From the Editor...

Yup, Wayne see that NRC members are sending the Colorado CPC machine stamps to a record pace. A complete report will be forthcoming next week.

Thanks to the efforts of Ernie Wesolowski, the club is $80 richer as the result of Ernie producing six tapes of the Topeka convention ($8 each) and turning the profits back into the club. Thanks to Ernie for both the video and the copying it.

Speaking of money, take a few minutes to study the financial statement on page 11, prepared by NRC treasurer Dick Trux. It reveals that the NRC is financially quite strong and has enough cash flow to continue to finance money-making projects, such as the NRC AM Log, all of which continue to hold dues to a reasonable level.

Ernie Buenuer reports that NRC member Bill Altszuweit was injured in an auto accident on October 31, suffering a dislocated hip and causing him to remain in traction for some 10-12 weeks. Get well, Bill!

DXing conditions continue unsettled, due to fluctuating auroral conditions. One night all stations to the northeast will have disappeared, but the next they're back in full force. Check each night to see what's going on. I've actually picked up a number of new stations here (yes, I do DX occasionally)

DX Change... Sid Steele - 2404 8th St. - Charleston, IL 61920 would like to sell some of his old copies of DX News, all complete volumes: V. 45 (1977-8 through V. 53 (1986-6). He is asking $4 per volume or $30 for the lot, including shipping. He'd prefer to sell the lot as a unit but would sell individual volumes. He says his wife doesn't care how he sells them, as long as they sell, hi!

Don't forget the "skip" between #11 and #12... the deadline here for #11 is Dec. 9 and for #12, Dec. 23. #11 will be published on Dec. 18 and #12 on Jan. 1.

DX Time Machine

Twenty-five years ago... from DXN #9, November 28, 1964... Mike Tidbrook, Pittsburgh, PA bought a new KQ-150 for $100 and improved his DX, receiving his fifth Puerto Rican: WPRA-990... Bob Kelley, Milwaukee, WI picked up station W36... Charles Rich, Lebanon, PA... picked up XEABC-750, Los Reyes, Mexico... Hank Montgomery, Burlington, VT claimed 64-400 in his 42nd year of DXing... John Johnson, Hoboken, NJ reported in for the first time in 7 years, mentioning that his 55 was an army surplus BC-100A Hammarlund... and Russell J. Hensan, Syracuse, NY filed his Moong with answers to questions from members.

Ten years ago... from DXN #9, December 17, 1979... Roi Kramer, Chicago, reported KFQD-750 Anchorage on 11-23 and recommended 0120/0450 as the best time for hearing them... Neil Kazaras logged ORZAN-600 Peru on 11-26, ID 0027... Jack Parks, Hamlet, NC reported the imprinting $35 for 500 kHz to serve Pinehurst-Southern Pines... Doug Allen, Shenendoah, NY had moved to a house and was using an APR-4, 150 feet of wire, and a Palmaire Loop to shape the likes of Guadaloupe-640 and R. ARC, R. Horizons, and R. Perija, all on 540... Ernie Wesolowski, Omaha, NE reported on his trip to Iceland, saying that DX was very poor the first five days due to the Aurora... and 7-year-old David Margulis, Omaha, NE reported 533 heard, 192 verified, and asked for help in verifying KNIX.
**AM Switch Digest**

**Jerry Starr**
c/o WHOT Radio
4040 Simon Road
Youngstown, OH 44512-1320

Status changes in AM stations, supplied by the FCC and NRC members

### CALL LETTER CHANGES

<table>
<thead>
<tr>
<th>Old call</th>
<th>New call</th>
<th>Old call</th>
<th>New call</th>
</tr>
</thead>
<tbody>
<tr>
<td>1191 WVOU TX Edna</td>
<td>XTMR</td>
<td>1148 KLEO KS Wichita</td>
<td>KCSN</td>
</tr>
<tr>
<td>1290 KKOF AZ Tucson</td>
<td>KLIM</td>
<td>1550 KOKA LA Shreveport</td>
<td>KVKE*</td>
</tr>
<tr>
<td>1700 WSSG NC Goldsboro</td>
<td>WFXR</td>
<td>1025 WSUS NC Raleigh</td>
<td>WCLY*</td>
</tr>
<tr>
<td>KERG OR Phoenix</td>
<td>KFOX</td>
<td>1370 CKTA AB Taber</td>
<td>CFEZ*</td>
</tr>
<tr>
<td>1390 WJLP NY Buffalo</td>
<td>WFTS</td>
<td>1570 CKTA AB Taber</td>
<td>CFEZ*</td>
</tr>
</tbody>
</table>

**Notes:** WFXR change correctly original FCC report that new call was WFXR, a call until in use in Findlay, OH. KERG change reflects the move of KVKE's call and programming from 1290 kHz. WFTS-1390 was a call change set aside and never used. KVKE 1570 corrects a typo which was KCFX-1570 change to WFTS was another of those changes never reported by the NRC, took place months ago and confirmed by the station. CKTA-1570 change reported by our source as CFXU, but CFEZ is confirmed by monitoring and the station.

