

THE BLACK HOLE



ARRL SS Unlimited Team Champs 2000, 2001, 2002

Official Journal of The Society of Midwest Contesters

Volume XVI Issue 1

July 2003

Editor's Chair

by Pat Barkey, N9RV

Welcome to the long overdue rebirth of the Black Hole. When I complained to Paul, K9PG, about the demise of our newsletter, I got the job! You'd think I'd learn

We're a big club, and part of my goal as your Black Hole editor is to try to bring us a little closer together, so we get to know more about each other. And maybe learn a few tricks, too.

A lot has happened over this contest season – where can we even start? We've had SMC'ers in Finland with WRTC, in Curacao whipping up on the competition in the ARRL DX SSB, and, of course, staying home and collectively setting another milestone in the SS. It's been a great year, that's for sure.

Why not share some of your stories and thrills here for the rest of us to enjoy? If you've got a tip, an experience, or just something you'd like to share, pass it along and we'll make sure it gets in here. Thanks to WB9Z, AK9F, KI9A, W9RE, and KA0GGI for their contributions to this issue. And, a big thank you to Brian, K9QQ, for his fantastic job publishing and supporting the web site.



Upcoming Contests

Aug 2-3 — NAQP CW

Aug 2-3 — ARRL UHF Contest

Aug 2-3 — EU HF Championship

Aug 9-10 — WAE DX Contest

Aug 16-17 — ARRL 10 GHz and up Contest

Aug 16-17 — NAQP SSB

Aug 23-24 — Hawaii QSO Party

Aug 2-3 — ARRL UHF Contest

Nov 1-3 — ARRL SS CW

Nov 15-16 — ARRL SS SSB

Not Just Good in Sweepstakes!

by Pat Barkey, N9RV

OK, so we should be modest, BUT. Who says that SMC is only good at Sweepstakes? Just got my CQ magazine with the 2002 CQ WW SSB results, and I see:

- Three SMCers (N9RV, W9RE and WB9Z) all in the top ten SOAB HP! More W9's in top ten than W1's!
- N4TZ/9 is #2 USA in SOAB LP! Another 100 QSOs and Terry would have been #1!
- K9NS a very solid #3 in the extremely tough M/M competition with over 16 million points. Great job, guys.

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The Black Hole



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SMC Stuff

Club badges can be obtained by sending a check for \$5.50 to:

Midwest Engraving
6920 W. North Ave.
Milwaukee, WI 53213

Phone (414) 258-8655
FAX (414) 258-8656

Be sure to note that it is for a "Black Hole" badge and please allow a couple weeks for delivery.



KC9FD

SOCIETY OF MIDWEST

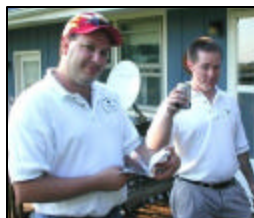
SMC Clip-on Badge

by NV5A

The SMC logo appears at the top-center of the badge in black and white. Your call sign, first name and city & state appear in dark blue. The SMC name badge as shown with the slot & strap with swivel alligator clip, but there are other choices.

Price: \$14.50 (includes s&h).

Order now from **The SignMan**



SMC Shirts

SMC short-sleeve Polo shirts are available in two styles: white shirt with "SMC" in black and "name and call" in blue lettering as shown below, or red shirt with black lettering. The cost is \$20, including shipping. You can email your orders to AD9P@aol.com (AI) or N0UXQ@aol.com (Sandy)

W9SMC

Official Callsign
of
The Society of Midwest Contesters

SMC Web Page: www.w9smc.com

Member Profile: N9RV

Jerry Rosalius, WB9Z and Howard Dybedock, AK9F

This is the first of what will be a series of columns in the Black Hole that feature interviews with the members. Through our questions and their answers, we will attempt to develop a sense of the subject's history in amateur radio and their movement into contesting so that when we meet or work them, we'll have a better idea of who they are, why they are into contesting and how they got there. And, of course, we'll perhaps glean a bit of information about their success that can help the rest of us become better testers. Since Pat, N9RV, asked us to moderate this column, it only seemed fair that he would be our first 'victim'!

Pat, give us a bit of background on your ham radio history...how did you get interested in radio? When? How old were you when you made your first Q? Your first ham radio? First antennas, etc.

I got started out in SWL when I was 10 years old growing up near Flint, Michigan. Finally got the nerve to approach a local ham who was an engineer at Dow Chemical, K8DGK. What a super guy. Took me through every aspect of the hobby, and I became WN8YVR in 1967 at age twelve. (Later WA8YVR until 1994, when N9RV was born). I had some unbelievably crappy antennas -- indoor attic dipole on 15, and an inverted Vee on 40 that was right next to

the house. I had a pretty good paper route and spent every cent of it on radio! Things sure haven't changed there! Started with an DX-60/HR-10. Shuffled through a lot of radios back then.



