40M ... 11 K ... N5GAP

The 3905 Century Club's

CENTURIAN

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VX's Corner

A few points to make your photos great

The 3905CC *Centurion's* readers love to see pictures of the voices on the net, but the newsletter printing process can nearly destroy what might have looked like a great photo.

The effect becomes worse when we try to convert a color print to B&W.

It's time for a simple Kodak school review.

The best time to take photos is on a lightly cloudy day with no harsh shadows ... next best is in the morning or afternoon as the photographer stands with his back to the sun. This kind of lighting provides an even light over the subject and reduces the blanking out effect of shadows.

In midday situations where the sun is directly overhead, we often see dark shadows over people's eyes (in the business, we call that effect "raccoon eyes"). Obviously it doesn't look good.

Stay pretty tight to the subject because the larger the image on the film, the better the details in the photo.

For example, if you are taking a shot of a person sitting at a station, there may be very little to show below the table top ... so come right in and fill the viewfinder.

Most people naturally tend to center someone's face in the viewfinder and waste half the shot with blank ceiling or sky. It pays to move the camera around a bit so that as much good stuff as possible, as well as the person, will be captured on film.

People look best when the camera angle is eye to eye. This means that if you take a picture of someone sitting

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QSL records, Part 2

Based on the responses from Centurion's readers, we see that one of the benefits of belonging to the 3905CC is the opportunity to solve a complex data handling problem.

Lots of people have developed lots of ways to keep track of contacts and award requirements. This issue continues to examine the variety of methods available.

Don't overlook the C-64

By Wayne, WI5E

For many years, I used the pencil and eraser method of logging stations I had worked. It was not until I began trying to put together a list for an award that I realized how confused my records were.

The only computer I have is a Commodore-64. Some people may scoff and say: "Why don't you get a real computer?"

But the C-64 with its 64K RAM is a real computer and now after 10 years since they were introduced there are hundreds of thousands still around.

The programmer who knows what he is doing can create a program which runs very, very fast and holds an adequate number of records. The C-64 may not compete with the PC-compatibles ... but if you take the price into consideration they can be competitive in many applications.

I wrote a simple program to track 3905CC contacts. Because the screen line is 40 characters long, that became the right length for each record. There are two versions: One lets you enter up to 40 characters of information about the station you work (this handles call, state, name, date, net, QSL information, and some other things), the other is a 25 character version which gives room for call, state, name and date. The advantage of the 25 character version is about 2000 calls in the file.

Both programs allow the users to find the calls of stations as they check into the net and you can find each one before Net Control says the call twice! If a call is not found, you can enter it right then. Searches are available on the call, state, name date worked, mobile, YL, combo status and other data. Hamfile also includes a number of support programs which allow sorting and printing of all, some or just those records searched for.

If a file becomes full (after three years, mine isn't) you can transfer certain data into another file automatically.

And the program can be used to file and find anything you desire from books to quotations to phone numbers to bank checks.

Although the biggest problem is the vast number of printers out there, Hamfile is compatible with just about any brand.

[See Subscriber Notices on page 8 for ordering info.]

Has WJ2O covered all bases?

By Vic, K1IVX

While at Dayton we ran into Dave, WJ2O, and his sidekick John, WB2K, at WJ2O's booth in the hall. Let me say that it was quite a surprise when John typed my call into Dave's database and more than a half-dozen of my contacts from the net popped up.

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AWARDS UPDATE

Net Controller's Award
W4BKP

CW NET 100-PT: #47-N4VZZ; #48-NV7R; #49-KG7KO; #50-KB0FUO
CW-Nomad: #3-KE6BV;#78-N0NYG; #79-N0LYK; #80-WA4REE; #81-N0PHF; #82-W1BYH
160M-WAS: #369-KE6BV

