



Potomac Valley Radio Club Newsletter

August 2008 Edition

Visit us on the web at www.pvrc.org
and www.pvrcnc.org

*See You At The PVRC Fowlfest on August 16th
And At The NR4M Open House on August 23rd*

From The President

Our editor asked us to keep it short. Because it's that time of the year and things are kind of slow, I'm happy to oblige.

I hope you'll all be able to join your fellow PVRCers at the Fowlfest on Saturday, August 16 and the open house at NR4M's the following Saturday, August 23.

I'm happy to announce the formation of the Colonial Capital Chapter in the Williamsburg, Virginia area. The chapter will be headed by Hershel W4TMN and fills in a bit of a gap between our Central VA (Richmond) and Tidewater chapters.

Finally, I am happy to announce that Neal Campbell, K3NC, has agreed to take over the 5 Million Award from Anthony WM3T. Anthony indicated a desire to pass along the torch after many years of managing this valuable program for all of us. The transition will take this summer. Please join me in thanking Anthony for his years of valuable service to the club. Its members like him that keeps this club ticking.

Enjoy the rest of the summer!

73, Ken, K4ZW

Editorial Musings

What an interesting end of the contest season and summer it has been. It has been one of seemingly more talk — or rather, more keyboard chatter — than actually operating.

The second half of the 2007-2008 season began with the revelations of cheating and the (at best) reluctant acknowledgement by contest sponsors that their rules might be unnecessarily vague and confusing and enforcement lax. That debate was then overshadowed in late spring with the long awaited deliveries of the much heralded Elecraft K3 transceiver. This set off a string of “my radio is better than your radio” debates that pitted the Elecraft, Ten Tec and FlexRadio loyalists in a seemingly unending battle of words.

And then along came CW Skimmer. VE3NEA's groundbreaking software, apparently not designed for contest work, became the lightning rod within the contest community, bringing together all of the lingering and nagging issues spoken about for years in the hallways and hospitality suites at Dayton. But those days are now over.

(Continued on page 7)

Mark Your Social and Contest Calendar

<i>August 16</i>	<i>FowlFest @ W3YOZ (Churchton, MD)</i>
<i>August 23</i>	<i>NR4M Open House (Locust Grove, VA)</i>
<i>August 15</i>	<i>NCCC Sprint, CW</i>
<i>August 16-17</i>	<i>North American QSO Party, SSB</i>
<i>August 16-18</i>	<i>New Jersey QSO Party</i>
<i>August 22</i>	<i>NCCC Sprint, SSB</i>
<i>August 23-24</i>	<i>Ohio QSO Party</i>

The Novice Historical Society

From Burt, W3GG

"For most hams, the year(s) they spent as a Novice was the most fun they had in ham radio. They discovered our hobby. Everything was new and exciting! Other hams went out of their way to help and teach them. This website provides a space for hams to celebrate that joy by sharing American Novice stories, 1951 to 2000."

"Many American hams were first licensed as a Novice from 1951 to the 2000. Almost every Novice will tell you, her/his Novice year(s) was their happiest in ham radio. This is when we discovered ham radio and were excited by it. This is when we had the thrill of making our first contact and getting our first QSL card. Most everybody was real nice to us as a Novice. They went out of their way to help and teach us."

<http://www.novice.bappy.com>

Frank Donovan 108 Whitehall St. Providence 9, Rhode Island USA			
K1LPL			
Confirming QSO			
Radio	W3MCG	Xmtr	30 WATTS
Date	10/16/01	Ant	DIPOLE
Time	1658z	Rcvr	S-108
Freq	14	Type	cw
Ur Sigs	CD	Band	CondX
Remarks			
Pse QSL Trx Yr 73		WGHTN Print A	

October is Radiosport Month in QST

From the ARRL Letter August 8, 2008

We here at ARRL HQ are excited over the theme of October's QST -- radiosport! In addition to feature and technical articles focusing on contesting -- ranging from the history of radiosport to a product review of a rig geared for the avid contester and DXer -- ARRL Contributing Editor H. Ward Silver, NOAX, has put together an 8 page insert focusing solely on radiosport. This section features such articles as how to interpret your Log Checking Report (LCR), guidelines for the upcoming contest season and a list of resources that no contester should be without, as well as a listing of major contests throughout the year. Of course, no issue of QST would be complete without "Contest Corral" and "This Month in Contesting." Look for an announcement by ARRL Contest Branch Manager Sean Kutzko, about how 2009 is the Year of the State QSO Party. Be sure to check out October QST -- in your mailbox in September -- to find out more about this exciting new event.

