



EYEBALL 2001

Eyeball 2001 is now history but many good memories remain for those that were there.

A good way to start our coverage of the Washington state Eyeball is to show off the reverse side of the Eyeball QSL Card

which was created by Roger VE7RS for the occasion. The back of the card is a montage of pictures of individuals that were in attendance at the Eyeball. The only picture not labeled below is that of Nick WL7K—with the blue hat.



N7UDT Retires as 7th Area Awards Manager

N7UDT—George (pictured here with his XYL) is the retiring 7th Area Awards Manager.

He's retiring due to health reasons and can be heard much more on the nets lately now that his time isn't tied up with



other people's awards. He has been succeeded by Mel, KK7SR—the new 7th Area Awards Manager.

Thanks for all of your years of service George.

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2001 PRESIDENTIAL CERTIFICATES OF APPRECIATION

During the general meeting at the 2001 Eyeball in Washington State, 3905 CCN President Steve Sparks WK5S announced the following recipients of the Presidential Certificates of Appreciation Award for 2001.

WM9H Gene Schneider - recognized for the outstanding job of rebuilding the 80 Meter SSB QSL Bureau along with his service of operating the QSL Bureau for the club's Digital Nets.

KB5IPQ Wil Vaughn—recognized for the ongoing , year after year operation of the 40 Meter SSB QSL Bureau, now the longest operating QSL Bureau in the club by one manager.

KB0SG Bill Martin—recognized for the work done on the club newsletter—The Centurion—and his work on the rewrite of the Club By-Laws with AA9ZF.

W5IL Richard Smale —recognized for the outstanding job as a dependable net relay and for his willingness to step to the table by taking on the job as Net Coordinator for the 160 Meter SSB Late Net.

K7MFG Gordon Love—recognized also for outstanding work as a relay on the nets along with his efforts in representing the 7th call area on the Board.

W9YN Gil Robinson—the voice of Northern Illinois, recognized for his service as a relay station, net control station and service station for the 40 Meter SSB Early net.

W1BML Earl Smith—recognized as the backbone of the 75 meter SSB net as a dependable net control station and one of the great relay stations of the club. Also noted is Earls' contribution in BMLLog, a logging program specifically designed for the club operations.

KO6CS Bill Lyons—recognized for his work as a relay station for the 6th call area in particular and the western states in general. Always a strong and helpful signal.

W9JAY Jay Fadness—one of the truly great mobile operators that brings many states to the nets and always a cheerful voice, going far out of his way for members of the club.

KB0OKS Milt Whitaker—another of our mobiles found on the nets again bringing many states. Milt also was responsible for the initial revitalization of the 40 meter SSB Late Net as Net Coordinator.

NA7SS Scott Stevenson—a ready member of the mobile operators also brings many states to the Nets.

N0AOP Dave Weiss—recognized for his frequent and dependable participation in the nets as a mobile covering many states.

NT4Z Hugh Armstrong—the Southern gentleman of the nets, Hugh is responsible for operations of the 40 meter SSB Early Nets. As well, Hugh has been a long time, first class net control station.

KD7BVO Lynnette Martek—the Net Coordinator for the 40 meter Late Nets, Lynnette has taken the nets to a new level of participation as well as being the primary supporter of the Eyeball Chairman.

W7DO Gary Martek—recognized for the outstanding job as Eyeball 2001 Chairman and his contributions as Technical Advisor to the Club.

KC5BFK Jerry Hapner—a regular of the mobile operators that always has a strong signal and a super personality to go with it.

WY8V Earl Hubbard—one of the busiest officers in the club with four jobs—8th Area Director, 75 Meter SSB Net Coordinator, Club Treasurer and Club Secretary.

AA0ZP Frank Taylor—recognized for his contributions to the Club as a Past President, the 10th Area Director and a frequent relay and NCS.

AC6LU Ray Krank—the 6th Area Alternate Director, Ray has done an excellent job in representing the area as well as being a dependable relay.

K7NZ Fred Layton—serves the Club as the Late Net coordinator for 75 meter SSB. Fred was also instrumental in the 2001 Eyeball planning.

KD3O Jim Fisher—one of the original charter signers, Jim is the Club Historian along with Webmaster of the club website, without peer.

NJ3V John O'Keefe—seldom heard on the nets on a regular basis, John is the guy behind the scenes that keeps our awards program going as the Club awards Secretary. John is truly one of the unsung heroes of the club.

AE9YL Vickie Luetzelschwab—one of our newest net control stations, Vickie has taken to the job like a duck to water. Vickie was Net Control on 40 meter SSB the night of Field Day 2001 and did an outstanding job of keeping the net moving.

W0KRE Hal Bronkala—the Net Coordinator of the 40 meter CW Nets, Hal has continually increased participation, particularly for newcomers to CW.

AA9ZF Maynard Anderson—the 9th Area Director, Maynard was also instrumental in the rewrite of the Club Bylaws as well as taking on the task of the Net Control Guides.



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Above is, from the left, Lee W4CKT; Emil KQ6LU; and Gordon K7MFG at an operating station before the nets began.



Above Hugh N7OKM is operating PSK-31 with a group of interested onlookers.

On the right is Ray AC6LU and Steve WK5S visiting outside Fred's K7NZ rig on wheels.



Below is a group admiring the 40 meter beam which just got raised. The one who doesn't appear all that interested at the moment is Fred K7NZ, walking the other way.



Below, seated in the center area, is Steve AD6AB; Nick WL7K; and Jim KL7IYD. Frank AA0ZP is standing directly behind Jim.



A Good Amplifier Story

Editors Note: Recently, after I went through a gaggle of amplifiers trying to find one that did what I want, I asked Hugh NT4Z what he was using for an amplifier. His reply is pretty interesting in this day and age of “plug and play” equipment. Here is what Hugh sent me.

