



DX NEWS

*the magazine of the
National Radio Club*

— SINCE 1933 —

Volume 54 Issue 8 Monday, November 24, 1986

Musings What you see is what we got! Paul tried a different ribbon and it didn't quite turn out so good.

LOGBOOK. Latest status report as of today. Logbook is in its final stages of being printed and collated, won't be long now. Watch this space for further news.

Cuba Station List As best as we can compile, you'll find the Cuba list starting on page 17. Now we do know that no one has a clear idea of what is actually being transmitted from Cuba, but between Tim Hindel, the FCC, and about twenty other persons we've come up with a pretty good picture of what's going on. If you have any changes, let us know here at HQ and we'll correct our list. By the way, our material was gathered without the help of WRITVH, so don't bother writing us and telling us we used the book, we stayed away from any copyrighted material, that's why it took us so long to get this to you.

Contacting HQ via the Computer. This can be done three ways. 1- Comuserve, 72457,2345 Mike Knitter. 2- Fidonet 121/1 Mike Knitter 3- Call HQ via the phone number on the back and arrange a time or sometimes we can do it during that call.

Station Logos We could use a few more logos, from envelopes, letterhead, newspapers, etc. Send them to HQ. Thanks.

"The TIS and Hwy. Advisory Radio Guide" book. Lists more than 200 TIS and HAR stns. 168 pages thick. Available for US\$9.95 by surface or US\$11.95 airmail from Wilhelm Herbst Publishing, Box 45 05 06, D-5000 Köln 41, West Germany or Gilfer Associates.

Volume 54 Schedule:

Issue	Masthead Date	Pub Session Date	Issue	Masthead Date	Pub Session Date
9	December 1	November 23	20	February 23	February 15
10	December 8	November 30	21	March 2	February 22
11	December 15	December 7	22	March 9	March 1
12	December 29	December 14	23	March 16	March 8
13	January 5	December 28	24	March 30	March 15
14	January 12	January 4	25	April 13	April 5
15	January 20	January 11	26	May 4	April 26
16	January 26	January 18	27	June 8	June 1
17	February 2	January 25	28	July 13	July 5
18	February 9	February 2	29	August 17	August 9
19	February 17	February 8	30	September 21	September 13

CFC TEST (Times listed are Eastern Local Time)

Even if you don't hear the Test, why not send a postcard thanking the station anyway. Also, if you don't want to write to stations you can still help us out. If you send some 22 cent stamps to Wayne Heinen, 4131 S. Andes Way, Aurora, CO 80013, he'll get a letter out for every stamp you send, you can even specify the station or frequency you would like to hear something on. And when a test is arranged your name will appear below! What a deal!

Nov.24 KULP-390 El Campo, TX 0200-0400 Test will consist of various items.
Monday A polite reception report, along with a 22 cent stamp to: Joe Miller, CE
Radio Station KULP, Box 1390, El Campo, TX 77437.
Arranged for the NRC by Carl W. Dabelstein.

More Tests on the Way!!

LOOK INSIDE:

- | | | |
|----------------------|------------------|-------------------------|
| 2.....AM Switch | 4.....Formats | 5.....Veri. Signers |
| 6.....DDXD-East | 13.....DDXD-West | 14.....IDX |
| 17.....Cuba Stations | 19.....Musings | 24.....Your Mail Label! |

THE WORLD'S OLDEST AND LARGEST ALL MEDIUM-WAVE DX CLUB

AM SWITCH

② Jerry Starr, c/o WHOT Radio, 401 N. Blaine Ave., Youngstown, OH 44505

CALL LETTER CHANGES

OLD CALL:	NEW CALL:
840 *NEW MD DENTON	WKDI
1180 KTUN TX HUMBLE	KGOL
1280 KLUE TX LONGVIEW	KAAM
1290 WJGS MI HOUGHTON LAKE	WMKM
1400 WRDO ME AUGUSTA	WMME
1600 WHVL NC HENDERSONVILLE	WTZQ

APPLICATIONS FOR NEW STATIONS

1060 TX HAWLEY: 250 D1
 1200 IL RUSHVILLE: 4500 D1
 1290 VA HOLLYMEAD: 1000 D3 (REAPPLICATION)
 1430 CO GRAND JUNCTION: 5000 D1
 1450 FL REDWATER LAKE: 250/250 U1
 1550 CA APPLE VALLEY: 800 D1 (REAPPLICATION)
 1580 PR MANATI: 100/56 U1 (SYNCHRONOUS WITH WGFV-1580 MOROVIS, PR)

GRANTS FOR NEW STATIONS

710 MT ENNIS: 10000 D1
 840 GA THOMASVILLE: 10000 D1
 890 CO STRATMOOR: 10000/1000 U4
 950 AK JUNEAU: 5000/500 U1
 1210 SK KINDERSLEY: 1000/250 U1, WILL RELAY CJYM-1330 KHZ
 1230 NE CHARDON: 1000/1000 U1

APPLICATIONS FROM EXISTING FACILITIES

710 KUET AZ BLACK CANYON CITY: 50000/4500 U4 (REAPPLICATION)
 730 KSUD AR WEST MEMPHIS: ADD 500 WATTS NIGHT U2*
 800 WSHO LA NEW ORLEANS: ADD 290 WATTS NIGHT U4*
 900 KBIF CA FRESNO: ADD 500 WATTS NIGHT U2*
 1030 WMIN MN MAPLEWOOD: RAISE NIGHT POWER TO 1000 WATTS U4
 1210 KPRZ CA SAN MARCOS: NIGHT POWER TO 5000 WATTS
 1250 KOKY AR LITTLE ROCK: POWERS TO 1200/2000 U4
 1560 KLLV CO BREEN: TO 550 KHZ WITH 1800 WATTS D1 (NO PLANS TO USE 1490 KHZ)

* INDICATED ABOVE REFLECT THE CONTINUING TREND OF STATIONS WHICH HAD BEEN GRANTED A LOW NIGHT POWER UNDER THE MEXICAN AGREEMENT APPLYING FOR HIGHER POWER WITH SEPARATE ANTENNA PATTERNS AT NIGHT. THE AGREEMENT GRANTED THE NIGHT POWERS USING THE EXISTING DAYTIME ANTENNA MODE.

GRANTS TO EXISTING FACILITIES

760 CFLD BC BURNS LAKE: NIGHT POWER TO 500 WATTS
 920 CFRY MB PORTAGE LA PRAIRIE: POWERS TO 25000/10000 U2
 930 WYUS DE MILFORD: CHANGES IN ANTENNA SYSTEM
 970 WJMX SC FLORENCE: NIGHT POWER TO 3000 WATTS, CHANGES IN ANTENNA
 990 WEIS AL CENTRE: POWER TO 1000 WATTS
 WNTY CT SOUTHLINGTON: RELOCATE XR
 1140 WBZY PA NEW CASTLE: TO 1200 KHZ WITH 10000/1000 U2 (CONFIRMS INITIAL DECISION FOLLOWING FCC HEARING)
 1340 CFYK NT YELLOWKNIFE: POWER TO 4000/4000 U1
 1350 WJBD IL SALEM: REDUCE POWER TO 430 WATTS, CHANGES IN ANTENNA
 CJDC BC DAWSON CREEK: TO 890 KHZ WITH 10000/10000 U2
 1440 WCHB MI INKSTER: TO 1200 KHZ WITH 25000/1000 U4 (CONFIRMS INITIAL DECISION FOLLOWING FCC HEARING)
 1510 WYNJ AL MONROEVILLE: TO 930 KHZ WITH 5000 D1
 1520 KJSM WA SEQUIM: CC.MP: TO DAYTIME ONLY WITH 20000 WATTS D3
 1590 WPSL FL PORT ST. LUCIE: POWER TO 5000 WATTS

OTHERNESS

640 CFOB ON FORT FRANCIS: IS HERE NOW EX-800 KHZ
 660 KSKY TX BALCH SPRINGS: FULLTIME CP IS ON THE AIR
 700 KTBT TX TOMBALL: REQUESTS EXTENSION OF CP FOR NEW STATION
 720 WRBR MS RICHLAND: REQUESTS REINSTATEMENT OF EXPIRED CP FOR NEW STN
 740 WLVG MA CAMBRIDGE: APPLICATION TO REVOKE LICENSE OF WILD AND GIVE 1090 KHZ TO THEM HAS BEEN DENIED
 750 WZOM IL BROOKPORT: REQUESTS EXTENSION OF CP FOR NEW STATION
 750 KOAL UT PRICE: IS HERE NOW, EX-1230 KHZ
 770 WJMM KY NICHOLASVILLE: NEW STATION IS ON THE AIR, LISTED AS WKYJ (THEIR OLD CALL) LAST ISSUE BY MISTAKE

800 WKBC NC NORTH WILKESBORO: IS HERE NOW, EX-810 KHZ, LISTED AS A NEW STATION IN ERROR LAST ISSUE
 830 WMMI MI SHEPHERD: GRANTED EXTENSION OF CP FOR NEW STATION TO 10-31-86 SINCE THIS DATE HAS ALREADY PAST, THIS MIGHT BE ON THE AIR
 880 WBOZ PR SABANA GRANDE: ASKS EXTENSION OF CP FOR NEW STATION
 1040 WSGH NC LEWISVILLE: NEW STATION IS ON THE AIR, CALL LISTED AS WSGW LAST ISSUE IN ERROR
 1150 WQMR ME SKOWHEGAN: REQUESTS EXTENSION OF CP FOR 1160 KHZ
 1220 WXRA NY NORTH SYRACUSE: REQUESTS EXTENSION OF CP FOR 1200 KHZ
 1400 KSUN AZ PHOENIX: STATION IS SILENT AGAIN
 1460 WRLB NJ FLORENCE: GRANTED EXTENSION OF CP FOR NEW STATION TO 3-1-87
 1500 KRCK CA BURBANK: REQUESTS REINSTATEMENT OF CP FOR NEW STATION WHICH WAS REVOKED BY FCC LAST WEEK FOR FAILURE TO GO FORWARD

PLEASE FORGIVE US FOR THE ERRORS IN LAST WEEK'S COLUMN, CORRECTED THIS WEEK. THEY ARE THE RESULT OF TRYING TO READ SCRIBBLED NOTES FROM OUR RECENT VACATION, A BAD CASE OF TRYING TO WRITE WITH ONE HAND AND DRIVE WITH THE OTHER.

73 AND GOOD DX.

Jim & BKF
 JERRY STARR & BUFFALO K. FOONMAN

NEW ADDRESS

770 WJMM KY NICHOLASVILLE: ORCHARD SHOPPING CENTER 40356

FCC Eyes Electrical Interference

by Alex Zavistovich RADIO WORLD

Washington DC... Although the number of complaints to the FCC has remained constant over the past few years, the Commission is taking part in a committee studying the problem of electrical interference to radio broadcast.

Standards Committee C63 (the Ad Hoc Committee on Radio Interference Limits for Appliances), was assembled in the spring of 1986 to investigate the susceptibility of broadcast signals to interference from home appliances, said Liliane Volcy, electrical engineer for the FCC.

The committee is a joint group comprised of the FCC, the Institute of Electrical and Electronic Engineers (IEEE), the NAB, the Electrical Industries Association and various industry representatives, Volcy said. The committee is meeting to determine, among other things, whether to impose radiation limits on home appliances.

For the past four or five years, complaints of electrical interference have remained constant, representing approximately 8% of the branch's total, or roughly 5,000 complaints each year, according to Sue Earlewine, chief of the FCC's Public Contact Branch, which handles the problems.

She added that few of the problems are reported by broadcasters. The majority of the complaints come from individuals, with 90% traceable to devices in the home, such as light switches, furnaces or VCRs, Earlewine said.

Earlewine pointed out that some possible solutions to interference problems in the home are available through the Commission.

The FCC's "Interference Handbook," a compilation of the most common problems and their possible solutions, is divided into three categories of interference: transmitter (CB and amateur), electrical and FM transmitter, Earlewine said.

The booklet also includes a section on equipment manufacturers and the serv-

ices they provide to their consumers, she added. Copies of the guide are available at any FCC office at no charge. Earlewine said.

In some cases, however, the problem does not come from inside the home, but from stray signals generated by power lines or other sources.

Electrical interference problems of that type ought to involve the field office of the FCC, with whom the power company maintains a "good working relationship," according to Jim McKinney, chief of the Commission's Mass Media Bureau.

Speaking at a "Town Meeting" open forum during the recent Radio '86 convention, McKinney indicated that power companies have persons on staff whose main responsibility is the settlement of RF interference problems.

If the interference problem is determined to come from a power line or other outside source, the FCC field office contacts the power company, according to Jeffrey Young, an engineer in the FCC's Field Operations Bureau.

Young said the company sends "interference trackers" to the complaint area to check for leaks or corona arcs, or other possible causes of the interference.

The power companies generally are willing to make this effort, he said, because the leaks represent power loss for which no one is being charged.

Virginia Power regularly sends technicians into the field in response to interference complaints, according to Tesfaye Konde, an operating supervisor for the company. Konde said the technicians examine underground utility locations in the complaint area for loose wiring, faulty insulators and other possible interference sources.

Konde added that his company usually tries to respond to the complaint before the FCC becomes involved.

Further action

If the problem persists, Young said, the FCC recontacts the company. Under part 15.25 of the FCC Rules and Regulations,

Equipment order
 The U.S. Information Agency has awarded a \$5 million contract to Harris Corp. for medium-wave radio broadcasting systems to expand Voice of America coverage in the Caribbean and Central America.

"interference due to incidental radiation is the responsibility of the originator to correct," he said.

The FCC may make an "on-scene investigation" of the area to measure the interfering signal, Young continued, but FCC involvement very rarely has to go beyond emphasizing the company's duty to take action on the complaint.

Corrective measures are often a "judgment call," Young stated. When only minor modifications are necessary to solve the problem, these are done right away, he maintained.

But, Young continued, some complaints (such as those from amateur operators whose equipment may be more sensitive to interference) may be quite costly to correct.

In those cases, Young said, the FCC makes a determination of the gravity of the problem and what action, if any, to take.



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 Jackson Mall
 Williamsburg, KY 40769



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 1700 Montgomery Street, Suite 400
 San Francisco, California 94111

FORMATS

Tony Fitzherbert, 356 Jackman Avenue, Fairfield, CT 06430

A lot to report in this column, as some stations go silent, some go on the air for the first time, some program directors find their charges at the bottom of the ratings heap, and others seek revenue in the ethnic market. This column is brought to you by Peter Nolan and Jody Hughes. Next week will see the results of ramblings around the country by Wendall Ford and Eric Bueneman. Here we go with the hopes and dreams of radio executives everywhere.....

