

SVARA Harmonic

A monthly publication of the Saginaw Valley
Amateur Radio Association

February, 2005

General Membership Meeting, January 7, 2005

The meeting was called to order at 8:00 PM. 27 members and guests were present.

Bill, WA8KFC moved to accept the treasurer's report as presented by Judy KC8BYI, Treasurer. Roger, KB8QO seconded. All were in favor.

The secretary's report was presented by Rick, KC8VOA, Vice-President and Bill, W8CWD moved to accept. After George, N8NPW seconded, it was unanimously accepted.

The minutes of the December, 2004 Board Meeting were presented.

Old Business

Antenna replacement was discussed. Arguments were heard on why we need 220. Joe, K8CQF made a motion that the club purchase all antennas and hardware necessary to fix all the antennas at all the repeater locations. Dave, N8REB seconded the motion. The motion passed with 2 nay votes. Carl, KC8YVI moved the club apportion up to \$2500.00 for this purpose. Joe, K8CQF seconded. 4 nay votes did not stop the motion from going through.

Joe K8CQF announced a meeting to discuss Broadband over Power Line (BPL) at Delta College on January 10, 2005.

Keith, N8XD, President, thanked the Repeater Committee for all of their hard work preparing their presentation.

Rick, KC8VOA, will conduct code practice 2 nights a week on the repeater.

Lee, KC8ITI was unable to attend our meeting, so Keith N8XD gave the results of the testing.

New Business

Robert, N8YXR made a motion to grant new class graduates a free membership for their first year. Joe, K8CQF seconded the motion. All were in favor.

Bill, WA8KFC proposed having class personnel announce the availability of the free membership to graduates. Jeff, KC8BDQ seconded. It passed unanimously.

Keith, N8XD congratulated Carl, KC8YVI for going from testee to tester in the course of one short year. Carl was a graduate of our class in December, 2003 and was a volunteer examiner for our 2004 class. A suggestion was made to honor him with a plaque. Everyone agreed.

It was agreed we would send Lee Hodges, KC8ITI a letter of appreciation for his continued support of our education and testing activities.

Bill, W8CWD requested more access to the radio room at the Red Cross. It was suggested we have a log book to track visits and usage.

After some conversation concerning club breakfast dates, Bill, WA8KFC made a motion to leave breakfast dates as they are, on the Saturday morning after the club meeting, at 9:00am at the Texan on State street. Robert, KC8YXR seconded the motion and all agreed.

Roger, KB8QO made a motion to register the club with E-QSL. Robert, KC8YXR seconded. It passed unanimously.

A work party was planned for the Red Cross radio room. The time and date were to be announced. Keith, N8XD informed the club that the Red Cross would be supplying us with an internet connection in our radio room.

Joe, K8CQF updated the club on ARES/RACES activities.

Bill, WA8KFC moved to adjourn. Robert, KC8YXR seconded. All were in favor.

Meeting adjourned at 9:31 PM.

Respectfully submitted,

Jeff Weirauch, KC8BDQ

Secretary

Board of Directors Meeting

January 18, 2005
American Red Cross

The meeting was called to order at 8:02 PM.

All board members were present.

Jeff, KC8BDQ moved to accept the December, 2005 board minutes as presented. Rick, KC8VOA seconded and all agreed.

The minutes of the January, 2005 general membership meeting were reviewed.

The treasurer's report from the January, 2005 meeting was reviewed.

Old Business

The club must update our MiARC Repeater Directory listing prior to April 1, 2005

We are still waiting for the Care Break forms to arrive.

Keith, N8XD asked Steve, KC8BTE about the progress of the 220 antenna fund raising effort.

New Business

Presidential Appointments

Judy, KC8BYI – Chairperson of the Board

Steve, KC8BT....E - Emergency Director

Joe, K8CQF – Public Information Officer

Repeater Committee – President appointed Brian, N8AVR; Trustee appointed Rick, KC8VOA; Board appointed Jeff, KB8SWR.

Trailer Committee - George, N8NPW; Jeff, KC8BDQ; Judy, KC8BYI; Ron, KC8YVF

Repeater Report

There was a discussion about the recently approved antenna purchase as Rick handed out a list detailing parts and antennas needed. That list also included information on some recent work performed at Rosein Tower as well as highlighted the need for tower repairs there. We also need to tune all three receiver sites with the club's spectrum analyzer so the voter at Rosein will work correctly. This will mean relying on our backup system in James Township for a period of time.

Would the club members enjoy a "Fox hunt video" as a program at a meeting?

Roger, KB8QO graciously agreed to fill the vacant board seat left by the late WA8LXX.

He then reported on E-QSL.

Judy KC8BYI made a motion to appoint Rick, KC8VOA chairperson of the 50th anniversary celebration.

