

E-VOX

The Official ***On-Line*** Newsletter of the



Lehigh Valley Amateur Radio Club - W3OI



Allentown, Pennsylvania - USA

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Repeaters

146.340/146.940 (PL 71.9)

147.735/147.135 (PL 167.9)



RACES NET

Every Monday at 7:30 (Local Time)

All are welcome !

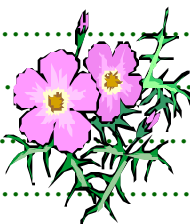


W3OI Home Page: <http://www.w3oi.org>



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**The May Meeting will be held at
the Red Cross Building on
Tuesday May 6, 2003 at 7:30 pm.**



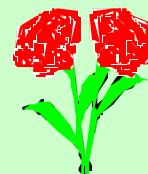
Program: Navy-Marine Corps. MARS by John (WX3W)



LVARC / RACES NET

Don't forget to check into the Monday Night
LVARC/RACES Net on 146.94 (PL 71.9) with an
alternate frequency of 147.735/147.135 (PL 167.9)
The Net begins at 7:30 pm local time.

**Many club announcements
will be heard there !**



Monday Night RACES/ARES Check In Summary 2003

<u>Month</u>	<u>Number of Check-In's</u>	<u>Number of Mondays</u>
January	86	4
February	94	4
March	85	5





This Month In Ham Radio

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				IPA CW Contest 1	MARAC CW County Hunter's Contest 2	Indiana QSO Party ARI Intl DX Contest 3
MS Walk Allentown Indiana QSO Party 4	ARES RACES Net 7:30 5	LVARC Meeting Red Cross 7:30 6	7	8	9	W3TEB's Ham Radio Auction 9:00 AM Oregon QSO Party 10
 Mother's Day 11	ARES RACES Net 7:30 12	13	14	 Full Moon 15	LVARC VE Test Session 7:00 pm 16	Baltic Contest 17
Baltic Contest 18	ARES RACES Net 7:30 19	20	21	22	23	VK-ZL Phone Contest 24
QRP Memorial Day CW Sprint 25	ARES RACES Net 7:30 Memorial Day 26	27	28	29	30	31

May 6, 2002 --- LVARC Meeting (MARS Program by WX3W)

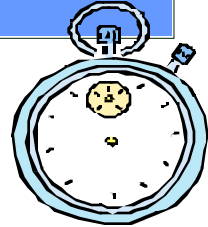
May 16, 2003 - LVARC VE Test Session

June 28 - 29, 2003 Field Day



Minutes of the March, 2003 Meeting de Rod (KB3HFZ), Secretary - LVARC

Lehigh Valley Amateur Radio Club (W3OI) Meeting Minutes



Date: April 1, 2003

Meeting Called to Order by President Miller at 1932 Hrs, EST.

Pledge of Allegiance and a moment of silence were held in observance of silent keys.

Sign-in Sheet Circulated, with 19 members and 1 guest in attendance.

50/50 tickets sold by Paul N0KIA.

Corrections/additions of minutes as printed in E-VOX.

No Corrections or additions

Treasurer's Report (Paul - N0KIA)

Ending Balance for March 2003 is \$753.47.

No questions or comments from the membership.

Committee Reports:

Repeater

Jeff N3MFT was informed of the sporadic noise and the occasional QRT of the 94 machine. Jeff will be looking into that problem and also reported that the temporary 135 controller is his and that is why it ID's as "N3MFT". The temporary 135 controller will be replaced with old City of Allentown gear; Jeff is currently gathering parts and crystals for the project. The phone patch will be operative after the upgrade to the next controller. No time line was indicated for this project.

Program

John Holmes, WX3W will provide an information session on MARS after the May business meeting.

