From the editor...

The first issue of the volume always marks the beginning of the weekly issues of DX News, and in the manner of new year's resolutions, I'm going to take steps to get DXN out to you in a timely fashion. The pasteup for this and the last three issues has been in the printer's hands early each Monday morning, but what has happened between that time and the point at which you pull this publication out of your mail box would cause Murphy, of Murphy's famous law, to rejoice. And the blame fall squarely on me at least a significant part of the time. I promise to do better, and I appreciate your patience. If you must complain, call me, not the publisher.

Addresses...We'll say it again: send your mail to the proper places, please, so that the cost to the club of forwarding letters may be eliminated. Don't send renewals to me; they go to HQ in Wisconsin. Consult the back page for the correct addresses.

Inside...Due to some editors being on vacation and my not informing column editors as to the exact deadline for this issue, this issue contains fewer columns and more features than usual, but I think you'll like the temporary change. You can count on a full slate of columns next week, however.

She joined...Christine Kilk, Syracuse, NY, has increased the percentage of our distaff members by a significant number.

DX Audio Service...WANTED: A few GOOD voices! If you presently work in radio, or have worked in radio, and you have some spare time once per month, we could use your help. The National Radio Club's DX Audio Service (NRC's books for the blind project), needs several people to voice short articles and stories on tape for the blind. They need to be used between a shortwave antenna and receiver. Tuning range is 2-35 mHz. Matches any random length antenna to the receiver for optimum reception. Excellent condition. $40, shipped UPS. (Truxx)

McKay Dymek DA-5 shielded ferrite rod directional AM antenna. Has two-stage FET amplifier with frequency and sensitivity controls. Like-new condition, very nice looking. $65, shipped UPS. (Truxx)

Drake SPR-4 receiver with FS-4 synthesizer, 5NB noise blanker, SCC-4 calibrator, AL-4 directional loop and MS-4 matching speaker. Total package shipped UPS, $375. All units in excellent condition and FS-4 synthesizer separately. Also has Sanserino DXASforyourtrouble. (Tmax)

DX Time Machine

From the pages of DX News

Ten years ago...Oct. 9, 1978: New members include Bill Bergadano, Dennis Kelly, Thomas Kelly, Leonard A. Moniz, Alfred E. Rosinski, Chris J. Stark, Genero J. Colotto, James B. Dotson, and Morris Sorensen (rejoined)...Dallas Lankford is attempting to ID two LA splits on 1255 and 1285...Mike Tuggle hears CKYR-1450, 100 w., on a crystal set...Hank Wilkinson hears such TPs as Fiji-891, Tarawa-944, and 2NR-706.

Twenty-five years ago...Oct. 5, 1963: Ernie Cooper buys an HQ 180C, hearing WKJR-1520...WBT-1110 goes AN as of 9-1...Stan Morris hears KUDL-1380...Andy Rugg verifies Guadeloupe for his 32nd country...the club governing board rejects a proposal from Ernie Weso- lowski for perpetual memberships going to the publisher, Musings editor, and the foreign editor.
Type style ... These two pages are prepared on a Macintosh SE, using 12-pt. New Century Schoolbook for the body type (Helvetica for "DX Time Machine"). The printer reduces the pages to 90% of original, making this type about equal to 7.08 point. Assuming that I continue to have access to my school's equipment, including a LaserWriter II NT, if your equipment now is compatible with the Mac and you use Microsoft Works, or eventually even an Apple IIgs or Apple IIe and Applework+2.0, we could consider using editor's 5 1/4 or 3 1/2" drive. This set-up could be installed as an add-on at little cost. Ten years ago it would have been much more expensive to do the same.

Sunrise Ave.

Trade or sell: 185 HF ferrite core loop covering 10 kHz to 10 MHz. Requires 12 VDC. Includes vernier tuning and getting code on DPDPing. Has tested out as far superior to the three commercially available ferrite loops for BCB DX use. Will trade for a large collection of back issues of Sky & Telescope and/or Astronomy magazine. Astronomy books considered; also cash bids ($90 minimum). W. T. Farmerie - 62 Sunset Ave. - Grafton, MA 01519-1006, (508) 889-5143 any hour after 8 pm EMT.