One thing that really steered my ham radio career at an early age was when I first got my general. I was so excited to be able to operate phone. The thing was, I was 13 years old, and my voice hadn't changed yet. With a name like "Pat" this was an unexpected problem. The first guy I worked said something like "Wow, you are the first YL I've ever worked ..." I didn't listen to the rest of the sentence. I just spun the dial and headed back down to CW (and hardly came back for years).

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Rambling Between Events

by Mr. t0ad (also known as KA0GGI)

Every 4 years, the WRTC brings about a special electricity in the contesting Community. For me, it's pure awe ... the best of the best, worldwide. And I've considered the tangible assets necessary to get there ... a high-speed CW animal who likely hears 20 in one ear, 15 in the other, both at the same pitch and speed, and easily discriminates between the two ... a bad to the bone, fast-talkin' slow walkin' fone freek ... this fellow wouldn't be caught taking five in WA4D's Contesters Aid Station anytime during a 48-hour enduro ... and type at a heat-generating speed that actually takes some of the letters and numbers off the keys ... the number nine, for example ... " worked so many damn 9s the number plum wore off the keyboard " ... CW skills, phone skills and transcription skills ... these guys are tri-athletes ... I'm new in the swamp and it's always a reminder of my performance when reading the post-contest Reflections from the guys who were hearing and logging some awesome SMC top-box scores.

Tangibles and Intangibles. Radio skills are the touch tools of the successful tester today ... but those Intangibles? "Always a reminder" ... that has a taste of Humility to it, and the WRTC competitor has been humbled many, many times in his quest to the radio championship. Humility made him better and better and better.

Before every contest, it's very common to spend quite a bit of time preparing mentally for the event ... " i'm gonna do this, i'm gonna do that, i'm gonna kick some major log-but in this one " ... ya gotta love it ... and ... we do... it's part of the Attitude. It's this intangible that pushes us to make our first 500 Qs because we knew at the start it was do-able, especially since we're feeling LOUD today ... Attitude and performance are compliments during the skirmish ... ya gotta have it, and like Tolerance, it is developed coincident with Humility.

Hey, Pat, wasted alot of space here and this should have been a better story ... like maybe how Mr. t0ad endured the SS CW Sprint for the second year in a row, left the swamp and came ashore as a Cat? You know it, I know it, the East and West coast's know it ... this is one helluva Club and a great bunch of folks ... **GO SMC.**



SS 02, The Real Numbers

by Paul Gentry, K9PG

In SS 2003, the NCCC had 157 logs, 72 for CW and 85 for SSB, for 15,044,030 mil points, and an average of 94.7k points per log.

When you take the SMC's top 72 CW logs and top 85 SSB logs and combine them, you get a score of 17,373,814 for an average of 110.6k points per log. We beat them by 2,329,787 points with the same number of logs.

PVRC had 180 logs, 87 for CW and 93 for SSB, for 14,747,766 mil points and an for an average of 85.3k points per log.

When you take the SMC's top 87 CW logs and top 93 logs and combine them, you get a score of 18,540,336 for an average of 103k points per log. We beat them by 3,792,570 points with the same number of logs.

So this is how it is folks, not only do we have the highest score by far and the most logs by far, but when you compare our numbers equally against the left and right coast, our numbers are better! The numbers speak for themselves.

All this talk the past couple years about "the SMC only had an average score of xx,000 *ed.* points per log, while the (far superior) other clubs *ed.* had an average score of xxx,000 *ed.* and xxx,000 *ed.* points per log respectively ... the only reason the SMC won is because they had more logs." doesn't mean jack squat. And it's just a bunch of nonsense (insert your favorite adjective here!) and shouldn't even be talked about in the write up IMO.

The folks at the ARRL can sugar coat it however they want, but we did not win SS just because we had more people get on. We won because we wanted it more, because we're more organized, and because we're just plain better than they are ... and the numbers prove that.

I did a little more number crunching. I thought that it might not be entirely accurate using the same number of SMC logs compared to the NCCC and PVRC. So I decided to do the top 50 from each mode (100 total) and compare our scores to theirs.

If you take the top 50 logs from each mode for each club, 100 logs total, you get the results in **Table 1**.

Now if you do the top 25 logs per mode from each of the 3 clubs, the NCCC tops us by about 670k points, 9,137,420 (182,748 avg ppl) to 8,465,624 (169,312 avg ppl). PVRC is 3rd again with 8,147,774 (162,955 avg ppl). But in my mind that doesn't mean much since 50 logs puts you in the

Club	CW Score	SSB Score	Total Score	Avg Score/Log
SMC	6,148,414	7,374,946	13,523,360	135,233
NCCC	5,583,024	7,768,660	13,351,684	133,516
PVRC	6,024,960	6,332,722	12,357,682	123,576

Table 1

medium category, and that's not what we're competing in.