Rocket Wreckage Found in Outback

from ABC News (Australia)

June 4, 2008

Surveyors on the Northern Territory/Queensland border believe they have discovered a rocket launched at Woomera in the 1960s.



Simon Fanning and his geological survey team were flying over the Simpson Desert when they saw what they believed was part of satellite in the scrub.

"It turns out this wreck is not in fact a satellite but a rocket - at least a chunk of one anyway" he said.

"I'd seen ET as a kid, Star Wars and all that stuff, but to actually find something was really different."

Dr Alice Gorman of Flinders University in Adelaide believes the rocket could be one of 10 blue streak rockets launched at Woomera in South Australia in the 1960s by the European Launcher Development Organisation.

"The blue streak's very distinctive and the location in the Simpson Desert and the details on the rocket indicate it's most likely from one of the two 1966 launches" she said.

Mr Fanning is reluctant to disclose the precise location of the find, but the ABC has found an eBay site offering the GPS coordinates for sale.

There is private collector interest in blue streaks, but Dr Gorman says this discovery belongs in a museum.

"There was only a handful of them launched here in Australia," she said.

"I think it would be appropriate to put this one in a museum."

From Australian Satellite observer, Bill Frost.

I saw a number of Blue Streak missile launches when I lived at Woomera, but we moved out the year before that one. A large portion of a Blue Streak rocket body from one of the launches is on display at the Woomera Museum having been recovered from the Simpson Desert. It is in similar condition to the photo.

Having ridden a mountain bike through the Simpson Desert, in 47 degree Celsius heat, it is a very dry, arid, sandy environment. A lot of objects are preserved in that environment - two years ago someone found a perfectly preserved metal plate from the Burke and Wills exploration of 1861.

Sweepstakes Thoughts

from Ken, K4ZW

We finished a respectable second in the 2007 ARRL Sweepstakes, losing to our rival, the Northern California Contest Club, NCCC.

The margin of NCCC's victory was 1,130,686 points. NCCC submitted 273 logs to PVRC's 241.

A simple analysis shows that another 32 logs with 40,000 points each would have given us enough to surpass NCCC. 40,000 points is roughly 275 QSO's and 73 multipliers. The point to take away from last year's result is that we are competitive and we have all the ingredients necessary to win.

I've begun to engage the club's officers, chapter leaders, and others to implement a strategy for our Sweepstakes effort this fall. The goal is simple, to bring the SS gavel back to PVRC. Bring your thoughts and ideas to the Fowlfest and/or NR4M's open house where, I'm sure, talk will center on the upcoming contest season!

2008 Fowlfest: Saturday, August 16th

from Tom, N11N

Mark Saturday, August 16th on your calendar and plan on joining in the fun that begins at noon. This is THE annual summer social and eating event for PVRC and guests at Marty's, W3YOZ, lovely Churchton, Maryland QTH. Marty arranges for the great BBQ chicken, and everyone else is welcome to bring other items to share. Make sure you bring your own beverages, too, though there has never been a shortage of cold drinks. Below are directions, but you can use GPS to hone in on

1062 Rodgers Road, Churchton, MD 20733.

Directions from Virginia: I-95/I-495 to MD Route 4 (PA Ave. South/East); turn off at MD Route 258 (Bristol/Deale); take 258 to MD Route 256; turn left and go to Rodgers Road; turn right, go to gravel road on left, turn left; go to 1062 sign turn right and go to picnic grounds at the water's edge.

>From The Washington Beltway (Rte 495)/50: Take Beltway to Route 50; take Route 50 east. After crossing Patuxent River, the next turnoff is MD Route 424 (Davidsonville Road); take 424 towards Davidsonville, cross over route 214 (Central Ave), and continue until it dead ends at MD Route 2. Turn right, go 200 feet and turn left on Mill Swamp Road. Continue to MD Route 468 (Muddy Creek Road); turn right on route 468 and go 6 miles to the traffic light at MD Route 256. Turn right on MD Route 256 and continue to Rodgers Road (first left after the Churchton Post Office); turn left on Rodgers Road, go to gravel road on left; turn left, go to 1062 sign, turn right and go to water's edge.