**APPLICATIONS FOR NEW STATIONS:**
None

**GRANTS TO NEW STATIONS**

<table>
<thead>
<tr>
<th>Grant to new stations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1110 AZ Tucson Estates: 5000 D3 (previously reported, correct frequencies)</td>
</tr>
</tbody>
</table>

**APPLICATIONS FROM EXISTING FACILITIES**

<table>
<thead>
<tr>
<th>Application from existing facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>750 WNOZ IN Portage: power to 17000 watts</td>
</tr>
<tr>
<td>1010 WXTL FL Jacksonville Beach: day power to 2500 watts, add 10000 watts nights, antenna to U4, city of license to Baldwin, FL</td>
</tr>
</tbody>
</table>

**GRANTS TO EXISTING FACILITIES**

<table>
<thead>
<tr>
<th>Grant to existing facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>640 WBRM MI Zeeland: changes in antenna system (new station not on)</td>
</tr>
<tr>
<td>730 KCSA TX Grand Prairie: antenna to U2 (see full-time grant last issue)</td>
</tr>
<tr>
<td>920 WTIT NM Trenton: day power to 1400 watts</td>
</tr>
<tr>
<td>1170 WAYS FL Davie: antenna to U2</td>
</tr>
<tr>
<td>1260 WBED NJ Trenton: night power to 2500 watts, antenna changes</td>
</tr>
<tr>
<td>1430 KGTN TX Georgetown: day power to 10000 watts (990 CH) D3, city of license to Creedmore, TX</td>
</tr>
<tr>
<td>1600 KSSA TX Plano: city of license to Cockrell Hills, TX, former synchro operation now licensed as regular night XR site</td>
</tr>
</tbody>
</table>

**OTHERNESS**

<table>
<thead>
<tr>
<th>Otherness</th>
</tr>
</thead>
<tbody>
<tr>
<td>760 KECI KS Overland Park: new station is testing ON THE AIR using this call. Since this facility is now operational we expect the move of KCCV here from 1510 kHz to be imminent. It is still unclear if they will bring the KCCV call to 760 but we'll all know soon.</td>
</tr>
<tr>
<td>1180 WHIT NC Carolina Beach: new station should be ON THE AIR by the time this reaches you</td>
</tr>
<tr>
<td>1230 KJYK OR Talent: silent station expected to return in December 1989</td>
</tr>
<tr>
<td>1260 KTEE ID Idaho Falls: station is SILENT</td>
</tr>
<tr>
<td>1290 W ajax WI Minneapolis: incorrectly listed in Log as KJTC</td>
</tr>
<tr>
<td>1470 KCO PQ Point Claire: station declared bankruptcy and went SILENT</td>
</tr>
<tr>
<td>1470 KCO PQ Drummondville: station is SILENT and assets are being sold to satisfy debts</td>
</tr>
</tbody>
</table>

Thanks to these members for their contributions: ANDY RUGG, CHARLES BEH, WAYNE HEUER, DICK TRUM, GEORGE VANISH, DAVE HASCALL and KEN BUTTERFIELD

73 and Good DX,

Jerry Starr & Buffalo K. Foonman

---

**Domestic DX Catches - East**

**William Hale**

734 Burleson
San Marcos, TX 78666

**MEDIUM WAVE RANGES**

<table>
<thead>
<tr>
<th>Frequency Range</th>
</tr>
</thead>
</table>
| 540 WJR—VA RICHMOND - started 24 hour operations on 11/1, format change to OLD took place on 10/28; new format is OLQ |}

**SPECIAL**

<table>
<thead>
<tr>
<th>Frequency Range</th>
</tr>
</thead>
</table>
| 770 KPRC TX HOUSTON - 11/21 1000 |}

**620 WNYC NY NEW YORK - moves to 820 kHz (US 50000 10000) scheduled for January, 1990, per Glenn Hauser's World of Radio (BR-NJ) |

**880 WOBS NY NEW YORK - 10/17 2215-2300 with cover of WRK, broadcast complete with relay of sister station WORC with color phrasing in phone for hard-hit areas (RS-ON) |

**1030 WNTL MD INDIAN HEAD - 11/20 1600-1700 format now Washington's International Sound Lite rock by BILLI JOHNL etc; strong over WBT (G-V PA) (New Lacon, Tech. Ed.) |

**1135 WSAG MD SILVER SPRING - 11/6 1670 5 kHz off norm, strong but with distorted carrier; in serving northwest Mississippi, this is 4540 AM 1140, sounds then cut carrier at which time a strong CD appeared on 1140 over WWRV; may have been on poorly maintained aux XR and switched back to main after sign-off for testing (CR-ON) |

