From the Publisher... With absolutely no tests scared up by either NRC or IRCA, and my brain a little fried from the end of the first quarter (don’t ask me how many of my students have yet to pass, and what I intend to do to them and their parents!), plus my washer dying, leaves falling, cars expiring, and a few other minor, day-to-day crises, I seem to have run out of intelligent ideas to put on the front page in lieu of tests. So we’ll let our friend Glenn Hauser have a little room this time around.

WORLD OF RADIO and CONTINENT OF MEDIA SHORTWAVE-ONLY SCHEDULE

NOTE: This takes into account one UT hour later non-DST time shifts on WWCR and WBCQ; and new registered frequency schedule of RFPI not yet in effect as of October 27. For RFPI airings, also check previous 15049, and alternates 6970, 5920. In areas going off DST, WWCR and WBCQ airings seem to stay at the same local clock time, and RFPI seems one hour earlier. In areas making no time change, WBCQ and WWCR airings are one hour later, and RFPI stays the same.


For latest revision of this version see http://www.angelfire.com/ok/worldofradio/wormast.html

For pending revision of Master Time Schedule including WRN satellite, AM and FM, Spanish broadcasts see:

http://www.angelfire.com/ok/worldofradio/wormast.html

WORLD OF RADIO homepage:

http://www.angelfire.com/ok/worldofradio

WOR on demand:

http://www.wrn.org/ondemand/worldofradio

COM on demand:

http://DXing.com/conmedia.htm

I hope this helps you keep listening without missing any WOR or COM programs. Regards, Glenn Hauser

---

DX Time Machine

From the pages of DX News:

50 years ago... from the November 4, 1950 DXN: Steve Mann, Westbury, NY, reported "...a really good TA opening" on Oct. 26 when he heard S8B-11178 after WHAM signed off at 0030, Monte Carlo 166, and "many others." On the next morning, Oct. 27, he heard Budapest UT-11187, Toulouse 1944, and Tunis 1662.

25 years ago... from the November 10, 1975 DXN: Jobb-830 Osaka, Japan was reported in October by several NRC'ers, including Fr. Jack Pejza, Albert Lobl, Randy Seaver, Bruce Reynolds, and Steven Whisbrook, who called it "The most consistent TP heard this year, nearly 59 every morning between 1230-1410."

10 years ago... from the November 5, 1990 DXN: Bill Haie had been running a poll as to preferences in DXDX reporting time formats, with the preferences running 3 to 1 against reporting in GMT and two votes cast for local time, as in Musings.
APPLICATIONS FOR NEW STATIONS

APPLICATIONS FROM EXISTING FACILITIES

None

CALL LETTER CHANGES

WPRZ

Status changes in AM stations, supplied by the FCC and listeners

APPLICATIONS FOR NEW STATIONS

1340 ME Vezie 1000/650 U1 (10 miles NE of Bangor)

1400 ME Vazie: 1000/860 U1 (unless this is an error from the FCC, it does appear there are applications for TWO new stations in this Bangor suburb of 2000 souls)

GRANTS FOR NEW STATIONS

None

APPLICATIONS FROM EXISTING FACILITIES

620 KZTY NV Winchester: 400/280 U3

990 KXXL TX Farmersville: 7000/940 (7000 CH) U7

1070 KOPY TX Alice: 1000/1000 U4

1150 WTMP FL Egypt Lake: 10000/300 U4 (modifies application shown last week)

1460 WWKL PA Harrisburg: 5000/5000 U4

1600 WMNE FL Riviera Beach: 5000/5000 U4

GRANTS TO EXISTING FACILITIES

1320 WLOH OH Lancaster: 500/16 U1, relocate transmitter

1360 WELR AL Roanoke: 927/56 U1

1450 KAVP CO Colona: relocate transmitter

1450 WBWY LA New Orleans: 850/850 U1, relocate transmitter

OTHERNESS

540 WDMV MD Pokomoke City: station is SILENT

630 CJET ON Smith Falls: CP for 92.3 FM is on; AM will go off within a month

740 CFPT ON Toronto: operations set to resume on this frequency after January 1st

1160 WMVI NY Mechanicville: silent station is ON THE AIR

THANKS: Bill Hale, Al Merriman, Shawn Axelrod, Ed Krejny, Les Johnson, and MSJ
73 and Good DX, Jerry Starr & Buffalo K.Fooman
WMAM WI Marinette - 10/22 2000 - Fair, with PSAs, promo for co-owned 1340 WAGN, ID, and CBS News. Talk format. [J(W)-WI]

CFCO ON Chatham - 10/23 2102-2108 - Good signal, in KHOW null. BN Newscast, local news and weather, and old rock tunes. First time heard; report sent. [BM-SD]

WSCR IL Chicago - 10/23 2057 - SPT talk program, with program notes and promos. ID at 2101. Very poor, with loop pointed NWN, in order to semi-null local KJLT. Ex. WMAQ. [J(W)-CO]

740 KBR T CA Avalon - 10/19 2112-2116 - Religious program followed by sign off. Dominant signal on this frequency. First time heard at this QTH, but previously verified. [BM-SD]

WNOP KY Newport - 10/22 1945 - Good and loud with local mention and Real Jazz 740 non-IDs into SS programming. [J(W)-WI]

950 KWOS MO Jefferson City - 10/26 1849-1853 - Ad cluster, weather, Focus on the Family message. Fair, in KWAT null. First time heard; reception reported. [BM-SD]

CFPX ON Kingston - 10/11 0707 - Good, nulling WSTB, with Kingston’s... GTO 960. Nice to hear! [J(W)-RI]

970 KFTA ID Rupert - 10/22 0957 - Latino music legal ID at 1000, then more music. Burley and Twin Falls ads at 1012. Fair-to-poor with KJLT and KFEL QRM. Ex. KBKK. [J(W)-CO]

990 KTKT AZ Phoenix - 10/19 2056-2100 - Talk show, ad cluster, ID, and gone at shift to night operation. Fair signal. First time heard at this QTH, but previously verified. [BM-SD]