>From I-97: Take I-97 South to MD Route 665 (Allen Blvd.); take 665 to MD Route 2; take Route 2 south to Mill Swamp Road (first left after Route 424 on right); take Mill Swamp Road to MD Route 468 and follow the directions above.

The Cheapest Place for PC hardware Odds and Ends?

from Dick, WN3R

This is the cheapest place I've found for those PC hardware odds and ends.

I bought two cheap Serial adapters, one USB and the other ExpressCard. Both worked perfectly with my TNC. Found a specialty portable printer for \$17.00 (new). Other places wanted \$75-150 for the same thing.

Check it out at www.geeks.com.

A Remedy for Slipping CW Keys

from Karl, K1KO

I have found that a rubber, woven material designed for drawer lining is absolutely outstanding for keeping my CW keys on the table where I put them rather than where they migrated to resulting from my nimble fingers (I think "ham-fisted phalanges" is the more accurate term, if you'll pardon the inadvertent "ham" pun!).

It comes in rolls about 18" wide and a couple or three feet long -- much more than you'll ever need, of course -- but consequently can be cut with scissors into whatever size you need.

I have a piece 6" x 4" under my Vibroplex and a piece 4"x4" under the Begali and neither key has moved 1/16" from where I put it. This stuff has the additional benefit of being easily moveable should you decide to do so -- just pick it up and put wherever it needs to be -- it simply rests on the desk rather than adhering to it via some chemical means.

I think a roll of it would be enough for 20-30 of the "usual" keys, but it's only about \$2.00 a roll, so feel free to be a plutocrat -- buy a roll, cut off what you need, and throw the rest of it to the junk box!!

OOPS, I Forgot To Submit My Score!

With all of the live scoreboards, email reflectors and other assorted reporting mechanisms, it was only a matter of time when we contesters would be overwhelmed by it all.

Dan, K2YWE, wrote the following on the PVRC email reflector: "**I'm embarrassed.** After looking for in vain for my score, a little email research showed I never sent it in. My apologies to the club. Too bad for me too, it looks like I would have placed 7th in low power unassisted. That a good finish for me. A lesson learned that hard way."

Your Editor (Eric, W3DQ) added his lament..."Funny that Dan should mention this. The same thing happened to me with ARRL 10 ***and*** ARRL DX CW. That age thing is really causing problems!

It's long been said that the final courtesy of a QSO is a QSL. **That axiom can be applied to contesting: The final courtesy of operating a contest is submitting your log.**

Western Union Building Gets Historic Status

By Elizabeth Weiner

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In a coda of sorts to the controversy over a telecommunications tower in Tenleytown, the old Western Union Telegraph Co. building at 4623 41st St. has been nominated to the National Register of Historic Places.

The art-deco limestone structure, built in 1945, stands at the rear of a lot where the American Tower Co. tried earlier this decade to erect a 400-foot telecommunications tower before the city

pulled back building permits. Two years ago, District officials struck an agreement to have the half-built tower torn down.

But American Tower still owns the site, as well as a functioning metal antenna tower that sits atop the historic Western Union building. Attorneys for the Boston-based company assented to the landmarking, according to city architectural historian Tim Dennee. The city Historic Preservation Review Board voted unanimously last week to place the building on the D.C. Inventory of Historic Sites and to approve the federal nomination.

The old Western Union building was nominated as much for its role in telecommunications history as for its distinctive architecture. It formed one terminus of a triangular microwave relay system between New York, Philadelphia and Washington, the first such commercial network in the nation that eventually replaced the old wire-telegraph system.

The other ends of the triangle were steel skeleton relay towers atop existing structures. Thus the limestone building in Tenleytown — near the city's highest elevation --- was also the only "architect-designed, purpose-built" structure in the new wireless network.

