Ye T.A.R.C.

SARDINE WRAPPER

WN3COMQ

Vol. 2 No.3

NOVEMBER 1955

Published monthly by the Tamaqua Amateur Radio Club
TARC mmets every second and fourth Monday of the month
ARRL Affiliated
3860 Kc. Fone** Club Frequencies **3700 Kc. C.W.

EDITORIAL

Does anyone know what day it is?--Yep youve guessed it. Sat. October 29--1st day of hunting season and I don't mean DX hunting or QSO hunting--ZXF left for the fields and brush right after football practice this A. M. How many of you did? Your editor has been hunting too--Not for small game like ZXF or for QSO's, he's hunting for material for the Wrapper. Badly needed material for our paper.

Your editor just finished looking over the past issues of the TARC from the first to the last. It really was a dandy paper and I'll tell you why. A lot of time and labor went into the job. When the material did not come into the workshop, your EX-editor sat down and spent hour after hour of thankless work to publish that issue on time. He had help from only a very few members. Do I hear some snickering from the sidelines? Just try publishing a paper every month yourself and you'll get an idea of the hrs and the work that is involved.

Remeber the "Shack of the Month"? It was good stuff, eh?--How about "SWAP & SHOP--It saved some time sending away or traveling to a store miles away for certain items needed for your rig.--Saved some dough that way too--How about the TECH. INFO. printed. That helped us too--Everyone enjoyed Who's Who, and Back Lash--What happened to them? The same few run out of material. Come guys get together on this paper.

At press time the faithful few gather and go to work--Nest press date is November 27th--How about making a special note of that date and come up to the Press Room early in the afternoon and see how much work goes into the Wrapper. It takes time to gather material; and if none is at hand we have to compose it; type it--draw diagrams--run each sheet thru the mimeograph several times--Fold the paper--address evelopes, insert the Wrapper in envelopes. seal and stamp them--No brain or brawn is needed to seal an envelope yet it takes time and manpower--Two preceious things.

Its nice to sit back and get your TARC every month--read it & forget it. But there's a feeling of pride and ownership no one can take from you when you help to publish the paper and read the finished product.

Many of us would rather go game hunting, watch T.V.??or just nap on publisheing day and we could all do a little of it if more fellows sent in material and news for the paper. How about it?? Its for the benefit of the Club, which is a mighty fine and progressive club. Lets keep it that way. None of us are paid to serve on committees in our community and when we're asked we willingly do our share--Now the TARC is asking help from all of you.

Counting the membership we have it seems to me, if each one would write a note or paragraph on something interesting or comical that has happend to you during the month, that alone would be an interesting column for the WRAPPER. All of you hear or see something every month and you tell someone else--Well from now on "Tell it to the Editor or other staff members. The Editor will even go so far as to refund your 2 or 3¢ youve used to send in the news. Isn't that fair? Out of his own pockedt of course, not the Treasury.

As long as outside news does not come into the office, the Wrapper will carry the views of only a few...Then the hair flies... If you have anything to say--Say it in the Wrapper and we'll all benefit by it. What say fellas..if you want to have a good paper shoot the news and articles in. Help the faithful few who donate month after month.

73 s Wn3CMA

HINTS AND KINKS

Well its certainly been a few days since I last wrote a spell for our Sardine Wrapper and as your Editor In Chief or Chief Editor or what ever he is called, I heard him called worse but this ain't the time to write an article on that, asked me to do, so here goes.

First of all I was rapidly leafing thru QST the other day. You take notice rapidly is spelt with one p, I do like to certainly make sure my articles are educational as well as timely, and fell on an advertisement which read, "Do not hesitate to now mount your opponents in a corner of our new chassis as they are non renforced for same" "Now I never knew, that prior to this new type chassis, it could not be done. Why said I to myself, out loud, is this so wonderful? I heard the bell ring and light flicker as my brain started to figure and easier way especially one that cost next to nothing idea, to overcome buying a chassis. As my wife was out, I had to baby sit. Having nothing to do and being out of trouble and in Dog House for two days, it was time to get back in the groove again. My eyes felt on our new aluminium cake cover, I had a brilliant idea. Here is a chassis with no corners and besides would not every ham want a transmitter or power supply with a built in cake container. Think of the numbrrons times your fellow Hams have visitated you and you had to call your wife dear, to bring up the cake and coffee. Remeber how the ice dripped off her eye balls as she gently slamed the cake and coffee down in front of and all over your fellow Ham. Well now all they would get over them from now on is coffee depending on how hot it is and the color of his suit that ain't too bad. I intend too work on that coffee angle to so that by the time my shack is complete you all may not get coffee on you. The cake I'm not too sure of? Oh I have the transmitter built on the cake container but my wife won't talk to me. So, no cake as yet either. Well fellas, the morale of this article is you can't be a Ham and have your cake too.