75M 100 POINT

#1836-KF0UN; #1837-W8TVT; #1838-WA1ITZ; #1839-W5OXA; #1840-N1LMM: #1841-N8IFS; #1842-WV3A; #1843-KD4JHO; #1844-KB7MUP; #1845-N4YXW; #1846-WB4UIC; #1847-KE8XY; #1848-KB2R; #1849-KB0FUO; #1850-KO4PY; #1851-KO4VT; #1852-KO4NL
75M-500 Pt.: K0IFL; N1LMM; W5OXA; KB2R; WK7C; KC8XS; WK7C; KC8XS
75M-1000 Pt.: #294-WY8V; #295-WY8J, #296-K0IFL; #297-KC8XS
75M-3000 Pt.: #17-W0ZTP
75M-4000 Pt.: #7-KF9GP; #8-KE6BV
75M-Alphbet:#134-WY8V;#137-VE3LRL
75M-Bakers Doz.: #186-KD1BM
75M-Bak. Doz. Mob. End.: 2-WB9FRF
75M-Cert. Hunter: #101-W8UE; #102-N2LTC; #103-KF2CB; #105-VE3LRL
75M-Journeyman: #19-KE6BV
75M-Nite Owl: #108-KA4BHL; #109-KF2EY; #110-KC4WSB; #111-W1BYH; #112-VE3LRL; #113-N0LYK
75M-Nomad: #18-KE6BV; #19-WA4REE; #20-KC4WSB
75M-Nomad 200 End.: AA8DP
75M-Prefix 400 End.: W4BKP
75M-VIP: #354-WU2M; #357-W8UE; #363-KD1IA; #364-VE3LRL
75M-WAS: #362-WD0CKC; #365-N5OHL; #368-KC4WSB; #371-AA8BX; #372-WY8V; #373-N8IFS; #381-VE3LRL; #382-WA4REE; #384-VE3RPS
75M-WAS 40 End.: WY8J
75M-WAS W/VE End.: N0PHF

40M 100 POINT

#1517-WD0CKC; #1518-N4JRG; #1519-KB1VU; #1520-AB6EN; #1521-N7UPA; #1522-WA7RIP; #1523-KL7IYD; #1524-VK5AAE; #1525-VK5AID; #1526-KN4VV; #1527-WA4ERU; #1528-KB9CMW, #1529-KF0WZC; #1530-WB4FBS; #1531-W4XK; #1532-WB9OLE; #1533-KB8ESY; #1534-N2EUW; #1535-N5TUW; #1536-N5EYD; #1537-N1LMM; #1538-KI6D; #1539-KB7JIB; #1540-WB0VHP; #1541-K0IFL; #1542-N2LTC; #1543-KG7OU; #1544-KF7JS; #1545-KO4SU; #1546-KB5WT
40M-500 Pt.: WD0CKC; WB4EVH; KF0UN; NV7R; KA4SLQ; N1HRL; KL7IYD; KB2FTP; AB6EN; W5OXA; N7UPA; KA2BEE; KB9OCMW; WY8J; KD1A; WA7RIP; WB4FBS; AA0DX; KF0WZ; AB4ZO
40M-1000 Pt.: #262-N0NYG; #263-NV7R; #264-KF9ID; #265-K2LJJ; #266-N0MFJ; #267-K3GWA; #268-WY8J; #269-KG0UN; #270-WB4EVH
40M-2000 Pt.: #79-VE4FJ; #80-N7DZK; #81-KF9EB; #82-KB5GVR; #83-KC1NA
40M-4000 Pt.: #18-N8IFS; #19-KD5YQ
40M-5000 Pt.: #12-N8IFS
40M-6000 Pt.: #8-N8IFS; #9-K6FO
40M-7000 Pt.: #5-N8IFS; #6-K8MZA
40M-8000 Pt.: #3-KE6BV
40M-9000 Pt.: #2-K0AFY
40M-11000 Pt.: #1-N5GAP
40M-Alphabet: #131-N0NYG, #132-KB0IDI, #133-WB4EVH; #135-WY8V; #136-N5OHL
40M-Bakers Doz.: #187-N0NYG; #188-W4BKP; #189-KC1NA; #190-WA2HWG; #191-KI5RN; #192-KO4SU; #193-N0LYK; #194-N4ZKI; #195-N4ZKI
40M-Bak. Doz. Mob.: #47-W1XN; #48-KE6BV; #49-WB8MPU; #50-AC4GX; #51-AC4GY
40M-Bak. Doz. Mob. End.: 1-W1XN; 2-WU9T; 3-W1XN
40M-Certificate Hunter: #98-N0LYK; #99-KC1NA; #100-KI5RN; #104-KF0UN
40M-Journeyman: #12-KE6BV; #13-KC1NA; #14-WB4EVH (with Expert)
40M-Journeyman Expert End.: KC1NA
40M-Nite Owl: #78-KF0UN; #79-K3GWA; #80-VE7JMC; #81-WY8V; #82-N0LYK; #83-VE3PYJ; #84-WD0CKC; #85-WA7RIP; #86-AA0DX
40M Nomad: #39-KF0UN; #40-KB0IDI
40M Nomad 200 End.: N0LYK
40M-Nomad 500, 600 End.: W1XN
40M-Numbers Racket: #18-KC1NA; #19-KI5RN
40M-Poker Player: #9-W4BKP; #10-KD1BM
40M-VIP: #353-AH6JG; #355-WY8V; #356-WY8J; #358-WA4ERU; #359-KB8ESY; #360-KB5WH; #361-KF0UN; #362-WA7RIP
40M-WAS: #363-WD0CKC; #364-WA4UIC; #366-W3YNI; #367-N3FCW; #370-KA4SLQ; #374-KF9ID; #375-WY8V; #376-VE7FYQ; #377-W5OXA; #378-WA7RIP; #379-W5UMB; #380-KF0UN; #383-AA0DX
40M-WAS End.: KB9CMW
40M-WAS 2-Ltr. End.: N0LYK
40M-WAS Caps.: #319-VE3PYJ; #320-WY8J; #321-KG7KO; #322-KC1NA
40M-WAS Caps. 45: WY8J
40M-WAS YL: #33-N7LZK
40M-WAS YL 40: N7UDT
40M-WAS W/VE End.: KA4SLQ; WY8V
Call Sign Changes: NJ1Y now WW1I; KA8BQA now AA8BX; N1LMM now KD1IA; KB7EOU now KG7ZG; N0HHJ now AA0ID