**1300 WFOX OH MONTGOMERY - still using this call as of 11/9 AM & Broadcast reports of this call going to WSSG-1300 Goldsboro, NC are either FCC typo or a super good on their part if WEKU actually assigned to 1300 (300) has been known to assign the same calls to different stations in the past (CR-ON) (Yep, my Log shows WFXK at Findlay (original entry when printed and at Goldsboro, anyone in NC hear 1300 in Goldsboro? What calls are these they-Ed?) |

**1420 WINS IN MICHIGAN CITY - 11/9 0940-10/31 1832 off completely with XR problems, all using tubes; getting a new new XR with stereo but will not be using 111 all other equipment is compatible; HRR KSS 525 kHz is its absentee; WINS returned around 1830 on 10/31; on 31 hrs minus normal 2300-0500 SP (CR-ON) |

**1480 KBEN TX DALLAS - new tower site under construction in southeast Dallas county; no testing yet, this will be a site move, not a frequency change (WY-TX) |

**1540 KSGB TX DALLAS - radio signal now heard in Garland with good strength must be from new site near Kaufman, Texas, reported Dallas as lead in by ID, though site was supposed to move to University Park, location change still in Dublin/Washington Gardens, TX near Arlington) and mailing address still a P.O. Box in Dallas (WY-TX) |

**1970 "WNN" IL HARVEY - 10/23 1520-1600 noted with financial difficulties via the Money Radio Network, 120 Chicago, U5-TI-S2 on 24 hrs, but for now is HF 0700-1700, WNN TX 11 sign-off and new & then during the weekend; end (W-BEE) (APP-IN) |
MIDWAY TO MIDNIGHT

550 KRAI CO CRAIG - 1/29 1900-1903 fair with Denver Broncos FB (RD-IA)

560 WHK KY MIDDLESBORO - 11/10 1951 ID popped thru mean 6th promo (GL-IA)

600 WDTN OH BUCKHOUR - 11/17 1974 with sign-off after Don Hatter & vaux (HH-PA)

620 KTAS PHOENIX - 11/20 2200 full signal with John Gibson dominated channel (new title)

690 WHB PA GREENSBURG - 11/8 2350-2342 with wx, NHZ wx @ 1140, HZL 620; poor, CW & GWC; the others a mash (GL-IA)

700 KKFT TUCSON - 10/23 2101 fair with ID during CBS Monday Night Football FB (this is KKFT, AM 620, Tuscaloosa, Texas, KNX - IA)

750 WJIC MILWAUKEE - 11/4 2301 fair with Milwaukee Bucks BOOS (new line)

800 WGST GA ATLANTA - 11/12 1710-1750 weak, but readable, faded after 1735, call-in travel show, @ 1750 (GV-PA)

820 WGST GA ATLANTA - 11/12 1736 fair with ID, then into phone-in show (GL-IA)

970 WCRV TN COLLIERSVILLE - 11/4 1902 REL promotion, ID and telephone number, Ten Fair in Cincinnati null (HH-PA)

1020 WCVR TN COLLIERSVILLE - 11/12 1735-1740 weak with message about pornography (grotesquely against it) (also said it gives a Christian perspective to current events -GV-PA)

1050 WRSD NH NASHWAUK - 11/2 1750-1758 killer signal blasting WSM, ID, CW & GL-IA

1100 WJAZ NC RAHCOP - 11/4 2300 full signal with 81 Cloud meter reads CW/ID, ID, local ads with St Cloud meter @ (HH-PA)

1170 WFFS FL MIAMI - 10/29 1750-1820 very strong with SS, wx, Billboard survey, Radio 3300401 - 10/31 Miami Beach Cycle Center; also on 10/29, 10/31, 11/4/6 GV-PA

1180 WCCT KY CORBIN - 11/10 2358 fair with CW & ID, NBC N1). Promo N1, 000, - 000 (GV-PA)

1360 WTDZ TN MEMPHIS - 11/6 1758 good with I know by Barbara George followed @ 1800 by legal ID:our call letters say what we play. (1029) this line & ID WEDDIE WOOD, Memphis, FPO O'Clock. On John Conner & 65 Superstar's You Can't Hurry Love vanished with powered up change @ 1802 leaving WCCT-KY on top (CR-ON)

1450 WVOX AL BIRMINGHAM - 11/1 2350 with CW & bx, Running Classic Country, AM 690 WICON ID- Hank Williams & BO; Midnights are your new and information station, AM 690, WVOX Birmingham ID-CNN; very good to DX, nice ID (BA-PA)