FRACTAL

Continuous Pro 50 stereo headphones, excellent shape. $15 shipped UPS. (Truxx)
motivational mini-lectures from the likes of Leo
Peale, Tom Hopkins and others. Station owner Anthony J. Pescatello says that
line in the Detroit area soon. The station will rely more heavily on
airwaves and upset the nation. To commemorate the 50th Anniversary of this
Sagan talk show of WMCA answering legal questions from 8 to 10 a.m.

Increased Tolerance for Interference

The broadcasters charge that the
FCC, in its rush to provide new
and expanded services in that it violates
the public's interests. It has demonstra-
tioned a lack of concern for increased
interference in the broadcast service.

And that's as it is. We get into the DX season, keep your fellow
DX'ers informed in this very column of all of the different
formats which you will hear, in the perpetual battle of the
ratings. And, for our contributors this issue, thanks very much
and a ride on Metro North Railroad to each of you!!!!

Broadcasters Lobby FCC On Allocation

A coalition of broadcast groups led by the NAB is urg-
ing the FCC to pay more attention to the concerns of radio
stations and television as it considers new and expanded
uses of the spectrum.

"If our free local and universal broadcast
facilities are to continue in an
era of increased competition,
we feel that we must be allowed
to maintain our current level of
service so that we can continue
to sustain the technical
quality of other media through
improvements in our own
facilities or services." the broad-
casters write. The NAB has
almost universally ignored or
given short shrift in maintaining
the public's existing service and to
preserve the opportunities for
economic and quality improve-
ment.

The group also asked the
impact on radio and television of possible
rule changes that might result in increased
rates from the FCC due to
increases in the cost of providing
facilities.

-Scandall Bloomquist

WBW-1470 in Meriden, CT is switching from Adult Contemporary programming
to a New Age and Motivational Format. The station will play 3 to 5 minute
motivational pieces from the likes of Leo Buscaglia, Marshall
Peale, Tom Hopkins and others. Station owner Anthony J. Pescatello says that
only two other stations in the country have similar formats, one in Salem, NY
and the other in Pompano Beach, FL with a third scheduled to go on
dline in the Detroit area soon. The station will rely more heavily on
automation and has cut its full-time on-air staff from 8 to 2...On October
30th the station will begin producing classic, The War of the Worlds, hit the
airwaves and upset the nation. To commemorate the 50th Anniversary of this
event, a new version is currently being produced for Public Radio.
It will be produced by George Lucas and be supported by some heavyweight
personalities the likes of Jason Robar, Steve Allen, Douglas Edwards, Carl
Sagan and Barry Goldwater...Former Judge Howard E. Doolittle has been a daily
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If you want to control your inbox, please click the "more" link.

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Collins 51J4 Review

The Collins 51J series of communications receivers were designed in the late 1940's and built from about 1950 until the early 1960's. The R-388, the military version of the J3, was produced from about 1952 onward. The R-388/URR was a general coverage receiver designed for military use. It is sometimes referred to as the J4, and was produced from about 1952 until the early 1960's, so perhaps 1962 was the cutoff date for J4 production. I do not know how many J4s were produced, or if serial numbers are an accurate indication of the total number produced. The 51J design evolved directly into the 75A series of ham band only receivers, and indirectly into the Collins S-line. An RF mixer with a wide dynamic range to accommodate the 500 KC IF performance criterion is met with a 10 db signal to noise ratio. The 51J used three different conversions schemes, one for band 1, one for band 2, and one for bands 3 through 4. I won't try to explain the conversion schemes here, but refer you to the R-388 manual, Department of the Army Technical Manual TM 11-854, or Department of the Air Force Technical Order TO 16-35R-388-5, "Radio Receiver R-388/UJR," April 1952. My manual does not have an adequate description of the conversion schemes.

Collins did a terrible thing with their design of band 1, at least if you are a CBX DXer like me. They desensitized it. You only have to glance at the RF-mixer tuning for band 1 and the RF gain control, to see that something strange has been done to band 1. The 10K ohm resistor R106 and 3pf capacitor C117 stand out like sore thumbs. It is, fortunately, easy to describe, although not so easy to actually do. Add a 0.01mf6, 1KV disc ceramic capacitor in parallel with C117. Anyone interested in this modification may drop me a SASE with a note requesting details of the mod and I'll send a complete description. With this mod my 54 came alive on band 1. If you want to try out the mod before you commit to it permanently, run down to Radio Shack, buy a pair of mini test clips, catalog number 270-372, or contactors, catalog number 270-433, and use the combination of a 0.01mf6, 1KV disc ceramic capacitor to them, and clip them across C117 with your J4 on its side. Either isolate the capacitor leads, or be sure that they do not touch any nearby switch lugs.