Make photos

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at a desk, the photographer should take the picture also sitting.

It's really optional whether you have people staring into the camera or not, just as long as there's enough face so that we can recognize the person.

When using a flash, just remember that the subject(s) should be a reasonably equal distance away from the flash. Anything in the foreground may end up overexposed; anything four or five feet in back of the subject will start to become underexposed.

With these modern auto exposure and auto focus cameras many more pictures come out fine. Just be careful that there is no bright light behind a person.

Professional photographers (those that don't have to pay for film and processing) love to overshoot. We talk about shooting ratios of 1 to 35, 1 to 100, etc.; and that simply means to get one good shot, we may take as many as 35 or 100 snaps.

And then when we get into the darkroom, we can manipulate the print to make up for exposure problems. That kind of custom treatment is not available at the local drug store.

And just one final item. Almost every QSL card company can add a B&W photo to your QSL card for under $10.

Even a marginal photo on a card is better than no photo at all. Everyone likes to know what the voice looks like. It doesn't have to be a shot at the station ... anything that adds that personal touch is great.

If you have a photo, but don't know if it's good enough for a card, send it to me with a SASE and I'll critique it for you. I look forward to seeing you!

73 ... Vic ... K1IVX

WJ2O program has versatility

(continued from page 1)

I also received two very strong complimentary notes from Ben, NY9L, and Kal, N1ABY ... both happy users of the WJ2O Master QSL Logging Program.

If you have a PC-compatible with a hard disk and are looking for a pretty comprehensive program that also appears to be written with the 3905CC in mind, this program could be your answer.

"The net operation part is slick. While taking a list, the computer checks to see if I have worked the station on that net, looks up their name and displays it automatically if I have worked them," explains NY9L.

"There are six net codes that users can set. I use them for the 40, 75, (early/late) and 160 nets. I could use the program for OMISS or any net I want, but it really fits the 3905CC.

"Your check-in number, NCS, time, and other features are right there. You can also look up a person, without leaving the net feature, to see if cards have been received for any other contacts with that person, if your have QSL'd, and when you worked," wrote NY9L.

In addition, adds N1ABY, the user can separate contacts into separate printable lists (you specify up to 14 data fields), search and select contacts by different variables, and pull down lists of state capitals, DX countries, etc.

WJ2O humbly points out that its main feature is its ability to import files from a wide variety of other "competitive contest and logging programs," as well as Lotus 1-2-3 and straight ASCII files.