1470 WCAC LA GRANGE - 11/6 1740-1750 strong, along after WTVI sign-off; with Oldies, we for western Georgia, eastern Alabama (GV-near Huntsville, PA)

1540 WFLA SC CHARLESTON - 11/6 1750-1759 fair with BkN bx, Power 79 slogan, traffic report, with ad for a FL Pleasent auto repair & machine shop (GV-near Huntsville, PA)

1570 WNTC KY VANCEVILLE - 10/21 1300 with REL panorama, 730 Vancele, Kentucky WNTC ID; radio station, but poor with a little WPAI splash behind (GD-IA)

1630 WCRB CA SAN FRANCISCO - 10/17 2325-2359 fair under CBL with live quake report, CA 4 (DY-IA)

1680 WRNO VA HUNTSVILLE - 11/12 1825 powerful at times, several IDs, CW bx, no ads, only one promo during entire hour (DY-IA)

1760 WKYS AL HUNTSVILLE - 10/23 1959 fair with sign-off (RD-IA)

1790 WARY KY LOUISVILLE - 11/12 1650 strong & mostly along with CW bx & True Country (HH-PA)

1830 WRKJ TN JONESVILLE - 11/11 1800 strong with GOS bx & several ads for church services to be held in Valley Forge that evening (HL-PA)

1860 WRAG WV CHARLESTON - 11/9 1750-1800 ID sound for western Wisconsin, WRAG, Earl Claus and song by Don Williams (GD-IA)

1880 WMBX SC ROOSTER JAM - 10/16 1000 with Good Times you do Away by Paul Young & 4 ID promo for CRAB-sponsored Halloween party no sign of CRAB (RD-IA)

1900 KFLT AZ TUCSON - 11/6 1920 fair with first TC; running fund raiser for Family Life Radio had on-air phone call from livestock in Albuquerque, NM, gave address as KFLT, P.O. Box 3686, Tucson, AZ 85740 (from look-up promo for pop called Online Live; WOC also up @ 1929 for a minute or no and when faded down again, KFLT was gone; probably cut power @ 1930 (CR-ON)

1920 WADO LA PLACITA - 11/11 1745-1800 weak, but little GRM, Dinner hour EBL bx, ads for Royal Restoration, Cinemas 8; no sign of any northern stations (GV-PA)

1930 WBOA MO HARRINGTON ID - 10/18 1929 with sign-off; good in WVOX null (RD-IA)

1950 WWHO NC EDEN - 11/19 1950 CW bx, then to Panthers HS simul with WVEV-1130; calling WOO before the Cuban simul on (GD-IA)

1960 WDOZ TN BENTON - 11/9 1910-1925 fair with ID:back-to-back music on WZMO sang by The Ventures (RD-IA)

1970 WSTL MO CANTON - 11/12 1700 very strong with band for Today from Unity features; has OLD bx (HH-PA)

1980 WGTN AL SHERMAN - 10/18 1924-1932 good with ad from Ronnie Miller & The Big Band promo for The Hall of Fame Special! ID: good to have aboard, this is GTN, Sherman over/under RRV (RD-IA)

1990 WDMX VA STANTON - 11/4 1904 with TC, song Let It Be from Appleseed, Wayne County, 60-40, Winway of Wayneboro, WV, sectioning downtown Staunton, ID & back to ID; fair in CHXL null (HH-PA)

2000 KRIA TX TERRELL, HILLS - 11/12 2300 with Cool Gold satellites oldies bx, with local Cool Gold, AM 950 drop-in; full ID @ 2300 (gl-PS)

2010 WQCH MD BETHESDA - 11/11 1800 ID, then into bx, upgraded for NBC (HH-IA)

2020 WCRB PRAGUE - 10/14 1645 fair with sign-off announcements (HZ-ON)

2030 WBBF KY ROCHESTER - 10/13 2354 fair with CW bx, ID @ 0000 and country (HH-PA)

2040 WQAV KY LOUISVILLE - 10/12 2200 with IDThis is wave 794, WAVY Louisville; fair in CW bx null (HH-PA)

2050 KTKT AZ TUCSON - 10/30 1950-1955 with city & state bx, Tucson traffic, ID under set (RD-IA)

2060 WUVK TN KNOXVILLE - 11/7 1754 fair with end of Autoscocks 500 NASCAR race from Phoenix on NHN Radio, list of sponsors, truck leasing company, promo for WVOE, advanced radar weather for Knoxville & eastern Tennessee's sports leader (MK-ON)

2070 WKTU TX VICTORIA FALLS - 10/26 1948 good with song Free Rxn+ID+Easy with K909, K974, Madison by The Lettermen; 1st time heard in over 3 years (GD-IA)