Field Day

Greg KB3CKD will be sending out a mass email to poll club members as to their interest for field day. Greg is looking to compile information as to who is coming, when they are coming, who can set up, what they will bring, how long they will stay, and if they are interested in operating at night. Greg asks the cooperation of club members so that he can begin to plan the on-air activities. Greg also states that he regrets he was in the hospital in January, but would like to report on his meeting with the City of Allentown Parks Department. Greg met in December of 2002 with the Director of the City of Allentown Parks Department for approximately 15 minutes. Greg states that the Director of Parks conveyed to him that the

approximately 15 minutes. Greg states that the Director of Parks conveyed to him that the

LVARC / W3OI



E-VOX

City of Allentown would love for the W3OI club to be at one of their sites for a Field Day Event and the City would make it a "City Event". Greg reports that the club would receive some positive public exposure, but cautioned that we would have to change the way we are accustomed to doing field day. Greg would like the members to consider this for next year. There were some questions as to the operating class for this year; Greg reported that he is considering a 3A event.

Web Site

Paul N0KIA reports that the site is status quo and that Pay Pal is working. There has been at least one club member that renewed using Pay Pal on the web site.

OLD Business

President Miller reports that there is no old business.

New Business

Congratulations were given to Frank (W3FTU) on achieving his VE accreditation. Congratulations were given to Paul (N0KIA) for completing and passing his ARRL Level I Amateur Radio Emergency Communications Course ((EC-001). Thanks were given to Ed's wife for donating his Astron 35 amp power supply to the club. A plaque will be made and attached to the power supply in his memory. The June, 2003 meeting will include pizza one half hour BEFORE the meeting. Mark (AK3M) reminded members of Chris' presentation on Friday April 4. The April VE session will be moved to April 25 due to the Good Friday holiday. Mark reminded members of Harry's (W3TEB) public auction (see page 9).

The LVARC Monthly Business Meeting Closed at 2009 hrs, EST.

Motion by: Barry KB3FMI

Second by: Jim KA3UQP

In favor: ALL

Opposed: None, Motion carried unopposed.

Nightly Program:

Club member Lou Poli, KF2WO presented "The Super-Regenerative Receiver and its History".

Respectfully Submitted by Rodney J. Wolfe Jr, KB3HFZ, Secretary

\$\$\$ W3OI Finances \$\$\$	
Balance as of 3/28/2003	\$1753.47



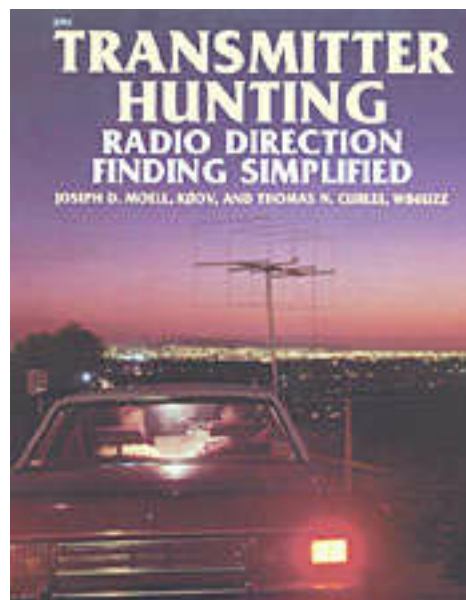
From the ARRL Bookshelf

Transmitter Hunting

-- Radio Direction Finding Simplified
by Joseph Moell, K0OV and Thomas Curlee, WB6UZZ.

All the information you need about equipment and techniques for HF and VHF radio direction finding. Transmitter hunting is both practical and fun. Using the information in this book, you can not only locate jammers and other sources of malicious interference, but you can also locate downed aircraft, engage in sport hunting, even help search-and-rescue groups save lives!

326 pages. First edition, © 1987. #2701 \$24.95



ARRL Vests


For new members or those who missed the first round, the ARRL has orange vests for sale. Many LVARC members ordered one to be used at RACES/ARES events. These vests allow easy recognition of communication event staff. Some members even put their call on the vest using large self-stick lettering.

With Spring and Summer events (ie. MS Walks) fast approaching, you may want to order one.

The price is \$9.95 each (plus shipping).