In any event, the numbers still speak for themselves.

And that's the bottom line because K9PG said so!

SMC Needs Your Support

As one of the top contest clubs in the nation, we continue to sponsor 500 plaques for a number of the major contests and make monetary donations in the interest of promoting radio sporting.

A few years ago, we decided to eliminate formal dues, and instead, maintain funds through member donations.

Please consider making a donation to the club. You can send a check, money order or cash to:

JON OGDEN NA9D
905 SURREY LN
ALGONQUIN IL 60102-2058

Or use Paypal... www.paypal.com and email your donation to dues@w9smc.com.

Can you identify this SMC member at WRTC 02?



USING CATV HARDLINE

By Mike Wetzel, W9RE

Since end of reel CATV, 75 ohm, hardline is available basically for free, I started using it in the early 80's. It is pretty impervious to water even if it the ends have not been capped. The CATV line that I get in the Indianapolis area is .75" o.d. aluminum, foam filled, with a center conductor of copper clad aluminum about #10 gauge in size. When using a piece I usually cut off the last 6" or so and it looks new inside.

I went through a couple of iterations of developing terminations and have come up with an inexpensive and reliable solution. I first tried drilling and using aluminum solder to connect to the center conductor with a bulkhead type SO-239. This was moderately successful with the distinct disadvantage of having to solder sometimes up on a tower with the accompanying problems.

The final iteration I came up with follows:

- First I use a hacksaw to cut the outer aluminum back about .5".
- Next I use a knife and remove the foam. Also using the knife or emery cloth to remove the foam from the center conductor.
- Then I use a file to smooth up the outer aluminum and also bevel the tip of the center conductor.
- Next I take a double female (PL-258) connector and fit it to the center conductor. I file down the center con-

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10 Years Ago in the SMC

- Ralph, K9ZO, was our President
- Da Bulls complete the 3-peat! 10 years later SMC completes the 3-peat. Coincidence, I think not!
- KA9FOX and WE9V win the 1992 ARRL SS on CW and SSB respectively in the QRP category.
- K9ZO hosted the 2nd Annual SMC Summer Picnic.
- The hot discussion on CQ-Contest was about "equalizing" contests, and ranking/handicapping operators.



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- P40A by KK9A coming within an eyelash of winning the World in the 20 meter single band category. Super job, John.
- Other SMCers showing up in the top listings were AG9S and KX9X, who were locked up in a battle for W9 and USA 21 MHz low power.

I am sure that there were many more personal best scores, etc. I think we are really putting W9 on the map in all contests.



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How did you get exposed to contesting? How long had you been operating before you found out about radio contest? Was there anyone who exposed you to contest, or did you just stumble upon it? Are there any early day 'Elmers' you want to mention?

When I was growing up, it seemed like hams were everywhere. I had talked a buddy of mine into becoming a ham, only to see him move away. But, incredibly, the family who moved into their house had a kid my age who was already a ham. This guy got me into CW traffic, which I spent a lot of time at.

One day, while I was waiting for 8RN (the regional NTS net for 8th call area) to start on 3530, I heard all these familiar calls sending "CQ CD." It was the CD party, a now-defunct contest that the ARRL used to sponsor four times a year. I jumped right in and had a blast! This was, maybe, 1970.

My real contest apprenticeship came when I started college at Univ of Michigan in 1971. N4KG (then W8FAW) was starting grad school, and we managed to keep the college club station (W8UM) pretty active, attaining 5BDXCC and running every contest in sight. (Although my grades were another story). There were a lot of "firsts" for me -- first time with an amplifier and decent antennas, first time working low band DX, etc., but not too many first place finishes! There were an awful lot of good ops in Michigan in those days and we mostly ate their dust.

What kind of equipment and antennas did you have at your early contest stations?

I've been involved in three or four contest stations. They keep getting bigger. My first CQ WW was in 1972 from a station in Michigan with an 80 foot Rohn 25 tower with three four element monobanders on it for 20/15/10. We had a wire beam for 40, and a quarter wave vertical on 80.

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We didn't know 160 even existed. It was at WA8SWM's (now W7WM) house and it really played. We used old Heath stuff -- an SB-102 and an SB-220. We were very young and dumb as rocks about tower work. Neither one of us owned a safety belt (we used to tie ropes around our-waists).

In the mid-1970's NA8V and I built up a pretty big station at his parent's house. That's probably where I learned the most about station building, mostly by doing things wrong. It took a long time, but we eventually built up a pretty big station with four towers, lots of Drake C lines and homebrew amplifiers, and put up some decent scores. We took turns doing single op. It was fun, but man, did things ever break down in that station



You upgraded your station later on, to what?