2080 WZTL TN CAINESVILLE - 10/30 1850 poor with 60S bx, talk of @ 1915, no ad heard (RH-VA)

2090 WKMX OH CLEVELAND - 11/15 with AM-FM ID during Broncos postgame show fair under KTOX (RD-IA)

2100 WJGH GA SPECTOR - 10/30 1821 fair with Amanda Lane Show, CW bx, ad, ID @ 1856 after ad & 251 (SB-IA)

2110 WULP IL CHICAGO - 11/3 2009-2030 and of BDK postgame show, local ad, sports updates/preview; 2nd report for QM, (GT-ON)

2120 WRAR VA TAPPAN/HADDOCK - 10/30 1719 fair-poor with numerous ads, sport bx @ 1728, abrupt sign-off @ 1732 after AM-FM ID, no sign-off ad sent per (RH-VA)
Domestic DX Digest - West

Wayne Heinen
4131 S. Andes Way
Aurora, CO 80013
(303) 699-6338 (prepaid only)

DX Catches in the Western U.S. and Canada, with 24-hr. ELT

Deadlines are on Saturdays

SPECIAL!

1470 KNTS TX Abilene
11/16 1806 Ann Johnson w/Tx Ns, Nat'l spots, 1814 "Money Magazine" then Bus Ns, Calls mentioned between items, Fair to Poor signal (ex-KFQX) (W-0W)

1490 KBOI CO Boulder
11/15 1500 per 0W tip off air. Repeatedly off thru 11/16. NOTE back on 11/18 1700 w/CU STOMFING KS FH game with apparently reduced power. Suffered heavy splash from KDRO-1510. (WH-0C)

1570 CFZJ Ab Tabor
11/16 9834 Local ads, ETL Mx to 9830 "Easy 1570, CFZJ Tabor" ID and local News. (ex-CUKA) (WH-0C) See also CFZJ in UNID section-ed

Midnight to Midday

1490 KGOS WY Torrington
11/19 0105 Noted w/o/offer ann no SSB. Relatively easy w/ KBOL apparently on reduced power. (0W-0G)

1490 KGOS WY Torrington
11/15 0439 End Wx. Local spots to Stock report, fair signal (WH-0C)

UNID's & UNID's ID's!

920 KQEO NM Albuquerque
11/14 2232 Mx from 50's, 60's & 70's. "The Oldies Channel 920 KQEO" fair signal NM #42. (IT-0C)

CONTRIBUTORS

(0W-0G)-Shawn Asdress \ Winnie, MB
(KH-0W)-Wayne Heinen \ Aurora, CO - R-590A, 8irc Loop, Radio West TRF-655
(0W-0G)-John Wilkins \ Wheat Germ, CO - R-3060, 26" loop
(IT-0C)-Jeff Tynan \ Parker, CO - Sony 4002 w/7JS-8 Loop

SuperCountry

WOKJ 1550 AM

CITY QUIZ

John S. Bouwer, Valparaiso, IN

Quiz #1

Only one city in the United States has stations operating at the five dial positions shown below. Of course, there may be other stations in this city too! Can you spot the city?

<table>
<thead>
<tr>
<th>950</th>
<th>1110</th>
<th>1220</th>
<th>1420</th>
<th>1540</th>
</tr>
</thead>
</table>

Here is a hint: It is one of these: Denver, San Francisco, Cleveland

(Townsend) The answer will appear at the end of the next City Quiz in DX News. The answer is City Quiz #40 Columbus

International DX Digest

Chuck Hutton
963 St. Charles Ave., #1
Atlanta, GA 30306
(404) 992-6211, before 2300 ELT

Foreign DX Catches. Times are UTC; for ELT subtract 5 hours

Don't blink... Don't bother to sit down if you are standing up... Go ahead and read DXQD even if you are late for work, it won't make you any later....

950 CUBA Santiago Cuba 11/6 0537 SS talk by man. // CQDX 940.

1190 CUBA Guanajuato 11/12 0121 tentative, no district Cuba. Fair/poor w/wOHO. (Towndone)

Bill Towndone - Washington, DC IFC2010

The following statement is for the year Oct. 1, 1988 through Sept. 1, 1989.

INCOME STATEMENT

Membership Dues $419.78
Domestic Lot $7.01
W3M Lot $117.50
Antenna Manuals 1 & 2 $30.50
Anniversary Book $39.50
Imprints $75.00
New Member Book $28.50
Jingles $58.00
Beaver's Annual $95.50
Audio Service $5,257.95
Loop Annual $194.00
Convention Income [Note 1] $1,474.66
Annual Address Book $45.00
Miscellaneous Income $235.50
Total Income $33,264.10

EXPENSES STATEMENT

Printing:
Bulletin $9,151.79
W3M Lot $1,247.25
Beaver's Annual $8,346.19
New Member Book $335.92
Domestic Lot $28.50
Administrative $223.06
$45,484.04

Postage
Bulletin $8,055.50
W3M Lot $1,521.94
Beaver's Annual $3,320.47
Administrative $8,707.21
$24,606.94

Administrative Telephone $65.29
Supplies $1,134.95
Sales Tax $302.20
Miscellaneous (Note 2) $3,586.03
$7,158.63

Total Expenses $32,652.08

NOTES FROM THE TREASURER

We have been most fortunate in being able to derive additional income from the sale of the Club’s many publications in addition to subscriptions to DX News. As we are continuing our efforts to keep annual membership costs to a minimum, your continued support and patronage is appreciated.