Glad you asked. I bought an old Navy HFL1000 that had been kicking around the ham community for a number of years. A friend had it in his garage for a couple of years but said he never had time to try to make it work.

One drawback was its 450 pound boat anchor status. I gave him a couple of hundred for it and that included 3 4CX1000A's which are like gold at the hamfests.

A previous owner had converted its 4cx1000A to a grid driven mode in order to get around the destroyed neutralizing circuit which meant disabling the 300 volt screen supply.

All of which is highly NOT recommended by Eimac, the tube manufacturer. One thing this did was to drop total plate voltage from 3000 volts to 2700 volts. So I'm that whoever did was not entirely satisfied with his work.

What I did was to take the manual and redesign the equipment to have a tuned input, then grid fed it, reestablished the 300 volt screen supply and used a swamping technique to get around the missing neutralizing circuits.

I took a couple of months remaking the schematic then tore all the wiring out except the RF connections at the output of the final. Took about 7 months to rebuild it around the new schematic. Put it on the air in the shop and voila, it worked.

Brought it into the shack, placed it into a cabinet I bought from a friend for 20 bucks, checked the linearity with my scope. Was satisfied. And have been using it now for several years.

So there you have the saga of the NT4Z 1 KW amplifier. I know that is a heck of a lot more than you asked for but I thank you for the opportunity to tell the story again. Hi

Hugh NT4Z

A Bad Amplifier Story

Elsewhere in this issue you can read the “success” story of how Hugh NT4Z rebuilt his Amplifier to give him the fine signal that you hear just about every night on 40 meters. In this article, I have another story for the readers of “how NOT to select an amplifier”.

My history with power amplifiers goes back to the late 70's when I decided I needed a bigger signal. My first amplifier was a Heathkit SB-230, a one-tube 1KW amplifier that really worked pretty well at the time.

Over the years I have owned a TenTec Titan II, a Heathkit 5400, a Heathkit SB-220 and a couple of the very nice Yaesu Quadra amplifiers. Out of all of these my favorite by far was the Yaesu Quadra – a very easy to use amplifier that easily interfaces with Yaesu rigs.

The only downside, if there was one, is that the Quadra is a 1KW amplifier with typically 700-800 watts out on many bands.

And, of course, I wanted something “bigger” with a stronger signal. Also, with my impending retirement, it seemed like a good time to make a change. So, thus began the exercise in stupidity and the subsequent learning process.

First I sold one of the two Quadras that I owned and purchased a used Alpha 89. I had always wanted an Alpha, for some odd reason, so when the opportunity arose, I grabbed it.

All in all, the Alpha 89 is a nice amplifier – when it works. The bad news is that it always died just as I was starting a turn as NCS. The good news is that there is a local guy here in Georgia that repairs Alphas.

At the same time I picked up an Alpha 374A that is in pretty good shape. I had him tune it up and fix some minor things on it and it works great.

But, it still doesn't put out the big signal that I wanted.

By this time the Alpha 89 was on the auction block (a ham in Italy bought the 89 for slightly more than I paid for it).

This time around I decided to go for a “legal-limit” amplifier and a new one at that. Based on some research (skimpy at best) and the recommendation of a friend (more or less), I ordered a new Ameritron AL-82.

It arrived direct from the factory. I set it up, put it in line, checked my SWR carefully, tuned it up and was ready to go. The first night it worked fine and reports were good.

The next night, however, while tuning it for the 75 meter net, pretty lights began flashing out of the top vent holes followed by a total failure of the new amplifier. I was not happy. The next day I called Tech Support at Ameritron and they were very helpful, after I convinced that that my SWR was fine and all the cables were fine. They sent me three diodes to replace in the unit.

Awards As I See It—Jim N5OHL—5th Area Awards Manager

Without a doubt one of the most popular awards is the 1000-point award. This is the first of the really tough progressive awards and is like working all states five times over using different stations. Alaska and Hawaii are the exception, because only one contact from these states is needed.

The major portion of this award is the "Prefix" page with five blanks next to the 48 states. Here you must not only work five different stations but they must all have different prefixes. Some folks get a copy of the 1000-point award and fail to read the rules. You can easily slip up on this one.

Do not just start filling in the blanks. Read the rules. A prefix as stated in the club's constitution/by-laws is whatever is to the left of the number in the call sign. For example KB5GVR, KB1VU, KB3GN/m, and KB0W all have the same prefix, which is only the letters "KB". Likewise N2XTT, N0SD, N5UJB, and N1ZT all have the same prefix, which is only the letter "N".

The number is not part of the prefix. Now days with so many vanity calls getting five different is much easier than it used to be. But do be careful in this area of the award and double check your application before sending it in to your area awards manager.

The other portions of the award include a mobile area where you must work any ten mobiles. And last is the DX area. You must work 15 DX stations from at least 5 different countries. Remember when I told you to save those DX contacts?

One of the most often asked questions is about how to use the "Wild" cards. A "Wild" card is a contact made with a person that has already earned the 1000-point award. Their 1000-point certificate number must be on the card in order to be valid for use as a "Wild" card.

For example my 1000-point certificate number on 40 meters SSB is number 257. You may use up to four wild cards but only one per state and they may not be used in the mobiles or DX areas. You cannot use a "Wild" card on the 100-point or the 500-point awards (or the equivalent Level I or Level II on higher progressive awards.)

Now what do we do about the "Super Wild Card"? This is a holder of the Masters Degree Award. The Super Wild card can be used like an additional wild card. It can only be used on awards that already use wild cards. Right now we have only 8 Masters so I suggest you use these only when you really need one.