1000 KOMO WA Seattle - 10/21 2037 - Fair, with Washington Huskies vs. California football play-by-play. Ads at 2039, then Como, NewsTalk 1000 slogan. [J(W)-CO]

1010 KIQI CA San Francisco - 10/22-23 - Noted running at lower power days. A very weak signal compared to previous logs from here. Always been difficult at night here; usually CBR Calgary dominates. [R(T)-CA]

1010 KSHR CO Brush - 10/21 0711 - Fair, with KSIR Farm Radio 1010, with C&W music. No CFBR. NEW! [J(W)-RI]

1010 KIQN UT Tooele - 10/15 2100 - Polymesion programming... could not figure out what I had until the English ID announcing the call and programming. Good signal. NEW!! [SA-MB]

1020 KWIQ WA Moses Lake - 10/27 0854-0901 - ESPN Radio, weather, ad cluster, ESPN preview of next hour, dual ID with KQQQ. Watenatch, then network news. Weak, but steady signal, with some sideline QRM from CBR 1010. First time heard; reception reported. [BM-SD]

1080 KG VY AZ Green Valley - 10/22 2058 - NOS tune, then sign off announcement at 2059: And now it’s time to light the lamp and put our records away for another day... here at 1080 on your dial. KGVV Green Valley Arizona, then off. Fair, in KRLD null. [J(W)-CO]

1080 WNWI IL Oak Lawn - 10/22 0020 - Good, in KRLD null, that saying that air is available on WNWI and to call 708-201-9600 for more info. [MS-MB]

1080 WNWI IL Oak Lawn - 10/24 0859-0902 - Fair signal in KRLD null. Song NEEDLES & Pins, WNWI promo, ID, ethnic program. First time heard; report sent. [BM-SD]

1080 KFAN MN Minneapolis - 10/23 0841-0844 - In the "window of opportunity" between the KWKH sunrise fadeout and the KBRM return to daytime broadcasting, heard a Valvoline ad, ID, and sports talk about the Viking victory on October 22. [BM-SD]

1170 WMRR WI Waupun - 10/24 2152-2201 - End of football game between Laconia Spartans and Lakeside Lutheran Warriors, ads, game wrap-up, sign off and SSB. Fair signal, mixing with KJOC, in KVVO null. First time heard; reception reported. [BM-SD] [A mine past their L55 sign-off time, hi - Ed.]

1180 KERI CA Wasco - 10/25 2056-2101 - Focus on the Family, local announcements, ID, religious program. Weak, but steady signal. First time heard. How I wish my recorder had been running! I’ll listen for another chance. [BM-SD]

1310 WTLC IN Indianapolis - 10/22 1853 - Very good, with no WIBA. Unusual to be in this well. Urban Gospel. The Light non-IDs. [J(R)-WI]

1340 WJOL IL Joliet - 10/19 0400 - Fair signal, with ID on the hour (SA-MB)

1350 KCHK MN New Pragre - 10/20 0928-0933 - Folk music, ID, and sports news. Weak signal, but over others. Second reception report submitted; first got no response. [BM-SD]

1350 WTOU OH Akron - 10/25 0005 - Fair, with promos for many upcoming local sports broadcasts on Akron's Sports network, 1350 ESPN. [MS-MB]

1360 WKYO MI Caro - 10/21 2041 - Good, with promo for sports broadcast on WKYO, WIDL. Not common here. [J(W)-RI]

1360 WKYO MI Caro - 10/22 0035 - Poor-to-fair, with weather and promo for WKYO's sports programs. [MS-MB]

1370 KDTH IA Dubuque - 10/22 1900 - Poor, with NOS music, ID, and old-time radio show. [J(W)-WI]

1370 KWRT MO Booneville - 10/22 1900 - Poor, with two others, with ID and ABC News. [J(W)-RI]

1420 KULY KS Ulysses - 10/22 0027 - Fair, with ID as Home Town Radio KULY into country music. [MS-MB]

1450 KNSI MN Saint Cloud - 10/23 0939-1001 - On top, with local ad, program promo, ID, and CNN News. My call to 320-251-4506 yielded the web site address for NewsTalk 1450 KNSI. It was www.1450KNSI.com. My reception report was submitted through their web site. [BM-SD]

1480 CHUC ON Cobourg - 10/22 1920 - Fair, with AC and 1450 CHUC slogan. Getting so common here, almost don't want to call this one DX anymore. [J(R)-RI]

1480 KAVA CO Pueblo - 10/20 1905 - Legal ID at 1905: KXRE: KAVA, 1480 AM Pueblo, 1490 AM Colorado Springs, the same as noted by Knight for KXRE on 9/30. After ID, Latino music, dedications, Pueblo and Colorado Springs ads, and Radio 10 sol slogans. Don't know if they've totally dropped R. Unica, or if they just run it at certain times. [J(W)-RI]


1490 CJSN SK Shaunavon - 10/16 2356 - Fair, evening Billy Graham's Hour of Decision on Country Music Radio CJSN. [MS-MB]

1580 KDFD AR Van Buren - 10/23 1931 - Local spots, plug for Razorbacks football and program note for Hogs to Auburn on Saturday, then call ID and back to program Sports Rap. Fair, in QRM, and a surprise. Should have been on 45 watt power. [J(W)-CO]

1600 KMN Y CA Pomona - 10/26 0910 - Talk about the California economy; KMNY ID at 0912, covered by KGST, back again with local weather at 0915. [AB(US)]

1600 WBLY OH Springfield - 10/20 2055 - Poor-to-fair signal, with football talk programming and ID. NEW! [SA-MB]

1630 KK WY WY Fox Valley - 10/24 0856 - Under XEUT’s carrier, playing There’s an Old Flame Burning in Your Eyes. Rare. [KR-AZ]

**DDX-east**

Phil Boersma asks, plaintively: "Is it true KXTR-96.5 FM is no more with the classical music and KXTR calls now on 1250 AM?" Regrettably, and with a matching tear, I say "Yes, it is. Phil." 96.5 in KC is now, appropriately, "The Buzz," and the music matches; the perennials 1250 (from Lawrence to Topeka to Kansas City) is now KXTR, with satellite classical programming.