Dick Trux
Treasurer-NWC
Agra closes CKO network after losses top $55 million

BY DAN WESTELL

The Globe and Mail

TORONTO, June 25 - Agra Communications Ltd. has closed its money-losing CKO all-news radio network in an open-motion bankruptcy.

The decision was the Sanction-based communications company's second in six months. Agra's public relations manager, Robert Diemer, said that CKO had been in financial difficulty since its inception in 1979. The company was expected to post a loss of $20 million this year, he said.

Agra, which runs CKO through CableNet Ltd., had been facing increasing pressure to sell or close the station. It had failed to find a buyer for the station, and its remaining assets were returned to the CBS/TBS/NBC syndication house.

Agra was the only one of six companies that had been approached by CableNet Ltd. Agra had received no offers for the station, Mr. Diemer said.

Agra was not immediately available for comment.

The company said it was in the process of selling its remaining assets and would continue to operate the station until it finds a buyer.

The closure comes two years after Agra announced plans to sell CKO to CableNet Ltd. The company had been facing increasing pressure to sell the station.

The station's audience had been declining and the company was losing money. Agra had been forced to cut costs and had to lay off some of its employees.

The station's closure is expected to result in the loss of about 200 jobs.

Writing had been on the wall for closedown of CKO

Toronto Globe and Mail

by Charles Reh

Toronto Star - via Dan Trelford

Radio

Greg Quill

Radio-Television Telecommunications Commission, the network was warned that operation of CKO would be suspended if the station couldn't secure its financial future.

The station was at risk of losing its license if it couldn't pay its bills. The Commission said it would consider revoking the station's license if it couldn't pay its bills.

The station's owners were asked to come up with a plan to ensure the station's financial stability.

The owners said they would seek additional funding to keep the station operating.

A conference call was scheduled for next week to discuss the station's future.

The station's closure is expected to result in the loss of about 200 jobs.

The station's audience had been declining and the company was losing money. Agra had been forced to cut costs and had to lay off some of its employees.

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Making the UnID an ID ... by R. J. Edmunds

Part Two

Formats have been around almost since radio began, even though nobody has known one. There was a time, long ago, when the definition and identification of radio formats was relatively simple and, over the years, formats have diversified, merged, split, overlapped, and so on, to the point where it's sometimes hard to keep up with them.

Most formats are relatively easy to deal with, such as all-news, all-sports, classical music, or all-talk. Nearly everybody knows what each of these means, and there would be little disagreement.

With others, though, there is confusion. My perception is that there is at least 10% and as much as 40 per cent overlap between any one of the other formats and another. To illustrate, on FM here in Philadelphia, we have one station with an oldies format and one with a classic rock format. Both play "oldies", but they only play about 20% of the same music — that which easily fits into both categories. Another plays what is loosely known as "rock". It overlaps about 30% with the classic rocker, less than 10% with the oldies station. Then there are three stations with various interpretations of the "soft hits" format. Here there is much more overlap with each other, but there is still about a 10 to 15% overlap with both the oldies and the classic rocker.

Thus we have two loosely "urban contemporary" stations, each of which has up to 25% overlap with each of the three "soft hits" stations, and about 10% with the oldies station. They also have a slight overlap with the one jazz station. In the nearby suburbs, there are at least four so-called quasi-reality outlets programming various interpretations of what each calls "Christian music". Each of these overlaps the "soft hits" stations by about 10%.

The upshot of this is that it is very hard to present a uniform definition of format, and especially hard when you're doing so in a print medium. The issue which confounds DXers the most is that their UnIDs are the fact that we typically don't hear enough of the station in question to have any real idea of what format it is running and, worse yet, when we report to DX News, we tend to truncate our reports to the point where it's even less than that, and at that point, it's virtually impossible for anyone to identify.

In the diagram following the text of this segment of the article, is a depiction of my approach to the formats confusions. It is in the nature of a wheel, with various spokes, connected in varying degrees to each other, with the center being perhaps the most all-inclusive format, the time-honored catch-all "Middle of the Road" format. Again, this is more for illustration than it is for anything else, because, as we already know, most people's interpretations of radio formats are different anyway.