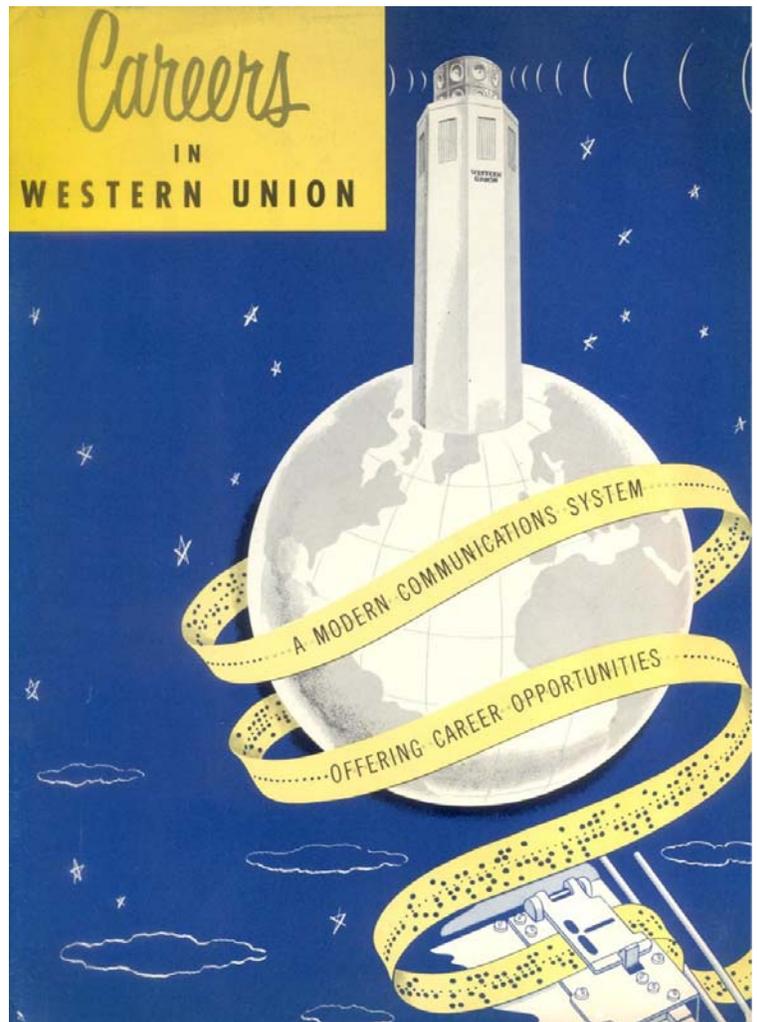
Recent research by David Rotenstein, a historian who specializes in telecommunication, adds an interesting and perhaps ironic footnote to the landmark application.

Rotenstein testified that the same tower site was selected by radio station WINX in 1940 for a radio tower. "It was struck down resoundingly in the zoning process. The neighbors didn't want it," he told the preservation board.

So Western Union came up with an imaginative solution. "They hired a master architect," Leon Chatelain, to design a building so attractive that neighbors would not fight it. With its simple lines and symmetrical form, Chatelain's design became "the first stealth, or concealed, tower," Rotenstein said. He said Western Union was so proud of the building that the company used it in ads.

Chatelain was a prolific and well-respected local architect, also responsible for the Friends Meeting House on Florida Avenue and what is now the Fannie Mae headquarters on Wisconsin Avenue.

The landmark designation covers the entire site. But, Dennee noted, the steel skeleton tower on top of the building is a later addition. It will be considered a "non-contributing structure," meaning American Tower will have more flexibility to make repairs or modernize the equipment.



Editor's note:

A more detailed description of both the tower and its architect, Leon Chatelain, can be found on the DC Office of Planning website: http://www.planning.dc.gov/planning/frames.asp?doc=/planning/lib/planning/preservation/2008-05_hprb/

N3HBX Tower Case - Over!

from John, N3HBX

I am informed by my lawyer that my 4-year battle over my towers is over, and that I won!

What follows is a brief account of the ordeal.

The battle began in August, 2004, when my neighbors learned that I intended to put up four 190-foot towers on the 46-acre farm in Poolesville that I had bought earlier that year.

They hired a law firm which wrote to Montgomery County's Department of Permitting Services (DPS) informing them that my permits had been issued "in error" and asking that a "Stop Work" order be issued. Such an order was indeed issued, but applied only to the fact that the bulldozer digging the holes for the footings had disturbed more than 5,000 sq. ft. of soil, and I now needed to take remedial action, including getting a soil erosion control permit, before any further disturbance — trenching out to the towers — be made. DPS did not concur that the permits were invalid.

The neighbors request for a Temporary Restraining Order was denied at a Circuit Court hearing in late August. This was followed by a request for a Preliminary Injunction, which would have prevented me from putting up the towers. At a hearing in early September, this too, was denied.

