

The RaRa Rag

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Manufacture and Application of Ferromagnetic Materials at RaRa March 7th Meeting

by Otto Bluntzer, WB2RJB
RaRa Vice-President

Ferrite beads, toroids, recording heads for disc memories and other ferromagnetic devices used in the electronics industry and by Hams will be the program topic for the March RaRa meeting.

Mr. Lee Vroom, Vice-President of Engineering from Ferronics Inc. an East Rochester based company, will show us how metal oxides and carbonates are made into a compressible powder from which these devices are made. This powder is compacted into dies where it is formed to the required shape and subsequently fired at a relatively high temperature resulting in a material which has both ceramic and magnetic properties.

Mr. Vroom will take us on a "Slide Tour" of the plant explaining the process and then will show us how to use some of these devices as in the application of ferrite beads for R.B.I. suppression. This is an excellent opportunity to fill in your knowledge of this commonly used material, without pouring through pounds of text books.

The March 7th meeting place is the Monroe County Farm and Home Center located at 249 Highland Avenue. Meeting time as usual is at 8:00 p.m.

APPLE COUNTRY AWARD CERTIFICATE

The Drumlins Amateur Radio Club, of Wayne County, is offering their Apple Country Award to all who work any four club members. To apply you should send your log information, plus \$1.00 and two \$.15 stamps to Mr. Fred Silfer, WA2REC, P.O. Box 22, Sodus, New York 14551. Fred was Chairman of the awards committee, and helped by Ron Faro, WA2MCB; and John Lincourt, WB2TRI.

Clara Reger, W2RUF, Is Killed

by Bruce Kelley, W2ICE, Club Historian

It is with great sadness we report the sudden death of Clara Reger, W2RUF, of Buffalo. She was struck in the Cheektowaga Thruway Mall by a car whose driver apparently was blinded by the sun. Clara was 82 years old.



Clara Reger accepting Amateur of Year Award at a recent Hamfest.

W2RUF was originally licensed in 1933 as W8KYR. A regular attendee at Rochester Hamfests, she volunteered in 1955 to handle the Western New York Code Championship Contest -- a job she had filled continuously for a total of 24 years!

Clara's contribution to amateur radio was recently recognized when RaRa honored her with the Amateur Of The Year Award. An ardent CW operator, she helped form several CW traffic nets plus a slow speed net. She was instrumental in setting up Novice Classes in the Buffalo area in turn produced hundreds of new amateurs. Her death is a great loss to amateur radio.

The RARA RAG

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From the President's Desk

by Alan Komenski, AC2K

Thanks to all who attended this years Dinner-Dance. The affair was again a big success. And a special thanks to Len Gessin, WA2ZNC, and his y1 for their assistance with the arrangements.

This month I will be appointing a nominating committee who will be charged with the responsibility of coming up with a slate of officers and directors for next year. The chairman of that committee will report to the membership at the April meeting. If you are interested in serving as an officer or director or, if you know of someone worthy of consideration, please let the nominating committee know. In addition to the slate offered by the nominating committee, there will be an opportunity for nominations from the floor both at the April and May meetings.

We are really getting on into the year now with events such as the Road Rally, the Hamfest, our elections, and of course the annual picnic not that far away. I hope all of you will plan to attend these events.

There are several matters of concern to the Amateur community which our legal committee will be looking at so they may formulate a response to the F.C.C. Among them are the pertaining and pending ruling on the use of volunteer examiners. The F.C.C.'s General Consul has ruled that the use of volunteer examiners may be in violation of laws governing the F.C.C. which have been established by the Congress you should be aware that no definite ruling has yet been made by the commission. You may continue to administer novice exams, etc, pending that final ruling.

Canadian reciprocal privileges are now in effect. It will no longer be necessary to obtain a permit from Canada prior to operating in that country. Contrary to what was originally announced, novices and technicians may operate on novice frequencies while in Canada, provided that they stay within the prescribed American novice sub-bands.

Looking forward to seeing you all at the March meeting.

AC2K

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FOR SALE - Kenwood model TS-700-A all mode 2 Meter Transceiver. Also Kenwood TV-502 2 Meter Transverter. Also a Drake TR-6 Transceiver for 6 Meters, AM/CW/SSB, 100 watts. Also a Robyn SSB cb rig, USB/LSB/AM, 40 channels. Contact Len Gessin, WA2ZNC, evenings at 248-2511.

CLUB STATION

by Ed Holdsworth, N2EH

The open house held January 20, 1980 at the Club Station was a well attended affair and reflects the work done in the past few months by many club members. We now have three consoles, which includes H. F., VHF, and Novice positions, plus two separate 2 meter transceivers. The tower installation which was completed in October includes a 55 foot tilt over tower with a TH-6DXX antenna for HF, a 2 meter cross polarized beam and a 2 meter vertical. New coax was installed to the existing antennas and spare cables were installed for future use.