- 540 WDAK GA Columbus - Ex-Weiz, EZL, now rock oldies(N).
- 580 KFXD ID Nampa - Drops rock oldies for adult standards.(N).
- 600 KLZZ CA San Diego - Now rock oldies, simulcasting w/ 106.5(N).
- WOKV FL Jacksonville - Drops NX/TLK for rock oldies(N).
- 670 WFPE FL Miami - New station, rel(N).
- 690 WVOK AL Birmingham - Now rock oldies(N).
- 710 WZOO NC Ashboro - Drops ad. con for REL(N).
- 720 KSAH TX Universal City - New station, Spanish(N).
- 730 KIZN ID Boise - Ex-KTOX, NX/TLK, now CWM(N).
- 820 KQIZ WA Burien - Drops Black Ad. Con for REL(N)
- 850 WQST MS Forest - Ex-WJYV, Black, now CWM(N).
- WKIX NC Raleigh - Drops CWM for rock oldies(N).
- 910 WBLG MT Billings - Ex-Koyn, silent, now NX/TLK(N).
- WRNL VA Richmond - Now rock oldies(N).
- 930 WSLI MS Jackson - Drops NX/TLK for AD. Con, simulcast w/ WYYN 96.3(N).
- 940 WCIT OH Lima - Automated rock oldies(N).
- 960 WFPC NC Kinston - Drops Ad. Con. for CWM(N).
- 970 KBLT MT Billings - SMN-CWM(N).
- 980 WLUS FL Gainesville - MYL, CNN NX (H).
- 1040 CIOF BC Vancouver - New station, Ad. Con., "1040 AM"(N).
- 1050 WPAG MI Ann Arbor - Drops Ad. Con. for CWM(N).
- 1080 WCII KY Louisville - Drops CWM for Ad. Con.(N).
- WNER NC St. Pauls - Silent(N).
- 1090 KLSC CO Aurora - Now Transtar rock oldies(N) Another tightly directional station gropes for a format!!(F).
- 1130 KLYY AZ Prescott - New station, SMN Adult Standards(N).
- 1170 WZBR MS Amory - Was 1520, Black, now CHR simulcast w/ FM 100.1(N).
- KUGT MO Jackson - Ex-KJAS, CHR, now rock oldies(N).
- 1180 KDAN AZ Williams - Silent due to technical failure!!(N).
- WJNT MS Pearl - Ex-WKKE, REL, now NX/TLK to Jackson(H).
- 1220 KLCO MO Branson - Silent(H).
- WGRA NY N. Syracuse - Ex-WURS, ELZ, now SMN Adult Standards(N).
- 1290 WNRS MI Saline - Drops Transtar CWM for Rock oldies(N).
- 1300 WLXG KY Lexington - Ex-WTKL, CWM, now rock oldies(N).
- 1310 WGMT MI Dearborn - Ex-WNIC, now Black (Motown) oldies(N).
- WGTB MS Hattiesburg - Ex-WKDU, still REL(N).
- 1320 KGNR CA Sacramento - Drops adult standards for automated rock oldies(N).
- 1340 WAIR NC Winston-Salem - Rock oldies(N).
- KKBK NM Aztec - Rock oldies(N).
- 1390 KPCC CO Westminster - Back on the air w/ Spanish(N).
- 1400 WQRZ GA Alpharetta - Ex-WWNF, NX/TLK, now ad. con.(N).
- WJET PA Erie - Silent(N).
- 1430 WIRE IN Indianapolis - Drops rock oldies for CWM(N).
- WNKZ TN Memphis - Ex-WLRQ, Ad. Con., now CWM(N).
- 1450 KDRW CO Silverton - Now CWM(N).
- KRXX OR Eugene - Silent(N).
- 1470 WWHY WV Huntington - Silent(N).
- 1500 KDJC AR Jacksonville - Silent(N).
- 1510 KJAA AZ Mesa - Ex-KNTS, Talk, now CWM"K-J"(N).
- 1520 WWKB NY Buffalo - Now Rock oldies(N).
- 1560 KTXZ TX West Lake Hills - Spanish(N).
- 1580 WOKR AL Oxford - Ex-WEYY, CWM, now EZL(N).
- WSRF FL Ft. Lauderdale - REL/ETH(H).
- 1590 WZIP FL South Daytona - Now CWM(N).
- 1600 WQBR FL Atlantic Beach - Silent(N).
- WSNX MI Muskegon - Back on the air w/ CHR(N).

That is it for now.....good DX'ing to all. And get your format changes into the column....we all want to know about these changes, now that the DX season is in full swing.....

73's.

VERIFICATION SIGNERS

Wayne Heinen, 4131 S. Andes Way, Aurora, CO 80013

Catch "AM Interlude" on HCJB Saturday nights.

530	CJFT1	William McDougall CE	HR/MS	1110	KFABq	Jerry McKenna CE	PT
560	WGANq	John Hussey CE	LE	1110	KRLA1u	Rirk Sietsema StuE	LE
580	WDBDr	Tom Bobannon CE	LE	1130	WJBFr	Thomas N. Thornburg P	LE
580	WHP1	Maurice Garnaway DoE	LE	1150	KPZNI	Bill Harris TD	LE
570	KLBJpu	Bryan King CE	JW	1160	WJFENr	U/U CE	JF
600	WICCo	Lou Ludovici CE	LE	1160	WKCM1mb	Danna Jo Potts OfM	BP
630	KHOM	Art Harlow E	LE	1170	KUGT1	Desmond Rollings Co-O	LE
630	KID01b	Dan McColliv PD	JW	1180	WFKB1m	John T. Stoll	JF
640	WMSD1	Gladys Leininger Trfd	LE	1190	KDA01	Mark K.Osmundson GM	LE
650	WSMqu	Tom Bryant PrM	JW	1190	KRDS1bu	Hantzen K. Moser	JW
660	KCROfbu	U/U	JW	1200	CFG01mq	J.F. McCrae CE	MS
670	KUNK1	Manuel A.Cabranes GM	LE	1200	WKOXqm	U/U CE	JF
690	KRMX1	Andres O.Neidig P	LE	1210	KLD1fb	Chris Heck CE	JW
690	WADS1	Marshall Terry Smith CE	LE	1210	WCAUf	U/U	PT
710	CJRN1	William McDougall CE	AR	1220	WAYE1	Steve Green GM	LE
710	KEEL1	Rick Benson TD	LE	1220	WNNR1	Pete Siant P/GM	LE
710	KNUS1	Lynn Osburn CE	LE	1220	WSME1	Joyce A. Core OfM	LE
710	WEKCI1m	Tom Amis GM	JF/BP	1230	WGG61	Kristine Stewart	LE
710	WFNR1m	Robert Denham OpM	JF	1240	KFB01	John Shideler GM	LE
710	WSVT1	Jack Bursack O/GM	LE	1240	WFOY1	Mary Mars BusM	LE
720	KUAIq	R.D.Rogelstad CoO	LE	1240	WSBC1	Mark E. Nielsen CE	LE
720	WXY1m	Jacki Lynne Rav Bush1	JF	1260	KTEE1bz	Sherrie Lord A	JW
730	KWDA1	Stephen Larson CE	LE	1260	KWE11	Ed C.Miller GM/CE	JW
740	WKIS1	Al Tomaszewski ACE	LE	1270	KCKR1mu	John Katz PD	JW
740	WSVD1bm	Nancy Jones Secy	BP	1270	KTFI1bz	Bob Blair PD	JW
750	CKGBf	F.J.Palmer E	JF	1270	WTSN1	Paul LeBlanc OpM	LE
750	WHEBc	Don MacLennan CE	LE	1290	WC001	Steve St.Germain CE	LE
750	WPD01mb	Don Niles A	JF	1310	CIWWf	Stan Harrison CE	JF
756	1YA01b	N.A. Patterson Prd	WH	1310	WTUX1	Stuart G. Smith CE	BP
770	WJMM1b	Bruce Markley PD	BP	1320	KNAG1	Dennis W. Voy O	LE
780	WJAC1	Tony Workman E	LE	1330	KFHq	L.W. Campbell CE	PT
790	WLBEc	Bob Andrews	LE	1340	KDEN1	Susan Wood TrM	LE
790	WNWS1	John E.Morris CE	LE	1340	KSGT1bz	Wm. L. McManus CE	JW
800	WKEE1	Paul Bock CE	LE	1350	KABQ1z	Jim Hogg CE	JW
800	WLAD1	Tom Osenkowsky CE	LE	1350	KIDN1	Bob Campbell OpM	LE
800	WRFA1	U/U O/M	LE	1360	WEBBr	Jeff Bennett PD	BP
810	WED01	John James	LE	1370	KFR01	J.R. Curtis	PT
840	CHUR1m	Ron Elias PD	JF	1390	KJAM1	John Goeman GM	LE
860	WGGMo	Steve Miller CE	BP	1390	KK0Apu	Rich Anthony	JW
900	KNU11	Marsha Lund PuSeD	LE	1400	KTRC1	Cec Waverman OfM	LE
900	WILK1	Amedee Robles GM	LE	1420	KULY1b	Tamara J.Bialock PD	JW
900	WMOPI	William Bover CE	LE	1420	WBRD1	Robert W. Nelson VP/GM	LE
910	KPOF1	Robert B.Dailenbach VP/GM	LE	1420	WIMS1	T.Charles Smith ACE	LE
910	WPLA1	David Sharp	LE	1440	KODL1bz	Rodger Nichols	JW
920	KARN1	Ken Blevins CE	PT	1440	WMDJb	No Verie!	BP
920	WKRT1	Sonny King PD	MS	1450	KAYC1	Roger Lonnquist CE	LE
930	CKNSfmb	Mike St Almond CE	JF	1450	KEEPr	Susan Carl	JW
930	KDETI	Jack Bell GM	PT	1460	KKCS1bu	John Hudson PD	JW
930	KRTHq	Robert M.Kanner CE	WH	1460	WBKCI	Ken Kraus OpM	JF
930	KTLD	Beth Forester OfM	JW	1460	WJXN1	Mark W.Baker CE	LE
940	KIOAp	John Kusbucki CE	PT	1460	WJ0X1	Alex Kroil Jr. VP	LE
940	KIXZf	Chris Taylor PD	PT	1470	WTZERm	U/U	BP
950	KMERcb	Dan Cole PD	JW	1480	KLMS1	Carl A.Lewis CE	LE
970	KBBK1b	Doug Manning	JW	1480	WJOS1bz	John Carroll Jr GM	MS
970	KFEL1	Iva Rafferty OfM	LE	1490	KCID1z	Karl Uppiano E	JW
980	WSUB1	Rich Williams CE	LE	1490	WBCB1	Bob Burton GM	LE
990	KGTMIu	Bob Crockett DoE	JW	1490	WPXE1	Ben Dickenson O/CE	LE
1000	XEMILoLu	Ing.Matias Navarro Yamuni	JW	1510	WJIC1	Ben Ferguson VP	LE
1010	KLRAp	Barbara Ward PD	PT	1510	WXXV1	Del King GM	LE
1020	WJEP1m	Bucky Carlton GM	JF	1520	WKNT1	Robert D. Sassaman CE	MS
1030	WBZE1	Jeff Bennet	JF	1530	KQNK1mb	Tom Scheimo PuAfD	JF
1040	KKREcbz	Dell Hubbard	WH	1530	WCKYqu	U/U CE	JW
1040	KLHT1	Jim Walz OpM	LE	1540	WJTT1b	John B.Blankenship Mx/D/Slc	VP
1040	WHBD1	Steve Fluker AE	LE	1540	WMYF1	Tom Talbott GM	AR
1050	KTBA1	Daniel R.Longmore M	LE	1550	WGAB1	John Ramsey CE	LE
1050	WFAM1u	Bill Dodcen OpM	BP	1570	WJLO1	Vern Kasper GM	LE
1050	WTSJ1	Chris Roberts OpM	LE	1580	KAM1r	Charles A. Larson P/GM	LE
1090	WBALq	U/U CE	PT	1580	WPMO1	Michael P.Redd CE	HP
1090	WENR1m	Sid Kean OpM	BP	1590	WRXB1	Valerie D. Flowers	LE
1090	WILD1	Brenda Morgan	LE				
1090	WKFI1	Lisa L Stotts AdmA	LE				

DOMESTIC DX DIGEST - EAST

William R. Hale, 9823 N. Meadow, Converse, TX 78109

SPECIAL

- 670 WMAQ IL CHICAGO - 11/2 0547 noted **OFF** completely; nothing else on freq (WPF-IN)
- 720 KSAH TX UNIVERSAL CITY - 11/7 0800 **signed** on w/U4 10000/780 w/*Radio Festival*, aimed at SA Hispanic audience. 24-hr NSP (AB-TX) There goes old friend WGN, a nightly visitor here (WRH)
- 770 WJMM KY NICHOLASVILLE - 10/31 1713 fair in WABC null; ending UPI Nx into GOS mx; ID as *Country Gospel 77*. **New stn**; never got call but my info sez WJMM (JF-ON)
- 910 WRNL VA RICHMOND - 10/24 0518-0522 poor w/*Goldies* mx and mention of *WRNL*, *Richmond's new oldie station*. x:CWM (WPF-IN)
- 1120 WHTT NY BUFFALO - 10/17 1804 fair w/KMOX w/ROK OLD. ex:WNY5 (JF-ON)
- WTWZ MS CLINTON - 11/4 1821 overboard w/Christian Cont mx to 1828 s/off; poor/fair in KMOX null (SF-TN)
- 1120 WCGM TN MARYVILLE - to help DXers beg this rarity, I'm hitting a legal ID after the SSB Wed thru Sun @ 1730 in Nov & Dec; 1745 in Jan, the only months we're on as late as LSS(SF-TN)
- 1440 KXAM TX HELOTES - 11/7 heard testing w/OC (AB-TX)
- 1600 WSNX MI MUSKOGON - 10/11 1914 poor in mess w/*Sunny 105* IDs, POP mx Ex:WTRU (JF-ON)