George, N8NPW seconded, and all were in favor.

We need to form committees to gather SVARA history, secure finances, and plan Field Day, June 25, 26.

The board reviewed and discussed a list of tasks and ideas that Keith, N8XD presented.

It was asked if the club was interested in helping out with the MS Walk or Z-Bridge Walk (if held).

Special Board meeting Friday, Feb 4, 2005 at 7:15PM before the general meeting.

The meeting was adjourned at 9:08 PM

Respectfully submitted,
Jeff Weirauch, KC8BDQ,
Secretary

Birthdays

Feb. 2 Muriel Humbert, KD6TVY
Feb. 6 Robert Granstra, N8XH
Mar. 3 Dennis O'Connor, K8DO
Mar. 6 Howard Hannon, KD8DX
Mar. 7 Jerry Cox, WD8OQH
Mar. 11 Dennis Poletti, KA8PRX
Mar. 17 Bill Kosanovich, WA8KFC
Mar. 30 Tracy Albert, KC8YVE

Anniversaries

Feb. 28 Ed, W8HZF and Norma Ireland
Is March a bad month to get married in?

ARLB001 W1AW 2005 Winter Operating Schedule

Morning Schedule:

<u>Time</u>	<u>Mode</u>	<u>Days</u>
1400 UTC (9 AM EST)	CWs	Wed, Fri
1400 UTC (9 AM EST)	CWf	Tue, Thu

Daily Visitor Operating Hours:

1500 UTC to 1700 UTC - (10 AM to 12 PM EST)
1800 UTC to 2045 UTC - (1 PM to 3:45 PM EST)
(Station closed 1700 to 1800 UTC (12 PM to 1 PM EST))

Afternoon/Evening Schedule:

2100 UTC (4 PM EST)	CWf	Mon, Wed, Fri
2100 " "	CWs	Tue, Thu
2200 " (5 PM EST)	CWb	Daily
2300 " (6 PM EST)	RTTY	Daily
0000 " (7 PM EST)	CWs	Mon, Wed, Fri
0000 " "	CWf	Tue, Thu
0100 " (8 PM EST)	CWb	Daily
0200 " (9 PM EST)	RTTY	Daily
0245 " (9:45 PM EST)	VOICE	Daily
0300 " (10 PM EST)	CWf	Mon, Wed, Fri
0300 " "	CWs	Tue, Thu
0400 " (11 PM EST)	CWb	Daily

Frequencies (MHZ)

CW: 1.8175 3.5815 7.0475 14.0475 18.0975 21.0675 28.0675 147.555
RTTY: - 3.625 7.095 14.095 18.1025 21.095 28.095 147.555
VOICE: 1.855 3.990 7.290 14.290 18.160 21.390 28.590 147.555
CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM CWf =
Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM
CWb = Morse Code Bulletins = 18 WPM
CW frequencies include code practices, Qualifying Runs and CW bulletins.
RTTY = Teleprinter Bulletins = BAUDOT (45.45 baud) and AMTOR-FEC (100
Baud). ASCII (110 Baud) is sent only as time allows.
(continued)

Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

On Tuesdays and Fridays at 2330 UTC (6:30 PM EST), Keplerian Elements for active amateur satellites are sent on the regular teleprinter frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0100 UTC (8 PM EST) Thursdays and 0100 UTC (8 PM EST) Fridays.

In a communications emergency, monitor W1AW for special bulletins as follows: Voice on the hour, Teleprinter at 15 minutes past the hour, and CW on the half hour.

FCC licensed amateurs may operate the station from 1500 UTC to 1700 UTC (10 AM to 12 PM EST), and then from 1800 UTC to 2045 UTC (1 PM to 3:45 PM EST) Monday through Friday. Be sure to bring your current FCC amateur radio license or a photocopy.

The W1AW Operating Schedule may also be found on page 100 in the January 2005 issue of QST or on the web at, <http://www.arrl.org/w1aw.html>.

Thanks to Joe Turner, K8CQF, for the above information.

An article from:

Radio Broadcast, October, 1925, pages 743-744:

"Guiding the Good Ship Radio"

An Interview with W. D. Terrell, Chief Supervisor of Radio, Department of Commerce--The Radio Inspector's Relation to Broadcasting--The Amateur's Service to Radio--Elimination of Interference by Cooperation

By DWIGHT K. TRIPP

MANY people think that the amateur is a boy playing with a toy, and that he serves no useful purpose," says W. D. Terrell, Chief Supervisor of Radio, Department of Commerce. This is a mistaken idea. The licensed amateurs of this country number in their ranks doctors, lawyers, business men, engineers, and, in fact, men and boys of all ages and of all walks of life. Many of our amateurs are men who are seriously interested in the development of radio, and the boys, through their amateur training, develop into the most successful commercial operators. As amateurs these boys learn to adjust their sets properly, make repairs, receive messages under the most difficult conditions, and become generally self-reliant. They proved their value to this country as a reserve force during the late war. As a rule, they are law-abiding, unselfish, and anxious to cooperate with our branch of the government service to the fullest possible extent. This country has long appreciated their worth and it has extended to them privileges not enjoyed by the amateur of any other country. Recently, I am glad to say, other countries have begun to take a more liberal view of their activities."