Ordering can be done

through <http://www.barkerspecialty.com/arrl>.

Item # ARES02	ID Vest
	<p>ARES Vest -- This reflective style vest is similar to the type you'd see police or runners wearing. Place this orange "bib" over your shirt or jacket. Constructed of neon mesh with large front and back reflector panels. Imprinted with the words "AMATEUR RADIO COMMUNICATIONS" on one side. Lightweight. Fold it up, and store this small handful in your immediate-response kit. Adjustable side straps. One size fits most.</p>



A Big TNX To KD3NH's (SK) XYL !!!!!

Among Ed's (KD3NH) estate equipment was an Astron 35 amp power supply.

As you know, the LVARC radio needs a power supply. After hearing this, Ed's wife kindly donated the Astron to the LVARC stating that, "Ed would have wanted that."

A plaque for the PS will be made in memory of the donation.

Is Your Name Missing from The Club Roster ?

If your name has been removed or does not appear on the LVARC membership roster, it means you have not paid your dues for 2003. Check the membership section of the club's web site to see if your name appears on the roll. If you forgot to pay your dues, send them to Paul (NOKIA) or pay on line at the web site !!!!

Too Punny

Two vultures board an airplane, each carrying two dead raccoons. The stewardess looks at them and says, "I'm sorry, gentlemen, only one carrion allowed per passenger."

A three legged dog walks into a saloon in the Old West. He slides up to the bar and announces: "I'm looking for the man who shot my paw."

Two Eskimos sitting in a kayak were chilly, but when they lit a fire in the craft, it sank proving once again that you can't have your kayak and heat it, too. **de Clarence (W3PYF)**

If we tweak the driven element and match the feedpoint impedance, I think we can improve the front-to-back gain significantly !!

Do we get fries with that?





Ham Radio Equipment (and more) **For Sale !!!!!**

'EVERY REGISTRANT HAS A CHANCE TO WIN A J-38 CW KEY.

PUBLIC AUCTION
ANTIQUE AND HAM RADIOS--TEST EQUIPMENT

PARTS AND ACCESSORIES Saturday, May 10th, 2003 at 9:00 AM.

Sale held at "THE ANNEX,"

22 Lehigh Street, Macungie, PA

Location is at rear of Buchin Hardware, 21 East Main Street

This is an over 50 year collection from an amateur radio hobby and an electronic service business. Antique and amateur radios, transmitters, test equipment, tube checkers, oscilloscopes, power supplies, speakers, wire and cable, antennas, electronic organ, misc. parts and tubes. Many items too numerous to mention.

Terms: Cash or PA check
Refreshments available
Auct's Mark "Dutch" Kistler-Kim Kistler
Pa. Lic. AU000 496L-AU00 3137L
Emmaus, PA Ph. (610)967-3584

Selling for:
Harry Buchin, W3TEB
Ph. (610) 966-500
E-mail: w3teb@enter.net

**Does the approaching Summer remind you of the
shore and lighthouses?**

You can visit/join the Amateur Radio Lighthouse Society!!!!



<http://www.arlhs.com/>



Calculations Web Site

de Jeff (N3MFT)

Below is a site for communications based calculators, conversion charts and converter programs available for use. Some of these are directly related to interest in communications and some are of indirect interest.

<http://www.csgnetwork.com/vswrlosscal.html>

DID YOU KNOW ...

The LVARC used to meet **TWICE A MONTH?**

In the mid to late 60's, the regular business meeting of the LVARC was held on the first Friday of the month. The "Activities Night" was held two weeks later on the third Friday of the month.



Why am I always the one who has to put up the Field Day antennas?