DX TESTS

- 930 KLCY MT EAST MISSOULA - 10/27 Not heard; only WGNT + Cuban Time Station! (WPF-IN)
- KLCY MT EAST MISSOULA - 10/27 Forget it! (JM-PA)
- KLCY MT MISSOULA - 10/27 not heard, just WGNT/Cuba/WBYG (SF-TN)
- KLCY MT MISSOULA - 10/27 0352.5 v/poor w/EBS test tape, per my request; varied exact time by phone call (RK-IL)
- 960 KSRA ID SALMON - 10/27 Not heard; only WFIR w/LK & ATT from WSBT-IN had channel blocked (WPF-IN)
- KSRA ID SALMON - 10/27 not heard, just WERC + others (SF-TN)
- KSRA ID SALMON - 10/27 0306.5 poor w/brief TTs + voice ID (RK-IL)
- 1260 WDKN TN DICKSON - 11/3 0200-0230 various tones heard w/WNDE in that time period; no ID hrd, so tent (RIGAS-IL)
- WDKN TN DICKSON - 11/3 0206k-0227 slow, simple IDs, tones; fair+good strength & very good audio; KGBX no problem (JFH-OK)
- WDKN TN DICKSON - 11/3 0207 w/ID & TT o/WNDE (KDF-IL)
- WDKN TN DICKSON - 11/3 0208-0217 not sure; heard many tones, but no ID; lots of CIHI, weak WBBG (LMC-NY)
- WDKN TN DICKSON - 11/3 0207-0216 barely readable here w/WWDC/WCHV (GV-PA)
- WDKN TN DICKSON - 11/3 0201-0227 tentative w/TT/OC, no IDs but barely made out *This concludes our ET @ 0227*; much WNDE (SF-TN)
- WDKN TN DICKSON - 11/3 0212 fair w/various TTs; GC + ID (RK-IL)
- KFGQ IA BOONE - 11/3 0200-0205 full s/on in test of GOS station KFGQ; hrd TT, then nulled them for WDKN test (JFH-OK)
- KFGQ IA BOONE - 11/3 0201-0205 f/c heard (KDF-IL)

MIDDAY TO MIDNIGHT Let's leave it this way; if it ain't broke, don't fix it

- 530 CJFT ON FORT ERIE - 10/4 1944 fair w/ROK & 5-30 C-J-F-T IDs (RIGAS-IL)
- CJFT ON FORT ERIE - 10/22 2000 fair thru beacon w/ROK & ID (KDF-IL)
- 540 WDMV MD POKOMOKE CITY - 10/30 1750 good thru CJSB w/ad for Salisbury; ID (LMC-NY)
- WYNN SC FLORENCE - 11/5 2040 fair w/URB CONT mx; ID & ment of 24 hours (SF-TN)
- 550 WKRC OH CINCINNATI - 10/30 1753 poor w/dj chatter; wx (LMC-NY)
- CFNB NB FREDERICKTON - 11/3 1730 atop w/CWM; public service pgm (LMC-NY)
- 590 CKRS PQ JONQUIERE - 10/19 1955 FF mx, way o/WEEI (TF-CT)
- 600 CFCH ON NORTH BAY - 10/29 2008 way o/WCAO w/Top 40 mx & *Top 8 at 8 Show* (GC-NY)
- 620 UNID ?? - 11/3 1745 good briefly in WHEN null w/political ad; contest w/phone #655-0303; anyone know this number (LMC-NY)
- 730 WLIL TN LENOIR CITY - 10/16 2000 strong w/OLD,ad, ID & CNN NxC(JM-PA)
- WJTO ME BATH - 11/2 on after sunset Sundays 'til Patriots FB & post-game is over; 'til about 1715 (SM-MA)
- WDKT AL MADISON - 1/5 1857 fair w/spot + full ID (RK-IL)

- 770 WYRV VA CEDAR BLUFF - 10/21 1840-45 strong in WABC null, fading w/ROK mx, latest hdlines, stock rpt, sps (That's sports, folks), wx, s/off ment 5 KW, studio loc, & Box 163, ZIP 24609; first time (JM-PA)
- WYRV VA CEDAR BLUFF - 10/2 1840 fair w/ID,POP mx, ad for furniture store in Raven (JF-ON)
- WAIS OH NELSONVILLE - 10/25 1840-1849 fair u/WABC w/AdCon mx 'til s/off (GC-NY)
- KATL MT MILES CITY - 10/26 2105 fading in & out in WABC null & WBBM slop. POP mx & "77 KATL IDs. Thanks to Karl Forth & Robert Kramer for tip on this (RIGAS-IL)
- KATL MT MILES CITY - 10/26 2041 fair but fadey w/lcl ads, ID, wx, POP mx (KDF-IL)
- KATL MT KILOMETER CITY - 10/26 2041 good w/mx, ID, spots; o/u WABC (RK-IL)
- 790 WETB TN JOHNSON CITY - 10/26 1754-1757 poor but steady w/OLD mx o/u WSGW & mess (WPF-IN)
- 820 CHAM ON HAMILTON - 11/1 1720 way o/WDHU w/CWM; IDs as 820-CHAM; been looking for this one for a year (TF-CT)
- WRFA FL LARGO - 11/3 1720-1745 good, atop w/sports talk hosted by Harvey Sheldon; no-data s/off says soon w/50000 watts and *nighttime, too*; anyone know current pwr? (SF-IN)
- 850 CKVL PQ VERDUN - 10/26 1623 booming in w/no WJAC/WRMR w/MOR mx & FF talk (GC-NY)
- 860 KWPC IA MUSCATINE - 10/29 2106-14 fair surprisingly in between CJBC soft violin mx w/lcl nx, HS FB final from Davenport; Muscatine wx & CWM (yes!) (JM-PA)
- 870 WMTL KY LEITCHFIELD - 10/26 1807-1811 fair w/ads & CWM. Is a day regular in Owensboro, KY, but 1st time here on new freq. O/WWL; WKAR off already (WPF-IN)
- WMTL KY LEITCHFIELD - 10/22 1915 fair w/s/off (KDF-IL)
- WQRX AL VALLEY HEAD - 10/19 1914 poor w/WWL w/s/off (KDF-IL)
- WPRQ TN COLONIAL HEIGHTS - 10/11 1901 weak w/bits & pieces of s/off; ment of Kingston (JF-ON)
- 880 WRFD OH WORTHINGTON - 10/31 1753 atop WCBS w/CNN Business Brief; ID (GC-NY)
- 900 WKDW VA STAUNTON - 10/20 2006 fair in CHNL null w/wx, ID,CWM(JM-PA)
- WFRO OH FREMONT - 10/28 1845 fair+good o/CHNL w/ID & POP mx(KDF-IL)
- 930 WHON IN CENTERVILLE - 10/20 1941 fair o/din w/remote, ID,CWM(JM-PA)
- CFBC NF ST JOHNS - 10/26 2044 fair w/very strong lcl pest WBEN nulled; w/ROK mx & ID (GC-NY)
- 950 WROL MA BOSTON - 11/1 1615-1630 *John Latchford's Irish Mx*; s/off @ 1630 (TF-CT)
- 970 WATH OH ATHENS - 11/1 1749 fair/good w/political ad for Athens County Commissioner; CWM; wx (LMC-NY)
- 980 WTRY NY TROY - 10/26 2110 atop mess w/ID (GC-NY)
- WONE OH DAYTON - no date/time o/WILK w/ads; CWM (GC-NY)
- 990 CBW MB WINNEPEG - 10/26 1957+ v/strong w/CBC SOL & GOS pgm; WNYR strangely absent (GC-NY)
- KWAM TN MEMPHIS - 10/30 1800-1815 fair o/WNYR; *Community Awareness Broadcast* folo by REL pgm from the *Word of Faith Christian Center* (GV-driving near Allentown, PA)
- 1000 WSUM OH PARMA - 10/26 1739-1740 o/WCFL & FF talk (CFLP?) w/wx; ment of ownership change; FB scores;ment of format as REL(GC-NY)
- WCMX MA LEOMINSTER -10/18 1855-1900 CWM; s/off by stn's owner(TF-CT)
- CKBW NS BRIDGEWATER - 10/31 1830-good; ID dualed w/FM (LMC-NY)
- 1010 KLSS IA MASON CITY - 10/26 1823 poor/fair w/ads for Mason City businesses; *FM-106* IDs; wx (KDF-IL)
- KLSS IA MASON CITY - 10/26 1839 good w/MBS Sps; spots; promo//KLSS-FM (RK-IL)
- 1030 WBZE MD INDIAN HEAD - 10/22 1830 poor w/s/off; in better on 10/25 advising listeners to tune to WBZ (KDF-IL)
- 1040 WJOR TN ST JOSEPH - 10/26 1815 fair w/EZL mx, s/off (RK-IL)
- 1050 UNID ?? - 10/25 1741 u/CHUM w/much QRM; calls *WQSS?* (GC-NY)
- CHUM ON TORONTO - 11/3 1805 strong thru WHN w/lcl nx; *News Hotline* promo; *CHUM AM* ID (LMC-NY)
- 1060 UNID ?? - 10/25 1920+ o/u KYW w/*Talknet* (GC-NY)
- WMCL IL MCLEANSBORO - 10/30 1815 fair mixing w/KYW w/ID;CWM(LMC-NY)
- 1080 WNCR NC ST PAULS - 10/31 1757 poor u/WTIC w/ID (GC-NY)
- 1090 CHRS PQ JACQUES CARTIER - 10/26 1845 fair w/FF spots + SID; must be on fulltime now (RK-IL)
- 1110 KFAB NE OMAHA - 10/31 1811-1815 v/good o/WBT w/ads, wx (GC-NY)
- 1120 WUST DC WASHINGTON - 10/30 1823 poor w/ads; ID (LMC-NY)
- 1140 KPRW OK OKC - 11/3 1918 booming in, dominating 1140; POP format; on PSSA; anyone know the pwr? (JFH-OK)
- 1150 WYNE WI KIMBERLY - 10/17 1900 faded w/ID for Kimberly, Mauston & Green Bay, into ABC NxC (JF-ON)

1170 WJCC MA NORFOLK - 10/18 1805-1825 way atop WWVA w/OLDies; lcl strength (TF-CT)
 KOWO MN WASECA - 10/10 1855 weak in WWVA null w/lcl nx; then ABC Nx (JF-ON)

1180 WFKB KY FLORENCE - 9/27 1920 fair w/WHAM w/wx rpt into CWM (JF-ON)

1190 CHTN PEI CHARLOTTETOWN - 10/29 1750 fair u/WLIB w/contest promo (LMc-NY)

WTPS PA HUGHESVILLE - 10/24 1320 1400 ex:WKDJ; now OLDies, simul w/WTPS-FM 103.9. *Tops in Mx* slogan; Lcl ads every 15 mins, otherwise a clone of all satellite-fed OLDies stns (GV-PA)

1200 KFNW ND WEST FARGO - 10/29 1809 fair o/KYOO w/WOAI nulled; *Carousel* pgs; regional nx; lot of fading (JFH-OK)

WAGE VA LEESBURG - 11/1 1700 fair u/unID w/ID & MBS Nx (KDF-IL)

KYOO MO BOLIVAR - 11/3 1800 poor u/WOAI w/CWM + ID (RK-IL)

1210 WBIU LA DENHAM SPRINGS - 10/14 1931 fair w/ID & OLDies; ments of Baton Rouge; to 1932 pattern switch KDF-IL)

WGSF TN ARLINGTON - 10/10 1917 fair w/ads for nearby Memphis; ID; feature on *Simon & Garfunkle* thru WCAU & WILY (KDF-IL)

WGSF TN ARLINGTON - 10/26 1812 good w/spot; promo + SID (RK-IL)

KLDI WY LARAMIE - 10/27 o/WCAU w/sps report; ID; political ad; mx (KDF-IL)

KLDI WY LARAMIE - 10/27 1921 poor thru growl + WCAU w/ID + sports (RK-IL)

1220 WJUN PA MEXICO - 10/20 1820 fair just o/WGAR w/Accu-wx for Central PA & temp on *Mid-State People Radio AM 1220* into unid pgs. I visited them! (JM-PA)

WAXO TN LEWISBURG - 10/20 2100 fair just in w/ID into ntwk nx; gone (JM-PA)

1250 WLEM PA EMPORIUM - 10/20 1828-29 good fading thru WTAE null w/dog catching PSA, wx & s/off ment *Regional Radio* & WQKY-FM 99.3 tune; best reception yet (JM-PA)

1260 WELL MI ALBION - 10/17 1816 in jumble w/FM-105 ID; MOR mx; only 3rd time heard in 17 years (JF-ON)

1270 WHLD NY NIAGARA FALLS - 10/16 1654-1703 good, fading w/remote from coat store grand opening; lcl nx & gone; this guy didn't verie the 1st time (JM-PA)

1300 WKXI MS JACKSON - 11/7 2011 BLK/SOL mx; promo for MS State FB on Sat; fair o/usual WIBR; *13-WKXI* ID; HS FB; 1st timer (WRH-TX)

WCLG WV MORGANTOWN - 11/1 1815 up briefly w/many ads (LMc-NY)

WOOD MI GRAND RAPIDS - 10/31 1810 fair/good w/lcl ads (LMc-NY)

WXPX PA WEST HAZLETON - 10/3 1843 weak w/FB scores; *13-X* ID (JF-ON)

1320 KWHN AR FORT SMITH - 11/7 2022 HS FB pregame show w/Ft Smith business ments; fair, mixing w/but dominating KXYZ (WRH-TX)

1330 WTRX MI FLINT - 10/13 1946 fair w/teletalk ment *Nightline*; faded; 1st time (JM-PA)

WELW OH WILLOUGHBY - 10/13 1930 fair w/wx, ID, jx & MOR; 1st time (JM-PA)

1360 WNMS NY OLEAN - 11/2 1743 OLDies; ID *1360-WNMS*; weak (TF-CT)

WCHL NC CHAPEL HILL - 10/31 1804 poor u/WDRG w/local events(LMc-NY)

1370 WZYQ MD FREDERICK - 11/2 86 1738-1750 ads; *2104* ID; ROK; way atop (TF-CT)

WSPD OH TOLEDO - 10/31 1755 fair w/WFEA/WELW w/ad (LMc-NY)

1390 WEGP ME PRESQUE ISLE - 10/29 1810 good in WFBL null w/nx, wx, contest promo, ROK mx. Long sought, finally caught! (LMc-NY)

WCSC SC CHARLESTON - 11/4 1720-1750 fair→good w/WMZQ; Top 40/OLDies; ad for *Shaggin' USA* tape; *1390-WCSC* slogan(GV-PA)

WMZQ VA ARLINGTON - 11/3 no time good o/WCSC ...no sign of WFBL; CWN, female DJ, many ads; one for lcl Toyota dlr (GV-PA)