A potential cause of 51J insensitivity on all bands, especially on the higher SW bands, is the 10K ohm resistor R106 and the 3pf capacitor C117. Any reduction in the value of the resistor, or an increase in the value of the capacitor, would reduce the effect of the mod. My R106 mod is a clear winner in the CW and SSB modes, and in the case of SSB it is probably better to be a little on the low side rather than on the high side.

Another potential cause of insensitivity on all bands is R187, a 10K ohm screwdriver adjustable pot with lock nut made of the HFO pitch control, which determines the gain of the 3rd IF amplifier in my J4. My manual has no instructions for setting R187. I have assumed the correct setting is determined by the J4's 500 KC IF performance test per paragraph 5.3.7. For my J4, the 500 KC IF performance criterium is met with R187 set near minimum resistance (nearly maximum gain of the 3rd IF amplifier). For J3's and R-388's this setting may be considerably different, but the J4 has mechanical filters which in turn have considerable insertion loss. If you have any information or opinions on this, please write me so that we can share the information with other hams.

Measured sensitivity using a URM-25D precision RF signal generator (after the band 1 mod and R149 mod) was 3 microvolts for band 1, 0.7 microvolts for band 2, and 3.4 microvolts for bands 3 through 4. The 0.7 microvolt reading is probably more like 25 to 100 microvolts or worse. As J4 users I have talked with have said, and I agree, (unmodified) J4 band 1 sensitivity is lousy. It could be that the band 1 sensitivity is influenced by the R149 mod. Collins never bothered to measure the J4 band 1 sensitivity. The insertion loss of the mechanical filters could easily degrade band 1 sensitivity to the degree observed. This would also explain why DXers judge band 1 sensitivity as perfectly acceptable for a J3 or R-388.

How does the J4 stack up against our favorite boat anchor, the R-390A? Quite well, and in some cases slightly better. Based on my experience with a sample of one, the J4 seems to have somewhat less warmup drift than the R-390A's I have used. Once warmed up, both are rock solid.

The 43 pound weight of the J4 is a definite plus, about half that of an R-390A. The J4 audio quality seems much better than the R-390A, and the 3.2 ohm audio output is more convenient (plus a 500 ohm line output if you want it). My J4 has annoying spurs which seem to be IF feedthrough and harmonics at 0.5, 1.0, 1.5 mHz, and so on, with decreasing intensity up to about 4.5 mHz. Neither has a clear win with regard to selectivity bandwidths. The 0.6 kHz filter in the J4 seems optimal for pleasure listening on the SW bands. But I don't have enough experience yet to know if the 3.1 kHz filter is in the J4 is adequate for difficult DX situations. The J4 crystal filter stack up against our favorite boat anchor, the R-390A, as 2.25-2.75 kHz. So you have a wider choice of selectivity options than you might think. The 54 crystal phasing control is the best I have used, better than the standard Hammarlund crystal filter, just like a notch filter, which gives the J4 an edge over the R-390A in some situations. The J4 BFO pitch knob is not calibrated, as it is on the R-390A. The J4 has only one AVC attack and release time, so it is not easy to convert it into a SSB receiver and retain its AM capabilities. And I don't have a narrow audio filter, though one could be added outboard. Thus, an R-390A with Cornelius SHS mod is a clear winner in the CW and SSB categories. My J4 has a slight amount of backlash in the IF phasing control which I believe is due to the coupling which connects the KCS and PTO shaft. The coupling resembles an R-390A Oldham coupling, but without the backlash springing (or spring shafts in case you wanted to add a spring), and with set screws rather than non-may clamps. So for ease of PTO adjustment with no backlash, the R-390A comes out ahead. The J4 has a 500 kHz IF output, so you can add external IF processing like the Hammarlund HC-10 converter, which would give you more bandwidths and SSB with a product detector. I haven't tried this, so I don't know if just connecting an HC-10 provides significant SSB improvement. You may not need to modify the J4 for AVC. There is an AVC jack described in W. I. Orr's Ham Radio article (Feb. 1978, pp. 66-69)."
The Collins SIJ-4 General Coverage Receiver

Reviewed by Fritz Helberg

I recently purchased a candy vintage rig to use as a back up for my ICOM R-71A. The Collins SIJ-4 was in good shape for its age and after replacing four tubes and tweaking the circuits, I am enjoying one of radio's American classics.