For the well versed HAM the program will instantly identify the name of the DXCC country once the call is entered. It prints QSL cards or labels, offers adjustable colors on color monitors as well as working on a monochrome monitors, uses self explanatory menus, includes a 30-page manual, and even gives the time around the world.

The price is $39.95 from WJ2O Software, P.O. Box 16, McConnellsville, NY 13401.

Rain forced the mini eyeball at Dayton to move into the main hall.

Thousands of miles traveled as 3905ers arrive in Dayton

While the weather was cold and often wet, the dedicated 3905 representatives to the Dayton Hamvention picked up some good deals from shivering fellow HAMs eager to sell out and go inside to get warm.

And while we were at it, we met some of the voices from around the country.

Parking was not as bad as advertised, especially for early arrivals; the sessions offered something for everyone ... even if it was just someplace to rest; but the long lines in front of the Porta Potties made planning a must.

In attendance, for the record, and in random order were: AA8DP, N8JZH, WB2K, WJ2O, WJ1V, KF9EB, AA5MP, N2EVW, VE3PYJ, WB2JKJ, N9OJV, WB9OLE, N0PHF, N9NHJ, N9LVW, KA4TLC, NC8U, K6FO, AB4ZO, WY8J, K4YFH, and K1IVX, among others.

Next year someone said they would look into a formal meeting room, as the guard at the door became quite upset as the 3905 crowd closed off her entrance area.

Logger built just for 3905ers

Jim, N7UPA, sent the *Centurian* a copy of his new IBM-PC program that he wrote as a dedicated logging program for 3905CC operations.

While it doesn't have all the bells and whistles of the WJ2O program, it is very effective for standard operations.

It handles award tracking, dupe checking, QSL information ... and is simple enough so that you really don't need to spend a lot of time learning it.

Jim classifies it as shareware and charges $5 for the 5-1/4 disk post paid. See his ad in Subscriber Notices on P. 8.

Communications

Mobiles often need a little extra time to handle QSL overloads

We really enjoyed your article a couple of issues back, Vic, regarding your very extensive mobile trip to Hawaii. As many 3905CCers are aware, I am also very interested in mobile operation and keep trying to improve my own mobile operation. Articles such as yours are very much appreciated.

Every mobile operator, as well as every operator on the net has their own method of operation.

3905ers should keep in mind, that the mobile station they work will likely have a fairly hefty quantity of QSLs to send out. While a fixed station may have 4 or 5 QSLs to fill out for an evening's work on the net, that mobile station may have 40 to 50 cards to fill out for the same evening's work.

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You're invited to try the 3905 Century Club

We meet every night to make contacts, exchange QSL cards, Work All States, or accumulate Club awards. Anyone and everyone; member or nonmember; U.S. or DX; fixed, portable, mobile or QRP is always welcome. All you have to do is follow these four simple steps.

1. CHECK IN: **Send your call and state at roll call or Break to check in. You'll be assigned a check-in number. 40M meets daily starting at 0000Z near 7.233.5 MHz; 75M meets daily starting at 0200Z near 3.903.5 MHz; Late 40M and 75M Nets start 4 hours later; 160M (check with the Net Control Stations on 40M or 75M for current times) generally meets weekends F/SA (no Summer) at 0300Z near 1.870 MHz. CW meets at 0200Z M/W/SA near 7.035 MHz. Check out when you want to. Many operate while they work on other projects or even watch TV!**

2. MAKE A LIST **of any stations you would like to work. When net control calls your number, you call your choice (always good to have a few choices). If you haven't heard a station you need, you can "Go Up For Grabs" and if someone needs your station they will give you a call. You may also opt to simply "Pass." When you check in at roll call you get one call per round.**

3. MAKE THE CONTACT: **each station sends a report and then repeats the report received. Net Control confirms the exchange and moves on.**

4. SEND CARDS **to free QSL Bureaus: 40M SSB ONLY -- AA5ES, Ron Williamson, P.O. Box 172, Simpson, LA 71474; 75M, 160M and CW -- KD3XP, Cliff Woessner, RD1, Country Lane Rd., Prospect, PA 16052. Include SASE #10s (4 to start). Don't address cards! DX stations don't need to place postage on their SASE! You may QSL direct, but new stations can make many contacts quickly depending on their state, so it is generally better to Use the Bureau. If you need a specific card quickly, advise that contact you will QSL direct with a SASE. GOOD LUCK and we all look forward to working you.**

Anyone can be a 3905 Recruiter

Every once in a while we all run into perfect candidates (new prefixes, rare states, DX, desires to become nationwide Net Controllers) to join the 3905CC. But even when we take the time to pitch the 3905CC, our perfect candidates often just never show.