Memorial Day



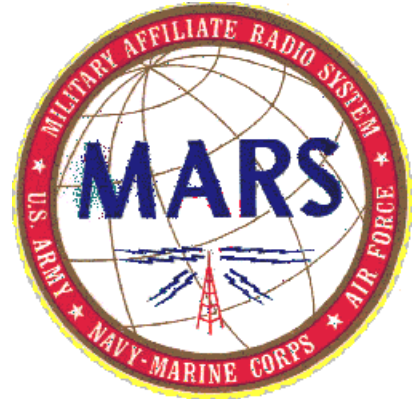
May

26, 2003





Navy-Marine Corps Military Affiliate Radio System (MARS) To Be Topic of May, 2003 LVARC Meeting



John Holmes (WX3W) will be the featured speaker at the LVARC's May meeting. John will speak about the Navy-Marine MARS and its implications to emergency communications. John's presentation will follow the regular business meeting.

*Do You
Have a
LION In
Your
Radio?*

(see page 13)



*"... and my
new antenna
is THIS BIG!"*





The RST (Readability-Strength-Tone) System (A Review)

The RST System of Signal Reporting has been used for years (circa 1934) as a shorthand method of reporting Readability, Signal Strength and for CW, Tone (i.e., quality of the CW tone). **For voice contacts only, the R and S are used.** The S component is usually not the same as your S-Meter reading as most S-Meters aren't calibrated to track the RST System. The RST is also reported on QSL Cards and must be filled in correctly -- e.g., a 569 report for a Voice Contact is invalid. Note that many DX operations and contest stations merely report 59(9) as a convenience to avoid having to log each of the real reports. A questionable practice but a fact of DXing/Contesting (from <http://www.ac6v.com/opaid.htm>)

READABILITY

- 1 -- Unreadable
- 2 -- Barely readable, occasional words distinguishable
- 3 -- Readable with considerable difficulty
- 4 -- Readable with practically no difficulty
- 5 -- Perfectly readable



SIGNAL STRENGTH

- 1 -- Faint signals, barely perceptible
- 2 -- Very weak signals
- 3 -- Weak signals
- 4 -- Fair signals
- 5 -- Fairly good signals
- 6 -- Good signals
- 7 -- Moderately strong signals
- 8 -- Strong signals
- 9 -- Extremely strong signals

TONE(used ONLY on CW)

- 1 -- Sixty cycle a.c. or less, very rough and broad
- 2 -- Very rough a.c. , very harsh and broad
- 3 -- Rough a.c. tone, rectified but not filtered
- 4 -- Rough note, some trace of filtering
- 5 -- Filtered rectified a.c. but strongly ripple-modulated
- 6 -- Filtered tone, definite trace of ripple modulation
- 7 -- Near pure tone, trace of ripple modulation
- 8 -- Near perfect tone, slight trace of modulation
- 9 -- Perfect tone, no trace of ripple or modulation of any kind



It is very common to send RST reports in abbreviated form, for example 599, is sent as 5NN. "N" in place of the number "9".



WILL HAM RADIO BE SHUT DOWN WHILE WAR IS DECLARED?

Some amateurs have been wondering if the FCC will shut down Amateur Radio during the war in the Middle East. The short answer is "no.". Read on.....

Just prior to the Gulf War, §214.4(b)(4) of Title 47 of the Code of Federal Regulations was deleted. This section had mandated the closing of all Amateur Radio stations except Radio Amateur Civil Emergency Service (RACES) stations in the event that the president proclaimed a war or national emergency. The last time Amateur Radio was shut down was during World War II, although the FCC continued to give Amateur Radio examinations.

While the Amateur Radio Service will not automatically be shut down if the president invokes the War Powers Act, Amateur Radio licensees must continue to observe any directives the FCC may issue in the interests of national security and of making spectrum available for government use.

The FCC is directed to work in coordination with the National Telecommunications and Information Administration (NTIA) to issue "appropriate rules, regulations, orders and instructions" for use of the spectrum "as may be necessary to ensure the effective use of those portions of the radio spectrum shared by government and non-government users." Amateurs share most UHF allocations with the US government.



From:

The ARRL Letter
Vol. 22, No. 11
March 14, 2003

Do You
Have a
LION In
Your
Radio?

(from page 11)



That Is, a

"Lithium-Ion." A type of rechargeable battery commonly used with radio equipment.