On the 1000-point and higher progressive series awards the Super Wild card can

only be used in the state prefix area like a normal wild card. A wild card and a super wild card can be used in the same state. Only one Super Wild card per award application, and once it is used it may never be used again. I suggest you work every Masters Degree holder. Save at least one for use on the Poker Players award. As usual, the number must be on the card for it to be valid.

After you achieve the 1000-point, you may continue with the progressive series. The 2000-point and higher awards are just like working the 100, 500, and 1000 all over again. Same rules apply but you must use all new contacts.

Way out in front on 40 meters is Ricardo K8MZA with the un-believable achievement of the 24,000-point award! On 75 meters KA1IFC, WY8V, and WB2RWT hold the top place at the 11,000-point level. Believe it or not, on 160 meters there have been seven 1000-point certificates earned. On the other nets such as CW, RTTY and PSK-31 no one has earned the 1000-point yet.

Have fun working on your awards.

Jim N5OHL

Bad Amplifier Story (Continued)

I replaced the diodes as soon as they arrived, put the amplifier back in line and began tuning. More pretty lights followed by failure when the fuses blew. The next day I called Ameritron again and this time talked to a manager. They agreed to send me a brand new unit to replace the one that had a problem.

Wonderful, I thought. The next day the new unit arrived. I put it in line and it died within minutes – same pretty lights. Having the patience of a ferret on espresso, I lost all interest, boxed up both units and shipped them all back to the factory.

Later I discovered that the AL-82 has a tendency to have problems.

On the other hand, I have an Ameritron ALS-500 in the car and it works great on mobile. WD5BJQ has several Ameritron amps and he loves them.

By this time both of my Quadra amplifiers had been sold, the Alpha 89 was on it's way and I was left with the Alpha 374A. And I still didn't have what I wanted. I still couldn't bring myself to shell out the money for a Henry amplifier and I didn't want another used one.

So I took advantage of the counsel of the club's Technical Advisor. I asked Gary W7DO what he recommended. His answer was QRO.

I began my research on the QRO amplifiers and everything I found pointed to it being an excellent choice. So I ordered one – the HF-2500DX. Ray Connin at QRO is a pleasure to deal with and the HF-2500DX is a great amplifier. Works just like the advertising said and better.

What did I learn out of this fun process? First, perhaps I should have been satisfied with my Quadra amplifiers. Second, ask Gary W7DO before ordering an amplifier. The old adage of "you get what you pay for" still holds true. Bottom line is don't ask me for advice – I clearly have no clue what I am doing.

- Bill K4SGF

KD30 Club Historian & Webmaster

Editors Note: Continuing our profiles of Club Officers, this issue we focus on KD30 – Jim Fisher, Historian, Charter Signer, and the Club Web Master.

Born in Southeastern Illinois in Petty Township, November 28, 1935. Jim completed school and entered the US Army.

Served 23 years in the service before retiring as a Command Sergeant Major US Army Communications Command in 1976. During this time I attended the High Speed Radio Operators course, served several years overseas, and the last school attended was the second class to attend the U.S. Army Sergeants Major Academy.

During my years in the service I received my first Amateur Radio ticket—WA9FDN.

I received the call DL4PX and



operated in Germany for approximately seven years and after that I held the calls of WA3ZMJ, WB4OCS and WB3GWA.

When I first became associated with the 3905 Century Club, Inc. was 1976 as WB3GWA and this was the old Bi-centennial net.

When 1976 ended so did the Bi-centennial net, however Howie Gould now W9HG, Charlie Cook now N8BO, and K3HPG (SK)

Mike Harshman and a few others got together and decided to try and continue the net under a new name, which was the 3905 Century Club. I have enjoyed operating with these people and the net at that time and have stayed with the club ever since.

Have had the opportunity to serve the club in many positions such as, an Awards Manager, the Awards Secretary, the Third call Area Director, the QSL Bureau Manager for 40 and 80 meters together, the Club Historian since 1985, the web master.

And of course what I consider an honor to be one of the original signers of the Articles of Incorporation for the 3905 Century Club, Inc.

I think that is about all I can say. Anything else would have to be bad and I can't tell that.

Jim Fisher (KD30)

WK5S On The Road from The Eyeball



Above is a shot of Steve's (WK5S) truck while operating on the Nebraska—South

Dakota State Line. Editor Note: I have lived a good share of my life in the Midwest and this is a classic picture if I have ever seen one, even to the rainbow.

After last year's 2000 Eyeball Steve had a shot of his truck at the time in front of a beautiful sunset.



This year the picture is of a sunset in South Dakota.

Eyeball 2001 Gallery (Continued)



Above is Emil KQ6LU (left) and Gordon K7MFG—the 7th Area Director, getting ready for some operating from the Eyeball site.



On the right is George N7VQ being congratulated by Steve WK5S—Club President—on winning the Grand Prize in the Eyeball drawing of a \$1,000 Gift Certificate from a ham radio dealer. Congratulations George!



As in the above picture, campfires are always an enjoyable place to exchange tales, share some experiences and generally have a good time.

The two members standing in the foreground are Steve AD6AB and Hugh N7OKM.