Having won this preliminary skirmish, I had KC1XX put the towers up later that month.

Independently of this court action, the neighbors appealed to the Montgomery County's Board of Appeals for a public hearing on the matter. One was set for November, 2004. At a pre-hearing held in October, however, the County's Associate Attorney successfully argued that they were not permitted a public hearing for having filed late.

In response, two of the neighbors challenged this ruling in Circuit Court. We fought them on this issue up through to the Maryland Court of Appeals which, late in 2007, ruled in my favor. The neighbors then sought to get that ruling overturned at the U.S. Supreme Court, but earlier this year the Supreme Court declined to hear the case. This finally ended the quest for an "administrative remedy" (at the hands of the Board of Appeals).

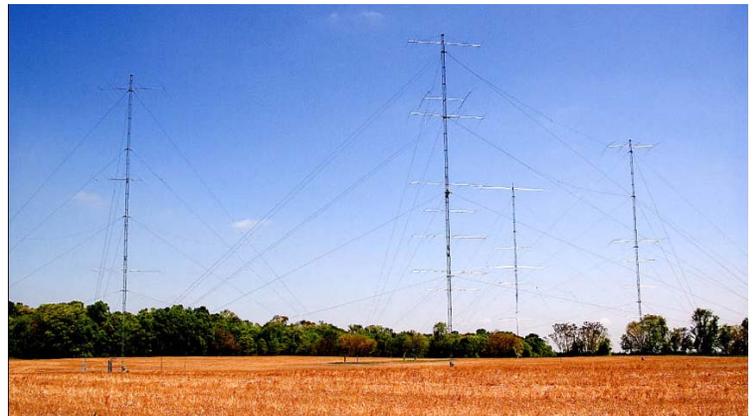
In December, 2004, the two neighbors had also filed a "nuisance" suit with the Circuit Court in which they claimed that since the permits were not valid, the towers were illegally constructed. They asked for a jury trial; that I be ordered to take down my towers and never rebuild them; and pay them \$500,000 in damages plus court costs. This case had been stayed pending the outcome of the cases over administrative remedy before the Circuit Court (2005), Court of Special Appeals (2006), Court of Appeals (2007) and the U.S. Supreme Court (2008).

Accordingly, in March 2008, opposing counsel asked that the stay be lifted. We countered in June 2008 with a Motion for Summary Judgment. We argued that there was no evidence of financial harm.

Indeed one of the parties to the suit had sold his property in 2006, purchased for \$900,000 in 1988, for \$2.6 million. Moreover, an aesthetic dislike of a neighbor's use of his property (e.g. painting his house purple) did not constitute a "nuisance" under the laws of Maryland.

We argued that there was no evidence of financial harm. Indeed one of the parties to the suit had sold his property in 2006, purchased for \$900,000 in 1988, for \$2.6 million. Moreover, an aesthetic dislike of a neighbor's use of his property (e.g. painting his house purple) did not constitute a "nuisance" under the laws of Maryland.

Apparently, this convinced my opponent that I would continue to fight and that further costly litigation was not likely to be productive. Through his lawyer he informed me on July 3rd that he would withdraw the case.



NR4M Open House: Saturday, August 23rd

from Ken, K4ZW

The 2008 NR4M open house will take place on Saturday, August 23rd. The festivities start at 11 AM. There is plenty of air conditioned indoor space available, so you don't have to worry about sitting outside in the hot sun. Lunch will be catered pork BBQ and chicken.

Let me know if you plan to attend so Steve has a headcount for the food.

Directions from DC/Maryland/NoVA to NR4M:

6480 Governor Almond Road, Locust Grove, VA.

Come straight down I-95 to Rt. 3 at Fredericksburg.

Take Rt. 3 west for about 13 miles to a left on Rt. 20.

Go about 4.5 miles to a right on Soar Road by the Exxon station.

Gov. Almond Road is less than .5 miles on the right. You can't miss it from there!

Of course there are more "scenic routes" one can take if you want to avoid the main roads and enjoy the countryside.

The Hallicrafters Story 1933 - 1975

by Max de Henseler, HB9RS (1988)

A Book Review by Jim, W6NRJ

Many of us were introduced to ham radio via the comfortable late night glow of tubes and dial lights from a Hallicrafters short wave radio. For this book reviewer (W6NRJ) my introduction came at my friend Bill's house in Champion, Ohio, at the age of 13. Is my story similar to yours? In Bill's attic, now a finished off knotty pine bedroom just like thousands of others in the Midwest, on a card table sat his new Christmas present, a Hallicrafters SX99.