TNX to Frank (W3FTU)
for a web site for:

Discount Electronic Parts, Components,
Antennas, Accessories, and Connectors for
Commercial, Two-Way, HAM, and CB Radio.

<http://www.buxcommco.com>



Do you know that
at military funerals,
the 21 gun salute
actually stands for
the sum of the
numbers in the
year 1776?



CERTIFICATE for FREE TICKET

LVARC

W3OI

Present this completed certificate at the
May 6, 2003 meeting and receive a free ticket
for a special raffle !!!!! Must be present to win !

Name _____

Call _____





LVARC Members In The News



CONGRATULATIONS TO:

**Frank (W3FTU) who received
his ARRL VE Accreditation!**

Welcome to the LVARC VE Team Frank !!



**Paul (N0KIA) who successfully passed
his ARRL Level 1 Amateur
Radio Emergency Communications
Course (EC-001)!**





What The Troops Can Use



de
Mark
(AK3M)



A teacher at one of my schools has a son in the Army stationed in the Middle East. She sent the following list of items the soldiers, sailors, Marines would like sent to them. I thought I would pass it along.

hand sanitizer
baby wipes
disposable razors
suntan lotion (30 SPF - unscented)
chapstick (30 SPF)
candy that won't melt (NO chocolates)
chewing gum
canned fruit (with pull tab lids)
bug repellent (unscented)
magazines (news they get is always old)

It is important to have unscented items due to flies. Pack each individual item in ziplock bags as the sand gets into everything. Boxes may be no bigger than a shoe box.

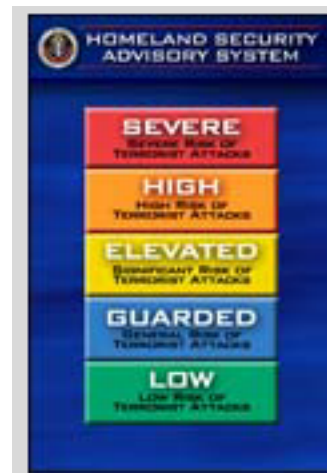


Emergency Preparedness

de Mark (AK3M)

Are You Ready? I received a very nice document regarding emergency preparedness from Jeff (N3MFT). This is written well and includes not only the obvious threat we hear daily but also weather related and natural disasters.

It is entitled, “**Are You Ready? A Guide to Citizen Preparedness.**” It is 112 pages long and is in a Microsoft Word document. Since it contains so much information, I cannot include it in the newsletter. If you would like a copy of this document or if you want it in another format (text or Macintosh), please contact me. I will e-mail it to you as an attachment - (AK3M@rcn.com).



Local Hamfests for May, 2003

May 4, 2003

Warminster ARC

Contact: Mark Hinkel, WA3QVU
1573 Fitzwatertown Road
Willow Grove, PA 19090
Email: hamfest@k3dn.org
Wrightstown (Bucks County), PA

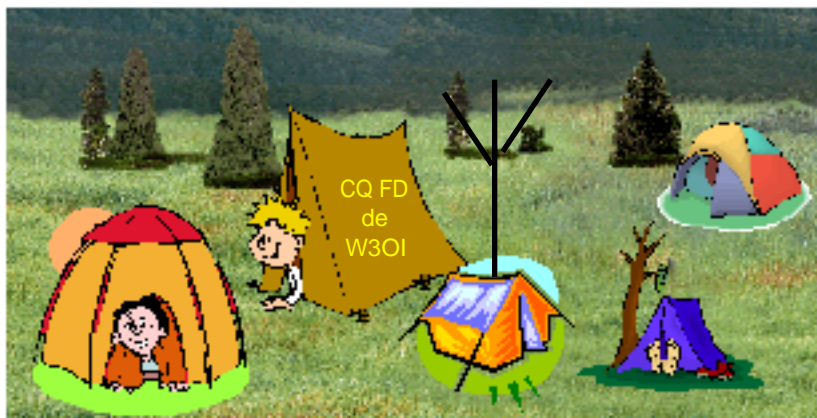
May 10, 2003

Appalachian AR Group

<http://www.aa3rg.org>
Contact:
Neil Shatto, N3JQM
1452 Mumma Road
Harrisburg, PA 17112
Phone: 717-469-7357
Email: n3jqm@juno.com



Field Day 2003



Collect your equipment, **pack** your gear, **grab** your lawn chair
buy your favorite beverage and **sew** the holes in your tent and sleeping bag as Field Day, 2003 quickly approaches!