We can't really blame them because, indeed, there is a lot to know, especially for someone new to the idea of Working All States or of participating in a net of any sort.

Here are current copies of "The 3905CC Invite." Feel free to copy it and send it to your choice of ideal candidates. It should help all of us become ***3905CC Recruiters.***

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Communications

The Ken-mobile travels on the Western plains

Here's a picture of me and my mobile station. I've been mobile or portable in VE3, Minnesota, Wyoming, and South Dakota.

I use a Kenwood TS520 with a Ham Stick or a Supertenna and carry an G5RV with me when I can find two trees close enough together out on the plains. 73 ... Ken ... KG7KO

Mobiles often need a little extra time to handle QSL overloads

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In the case of a mobile combo, such as N0DXH and myself, that QSL load is doubled.

For a variety of reasons, some mobile stations do not log their contacts. I always log, often with the aid of a tape recorder.

The main disadvantage in logging with a tape recorder is that I have to take the time to listen to all the noise again and transcribe the information to a paper log.

I use a mini recorder, set for slow speed and turn it off between contacts. It's amazing how many contacts can fit on one of those mini tapes!

Even though I log, I appreciate both reports on the card sent to me, and it better note that I was mobile, and what state I was mobile in. Someday, I will get around to sending in for an upgrade on my Nomad Award and if your card does not indicate that I was mobile and the state, it will be worthless to me.

Mary and I hope to make a Western trip that would put us in Laughlin, NV, on Oct. 15-17th and in Fairfield, CA, around Oct. 19th.

If we are able to make this trip, we will likely hit the road Oct. 11th or 12th and return home somewhere around Oct. 25th.

Laughlin, NV, is very close to Arizona, so I hope to operate from there as well. Between stops, I will be operating on the net on 14.336MHz during the daytime hours.

For our 160M operators, I now have 160M mobile capability and anxious to try it out. We will not carry it along on this trip, unless I know the 160M Net will be operating. It's not the easiest antenna to lug around.

I'm looking forward to many contacts in October. Please keep in mind that it takes a bit of time to get all those QSLs out from this end, but we do send them all.

We had cards from the Bureau in our mail for contacts we made from WV and MD on our July trip, when we got home.

73 ... Shel ... N0DRX

Runing Combo is fun, as Father passes General

I never thought I would have the opportunity to operate as part of a 3905CC Combo. Both my wife and son are licensed, but members of the Technicians Forever Society.

Then about two years ago my father asked if he could borrow my Tune into the World with Ham Radio.

He was serious about it and soon had his novice ticket. We spent many a night on 80M CW talking between Oklahoma City and Dallas trying to get his code speed up.

But he took the 13 wpm test several times with no luck and was quite discouraged until he ran into a 84-year-old applicant at a test session. That 84-year old had only started last year and was already taking the 20 wpm test. His advice was: "Just stick to it; anyone at any age can learn the code."

Fred's now picked up his general with the call KB5MRU, runs a Kenwood TS440s into a dipole, and is about to run a Tribander on the tower.

When I travel to Dallas for the holidays or a weekend, we get on the Net as a Texas combo and get lots of calls. During hunting season we made three trips to Kimble County, TX, as a portable combo which quickly ran us out of QSL cards.

Besides the CC nets, Fred enjoys chasing DX and contesting. While still a Tech, he came in first in the ARRL 10M contest in 1990 and second in the section for the 1990 novice roundup.

Having my father on the net really paid off just the other night when he telephoned me so that I could check in to work Hawaii 75M to finish WAS on that band.

73 ... Jim ... N5OHL

N5OHL and KB5MRU

The 3905CC just keeps chugging along

15 years, and nearly 2000 members later

In 1976 the ARRL offered a special Bicentennial WAS certificate. About the only rule was that you had to WAS during 1976.