TED THEODORE

73's fer now. COW

KEY KLIX

Candy Masaitis and Bar-B-Que Zimmerman are patiently waiting for their Novice tickets. Candy is building a 75 watt rig to start out with and Bar-B-Que has a new Globe Scout to bust the ether wi. Good luck fellers. ZRQ is in the process of going on Foney in the near future, Yep you guessed it, he is building a modulator for the 300 watter. You think you have it tuff at times, how about his neighbors when he gets the tonsils going. PTM still hasnt any nice vertical sticking up from the back of that nice new Plymouth. Whats the matter Hub? Guess he needs some suggestions from the gang. Speaking of mobile work, we hear that YXS is doing a nice job on 10 with his new mobile rig. COW has the Viking Ranger all set to go and is waiting for a nice Sunday for the gang to help get his sky wire up, more QRM for the Novice band. Hi. CSR is going to town since he got his Novice ticket and works lots of the boys after midnight, nice going Harry. ZXF is still QRL football and school activities but only 2 weeks of football remain then we expect to hear that nice fist going to town again. CMA is doing a nice job with his lil 6L6 final and now gathering parts for a new 500 watt final--glad we all don't live in the South Ward. RZV is having a swell time with his new B&W rig and recently worked his first DX on 15 with it. AKF is still QRT, seems he is unable to get the bugs out of that Elmac. Come on Marvy, get on with womething. The ole 75 meter band seems lonely since the high frequencies are getting hot. ZPW spent a lot of time helping COW get the Viking wired and they did a swell job of it, come on Roy lets hear some QRM from the New England Valley. KJJ has been knocking the DX off on the 80 meter band so fast that they will have to put an extra mail man on the route to deliver all those hot DX QSLs Hi. The boys from Schuylkill Valley are doing a nice job with the code and the TARC will soon have some more Novice ops in the ranks, keep the ball rolling boys, Tamaqua is a small town in population but plenty big when it comes to Ham Radio.

CAR - LE BRIEFS BY BNR

YAZ et BNR recd Certificates of Merit which were awarded "in recognition of public services rendered during the hurricane, Aug. 55 BBS now QRO to 500 watts with BC610. Jim found out an antenna 120x 60 feet long on two legs fed with coax in between dont work so gud. RQK now a happy civilian, we hope to hear a lot from him on 75 7 10 mtr fone. BNR took tenth place July CD QSO party foney operation. 2nd in E. Pa. area. Oct. Ed racked up 13,485 points. During wkend of Oct 23 BNR worked Calif.,S.Dakota, Idaho for best DX,75 fone.

TELEVISION INTERFERENCE (TVI)

As one of 190,000 licensed radio amateurs in the United States and/more than 150 in Carbon County, I want to explain the matter of television interference or "TVI" as it is called in "ham" jargon.

Every "ham" is required by the government to pass various examinations in order to qualify for the different types of licenses. These stringent exams are designed to test the applicant's fittness and knowledge, not only of operating procedure but also radio theory. The Novice license is issued for the period of one year only, and serves as an apprenticeship with limited privileges. This leads to the General Class license which demands extensive know-how. Said General Class license is earned the hard way and I am sure that no amateur would do anything which would jeopardize that license.

The fact that the Federal Government does go to the bother to maintain records, issue licenses, conduct exams, all to encourage the field of Amateur Radio, shows that our Government realizes the value of experienced radio technicians not only in war time but in times of peace. I might add that almost all electronic discoveries have been pioneered by "hams."

I don't think that I have to go into the thousands of cases of meritorious services by amateur operators in times of disasters. To touch home, the Schuylkill and the Lehigh floods saw many of our brethren give endless hours of their time often at great peril to themselves. These are not children playing with toys.

To get to the point, operation of a radio amateur transmitter will under some conditions produce interference in TV sets. However, the Federal Communications Commission has found in most cases the fault has not been with the transmitting equipment but in a faulty TV receiver.

Most present day TV receivers are subject to interference when in proximity to a radio transmitter such as police radio stations, fire house radio stations, amateur radio transmitters, diathermy equipment, etc., unless the particular TV receiver is equipped with proper filters. The television receiver manufacturer views the requirement of these filters on a nationwide basis of TV receivers manufactured and sold, and since each and every TV receiver may not be subjected to said interference it would appear that the omission of these filters at the receiver manufacturing and assembly point is an economic compromise.

The most obvious indication of the need of a filter is that the televiewer experiences the interference on more than one channel or on all channels when a radio transmitter, amateur or otherwise, is in operation. Putting it another way, if you are experiencing interference on more than one channel or on all channels, it will be necessary to install a high pass filter to clear this type of interference regardless of what type of radio transmitter is in operation when the interference occurs.

In view of the foregoing it is suggested that if a TV owner suffers interference he should have his service technician install a high pass filter wired directly across the primary winding of the radio frequency input transformer on his TV receiver. These filters range in price from $1 to $4 and in most cases can be supplied by the manufacturer of the TV receiver or a local representative. The amateur is under no obligation to pay for or install this filter.

Another type of common interference is caused by amateur operation in the 21 megacycle band. Many older TV sets still being used have an intermediate frequency stage which falls in that band. Long ago, the FCC requested set manufactruers to cease building sets with a 21Mc. intermediate frequency as that band is legally assigned to the amateurs. Most recent TV sets have IF stages in the 40 Mc. vicinity and are not troubled. However, if your set is one having a 21 Mc. IF, legal operation of an amateur transmitter in the 21 MC. band may destroy the picture, overload the sound system, and produce severe interference. The FCC states that legal operation by an amateur in the 21 MC. band causing interference to a TV set with a 21 Mc. IF stage is the fault of the TV set. The amateur has no obligation in such a case. A serviceman can realign the TV IF to another frequency to alleviate this condition.

Harmonic radiation can also cause interference but most "hams" go to great measures to suppress such spurious signals and the FCC maintains a monitoring service which quickly puts a halt to any such activity .

Again, we repeat that in over 90 per cent of the cases the fault will lie in the TV receiver.

If one lives near a hospital and experience reception difficulty because of diathermy equipment in the hospital, is he going to request that the hospital cease operation? If automobiles cause a faulty TV set to flutter, roll, or buzz, is the owner going to have the street blocked in front of his home? The same holds true for amateur interference caused to a TV set. It isn't supposed to pick up the amateur!