After searching for recent reviews in my collection of radio literature I found little about the SIJ-4 even though the receivers were sold in abundance. I'll just say to others who might be looking for a quality vintage receiver to use as a back up or as a decent first set.

The SIJ-4 was engineered in the 1950s when 11 meter was a normal mode for hams. With band conditions at the time and prevalence of QRM, selectivity was crucial and the Bud-4 shines here with its three Collins Mechanical filters. These make an ideal performer for both SW and ECR DX today -- revealing the performance of my ICOM. For one third the cost of an ICOM on can have the dynamic range and selectivity of the best. The SIJ-4 provides 15 count (ents) selectivity bandwidths of 4.3 to .3 at 600 down and 14.4 to 2.5 at 60 dB down according to specs.

The 10 tube doubler conversion superhet covers 540 kHz to 300 MHz in 50 bands. It is the same basic receiver as the venerable Collins R-388, but this version sports mechanical filters as well as the crystal filters of the 388.

Like the 388 the SIJ-4 reads megahertz on an 8-inch glide rule dial and kitchens are roughly 3-1/2 inches lights, 10" wide, are about 1/8" apart. The receiver is video in top condition. The best of公积 is the filter and requires a few dozen knobs and tools. Most alignments can be done without a signal generator. The SIJ-4 has 15 controls on the front panel along with speaker and phone jacks (4 and 600 ohm). There is an AVC on and off, an effective noise blander, an antenna tuner, a noise adjust knob, BFO and IF frequency knobs, two knobs controlling the crystal filter and a very good notch filter. There is also a lever to select mechanical filters.

If you use a headset for listening like I do, the speaker jack can be used to run a tape recorder through its 600 ohm microphone input, sort of like modern sets! The back of the rig sports audio outputs, coax antenna Jack — (unbalanced, 6-dB) and a 500 kHz IF output as well as the standard break-in relays connections.

The SIJ-4 has a problem of BCBQ. During recent DX sessions, I compared it with my ICOM and found it equal if not better. The quality of sound on the ICOM.

On frequencies close to powerful locals, ICMQ suffered from audio noise. Even when I used the mechanical filter, the receive signal and the local beam had the narrow band improvement. However, the Collins homed along reasonably well at 2 MHz and with a more readable signal. This was not the case with my ICMQ and the Collins. Collins could produce a better signal in a EC mode and did not have to resort to BCBQ to get narrow selectivity. Actual test figures may prove otherwise, but what counts is a readable signal and the Collins delivered.

If one can afford a modern rig, the choice really is obvious. So for the modern, but if you want quality for less, try a golden oldie. Cut the grass and go for both of them and make up your own mind about which one is better in various situations.

But how does the Collins compare with the patriarch of all, the R390A? I have owned the 390A and like the SIJ-4 better because it is lighter, easier to calibrate, and less portable. W2XRR Ron Schuetz compared the R390A and the R390 in an AMC review 195 years ago (HCX Receiver Reference Manual volume I). Ron noted that the R390 had better signal to noise ratio, an effective notch, a true noise blanker and a better calibration procedure. The 390A was better by virtue of its likelihood of being new, its provision for balanced antenna input, its mechanical filters and its 595 kHz IF.

When we substitute the SIJ-4 for the 390, we eliminate the biggest disadvantage -- the lack of mechanical filters. The desirability of the 452 kHz IF is not clear to me. An R390 with mechanical filters is a fierce competitor to the R390A.

I keep my Collins close at hand and compare each signal I receive on my ICOM. That is the value of my testing. I am usually pleased and in some cases amazed by the performance of the Collins rig. When this happens, the romance of old radio renews for me.