Quite early in that year, W4GDY, a 75M powerhouse who liked to hang around 3.900 MHz, started up a Bicentennial WAS NET around 3.905 MHz ... and for that year W4GDY almost single-handedly (some say single-handedly) ran the Bicentennial Net night after night.

Bob set up an antenna farm with several directional 75M antennas which he used to switch back and forth during the net.

75M was pretty good that year and the net must have helped thousands of HAMs finish their Bicentennial WAS certificate applications.

When the year was over, Bob was pretty well burned out, and just shut down on New Year's eve ... leaving this gap in 75M. [Ed.]

By Jim, KD3O
3905CC Historian

On February 5, 1977 a group of HAMs got together and began work to establish the 3905 Century Club, Inc. as we know it today.

Funds were donated by 113 charter members and net operations were begun. Volunteer net controls ran the net on or about 3.905 MHz every evening for four hours.

The net was operated primarily as a Worked All States type net to allow all licensed Amateurs to get their ARRL WAS award on 75M and to work for two awards and an endorsement that the 3905CC offered at that time.

The 3905CC began to grow rapidly and in the latter part of 1977 a net was established on 7.233 MHz operating under the same guide lines as the 75M net.

In reaction to the rapid growth of the Club it became necessary to establish a governing body to oversee and control the operations and administration.

In late 1977 the offices of President, Vice President and Secretary/Treasurer were established along with the Board of Directors that included a representative from each of the US call areas and a DX representative.

This group began organizing the operations and its first major task was to write the constitution and by-laws.

In August 1978 the Club held its first "Eyeball QSO" in Bowling Green, KY, which was attended by 30 club members and their families. Since then the Eyeball has become an annual affair that is an important and major function for the Club.

In September 1978 the Club applied for its charter in Florida as a non-profit organization, and is still chartered as such in that state.

In November 1978 the club began a CW net on 80M and at that time was also operating nightly early and late phone nets on 75M and 40M.

As time went on the Club continued to grow in the number of members, and numbers of awards made available to members.

Additional nets popped up on 40M CW and 160M phone.

The number of registered members currently is over 1850 on 75M, 1525 on 40M. Awards grew from just three to over 25.

Of course there are members that are no long active for various reasons, however some of the original members still check into the nets from time to time.

Probably the most consistent member that still checks in from time to time is Howie, W4NVF, who was the club's first President.

A big thanks goes to the 113 original Charter members, all the past and present club officers and directors, and the many net control stations.

These were, and still are, those people who make the 3905CC the great organization that it is.

Many people may never know the amount of devotion and manhours volunteered by people behind the scenes, but most should know about the voluntary hours and the dedication of the net control stations.

We salute these people for their devotion and never ending work!

Communications

How did *not accepting relays* get started?

A spirit of cooperation is a basic part of Amateur Radio. Doesn't the second R in ARRL stand for Relay?

In the early days of Amateur Radio, a relay was such an important factor in getting the message through that the League included it as part of its name!

Now, we have stations which won't accept a relay?

If a station has set a challenge for itself to attempt to earn an award, or reach a goal without using relays, I can understand that. It would be an admirable goal.

But what happens to some other station who needs the one who won't accept relays?

Wouldn't it be more reasonable to cooperate with a station and accept a relay if it is important for that station to work you.

Just announce each time you make a call that you would like to try to make that contact without a relay.

And it's really poor HAMing to refuse to check into a net simply because someone has to relay your call in to the NCS.

And it's poor sportsmanship to rant at the NCS because he, or anyone else, relays a call.

It should not be necessary for the NCS to ask who won't accept relays. If any station has set the goal for themselves, those stations should announce at their turn that they want no relays.

73 ... Wayne ... KI5E

The *Centurion* is always looking for input from members of the 3905CC. All we ask is that it be 3905CC related ... one way or another. Thank you.

Communications

BOD Minutes (Ap-June)

The Spring quarter was relatively uneventful for the BOD. Two by-law changes were enacted: On Combo Nights ... all combos checked in will get two calls on each turn. On Mobile Nights ... all mobiles checked in will get two calls on each turn.