A wire ran the length of bedroom on the floor and was attached to the radio. We turned it on and tuned the circular dial. All kinds of sounds came out of the speaker as we tuned across the bands -- buzz saw sounding noise, whistles, foreign languages, and in certain places where the dial guide points was slightly thicker, the voices of men talking to one another. Bill said his Dad told him the men talking were ham radio operators. A new world had been discovered. The "ship" to the new world was the Hallicrafters receiver. The bug bit me. A life-long ham radio hobby voyage resulted. For Bill the receiver later seemed to get stuck on the AM band, pulling in the night time 50s super stations -- KYW, CKLW, WLS, WABC, WKBW. Nothing else bit.

So, again, how many of us have similar Hallicrafters introduction stories to tell? Perhaps the majority of us. To revive some memories of those earlier days why not enjoy reading this comprehensive history of the Hallicrafters company and its products written by HB9RS.

When you pick up the book to read, like the reviewer, you probably will scan the index looking for the reference to your first Hallicrafters receiver. After reading that portion of the book return to the table of contents to discover the book is organized as a chronological expose of product releases, starting in 1934 with the "Skywriter" series up to the FMP-300 Mark II "Safari" transceiver of 1973.

But before tracing the voluminous product release history starting with Chapter II, the author asks you to "meet the founder," Bill Halligan, in Chapter I. It seems appropriate that Bill was born just 4 months before Marconi's signals crossed the Atlantic on March 27, 1899. Thus Bill Halligan's life was coincident with most significant developments in radio technology. In fact, Bill and his company did much to contribute in their particular niche. Bill's life-long ham radio interest resulted in tens of thousands of contacts as W9AC or W4AK. Bill was honored with many accolades for his life work and hobby pursuits, including Fellow appointments by the IEEE and RCA and significant government recognition for his company's war efforts as a defense industry supplier during WWII.

HB9RS includes many product pictures, schematics, and diagrams in his book. The text describes the various features, functions, and improvements made in each product, and where appropriate, relates why a certain product was significant in the evolution of receiver and transmitter

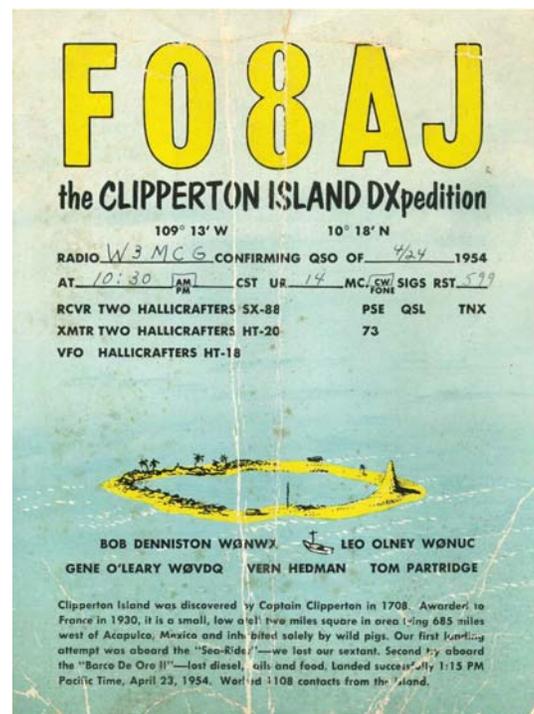
technology.

From an historical perspective Chapter II covering the Golden Age of Radio from 1933-1941 is most interesting. During this period radio hams gradually moved from "100% home brew" to purchasing manufactured equipment -- if you were lucky enough to have any money during those Depression days. Allied Radio sold the Sky Rider for \$39.95 in 1934. Translate that to today's dollar to realize just what we get for our money today!

Chapter IV covers the post war period. After the war ham radio and Hallicrafters took off together. This is the era when government surplus equipment was in competition with Hallicrafters for the ham's dollar. During this time many products were introduced bearing the designations "SX," "S," and "HT." Many of these units are still in use by hams today. This section should be of special interest to PVRcers who were first licensed in the 50s or 60's. The famous S38 series was introduced in 1946 with the "A," "B," "C," and "D" updates through 1954. This beginners radio found its way to many a Novice ham shack. The famous SX101 and HT-37 were introduced in 1958 and 1959 respectively. A personal note: this was the upgrade from a DX100 and older receiver my Elmer, W8RZK, made at that time. To a 14 year old, the sophistication of the combination seemed the ultimate. Could anything better ever come out of the Hallicrafters factory?