Field Day, 2003 will be held at Camp Serranova on June 28-29, 2003. Like last year, we will be able to move into camp on Friday evening (June 27).

Field Day plans will be the program at the June, 2003 meeting. Don't miss out on a ham's biggest event!! Mark your calendar NOW !!

Trivia

Who was Edward J. Smith ?

(Answer on page 23)

- | | |
|--------------------------------|-------------------------------------|
| (1) the Captain of the Titanic | (3) the designer of the transistor |
| (2) the ARRL founder | (4) the first ham to receive a DXCC |



As a member of the LC RACES

You are invited to the

*2nd Annual
Lehigh County
Emergency Management Agency
"Summer Meltdown"*



*Saturday August 23rd. 2003
13:00hrs at the Soccer Field Pavilions
Broadway in Cetronia.*

*Bring a covered dish to share.
Burgers / Dogs and Soda will be provided.*

For More info contact the EMA office or
email cpost@lehighema.org or forrestwieder@lehighcounty.org



Mark your Calendar --- Clip and SAVE/DISPLAY



May, 2003

Sunday May 4, 2003 - MS Walk in Allentown

Monday May 5, 2003 - LC RACES/ARES Net - 7:30 pm

Tuesday May 6, 2003 - LVARC Meeting - 7:30 - Red Cross Bldg.

Monday May 12, 2003 - LC RACES/ARES Net - 7:30 pm

Friday May 16, 2003 - LVARC VE Test Session - 7:00 pm

Monday May 19, 2003 - LC RACES/ARES Net - 7:30 pm

Monday May 26, 2003 - LC RACES/ARES Net - 7:30 pm

June, 2003

Monday June 2, 2003 - LC RACES/ARES Net - 7:30 pm

Tuesday June 3, 2003 - LVARC Meeting - 7:30 - Red Cross Bldg.

Monday June 9, 2003 - LC RACES/ARES Net - 7:30 pm

Monday June 16, 2003 - LC RACES/ARES Net - 7:30 pm

Friday June 20, 2003 - LVARC VE Test Session - 7:00 pm

Monday June 23, 2003 - LC RACES/ARES Net - 7:30 pm

Friday June 27, 2003 - FIELD DAY - (Serranova - Arrival optional)

Saturday June 28, 2003 - FIELD DAY (Serranova)

Sunday June 29, 2003 - FIELD DAY (Serranova)

Monday June 30, 2003 - LC RACES/ARES Net - 7:30 pm

July, 2003

Tuesday July 1, 2003 - LVARC Meeting - 7:30 - Red Cross Bldg.

Monday July 7, 2003 - LC RACES/ARES Net - 7:30 pm

Monday July 14, 2003 - LC RACES/ARES Net - 7:30 pm

Friday July 18, 2003 - LVARC VE Test Session - 7:00 pm

*** Saturday July 19, 2003 - LVARC Annual Picnic (Details TBA)**

Monday July 21, 2003 - LC RACES/ARES Net - 7:30 pm

Monday July 28, 2003 - LC RACES/ARES Net - 7:30 pm

August, 2003

*** Saturday August 2, 2003 - LVARC Deep Sea Fishing Trip (Details TBA)**

Monday August 4, 2003 - LC RACES/ARES Net - 7:30 pm

Tuesday August 5, 2003 - LVARC Meeting - 7:30 - Red Cross Bldg.