More Insurance Claim Explanations

Excerpts from explanations on real-life automobile insurance claims:

- o Coming home I drove into the wrong house and collided with a tree I don't have.
- o The other car collided with mine without giving warning of its intention.
- o I thought my window was down, but I found it was up when I put my head through it.
- o I collided with a stationary truck coming the other way.
- o The guy was all over the road. I had to swerve a number of times before I hit him.
- o I pulled away from the side of the road, glanced at my mother-in-law and headed over the embankment.
- o In an attempt to kill a fly I drove into a telephone pole.
- o I had been driving for forty years when I fell asleep at the wheel and had an accident.
- o I was on the way to the doctor with rear end trouble when my universal joint gave way causing me to have an accident.
- o As I approached an intersection a sign suddenly appeared in a place where no stop sign had ever appeared before. I was unable to stop in time to avoid the accident.
- o To avoid hitting the bumper of the car in front I struck a pedestrian.
- o My car was legally parked as it backed into another vehicle.
- o I told the police that I was not injured, but on removing my hat found that I had a fractured skull.
- o The pedestrian had no idea which way to run, so I ran over him.
- o The indirect cause of the accident was a little guy in a small car with a big mouth.
- o The tree moved quickly into my path and struck my car with no warning.

July Awards from NJ3V

75 Meters

100 point

2371 KB7RUQ 2372 W1DEC
2373 KC5BFK 2374 WH6S

500 Point Endorsement

W0KRE KB7RUQ
NT7Y

Nite Owl

213 W0KRE 214 K7OLY
215 W9JAY 216 KB7RUQ
217 WH6S

Nomad

69 W9JAY 70 KC5BFK

VIP

620 W9JAY 621 WA3SYR

WAS

802 KC5BFK 803 N1CKM

W/VE endorsement KC5BFK

Wise Mobile

#3 KC5BFK

40 Meters

100 point

2104 KB7RUQ 2105 AJ4DB
2106 KU8T 2107 N1BJZ
2108 WBØYGW 2109 AA3WD
2110 KD5MJG 2111 W9MIK

500 point endorsement

N0PUI KG7Q W9JAY

1,000 point

#405 W9JAY

2,000 point

#165 K1DWI

3,000 point

#87 N1UU

4,000 point

#58 W7HPA
#59 W9YN

5,000 point

#44 W9YN

Alphabet

#315 K4PXW

Bakers Dozen

#979-80 W7HPA 981 AB0JH
982 K9TWV 983 KV7S
984 KR2V 985 KO6CS
986 WH6S

Bakers Mobile endorse

W9JAY (5) N0AOP
KC5BFK

Certificate Hunter

292 WA3SYR 293 KC5BFK
294 WA0SMQ 295 KD5BED

Nite Owl 189 KR2V

190 W9JAY 191 N0PUI
192 KA7HUO 193 KB7RUQ

Nomad

#105 KBØOKS

Numbers Racket

91 KC5BFK 92 WA0SMQ

Poker Player

#33 W5IL

VIP

619 W9JAY 622 WH6S

WAS

796 K9JHG 797 KG7Q
798 N0PUI 799 K8TLC
801 KG7Q 804 W9JAY

WAS endorsement W8WKG

W/VE endorsement W8WKG

WAS Capitals

443 W7WNF 444 K1DWI
445 K9TWV

WAS-YL

99 WA0SMQ 100 W0KRE
WAS Same Station #8 NJ2LH

Wise

12 W9JAY 13 KB0OKS

160 Meters

Nite Owl

15 N8RYD 16 KK2M

Nomad w/200 endorse

#8 N8RYD

WAS

#800 N8RYD

W/VE endorsement

N8RYD

CW 40 Net

Alphabet

#1 W0KRE

VIP

#6 AF4LD

WAS

#9 AF4LD

NCS Award

Paul Edwards AA6SM

NCS Journeyman

David Stroud N1UU
Marc Slater KB1DFE

PSK 20 Award

100 point #1 W5IL

RTTY 80 Net

100 point #15 N1CKM

Century Club on Vintage Equipment

Working the 3905 Century Club the old-fashioned way, Jim N5OHL (Oklahoma capitol) enjoys operating his vintage 1967 Heathkit SB-101 transceiver.

Recently Jim became interested in restoring and operating vintage radio equipment.

"Keeping these old rigs going (and glowing) is lots of fun.

Many people are surprised when I tell them the radio here is a Heathkit made 34 years ago."

Since 1997 Jim has served the club as the 5th Area Awards Manager. Jim has been active on the nets since 1989 and has earned his 5000-point on 40



Jim N5OHL Making a Contact On his Heathkit SB-101

meters and 3000-point on 75 meters.

On 40 meters Jim has earned two tough ones: Poker Players #28 and DX #40. Active on all nets, Jim holds Worked All Century Club Nets #15 plus many other club awards.

Editors Note: Having a couple Heathkit receivers in my shack, I was curious about resources on the Internet about Heathkit equipment. After a search, I discovered there were literally hundreds of web sites.

The two best resources for a Heathkit collector seemed to be the Virtual Heathkit Museum, found at - <http://www.heathkit-museum.com/> -.

Vintage equipment is always much more fun with a manual and pretty much all Heathkit manuals can be found at—<http://www.w7fg.com> -.

Finally, there are a couple Heathkit User Nets but the most active seems to be the New Heathkit Net which meets on Sundays at 2030 UTC on 14.293.

Code of Conduct for Officers and Members

At the September Board of Directors meeting a Code of Conduct for 3.905 Century Club officers and members was adopted and approved.

The Code of Conduct was originally proposed by KB1DFE and authored by KD3O. The intent is to set a standard for conduct within the club and on the nets.

Code of Conduct

C - Courtesy - Be a courteous and professional operator. Respect the rights of other operators.

E - Enjoy - Enjoy the nets and do your part to make sure others also enjoy their time on the nets, abide by the rules and set an example for others.

N - Net Control - Follow the Net Control's rules of operation. Remember that the net is a directed net. If able, try being a net control yourself.

T - Timeliness - Try to always be there when called for your turn and make your calls in as short a time as you can to allow the net to move along.

U - Utilize - Use the Net Control or relays if needed in making contacts. As a net control, don't be afraid to use relays to help run a net.