The first station I had at my own house since high school was when I lived in Columbus, Ohio. And I cheated -- I bought KN8Z's old house and it came with two towers! But that job only lasted three years, so I never got it built up the way I wanted.

Your final monster station consists of?

I've been at my present QTH since 1994, and it has taken quite a while, but I now have three towers up. The smallest is a 70' Pirod tower with Telrex monobanders for 20/15/10. That was all I had up until two years ago, when I put up a 140 foot rotating Rohn 55 tower that I took down from KN8Z's in Ohio. It has a four-high stack on 15 and a three-high stack on 10 meters, all homebrew antennas on fairly short booms. Its also got a 2-element Cushcraft 40.

Last summer I finally finished the third tower, which is 160'. It has a 4-el full sized OWA-style 40 meter beam, with a three-high stack of 5 el 20's on it. All rotors everywhere are Prop pitches. On 80 I have a 4 square made out of extended HyTowers, with a wire vertical and three 2-wire beverages for 160.

Inside I've been using the same IC765 for 10 years, picking up a second one a couple of years ago (on very nice terms -- thanks, W8LVN). Busted the budget on amplifi-

ers over the last three years, acquiring an Alpha 87A and a Commander amp. Lots of homebrew SO2R switching stuff.

I know you have operated from K3LR and have been a driving force from Tim's on both modes. You were part of the big K3LR MM win a few years back?

Maybe a little about that win and other's from K3LR. I started going up to K3LR's in the early 1990's when I lived in Columbus. I didn't know Tim very well at the time, but everyone knew his reputation, both as a technical guru (Tim was "Mister C Line") and as a super operator. Little did I know how addictive that would prove to be.

Multi-multi is a really great category. I am sure that K9HMB and his crew can relate to this. It gets in your blood. The contests are like going to war, they involve so much hard-ware and planning. So as Tim's station started to improve and we started to get closer to winning, it became almost an obsession. I am sure that one of the reasons why it took me almost eight years to get my station going here was all the time I spent driving over to Tim's for the DX contests.

But it was very satisfying pushing the envelope every year, trying new hardware, recruiting operators. Not everybody works out well in the M/M environment. Some "big name" ops came out to K3LR and fell flat on their faces, while some of our guys who no one knew very well at the time (like SMC's own KO9A -- another K3LR refugee) just shone.

You have made many big scores with many top 10 scores from W9RE in the past with your call and with Mike's call. How about some history about the big scores from Mike's.

Well, every time I've operated from Mike's place I've used his call. I've got all the QSL cards I need! I've actually done two tours of duty in Indiana -- first in the late 1980's when I lived in Bloomington, and since 1993 at my current place outside of Muncie.

I first heard of Mike's station in the early 1980's, when a bunch of Michigan guys drove down and came back with stories of all his awesome hardware. So when I got my job in Bloomington in 1985 I gave him a call, and we started trading notes with each other, and we haven't stopped doing that to this day. There really wasn't much prospect of my building a station in Bloomington, and I am sure Mike's wife Ann was ready to start charging me room and board! But I sure got an education in efficiency and innovation, although Mike's energy on antenna projects was almost scary. How many guys do you know who don't let the setting of the sun stop them when the work is going well (just set up the lights, eh?).

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This was a time when computers were really starting to show up in contesting, and it just seemed like the scores became turbo-charged! Guys like K9PG (no offense, Paul) probably couldn't conceive of working just 1100 people over a 48 hour contest, but that could have been a winning score in the 1970's. Especially after a 1987 ice storm wreaked havoc and we ended up putting up nine new yagis at Mike's the following summer, it was fun to collaborate on station ideas.

Somewhere in there, Mike offered to let me pilot the station in the CQ WW CW, which I think I first did in 1986. Scores seemed to go up every year, and by 1990, when I left for Ohio, the W9RE call was landing in the top ten pretty regularly. In 1998, I was getting a little bored with running 20 meters at the K3LR multi/multi's, and Mike let me run the WW CW again from his place. This was my first serious single-op all band in maybe six or seven years? With two-radio contesting really taking off, and with high spots, things just went super well. Probably the best year was the first year I used TR at Mike's in 2000, when I had over 4000 Q's and set the current zone 4 and W9 record for the WW CW at 7.4 meg.

Anyone in particular you want to mention that has "helped" you out?

You definitely learn a lot talking to other contesters. I keep learning all the time. In 1975 I got a chance to go to N4AR's super station in Kentucky for a WW CW multi-op. Bill is one of my all-time operating heroes. I was just this long haired kid, green as grass, and when I tuned the bands I'd call everything that squeaked. Bill would take an extra second or two and actually copy the call sign before he called! And maybe even check the dupe sheet and/or turn the antenna first. That was a big revelation to me at the time.