Monday August 11, 2003 - LC RACES/ARES Net - 7:30 pm

Friday August 15, 2003 - LVARC VE Test Session - 7:00 pm

Monday August 18, 2003 - LC RACES/ARES Net - 7:30 pm

Saturday August 23, 2003 - LC EMA Picnic - 1:00 pm

Monday August 25, 2003 - LC RACES/ARES Net - 7:30 pm

**There will be changes in the schedule or events not listed here.
Listen to the net and read your e-mail for additional information !!!!!**



Toll Free Hot Line Number for Questions (de Jeff - N3MFT)

March 21, 2003

*From an e-mail from Corky Held
Lehigh County EMA*

PEMA has established a **Toll Free Hotline for RUMOR CONTROL**. You can now direct citizens to this number which will be in operation 24/7 and hopefully will assist in freeing up your phone lines. The number is:

1-800-932-0784

This phone line is also available for questions citizens may have regarding Operation Liberty Shield or potential threats in Pennsylvania.

?? IMPONDERABLE ??

**"How do you throw away
a garbage can?"**



CW Practice Available On-Line (de Don - KB3IVZ) -

You can go to: <http://www.mistupid.com/> and in the search box, type **Morse Code**. You will get a nice CW translator you can use for CW practice.



Monitoring The Iraq War

Clipped from "Popular Communications" magazine

(submitted by Paul (NOKIA))

As the world waits and watches Iraq, if you've got a shortwave receiver with sideband mode (USB and LSB) you can hear certain military communications related to the conflict including many long-distance GHFS (Global HF System) stations including Emergency Action Messages (EAMs) and Skyking messages which are high-priority messages for air and ground stations.

Frequencies to monitor (in the USB mode) include: 4709, 4724, 6712, 6739, 8992, 11175, 11271, 15038 (11175 is a very active frequency most of the time) Shortwave broadcasts from the Middle East that you can hear with a reasonable antenna include the following. Note that UTC (Universal Time) is 5 hours ahead of EST. Note that because the changing situation in the area these times and frequencies are subject to change; of course checking the frequencies from time to time is your best bet of hearing a broadcast.

Egypt, Radio Cairo on 9900 at 2315 UTC Iran,

Voice of the Islamic Republic, Tehran on 9022 at 1030 UTC (also on 9835 and 11970)

Iran also on 13730 and 13745 at 1330 UTC. Iraq, Radio Baghdad on 11787 (varies slightly to 11785) at 2000 UTC. Also check 15265, 15375, 15385, 21470 at 1100 UTC. Israel,

Kol Israel on 6280, 7475, 9435 at 0500 (also on 11605). Israel also on 15640, 17535 and 6220 at 2000 UTC. Also check 1700 UTC on 17545. At 1900 UTC on 11605, 15615 and 17545.

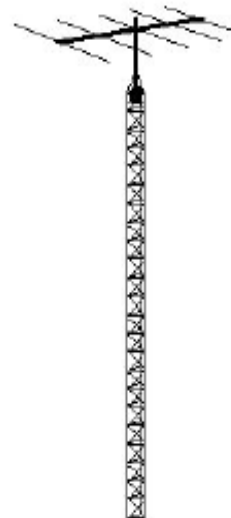
Kuwait (Radio Kuwait) on 11990 kHz at 1800 UTC. Also check 15110 kHz.

Syria, Radio Damascus on 12085 (and 13610 frequently) at 0500 and 2000 UTC

Turkey, Voice of Turkey, Ankara on 11960 and 12000 at 2100 UTC; on 6020 at 0400 and 2300 UTC

United Arab Emirates Radio, Dubai on 13675, 15395 at 0020, 1330 UTC; 15395 at 0030; 0200 on 15395 and 15370;

Larry (NR3R) adds one more: 1300 is commercial air craft flying into the middle east.





Now Shipping from ARRL: (from an e-mail dated 3/27/03)

ARRL Field Day T-Shirts and Pins. <http://www.arrl.org/catalog/?item=no-8899>. In stock now.

Experimental Methods in RF Design. Your communications experience <http://www.arrl.org/catalog/?item=8799>>begins here.

