

ZERO BEAT

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SEMARA, W1AEC
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Meeting Highlights

Here are the highlights from the April 1st, SEMARA business meeting:

After the pledge and roll call, a motion to immediately adjourn the meeting was passed.

Next Meeting

The next SEMARA business meeting is May 6, 1993, 7:30 pm. The club meets every Thursday, with business meetings on the first Thursday of the month.

Mass QSO Party

The Boston Amateur Radio Club in conjunction with the Council of Eastern Massachusetts Amateur Radio Clubs and the Radio Clubs of Western Massachusetts is reactivating the Massachusetts QSO Party on May 8 from 1500Z until May 9 at 2100Z. In the past few years, the QSO party has not even been held.

If you are interested, and want the contest rules, check out the April QST.

Connector Standard

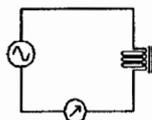
A standard 12-volt connector is being promoted by the ARRL, and many clubs in the area. The connector is a polarized 2 pin Molex 1545 series, rated at 8 amps. You can get them at Radio Shack with part number 274-222 for \$1 a male/female pair. They are also available at the MIT Flea Market for \$5 for 10 pairs.

The idea is to provide a standard for connecting between 12-volt equipment. With the power supplies having female connectors, and the rigs having male connectors, your friends can visit your shack and have no trouble hooking in!

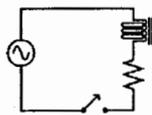
Inductance Quiz

Inductance is an electrical property frequently compared to mechanical inertia. To test your "inductance" knowledge, try these few problems. The answers will appear in next month's issue.

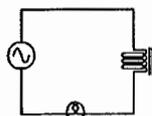
1. True or false: When the supply voltage has dropped to zero, current will continue to flow.



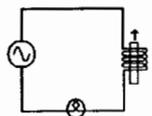
2. True or false: Upon opening the switch, a higher voltage will be developed for a higher resistance.



3. True or false: The lamp will glow more brightly by increasing the supply frequency.



4. True or false: As the iron core is moved out of the coil, the lamp will glow more brightly.



Electromagnetic Fields

The US Environmental Protection Agency (EPA) has called for "vast research on potential dangers from electromagnetic (EM) fields," according to the Associated Press (AP). "The EPA said that too little is known to gauge risks from exposure to sources ranging from power lines to everyday items, such as TV sets & hair dryers," the AP reported on Mar 2.

Human and animal studies were recommended "to try to determine how much impact EM fields have on human biological systems. Top priority should be given to possible cancer effects & changes in the body's functions and assessment of how much human exposure is potentially harmful," the EPA's Office of Research & Development said.

The report said that there's insufficient data so far on the relation between the length of time a person lived near or was exposed to an EM source & health effects.

New Section Emergency Coordinator Named

Terry Stader, KA8SCP, was named as Section Emergency Coordinator to replace Bob Mims, WA1OEZ, who is cutting back his ARES activities due to family responsibilities.

Bob has served in the SEC position for several years and has agreed to remain as a District Emergency Coordinator covering the southern part of the section where he also serves as RACES Radio Officer for MEMA, Area II.

Terry had been serving as DEC for the northern part of the section as well as RACES Radio Officer for MEMA, Area I.

Mystery Photo

Can you guess who's photo this is? He's currently a life member and holds an advanced license.



Last month's mystery photo was the infamous "Doc" Norman Riley, W1ATI. (The lethal weapon was, of course, his cane!)

Z-Signals (Part 2)

The following Z-Signals have been adopted for informal QSO use. (Z signals take the form of questions when followed by a question mark.)

ZSB - Am I boring you to tears? I'm boring myself to tears.

ZSC - What did you say your call sign was? I can't remember my call sign, or yours.

ZSF - Do you know what happened to Frank? I know what happened to Frank.

ZSG - Do you get an electrical shock when you touch a ground lug? I get an electrical shock when I touch a ground lug.

ZSJ - Does your spouse wrestle in jello? My spouse wrestles in jello.

ZSL - Is your spouse listening in? My spouse is listening in.

ZSM - Do you spend lots of money on radio gear? I spend lots of money on radio gear.

ZSW - So what, do you care? So what, I don't care!

Electronic filings

The FCC on April 1 changed its rules to allow for the eventual "electronic" filing of license applications in the private radio services. Currently all license applications must include a handwritten signature. Last October Congress amended

VE EXAMS

April:

24 Slatersville, RI Bob, 401-333-2129
25 Athol, MA John, 508-249-5905

May:

2 Cranston RI Jane, 401-725-8752
3 Cambridge, MA Bob, 617-593-1955
8 Braintree, MA Philip, 617-329-6446
8 Falmouth, MA Geoffrey, 508-548-0969
9 Gloucester, MA Al, 508-922-3307
12 Billerica, MA Bruce, 508-851-2886
13 Providence RI Judy, 401-231-9156
15 Melrose, MA Scott, 617-322-7654
19 Cambridge, MA Nick, 617-253-3776
23 Athol, MA John, 508-249-5905
28 Holyoke, MA Jim, 413-245-3228
29 New Bedford, MA Dave, 508-991-4291
29 Slatersville, RI Bob, 401-333-2129

Repeater Directory

145.150 - WA1DGW, Fall River
145.490 - KA1WBF, Fairhaven
146.700 - WA1RBT, Cranston
146.655 - WA1GPO, Falmouth
147.000 + W1AEC, South Dartmouth
147.135 + Taunton
147.180 + Bridgewater
147.315 + Wareham

442.200 + Fall River
443.450 + Westport
444.350 + W1ACT, Fall River

Know of any local repeater frequencies not listed here? Send them in to the editor!

the Communications Act of 1934 to allow electronic filing of applications, applications signed "in any manner or form, including by electronic means, as the Commission may prescribe by regulation."

Any changes to come will only be after the FCC has established procedures for

Calendar

May 1, 10a, VE Exams, So. Dart., MA
May 6, 7:30p, Business meeting
May 7-8, Hoss Traders, Rochester, NH
May 16, MIT Flea Market

Jun 3, 7:30p, Business meeting
Jun 6, Flea Market, Newington, CT
Jun 20, MIT Flea Market
Jun 19 & 20, MS Bike Tour
Jun 26 & 27, Field Day

Jul 1, 7:30p, Business meeting
Jul 18, MIT Flea Market
Jul 24, ARRL NE Div. Convention, NH

Aug 5, 7:30p, Business Meeting
Aug 15, MIT Flea Market

Sep 2, 7:30p, business Meeting
Sep 12, Ham Fest/Exams, Dartmouth
Sep 19, MIT Flea Market
Sep 26, Ham Fest/Exams, Framingham

Oct 7, 7:30p, Business Meeting
Oct 15-16, Hoss Traders, Rochester, NH
Oct 17, MIT Flea Market
Oct 30, National Exam Day

Nov 4, 7:30p, Business Meeting
Nov 13, Ham Fest, Plymouth

Dec 2, 7:30p, Business Meeting

To schedule your event, contact Mike Miller, N1ITQ, at 995-3633.

Packet Directory

144.990 NS1N
145.010 Fara Digi
145.010 KA1THM
145.570 WA1OAJ
145.530 KQ1K

electronic filing; for now amateurs, and all others, are still bound by the handwritten signature requirement.

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