1420 WIMS IN MICHIGAN CITY - 10/21 1900 strong after WEMB w/CNN & lcl nx, wx; fade to WHK (JM-PA)

WEMB TN ERWIN - 10/21 1900 good w/s/off ment *The Country's Best Country...studios...located south of Erwin on the Asheville Hwy...*; 1st time (JM-PA)

WJYI GA BUFORD - 11/5 1800 fair w/s/off w/promo as *Joy* (RK-IL)

1470 WBIG NC GREENSBORO - 10/31 1748 fair u/WKNY-1490 slope; w/AdCon mx; political ad (LMc-NY)

1560 WCNW OH FAIRFIELD - 10/26 1733-1738 v/poor, just above mess w/ad for Lincoln-Mercury/Ford dealer & *CNW* IDs (WPF-IN)

WQXR NY NEW YORK - 10/26 1428+ v/strong in the middle of the day; no sloop from WWKB or CHIN (GC-NY)

1570 WFEL MD TOWSON - 11/2 1645-1712 atop freq w/preaching & REL mx (TF-CT)

WPGM PA DANVILLE - 10/4 1634-1700 atop freq w/preaching; detailed s/off w/requests for a new \$24,000 XR!! (TF-CT)

1590 WTVB MI COLDWATER - 10/8 1815 hrd while driving from work on car radio, mixing w/WONX; *16 T-V-B* ID (RIGAS-IL)

WFTH VA RICHMOND - 11/1 1825 poor u/heavy WQQW w/ID (LMc-NY)

1610 ---- ANG Caribbean Beacon - 10/26 2057-2101 v/weak w/REL pgs & ID (GC-NY)

MIDNIGHT TO MIDDAY ditto let's leave it this way

530 CFJT ON FORT ERIE - 10/30 0147-0225 ROK mx; ID *710 CJRW*, simulcating on *CJFT-530*; fair→good, slight beacon QRM de 526 khz (JFH-OK)

540 KWMT IA FORT DODGE - 10/26 0342-0402+ EST steady but poor signal w/Music Country Radio Net & AP Nx o/CBK (Mex agreement pwr?) (WPF-IN) I dunno, 540 is a Canuck Clear, Not Mexican (WRH)

550 KFYZ ND BISHARCK - 10/26 0506 poor w/N & S Dakota wx & current temp 370 and fog u/KUSA. WKRC off? (WPF-IN)

UNID ?? 10/30 0337-0354+ someone here w/TT & OC. Looped NW→SE. Maybe KFYZ o/WKRC/KUSA? (WPF-IN)

560 CJKL ON KIRKLAND LAKE - 10/24 0451-0454 fair w/MOR mx in WIND null 'bout as bad as Fidel, hi (WPF-IN)

WIND IL WINDY CITY - 10/27 0436-0445+ noted w/OC & TT & *Beautiful Mx* (yes) o/WHBQ which was also TT (WPF-IN)

580 CKAP ON KAPUSKASING - 10/24 0602 fair; just caught portion of what sounded like a s/on, though log says 24 hrs NSP (maybe just a status statement). They had just gone daytime non-D pattern along w/3 or 4 others, hi. Top 40 mx (WPF-IN)

CFRA ON OTTAWA - 11/4 0452-0506 good w/MOR mx + lcl nx; then *Now more favorites from yestery and today on CFRA* o/WIBW/WCHS (WPF-IN)

590 WPLO GA ATLANTA - 10/30 0342-0347 fair atop freq briefly w/CWM, simul w/*KICKS-105 FM* (in Canton, GA?) o/u WK20, the Cuban & WOW, carrying Music Country Radio Net, but went back to local pgs at 0400 (WPF-IN)

610 WZZK AL BIRMINGHAM - 10/24 0547 fair, noted simul CWM w/FM 104.7 o/u WDAF (WPF-IN)

WTVN OH COLUMBUS - 10/26 0027 u/CKTB w/AdCon; sps nx (GC-NY)

620 KMNS IA SIOUX CITY - 11/2 0652-0730 *62 Country* IDs; fair w/Tim Scott Show; WTMJ/XEBU nulled (JFH-OK)

640 WWLS OK MOORE - 10/28 0659 s/on w/U2, 1000/1000 o/WOI/KFI & Cuban (WPF-IN)

WOI IA AMES - 10/19 & 20 0159 good o/KFI in Cuban null w/break from NPR's *Jazz After Hours* to lcl wx & ID, dual Ames-Des Moines & WOI-FM also 0659 lcl wx & temps around IA into *Morning Edition*, has been a night regular after WHLO off; new (JM-PA)

680 WPTF NC RALEIGH - 0326 noted w/Talkradio w/Ray Briem on #680/WPTF; no LK, so evidently dropped (WPF-IN)

WCTT KY CORBIN - 10/29 0608-0611 up briefly w/ad ment London, KY, then into CWM; weak, but steady o/WPTF/CFTR (WPF-IN)

WDBC MI ESCANABA - 10/30 0826 poor w/ad for business in Escanaba & Eau Claire (WPF-IN) Must be BIG business as Eau Claire is 300 miles away. W060-WI is next door to Eau Claire(WRH)

710 WUFF GA EASTMAN - 10/25 0621-0626 EDT fair simul 92.1 FM w/CWM o/WOR (WPF-IN)

WSDM WI SUPERIOR - 10/30 0820-0823 poor w/CWM & ads, regular & political, u/severe WGN-720 splash; had to tune ICF-2010 to 709.5 to get it (WPF-IN)

730 WPAL SC CHARLESTON - 10/25 0334-0346 poor w/SOL/R&B mx (Mex agreement pwr?) u/UNID calling itself *Canada's Mid-SouthRadio*. Is this CHYR-7? It's in ET w/TOP 40 mx (WPF-IN)

KSUD AR WEST MEMPHIS - 10/25 0529-0558 in/out w/SOL/RB promo for *Dance at the Alpha House* sponsored by KSUD & chance to win a trip to New Orleans; ann *more continuous mx from D-73 serving the Tennessee Valley*. Mex agree pwr? (WPF-IN)

KWRE MO WARRENTON - 10/27 0626 w/CWM; kind of early for them to be on, so must have Mex PSSA. My 3rd on 730. After hours, or before, hi. (WPF-IN)

CJNR ON BLIND RIVER - 10/27 0630 MOR mx & into CJNR nx o/u KWRE (WPF-IN)

WJMT WI MERRILL - 10/28 0613 fair w/lcl nx; quickly faded. Sounds like another Mex PSSA (WPF-IN)

WPIT PA PITTSBURGH - 10/31 0708 good w/end of IMS Moody Bible Institute Nx + lcl nx & wx w/370 temp; alone on freq(WPF-IN) Have you been countin'? That's SIX IDs on 730 for WPF(WRH)

770 WABC NY NEW YORK - 10/25 0347 w/TT & OC; back on reg sched by 0430 (WPF-IN)

800 WSVS VA CREWE - 10/30 0741 v/brief & v/bad w/calls; faded before I could write this down u/CKLW (WPF-IN)

850 WKIX NC RALEIGH - 10/29 0623-0631 strong, blowing the doors off w/CWM o/KOA/WKBZ + CKVL? (WPF-IN)

WKIX NC RALEIGH - 10/24 0715 fair in KOA null w/nx & ID (RIGAS-IL)

900 WGOK AL MOBILE - 10/17 0100 in o/CHML w/900 Stereo 24 hours-a-day (JM-PA)

KFAL MO FULTON - 10/31 0024 on top w/CWM, community calendar promo (KDF-IL)

930 WLBL WI AUBURNDALE - 10/30 0858 good w/break in NPR's *Morning Edition*; brief look @ lcl nx, then back to NPR; IDs w/Steven's Point o/WBCK; WBYG non-existent (WPF-IN)

KWOC MO POPLAR BLUFF - 10/29 0110 good w/s/off ment power, xmtr 4 miles SE (JM-PA)

KSDN SD ABERDEEN - 10/27 0357-0434 fair→good w/OLD; fade to CJCA possible NBC Nx, *To Your Health*, wx; 2nd time (JM-PA)

CFBC NB ST JOHNS - 10/29 0156-0200 xint best yet w/AdCon, CFBC Nx, sps, wx & 1st with the nx in southern NB, then one hour of OLD (JM-PA)

CJCA AB EDMONTON - 10/27 0400-0404 good o/KSDN w/lcl nx, spss, wx, annrc name; didn't verie before (JM-PA)

WBYG IL SANDWICH - 10/27 0330-0400 fair @ times w/WGNT/Cuban ticker during KLCY test w/Music Country Net + legal ID (SF-ID)

940 CJGX SK YORKTOWN - 10/26 0413-0420 good w/GX94 IDs; CWM; ad for business in Saskatoon; ann time as 3:19 (MT). Do they observe time change or forget to set clock back? (WPF-IN)

WXGI VA RICHMOND - 10/29 0617-0636 strong at times o/WWJ w/old CWM on *Heritage Day*, lcl ads, PSA, annct for Motor Sps Net, ID *Your Road to the Country...195* (JM-PA)

950 WQBE WV CHARLESTON - 10/29 0633 poor w/lcl nx just o/WJPC/WWJ (WPF-IN)

960 UNID ?? - 10/27 0300-0330 o/CKWS/WFIR w/weird tones of varying frequencies (GC-NY) *May have been the KSRA test!* (WRH)

990 WYAT LA NEW ORLEANS - 10/25 0448-0525 good w/ads & OLD on *The Oldies Channel, AM 990 WYAT*; Power? WNOX seemed to be off (WPF-IN) My log says D1 250/; nice catch! (WRH)

1000 KTOK OK OKC - 10/28 0237-0452 poor but steady w/LK o/UNID SS which said it was from Matamoros, but it looped toward Cuba or Manitoba (hi) (WPF-IN)

1010 WCSI IN COLUMBUS - 10/30 0705 fair in CFRB null w/lcl nx & wx; high expected 610 (WPF-IN)

1040 WJOR TN ST JOSEPH'S - 10/24 0737 fair in WHO null w/GOS; ads; IDs (RIGAS-IL)

CIOF BC VANCOUVER - 11/3 0055-0117 w/POP mx; *1040 AM Radio* IDs; Vancouver ments; BC Lions PSA (KDF-IL)

CIOF BC VANCOUVER - 11/3 0048 fair→poor, fading up & down o/u WHO w/ROK mx + IDs as *AM 1040 Radio*; ment of BC (RK-IL)

1050 WDZ IL DECATUR - 10/28 0503 just caught promo *Your station for Chicago Bears FB* o/u WHN/CFYN. What's Mex agreement power? (WPF-IN)

WADC WV PARKERSBURG - 10/27 0703-0715 fair o/CHUM in WHN null; int'l nx; ad for WV lottery; WV & lcl nx (GV-PA)

1090 CHR5 PQ JACQUES CARTIER - 10/24 0632 poor, just barely surfacing w/FF talk, u/KAAY (WPF-IN)

1110 WJML MI PETOSKEY - 10/30 0854 noted w/contest giveaway + MOR mx in WMBI null (WPF-IN)

1140 CJTR PQ TROIS RIVIERES - 10/24 0536-0543 fair→good w/EE OLD mx & morning chatter in FF (WPF-IN)

1170 WJCC MA NORFOLK - 10/20 0740-0800 good until WWVA took over @ 0800; nx, wx & *New England Sports*; ads for tire dealers, auto service stations & *Video Town of Westwood* (GV-PA)

1180 WJNT MS PEARL - 11/2 0204 fair thru WHAM ET w/ABC Nx; spot; ID + *Talknet* (RK-IL)

WJJF RI HOPE VALLEY - 10/20 0704-0735 good in WHAM null;lcl nx; PSA for local library; ad for *The Ideal Program* and *Narragansett Auto Body* (GV-PA)

1210 WSBI TN STATIC - 10/10 0700 poor in WCAU w/s/on (RIGAS-IL)

UNID ?? - 10/24 0745 s/on w/SSB; too weak & much interference to catch positive ID (RIGAS-IL)

1240 WJPD MI ISHPEMING - 10/26 0307 good in WEDC null w/s/off/SSB(RK-IL)

1320 WSCR PA SCRANTON - 10/22 0730-0800 gaining strength o/WANI; daytime lcl here; formally WBQW; now *OLDies*; *The Oldies Channel, Electric City Gold* slogans; word about school canx; ad for *Scrantonian-Tribune* (GV-PA)

WANI VA RICHMOND - 10/22 0720-0740 good until WSCR took over; Adult mx; *VA Saturday Ntuk* Nx; ad for *Richmond Ford* (GV-IN)

1340 WBCS WI MILWAUKEE - 10/28 0530 good, steady signal noted w/Music Cx Radio Net o/mess (WPF-IN)

WGRV TN GREENEVILLE - 10/19 0128 food (you mean good?, hi) w/break from Talknet, ID, taped wx; gone (JM-PA)

1350 WLOU KY LOUISVILLE - 10/30 0611-0615 on top of freq w/SOL/RB mx o/WIOU/CKAR (WPF-IN)

WJBD IL SALEM - 10/1 0700 fair w/s/on w/studio location, FM 100.1#; into NBC Nx; new (JM-PA)

WSMB LA NEW ORLEANS - 10/17 0124-0200 v/good mix w/WSLR teletalk, IDs, anncts, ABC NX (JM-PA)

1380 WFCL WI CLINTONVILLE - 10/30 0618 promo for HS FB on *1380 Country*; wx 280, then into Polka mx-YES, POLKA mx; stands out like a sore thumb (Fidel's) looped toward Cuba, maybe Fidel's pulling wool over my eyes; then again if it's 280 in Havana, there's no wool to pull (WPF-IN)

WATO TN OAK RIDGE - 10/29 0640-41 good o/din w/3 lcl ads including political (JM-PA)

1400 DWSOY IL DECATUR - 10/19 0258-0300 v/good; best yet w/college FB results, other sps, wx, ID, CBS nx; later into LK (JM-PA) John, did you want this at 1340 instead of 1400, or were you testing me? (WRH)

WBLQ PA ERIE - 11/3 0010 fair w/ID AM 1400 WBLQ; ex: WJET (RK-IL)

1480 WSHW PA SHIPPENSBURG - 10/18 0610 briefly w/ID beginning of lcl nx; faded; I visited them! (JM-PA)

1500 WCZY MI DETROIT - 10/27 0657 fair with lcl nx o/WAKE OC & KSTP (WPF-IN)

1510 WJCO MI JACKSON - 10/30 0650 very briefly w/ad for business in Jackson; gone as quick as received u/WLAC/WJRC + one UNID (WPF-IN)