R - Respect - Respect the rules/By-Laws, officers, other stations and the Net Control. As well, show respect for other nearby stations.

Y - You - Remember that you are a Public Relations representative of the Century Club while operating on the club's many nets and conduct yourself accordingly.

— — — — —

C - Confirm - Promptly send QSL cards to confirm all contacts on the Century Club nets and keep a sufficient supply of envelopes in the Club QSL Bureaus.

L - Listen - Pay attention so as to be able to answer or make your calls promptly so the others on the list get as many calls as possible during net time.

U - Understand - The rules/By-Laws on operations and the information on applying for awards which is included on each award application.

B - Be - Remember to be polite and positive in criticism of operators, club operations and club officers. This can create much more help than negative criticism. Remember—it is a hobby.

The first letter of each point of the Code of Conduct, when read across, spells —

CENTURY CLUB

Show your professionalism and operator skills by supporting the Code of Conduct.



August Awards Announcements from NJ3V

75 Meters SSB

100 point

2375 WW7AS 2376 N5LXI
2377 AB2LA 2378 K3YDH
2379 VA2GLB 2380 KCØJNT

1,000 point #404 KBØSG

2,000 point #141 NJ2LH

Alphabet #321 KA2WQR

Bakers Dozen
#993-994 WA4BKW

Bakers Mobile Endorsement
KC5BFK N9DAR

Call Area
(1) #272 WA2STH
(5) #273 KA2WQR

Nite Owl #218 KD7EUV

Nomad 200 point endorsement
KD7EUV

Numbers Racket
76 AA3FC 77 WA4BKW

WAS #805 KD7EUV

WAS Capitals #447 N5OHL

W/VE endorsement KD7EUV

RTTY 80 Net

100 point #16 K7NZ

RTTY 40 Net

100 point #59 WV2X

RTTY 20 Net

100 point #20 K7NZ

Call Sign Changes

KX8W (AA8OM) now WB8ABC
AJ4BD now AJ8T

CW 40 Net

100 point #95 WY4D

WAS #10 N3PM

NCS Award

Joe Ellman KR2V

NCS Expert Award

Richard Smale W5IL

PSK 20 Award

100 point #2 N2XTT

40 Meters SSB

100 point

2112 N2XG 2113 N5PU
2114 N5LXI 2115 AA8YZ
2116 KB9ZHG 2117 KB9VDV
2118 WB4RYR 2119 N9OH

500 point endorsement
N4OTX KB7RUQ
W8UY AA8OM
WM0F AJ8T

1,000 point
406 AA8OM 407 WMØF

2,000 point
166 K9TWV 167 AA8OM
168 N1CKM 169 WAØSMQ

3,000 point #88 WV2X

Alphabet

316 N7VQ 317 WA3SYR
318 KA2WQR 319 AA8OM
320 AG4DO 322 KO2Q
Bakers Dozen
987 K1HLG 988 N7VQ
989-92 WA2JIM 995 AA8OM
996 KO2Q 997 WM9H
998-99 K9TWV 1000 KBØOKS

Bakers Mobile endorsement
W9JAY (6) KØMRC
KC1NA KBØOKS(2)
KC5BFK KD7KH

Certificate Hunter
296 AB0JH 297 KBØOKS

DX #53 WV2X

Nite Owl #194 KBØOKS

Nomad #106 K9TWV
200 point endorsement K7NZ

Numbers Racket #93 K9TWV

Poker Player #34 AA3FC

VIP
623 KG7Q 624 N7VQ
625 KR2V 626 ABØJH

WAS
806 WMØF 807 KBØOKS

WAS endorsement N8ISY

WAS Capitals #446 N7VQ

WAS-YL #101 AA8OM

W/VE endorsement N7VQ

Eyeball 2001 Gallery (Continued)



Above: From the left Mary W7HPA seated—standing is Ray AC6LU; Bob W6VY (who continued on for more mobile and portable operations following the Eyeball); and Bill KO6CS.

Note: The Grand Prize in the Bingo game was won by AC6LU - a framed needlepoint heirloom piece handcrafted and donated by WB7QID, Wayne in Wyoming.

Below: Several captions come to mind for this picture, such as.... “All right, so who is in charge here?” - or “This is fun. What are we doing?” - or— “Man I wish that CBER would have stayed out of the shelter.”

Actually the reason for the milling about will become clear on a later page.



Above: Steve AD6AB obviously happy with the contact he just made. The gentlemen standing behind him was not identified, but doesn't he look happy for Steve as well?

Below: The guest speaker, following the program, giving more information to members about the tools of his trade—tracking down RF interference that all amateurs have to deal with. Clearly a very popular presentation.



Eyeball 2001 Gallery (Continued)



Above: Eyeball Host Gary W7DO introducing the guest speaker after the dinner. He is Jack Talmadge of RFI-Tech Solutions. He presented an interesting slide show and talk about his experiences in tracking down radio interference from power lines, cable TV lines and other types of interference an amateur radio operator might experience coming from his immediate neighborhood. Jack demonstrated some of the tools of his trade after his talk.

Below: President WK5S Steve and Eyeball Host W7DO Gary are preparing one of the operating stations at the Eyeball site.



Above: During the program everyone was comfortable in the shelter at the Eyeball site. In the foreground, seated, are Mary W7HPA (back to us) XLY of K8MZA and K8MZA Ricardo.

Below: While in the area of the Eyeball site, folks had the opportunity to operate mobile or portable in beautiful country. This is a picture of Puget Sound taken by Steve WK5S when operating mobile around the area of the Washington Capital.