Hallicrafters equipment and its people participated in many famous DXpeditions. One of the most famous related in the book was FO8AJ Clipperton in March, 1954, when the boat containing the five hams broke down 200 miles from the island. The Chicago Tribune picked up the story and the stranding episode spread around the world. The five operators finally got to the island after intervention by the Mexican government and a U.S. Air Force general.

In all it was great publicity for ham radio and equipment sponsor Hallicrafters radio.



The contributions Hallicrafters made to the ham radio art were many and far-reaching. How many of us realize as we read through the equipment specs today that the following were introduced by Hallicrafters: calibrated S meter, automatic noise limiter, temperature compensated oscillator, battery operated “all band” receiver, tee notch filter, upper/lower sideband selection, automatic ALC.

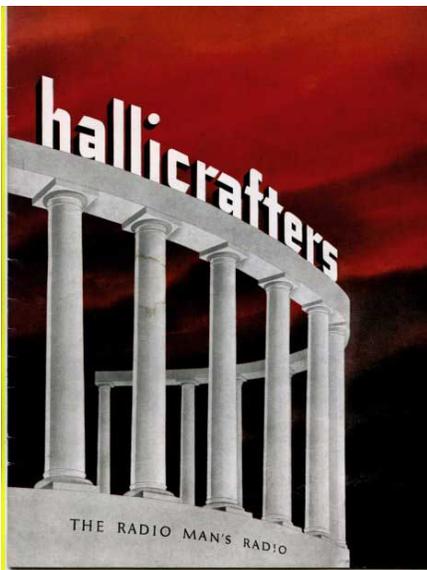
Reading **The Hallicrafters Story** is a trip down ham radio memory lane. Perhaps your reading of the book will trigger many memories of your earlier ham radio days. It seems appropriate that “H” is among the most significant letters in amateur radio. There’s “ham” then Hallicrafters then Heathkit. In the history of ham radio commercial equipment having widespread appeal and distribution, Hallicrafters plays second fiddle to no one.

The Hallicrafters Story by Max De Henseler, HB9RS, is available on CD from the Antique Wireless Association
<http://www.antiquewireless.org/museum/museumstore.htm>

Halligan’s Hallicrafters International Home Page:

<http://w9wze.net/>

The Hallicrafters Virtual Museum:



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Editorial Musings (continued from page 1)

It’s now time to get the station, antennas and operator back in order for the upcoming contest season. So get way from the computer and take advantage of the time to work on those antennas and station.

Remember, the PVRC membership is a great resource for information and assistance. Call on your fellow members if you need help in planning your enhancements or getting the work done. I’m sure you’ll find many eager to help!

See you at the upcoming PVRC events and on the air!

73, Eric W3DQ

New Papers from Audio and RFI Guru Jim Brown, K9YC

Jim Brown, Audio, RFI expert and PVRC program presenter, has authored more excellent publications for the ham radio community. Take the time to read them and add them to your library/

“Computer to Rig Interfacing—You Don’t Need An Expensive Interface ”

<http://www.audiosystemsgroup.com/HamInterfacing.pdf>

“Comparing Verticals and Dipoles”

<http://www.audiosystemsgroup.com/ComparingVerticalsandDipoles.pdf>

Morse Is Alive And Well In The UK

from Scott, K7LU

This news story, by Eleanor Moritz of BBC News’ “Northwest Tonight” looks at the Stockport Amateur Radio Society and it’s Morse Code enthusiast members.

“Morse Code has been proving popular with a group in the North West, showing it still has a future despite the mobile phone. “

<http://news.bbc.co.uk/1/hi/england/7544147.stm>

Greenbury Point Towers Demolition.

from Frank, W3LPL

<http://www.youtube.com/watch?v=qdvpjV1Mb1w>

A description of this site can be found at

<http://www.hawkins.pair.com/nss.shtml>

[Editor’s Note: Videos depicting events like these are, sadly, becoming all too common. Thanks to Frank for bringing this local event to our attention.]

