a huge repository of log data provided by operators--from individual DXers and contesters to major DXpeditions--and maintained by ARRL. Logbook of the World Project Leader Wayne Mills, N7NG, says the system will benefit big and little guns alike by providing quick QSO credit for awards offered by ARRL--and, it's hoped, those offered by other organizations as well--without having to first collect and submit hard-copy QSL cards.

Visit the ARRL Logbook of the World Web site <<http://www.arrl.org/lotw>> to learn more, download the necessary software and take part in the beta testing effort. For the purposes of the beta test, validated users are asked to submit log data for contacts made on or after January 1, 1998. Once a certificate is issued, beta testers may e-mail their log data to the LoTW database [lotw-test@arrl.org](mailto:lotw-test@arrl.org).

LoTW will accept authenticated data--either in Cabrillo or ADIF format--directly from computerized logs via the Internet. Software Development Manager Jon Bloom, KE3Z, noted that because the software still is under development, any data uploaded during the beta-testing period will be erased before LoTW "goes live." Beta participants will have to obtain new certification even if they've participated in earlier LoTW testing. The beta certification will be good only for the beta-test period.

Bloom emphasized that every call sign would need a separate certificate.

Bloom and Mills encouraged beta-test DXers and contesters to upload their log files--the bigger the better--to test the robustness of the software as well as to populate the database and create a more realistic environment. LoTW will find and match contacts between stations based on the log data submitted by users, and the results will appear on the Logbook of the World Web page.

"We're not replacing the whole paper QSL scheme with Logbook of the World," said Mills, who is also ARRL's Membership Services manager. "This is really a system to offer credits for awards."

#### HAM RADIO TORNADO RESPONSE WINDS DOWN

ARRL Oklahoma Section Manager John Thomason, WB5SYT, said this week that the intense Amateur Radio relief and recovery effort following two tornadoes earlier this month in the Oklahoma City area was "winding down quickly." The FCC rescinded a general communications emergency on 3900 kHz in the Oklahoma area last weekend. Responding amateurs in Oklahoma supported relief activities of The Salvation Army following storms May 8 and 9. Amateurs also provided weather-spotting via the SKYWARN system and handled emergency and health-and-welfare traffic and assisted with damage assessment.

"Amateur Radio responded quickly and thoroughly," Thomason said, adding that hams from the Oklahoma City area as well as other parts of the state turned out to help in what he called "a very challenging and changing environment." Some 50 amateurs were involved in the Oklahoma response, Thomason said. The storms struck just a day after some 30 of the

The Oklahoma storms capped a week that some have been calling the worst ever for tornado outbreaks. On May 4, tornadoes struck the both sides of the border in the Kansas City area as well as in other parts of Kansas. Tornadoes that spun off the same weather system also hit parts of Tennessee and other states.

In Missouri, Section Emergency Coordinator Don Moore, KM0R, says hams there logged more than 1000 volunteer work hours in eight days. "We have had Amateur Radio operators active in one part of Missouri or another since Sunday, May 4, providing communications for served agencies, assisting in damage assessment or handling health and welfare traffic into and out of the affected areas," he said.

In Kansas, the Johnson County ARES Net was on the air within minutes of the May 4 tornado. Hams used HF to maintain contact among The Salvation Army Emergency Disaster Services headquarters in Kansas City and affected areas south and east of Kansas City. Hams also supported Salvation Army mobile canteens in stricken areas throughout the Kansas City metropolitan area and rode along with damage-assessment teams. Another series of thunderstorms swept into Kansas May 8, and a tornado hit Lawrence near the University of Kansas campus. There were no major injuries, but The Salvation Army dispatched canteen units with ham radio support.

In Tennessee, hams assisted as residents dug out from a tornado that struck the Jackson-Madison County area early on May 5. Madison County EC Kenny Johns, AB4EG--a City of Jackson employee--found himself putting in 12-hour days in cleanup operations. As of last weekend, some 5000 homes remained without power, and Johns said some areas may take up to a month to restore. Nearly 200 structures were destroyed, 11 people were killed, and hundreds were left homeless. Hams were assisting the Madison County Emergency Management Agency as needed, Johns said.