1560 WCNW* OH FAIRFIELD - 10/22 0048 v/good in WQXR null w/poss contemp REL mx; ID *WCNW Fairfield-Cincinnati* conducting tests; then off (JM-PA)

1570 WRJQ WI APPLETON - 10/25 0432 annmt about lite-rock w/*another 3-in-a-row on WRJQ*. Power? (WPF-IN)

WFUR MI GRAND RAPIDS - 10/28 0621-0630 REL pgm into lcl nx o/CFOR/+ mess (WPF-IN)

WKBH WI HOLMEN - 10/26 0112 on top w/*WKBH Stardust 16* IDs; BBD & MYL-type mx; sedate annrc u/KUXL which was signing off, and CKTA (KDF-IL)

WFRL IL FREEPORT - 11/3 0306 ending CBS Nx; ID; *Light 1570* promo; into automated AdCon; then mercifully faded u/XERF (SF-IN)

1580 WKUN GA MONROE - 10/24 0658-0701 fair alone on freq w/CWM into United Stations Radio Net Nx (WPF-IN)

WLNZ MI ST JOHNS - 10/27 0641-0655 good, steady w/morning farm reports simul w/*Lazer 92.1-FM* (WPF-IN)

WJIK NC CAMP LEJEUNE - 10/28 0616 poor w/*WJIK Where Jesus Lives* slogan into REL mx o/u CBJ; so hasn't moved to 830 (WPF-IN)

1590 KYDE AR PINE BLUFF - 11/3 0301 good w/SOL mx + ID; night CP is on (RK-IL)

PIRATE STUFF

1630 WQQ OH HURON - 9/9 1913 fair w/female annrc; all mx by female artists; all programming oriented towards women; Actual freq was 1629.94; strange time for pirate, Tuesday evening, not hrd since (JF-ON)

TIS & Other

530 CFHS OH FORT FRANCES - 10/27 0140 fair & very fadey w/TIS info about ON laws; promo for CF0B-640 + ID as *CFHS Radio Ft Frances* (calls could have been CFHF or CFHX); CJFT nulled (RK-IL)

IDs On Some UNIDs from Pete Nolan

All from Vol 54, Issue 4... "1300-RCW's *Oldies Channel* is WLXG, Lexington, KY (ex-WTKC). Transtar Rock Oldies Format; no one else on 1300 is a Transtar affiliate as of late Sept (the last Transtar list I have) and 'LXG has been heard up that way. "1570-GC's 16Q is WQTW-1570 Latrobe, PA. Phoenetically, 16Q sounds like CCQ and that's probably what (you) heard". Also from Pete...KCNW-KS's new address: 4535 Metropolitan, Kansas City, KS 66106 THANKS, PETE!

WBYG AM 930

The Preceding DX News Has Been Brought To You By:

- WPF-IN Wendell Ford//Westville, IN//ICF-2010
JM-PA John Malicky//Pittsburgh, PA//Superadio II
GC-NY Greg Coniglio//Clarence, NY//
RIGAS-IL Christos Rigas//Chicago, IL//R-2000; ICF-2002+Kowalski Loop
TF-CT Tony Fitzherbert//Fairfield, CT//Superadio; ICF-SSW
AB-TX Artie Bigley//San Antonio//telephone wire
JFH-OK John Herman//Vinita, OK//R 88+ RW Loop
KDF-IL Karl Forth//Chicago, IL//HQ-160, ICF-SSW
SM-MA Stan Morse//Boxford, MA//HQ-180A + SM2
WRH-TX Bill Hale//Converse, TX//TRF barefoot
LMC-NY Laura McCusker//Kingston, NY//Wisdom Teeth+LW
JF-ON Jeff Falconer//Clinton, ON//NRD-515, NRD-525 + RW Loop & LW
RK-IL Robert Kramer//Chicago, IL//R-1000, HQ-129X + RW Loop; Kantronics Signal Enforcer Peak Notch Filter
6V-PA George Vanish//Truckville, PA//RF-2600; car radio
SF-TN Steve Francis//Alcoa, TN//TRF

News and Views

Local KRNN-930 has been sold, per AB-TX and their announcements. No changes in programming (or so they say), but rumor has it they're losing \$\$ with their news/talk format. Have heard some rumors concerning their future, but nothing substantiated. The comments following the time divisions are from Wendell Ford. His views echo everyone else who has commented, so we'll leave the Midday/Midnight-Midnight/Midday format alone. This is a record-size column for this season.

73, Bill

CJCL 1430 THE "MUSIC OF YOUR LIFE" RADIO 464 YONGE ST. TORONTO, ONT. M4Y 1W9

KSDN AM/93 • FM/STEREO 94 Hwy. 281 South • P.O. Box 1930 Aberdeen, South Dakota 57401

FROM PAGE 5

- 1590 WUSJ1 Ben Cagle M BP
1590 WZIP1 Howard Griboff P/GM LB
1600 KRXY1 Mark S.Werner TD LB
1600 WHML1bu Gib Lake PD/MxD BP
1600 WKEN1 Rick Gaidis GM LB
1600 WKXF1 Stuart Bass P BP
1610 KOP617p Gerald Townsend JW

Table with columns: File, Report, Contrib, Initial Name, Loc. Rows include Andy Rugg (PQ), William J. Prater (KY), Jeff Falconer (ON), John Wilkins (CO), Laurie Boyer (NZ), Morris Sorensen (ON), Phil Tallman (OK), Wayne Heinen (CO).

Air Traffic Reports with CAPT. SCOTT KING 62-WHEN RADIO AM STEREO LOOKING OUT FOR YOU!

Nancy Hardy, 2301 Pacific Avenue, Aberdeen, WA 98520

Welcome to another edition of DDXD-West. Deadlines are Saturdays, use eastern time. Here we go...

SPECIAL

- 700 KMJY WA NEWPORT - 10/27 0100 with "KMJY in Newport, WA" then into very casual s/off anct. Announcer mentioned that their music library had not arrived in the mail yet, & was apologizing for what he had been playing. Noted "Magic 700" ID as well. (pb-WA)
820 KQIN WA BURIFN-SEATTLE - Off the air! Noted not there 10/25 0145 with WBAP & CHAM fighting it out just like old times. I started singing "Another One Bites the Dust" & planning for the next week's taping, hi! This one probably will not last long as this is a very good spot on the dial here in this area.(pb)

MIDDAY TO MIDNIGHT

- 530 ---- WA WA 15 and I405 North Intersection - Noted TIS sign, but no station on the air, on way home from work. Finally caught them on the air 10/15 1930 on the way home from work with "Swamp Creek Interchange" testing anct. Also tuned in at home about half hour later! (pb-WA)
730 KIZN ID BOISE - Several political anctts & spots heard 10/22 2324. Finally got an ID 2326 after C&W music. This was mixing with KURL in CKLG null. (pb-WA)
KURL MT BILLINGS - A big surprise here with relig. programming "Back to the Bible" 10/22 2329. Into spots & second relig. program. Mixing with KIZN & was actually doing better than them most of the time. Didn't know they were fulltime! (pb)
940 KWRC OR WOODBURN - With SS program 10/25 2207 & mentions of Salem. (pb-WA1)
990 KRKT OR ALBANY - Noted on 10/25 2153 with ID, I guess they're full-time! (pb-WA1)
1300 KLFR ID OROFINO - Noted o/u KMPS with Idaho Vandal's football game 10/25 2114 and spots for places in Moscow. (pb-WA1)

MIDNIGHT TO MIDDAY

- 515 SAK MT KALISPELL - Has moved here from 287 per LWCA. Heard here 10/6 0138 with continuous code IDs at a speed even I can figure out! (pb-WA)
840 CKBX BC 100 MILE HOUSE - In with hockey game 10/8 0040 Quesnel vs Missoula. Tried to catch // programming on 570 & 920, but nothing definite. (pb-WA)
640 KGVW MT BELGRADE - Quick "KGVW newstime, 7:06" ID during local news program 9/29 0906 in KFI null and into spot. (pb-WA)
1220 KCCS OR SALEM - Now on at night, schedule unknown. Noted 10/6 with woman announcer at 0201 and ID. (pb-WA)
1240 KSUE CA SUSANVILLE - Finally got something on the frequency! Heard with "KSUE and KSUE-FM" ID 10/20 0200 and into AP Network news. There is tremendous slop from KKFx-1250 here at my house (and 1260 as well), and I hear 1240 about twice a month. I tried using the USE/LSB mode on the SPR-4 and got much better audio. (pb-WA)
1430 KLO UT OGDEN - Noted MM 10/13 with music which lasted 1-2 minutes after the top of the hour. Then into the middle of Ai news. After news, complete ID & back into music. This is sure unusual, eh, so I thought it was distinctive enough to report. (pb-WA)
CJCL ON TORONTO - Couple of IDs here 10/13 0459.5 o/u KLO's all night programming. I've heard this one several times at this hour last fall & it looks like the trend is still there.(pb)

REPORTER:

pb-WA/Phil Bytheway, Seattle, WA/SPR-4, 2x4 triangular loop with single PFT pre-amplifier
pb-WA1/Phil Bytheway, Seattle, WA/SPR-4, 2500' wire running at 240 degrees at Bandera Emergency airfield

INTERNATIONAL DX DIGEST

Chuck Hutton, 437 Hardendorf Ave., Atlanta, GA 30307 (404) 378-8215

Times are GMT

For ELT subtract 5 hours.

Deadline: Monday

- 162 FRANCE Allouis 10/11 0458 very good w/FF talk, elevator mx (that's not music-Chuck) // 3965 SW. This comes in here with very strong signals nearly every evening. (Falconer) 10/26 0048 FF instrumental mx with FF talk. Weak. (Purdue)
- 183t GERMANY 10/11 0455 think this was the weak one here w/US rock, unid lang. When France 162 is in there is usually a carrier or weak audio detectable here and on 153 as well. (PFalconer)
- 209 MOROCCO Azilal 10/25 0408 AA talk then into AA vocal mx. Poor-fair. (Purdue)
- 218 MONACO Monte Carlo 10/25 0416 pop mx, FF talk from remote broadcast. Fair. (Purdue)
- 710 CUBA R.Rebelde blasting away w/excited male annrcs, many promos around 0600, English lang hits, and of course making all this possible was WOR being off. (Mount) WOR, what is it good for? Chuck
- 730 TRINIDAD AND TOBAGO R. Trinidad, Port of Spain 10/27 0820 cricket between Pakistan and West Indies like from Faisalabad; spot for Rrinidad Feed Mill; on early or all night because of this game. Good, little CKLG on S. American Beverage. New, Trinidad #2. (Wood)
- 840 ST. LUCIA Castries R. Caribbean 10/27 0850 FF songs, spots for stores on Martinique, 0900 nx in Parisian-accented FF. O/u WHAS. Note: if a FF is heard here it is probably this, not Haiti. (Wood) Why? Haiti (so much closer) is more common for me at least.... Chuck
- 850 ALASKA Nome KNOM 0845 10/27 RR religion o/KOA. Good. (Wood)
- 880 PERU Lima R. Union OBZ4N 10/26 0810 Andean folk duet, ID, very good. (Wood)
- 891 AUSTRALIA Townsville 4AY 10/24 1600 nx, PSA for health research, 1604 weather, ID, into c&w, good w/JOHK QRM. (Wood)
- 919 COLOMBIA Cartagena Em. Fuentes HJAE 10/29 0408 tropical mx, ID, het 920. (Wood)
- 927 INDIA Vishakhapatnam 10/26 1627 Tamil or similar, sitar and vocal, 1630 AIR ID. New, India #6; Pakistan remains unheard. Quite good. (Wood)
- 930 CUBA Ciego de Avila R. Reloj CMID 10/27 0830 time ticks, "RR" in Morse code, report on sugar harvest. Dominant on S. American Beverage. Hrd while looking for NRC DX test from KLCY-MT which I suspect was not on the air. (Wood) It was on-Chuck
- 963 USSR unid eastern Siberian 10/26 0808 RR folk opera, quite good. (Wood)
- 1035 PORTUGAL Lisboa R. Comercial 10/25 0324 pop mx w/PP talk, poor. (Purdue)
- 1062 UNID 10/25 0332 loud het against KYW-1060. possibly Portugal. (Purdue)
- 1080 VENEZUELA Maracay R. Mundial 1080 YVRI 0803 spot for sotre in Maracay. Quite good. (Wood)
- 1134 YUGOSLAVIA Biograd 10/13 0425 strong at times w/pop mx, YL annrc. This is often the strongest TA here of late. (Falconer) Ditto here, with no trace of Spain. I believe many of the Spain reports are actually Yugo slavia-Chuck
- 1134 UNID 10/25 0330 station playing classical mx, possibly Spain. (Purdue) I bet you know my guess.....Chuck
- 1143 AUSTRALIA Mayfield NSW 2HD 10/29 1600 nx, 1604 wx, ID, into rock o/u 1YW. (Wood)
- 1143 NEW ZEALAND Hamilton 1YW 10/29 1600 RNZ nx, 1605 wx, 1606 marine forecast, 1610 into light mx o/u 2HD. (Wood)
- 1233 CZECHOSLOVAKIA Melnik/syncs 10/27 0429 CZ talk, light mx, 0500 IS of 2 long, 1 short, 2 long electronic notes, played twice. ID and TC, into news. Relog. (Wood)
- 1314 NORWAY Kvitsoy 10/26 0440 Big Band oldies, NW explanations, 0452 booming strength, little fassing, still solid 0600 with nx. 10/27 relog 0418. The dominant European this year, unlike last. (Wood) They've even made it to Georgia a handful of nights this season-Chuck
- 1314 NORWAY Kvitsoy 10/13 0420 good w/MoR mx, YL annrc w/nx at 0500. ANother of the more regularly heard TA's here. (Falconer)
- 1341 CANARY ISLANDS Tenerife R. CLub de Tenerife EAJ43 10/29 0630-0705 SS light vocals mostly by Julio Iglesias, TC's in UTC, IDs by female. Quite good, separable from 1340 on S. American Beverage. New, my first from Atlantic Islands. (Wood)
- 1370 COLOMBIA Bogota HJCK R. Mundial 10/29 0600 ID "R. Mundial RCN", contest promo. 10ud. (Wood)
- 1395 ECUADOR Esmeraldas LV de Esmeraldas 10/29 0400 guitar melodies, Andean style, quite good. (Wood)
- 1470 TAIWAN Kinmen BEC47 1620 CC messages repeated twice to China mainland, believe these are te separated families; have heard this style of Taiwan to mainland services on SW. Good. (Wood)

1590 MEXICO Monterrey XEACH 10/26 0815 ID as "La Sultana de Monterrey, Nuevo Leon, Mexico", mostly rancheras, some tropical mx. Good o/u KOGO-CA. (Wood)

Jeff Falconer-Clinton, ONT NRD515/525, R. West loop, LW
Paul Mount-Teaneck, NJ TRF
Ronald Purdue-Byrin, MN FRG8800, 130' LW, loop, frt7700 tuner
Richard Wood-Hilo, HI ????????????