Mark Your Contest Calendar

Sep 7	North American Sprint, CW
Sep 13 -14	WAE DX Contest, SSB
Sep 14	North American Sprint, SSB
Sept 27-28	CQ Worldwide DX RTTY
Oct 12	North American Sprint, RTTY
Oct 25-26	CQ Worldwide DX SSB
Nov 1-3	ARRL Sweepstakes CW
Nov 8-9	WAE DX Contest, RTTY
Nov 15-17	ARRL Sweepstakes, SSB
Nov 29-30	CQ Worldwide DX, CW
Dec 5-7	ARRL 160-Meter Contest
Dec 13-14	ARRL 10-Meter Contest
Dec 27-28	Stew Perry Topband Challenge

WHERE CAN YOU FIND PVRC MEMBERS?

The PVRC NW Region: [Bud W3LL](#)

Meetings are held on the third Tuesday of each month at the City Buffet, 1306 W. Patrick Street, Frederick, MD. (301) 360-9666. It's in a small shopping center. Most arrive about 6 PM for dinner and informal discussions. The meeting begins at 7:00 PM.

>From W. Patrick Street, turn up McCain Dr. (the Mountain View Diner is on the corner), then turn right into the shopping center, then turn left and search for a parking place. The City Buffet is tucked back in the left corner of the shopping center behind the Mountain View Diner. You can't see the City Buffet from W. Patrick Street.

The Annapolis Crew : [Bob W9GE](#)

Meetings are held on the 4th Wednesday of each month at West End Grill in Annapolis. We gather at about 5:30 PM and order dinner about 6. We break up usually before 8 PM. E-Mail [W9GE](#) to be put on the e-mail reminder list.

PVRCNC-East : [Will, AA4NC](#).

Meets on the first Thursday of each month. Details are always available on the web site: <http://www.pvrcnc.org>

PVRC-NC/West: [Tom N4IOZ](#)

"The Winston-Salem Courteous Operators Club" (W4WS) meets on the fourth Monday of each month at 7:00 PM in the "Pure Chrome" establishment, 505 Deacon Blvd. Winston-Salem, NC 27105. It's now a biker bar (we came with the building), so feel free to roar in on your Harley. Info at <http://www.w4ws.org>

Gaithersburg Area: [Jeff K3OQ](#)

Several of us get together, much like the downtown lunch group, about every 4 to 6 weeks and visit various restaurants in the Gaithersburg area.

Central Virginia Contest Club: [Ed NW4V](#)

(updated 5/2008)

Meets the first Tuesday of the month at St. Martins Church, 9000 St. Martin Lane, Richmond VA, (between W. Broad St. and N. Parham Road). Our meeting begins at 7PM.

Over the Hill Bunch [Bill W3AZ](#)

The group meets for lunch at noon alternately in Maryland at the College PARK Holiday Hotel Route 1 and the Beltway or in Virginia at the Parkview Marriot near route 50 and the Beltway. Meetings generally are held on the last Wednesday of the month and are subject to change. Meetings are announced by E-Mail.

All PVRC members, non-members interested in membership and guests are welcome. For information contact [Roger Stephens, K5VRX](#), 703-658-3991 for Virginia meetings; or [Bill Leavitt, W3AZ](#) for Maryland meetings.

Downtown Lunch Group

Meets on the 3rd Wednesday or Thursday of the month in the downtown area of Washington, DC. Locations occasionally change, but are always Metro accessible. Details are sent out on the PVRC reflector. Feel free to contact [Eric W3DQ](#) or [Brian WV4V](#) for details and directions.

If you have a group that meets regularly or occasionally, please send details and contact information to [W3DQ](#) for inclusion in the Newsletter!

PVRC Spotting Network

WR3L: telnet://dxc.wr3l.net
W3LPL: telnet://dxc.w3lpl.net
W4ML: telnet://dxc.w4ml.net
K3SKE: telnet://dxc.k3ske.net

N3ME: telnet://dxc/n3me.net
WC3J: telnet://dxc.wc4j.net
N2QT telnet://n2qt.no-ip.com

W3LPL Glenwood MD	145.590	441.250
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Note that this is simply the REFLECTOR FAQ pull down under main-page REFERENCE.



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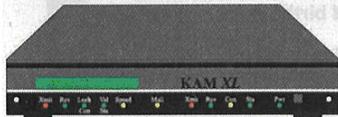
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