ARRL Assistant SEC for Middle Tennessee Tom Delker, K1KY, said ARES teams in Middle Tennessee provided daily support to served agencies daily since tornadoes on May 5 and 11. Delker said that upward of 400 Middle Tennessee amateurs provided support for state and local emergency management agencies, law enforcement, the American Red Cross and the National Weather Service. When damaging tornadoes struck east of Smyrna on May 11, "ham storm spotters tracked the storm and responded to the call for assistance immediately after touchdown," Delker said. The storm destroyed six homes and left some 30 others with major damage. It was a similar story in nearby Williamson County, where a tornado destroyed one home and damaged thers. ARES groups in more than 22 Middle Tennessee counties were active, he said.

#### COLUMBIA PANEL ISSUES PRELIMINARY FINDINGS IN SHUTTLE TRAGEDY

The space shuttle Columbia Accident Investigation Board (CAIB) has released what it's calling "a working scenario" <[http://www.caib.us/news/press\\_releases/pr030506.html](http://www.caib.us/news/press_releases/pr030506.html)> to explain t he February 1 tragedy that claimed the lives of seven astronauts--three of them Amateur Radio licensees. Preliminary findings, based on three months of "intense investigation," suggest that just over a minute into the January 16 launch, a piece of foam insulation from the shuttle's external fuel tank struck and damaged the lower left wing reinforced carbon-carbon (RCC) panels. The CAIB says its evidence indicates that a breach in the same area of the left wing allowed hot gases to flow into the wing during re-entry into Earth's atmosphere, eventually leading to the spacecraft's destruction.

"The CAIB is continuing testing and analyses to refine the working scenario," NASA said. The independent investigation board--headed by retired US Navy Adm Harold Gehman--will issue its final report this summer. Gehman told reporters earlier this month that his panel has been careful not to say that the piece of insulation knocked a hole in the leading edge of the orbiter's wing "because we can't prove it."

In an effort to pin down that probability, investigators at Southwest Research Institute in San Antonio has been using a gas-fired cannon to shoot pieces of insulating foam at actual shuttle RCC and insulating tile components.

Lost in the February 1 disaster were Columbia Commander Rick Husband; Pilot Willie McCool; Mission Specialists Kalpana "KC" Chawla, KD5ESI; David Brown, KC5ZTC; Laurel Clark, KC5ZSU; and Michael Anderson; and Payload Specialist Ilan Ramon--an Israeli astronaut.

The Columbia started to break up over the southwestern US as it entered the earth's atmosphere on the return leg of its 16-day science mission. Many Amateur Radio volunteers provided communication support during the early days of the shuttle debris recovery effort. NASA and Amateur Radio have a longstanding relationship through the Shuttle Amateur Radio EXperiment (SAREX) and Amateur Radio on the International Space Station (ARISS) programs.

More information is available via the NASA Human Spaceflight Web page <<http://www.spaceflight.nasa.gov/>>.

#### SOLAR UPDATE

Solar sage Tad Cook, K7RA, Seattle, Washington, reports: Disturbed conditions triggered by a continuous solar wind stream appear to go on and on, week after week, seemingly without end. Nice quiet conditions would result from a daily A index of 10 or lower. Average daily conditions near that level haven't been reported since the week of February 20-26 when the daily average A index was 11.1, or January 9-15 when it was 9.1.

Continued on page 6

## SOLAR UPDATE

Conventional wisdom says that disturbed conditions occur more often when the solar cycle has passed the peak and is headed down, and recent experience seems to bear this out. Recent forecasts for daily solar flux and planetary A index don't predict a daily A index below 10 until May 31. Sunspot numbers for May 8 through 14 were 33, 23, 22, 47, 66, 59, and 75, with a mean of 46.4. 10.7 cm flux was 100.9, 97.1, 92.7, 91.5, 93.9, 96.1, and 96.3 with a mean of 95.5. Estimated planetary A indices were 30, 29, 43, 31, 18, 27, and 27, with a mean of 29.3.