¡Cuidado! I had to cut several ancient, repeated, and out-of-context Central American slogans. Don’t know if they’ve totally dropped R. Unica, or if they just run it at certain times. [J(W)-RI]

Phil Boersma asks, plaintively: "Is it true KXTR-96.5 FM is no more with the classical music and KXTR calls now on 1250 AM?" Regrettably, and with a matching tear, I say "Yes, it is. Phil." 96.5 in KC is now, appropriately, "The Buzz," and the music matches; the perennials 1250 (from Lawrence to Topeka to Kansas City) is now KXTR, with satellite classical programming.

UnID and Presumed

630 WBMQT GA Savannah - 10/7 2141-2148 - Sports talk show, mention of GA. no ID heard; drowned out at 2141 by R. Progess. (DT-ON)

910 WNETp CT New Britain - 10/16 1850 - Presumed with black hip-hop and rap music. (WM-MD)

910 WSTKp NC Jacksonville - 10/16 1923 - "Jacksonville" heard in mess. (WM-MD)
Loggings


WNBAK PA Nanticoke - 10/24 1817 - Fair, jingle ID and easy listening/rockstalgia over a unid Mexican music station. (BC-NH) + WFPT PA Pittsburgh - 10/24 1840 - Good; "Back to more Solid Gospel favorites from yesterday and today. AM 73 WPIT. " and Solid Gospel music. (BC-NH) + WFMC NC Goldsboro - 10/24 1945 - Fair; "730 WFMC Gospel News Now" gospel music news. (FV-NY)

WFSN GA Brunswick - 10/20 2050-2100 - Talk show, brief ID as "WSEF Brunswick. Poor, int. HIL. (DT-ON) + CICMN ON Sudbury - 10/26 0500 - Weak and fading, country music into ID, "...The call letters CICMN owned and operated by Telemeter Radio Inc., 177, in Stereo, music, news, traffic?", then into news. (SC-IN) + WTAR VA Norfolk - 10/21 1820 - Virginia and Florida state football game. (WM-MD)

WKNV VA Fairlawn - 10/16 1840 - Signoff by female; "Tune in tomorrow for the best in southern gospel music. " ID. (WM-MD) + CHML ON Hamilton - 10/23 1843 - Thomas R. Burdy & Sons ad; "Building financial futures on 900 CHML. " Hamilton Farmers Market ad; "900 CHML invites you to Halloween... ..." GL-NY)

WPCM NC Burlington-Graham - 10/21 2285 - Ad mentioning Breenaboori and Westover, the Clemson and North Carolina football. (WM-MD)

WFMD MD Lexington Park - 10/21 1515 - "Mid Maryland Sports Leader, WFMD" (DL-MD)

WFCP MS Houston - 10/23 1912 - Weird forecast; time check; ad for Hyland Wholesale on Highway 15; mention of Houston; then southern gospel music. (WM-MD) + WHYL PA Carlisle - 10/23 1730 - Good with NOS in WELI null. Deja Vu by Dionne Warwick followed by ad for AARP then "Chicago is My Kind of Town" by Frank Sinatra. "AM 9-60 WHYL, serving the mid-state for 50 years. (KP-CT)

CKGM ON Montreal - 10/23 1852 - Stevie Wonder’s "Very Superstitious, "... "On Oldies 9-90; song, male vocalist; singing ID "Oldies 9-90; song, "Great Jubilation; ", news, WJFK - 10/9 2050-2100 - "One-on-one sports talk, CNN News, ID as "1350, 1480, and 1550 AM. ""Fair. (DT-ON)

KTOW WY Casper - 10/25 1848-1925 - WBZ phased, strong and clear with ESPN Yankee-Mets Game 4 pre-game show. Various truck-auto commercials for Casper during ESPN breaks. ID’d as "K2 Radio" and "1030 KTOO. Disappeared at 1925 with pattern change where SS interference took over for the rest of the evening. WNYT. (SC-IN)
WM-MD
8
MD-MA
DT-ON
DL-MD
N-OH
KP-CT
GL-NY
BC-NH
SC-IN
1630 WAWX GA Augusta
1680 WJNZ MI Ada - 10/20 2045 - Hip-hop music, "1580 jams"; promo for local event, mention of Grand Rapids. (WM-MD)

Station News

610 WMFN MI Zeeland - 16/19 0626-0700 - Noted carrying BRN's "Business Morning" show. So it's back to carrying BRN, at least part-time, no longer carrying WRNR. (MR-AD)

1630 WAWX GA Augusta (also WRDW-1480)
1680 WJNZ MI Ada - 10/20 2045 - Hip-hop music, "1580 jams"; promo for local event, mention of Grand Rapids. (WM-MD)

Contributors

PLB-MI Phil Boerma
MB-IN Mark Burns
SC-IN Steve Chappell
BC-NH Bruce Coni
MD-MA Marc De Lorenzo
DL-MD Dave Larrabee
GL-NY Ginnie Lupi
WM-MD William McGuire
DT-ON Don Trefuld
SK-PA Steve Kennedy
KP-CT Kent Pflurde
FV-OH Fred Vobbe

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Professional Sports Networks
Network listings for team sports stations

Here is National Hockey League (NHL) flagship information from "The NHL Guide", the October 13 issue of "Hockey News", and the Internet via Ken Onyschuk. The size of the network is listed after the announcers’ names.