Part of our hobby is the thrill of being around radios, reading about them, using them, and a Collins rig is like an exotic pet that you can work on, improve and enjoy. The rigs can be good teachers and can lead those of us who are not technicians to learn more about reception. Manuals are designed for those who want to work in science and have plenty of information to help with simple repairs and troubleshooting. We can try our hand at simple fixes and modifications without risking a $700 purchase made by others with microscopic soldering iron. I bought my SIJ-4 with the idea of learning from it and with it.

Another thing that makes older rigs interesting is that they require personal involvement. Just about any aspect of receiving can be controlled by the operator. The meanings must be learned how to make the most out of it. It means you must get your hands dirty. Old rigs may have readout problems, but old timers tell me that in time they can identify frequency of off-frequency Peruvians or BCB splits just as easily as a digital readout.

So there you have it, pick up an old classic. If you love radio, go hollow state! Keep that Collins working and another DX season.

Old radios have the sound of money

By ANITA GOLD

Listen up! The most in-sane folks are those who collect radios.

For 12 years I've been a one-working radio, don't show it in checking it out. In those years I'm sure and only in the best condition is this true. I have a collection of old radios, along with their many various modifications, model numbers, parts from which they date, style, etc. Also, especially valuable as a collector's item is a complete and very readable radio as well as those with handmade cabinets covered with plastic and other interesting materials. Super desirable is a floor-model Spartan radio with a peach or blue lacquer cabinet, worth several hundred dollars. Also worth much more radios are old radios from a different era, collectible characters, etc. Either way, the last is the best condition — 'cause with so many, so many. A Mickey Mouse produced in a certain factory, a perfect shape. A radio made of material representing the Dimecous wood, with a value of $100.

By ANITA GOLD
It's too soon to measure whether his plan is working, but listeners are responding to the pairing of the Saturday shows with praise.

via Walt Wernow

**War Of The Worlds’ Redone To Air 50 Years To The Day**

Chicago — New production of the landmark radio play “War Of The Worlds” has been taking the NER (National Educational Radio) world by storm, with a 50-year anniversary of the original broadcast, which caused widespread panic on Halloween Eve, 1938.

Fifteen new productions are the first of a series of dramatic presentations of the original radio play, which first aired on NBC on October 30, 1938, to coincide with the 50th anniversary of the broadcast. The series, which features new versions of the original radio play, is being produced by NBC Radio, the network that broadcast the original broadcast.

“This is the first time in 50 years that we have produced a new version of the original radio play,” said NBC Radio’s director of programming, Ted Pfeffer. “We believe that this will be a great way to celebrate the 50th anniversary of the broadcast and bring new life to a classic piece of radio history.”

The new productions will feature new voice actors, new sound effects, and new music, all while maintaining the original script and setting.

The first production, titled “War of the Worlds: The New Generation,” will be released on Halloween Eve, 1988, and will feature a new generation of voice actors, including a young Tom Hanks, who will play the role of the Martian warrior, Gamil, and a young John Travolta, who will play the role of the Martian leader, Gorg."
Dale Park-The Lakeside, Northwestern University, Evanston, IL

Realistic Minisite 16, 11/13/87, 1:20 PM; Notes: (*) denotes college-run station. If 2 are listed the 2nd city is the site of offices &/or studios (maybe satellite). Cities in gray are on the map shown in Chicago. The areas outside Cook County, & sometimes a distinction is made e.g. WRS-1220), due to power &/orattenuation...
Florida Keys Daytime Bandscans done by Jay and Marie Novario April 15-21, 1988
Bahia Honda State Park, FL

1180 Radio Party, Marathon, FL: (9) Tone on frequency not unlike an EBS test; nulls toward south.
1190 Radio Santu-Spiritú, Cuba.
1210 WDDC, Pine Island Center, FL: oldies.
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MUSINGS

Herman T. Adams

343 8th St. N. E. G2 - Atlanta, GA 30309-4264

The opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the editor, publisher, or the National Radio Club, Inc., or its subsidiaries.

Times are local per Museum.

Ray Arruda - 47 Burt Street - Amushnet, MA - 52743 1939

Please note our new phone area code 508 998-3958. Little DX has been done this year with only new verie back fro W2H2Z-640 for Feb. reception. A few reports are out but no serious listening has been done for awhile. Hope everyone enjoyed the Milwaukee Convention...maybe we'll get to next year.