NAB Antenna Plans Continue

by Alex Zavistovich

Washington DC ... The NAB's plans to field test two new reduced-skywave AM antennas continue, in spite of negative critical reviews at the late-September IEEE convention here of the antennas' expected performance.

The two designs are part of a NAB-sponsored project to develop AM antennas which enhance groundwave propagation and minimize skywave interference.

Richard Biby, of Communications Engineering Services (CES) in Arlington, VA, designed a monopole antenna encircled by a ring of smaller antennas located 5° from the monopole. To prevent lessening of the groundwave, Biby included a screen ¼ wavelength from the monopole.

Ogden Prestholdt, with the Washington, DC-based engineering firm A. D. Ring & Associates, submitted an array with a single vertical and single horizontal element, which would put a null in the skywave elevation angle.

Performance characteristics of the antennas were presented in papers by R. W. Adler of the Naval Postgraduate School and Jim Breakall of Lawrence Livermore Laboratories, during the IEEE symposium.

Modeling

Both the Biby and the Prestholdt antennas were modeled using the Numerical Electromagnetic Code (NEC), a mathematical system which determines current distribution on an antenna, using specific drive voltages.

Biby's antenna design was critiqued by Adler. During the IEEE presentation, Adler said that NEC modeling of the antenna indicated a lower signal, different impedance and lower current (therefore lower signal strength) than Biby had calculated.

Breakall used NEC modeling to test the performance of Prestholdt's antenna over perfect ground. Prestholdt's antenna design, Breakall suggested, indicates large field strength at high angles, which might cause skywave interference in one's own coverage area.

The review came unexpectedly for Prestholdt, who said he was unaware of plans to discuss his antenna at the symposium.

Prestholdt said that approximately six months ago he had heard that someone at Lawrence Livermore Laboratories was examining his model. He maintained, however, that he was never contacted, and did not know that the paper was to

be presented at the symposium.

The original antenna design, first proposed 20 September 1985, was "a simple model to illustrate the principle" of combining horizontally and vertically radiating elements, Prestholdt said. The antenna elements could have been arranged in any way relative to each other, he added, including on the diagonal.

Prestholdt is currently investigating the use of inclined guy wires with his antenna concept. He admits there is a trade-off involved in using the wires—although the horizontal current moment would be raised to nearly half-wavelength, the vertical current component "affects the circularity of the groundwave in the near field."

NAB antenna project proceeds

Michael Rau, staff engineer for the NAB and member of its AM Improvement Committee, said the NAB AM antenna project is "going forward, regardless" of the presentations at the IEEE symposium.

Adler and Breakall were interested in using the NEC to test actual existing structures, and the NAB project "will give them the opportunity to do just that," Rau said.

ABC Radio's Ken Brown, also a member of the NAB's AM Improvement Committee, was convinced likewise that the antenna test program will continue, although he admitted he recognized some problems in the antennas.

The results of NEC modeling of Prestholdt's antenna came as "no surprise," Brown said. He maintained that Prestholdt's original paper indicated a single point of protection only, from the single horizontal and vertical azimuths of the antenna elements.

Difficulties with Biby's antenna were not as readily apparent, Brown said. The Biby antenna "deals with quirks in mathematics, and depends on the behavior of the emitted waves," he said.

In his own 1985 presentation, Biby had suggested there may be some problems in impedance in driving the antenna, Brown stressed.

But Brown pointed out that discrepancies always exist between mathematical testing and actual field testing. If the papers presented at the IEEE symposium had any effect on the NAB's antenna project, it may have been to provide "a little better idea of what to test for," Brown concluded.

Other developments

At press time, Rau said the NAB was scheduled to attend a 22 October public

hearing before the Board of Supervisors of Loudoun County, the largely rural county about 40 miles west of Washington, DC, where Biby's antenna will be constructed.

The NAB requires a waiver of the county's zoning ordinances, which usually prohibit large structures from being built on agricultural land, Rau said.

Biby noted that the FAA has granted clearance to use the Leesburg, VA-area test site.

A meeting also was scheduled for 24 October between Prestholdt and radio representatives from Howard University, which has offered a Beltsville, MD site for that antenna test.

FAA and FCC clearance must still be granted, said Prestholdt, who plans to run a series of on-site experiments to prove his antenna's general principle and to obtain specific operating characteristics.

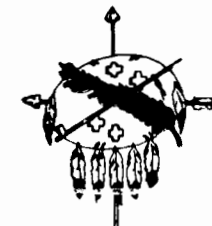


ktlq-keok

P.O. Box 719

tahlequah

OKLAHOMA 74465



Freq	Transmitter Loc.	MC C	ICRT	Identification	Power	Freq	Transmitter Loc.	MC C	ICRT	Identification	Power
550	Manzanillo	CMNA	-	R. Rebelde	1000	1010	Holguin	CMKE	CMKM	C M B F	1000
550	Pinar del Rio	CMAA	CMAN	R. Rebelde	10000	1010	Guane	CMAM	CMAP	R. Guama	50
560	Ciego de Avila	CMIA	CMJM	R. Rebelde	100	1020	bahia Honda	CMAP	-	R. Guama	5000
570	Santa Clara	CMEA	CMHI	R. Reloj	30000/6000	1030	La Palma	CMAN	CMAX	R. Guama	1000
580	Baracoa	CMMF	CMKF	R. Rebelde	2000	1030	Santiago - Cuba	CMJN	CMKW	R. Mambi	1000
590	La Julia	CMCA	CMW	R. Rebelde	50000	1040	Puerto Padre	CMLO	-	R. Victoria	1000
600	Guantanamo	CMMA	CMDN	R. Rebelde	1000	1050	Las Tunas	CMLL	CMKT	R. Victoria	30000
600	Urbano Noris	CMKA	CMKV	R. Rebelde	150000	1060	Amancio R.	CMLO	-	R. Victoria	1000
610	Bahia Honda	CMAF	-	R. Rebelde	1000	1060	Baracoa	CMMQ	CMDX	CMKS y CMDX	2000
610	Trinidad	CMGA	CMHV	R. Rebelde	1000	1070	Guantanamo	CMML	CMKS	CMKS y CMDX	10000
620	Moa	CMKF	-	R. Rebelde	1000	1080	Guines	CMCU	-	R. C. Habana	10000
620	Colon	CMDA	CMGN	R. Rebelde	30000	1090	M. Matahambre	CMAW	-	R. Guama	1000
630	Camaguey	CMHA	CMJN	R. Rebelde	130000	1100	-	-	-	R. Caden Habana	1000
640	Pilon	CMNH	-	R. Rebelde	10000	1100	Santa Clara	CM?M	CMHA	Onda Musical	250
640	Guanabacoa	CMBB	CMBC	R. Progreso	35000	1100	Banes	CMKP	-	R. Angulo	1000
650	Media Luna	CMNC	-	R. Rebelde	1000	1110	Holguin	CMKL	CMDL	R. Angulo	10000
650	Santiago - Cuba	CMJC	CMKV	R. Rebelde	1000	1120	Mayari	CMKQ	-	R. Angulo	1000
660	Santa Clara	CMBB	CMHC	R. Progreso	5000	1130	Sagua de Tanamo	CMKU	-	R. Angulo	2000
670	Arroya Arenas	CMBC	CMQ	R. Rebelde	50000	1140	Ciudad - Habana	CMBW	CMCH	R.C. Habana	500
680	Cienfuegos	CMHB	CMHN	R. Progreso	1000	1140	Media Luna	CMNN	-	R. Bayamo	1000
680	Santiago - Cuba	CMJB	CMDB	R. Progreso	1000	1143	Cardenas	-	-	-	5000
680	Ciego de Avila	CMIC	CMJV	R. Rebelde	10000	1150	Bueycitos	CMNQ	CMKX	R. Bayamo	30000
690	Santa Clara	CMBC	CMHQ	R. Rebelde	10000	1160	Pilon	CMNW	-	R. Bayamo	20000
700	Guantanamo	CMNC	CMDW	R. Rebelde	1000	1160	Havana	CMCV	-	R. Taino	300000
710	-	-	-	R. Rebelde	50000	1180	Guanabacoa	-	-	-	100000
720	Trinidad	CMCC	-	R. Rebelde	1000	1180	Mayari Arriba	CMJG	-	R. Progreso	1000
720	Baracoa	CMMH	-	R. Rebelde	10000	1180	Nueva Gerona	CMUD	CMBM	R. Reloj	1000
730	Cacocum	C<KC	CMKJ	R. Rebelde	7000	1190	Yaguajay	CMGO	-	R. S-Spiritus	1000
740	Camaguey	CMHC	CMJL	R. Rebelde	10000	1200	S Antonio - Bs	CMCO	-	R. Ariguanabo	50
740	Pinar del Rio	CMAC	CMAG	R. Rebelde	10000	1200	Trinidad	CMGM	-	R. S-Spiritus	1000
760	Guanabacoa	CMBD	CMCD	R. Reloj	5000	1200	Palma Soriano	CMJQ	-	C M K C	10000
780	Moa	CMKH	-	R. Rebelde	1000	1210	Mayari Arriba	CMJW	-	C M K C	1000
790	-	-	-	R. Reloj	30000	1210	Chivirico	CMJX	-	C M K C	5000
800	Manzanillo	CMNB	CMDT	R. Progreso	1000	1210	Sancti-Spiritus	CMGL	CMHT	R. S-Spiritus	500
810	Camaguey	CMMB	CMJE	R. Progreso	1000	1220	Guantanamo	CMMD	CMKA	R. Reloj	1000
820	Moa	CMKO	-	R. Progreso	1500	1220	Espana Repcana	CMDM	CMGY	Radio 26	10000
820	Ciego de Avila	CMJB	CMJT	R. Progreso	2000	1230	Australia	CMDN	CMGM	Radio 26	10000
820	Ciudad - Habana	CMBU	-	R. Cd. - Habana	10000	1240	Matanias	CMDL	CMGW	Radio 26	1000
840	Las Tunas	CMLB	-	R. Progreso	5000	1250	Caibarien	CMBN	CMHS	"W"	1000
840	Santa Clara	CMEI	CMHW	"W"	1000	1250	Imias	CMMW	-	CMKS y CMDX	250
840	La Fe	CMOB	-	R. Progreso	1000	1260	Torrientes	CMDO	-	R. Victoria de Giron	1000
840	Santiago - Cuba	CMJL	CMKC	C M K C	1000	1270	Camaguey	CMHD	CMJG	R. Reloj	10000
850	Guantanamo	CMMB	-	R. Progreso	1000	1280	Guaimaro	CMHN	-	R. Rectangulo	250
850	Trinidad	CMGG	-	R. Progreso	1000	1280	Santa Clara	CMED	CMHM	R. Reloj	5000
860	Regla	CMBM	CMCA	R. Metropolitana	500	1280	Havana	-	-	R. Enciclopedia	1000
870	Sancti-Splritus	CMGB	CMHL	R. Progreso	1000	1290	Ciudad - Habana	CMBL	CMBQ	R. Enciclopedia	1000
880	Pinar del Rio	CMAB	CMAF	R. Progreso	30000	1290	Rancho Veloz	CMFO	-	"W"	1000
890	Santa Clara	CMEE	CMHD	C M B F	50	1310	Sagua La Grande	CMEP	CMHR	"W"	1000
890	Santiago - Cuba	CMJE	CMDZ	C M B F	1000	1310	La Fe	CMOL	CMBN	R. Caribe	10000
900	Cococum	CMKB	CMKP	R. Progreso	50000	1320	Pinar del Rio	CMAD	CMAL	R. Reloj	250
910	Camaguey	CMHL	CMFA	R.C. Agramonte	10000	1330	Banes	CMKM	CMDO	R. Banes	250
920	Cardenas	CMDJ	CMGB	Radio Reloj	250	1330	Artemisa	CMCP	CMAD	R. Artemisa	500
920	Pilon	CMNG	-	R. Progreso	2000	1340	Guantanamo Bay	-	WGBY	Am. Forces Radio	250
930	-	-	-	R. Reloj	1000	1340	Cienfuegos	CMFL	CMHU	R. Cd. del Mar	10000
930	Matanzas	CMDD	CMGL	R. Reloj	1000	1350	Puerto Padre	CMLM	CMKY	R. Libertad	500
930	Ciego de Avila	CMID	CMJS	R. Reloj	1000	1350	Aguada de Pas.	CMFM	-	R. Cd. del Mar	10000
940	Matanzas or Havana	CMKD	-	R. Reloj	5000	1360	R. Ramirez Esq.	CMHW	-	R.C. Agramonte	10000
940	Colon	CMDI	CMGU	R. Reloj	1000	1370	Santiago - Cuba	CMJM	CMDV	R. Siboney	500
940	Holguin	CMKD	CMKD	R. Reloj	10000	1370	Nuevitas	CMHX	-	R.C. Agramonte	1000
950	Sancti-Spiritus	CMGD	-	R. Reloj	250	1380	Jaronu	CMHY	-	R.C. Agramonte	10000
950	Arroyo Arenas	CMBE	CMBF	C M B F	5000	1390	Jaruco	CMCM	-	R. Jaruco	100000
960	Ciego de Avila	CMIE	CMJD	C M B F	250	1400	Matanzas	CMDE	CMCX	C M B F	1000
960	Cienfuegos	CMFD	CMHJ	R. Reloj	1000	1400	Guaimaro	CMHV	-	R.C. Agramonte	1000
960	Las Tunas	CMLD	CMDP	R. Reloj	1000	1410	Pinar del Rio	CMAQ	-	R. Pinar Musical	1000
960	Santiago - Cuba	CMJD	CMKL	R. Reloj	1000	1410	Sta. Cruz - Sur	CMHQ	CMJW	R. Santa Cruz	1000
980	Bayamo	CMND	CMDE	R. Reloj	1000	1420	Colon	CMDQ	-	R. Lianuras de Colon	500
980	Guanabacoa	CMBN	CMCK	C O C O	2000	1420	Baracoa	CMMG	-	R. Progreso	1000
980	Moa	CMKO	-	Voz del Niquel	1000	1430	Moron	CMIN	CMJY	R. Surco	50000
990	Pinar del Rio	CMAL	CMAS	R. Guama	1000	1440	Guines	CMCL	-	R. Guines	250
1000	Guantanamo	CMME	CMKB	C M B F	250	1440	Ciego de Avila	CMIL	CMJP	R. Surco	5000
1000	San Cristobal	CMAO	CMAC	R. Guama	500	1450	Amancio R.	CMLN	CMJF	R. Maboas	1000
1000	Camaguey	CMHE	CMJB	C M B F	1000	1460	Nuevitas	CMHO	CMJQ	R. Nuevitas	1000
1010	Sancti-Spiritus	CMGE	-	C M B F	250	1470	Cardenas	CMDP	CMGE	R. Cd. Bandera	1000