Barry S. Finkel
10314 S. Oakley
Chicago, IL 60643-2409

National Hockey League 2000/2001

Anthem Mighty Ducks 690 XTRA-BC = Steve Carroll, Mike Greenley
Atlanta Thrashers 790 WXQI-GA = Dan Kamal, Bob Beers
Boston Bruins 102.3 WLKO-GA = Dave Coucher, Bob Beers (10)
Buffalo Sabres 1030 WBBZ-MA = Rick Jenerette, John Lorenz
Calgary Flames 107.7 WNSY-NA = Pete Maher, Doug Barkley
Carolina Hurricanes 1600 WCRB-MA = Pat Foley, Dave Tallon
Chicago Blackhawks 1670 WSCR-1L = Mike Haynes, Norm Jones
Colorado Avalanche 1680 WJNZ MI Ada
Columbus (OH) Bluejackets 1460 WSNB-OH = Steve Kennedy
Dallas Stars 101.1 WWCA-OH = Ralph Stangis, Daryl Reaugh
Detroit Red Wings 1270 WXST-MI = Ken Kal, Paul Woods
Edmonton Oilers 630 CHED-AB = Bob Kurz, Barry Buettel
Florida Panthers 560 WQAM-FL = Jill Niskanen, Daryl Evans
Los Angeles Kings 1110 KRLA-CA = Nick Koster, Daryl Evans
Minnesota Wild 930 WCCO-MN = Bob Kurtz, Barry Buettel
Montreal Canadiens 800 CJAD-FF-EE = Dino Sisto, Pierre McGuire
Nashville Predators 997 WWNT-TN = Peter Weber, Terry Crisp
Philadelphia Flyers 1370 WFAN-1L
1240 WIZX-TN
1450 WICT-TN
1400 WAWD-TN

New Jersey Devils 1230 WMLK-TN = Mike Miller, Randy Velischek
New York Islanders 770 WABC-NY = Jim Cerny, Chris King
New York Rangers 620 WJW-NY = Jim Cerny, Chris King
Ottawa Senators 1200 CFGO-ON (EE) = Gord Wilson, Dean Brown
Atlanta Falcons 1150 CJRC-ON (FF) = Michel Langevin, M. Bryson
Philadelphia Flyers 610 WIP-FF-FF = Jim Johnson, Todd Walsh
Phoenix Coyotes 1060 KUSP-AZ = Paul Steigerwald, Bob Errey
Pittsburgh Penguins 970 WWWS-PA = Paul Steigerwald, Bob Errey
Saint Louis Blues 550 KTRS-MO = Chris Keiber, Kelly Chase
San Jose Sharks 98.5 KFSD-CA = Dan Rusanowsky, Pete Stemkowski

Conference
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Bill Hale: <phantom2@eaze.net>: I'm looking for a smaller (than ICF-2010) radio and have seen the DX-398 at Radio Shack for $130 including AC adapter and carrying case. I would like any and all opinions from our group as to its quality. Any 'splits' on it are quite marginal. I like it for its portability. So far I haven't found a way to use it as well, as the contacts on the side that become intermittent. I sent it to my friend up in Greensboro. I have not any faith in the place it was sent. Putting in aircheck for news gathering. The biggest PITA with them is the contacts on the side that become intermittent.

By the way, I'm using a very nice Sony 7600G for DXing. Has a lot of history in all those radios, and all of them work. He also collects microphones, motorcycles and old flashlights. He jokes that the only thing he doesn't collect are wives (grin).
Bought one a few years ago so I could DX ’FM’ in the Land Between the Lakes. It was suitable for the purpose (and the 3-element FM quad antenna worked *great*) but it did induce some nasty buzz into the cheap audio amplifier I was using.

And some advice on where to get log books (not the AM Log, but to keep track of your catches!!)

David P. Jones <djones@piece.com>: Is there a log book available to record stations, etc. Or maybe a form that can be printed off the internet?

Russ Edmunds: None that I am aware of. One reason is that many people like to record more information on both what they’ve heard and also on the station than others do. Another reason is that many of us, like myself, no longer maintain a paper log - mine is entirely in computer files, even my old loggings.

Wayne Heinen <Nrclog@aol.com>: Look at item LG on the NRC Catalog on line at our web site http://www.nrxcatalogs.org

Kevin Redding: Funny that Russ, I have nothing on computer and all my logs are on paper. I know how a hard drive can crash, a disk can be erased by putting it to close to a speaker or an electrical wire or something. I would advise at least having a back up paper copy of your logs. That probably sounds strange from a person that asked for a SDXN.

John Tudenham <jop@earthlink.net>: You may be able to use a ham radio ARRl log. Available from the American Radio Relay League 225 Main St Newington CT 06111.

And we’re going to begin a discussion that became quite involved on the listserv following the talk of the future of DX tests, as we get into the future of NRC, DX News, DXing and other issues relevant to the club. I don’t yet have much of it organized as I would like, so we’ll get the ball rolling with the general idea this time, and by next issue I hope to be able to present more. And yes, I KNOW that this doesn’t necessary help us in our DXing pursuits, but I think it has its place in this column anyway. (Definitely pls.)

Harry Helms <ak6c@earthlink.net>: “Great - another reminder that newcomers like me have missed the Golden Years of AM DXing...” Barry, the “Golden Years of DXing” ended when DX NEWS went to offset from mimeograph...) But stick around... I’m still sticking to my prediction that you are going to eventually see a drastic reduction in AM broadcasters once digital and satellite-based radio is common. Music will move to these CD-quality services, talk and ethnic will move to FM, and AM will gradually fade away. The “good old days” might be 20 years into the future.

Richard Toebbe <rtoebbe@ps.net>: Harry, AM radio may go by the wayside, but will MW? Is IBOC going to work? And aren’t we all really MW DXers in NRC (LW BC is the exception because it is more similar to MW radio than other bands.) I checked the NA8 website to see if there was anything about the experimental 1700 station; it only mentioned that the revised IBOC standards were about ready for submission to the FCC. If it is up to the British, MW will probably go away. There’s a new digital radio receiver coming on the market in England, to be sold as a device you plug into your PC though the signals come from the air. It’s called the Psion Wave Finder. Check it out at: http://www.wavefinder.com/FRHome.asp?page=home.asp

John Callarman <johncallarman@mail.msn.com>: “The Golden Years of DX-ing” ended when virtually every station in the United States license for unlimited hours went 24/7. The golden PAGES of DXing ended when DX News went offset. There was one advantage to mimeographing DX News. It was possible to airmail IDXD editor Pete Taylor DXing results from Monday morning, have them arrive in his E.O. Box in San Francisco Tuesday night, have Pete’s stencils typed and in Ray Edge’s hands in time for the bulletin to be received by Saturday... or the following Monday at the latest. We - the overall BCX DXing community - have developed since the advent of universal NSF operations have developed antennas and filters that clear away a lot of the crud. DX-ing, thus, still has challenging possibilities. But it isn’t as easy as it used to be. As far as DX tests are concerned, cheers for those who endure the frustration of stations who neither know nor care about DX-ers and keep trying to find those rare ones who will do something special to help us to hear them. Just because it’s a lot harder is no reason to quit trying.