An important reminder: Out Thanksgiving DTG will once again be held in "The Lower Deck" on Saturday November 26, 1998 from Noon till? Anyone planning to attend, please make note of this announcement, as it may not appear. We will have to miss our usual visit to Montreal to see Andy Rugg, a trip we enjoy and always look forward to.

DXing is pretty much limited to new stations, call frequency changes, and is not done as often anymore. One very important remains constant and always will...the many lasting friendships with NRC'ers that have been made across American & CANADA. We hope you can be here on Sat Nov 26 73

Doug Allen - W2CMS - PO Box 5646 - Woodland Park, CO 80866

Howdy partner! Guess a reintro is in order. I've been a NRC member a couple of times in the past and DXed the MW band off and on for over 35 years (since I was about 10). Other hobbies include running, birding, writing, photography. It's good to see many of the same old (sorry?) familiar names in NRC that I remember from eight years ago.

My wife and I moved to Woodland Park in late March. I have a radon and water testing business, and I have a Bed and Breakfast (super low rat rates for NRC members, natch). We bought a contemporary solar home years ago with 5 acres of room's for trees and even beavers (not just in the frog). We're on the MW band often. A pretty good VHF listen, with most directions except south where 14,110 foot Pikes Peak is only 6 miles away! Until recently I've spent most of my radio time on W2A, 6, 220, 442, and 1296 cw and sb. Listening to some TV and FM DXing.

With the sun setting earlier in mid-August I decided to put a 1,000 E-W Beverage mainly to operate on 110.

DXingDXingDXing

E-W (yeah, I know it's not long term) and hear new WX in the area. The boys are doing it (I'm originally from Kansas) and I have had a life-long love affair with the WD. Despite the QRN which has been bad until last night I have been listening to W2A and doing a lot of DXing! An ankle sprain (yes, I was running the trail up Pikes Peak which has kept me off my feet and home the past five days has given me a lot of free time!

The beverage runs east from the house, is untethered, and gives me some directivity E-W (Mainly east) over my other antenna setup, even at 550 kHz. The beverage is also quieter. Of course, everything is new and I'd like some VHF information.

In about two weeks I've logged about 100 stations in 31 states, Canada, Mexico, Cuba, India, and Greece.

I'll have to find my old logs and see what I recorded from Sundagoby, WV, 1798-80, when I was fairly methodical - something like 800 stations in 42 states and a few dozen counties.

Collecting QSL cards has never been my favorite niche (though I do it to some extent on the has bands). However, I sure would like to see some of the other great QSL collections. It won't happen at the NRC gig this year, but maybe I'll get there next year. Good to be back.

G. Harley DeLaurere - Box 10 - Hendricks, WY 26271

DXing is most minimal. I have no time to do any. I did though hear the new WPRI-520 WADT-Belleville, which was stopped by several radio stations in the State of Ohio in order to obtain needed "veries" for unanswered reports. Veries were received from WKCQ-660 and WCOY-1500. In addition, WDJH-600 was received from WYIC-1110 of Noblesville, Indiana.

In Dayton, Ohio I heard a T.I.S. on 530. Who has information concerning call letters and the address or such? My brother told me there's a T.I.S. in Milwaukee, WI on 160. Who has information on this one? Thank you kindly. (Harley, sounds like an active DXer to me. HTA)

King's radio station drops commercials

Stephen King, owner of WDIW radio, has announced that effective January 1, the station will be a commercial-free station. King said the change in station programming is a result of the station's growing popularity among its listeners.

King said the station will derive its operational funds through contributions from local businesses which support the station's programming format. King also said the station will continue to provide local news and weather reports.

King said the change to the non-commercial status was prompted by the station's growth in recent months, as well as his long-held desire to establish a non-commercial format for WDIW.

The change, King said, will allow the station to focus solely on providing quality programming for its listeners. "We want to make sure our programming is of the highest quality, and we believe that by eliminating commercials, we can do just that," he said.

King added that the station's new format would also allow for increased listener interaction through call-in programs and community events. "Our goal is to create a strong sense of community among our listeners," he said. "By eliminating commercials, we can focus on building that community.

The station's new format will include a mix of local news, music, and talk shows, with an emphasis on community events and listener involvement.