To tell you the truth, you learn a heck of a lot by losing. In this part of the country you get a lot of experience with that! Lot's of time you learn where your station stinks, or where you missed a big band opening. But sometimes you learn something fundamental about

Have you contested outside the USA? What calls etc....any Dxpeditions?

Nah, this is really something I have very little experience with. I am almost afraid to go to the Caribbean -- it might be too much fun and I'd never turn the radio on at home again. Only overseas radio experience for me was in Finland during the WRTC 2002 (thanks SMC for the support!).

Biggest thrill/thrills in so far in contesting? Biggest thrill/thrills in general ham radio if you have any?

Well, to tell you the truth, the biggest thrill for me is getting this station here in Indiana off the ground after way too many years of planning, acquiring, and building. After spending every weekend for so many years on some kind of station building activity, I keep having the thought -- "whoever says that DX is no challenge with monoband stacks has never faced the challenge of putting up monoband stacks." They are an incredible amount of work. But I get more satisfaction out of station building and contesting than in just contest operating alone. But as far as operating, the high point for me has definitely been the two WRTC's I have had the honor of participating in (1996 and 2002). You fire up a 100 watt rig, plug it into a piece of crappy coax that is connected to a tribander scraping the roof, and poof! You have a massive pileup on you, going faster than you ever could from home with 5 times the station.

Your personal life, your age, what you do for a living? Wife, kids, girl friends, etc. how much money you make....no! hi!

What personal life? This is Indiana!...Ah, well, on weekdays and non-contest weekends, I am a humble 48-year old economist who runs a small business research center at Ball State University. My wife Rita is a writer, and we have two kids -- a son who is a sophomore at Indiana University, and a daughter who works as a dress designer near Dallas.

Where do you see radio contesting going?

We are heading into a sunspot minimum, and that's going to be a challenge for ham radio in general. I think the member organizations like ARRL are in for another financial challenge, and that's clearly going to affect contests. But right now there's no question that contesting is as healthy as it has ever been, with record activity levels, log submissions, scores, etc.

I don't know how many SMC members have had experience in sunspot minimum conditions. It sure helps to operate CW. 20 meters might be the only DX band open during the day, and on SSB it can get pretty tough with an average station. But it is a different kind of challenge, which is interesting and fun. Stations are so much better equipped these days that you can make scatter QSOs, skeds, etc. that would have been hard to pull off in the Iron Curtain, low tech days of old.

I know you prefer CW over SSB by a wide margin, maybe a little humor about that?

Well N4TZ (who works in my same building at BSU) keeps calling me a phone op because I own a microphone. And my operating has become more balanced between

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modes. With all this work into station building, it seems like a waste to let it sit idle.

Most of the funny stories (at my expense) are about multi/multi operating, mostly at K3LR. I have always been the 20 meter operator there, and on SSB in particular, it is like trench warfare. One year we were running the WW SSB, and we had a super-good start. I was running Russians near the bottom of the band and needed to take a leak. So I flagged the 10 meter guy over to call CQ and hold the frequency for a few. My last words to him were something like "Don't lose this frequency -- it's a great frequency." I never bothered to look at the S meter, which was a steady s9+10db. When I came back he was just staring at the radio with this shell-shocked look on his face. He didn't know that on 20m SSB, a frequency with only s9+10 dB QRM was a very good frequency indeed. I sat down and resumed running warbly Russians.

There have also been some memorable moments in the M/M band-teams. We've had two-man teams on the higher bands at K3LR's for quite a few years, and you basically live inside each other's brains for 48 hours. Some of the pairings work great, and some don't. One year I was operating with N2AA, who is a great op, but he and I were like oil and water. I don't think we could have agreed on what time it was, let alone where to point an antenna. Somewhere in the middle of the contest, K8GL -- resident comedian and 160 meter op -- typed a "Gab" message that popped up on all of our computer screens: "Look, Pat and Gene are getting along like long lost brothers," and we all broke up.

Any other thought...please add whatever you like.

Well, I would like to say that everywhere I've been I've always been at the fringe of some contest club. In Michigan we were in Mad River (centered in Ohio), and in Columbus I was at the very edge of North Coast Contesters. Now I am at the very edge of the SMC circle. In the case of SMC, this is a real challenge, because there is such a core in Chicago and Wisconsin that I really don't know at all. But the great thing about SMC is that people get on the air. The SS is really one of my least favorite contests, but how could you not get on with all those guys showing up for the club? It is just amazing what Paul (and presidents before him) have done to put SMC on the map, and it certainly has raised the bar for other clubs to try to match.



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ductor just slightly so the barrel (PL-258) goes on tightly. The end of the barrel should just barely touch the foam/aluminum jacket.