73 ... John ... NJ3V

Following net control has disadvantages

I, above all people, love the old classic radios, and I know it makes more sense for the net to follow the net control's frequency than visa-versa ... but it doesn't seem to be working.

In the past year, never once have I observed the net drift along with net control. What seems to happen is that net control's frequency is followed by using RIT to maintain clear reception without tracking the net frequency on transmit.

I remember one night, politely asking net control to check his dial, simply because nobody was following him. It was one of those nights that required three coast-to-coast relays to get a contact rogered. Propagation was long and terrible. Only a few lucky ones could hear net control, and unfortunately he was drifting.

Station A could hear net control, and was following his frequency religiously.

Station B had no copy on net control, but needed to work station A desperately (station A was the last state that station B needed for his "Worked All States YMs award."

Station A was strong enough to be heard by B, but being off frequency, he blended in with Radio Bagdad's national anthem.

The point is: when the going gets tough, those people fortunate enough to have digital readout receivers, KNOW where they SHOULD be listening!

Where's the advantage in keeping up with state-of the-art technology?

Obviously you can't make a rule that says "You will operate on 7.23355 MHz plus or minus 5 Hz." So maybe the answer lies with the net control stations watching their dial a little more closely, or perhaps picking out a net station they know to be stable, so that they can use that station as a reference.

73 ... Jim ... KF9EB

Packet anyone?

I would like to know how many 3905ers are into packet. If there is enough interest I would put a list together. We could use packet for advising packeteers of upcoming mobile and/or DX operation on the Century Club nets. Send me a note on your interests and packet address through PBBS: WU9T @ N9BE.NC.USA.NA or write to me at 1305 River Ridge Dr., Asheville, NC 28803. I'm also interested in hearing from 3905ers running RTTY and AMTOR.

73 ... Don ... WU9T

New baby competes

Sorry I haven't been on lately. Just had my third daughter last January and the three youngsters (5, 1, 6 mo.) are keeping me real busy!!!

73 ... Ann Marie ... N0IXY

Sorry to miss Eyeball '92

My wife Jeannie and I would like to make the Eyeball this year, but find our schedule will not permit it. However, Eyeball '93 is definitely on if held again in Chattanooga as we have a reunion with the 11th Airborne Training Center Cadre, 40-46 Troop Carrier Squadrons at about the same time.

This summer we plan to be mobile in Nevada, California, Oregon, Washington, Idaho, Montana, Wyoming, Nebraska, Colorado, Arizona and possibly South Dakota.

Last year we operated from 17 states and will add five new ones this year.

The Early Net is tough for a mobile barefoot from the Far West especially until 0200Z as the East Coast is only a whisper in an S5 noise level.

The trip started May 20th and we should be back in Las Vegas by Sept. 20th.

73 ... Keith ... KF7YZ

Apples left out!

Re: record keeping/logging. I find the word processor route the best, particularly as nobody seems to have produced a program for the Apple IIGS. Hope to see every one at the Eyeball.

73 ... Derek ... AA3A

Seeking low-budget HF mobile operation

Has anyone converted a CB mobile radio that uses crystals to be used on 40M or 75M LSB; and added on an amp, or uses mag mounted antennas for those bands? What are the low cost alternatives to going HF mobile?

By the way, my mother passed away this Winter and while she wasn't a HAM, she supported my hobby and always provided friendship (and food) at my antenna parties. If any of you have lost a loved one, we know some of what you feel.

73 ... Marty ... N5OHN

Hints on using a Word Processor for QSL cards

Here are a few hints on using a Word Processor for QSL records and keeping up with QSL cards.

I use a simple word processing program called Quite Write and have two text files, one for 40M and the other for 75M.

Simply list each state as a separate paragraph and then list the contact calls in each appropriate paragraph. Since I haven't been a 3905er all that long, I don't distinguish between those contacts that I already have received QSL cards from or not.

DX contacts are listed at the bottom of the last page in each file.

Stations in state capitals are put in italics, YLs are in bold, Combos have underlines under each call, mobiles get a /m, portables get a /p, QRPs get a /q.

KB7EYA/m would be a YL, state capital, combo, mobile, for example.

A three-ring binder and punch have helped me considerably to keep the award applications, NCS guide and other material in one place.