Super Frequency List CD-ROM. <http://www.arrl.org/catalog/?item=8841>>2003 edition.

Shortwave Frequency Guide. <http://www.arrl.org/catalog/?item=8856>>2003 edition.

Passport to World Band Radio. <http://www.arrl.org/catalog/?item=8833>>2003 edition.

ARRL Sportswear and Official Merchandise. Available from <http://www.barkerspecialty.com/arrl>>Barker Specialty Company.

ORDERING

Prices do not include shipping & handling charges, and are subject to change without notice. To order from ARRL, please use the links in this message to visit ARRL's secure online <<http://www.arrl.org/catalog/>>catalog. Or, call our Publication Team toll-free in the US 1-888-277-5289, Monday through Friday from 8 AM to 8 PM Eastern time [Outside US telephone (860) 594-0355]. ARRL publications are also available from your local <http://www.arrl.org/catalog/dlrsearch.phtml>>ARRL dealer.



ARRL

The national association for AMATEUR RADIO
225 Main Street, Newington, CT 06111-1494 USA



"Of all God's creatures there is only one that cannot be made the slave of the leash. That one is the cat. If man could be crossed with the cat it would improve man, but it would deteriorate the cat." -- Mark Twain

Answer to Trivia

Who was Edward J. Smith ?

(See page 18)

- | | |
|--------------------------------|-------------------------------------|
| (1) the Captain of the Titanic | (3) the designer of the transistor |
| (2) the ARRL founder | (4) the first ham to receive a DXCC |



PIZZA AT THE JUNE MEETING

Come to the June, 2003 meeting and hear about the plans for Field Day, 2003 !!!!

By the way, **pizza will be served at 7:00 pm, one half hour before the regular June meeting.**



DIRECTED NET In the LC RACES/ARES/LVARC Preamble, we always hear "This is a **DIRECTED NET** ..." Well, do you know what a **DIRECTED NET** is? ??? ... directed net: A radio net in which no station other than the net control station may communicate with any other station without first obtaining permission from the net control station. Note: A directed net is established by the net control station. The net control station may restore the net to a free net. [From Weik '89]
SOURCE: http://glossary.its.blrdoc.gov/fs-1037/dir-012/_1706.htm

CW Study Group

If you are interested in starting or participating in a CW "study group," contact Paul (N0KIA - N0KIA@arrl.net) or Lou (KF2WO) via e-mail or at a meeting.



Soldiers eat MRE's in the field.

For what does MRE stand ?

- 1) Meals Radiated for Eating .
- 2) Meals Ready to Eat
- 3) "My, this is Really Excellent"
- 4) Military Ready Eatables

ANSWER:

- 2) Meals Ready to Eat

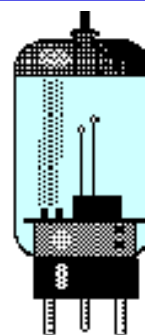




Amateur Radio Today, a CD produced by the ARRL, was sent to Paul (NOKIA). It is a 6.5 minute Quicktime movie on CD. It will be shown on a lap top at the May, 2003 meeting|



The 2-Tube Regenerative Receiver demonstrated following the April business of the LVARC, was a big success !!!!!!!!!!!!!!! **Lou Poli** (KF2WO) started his presentation with a brief history of receivers and the function of tubes. The glow was wonderful and brought back memories for many members. With a simple wire antenna, the turn of a few switches and knobs, the members were



treated to HF stations on several bands. Lou made his receiver for next to nothing gathering parts from his parts box and parts obtained from hamfests.

Lou, an electrical engineer for Agere, promised other demonstrations including one on *superconductors*. We welcome the future programs Lou !!!!

Who invented the battery and when ?????



de Larry (NR3R)

Answer:

Alessandro Volta
1880

Thanks to My Vest I was able to be seen and was able to effectively stop traffic for a short time during the Easton MS Walk. This was the first time I used the vest and was **VERY** glad I bought one (*Mark - AK3M*) !!!!!