Russ Edmunds <dpjones@nlkj.com>: “Eventually I think this is the route all radio clubs will have to go to avoid raising postage and printing costs and to save money” (in quotes because I’m not sure what we should/will call someone who prepares and distributes electronic documents). OK, flame away!

Paul Swearingen: “So when will DX NEWS be distributed in electronic form, probably as a PDF document?” Never, or as long as I am publisher and the current Board of Directors’ members are in place. Had not a former self-entitled “general manager” absconded with the AM Log data, not to mention FM station info, both of which he’d gathered from membership input, and published his own logs to line his own pocket, we might not today be so hardline on this subject. We just don’t intend to make it easy for anyone else of his ilk to follow the same electronic path.

“Eventually I think this is the route all radio clubs will have to go to avoid raising postage and printing costs and to save money for the ‘publisher’” Ironically, in reference to my first rebuttal, I use several computers to prepare the layout for DXN plus the CAS5-certified mailing labels. Without them. I'd have to give up my day job; with them, my work load in preparing DXN is easily manageable. I should mention that we haven’t raised the price of membership for about 14 years, although the cost of printing DXN has gradually increased over the years. As it is, the subscription price versus the cost of printing and mailing DXN is pretty much a break-even proposition now. By the way, I’ve found that PDF files do NOT reproduce very well as black-and-white images suitable for printing. Poetic justice, I guess. “OK, flame away!” Yep, go ahead. Make my day!

Russ Edmunds: To visit the last one first, he is still a publisher, albeit an electronic publisher! If you consider how few members are on the list (relatively speaking), that probably gives you an indication of the answer. I’m also quite sure that only ‘x’ percentage of subscribers to the lists and a much lesser proportion of non-list members would be equipped either in terms of software or in terms of proficiency to do that. Of course, if your definition of ‘eventually’ is long enough, then you may be right on.

Bruce Conti: The problem is that it’s much more expensive for an individual to print hard copies than it is with mass production. Every time I have to replace an ink cartridge, it’s another $25 down the drain. It’s much more convenient to pay $22 a year for the printed magazine, which comes in a nice portable package, than to have to download magazines and print my own. I don’t ever want to see DX News replaced with something on-line. There are already enough resources on the Internet, including the NRCXDAS reflectors and the IRCA’s AM DX News Flash.

Phil Bytheway: Not to mention the “soft” DX Monitor.

Russ Edmunds: I think the cost of the ink cartridges is an excellent point, because they don’t give you the same number or images I used to get at my former office from an old HP IV, hi.

Harry Helms: Not trying to be contentious here, but just how does keeping materials in hard copy protect NRC from having the data ripped off? I could VERY easily produce an electronic version of the new NRC log using my scanner and the various text recognition/conversion and page layout programs I have along with Access. It’s not rocket science to do so. No disrespect intended, but anyone who thinks keeping material in strictly hard copy is some sort of protection against infringement is kidding themselves. Paul. PDF files are now emerging as a competing format for direct-to-film printing projects. The last couple of books I have worked on were sent to the printer as PDF files and the final results were great. We also offer our books in downloadable.PDF form, and about 20% of our sales in the most recent quarter were in that form. One other advantage of PDF is the full-text search capabilities which extend across multiple titles; for example, you could enter “1630” as a search item and all references to that in a full year of DX NEWS would be retrieved (assuming all issues were stored in a single directory). You can also “lock” PDF documents to a single PC to prevent piracy. As far as the printing costs go, I have a feeling most people would only print very few parts of each issue. I don’t need DDXD. East in hard copy for example, nor do I need AM Switch in hard copy... I enter the changes directly into my log. I’m not trying to get rid of Paul... NOT YET ANYWAY...! — but I did want to raise this issue as I think most radio clubs will have to eventually consider going to electronic.
bullets to compensate for rising costs and declining membership (fortunately, the latter is not a serious problem for NRC at this time). Bob Grove at Monitoring Times has seen the future and is being very smart about offering MT in PDF form. OK, back to the dials...

Russ Edmunds: While you are correct, Harry, it was and is far easier and cheaper to simply absorb with the electronic files, which also has the added consequence of leaving the club without an actual hard copy. Many people would only print some of the more important parts of each issue.” But many people like to have something, if not several to very many hard copies of DXN for reference, and only some of us have the hardware (parallel to my prior comments) to handle archiving a year’s worth of DXN’s and more, and I suspect you’re probably missing the mark as to how many people would want to print. In my opinion, it’s a definite plus for the club to keep the electronic files, which also has the added consequence of leaving the club without an actual hard copy. Many people would only print some of the more important parts of each issue. But many people like to have something, if not several to very many hard copies of DXN for reference, and only some of us have the hardware (parallel to my prior comments) to handle archiving a year’s worth of DXN’s and more, and I suspect you’re probably missing the mark as to how many people would want to print. In my opinion, it’s a definite plus for the club to keep the electronic files, which also has the added consequence of leaving the club without an actual hard copy. Many people would only print some of the more important parts of each issue.