EYEBALL 2002—The Silver Anniversary

**The 2002 Eyeball of the 3.905 Century Club will be held in New Jersey next July.
Start making your plans now to attend the 25th Anniversary Eyeball.
Your host will be Clay WA2JIM.**

Eyeball 2001 Group Picture



Above: The reason for the previous “milling about” picture. Here is the entire group that attended Eyeball 2001 in Washington state.

Congratulations and thanks to Gary W7DO and his team for an outstanding Eyeball!

The Centurion—Rate Increase? Or New Approach?

Greetings from your friendly editor of the Centurion – the official newsletter of the 3.905 Century Club.

The cost of producing our newsletter has increased along with the postage increases (the mailing postage is now 80 cents). As more color is used now, the costs of ink has also gone up. The total cost of producing the newsletter is now \$2.25 per issue per subscriber.

Since each subscriber is paying about \$0.90 per issue, you can see how this can be a losing proposition.

Using a combination of increasing

the fee for hard copy while maintaining the same number of issues, in color, and adding a subscription option via email actually is the best alternative.

Beginning with the December 2001 issue subscribers will have two options for receiving copies of the Centurion (current subscribers retain their current issues).

The subscription fee for the printed and mailed copy of the Centurion will go to \$2.25 per issue or \$11.00 per year. We will continue the current format for hardcopy issues.

In addition, beginning with that same issue in December, there will be a second subscription option and that is to receive the Centurion via email in pdf format.

Acrobat Reader is a free product and can be downloaded and used with no costs. The fee for this electronic issue will be \$1.00 per issue or \$5.00 per year.

Some people have indicated that they would like to receive the Centurion both in hardcopy and via email.

(Continued on Page 15)

Eyeball 2001 Gallery (Continued)



At each Eyeball, according to the By-laws, an annual meeting is held. Here is Steve WK5S making comments to the gathering just before presentation of the 2001 Certificates of Appreciation. The list of recipients can be found elsewhere in this issue.



Above, obviously it was a little cool in the mornings. Here we see Gordon K7MFG; Frank AAØZP; Maynard AA9ZF; Ray AC6LU; Steve WK5S; and Lee W4CKT—all trying to stay warm.

Below is, from the left, Emil KQ6LU; Bill KO6CS; Ray AC6LU; and Steve WK5S while operating mobile. The state capital can be seen in the background.

Here is a nice shot of the Eyeball area, where antennas were strung from trees. The entire Eyeball site was beautiful, typical of the Northwestern area of the United States.



WMØF—Trip to the Tri-Corners of WY-NE-CO

Every year around August 11th, I try to get somewhere out of the city lights for the annual Perseid meteor shower. The Perseids have long been a favorite, since this event is in the summer when I could combine sky watching with a camping trip.

In past years, we were usually up in the hills somewhere as far from the Colorado front range cities as we could get. However, this year we had to be at home for some reason of which I can't remember now.

So, as I was out doing a yard project for my YL, I was also trying to come up with an idea for somewhere, not too far, that I could go to get away from the front range city lights.

My first idea was to head up to the WY-NE border on I-80. From where I live in Loveland, that would be about a 2 hour drive.

So I went about chewing on that plan for a while. It occurred to me that all those headlights along the interstate would not be all that great for sky watching.

Say, if I was to go that far, why not go find the tri-corners of CO-WY-NE. Good chance it will be dark there, and I could play radio!!! I headed for the computer and popped in my Colorado topo map CD. After a bit of searching, I found a route to get up there.

However, the roads got real vague near the tri-corners. Ok, that is what a GPS is supposed to be for right? I clicked on the key turns on the computer topo map, downloaded the waypoints to my GPS, and I figured I should be able to find this place blindfolded.

Figuring the band conditions would be the usual (short and noisy) at the start of the net, I sent an email to the scheduled net controller to ask that you all listen for me out there and put me on the list.

I grabbed a sandwich, a six pack, and headed northeast in my truck. I tried to time my departure in order to arrive at

about the start of the net.

However, it took quite a bit longer to get there than I expected. Check in time came while I was still on the road. No problem, Net Control checked me in with the 10s. It was a good thing I sent an email, since I was on dirt roads at checkin time and could not really hear much.

The GPS was a savior. I would easily have missed a couple of the turns I had to make on poorly marked Weld County roads up in the middle of nowhere land, (actually this is the Pawnee National Grasslands).

The last turn was into a field. The tri-corner landmark turns out to be out in the middle of a big open field. I was not sure if this was public land, but there were not any "No Trespassing" signs, so off road I went.

I parked with my mobile antenna right next to the marker stone just about the time that the net started making contacts. I had no idea this would be such a popular spot to be. Over the course of the 1st round of the 40m early net, I made about 100 new mobile contacts.

Propagation was great that particular night, I was able to hear almost everyone. The logging and radio really kept me a lot busier than I had planned, but for a good cause.

Well, what about the Perseids? About 02:30Z, I was treated to a real nice sunset with rapidly clearing skies.

By the time it was dark, there were no clouds and the Milky Way was a stunning band across the sky. This spot is out in the middle of nowhere, and no kidding.

There was one farmhouse light about 3 miles away to the SW, otherwise what a spot for sky watching! Over the next 2 hours, I observed about 100 good meteor trails including one that lit up the whole sky.

I read a few days later that people think a meteor hit the ground in Saguahe County, which would be about

200 miles from where I was to the SW. I will bet that was the one.

My sky watching went on hold when it came time to make contacts on the 40m Late net. The regulars on the Late net kept me busy logging contacts for about at least an hour. Another 60 mobile contacts went in the log.

Right on schedule at 06:35z, the moon rose over the eastern horizon and gradually began to light up the sky. With the increasing light, most of the faint meteor trails disappeared.