A special thanks is due those that assisted with these projects as well as sorting out magazines, spare equipment and general clean-up to improve the appearance of the station. The following people have assisted: KA2CTL, KA2J, WA2s ZLU, EJU, UGE, SOK & YTM, WB2s IEY, RJB, ZJY, LHQ, FIE, W2s LC, EBF, K2s MP, UW, RJ, N2s BEH, BIR, AC2K, Doug Wilson and Tom Austin.

Still in the planning stages are 6 meters, RTTY and Oscar capabilities. If there are any members who would like to take part in developing these capabilities, contact any officer or board member. There is presently gear available for some of these that needs some work to make it operational and some that is yet to be acquired. If you can help, we would like to hear from you.

THE CHOICE IS YOURS...

by Rick, WA2RLQ

When a ham becomes interested in DXing to the point of collecting QSL cards, he will probably want to apply for one of the awards that are available these days. The DX awards that hold the most acclaim are issued by CQ and QST magazines with 73 magazine thinking of a possible DX award program in the near future. But the most prestigious and oldest is the DX Century Club Award issued by the American Radio Relay League. The award became available in 1945 and there are close to 13,000 certificate holders alone in the main class of issuance. Since 1975, there are three options that a ham can choose from when applying.

A certificate will be issued upon an applicant's submission to the ARRL of one hundred QSL cards based upon their listing on the "Official Country List." There are separate certificates for all contacts made on cw or ssb or for a mixture of both. With the worldwide DX activity as it is these days, working 100 countries separately on

cw and ssb is not that difficult. The fun begins when one becomes hooked on working DX and wishes to obtain those endorsement stickers that are issued for each 10 countries above the initial 100 that the certificate is issued for. Depending upon someone's enthusiasm, the greater the drive will be to paste those little devils on that certificate as quickly as possible. So when applying, it may be a wise choice to apply initially for a mixed mode certificate. This way you are not restricted in your mode of working that rare one when he comes along. Remember, all cards that are used in applying for the Mixed Mode certificate can be used appropriately later on for either or both the cw and ssb certificate.

The choice is yours, quantity then quality, or if you prefer, a perfect record in either or both. Just a reminder, there have been DX peditions in the past where there has been limited or no activity on one mode or the other. Give it careful consideration, so there won't come the day when the guy you need on Cray Island announces on ssb that a coconut just fell on the keyer and put the kibosh on the cw operation for the rest of their stay.

73's

FCC Exams at RaRa Hamfest

With the retirement of Joe Welch, responsibility for the 1980 Hamfest examinations has been shifted to the Buffalo F.C.C. office. Your application for appointment should be sent to the F.C.C., 1307 Federal Building, 111 West Huron Street, Buffalo, NY 14204. Your completed form 610 must reach the Buffalo F.C.C. office by May 1, 1980. Be sure to answer question 19 of this form with "Rochester Hamfest". But **DO NOT** mail your 610 to Gettysburg or Philadelphia. *Mail your 610 to BUFFALO.*

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HOW TO USE THE "FUZZ-BUZZ"

1. Announce your intention to use the "Fuzz-Buzz".
2. Let the repeater carrier drop in order to reset the timer.
3. Send tones and say "Radio Center, this is (your call)".
4. The dispatcher will acknowledge your call and ask for your information or he will send "... which means - *Wait - he is busy.* Do not transmit until he asks for information.
5. After you have finished, disconnect by sending the tones or ask the dispatcher to reset manually.
6. Sign off by saying "WR2AEI, this is (your call) clear."

Remember the next meeting is at the Pittsford Town Hall.

Urge your friends to help support the repeater by joining RRRRA. These repeaters are supported by RRRRA for the benefit of all area amateur.

Tnx RRRRA Newsletter

"33" to W2RUF

All who knew her appreciated her warm and charming personality. It is said that Clara originated the Morse Code signal "33", to mean Love sealed with friendship among YL's. Whenever a YL says "33" Clara will be remembered and loved. Thank you dear Clara, and "33" from many, many YL's.

*Lia Zwack, WA2NFY
Young Ladies' Radio League, INC.*

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The Radio Amateur's Journal

76 North Broadway Hicksville, NY 11801

WNY NEWS

by George Heron, N2APB

Hi All...

The WNY seems to have gotten off to a good start now that we've found a home on 80 meters. The main thing now will be to spread the word... especially to novices and to those who have lost touch with CW and want to get back into it. It appears that a slow speed net like the WNY is quite desirable...just have to let people know about it !!

Extra practice can be found nightly on the Empire Slow Speed Net (ESS) at 6:00 p.m. local on 3590 kHz. Try listening in...they're a great bunch and our procedures will follow theirs.

Thanks goes out to you, one and all. With your fine support we have a good nucleus to build upon, so all we need is numbers now.

Future code speed from net control (that's me !!) will be *computer sent* at 7 wpm. As we go on this may change but it's probably a happy medium now.

Join us Sundays at 8 p.m. on 3715kHz at 7 wpm.