## IN BRIEF:

This weekend on the radio: The US Counties QSO Party (SSB), the Anatolian RTTY Worldwide Contest, His Majesty the King of Spain Contest (CW) and the Baltic Contest are the weekend of May 17-18. JUST AHEAD: The CQ Worldwide WPX Contest (CW), the VK-ZL Trans-Tasman Contest (SSB) and the QRP ARCI Hootowl Sprint are the weekend of May 24-25. The Michigan QRP Memorial Day CW Sprint is May 26-27. See the ARRL Contest Branch page <<http://www.arrl.org/contests/>> and the WA7BNM Contest Calendar <<http://www.hornucopia.com/contestcal/index.html>> for more info.

ARRL Emergency Communications course registration: Registration is closed for the Level II ARRL Amateur Radio Emergency Communications on-line course (EC-002) that begins May 27, sponsored by United Technologies Corporation. Registration opens Monday, May 19, 12:01 AM EDT (0401 UTC), for the Level III Emergency Communications on-line course (EC-003). Registration remains open through the May 24-25 weekend or until all available seats have been filled--whichever comes first. Class begins Tuesday, June 3. Thanks to a grant from United Technologies Corp, the \$45 registration fee paid upon enrollment will be reimbursed after successful completion of the Level III course. During this registration period, approximately 50 seats are being offered to ARRL members on a first-come, first-served basis. A new service now allows those interested in taking an ARRL Certification and Continuing Education (C-CE) course in the future to receive advance word of registration opportunities via e-mail. To take advantage, send an e-mail to [prereg@arrl.org](mailto:prereg@arrl.org). On the subject line, include the course name or number (eg, EC-00#). In the message body, include your name, call sign, e-mail address, and the month you want to start the course. To learn more, visit the ARRL Certification and Continuing Education Web page <<http://www.arrl.org/cce/>> and the C-CE Links found there. For more information, contact Emergency Communications Course Manager Dan Miller, K3UFG, [dmiller@arrl.org](mailto:dmiller@arrl.org); 860-594-0340.

ARRL Certification and Continuing Education course registration: Registration for the new ARRL VHF/UHF--Life Beyond the Repeater (EC-008) <<http://www.arrl.org/cce/courses.html#ec008>> and the High Frequency Digital Communications (EC-005) <<http://www.arrl.org/cce/courses.html#ec005>> courses opens Monday, May 19, 12:01 AM EDT (0401 UTC). Registration remains open through Sunday, May 25. Classes begin Tuesday, May 27. Registration for the ARRL Antenna Modeling (EC-004) <<http://www.arrl.org/cce/courses.html#ec004>> course remains open through Sunday, May 18. To learn more, visit the ARRL Certification and Continuing Education Web page <<http://www.arrl.org/cce/>> and the C-CE links found there. For more information, contact Certification and Continuing Education Program Coordinator Howard Robins, W1HSR, [hrobins@arrl.org](mailto:hrobins@arrl.org). [C-CE logo]

California ham radio antenna bill set for Senate hearing: The California Senate's Local Government Committee will hear public comment on the state's pending Amateur Radio antenna legislation, Assembly Bill 1228. The hearing is set for Wednesday, May 21, at 9 AM PDT. ARRL staffer and antenna expert Dean Straw, N6BV, is scheduled to testify on behalf of the proposed legislation. The measure would incorporate the essence of the limited federal preemption known as PRB-1 into California's statutes and require localities to "reasonably accommodate" Amateur Radio communication. The bill cleared the California Assembly April 10 on a 67-0 vote. California is home to nearly 15 percent of the nation's Amateur Radio population. The bill's sponsor, Assemblyman Bob Dutton, is inviting letters of support to The Honorable Bob Dutton, State Capitol PO Box 942849, Sacramento, CA 94249-2063 (fax, 916-319-2163). Correspondents are requested to fax a copy to Peter Detwiler at the Senate Local Government Committee, 916-322-0298.