- Then I take a scrap piece of .75" x .058" wall tubing about .5" long and slit it lengthwise taking out a slot of about .125" of material. This sleeve should slip over the center of the barrel.
- Next I take a piece of .875" x .058" wall tubing about 1.5" long and slit (about .5") in 4 places on both ends. Use a file to clean and debur this piece of tubing. This piece should slip over the hardline aluminum and also the .75" piece should slip inside this outer piece.
- Now I use two #12 stainless steel hose clamps that go over the .875" piece at each end. One end is positioned over the outer aluminum hardline and the other is positioned over the .75" piece which is centered over the center of the barrel. Use Noalox on the connection points.
- I usually assemble the termination, tighten it all down, take it apart. Then I apply one or two layers of Scotch 33, put the hose clamps back on and tighten up again. You have to tighten it up pretty snug, you can test to see if it is tight enough by putting on a PL-259 and seeing if the barrel is turning, if it is tighten some more.

I have used these terminations since the early 80's with no failures.

I used this approach to splice 2 pieces of hardline together (using 2-barrels and a 4" piece of the center conductor covered by a 6" piece of .875" tubing. This splice was an aerial splice subject to wind flexing and it would fail on me about every couple of years. What I did to fix this problem was to use spark plug grease to fill the cavities inside the .875" tubing and this solved the problem.

I'm sure using the grease inside the normal termination would be another way of weatherproofing the connection. It all adds up to a low loss feedline for the price of a couple of PL-258's.



W9DXCC

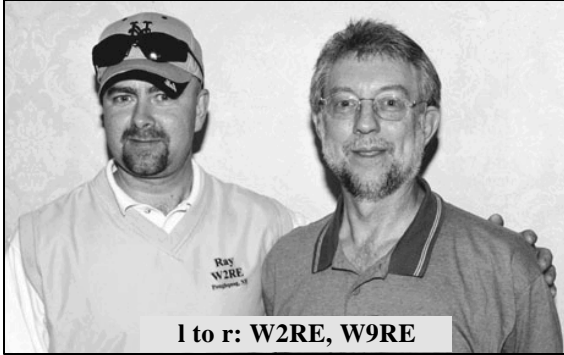
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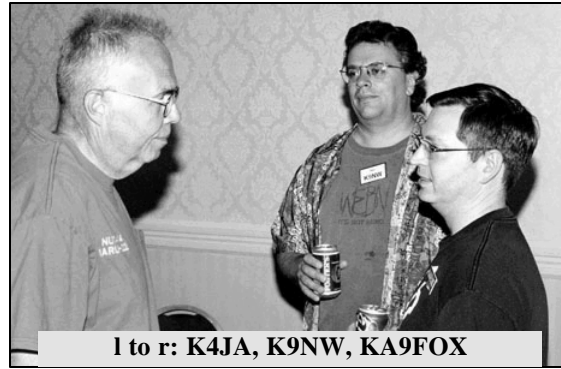
W0DXCC