73

CLUB ROAD RALLY "CORRECTION"

by Ed Holdsworth, N2EH

The date of April 27, 1980 that appeared in the February Rag is incorrent. After careful coordination with the Triumph Touring Club of Rochester, members of our club and myself tried to arrive at a good date. The above date was agreed upon. I Goofed — This is the date chosen for the Dayton Hamvention. They chose not to change - so instead - we did. After careful deliberations with almost every one - we have agreed on a new date. Sunday, May 4, 1980.

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Maritime Mobile Assistance

by Dwight B. Hill, K2KWK

Many of us have heard communications of an actual rescue at sea. Often the need is medical due to accident or illness. It is also often the need to avoid structural damage to a vessel. But the need can be the direct imminent survival of a persons life. And when you have a fire at sea you just don't escape to the yard or the street or stampede out of your car.

Getting fast help is the key element to retaining a life at sea. The lessons of the Titanic still apply today, even on the smallest of New York State Finger Lakes.

Which ever event is happening when your QSO is interrupted by a faint maritime mobile station who needs help, he will need you to be effective and quick. To do that you need to be organized and knowledgeable. You need to get information and relay it to the nearest U.S. Coast Guard Station. The following information has been obtained with the assistance of Chief Williams of the Rochester Station of the U.S. Coast Guard:

FIRST INFORMATION PRIORITY ORDER

Position of vessel. (If vessel underway get course, speed.)

Nature/Type of Distress.

Name of Vessel.

Number of people on Vessel.

Injuries

What Radio Capability of Vessel. (vhf, ssb, channels, etc.)

Type of Lifesaving Devices. (flares, flags, dyes, lights, etc.)

MEDICAL - EVACUATION INFORMATION

- 1.) Tell vessel to have life jackets on all persons.
- 2.) Tell vessel what you are doing with their information, what you will do to get help to them.

- 3.) Call the nearest U.S. Coast Guard facility or unit with the information, relay everything plus your name and phone number and note the time of notification.
- 4.) Maintain communications.

THEN

FIRST

Age and Sex of Person
Description of injury or illness
Rate of Breathing
Pulse Rate
Blood Pressure
Temperature
Any past medical history
Treatments initiated
Ambulatory or non-ambulatory

SECOND

Vessel course and speed
Vessel E.T.A. at next port
On scene weather and sea conditions
Vessel length and draft
Maintain communications

THEN

Pass on everything to the nearest U.S. Coast Guard Unit, plus your name and phone number, and note the time of notification.

This information is designed to quicken the right response to the right place whether by sea or air; and, whether or not there is anything to aid sighting survivors who might be not with the vessel. It is tough for the vessel operator to pass this to you due to numerous difficulties on board, (it's not his easy chair he's sitting on). You will have to be patient but clear and direct. If any other station has better reception accept the relay willingly.

Telephone #, U.S. Coast Guard at Rochester - (716) 342-4140.

Telephone #, U.S. Coast Guard at Buffalo - (716) 842-2000.

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FOR SALE - HW-16 Novice rig with VFO and manuals. Mint condition. \$133.00. Ray Roberts, WA2SSU, 225-2221 after 5 p.m. 544-3730.

RaRa BOARD NEWS

Our telephone is getting good use by those inquiring on how to start in ham radio, according to Jim O'Brien, K2UDP. Also, Jim and Paul Tanner, WA2MVK, are working on a RaRa public service announcement for TV use. Jim has been mailing and phoning RaRa meeting notices to local printed and broadcast media, about thirty different locations, but not all seem to appear.

Ed Holdsworth, N2EH, has been working on a novice-type road rally to be held April 27th, whether it snows or not! RaRa couples are encouraged to participate.

George Negus, K2OIU, was contacted by a local radio station to see if our members could provide that station with road and traffic reports on a regular basis. According to the rules for amateur radio both nationally and internationally, we will not get involved. George will inform them of the purpose of amateur radio.

George also reported not much activity between the "Sister-Cities", partly because of third party traffic restrictions.

FOR SALE - HQ100A All-Band Receiver - complete with manuals. Make offer. David Lustig, 442-1157.

FIELD DAY GROUP

To Be Organized by RaRa

June 28th and 29th will again see several groups from the Rochester area organized and in the field testing their capability as Hams to mobilize and provide emergency communications.

Two years back RaRa took a group to an excellent site near Naples for the event and again would welcome members to participate. An organizational meeting will be held at the K2JD Club Station Sunday, May 4th, 2 p.m., to discuss plans, assume responsibilities, and establish ground rules.

For additional information refer to QST for Field Day rules or call WB2RJB at 247-4976.

"CD FD 73"

FOR SALE - Icom Transceiver IC-211, all modes on 2 meters, with Desk Mic. Also a Mirage Amplifier model B-108 with a 12 volt supply. Also a Tempo Handheld FM-H with 8 pair crystals, nicad batteries, and rubber "duck" antenna. Also a Yaesu Communications Receiver model FRG-7. Contact Dave Tumser, WB2VWV, at 621-6677 after 6 p.m.

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