I figured it was about time to head for home. I had not come prepared to camp out there, but it was such a nice evening I was sorry to be leaving.

I really enjoyed this trip and the company of the hams of the Century Club.

In total, I worked 30 states. In my log was a Rhode Island mobile on the early net, Hawaii on the late net, and most everything in between. This little trip was a lot of fun. I am already thinking of where to be next year for the Perseids.

73, Kevin

WMØF

Centurion Subscription

(Continued from Page 13)

That subscription will also be available and the fee is a package deal of \$2.50 per issue for a total annual fee of \$12.50.

The price for sample copies of the Centurion will be \$3.00 with a credit if they subsequently subscribe.

Thanks for your support and keep the cards, letters, pictures and articles coming.

73 de Bill K4SGF

N8DXR Column by Tom in MI

I *gotta* do this, moon and beer keg are full, just bear with me . . .

From the Home Office in Prairieville, Michigan (hopefully, site of the 2003 Eyeball, if I have my way and the bribes do their thing), here is my list of the Top Ten Benefits of becoming an ARRL Life Member:

10 ARRL area director now has to pay attention to me no matter how bad my breath is . . .

9 Leaving local Post Office stuck with all those IRCs they ordered!

8 CQ (and, thank God, Wayne Green) not yet wise to the idea . . .

7 At long last, I can actually write *myself* in for ARRL President!

6 Cool Life Member decals make for poignant compliment to all those HONK IF YOU GAVE O.J. A LIFT bumper stickers . . .

5 ARRL flag flying up pole in front lawn to alert all my neighbors: "Aww, screw working DX -- I'm tapping the Michelob *so come on over!!!*"

4 Discount on Ronnie Millsap at Dayton bootleg concert tapes!

3 One less junk mail mooch for donations in mailbox . . .

2 Can sell boat anchors on members only website as "WWI hi-tech gear"

And the # 1 reason for joining up for good:

1 No more pawing through bookstore's XXX adult magazines to find QST.

Great, now that that is out of the way . . .

A very good point raised by Art/KK2M in an email to me a few days ago: What did I mean when I referred to such items as "all the required point awards" and "all the point certificates in hand" in the last column? The answer to that is the point certificates – and NOT the other CCN awards – that are needed to earn our Masters' Degree.

Under the rules and the award applica-

tion in use at present time (more on that forthcoming), stations looking for our highest honor MUST have in hand certificate numbers for their:

- 2,000 point awards on TWO nets (the Primary and the Secondary band, as the application terms them)
- 100 point (Basic) certificates on ALL of our nets

This part of the column became apparent and needed once the Cross Reference – the listing of CC basic and higher level point certificates by call-sign, as opposed to the more familiar numeric rosters – came into being, as determining who had earned what levels became much easier.

Remember: The original idea behind the CR was to make it easier to find out who had what point certificate numbers for awards that used them in one form or another. The Certificate Hunters, Numbers Racket and Poker Player were the first examples of such awards, and we've added the Millennium Award since.

As for sorting calls by prefix and not suffix (as is done with the various call books), that not only helps those seeking the CC WPX (Prefix) award and the Straight Flush on the Poker Player but also provides for better security and checking on this end when researching and determining Silent Keys!

As always, if you want copies of these items – the CR and the numeric rosters (which I have also retyped) – along with the latest rosters for stations in the 160 meter SSB/CW QSL bureau, which I am sending out since that season is upon us (more forthcoming), just send along two 3.5 disks to N8DXR via the address in your nearest callsign resource.

If you want them emailed instead, that's just as easy (and preferred). The only caution is for you to remember that the files are in Microsoft Word 97 .DOC format, so if you do not have a program that can read them on your

computer, let me know. If you want them on paper – the *very* last resort – just take heed the entire pack comes to around 200 single-sided pages, so be prepared to get a telephone directory (and the wrath of your carrier) in the mail.

Now, let's do a quick check of our Power Rankings, which is the list of how close club members are to the Masters', based on the current application as compared to what they have earned. As you read this, efforts are underway to update all of the club awards, in particular the Masters' as so many new awards have been introduced but nothing has been done to make them count toward the big enchilada.

Rest assured the chefs on the Awards Committee are ensuring the menu is revised, ask about the prices later . . .

. . . and no sooner is this column all set and ready to send off to the big cooker than word comes that N2XTT's club station, NJ2LH, has earned its 2,000 point award on 75 meters and moved up to the on deck circle. Not only are congratulations in order, but also it is time to ask Peter the big question:

NJ2LH needs what awards on which bands to be the first Masters' club? The answer: Poker Player on 40 and NCS award, and even then Peter tells me via email the CCN will never give a club call a Masters' degree.

Peter, I digress . . . and I will save that observation for my next column.

As to the rest rounded up for this part of the list, no changes:

- KD8QQ, lacking six DX on 75
- K7MFG, lacking 14 DX on 75
- N5OHL, needing 11 DX on 75 plus Poker Player and Nite Owl on 40 and 75 meters
- W5IL, needing 14 DX on 75 plus Poker Player on 40 and his Nomad – and give Richard a big hand for becoming 100 pt # 1 on 20 meter PSK!

N8DXR Continued

On second level, those with all the Basic awards but needing these specific higher level point certificates to finish that requirement, NJ2LH's departure leaves these three waiting in the dug-out:

- AA0ZP needs his 2k award on 75 meters
- KD3O needs his 1k and 2k awards on 40 meters
- WK5S needs his 1k and 2k awards on 75 meters

On third level, which involves stations that need only one Basic award to reach the point plateau, there is also a new member. Since our last issue, K1DWI joined this group. He now needs his 40 meter RTTY basic to rise to the top of the entire rankings and get a call/email/carrier seagull (pigeons are in short supply around here, trust me) from yours truly as to what he needs for the Masters'.