Jerry Jennison, N5OKQ, SK: Jerry Jennison, N5OKQ, of San Angelo, Texas, died May 2 following an extended illness. He was 64. An ARRL member and REACT International Life Member, Jennison also was active in the Salvation Army Team Emergency Radio Network (SATERN) and served as SATERN coordinator for the Southern Territory of The Salvation Army. "This is a sad day for SATERN and for the many organizations that Jerry Jennison served in," said National SATERN Director Pat McPherson, WW9E. "Jerry was reflective of the 'Can Do' spirit of the amateur operator." Jennison also was a volunteer for the Red Cross and was a member of the San Angelo Amateur Radio Club. A memorial service was held on May 7.

**The Lancaster  
and Fairfield  
County Amateur  
Radio Club**

**2002/2003  
Officers:**

*President:*

James Gaffney  
N8JEG

*Vice President:*

Tom Moore  
KB8USK

*Treasurer:*

Ed Campbell Sr.,  
WD8PGO

*Secretary:*

Jon Larabee  
KC8RUI

*Activities:*

Charles Snoko N8KZN

*Station Engineer:*

John Hilliard,  
W8OF

*Trustee:*

Richard A. Schleiffer,  
W9ZZX

*Flower Fund:*

Marie Moore, KB8VOL  
653-9092

and

Candie Wright  
KC8NQG

*Editor:*

Bob Bickel  
N8UTE

*Field Day Chairman:*

Chuck Bruckelmeyer,  
W8LCT

## Public Service Communications



*Edward Campbell, WD8PGO  
Fairfield Co. EC*

### July 4<sup>th</sup> parade

**Meet at the covered bridge at 8:00 am.**

**For line up of parade and traffic control**

**Meet at 4:00pm. For parking for fire works**

Need all help possible Get your ht's charged

**And ready to help out.**



**Drop in and see us on Radio Night,  
Thursday evenings at 6:30 PM.**

Check out our Club Web Site at: [www.qsl.net/k8qik](http://www.qsl.net/k8qik)

#### **CENTRAL OHIO CW LEARNING NET**

The CW Learning Net is Every Friday night at 8:00 P.M. on the W8CMH repeater 145.490 (-). Portion of 2 hour net is devoted to letter learning and the balance to QSO designed to promote speed development. Carl, AA8YY is Net Control.

#### **SLOW SCAN TV NET**

The COSSTV (Central Ohio Slow Scan TV), <http://www.qsl.net/n8tut/sstv>, Net is the first Sunday of every Month at 7:00 PM. The group meets on the W8CMH repeater 145.490(-). All you need is a 2m radio, a computer with a sound card, and the W95SSTV software. The Software is available on the internet at <http://www.siliconpixels.com/W95SSTV/W95dload.htm>.

## **The Lancaster and Fairfield County Amateur Radio Club Monthly Minutes**

(June Minutes)

- Meeting called to order by the President
- Pledge of Allegiance
- Visitors
  - o No Visitors
- New Applications
  - o Roman Wilshanetsky (KC8TUZ) Second time through. Was voted upon and accepted by all.
- Secretary report Read by Jon Larabee
  - o Read minutes.
  - o Motion to accept Chuck, seconded by John Hillard
- Treasury Report by Ed Campbell
  - o Finances report given.
  - o Motion to accept by Chuck, seconded by Charle.
- Trustee's report (Richard Schieffer)
  - o Not Present
- Activities Manager (Charlie Snoke)
  - o No Report
- Station Engineer (John Hillard)
  - o Note that there were some unlicensed transmissions by kids on the repeater Saturday. There might be an addition of a six-meter repeater option if people are interested. Please let him know how you feel about this particular issue.
- VE Testing
  - o 15<sup>th</sup> at the Red Cross
- Emergency Coordinator (Ed Campbell Senior)
  - o Parade may be an hour earlier this year. It starts at 10.
  - o We have received the new vests. They may be numbered soon.
  - o Volunteers are badly needed for this very important event.
- Old Business
  - o The fire station antenna check may take place soon. The EMA may be looking into buying a new building. We may be able to work out a deal with them.
- New Business
  - o Field Day is the 28-29<sup>th</sup>. Meeting at Shoney's for breakfast that Friday. A 3 kilo-watt generator is being provided by Mark Urbine.
- Closing
- Motion to close by Tom, seconded by Chuck.