Bruce Costi: Another reason to keep DX News in print. As technology moves forward, DX News will become obsolete. For example, I have 78 rpm records from the 1910’s, but no one seems to want to listen to them. I have 8 track tapes from the 1970’s, but no one seems to want to listen to them. I have 16 track tapes from 1980’s, but no one seems to want to listen to them. I have books from the 1990’s, but no one seems to want to read them. I have videos from the 2000’s, but no one seems to want to watch them. I have DVDs from the 2010’s, but no one seems to want to watch them. I have CDs from the 2020’s, but no one seems to want to listen to them. I have digital it can be converted to new digital storage formats. The data on your big floppies could be cast on the hoof and once something is written on it will be lost. I have been scanning and saving issues of 1960’s electronic magazines I own (like Electronics Illustrated and Radio TV Experimenters) because the paper they are printed on is getting discolored, brittle, and is clearly not much longer for this world.

Russ Edmunds: Only to the extent that the data on them was composed in a software which has been ‘mapped’ (for lack of a better word) for as conversion program or even for something to read it. Been there, tried and failed to do that for the reason cited...

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OFF THE INTERNET

From Scott Fybush’s NorthEast Radio Watch dated October 16, 2000:

Our North East radio Chief, Gavin Burt, checks in to let us know WMMM (1160 Mechanicville) has indeed flipped to a 650 AC format as “Sunny1160,” though he reports the signal still needs some work in the south end of the market... WTRY (980 Troy) has officially become WOFX (“Fox Sports”). Just north of Albany, the WBAI calls (long heard on 1230 Glens Falls, now WMM) have disappeared from the 1410 South Glens Falls facility where they’d been living. That station is now WENN(AM), simulcasting standards from WENU-FM (101.7 Hudson Falls) and prompting a specification of a change format to come on the FM side. Down in Olean, we hear WEN (1360) will dump talk for a soft AC format sometime this fall. One bit of news from Canada, and it comes to us through North Country correspondent Mike Roach: CJET (630) in Smiths Falls, Ontario has turned on its new FM signal at 92.3. To come on the FM side a song or two, and you’re pretty close to the concept...

Saturday morning, and ended up leaving the dial there for about 40 minutes. All-comedy radio hasn’t got along so update your logs accordingly. With the Six Flags amusement park closed for the year, WDLC (1600 Mt. Vernon) has changed format back to a simulcast of WTRY (980 Troy), which means the AM should be dark within a few months. (NERW’s Canada factory tour!)

And from the October 23, 2000 NorthEast Radio Watch:

Citadel’s WNYS (1260) in Syracuse dumped its AP-all news format last week, becoming one of the first two broadcast affiliates of the Comedy World network, heretofore a Web-only service. (The other one? KEYF 1050 in the Spokane market...) NERW tuned in 1260 as we passed through the Salt City Saturday morning, and ended up leaving the dial there for about 40 minutes. All-comedy radio hasn’t got along so update your logs accordingly. With the Six Flags amusement park closed for the year, WDLC (1600 Mt. Vernon) has changed format back to a simulcast of WTRY (980 Troy), which means the AM should be dark within a few months. (NERW’s Canada factory tour!)

Hobby Audio Recording in the 21st Century

By R. Charles Rippel, member: NU, NRC, AMRAD

Throughout the radio hobby, establishing and maintaining a record-keeping system is an important task. A hobbyist will often seek specific records of particular interest. Regardless of the segment of the electromagnetic spectrum, the hobbyist who utilizes the latest technology to capture their audio.

In the past 20 years, cassette recording of radio programming was the format of choice. The medium is small, easy to handle, and portable. Recording equipment could be purchased at reasonable prices which was capable of making very faithful recordings. Technological improvements produced reliable microcassettes which was equally useful at home or could be taken into the field on DXpeditions allowing the DX'er to return with exciting clips of audio from rare stations.

For all its convenience, tape recording has its shortcomings. Audio recorded on cassette tapes tend to be "hissey" even when Dolby noise reduction was used. The low, 1-7/8 IPS speed allowed quick tape saturation when a signal faded up suddenly resulting in distortion or sometimes inaudible passages. Finally, indexing or keeping track of what was actually on a tape is cumbersome at best. Written notes must be kept against tape index counter readings. If the notes become lost or accuracy during an active listening session is compromised, the usefulness of the recorded audio is academic at best.

Time and technology have presented several new formats of audio recording. Digital Audio Tape (DAT), writeable CD and Minidisc (MD) are but a few. Because of the unique capabilities offered to the radio hobbyist, this article will focus on integrating the Minidisc format into your listening hobby. Also, we’ll look at a few Minidisc models to illustrate the various useful features the medium offers.

The recordable Minidisc is a reusable medium whose appearance is approximately that of a standard 3-1/2" computer floppy disk. However, the MD is smaller at 2.7/3 the size of the floppy. The discs are offered by the major magnetic media manufacturers such as Maxell, TDK, Sony, etc. As a developer, a pack of 4 Maxell Gold Minidiscs sell for $5.99 with a free case offer on the Internet at Planet MiniDisc - <http://store.yahoo.com/planetminidisk/index.html>

That’s about 600 minutes of mono record time representing the equivalent of 6.6 - 90 minute cassettes.

Through its digital ATRAC coding system, a single Minidisc is capable faithfully recording an exact digital copy of up to 74 minutes of stereo audio on as many as 254 separate tracks or individual cuts. On hard ware so equipped, the recording time is approximately doubled when program material is recorded in mono.

An important feature for the hobbyist, a Minidisc can hold up to 1,700 characters of user-programmable text, numbers and characters that are used to label each track or selection recorded.

The MD disk itself is written and read with a low power laser; thus, typical specifications are about the same as a CD. Frequency response is 20-20,000 cps ± 3db, undetectable wow and flutter, signal-to-noise ratio in excess of 100db, etc. Audio can be input and output from most Minidisc equipment in a variety of methods. This includes conventional level line audio connected VIA RCA plugs. For the musical purist with compatible equipment, some machines offer direct digital input VIA a single coaxial input or, in the case of the more upscale equipment, the digital signal is opto-coupled from the audio source VIA a fiber optic cable. The radio hobbyist will most likely to use the RCA inputs to couple line level audio from their receiver to the recorder.

Minidisc recorders are available from most of the major Japanese electronics manufacturers. There are home units about the size of a CD player, which run off the commercial power mains. Some manufacturers also offer portable models whose footprint is no bigger than 2 credit cards yet are full featured and can operate for many hours on various types of batteries. Sony seems to offer the broadest line of home-recorder/players, and there are several excellent brands of portable and even car units (players) on the market as well.