Through the energies of the radio amateur, many new and wonderful discoveries have been made, among the most important of which was the discovery a short time ago that short wavelengths are more efficient than the longer ones. Through the use of wavelengths as low as three-quarters of a meter, amateurs have recently conducted two-way conversations over hitherto unheard of distances. W D Terrell

"The radio inspection service," says Mr. Terrell, "has done much for the amateur, by explaining that much of the interference attributed to the amateur by the broadcast listener, is, in fact, caused in some other way. Last winter, many complaints of amateur interference through the Middle West and in the Great Lakes region were received. Investigation by the inspection service disclosed the fact that nearly all of this interference was caused by commercial ship stations operating in the Atlantic Ocean and in the Gulf of Mexico. At that time, ship stations were permitted to use 666 kilocycles (450 meters) well within the broadcasting band. The situation was serious, and when it was brought to the attention of the Secretary of Commerce, a regulation was issued prohibiting the use of that wavelength by ships, assigning to them instead a wavelength of 706 meters (425 kc.).

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The first radio regulation was inaugurated in June, 1910, for the purpose of enforcing the installation of wireless equipment on certain passenger-carrying vessels. Since that time the Radio Inspection Service has developed into one of the most important branches of the Department of Commerce. Under the Act of 1910, the Secretary of Commerce and Labor organized on July 11, 1911, the Radio Service of the Bureau of Navigation. A subsequent Act, approved in 1912, stipulated that all vessels navigating the ocean or the Great Lakes and carrying fifty or more persons, including passengers and crew, be equipped with radio. An Act to Regulate Radio Communication was approved in August, 1912. Under this Act, transmitting stations and radio operators are licensed by the Department of Commerce.

THE RADIO POLICE

JUST as Ariel, in the fables of the Middle Ages, was a spirit guardian of the air, so in this day of wireless, the Radio Inspector, a modern Ariel, stands a silent watch over the ether. But though he may be silent and, indeed, an angel, he is far from a fable, as those who attempt to dispute his wavemeter soon find out. For the Radio Inspector, ready at all times to be of assistance to those who need him, is essentially a traffic officer of the air, and to him falls the tedious duty of directing the myriad of amateur, commercial, experimental, and broadcasting stations under his jurisdiction.

"The Radio inspector's work," Mr. Terrell continues, "enables the broadcast listener to receive programs without unnecessary interference. This is accomplished in part by the careful adjustment of broadcast transmitters to their assigned frequencies and to a constant inspection of these transmitters to insure their remaining so adjusted.

"The careful adjustment of commercial and amateur transmitters accomplishes the same results. Readjustments are necessary whenever it is found that one station is heterodyning another because of a slight change in the adjustment of the transmitter.

"Investigations of complaints of interference caused by electrical devices other than radio transmitters, such as, for instance, leaky power lines, magnetos on telephone lines, x-ray and violet-ray machines electrical precipitation plants, and so forth, are not controlled by the present radio law, but many of such sources of interference are eliminated through cooperation.

"Radio Inspectors frequently give short talks to audiences in the cities which they visit concerning the problems which they encounter in their work, as well as the problems of the listeners-in.

AND WHAT ABOUT THE FUTURE?

THE Radio Inspection Service has helped the commercial operator to maintain a high standard of excellence by providing examinations for commercial operators which only well qualified men have been able to pass. The results have been gratifying, for in the many cases of disaster to ships at sea, not one case has been reported where the commercial operator has failed to observe the orders of the master of the vessel, has failed to show the highest courage, or has failed to remain at his post until his duties have been fully performed."

No, the task of the Radio Inspector is not an easy one nor does it promise to be easier in the future. But as for the radio future, we can safely say that it will take care of itself, for it is in exceedingly competent hands.

Thanks to Joe Turner, K8CQF for the above article.

From the editor:

Once again the time of year has arrived when the new board comes into office and heads begin to roll. I tend to agree with the great new ideas and plans our elects have. And of all the ideas I hear each year, the one that sticks out in my mind is the need for more news in our newsletter.

This brings me back around to my perennial plea. All club members are cordially invited to submit any and all information, articles, ideas or just something that might be fun, to me (by email, snail mail, a phone call, smoke signals) for publishing. Please help make ours a first class newsletter.

Ed.