# UNIVERSAL RADIO TOP 80 ITEMS: Prices & Specials

Catalog 03-03 Update  
Printed: 06/10/03

## ▶ ALINCO

Order	Model	Regular	Comment	Price	Pg.
#4238	DJ-196T	\$139.95		\$139.95	67
#1596	DJ-596T	219.95		219.95	67
#0472	DJ-V5TH	229.95		229.95	67
#0222	DJ-X 2T	219.95		219.95	17
#1003	DJ-X 3T	239.95		239.95	17
#3610	DJ-X10T	329.95		329.95	17
#2020	DJ-X2000T	769.95		499.95	17
#1980	DR-135T	169.95		169.95	62
#4236	DR-135TP	269.95		269.95	62
#3621	DR-605TQ	349.95		349.95	
#0620	DR-620T	369.95	New item!	369.95	62

## ▶ AOR

AOR promotion ends 06/30/03.

Order	Model	Regular	Comment	Price	Pg.
#3662	AR-5000+3B	\$2119.95	Free Book #0042	\$2119.95	21
#0083	AR-8200Mk3B	589.95	Free Book #0042	589.95	21
#1860	AR-8600Mk2B	889.95	Free Book #0042	889.95	21

## ▶ DRAKE

Drake promotion ends 06/30/03.

Order	Model	Regular	Comment	Price	Pg.
#0082	R8B	1469.95	Free Aero Book #0042	\$1469.95	11

## ▶ GRUNDIG

Grundig promotion ends 06/30/03.

Order	Model	Regular	Comment	Price	Pg.
#0800	Satellit 800	499.95	Free MiniWorld100 #4440	499.95	7
#3500	S350 Field	99.95	New!	99.95	6
#0400	YB-400PE	149.95	Free Stand #0022	149.95	6

## ▶ ICOM

ICOM promotion ends 06/30/03

Order	Model	Regular	Comment	Price	Pg.
#0208	208H	T.B.A.	New! Available 06/29/03	???.??	
#3450	706Mk2-g	1049.95	\$250 Coupon +RMK706	799.95	58
#0703	703 Plus	739.95		739.95	58
#0718	718	724.95	\$125 Coupon +UT106	599.95	58
#0074	746 Pro	1749.95	\$200 Coupon +PS125	1549.95	58
#1756	756 Pro II	2749.95	\$200 Coupon +PS125	2549.95	58
#1910	910H	1424.95	\$275 Coupon	1149.95	61
#2100	2100H-25N	179.95		179.95	61
#0272	2720H	389.95		389.95	61
#2481	Q7A	129.95	\$10 Coupon	119.95	64
#1002	PCR1000-02BON	399.95	\$25 Coupon +#0042	374.95	20
#3333	R 3-26	469.95	\$100 Coupon	369.95	18
#0005	R 5-06	199.95		199.95	19
#3550	R10-05	349.95	\$50 Coupon	299.95	19
#0175	R75	749.95	\$200 C +UT106 +#0042	549.95	10
#1850	R8500-02	1499.95	Free Aero Book #0042	1499.95	18
#4429	T2H Sport	99.95		99.95	64
#3052	T7H	199.95	\$10 Coupon	189.95	64
#0690	T90A	259.95		259.95	64
#0088	V8	164.95	\$35 Coupon	129.95	64
#4080	V8000	249.95	\$50 Coupon	199.95	61
#0838	W32A	269.95		269.95	65

## ▶ JAPAN RADIO CO.

JRC promotion ends 06/30/03.