October 18, 2003

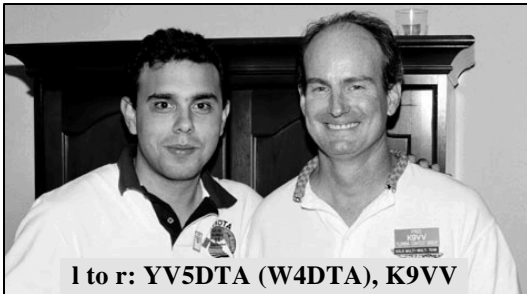
<http://www.w0dxcc.com/>



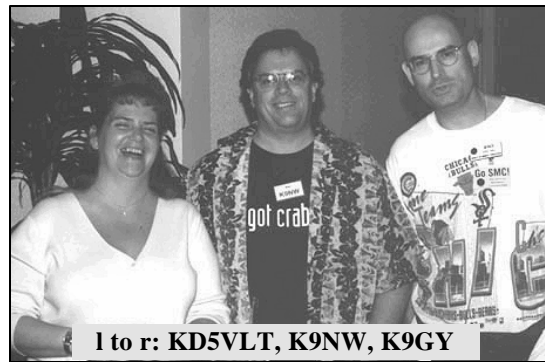
l to r: W2RE, W9RE



l to r: K4JA, K9NW, KA9FOX



l to r: YV5DTA (W4DTA), K9VV



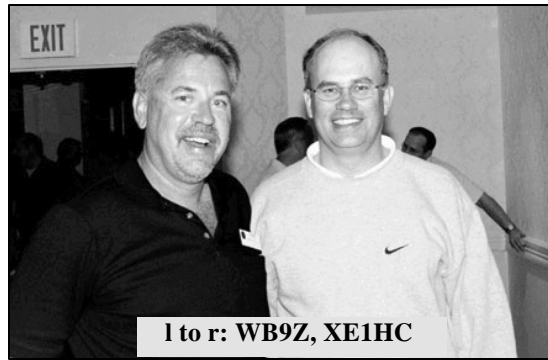
l to r: KD5VLT, K9NW, K9GY

SMC Does Dayton 2003

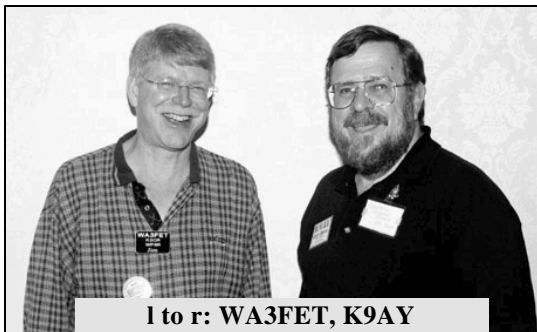
Photos from K8CX



l to r: W6AE, K9PG



l to r: WB9Z, XE1HC



l to r: WA3FET, K9AY



l to r: KQ1F, K1XM, K9CC, K3ZO, K4YT

SMC Area Fall NA SPRINT CW Records

Top 20 Scores

Call	Name	20	40	80	QSOs	Mult	Score	Team	Area	Yr	Top 10
AG9A	Mark	118	149	70	337	47	15,839	SMC#1	IL	01	10th
N9RV	Pat	124	142	81	347	45	15,615	NCC#1	IN	00	4th
AG9A	Mark	114	129	67	310	50	15,500	DLCS	IL	99	10th
K4VX	Dave	104	133	95	332	46	15,272	MRRC 1	MO	96	1st (WX3N)
N0NI	Ed	126	136	89	351	43	15,093	SMC#1	IA	00	
N9RV	Pat	122	133	71	326	46	14,996	SMC#1	IN	01	
K9NW	Mike	109	125	77	311	48	14,928	SMC#1	IN	01	
K4VX/0	Dave	104	114	101	319	46	14,674	SMC 1	MO	90	3rd (WOOG)
K4VX/0	Dave	118	119	73	310	47	14,570	SMC	MO	89	9th (WOOG)
W9RE	Mike	99	123	85	307	47	14,429	SMC#1	IN	00	
K4VX/0	Dave	114	114	93	321	44	14,124	SMC 1	MO	91	6th (AA9AK)
N9RV	Pat	103	147	86	336	42	14,112	SMC#1	IN	02	
N2NC	John	120	120	51	291	47	13,677	SMC#1	IL	01	
W9RM	Dave	98	119	85	302	45	13,590	MNMAI	IL	98	
											9th (W9QA)
K9NW	Mike	97	128	86	311	43	13,373	SMC#1	IN	00	
K9XD(LP)	Paul	102	116	53	271	49	13,279	SMC#1	IL	01	
											9th (K9PG)
K9NW	Mike	98	131	86	315	42	13,230	SMC#1	IN	02	
K9NW	Mike	81	126	71	278	47	13,066	MRRC	WI	99	
K9ZO	Al	99	82	85	266	47	12,502	James	IL	88	
AG9A	Mark	108	113	58	279	45	12,555	SMC 1	IL	91	

Top 10 QSOs

Call	20	40	80	Total	Yr
N0NI	126	136	89	351	00
N9RV	124	142	81	347	00
AG9A	118	149	70	337	01
N9RV	103	147	86	336	02
K4VX	104	133	95	332	96
					9th (WX3N)
N9RV	122	133	71	326	01
K4VX/0	114	114	93	321	91
					9th (AA9AK)
K4VX/0	104	114	101	319	90
					9th (WOOG)
K9NW	98	131	86	315	02
K9NW	97	128	86	311	00
K9NW	109	125	77	311	01

Top 10 Mults

Call	Mults	Yr
AG9A	50	99
K9ZO	48	99
K9ZO	47	88
K4VX/0	47	89
		9th (WOOG)
K9NW	47	99
K9AA	47	99
K9BGL	47	99
W9RE	47	00
N0BSH/9	46	88
K4VX/0	46	90
		9th (WOOG)
K4VX	46	96
		9th (WX3N)
AG9A	46	97

Top 10 SMC Teams

Team	Yr	Score
SMC#1	01	119,161
SMC 1	91	118,425
SMC#1	00	111,730
SMC 1	90	87,873
SMC#1	02	86,195
SMC	89	77,178
DLCS	99	74,434
DLCS	97	52,760
Dead Liz	94	49,230
SMC 007	92	45,476