Further, given that even a relatively small change in the music a station plays may result in a perceivable change of format to some listeners, and given that changes of all natures occur almost randomly and with a fairly large frequency, it stands to reason that no one has the labels presented here, either correct or accurate. Moreover, as the NAB and FM Atlas are frequently out of date the moment they're printed! What all of this really means is that in the business of identifying unid's, formats are many times inconclusive. Unfortunately, they're all we have to identify programming types.

It seems most prudent, however, to use format only in conjunction with other factors, rather than on its own, as a tool to identify your favorite unid.

Now that we've discussed the reference sources needed, and the variability of formats, how best to ID those unid stations. Before we get to that ultimate goal, however, we need to devote some discussion to what that goal actually means.

**NEXT SEGMENT:** When is an ID not an ID? or, How do You Know if What You Heard is Real?

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The Answer Man R. J. Edmunds

"No Question Is A Dumb Question"

Answers to members' questions, from the basic to the technical

Hello, again! It's time for another edition of the Answerman. With this one, we again have a "biggie" to discuss, so, as EMC likes to say, 'Goward, march!'

**QUESTION:** I have a Nordmende multiband portable which I purchased some years back which now needs some replacement parts. The company I bought from is apparently no longer doing business with dealers or service outlets in this country, which makes things difficult. Do you have any more information?

**ANSWER:** Funny you should ask, because I have exactly the same problem. I've exhausted most of my channels trying to find a lead on this, and even the ham sources haven't helped. Can anyone, either stateside or perhaps, preferably, across the Great Pond be of some assistance here, either by providing information or to serve as a go-between? Let me know!

**QUESTION:** Can you explain just how to use Sunrise/Sunset maps to greatest advantage, along with any other related ideas?

**ANSWER:** Yes. We are all aware that as the sun sinks slowly into the west (figuratively speaking, of course) we all know that the earth revolves around the sun, don't we?), medium wave propagation is enhanced. For this reason, daytime station allocations were created to allow for maximum numbers of "local" stations nationwide, but with minimal interference. The FCC assigned sign-on and sign-off times for various zones across the country on a month-by-month basis. These zones and times are graphically depicted on the Sunrise/Sunset maps. You will note also, that these zones are not consistent from month to month.

At sunset, therefore, starting from the East Coast, as the evening progresses, more and more daytimers must sign off every
WIMG forced off air

BY CHARLES STILLER

LAWRENCE — Local radio station WIMG was forced off the air yesterday after its transmission station in Emporia was closed down by the tea party. The WIMG transmitter and studios are located in the city of Emporia.

The station manager, Mr. Jones, said yesterday that the station was forced off the air due to a technical problem with the transmitter. The problem was not immediately resolved, and the station remains off the air at this time.

The station serves the Lawrence and surrounding areas with programming that includes news, talk, and music. The station has been on the air for over 20 years and is a popular source of information for the local community.

The station's website is currently offline, and the station's staff is working to resolve the issue as quickly as possible. The station's local news team is monitoring the situation and will provide updates as they become available.

The station's management is grateful for the support of its listeners during this time and remains committed to providing quality programming to the community.
Bandscans

Chris Cuomo
1870 Third Avenue
Verona, PA 15147-1349

Audible stations from a DXer's location at given times.

Roger Windsor
Muskegon, MI (Lakefront)
11:15 EST
1300 WSN Milwaukee, WI
1120 W COLLECTION, IL
1100 W ول Chicago, IL
1070 WYKE Cleveland, OH
690 WNWQ Milwaukee, WI
560 WNYE Chicago, IL
460 WLCI Detroit, MI
1130 WPYQ Milwaukee, WI
1110 WOLL Milwaukee, WI
1090 WZGW Milwaukee, WI
1070 WBBM Chicago, IL
1040 WTMJ Milwaukee, WI
1020 WIST Milwaukee, WI
1000 WWMN Milwaukee, WI
980 WLLR Milwaukee, WI
960 WISL Milwaukee, WI
940 WISI Milwaukee, WI
920 WISY Milwaukee, WI
900 WISW Milwaukee, WI
880 WISW Milwaukee, WI
860 WHA Milwaukee, WI
840 WISW Milwaukee, WI
820 WISW Milwaukee, WI
800 WISW Milwaukee, WI
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460 WISW Milwaukee, WI
440 WISW Milwaukee, WI
420 WISW Milwaukee, WI
400 WISW Milwaukee, WI
380 WISW Milwaukee, WI
360 WISW Milwaukee, WI
340 WISW Milwaukee, WI
320 WISW Milwaukee, WI
300 WISW Milwaukee, WI
280 WISW Milwaukee, WI
260 WISW Milwaukee, WI
240 WISW Milwaukee, WI
220 WISW Milwaukee, WI
200 WISW Milwaukee, WI
180 WISW Milwaukee, WI
160 WISW Milwaukee, WI
140 WISW Milwaukee, WI
120 WISW Milwaukee, WI

19 POP VIEW
Stephen Holden
On the Road, Radio Echoes
The Landscape

O

One of the pleasures of driving along a coastline road through America — a journey that has its own collections of vistas and roadside curiosities — is the constant quality of the radio sound. This is an area where you can listen to a wide range of music and talk shows, from old-time radio to modern programming. The result is a rich tapestry of sounds, from the timeless rhythms of the radio to the latest hits from the major networks.