As the hobbyist begins to read the product literature from the various models to choose one which best suits his or her need, they can be quickly overwhelmed by the many product features recording in the digital realm offers. A good way to start the selection process of an MD unit is by visiting the...
Here, you can learn about the various features such as editing, playback, track indexing, and syncing recording offered by the MD format. What is easy about selecting a Minidisc recorder for hobby use is to identify a few features important to the DXer, and then use that criteria to help make a hardware choice.

Perhaps one of the more unique characteristics of the format is the ability to add user-chosen titling information to each recorded track. As the selection is played back, the titling information appears back on the recorder's main display in one or more lines usually by scrolling. The titling information is entered at the initial recording and may be during a later edit.

Where I'm recording a 25M reception of All India Radio, a basic entry might consist of the following which the recorder would encode as data onto the disc which would display as the audio is played back: AIR Bangalore 11:620 MHz 2142 UTC 08/19/00.

With this 45-character note scrolling across the screen of the player, there is little doubt as to what the program material is being played back. I noted the station name, frequency, and that the recording started at 2142 UTC (more on time labeling later). The date was August 19, 2000.

A more detailed description for the same logging might read: AIR Bangalore 11:620 MHz 2142 UTC 08/19/00. Note ID by OM 0:18:0.

In the case of the detailed description of my Air logging (68 characters), some additional detail was added to indicate that at 18 minutes into the recording, there was an ID by a male announcer. You may title each selection if you wish and what is written and its format is completely your choice.

Because the Minidisc recording system works in real time, most hardware offers several modes of accounting for both playing and recording time. Time into track, length of track, time remaining on disc are but a few of the time display modes. On a personal note, I always label my recordings as to exactly what time they start. I can then refer to the time into track to correlate the occurrence of a recorded event with the actual time at a later date. The titling feature is key and can be a very powerful aid to the radio hobbyist.

Because of the potential power of titling, pay particular attention to whether a particular piece of hardware, be it a home or portable unit, offers the ability to title tracks. Nearly as important as the feature allowing the machines to title a track is how the user must go about adding the text. Most home and all portable units allow the text to be entered via multi-function keys or controls on the front panel. Some home units allow the text to be additionally entered via remote controls.

I particularly like a feature offered by both the Sony MD SJB-930 (Street price: $319 US) and the soon-to-appear MD SJB-940 which allows a standard computer keyboard to be plugged right into the front of the machine. All test entry, including upper and lower case alphabet, numbers, and punctuation can be conveniently typed in from that keyboard. Additionally, some functions of the machine can also be controlled by entries via the keyboard in addition to the usual front panel and included remote controls. Additional information about Sony MD Products may be obtained at their web site: <http://www.sel.sony.com/SEL/consumer/sss/>.

Hardware equipped with the mono recording feature (sometimes called "extended play") is becoming increasingly difficult to locate but is important feature for the hobbyist. There was some controversy concerning high frequency loss caused by the algorithm used to digitally encode and thus enable monaural recording. The frequencies were the lost occurred were well beyond the range needed by the hobbyist; yet, some manufacturers may be by-passing the issue by simply deleting the feature on newer machines. Indeed the Sony MD SJB-940, which will replace the MD SJB-930, does not list monaural recording as a product feature. That issue can be reviewed at the Minidisc Community web site. If you cannot locate a home player with monaural recording, there is an easy work around albeit with the loss of the double record time advantage. Simply combining the right and left RCA inputs with a simple "Y" adapter from your local Radio Shack works fine. Hardware ranges in price from $135 up to over $700 US. Portable players offer many of the same features but in a much smaller package. All of the MD format advantages, including the excellent specifications, apply to portable players. The footprint of the typical portable is tiny and approximates 2 credit cards laid side by side or and approximate 3-1/8" W X 3-1/2" D (78.8 X 18.8 X 86.8mm). The players are just slightly larger than the actual MiniDisc.

Battery life for a typical new technology portable is excellent. One machine quotes 34 hours of playback or 13 hours of recording time. The newer machines each offer different technology, rechargeable lithium ion cells which have excellent capacity but none of the charge "memory" issues associated with conventional NiCad's.

Interestingly, most of the portable machines are very small, general standard "AA" cells will not fit in the case and must be located in a separate battery case. Some players come equipped with a much smaller battery that will fit inside the case making a neat, easily portable package great for DX expeditions.

Due to their size, portables have a few additional issues including the ones mentioned for home units to be aware of. Some portables do not offer manual input gain controls. Instead, an audio ALC circuit is employed which, while sophisticated, may not be able to properly ride gain on something like a static crash.

Because of their small dimensional size, the controls are likewise small. This can cause operations such as titling and editing to be a bit challenging. However, when faced with the choice of using a computer or a portable, the MD wins hands down every time.

Like portable CD's, MiniDisc players are very rugged. Many use an anti-skipe design which "remembers" a certain number of seconds of previously played material but on an ongoing basis. Should a shock occur and the data feed from the disc interrupted, the player will digitally reconstruct the audio from the previously memorized audio data. But know that like all home electronics, getting a MiniDisc player wet is its death-knell. The lead in the solder used in the assembly of the circuits will begin to corrode, and the process is not repairable or reversible.

Finally, make sure the model of choice offers a Line Level Input. It is this input which connects to the line level audio output of your receiver. Pass up units which offer only a microphone or digital input.

A couple of portable models which offer the features used by the hobbyist are the Aiwa AM-C60 and Sharp MD-MS772. Both offer titling and mono-recording. I choose the Aiwa model, as the US model features an included "Car Kit" which enables the unit to play through my car stereo via a special cassette configured as an input device. A cigarette lighter plug, regulated to the appropriate voltage, is also part of the "Car Kit." Portable recorder/players range in price from $100US all the way to $1,300 for the Marantz PMD-650.