Top 10 Finishers

Call	Place	Yr
K4VX/0	9th	89
		9th (WOOG)
K4VX/0	3rd	90
		9th (WOOG)
K4VX/0	6th	91
		9th (AA9AK)
K4VX	1st	96
		9th (WX3N)
AG9A	10th	99
N9RV	4th	00

NA SPRINT CW

7 Sep 03

SMC Area Fall NA SPRINT SSB Records

Top 20 Scores

Call	Name	20	40	80	QSOs	Mult	Score	Team	Area	Yr	Top 10
WO0G	Dave	141	133	64	338	49	16,562	Phoneys	MO	89	7th
N9RV	Pat	106	125	104	335	48	16,080	NCC	IN	00	10th
AG9A	Mark	118	102	91	311	50	15,550	DLCT	IL	94	9th
K9ZO	Mark	136	82	62	280	55	15,400	DLCT	IL	95	3rd
(AG9A)											
K9ZO	Ralph	105	110	87	302	50	15,100		IL	89	
WX3N	Dave	89	124	83	296	51	15,096	DLCT	MO	94	10th
W9RE	Mike	110	103	91	304	49	14,896	SoMWC 1	IN	87	6th
W9RE	Mike	100	120	86	306	48	14,688	SMC#1	IN	00	
K9ZO	Ralph	98	114	80	292	50	14,600	SoMC	IL	91	8th
K9AA	Paul	72	136	80	288	50	14,400	SMC#1	IL	00	1st LP
KA9FOX	Scott	87	124	88	299	48	14,352	SMC#1	WI	00	
KA9FOX	Scott	112	102	78	292	49	14,308	DLCT	WI	95	5th
AG9A	Mark	93	105	74	272	52	14,144	GMEOS	IL	97	5th
K9ZO	Ralph	107	100	86	293	48	14,064	SoMWC	IL	90	5th
W9RE	Mike	115	90	93	298	47	14,006	SoMWC	IN	98	5th
AC9C	Mike	96	108	103	307	45	13,815	SoMWC 1	IL	87	10th
K4VX	Mark	69	122	74	265	52	13,780	SoMWC	MO	96	3rd
(AG9A)											
WE9V	Chad	99	99	77	275	50	13,750	DLCT	WI	95	6th
W9RE	Mike	113	96	73	282	48	13,536	DLCT	IN	95	7th
W9RE	Mike	84	100	82	266	50	13,300	DLCT	IN	94	

Top 10 QSOs

Call	20	40	80	Total	Yr
WO0G	141	133	64	338	89
N9RV	106	125	104	335	00
AG9A	118	102	91	311	94
AC9C	96	108	103	307	87
W9RE	100	120	86	306	00
W9RE	110	103	91	304	87
K9ZO	105	110	87	302	89
KA9FOX	87	124	88	299	00
W9RE	115	90	93	298	98
WX3N	89	124	83	296	94

Top 10 Finishers

Call	Place	Yr
W9RE	6th	87
AC9C	10th	87
K4VX/0	9th	88
(NU9R)		
WO0G	7th	89
K9ZO	5th	90
K9ZO	8th	91
AG9A	9th	94
WX3N	10th	94
K9ZO	3rd	95
(AG9A)		
KA9FOX	5th	95
WE9V	6th	95
W9RE	7th	95
K4VX	3rd	96
(AG9A)		
AG9A	5th	97
W9RE	5th	98
K9ZO	9th	98
K9XD	7th	99
W9RE	10th	99
N9RV	10th	00
NA SPRINT SSB		
14 Sep 03		
NX9T	10th	02

Top 10 SMC Teams

Team	Yr	Score	Place
DLCT	94	115,893	1st Place
SMC#1	00	111,723	2nd Place
DLCT	95	110,823	1st Place
SoMWC 1	87	100,064	
Bubba	93	87,917	
DLCT	99	81,417	2nd Place
SMC&FndS 02	79,166	2nd Place	
SoMWC	98	58,350	3rd Place
SoMWC	90	50,412	
SoMC 1	91	60,526	

Top 10 Mults

Call	Mults	Yr
K9ZO	55	95
(AG9A)		
WX3N	52	93
K4VX	52	96
(AG9A)		
AG9A	52	97
WX3N	51	94
K9ZO	50	89
N0BSH/9	50	89
K9ZO	50	91
AG9A	50	94
W9RE	50	94
WE9V	50	95
K9AA	50	00 LP

Top 10 Finishers (cont)

Call	Place	Yr
AG9A	5th	97
W9RE	5th	98
K9ZO	9th	98
K9XD	7th	99
W9RE	10th	99
N9RV	10th	00

NA SPRINT SSB
14 Sep 03

Member/New Member Information/ Update Form

Name: _____

Call: _____

Address: _____

Phone: _____

E-mail: _____

Please send updates to:

Jon Ogden, NA9D
2 S 872 Wagner Road
Batavia, IL 60510

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