King said the station will continue to support local businesses through sponsorships and advertising opportunities, while also offering listeners a quality alternative to commercial radio.

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KKSA goes off air

By Ted Reed
News Staff Writer

The Freedom radio station principally owned by James R. Nichten blew its cover at 3 p.m. Friday, a day after employees failed to report for their regular shifts.

"There was no one here today," said KKSA general manager Allan Holm. "Not the pilot, not the engineers, not anyone." The station had 15 full-time en-

The station was on the air in November playing a mix of American classics that included songs by Ella Fitzgerald and Frank Sinatra, and some by Irv Berlin and Cole Porter.

For the second week now, the station's clock was not running, and the station's news was not being broadcast.

"We wanted to stay on the air as long as possible," said Holm. "But we were not able to continue." The station's last broadcast was at 3 p.m. Friday.

"We're sorry to have to make this announcement," said Holm. "But we're unable to continue.

DX News Vol. 55 Index

by Paul Swearingen

(All regular columns, whether weekly or seasonal, are not indexed. Selected items are from Musings. Most titles have been condensed to generic information, with most non-hobby authors not mentioned. Numbers after subject refer to issue pages. Any errors or omissions are due to my own stupidity, not to vicious political aims. Next year's index may be printed in 6-point, reversed type, as not even the publisher reads this.)

Station lists

Sports Networks - Barry S. Finkel - 2-12, 9-17, 12-1, 12, 27-22
Buffalo Radio - 9-14
Texaco Met Net - Barry S. Finkel - 11-12
Cuban Stations - 13-16
Regional Frequency Night Powers - Jerry Stare - 23-5

TIS/TRANS Stations - Chris Cuomo - 30-10

Antennas

AM Antenna - Bilby - 2-13, 13-15, 16-5, 27-16
ENCBE - Charles A. Taylor - 23-14/17

Technical

Earthquakes - Ray Cole - 1-18, 7-18, 28-7
Interference - 5-19, 6-15
Synchronous AM - 5-23
Beacons on Crystal - Ray Cole - 12-8
Tuning Meter - Ray Cole - 25-11

Publications

NRC AM Radio Log Book, Enlarged Type - 1-1
Pan-AM Plus - #1 - 1-14
Can-AM Plus - 1-17
Wisconsin Media Scrapbook - 1-17
1988 WRTH - 2-22
NRC Publications - 2-23, 18-23
Universal SW Catalogue - 9-1
Reprint - 3-7, 20-7-23, 26-14
Log Bank, by State Listings - 11-23
Radio Listener's guide - Arthur Cushen - 12-1
Go Public - Natalie McCleod - 12-17
Updat to Aero Beacon Guide - Ken Stryker - 20-20
MW Guide to Asia, Austral., Pac. - 23-1
Dial-Search #5 - 24-13
FM Atlas #1 - Bruce Elving - 26-1
FM Station Address Book - 26-13
Idaho Broadcasting Guide - Frank Aden - 27-1
Receiver Shopping List - 27-1
NRC AM Radio Log - 30-1
Station owner's first challenge: snakes

Getting a new radio station on the air is never an easy task. With all the new equipment, the paperwork and the station license, it's a lot of work for the station owner. Peter Hunn, the man behind Palatin's WZZZ AM (1000), which is located in Waukegan, Illinois, has had his fair share of challenges. "I bought the license for $5,000, but it took me years to get it on the air," Hunn said. "I had to do everything myself, from the paperwork to the station's operations.

Hunn is not alone in his challenge. Many others have faced similar challenges in getting their stations on the air. The process can be long and difficult, but the satisfaction of having a station on the air is well worth it. The station can provide a voice to the community and offer entertainment to its listeners.

The station owner's first challenge is often the paperwork. The Federal Communications Commission (FCC) requires a lot of paperwork to be completed before a station can be licensed. This includes applications for a station license, plans for the station's facilities, and financial statements.

Once the paperwork is completed, the owner must then deal with the technical aspects of getting the station on the air. This includes setting up the station's facilities, testing the equipment, and ensuring that the station is operating properly.

Despite the challenges, many station owners are willing to take on the task. They see the station as a way to provide a voice to the community and offer entertainment to its listeners. The satisfaction of having a station on the air is well worth the effort.