As for those who lack only their 100 point award on the 80 meter CW net, no changes to the trio there:

- WQ1H (Dave, what's the latest trip you and Ginger have planned?)
- KA4BHL (Clarence: you still OK, friend??)
- N8DXR (and I already have my winter planned . . . BIG evil grin)

Finally, fourth level stations who just need these Basic certificates to have worked 100 point awards on all our required nets (again, the new RTTY and PSK nets are not yet counted, awaiting the revision):

160 SSB - K5YAA (I'm in a rut on this: Anybody hear from Jerry?)
N1EM (still waiting for any info on this station's future)

40 RTTY - N2BYM, W2WW, WV2X, K8PG, WK9O

40 CW - W9VB (Ditto as to any word on Marty's whereabouts?)

80 CW - W1BYH, KE3ZZ, AC5SU, K6FO, W7DO, WM9H, K0WJ

As an aside: To reach the very top

level once they have all their needed Basic awards, WM9H would need his 2k award on 75 meters while N2BYM and W9VB will each need to get their 2k awards on 40 and 75.

In other semi-related matters (never mind jokes about the truck):

- We're keeping a close watch on Gladys/WB2RWT as she takes dead aim on her 40 meter 10k award to go with her 11k certificate on 75; could someone get in touch with her and have her tell me what states/DX she needs on 40 to get that prize . . .
- Don't forget the list of Missing In Action stations that were published in the August 1, 2001 edition. So far, I have a lead on one of the stations but there are still over 170 to go. Any and all help on this project is needed and appreciated highly. . .
- I still need the date of the first 160 meter LATE net, as well as the date the first 80 meter RTTY net was suspended (or, I suspect, closed for keeps) for a project I am doing for the club web page. I have determined all of the dates for each of our nets but these two.
- My records show the first 160 meter Early net was held on January 1, 1984 but I do not yet have when the first Late net was held; might anyone have made a notation in their log books or QSLs somewhere? As for the first 80 RTTY net, that started on January 1, 1987 but I have no date as to when it was suspended/discontinued formally. The current 80 RTTY net began on May 13, 2000 and is now suspended until the winter season.
- Remember: the 160 SSB and 80 CW nets will be active by the time you get this! As I handle all the QSLs for those nets as well as the ongoing one on 40 CW, remember to make sure I have enough envelopes on file – and if you have any questions, just ask me and I can always check your stash. As for the online rosters of those stations that are in my bureau, they are revised and will be

posted on the web page as soon as I get them to W5WJN, and he gets them up!

- Plans now call for me to put together an address book in my email program so I can send out a monthly newsletter tipping those of you in my bureau with email routes as to all the latest news, rumor and even cheap trashy showbiz stuff (uh, waitaminit, that's trademarked by a Chicago AM station last I checked) . . .

Finally, computer geeks take note of this rather ironic bit of whimsy: Around Labor Day, Jim/KD3O announced the CCN has moved its web page to a new server hosted by our own editor, KB0SG (who will have changed his call – AGAIN – by the time this gets into paper).

Time for MY revenge on having to do more typing . . . by saying do you out there believe in such things as omens and the stars? Try THIS fact out . . .

Bill's new 1,000 point number on 75 meters: **404 !!!**

For those of you not computer savvy, that's the code for a website that is unavailable or no longer working! Talk about tempting fate . . .

Until the Christmas season is upon us. . .

N8DXR

Tom

In MI

The next issue of the Centurion will be our December issue. Articles and pictures are welcome. The deadline for any submissions for the December issue is November 30th.





THE 3905 CENTURY CLUB, INC.

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***The Official Newsletter
of the 3905 Century Club***

We're On The Web
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Subscriptions may be sent to:

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The 2002 Election Season

The annual election season is upon us and at their September 8th meeting, the Board of Directors approved the schedule. Nominations officially opened on September 8th and will remain open until the Board meeting on November 10th.

Nominations are open for both the President and Vice President. Nominations for those two offices must be made through a Board member at one of the upcoming meetings of the Board.

Anyone interested in running for an Area Director opening simply may announce his/her candidacy on any of the 3905 Century Club nets at which a Board member is present. That Board member will then report that candidate back to the Board.

At the November Board of Directors meeting the election slate will be approved by the Board and nominations will close.

Some candidates have already been announced or nominated. N2XTT Peter has announced that he will run for re-election for the 2nd Area Director as has WY8V Earl in the 8th Area, AAØZP Frank in the 10th Area and AC6LU Ray in the 6th Area.

So far the nominated candidates are for President – K4SGF Bill Martin and for Vice President – AA9ZF Maynard Anderson.

All voters must have a Century Club 100 point number from any of the club nets issued prior to January 15th 2002. This number must accompany your vote to be a valid vote along with your call sign.

Snail mail and e-mail ballots for Area Directors are to go to the following persons no later than January 15th, 2002:

President and Vice President to K8MZA Ricardo ricmeana@juno.com

2nd and 4th Areas to Ron N3EQK-n3eqk@home.com

6th and 8th Areas to Jim N5UJB-n5ujb@rli.net

10th Area to Steve WK5S-ssparks1@austin.rr.com

The on-the-air election for President and Vice President will be held on January 30th, 2002 on the 40 meter SSB Net from 0001 UTC until 0200 UTC and then on the 75 meter SSB Net from 0201 UTC until no further votes are cast for 15 minutes or 0400 UTC whichever comes first.

The election results for the even-numbered Area Directors will be announced during the on-the-air elections.

The results of the election for President and Vice President will be announced following the close of voting.

AAØZP will be conducting the on-the-air election on both bands.