Watch the sales but be very careful about Internet purchases. Many of the US based divisions of Japanese manufacturers will not offer warranty coverage on products generally bought over the Internet unless it is through an "Authorized Internet Dealer." Here are a few examples:

Crutchfield at: <http://www.crutchfield.com>

J & R Music World:

http://www.jandr.com

It may not be perfect...

but the NRC AM Log is, simply, the best there is because of your contributions. Why not make the next edition even better? Send all corrections and changes to Wayne Heinen - 4151 S. Andes Way - Aurora, CO 80013-3831, or nrclog@aol.com. Thanks!

For Beginners...

the world of DX'ing can be confusing, but both new and experienced DX'ers can find answers in Russ Edmunds' column, "DX'ing Confusion," or 753 Valley Rd.

Blue Bell, PA 19422-2052 and he'll answer it in a future column. Remember - you're not alone - we all started at the beginning - once!
Excerpts from DX Listening Digests 0-119 and 0-120
By Glenn Hauser

U S A. Crawford's KLVZ-AM 1220 to switch to classical

"Crawford Broadcasting's Christian contemporary KLV-AM, Denver changes format: Switching to classical. Effective Monday, October 9th. The station decided on the switch after the news of Latino Communications buying classical KVOD-AM, Denver from Clear Channel. When the sale is complete Latino Communications plans to change the format of KVOD-AM to Spanish-language. This frees up Crawford to switch KLV-AM to classic music.

This is both good and bad news. Good in that classical radio will continue in Denver. Bad in that the effective power of the 1220 frequency is much lower than 1280.

Perceptive Denver radio listeners will recall that Zee Ferrufino sold 1220 AM to Crawford for around $1.5 million within the last year. The format changed from Spanish to Christian. 1220 will now switch to classical. 1280 switches from Classical to Spanish. Any questions? ("Ruby Hill," Sept 28, http://www.kvod com listener forum via DXLD) This update COM 50-08, and refers also to WOR 1053, DX LISTENING DIGEST.

U S A. KLVZ-AM plans Oct. 9 switch to classical music

By Dusty Saunders, News Broadcasting Critic

Denver's classical music (overs will still have Bach, Brahms and Beethoven on the radio. Following Wednesday's announcement that the classical music format on KVOD-AM (1280) will be dropped by new owners in favor of Spanish programming, Crawford Broadcasting said Friday KLVZ-AM (1220) will switch to classical no later than Oct. 9.

The station currently features Christian music and talk programming. KVOD has been purchased by Latino Communications of Denver. Don Crawford, Jr, head of Crawford's local broadcasting outlets, said the switch "is a natural," in light of Latino Communications' decision.

The station will concentrate on "traditional classic" rather than on more "obscure" modern music, according to Crawford. KLVZ (formerly KBNO) operates with 660 watts in daytime but drops to 60 watts at sundown, making it the lowest powered in many parts of the Denver area.

Noting there's a possibility of increased power, Crawford added the KVOD call letters would be added if Latino Communications drops them. Crawford called the format a "great companion" to Crawford-owned KLZ-AM (560), which features nostalgic music.

Colorado Public Radio Acquires Denver Station

From Colorado Public Radio's website

Colorado Public Radio announced today (10/6/2000) that it has acquired a second Denver radio station to provide Colorado Front Range listeners with full-time classical music programming.

The 1340 AM station, acquired from Catholic Radio Network for $4.2 million, will begin classical music broadcasting immediately upon Federal Communications Commission approval of the sale.

"This is a major step toward Colorado Public Radio's long-term goal of providing a two-channel radio network for listeners statewide," said Buzz Victor, Chair of the Colorado Public Radio Board of Directors. "Given the recent turmoil in Denver radio, we feel a strong obligation to ensure the survival of classical music radio as a vital community resource."

Colorado Public Radio's KCFR will continue its current schedule of in-depth news and classical music programming at 90.1FM, while the addition of 1340 AM will allow for the continuation of full-time classical radio in Denver. Special programs such as the weekly Colorado Symphony Orchestra concert broadcasts will now be heard on both 90.1FM and 1340AM.

Latino Communications LLC recently announced that it will switch the current KVOD classical music format at 1280 AM to Spanish-language programming. Latino Communications and Colorado Public Radio have agreed to transfer the KVOD call letters and music library to Colorado Public Radio.

"KVOD has been a mainstay of classical music programming in Denver for more than 30 years," explained Max Wycisk, Colorado Public Radio President. "In the changing media world it is natural that KVOD can become a non-commercial, public radio service. Colorado Public Radio has been working for several years to produce the highest quality classical music service possible. Now all of our classical programming will have a full-time home in Denver."

1340 AM reaches the entire Denver metro area and beyond, broadcasting with 1000 watts of power 24 hours each day. Programming details will be announced once the acquisition is completed.

It's finally happening. CPR got their second Denver station. Interestingly, they paid over $1 million more than Ferrufino paid for 1280 AM. And for an inferior quality signal: 1280 broadcasts at 5000 watts, 1340 at 1000 watts.
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**Musings of the Members**

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**Thoughts from NRC members— the opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc.**

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During our swing through “Atlantic Canada” this summer, I struggled one afternoon to hear the beloved Red Sox (okay, but remember I grew up in Vermont). I could follow the game okay as we of Time. The effect was enormous! Same thing noted coming south when we left (after celebrating our Confederation Bridge. It takes you about 100 feet above the Atlantic Ocean over its whole length and in? I punched the left button on the radio that took me to 530 kHz, and found a station of good enough to look at, I can tell you. By the way, a big downside to Atlantic Time? The eleven o’clock news from you’re out the door before the Today Show comes on. Lovely terrain and people mally for a few years prior. I’m a prior editor of DDXD, locations from 1969 latter a senior in college and still at home. Alas, I am unemployed after 21 years with ally during which time I was most active in ham radio on 2 meters FM NJ of a re-intro is in order, so here goes. I've just started my 39th consecutive year of club membership same. I am still looking for my first TA at this location, after having heard them in large numbers and dent consulting work. Owing to the combination of many local noise sources, many immediate local ...