The radio landscape is a real-time reflection of American culture, with music and news programs reflecting the latest trends and events. In this way, the radio landscape is a mirror of the nation, reflecting the diversity of its people and their tastes.

The radio landscape is also a window into the past, with old-time radio programs and nostalgic music filling the airwaves. These programs offer a glimpse into the past, allowing listeners to reconnect with the music and sounds of a bygone era.

The radio landscape is a constant reminder of the power of the medium, and the ability of the radio to bring people together. Whether it's a local station with a strong community presence, or a national network with a broad reach, the radio landscape is a testament to the enduring popularity of the medium.

As the radio landscape changes, so does its impact on American culture. The transition from analog to digital broadcasting has already begun, and it promises to bring new opportunities for creativity and innovation. But whatever the future holds, the radio landscape is sure to remain a vital part of American life.
New FCC looks at broadcasting's oldest medium

In effect to reverse declining fortunes of AM radio, commission is considering ways to improve sound quality and approaches to making AM radio more attractive.

Perhaps the single most controversial issue of the day at the FCC's on basic hearing on broadcasting is how to improve the sound quality of AM radio. A long-term goal of the commission is to improve the sound quality of AM radio, but with the advent of the compact disc, the situation has changed. The commission is considering ways to improve AM sound quality, but the focus is on improving the quality of AM radio rather than on improving the quality of AM radio.

The day-long hearing on Tuesday (Nov. 21) at 211 H.R. 2174, a bill that would require all AM and FM stations to broadcast quality sound, was attended by numerous commission representatives and public and industry representatives. The hearing was presided over by Secretary of Commerce John V. Shelly, who said the average age of AM radio is 20 years, while the average age of FM radio is 20 years.

According to a survey by Hoffman-Schriber in St. Louis, about 90 percent of AM radio listeners are over 25 years of age, while about 20 percent of FM radio listeners are over 25 years of age. The survey also found that about 90 percent of AM radio listeners are over 25 years of age, while about 30 percent of FM radio listeners are under 25 years of age.

The FCC is considering ways to improve AM sound quality, but the focus is on improving the quality of AM radio rather than on improving the quality of AM radio. The commission is considering ways to improve AM sound quality, but the focus is on improving the quality of AM radio rather than on improving the quality of AM radio.

In conclusion, the commission is considering ways to improve AM sound quality, but the focus is on improving the quality of AM radio rather than on improving the quality of AM radio. The commission is considering ways to improve AM sound quality, but the focus is on improving the quality of AM radio rather than on improving the quality of AM radio.
NOTICE OF SALE BY TENDER IN THE MATTER OF THE BANKRUPTCY OF:

RADIO DRUMMOND (1980) L.T.E.
2070 St. Georges St.
Grenville-Ouest, Quebec
J2G 5G5

The estate of Radio Drummond (1980) L.T.E., is hereby put up to sale by tender for the benefit of its creditors.

DESCRIPTION OF ASSETS

A RADIO STATION (CHRD)
Operating on AM frequency in the Drummondville, Quebec area, including the following assets:
- Land and building located in Drummondville, Quebec.
- Transmitters and antennas.
- Land and building located in Grenville-Ouest, Quebec.
- Technical equipment.
- Office equipment and furniture.
- Computer equipment.
- Rolling stock.

Tender will be held at the office of the trustee, Coopers & Lybrand Limited, 1770, Peel Street, Montreal, Quebec, H3B 2T4, until 11 A.M., Wednesday, October 25, 1983. Tenders must be sealed and submitted in a sealed envelope with the words "Tender - Radio Drummond (1980) L.T.E." written on the outside.

INQUESTIONS OF ASSETS

Assets may be inspected between October 10 and 20, 1983 by appointment only, by contacting Mr. G. Andre Cossette or Yves Royer of the office of the trustee, at (514) 879-1533. Copies of the inventory listing will be available at the inspection of the assets, at the expense of the tenderer.

CONDITIONS OF SALE

Tenders will be opened at the office of the trustee in presence of the Coopers & Lybrand Limited, and a representative from the official receiver office.

OPENING OF TENDERS

Tender will be opened at 11 A.M., Wednesday, October 25, 1983 at the office of the trustee in presence of the Coopers & Lybrand Limited and a representative from the official receiver office.

-By Andy Rugg
Coopers & Lybrand Limited