Freq	Transmitter Loc.	MC	C	ICRT	Identification	Power
1480	Florida	CMHR	CMJI	C M J I		250
1490	S. Jose - Lajas	CMCN	-	R. Camoas		50
1490	Mayari	CMKN	CMDH	R. Mayari		1000
1500	Holguin	CMKR	-	R. Holguin Musical		1000
1520	Palma Soriano	CMJU	CMKZ	R. Baragua		1000
1530	Moron	CMIM	CMJX	R. Moron		1000
1540	Sagua La Grande	CMES	-	R. Sagua		5000
1550	Camaguey	CMHM	CMJK	R. Camaguey		250
1560	Ciego de Avila	CMIR	-	R. Musical Avilena		1000
1580	Sta. Cruz - Sur	CMHP	-	R.C. Agramonte		250
1590	Manzanillo	CMNM	CMDF	R. Granma		500
1600	Sola	CMHZ	-	R. Cubitas		1000

Logan County Radio

The Virginia Broadcasting Corporation

KLEE AM FM
121 1/2 EAST MAIN
OTTUMWA, IOWA 52501

WPRC
1370 AM

WPRC
STEREO fm 100

Box 190
Lincoln, Illinois 62656

FCC May End Main Studio Regs

by David Hughes

RADIO WORKS
J. S. WEA

Washington DC ... In the near future, stations may no longer have to apply for an "Arizona waiver" if they want to move their studio facilities outside their city of license.

In its 16 October meeting, the Commissioners proposed "modifying or eliminating" main studio and studio origination rules. The plan comes in response to a June petition from an ad hoc group of 14 radio licensees which calls itself the Arizona Justice Committee (AJC).

FCC regulations currently require a radio station's main studio to be located in its city of license. More than 50% of the station's "non-network" programming must originate from that studio or elsewhere in the community of license.

The rules were intended to ensure that a local community has access to a station's main studio. Stations can obtain an Arizona waiver to build studios outside their city of license if they agree to provide at least 51% of their public affairs programming from within the city of license. Prerecorded music programming is exempt from the requirement.

Earlier this year, the FCC found two stations in violation of the rules and fined them \$10,000 each.

In its October proposal, the FCC laid the "modification or elimination of these rules would result in wider discretion for all broadcast licensees in situating their main studios and in choosing programming to serve their audiences."

AJC petition

AJC Legal Counsel Greg Skall, of the Washington, DC law firm of Baker and Hostetler, said the FCC's rule proposal is "good news. We are very pleased with the plan and with the comments delivered by the Commissioners at the (16 October) meeting. They obviously understand our arguments."

The AJC had complained that the

FCC's studio rules were outdated and unnecessary, and maintained that they are contrary to providing the best radio service to the public.

"In the 1950s, when the rules were developed, recording equipment was not as good as it is today," Skall said. "You had to get people into the studio. Today, a studio is where the action is. There is lots of new technology," including remote facilities and satellite links.

The term "main studio" has become useless, he added.

NAB backed the AJC petition in comments it filed with the FCC in July. It said the effects of increased competition in many markets brought on by the growth in the number of stations, coupled with major advances in technology, make the

Amending or deleting rules

The FCC's proposed rule changes would affect both radio and television stations.

According to Terry Haines of the FCC's legal branch, the changes could include either amending the main studio rule to allow a station to locate its main studio within its "city grade" contour or eliminating the requirement entirely.

Skall said the AJC would like the rule to specify a 1 mV/m contour limit.

"The continued relevance of these rules was questionable in the context of current regulatory policies and broadcast station operations," the FCC said. "Remote facilities and satellite transmission capability effectively allow origination to occur from anywhere."

The Commission also said that the rule change would reduce overall construction and operation costs at stations.

Office clause

In its June petition, the AJC argued that stations should only have to maintain an office that is accessible to its community of license and should be allowed to operate a studio anywhere within its prescribed service area.

However, Skall said the FCC's plan may not even require stations to provide such an office. "That clause was our attempt to be conservative," he said. "I think the FCC realizes that requirement would be unnecessary."

Members of the AJC, which was formed as a "single purpose" group, met at the September Radio '86 show to discuss developments in changing the rules, Skall said.

At RW's press time, no comment/reply deadline had been set on the proposal, which is contained in docket number MM 86-406. The rule changes involve rule sections 73.1125 and 73.1130.

The rules were intended to ensure that a local community has access to a station's main studio.

time ripe for a revision of the rules.

The association added that broadcasters do not need a "government mandate" on where to locate their studio, or on program origination, in order to best serve their community.

Skall stressed that rule changes would not affect a station's requirement to serve its community.

FCC Commissioner James Quello added that the rule change proposal "should in no way be construed as signaling an effort to erode what I believe to be a licensee's obligation to serve the needs and interests of the community to which it is licensed."

MUSINGS

Paul Swearingen

P.O. Box 4812, Panorama City, CA 91412

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., or its subsidiaries. Times are local per Muse.

Thank you, Reliable Andy Rugg, we have a Canadian for that time this time. Won't you join us for the next one, if you qualify as an apartment dweller? Your deadline is Nov. 28, should you accept the assignment.

In case you hadn't noticed, I've been paragraphing Musings for several months now, and you can too, if you wish.

Perhaps this issue is the appropriate one to let you know that from now on I intend to use the following abbreviations for Canadian provinces/territories: SWP, YGN, BCO, AB, SAS, PNB, ONT, QUE, NWF, NBR, PEI, NSC. I'm using three letters to avoid confusion with U.S. postal abbreviations, and some are already in general use. Let me know if you have serious objections.

It is on the increase, according to our Musers, and so let's get on with it ...

Andy Rugg - 669 De Gaskin, Apt. 218 - Hans Island, QCR H3G 1J1

My only new logging was on 10-18, when WRAA-1220 prevailed atop CKSO and WFAW between 6:18 and 6:52 pm. New voices are CJPT-530, CJAV-710, and WJFP-1540. When I reported CJPT-530, I queried how they managed to get assigned to the 570 channel and how WJFP-1540 reacted to their existence. Their response was neither as comprehensive nor to-the-point as I hoped. However, the members might be interested in it. They told me this: "WJFP was not pleased about us getting 570 but !! Special circumstances were what you know, lots of hard work, etc., etc." Personally, I remain mystified.

There are rumors of a 2-cent postal increase in Canada for 1987. I will gladly help any U.S. members who need Canadian stamps for return postage. Let me know what you want, send cash, check, or money order, and I'll mail them within 2 days. For \$5 U.S., I can get you a pack of 16 39-cent stamps, and at least a dozen one-cent stamps as a hedge against future rate increases, and cover the return postage as well. For \$2 U.S. and a 22-cent U.S. stamp, I can get you 6 39-cent stamps, several one-centers to cover future rate increases, and cover the return postage. Those conversion factors remain valid as long as the Canadian dollar stays around 72 to 73 cents. If you prefer commemorative stamps, just say so, and I will oblige. It is quite easy for me to help anyone out with Canadian stamps. There's no bank in my office building, so U.S. funds are no problem. The Post Office's Montreal Centre in Montreal is only a 5-minute detour on the way to the 5:42 bus home at night.

I'm at least 95% confident of attending one of the late November QRG's in the Northeast, and I hope to see the usual gang there. Preliminary trials of my Iq-180A at my "prime" location in Pointe Claire were most satisfactory. However, the overload from CKAC-730 was quite annoying. 73.

Stephen H. Ponder - 4105 Glen St. - Bossier City, LA 71112

Greetings once more from the Sunny South, land of opportunity and excitement! It has been quite some time since my last Muse (around two years, I think) so please let me re-introduce myself. I'm 33 years old, still single (but always looking) and serve as Minister of Music, Education, and Youth at a small Baptist church here in Louisiana. I've been a member of the NRC since 1975 but have not been as regular in my contributions to the club as I ought to have been. I have DX'ed from 2 different locations (Charlottesville, VA, and Fort Worth, TX) and have moved back home to Bossier City, where I live with my parents. My latest radio to use in DX'ing is a Toshiba KF-F11 (same as a Kenwood FT-11) which I bought at a local hamfest for \$30 (including AC power adaptor). It's a superb performer, rivalling the performance on HW of my Hutton-modified TRF1. I carry it with me to the club on each day and try to DX some during lunch and in the afternoons. At home I use my very best receiver, a Heath GC-1A Monicon and a Radio West ferrite core loop antenna. I also have a radio operator (Novice - K4500R) working mostly 40 and 80 metres. I have not kept the roll of records in my DX pursuits, but I credit all my record-keeping abilities and memories to Ron Schiller, who was my DX "Elmer" when I lived in Fort Worth. Thanks to him, I really got the ball rolling in DX'ing. Well, I guess that's about my limit for this time. Hope to see you in future pages of DX News. Until then, good DX and 73.

Guy Kudlenyer - Eugene, OR

The season is off to a good start here with 5 new stations being heard on 10-10-27. They are: CKDA, CKQR (both on their new freqs.), KMAK, KBB, and KLLB. So far, I'm averaging 1 hr, 40 mins. per new stations - not a bad statistic (for now)! (That's interesting - anyone else like to estimate and share their new station per minute average?) Unfortunately, with all the call letter and power changes going down these days, it seems to spend more time updating my log than I do DX'ing.

Speaking of updating, I really appreciate the efforts of all the editors of the various clubs who spend time preparing columns to keep us abreast of all the new changes. However, one column I seem to continually have trouble with is the Canadian info presented by Gene Oldfield. Not that I don't find the info to be timely or interesting; I just find it difficult to have difficulty reading it. Could it be that a new type-writer ribbon is needed? If that's

the case, I'll personally volunteer myself to become head of a committee dedicated to locating funding for a new ribbon for said editor since I don't want to miss any of the "Knows", especially after John has taken the time to prepare the column. It's "about" time, eh?

Another column I find to be extremely interesting is the one written by Alice Brannigan, which appears monthly in **Popular Communications**. I think all those photos and postcards of olde-time radio equipment and stations and the mystery of trying to identify nameless stations from the '20's, '30's, and '40's is really intriguing. I always read Alice's column first, followed by the AM/FM section by Mark Manucy. Any other Alice fans out there? (You know it! -pls)

When I first met my girlfriend, she thought my DX'ing hobby was really dumb, saying that anyone who relished listening to static for hours on end must really have peanut butter between the ears. When she realized that I refused to give it up (even for her!), she decided she'd make an effort to tolerate it. Even when I tell her I'd rather stay home once in a while on a Friday night to DX instead of going out with her, she manages to find something good to say about the hobby (although I don't always think she believes it). I know one DX'er one time whose wife thought so little of the hobby that she made him keep all the equipment out of sight in a closet. He had to re-wire to get electricity to the closet for lights and power for the receivers. He had to knock out a wall to make it big enough to get a small desk in to put his equipment on. She made him sit in this little 6' x 8' box with no heat every time he wanted to DX. Still, he persisted, and after about 10 years, they bought a new house and he had a special DX room added during construction. Anyway, Paul, perhaps that would make a good "theme" for Musings: "What does your spouse think of the DX'ing hobby, and how did you win him/her over to allowing such an offbeat hobby into the house?" (or something similar to that.) (Add "girlfriend" to that and we'll use it for #17 in January -pls)

Be back with more when it happens.

Roger Winsor - 302 W. John - Champaign, IL 61820

(GE Superadio and 2' homemade diagonal loop) Much DX to report as cx move into winter. 10-19: Log on WBVG-930, asking many questions. WQRX "Radio 87" in 5:45-6:15 pm, s/off. No SSB. WMXY-720 easy u/WGN to 6 pm off with Wolfman Jack, "AM-72". WCWY-740 seems to make it fairly often around 6:30 pm while on low power. Shocker at 10 pm, WDCC-630 with series and ID all alone.

10-20: WBZE-1030 in with wx/traffic and mx to 7:35 am fadeout. CJPT-530 easy with "Stereo AM 53" ID's and rock music. 250 watts goes a long way on a clear channel. (Depending upon ground conductivity, CJPT could have a potential coverage pattern the same as a 50 kW'er on 1580 - see p. 7 in the Night Pattern book for a chart of relative power relationships -pls)

10-23: CHAM-820 great level 5:30-5:50 pm with c&w mx and several Burlington Toyota ads.

10-24: KMMT and WYLO in 7:20 pm on new low night powers. Sure wish an update of all these powers could be printed. KBRQ-1280 CO in 7:46-8:00 pm with c&w mx and ads. Alone and strange to hear 1,000 miler on a regional channel.

10-27: Great cx - CUSB-540 Ottawa in during CBK s/off at 1:12 am, mixing with KMMT after. CKJS-810 also in at 1:19 am, rock mx/aos. CJKA-1220 alone with CIA mx and then a real shocker, KDKO-1510 with 725-KDKO phone #. First time since 1965 hrd. here! KSRA in weakly 2:06-2:20 am with march mx and short TP, much CKWS QRM. KLCY not hrd.

10-30: KPRM-870 in at 7:30 am with local obits but soon faded. 6 new stations in 11 days - great.

Verie from WQAM only new verie but several reports out. Total 2965 hrd. Good to be back weekly again. Hats off to everybody who helps make this DX club click.

John R. Malicky - 995 Shadycrest Road - Pittsburgh, PA 15216-3023

Finally, here is a revised version of my trip into Pennsylvania. For those who remember last year's "The Pennsylvania Expedition", I planned and visited 30 stations this year to and from New Castle-NRC Convention along the way all in my Keystone State. As I did last year, I mailed 37 postcards to alert stations of my visit, failing only to make it to 6.