As you work the net you can leaf through the binder to see just what contacts are needed for each award.

73 ... Marty ... N5OHN

General information on the *Centurion*

The 3905 Century Club, Inc. is a non-profit corporation registered in Florida. In addition, the Club is tax-exempt as determined by the U.S. I.R.S.

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The editor actively solicits letters to the editor, comments, contributions, and reasonably clear photos for use in the *Centurion*. With his 20-plus years of editing experience he can make anything you say come out just great. Copy can be submitted hand written, or typed, or on a IBM 3 or 5" diskette (ASCII file please).

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N8IFS Expires Jul. '95

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10: K0AFY, WILFRED SPENCER, 319 Crest Dr., Jefferson City, MO 65101
DX: VE3IVU, GRANT KYTE, 44 Longbourne Dr., Apt. 107, Weston,\sz9\ ONT, CAN M9R 2M7

CALL AREA AWARDS MANAGERS

[All award applications must be sent to your call area Awards Manager for processing.]
1: KA1IFC, JEAN HURTLE, P.O. Box 56, Baldwinville, MA 01436
2: K3TYW, JIM McROBIE, 612 K St., Mountain Lake Park, MD 21550
3: K3TYW, JIM McROBIE, 612 K St., Mountain Lake Park, MD 21550
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7: KF7CT, JIM HARTWELL, HC #70 Box 3601, Sahuarita, AZ 85629-9306
8: KA8MCH, MARGARET JANVEY, 8539 Lawrence Ave., Ypsilanti, MI 48197
9: NJ3Z, MIKE MORROW, 1409 S. 22nd St., Lafayette, IN 47905
10: WB0VRN, KEN HUDACHEK, 2116 Hollywood Blvd., Iowa City, IA 52240
DX: VE3KFO, JACK HARPER, PO Box 3183, Picton, ONT, CAN K0K 2T0

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40M: KI5E, WAYNE GURLEY, RT1, Box 379-M, Willis Point, TX 75169
75M: KD5FW, JIM BYRD, 4325 S. 4th St., Broken Arrow, OK 74011
75M: Late KD1BM, RITA WEED, 77 Bell St., Bridgeport, CT 06610
40M Late: N7OKM, HUGH MACDONALD, 2491 Highway 70, Oroville, CA 95965
160M: WI4Y, PAUL VANDERGRIFF, Rt. 2, Box 2D, Bryant, AL 35958
CW: W3PYZ, FRANK ALLING, 7227 Jethve Ln., Madeira, OH 45243

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40M SSB ONLY: AA5ES, RON WILLIAMSON, PO Box 172, Simpson, LA 71474
75M, 160M, CW: KD3XP, CLIFF WOESSNER, RD1, Country Lane Rd., Prospect, PA 16052

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AA1Q, WA2ZYM, KD3O, WD4CQY, K5WSC, K6ACX [SK], WB7NSE, WA8WZX, WA9KKM, N0SD, VE3IKN

Net Schedules

40M.....daily.....7.233.5 MHz....0000-0400Z
CW....M/W/Sa.....7.033.5 MHz....0200-0400Z
75M.....daily.....3.903.5 MHz
Summer, 0200-0500Z; Winter, 0200-0600Z
160M.....1.900+ MHz.....Fri.....0100-0700Z
Sat.....0400-0800Z

[Frequencies vary as available. LATE NETS, if run, start four hours after Early Nets start, 160M net is somewhat flexible so it's best to ask on 40M or 75M nets.]

Subscriber Notices

HAMFILE v.19.3 — NOW IN COLOR!
This very fast **Commodore-64**-based logging program includes sort/print, move from file to file, and other great features. No other program is faster. This new version is completely compatible with older versions. Mention 3905CC for a special price of just $10. Wayne Gurley, Rt1, Box 379M, Wills Point, TX 75169 (903-873-3172)

ARO-LOG PLUS!! (IBM-Format) Here's a dedicated 3905CC logging program. Keep track of the awards offered by the club plus dupe checking, QSL information, Hit lists, points checking, and more. All this for only $5 and includes a 5-1/4 disk and shipping charge. Jim Tester, N7UPA, 19120 99th St. KPN, Vaughn, WA 98394