Order	Model	Regular	Comment	Price	Pg.
#1545	NRD-545DSP	1799.95	Free JRC ST-3	\$1799.95	12

## ▶ KENWOOD

Kenwood rebate ends 06/30/03.

Order	Model	Regular	Comment	Price	Pg.
#1575	TH-22ATK2	\$219.95		\$219.95	63
#4211	TH-D7AG	349.95		349.95	63
#0066	TH-F6A	329.95		329.95	63
#3699	TH-G71A(H)	239.95		239.95	63
#2164	TM-261A	149.95		149.95	60
#4116	TM-D700A	519.95		519.95	60
#1621	TM-G707A	279.95		279.95	60
#3565	TM-V7A	409.95		409.95	60
#1862	TS-570D(G)	1069.95	\$100 Rebate+Heil GM4	969.95	54
#2519	TS-570S(G)	1269.95	\$100 Rebate+Heil GM4	1169.95	54
#1978	TS-2000	1749.95	Free Heil GM4 mic	1749.95	54
#2797	TS-2000X	2249.95	Free Heil GM4 mic	2249.95	54
#1937	TS-B2000	1549.95	Free Heil GM4 mic	1549.95	54

TS570D/S prices shown are after manufacturer's rebate

## ▶ SANGEAN

Sangean promotion ends 06/30/03.

Order	Model	Regular	Comment	Price	Pg.
#3505	ATS-505P	\$129.95		\$129.95	5
#3319	ATS-606AP	119.95		119.95	5
#0936	ATS-808A	119.95		119.95	5
#2754	ATS-818 SL	149.95	Free SWL Guidebook	149.95	5
#1069	ATS-818ACS	199.95	Free SWL Guidebook	199.95	5
#1909	ATS-909	239.95	Free SR25V AM/FM/TV	239.95	5
#4403	CC Radio+ GRV	169.95	Free FM Atlas Book	169.95	27
#4404	CC Radio+ SILV	169.95	Free FM Atlas Book	169.95	27

## ▶ TEN-TEC

Order	Model	Regular	Comment	Price	Pg.
#0320	RX-320	\$294.95		\$294.95	14
#0321	RX-320D	328.95	DRM Capable	328.95	
#0340	RX-340	3950.00		3950.00	16
#0350	RX-350	1199.00		1199.00	15

## ▶ YAESU

Yaesu promotion ends 06/30/03.

Order	Model	Regular	Comment	Price	Pg.
#2786	FRG-100B	\$599.95	Free SWL Guidebook	\$599.95	14
#3070	FT-50RD-41	269.95	\$50 Coupon	219.95	66
#1242	FT-90R	389.95		389.95	62
#3473	FT-100D	1149.95	\$250 Coupon	899.95	57
#0817	FT-817	759.95	\$100 Coupon	659.95	56
#2319	FT-840	739.95	\$100 Coupon	639.95	56
#1467	FT-847	1799.95	\$300 Coupon	1499.95	56
#0857	FT-857	829.95	New!	829.95	57
#0897	FT-897	999.95	\$70 Coupon	929.95	56
#1955	FT-920	1399.95	\$200 Coupon	1199.95	56
#2360	FT-1000MPv	3299.95	\$500 Coupon	2799.95	56
#2736	FT-1500M	199.95		199.95	62
#2800	FT-2800M	159.95	New!	159.95	62
#0890	FT-8900R	439.95	\$50 Coupon	389.95	62
#3120	VR-120D	204.95		204.95	20
#0500	VR-500	319.95		319.95	20
#0050	VR-5000	849.95	Free Aero Book #0042	849.95	20
#0176	VX-2R	179.95	New!	179.95	66
#1795	VX-5R BLACK	349.95	\$50 Coupon	299.95	66
#4430	VX-5RS SILVER	349.95	\$50 Coupon	299.95	66
#0777	VX-7R SILVER	369.95	\$50 Coupon	319.95	66
#0778	VX-7RB BLACK	368.95	\$50 Coupon	318.95	66
#3187	VX-150/64B	169.95		169.95	67



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