My objectives were the same: choose most stations I previously veried; meet my v/s and station personnel; and inform them further about DX and the NRC. The extra bonus for my time was the "plethora" of promo items I received as almost all had b/s, five (WQXA-WDBG's FM, WQSA, WCOJ, WYIS, and WEIZ) gave out T-shirts, though WYIS charged \$5 for one; and a most treasured gold cloth banner from WKVA! Also as last year, I showed them my verie books, handed out my "DX" cards, receiving most of their business cards in return, showed them our Log Book with their respective position on the dial, on my return trip handed out '85 DXN back copies that were free, given out at the convention, and as an added bonus gave each station our "Guide to DX". In August and at the convention, I called upon the services of Kermit Geary, George Greene, and Laura McCusker for directions to my destinations. I asked and wrote to them because I knew they would be familiar with most station locations, Laura because of her previous employment at WKVA. This really helped, so to Laura, George,

and Kermit, thank you very much for your helpful information! Another bonus was coaxing needed veries from three stations, WCBG, WYIA, and WED. Basically, all were friendly. Finally, most names were sent to Wayne, and any elaboration on programming was sent to Tony.

Beginning Wednesday, August 27, I depart Pittsburgh for WAXI-1330 on the southwest edge of Somerset, meeting my v/s from April, '86, Ron Lorenzo, (W/C) and owner. Formerly 19 years as Jeannette's WJAC-TV news anchor, Mr. L. and a partner (since gone) put this 1000-watt daytime on the air on October 15, 1981. The studios and transmitter, and Harris M5B (5 kW), are in the original two-story ranch house in front of a two-tower array. The very good and clean sound of the AdCon format is automated, except in the morning when there are two DJ's, one of whom I also meet, Arnie McFarland. Also, in Mr. L's opinion, AM stereo will be dead in a year. Before I go, I show Mr. L our Night Pattern Book which he enjoys and wants to order!

Visited last year, I'm at Bedford's WAYC-1600 to see the NRC's John Cessna and his father, Harold. Operating three businesses including WAYC, John says he will take time out some day to attend a convention.

Later, I come to the small town of McConnellsburg and find a wooden call sign marking the home of WFCP-1530, the Voice of Fulton County. Backed by a 186-foot tower, the 1000 watt daytime is located in a mobile home. One actually travels back in time as the old Gates transmitter sends out the all-country sound played on 33's and 45's. My v/s from Nov. '85, PD J. B. Nelson, is gone for the day, so I meet a pleasant midday DJ, Steve Ford.

Rain has stopped as I arrive at WCBG-1590 on "Radio Hill" Route 30 about two miles west of Chambersburg. A large WCBG and NBC sign sits atop a three-story building shared with a repair shop. The entrance is in the back as I meet an energetic woman, Mrs. Molly Darr Messner, VP and GM, who along with her husband co-own the station under the title of Four-states Broadcasting. Format is AdCon as Molly hosts her own talk show, "Molly and Me."

Before leaving I show her another report of WCBG from April, '84 and three weeks earlier that's gone unconfirmed. With a bit of explaining, Mrs. M. makes a note to pass it on to Bob Huff, PD. Sure enough, about 3 1/2 weeks later, Bob comes through! (TBC next issue).

Charles A. Taylor - P. O. Box 346 - Grifton, NC 28530 (919) 524-5760

Some corrections to remarks in my last Musings (10-20): Radio Marti wasn't a conception of VOA, but was to be a separate station entirely. It has a separate line of management within the USIA. Also, for anyone who is interested, this is the current sked for Marti on SW: (UTC) 0930-1200 GB 6075; 1200-1400 BY-9590, 1400-2300 GA-11930, 2300-1300 BY-9525. BY is VOA relay, Bethany, OH; GA is VOA relay site A, Greenville, NC, and GB is VOA relay site B, Greenville, NC.

Since I've missed every theme in Musings that might even be remotely applicable to me, I'll just do an intro: Have been a member of NRC since around 1960, except for minor breaks. Wife is Lenor, from the Philippines. She is very tolerant of my DX activities (she has to be, since she has equally lunatic activities of her own which require my tolerance, hi). Am pushing 40, and I started this hobby of MW ECB DX at 12 years old. We have four children, all teens. Call is WD9INP, and I hope to get on 2 meters again soon. Am a Navy vet ('66-'72) and was a Navy employee 1976-'86. I continue as a U. S. civil service employee, but now with the VOA, at the Greenville relay station where I'm a transmitter tech. Hope to get a tour at one of the VOA overseas relay sites within two years. Have DX'ed from Indiana, Illinois, California, Washington, Bermuda, Vietnam, Philippines, and Japan. Began collecting DX tapes in Bermuda in 1980. Since then, I have assembled a DX tape library of DX in Bermuda; Okinawa, Japan; Whidbey Island, Washington; and here (AC). Have DX'ed on auto radios, AC/DC sets, transistor portables, and communications receivers. The permanent setup is an R-390A with a 60-ft. longwire and an SM-2 Space Mageot (as I affectionately call it), along with a stereo cassette recorder and a Drake SPR-4 reserve receiver. I first met the R-390A receiver in the Navy's Electronics Technician school at Great Lakes, IL. I DX'ed on that receiver frequently in the Navy until acquiring my own in 1976. The NRC has another DX'er/infiltrator at VOA, in Jim Headlee of Ropesonville, NC. Dad, is nothing safe from the dreaded (shudder) ECB DX'er? Hope to report more often. 73 de Charlie.

William C. Moser - Box 6 - Lake Preston, SD 57249

During the first two months in my new QTH, I have logged 294 AM stations on my Zenith K731. The most interesting was the DX test from KSRA-960. Although their signal was under both CPAC and CKWS, it was easy to distinguish the march music and the tones from the Canadians. KLCY was not heard. WKY's signal on 930 is quite potent here. Thanks to Carl Dabelstein for these and forthcoming broadcasts. The latest logging is of WVAI, apparently making the move from 800 to 660 on October 31. They call themselves "W-1010" and play oldies, with a legal ID on the hour followed by NBC news. The signal has moderate daytime strength, but continuous interference from KCRO in Omaha. The breakdown by state and provinces is as follows: AL 1, AR 3, CA 3, CO 17, GA 1, ID 1, IL 13, IN 1, IA 29, KS 11, KY 2, LA 2, MA 1, MI 2, MN 44, MO 15, MT 4, NE 12, NV 1, NM 2, NY 2, ND 12, OH 6, OK 6, PA 3, SD 30, TN 2, TX 6, UT 5, VA 1, WI 18, and WY 5. ALB 12, MAN 2, ONT 11, (CB 2, and SW 8). There are also two Mexicans in the log. There are four frequencies which have yielded only one station so far. WVAI can be nulled on 570, but no other station has been nulled.

enough to be identified yet. WLN can be nulled on 700, but nothing else has been heard on this frequency. The KELO signal on 1320 is too potent for anything else to penetrate. And on 1500, the only thing heard in KSTP's null has been SS broadcasting I have not been able to identify. Only two reports have been mailed so far; KSRA and WVAL. Now that unpacking and settling in are about over, I will have a little more time to devote to this phase of the hobby. A happy Thanksgiving to all of you from Dakota Territory.

Albert S. Lobel - P. O. Box 26762 - San Diego, CA 92126 (619)566-0092

I am very much interested in hearing from other BCB DX'ers as to how the 1987 ANARC Convention can be made more interesting to BCB DX'ers. It has been said in the past that ANARC is too shortwave-oriented and could care less about the BCB DX'er. I want to change this image of ANARC once and for all. Send your comments and suggestions to me. Besides being IRCA's ANARC Representative I will be on the Committee for the 1987 ANARC Convention to be held in Huntington Beach, CA (only about an hour's drive from my QTH). Let's all make the 1987 ANARC Convention one which will go down in history as the best BCB convention of all time. After all, ANARC stands for Association of North American Radio Clubs, not for some agency that advocates the overthrow of the United States government. If you call by phone, the best time to call is between the hours of 1930 and 2130 weeknights. And no, I will not accept your collect call! (Albert, the 1988 convention, not 1987, will be held in California -pls)

It will be quite interesting to hear some of Radio Moscow on BCB is the proposal made recently by the Soviet Union to be able to broadcast some of their news on our BCB stations over goes into effect. I feel it is about time we were able to hear the other side, too. After all, those of you who are also shortwave listeners know that not everything Radio Moscow says is propaganda and not everything our news networks say is also the whole truth and nothing but the truth. In order to get a rounded view we must listen to both sides. 73 and good DX.

Warren E. Greenberg - 145 Cottage Road - West Roxbury, MA 02132

Since it has been a while since my last Muse, here is a re-intro. I am 29 years old and employed as a senior field service engineer for Telco Systems Fiber Optic Corp. Our main products are digital multiplexers and fiber optic transmission gear for both the Bell operating companies and independent phone companies. Because of work I haven't been able to make the last two conventions. Right now it appears I will be at Ray's GTG this Thanksgiving weekend. Since June of 1985 I have been on the road almost constantly. I have been home in MA about 30 days. Since being on the go, I haven't had much time to do much DX'ing. More next time.

Ronald Purdue - Route #1, Box 224, Byron, MN 55920

Time for a SUPER MUSE! I am finally logging TA D' with the FVG-8800 with the 130' LW. The big news came on the night of the 24th when I logged R. Commercial from Lisbon, Portugal, on 1035. And there were hets on 1007, 1044, 1062, 1107, and 1593. The 1062 het is possibly Portugal but KYW-1060 in Philadelphia was too strong.

But this is not all. I have bagged European and N. African longwave stations for the first time. Morocco was first heard on 209 kHz with AA talk and AA vocal mx. Then there was Monaco on 218 with pop mx and FF talk. The distant lightning static took the joy out of longwave DX that night!

I am hoping that I will bag new stations deeper inside Europe and Africa during the Winter DX season. If I keep my fingers crossed, I might even get Germany on 1593, Egypt on 1107, and maybe even Saudi Arabia on 1521.

I am still waiting for the reprint from the NRC Publications Center which I ordered last July; I was supposed to get them in early September but never got them. I am hoping that I will get the reprints as soon as possible. (Maybe the USPS strikes again?? -pls)

I hope that my next Muse will report on more TA DX. So see you in 30. 73's.

Bob McCoy - 4618 Cooper, #6 - Lincoln, NE 68506

Well, summer doldrums on the BCB are finally over, so I guess it's time to get with the program and Muse! I've changed job assignments, receiving a promotion and now am supervising the security post at a manufacturing plant. My hours are still night time, but the end of the shift comes a bit later, so SRS may be a little sparse for awhile. I've been able to catch a few things, so now the enthusiasm is flowing. I was off 10-15, so I tried a little DX at 4:10 am, CLIT; there was the faint sound of religious music on 1610, so I thought I would try another old friend on 535, Grenada. Nothing there, but 530 was carrying the CJFT relay of CJRN, just as I had read in DXN! The signal rose then fell in strength, until after 4:30 when CJFT broke away on their own with "Stereo-53" ID's. I got so carried away that I even sent a reception report and received a nice verbe letter and bumper sticker. I am at work during the times of the DX tests, but I have been "on" on my remote timer set-up with some success. The KSRA test came in fairly well on 10-27 by this means. I was "daring" and took my TRF outside the main entrance to the plant for a few minutes and caught the test live almost immediately that way. The KUYO test on 9-15 was kind of a bust, but I had been hearing them last spring at sunset every night, so it wasn't

the end of the world. They may actually have been on, but only running open carrier without any ID. I heard WOOD and the signoff of R. Belize as well as a noticeable OC. I've acquired a few little electronic projects to fool with. One is to enlarge the case opening for the earphone jack on my digital Superadio and to find a way to eliminate the noise from the display; another is to restore a little G. E. P1990A multiband I got from the Salvation Army for 50 cents. Anyway, now we're back on the dials. 73's.

Jim Paige - 8309 Constitution, Apt. 202 - Sterling Heights, MI 48078

Hi again. This will be my first Muse in about 2 years so I think a re-intro is in order, then on with the news. I'm 23 years old and have been DX'ing since 1978, primarily on AM and shortwave, and to a lesser extent TV when conditions are right.

I work for a company that cleans up after fires and floods. We also clean carpet and upholstery. I've been there for about 3 years. Before that I worked at WIMO AM 1300 in Winder, GA as a disc jockey and everything else, too. I remember my airshift before I left was 7 1/2 hours a day, 6 days a week. Needless to say, a mild case of employee burnout set in.

My single life also came to an end this year, as Gerri and I tied the knot August 16. We spent the honeymoon in Myrtle Beach, SC, with a side trip over to Winder, GA, then to visit friends in Williamsburg, VA.

I had a chance to do a lot of DX'ing on the trip with my most surprising results on the beach.

Daytime DX was good with a lot of coastal stations heard like WBEL-740 Morehead City, NC, WPGS-840 Mims, FL with religious programming, WSSB-1230 New Smyrna Beach, FL, and WROD-1340 Daytona Beach, FL among the highlights. A handscan from Myrtle Beach will soon be sent to John. One strange occurrence happened while staying in Williamsburg. I was picking up harmonics of WYFR, BBC, Radio Nederland, and others all over the AM band. I was listening on a "Jam Box" with no shortwave bands. Any ideas as to how I picked them up?

I guess I have heard about 1500 AM stations, but I haven't counted in a while. In my totals I count stations that I hear wherever I go, no matter where I go. I know a lot of members only count stations in a 25-mile radius, but I figure since I'm keeping the records, I can do it the way I want to. So I don't add my totals to any of the club lists, because it wouldn't be an accurate count of what I've heard from or where.

I for one enjoyed the FM column this summer and will enjoy it next year, too. Has anyone considered maybe a column for TV DX, for E-skip only? Or is that taking things a bit too far? I had fun this year with TV DX, receiving many new ones from Florida, Louisiana, and Texas. It was my first experience with E-skip in Michigan.

I received only one FM station this summer via skip; 'ha' wa' KS'L-93.5 Lubbock TX. There's just too many locals on FM to do any good DX'ing.

Locally, CHYR-710 Leamington, for some reason, doesn't switch over to 730 kHz any more. Don't know why but I'm glad because 730 now is wide open for DX possibilities. I've already received WJLL Lenoir City, TN, WPAL Charleston, SC, and WHTC Vanceleve, KY on a regular basis, with one new one being CKOM Dauphin, MAN, 10-31 at 7:27 pm EST with news and a commodity report. WPCN-1460 Pontiac, MI plays country music from 5:00 pm-10:00 am 7 days a week.

The other daytime hours are filled with ethnic programs. Strange, yes, but WPCN sells air time to whomever, and a local saloon buys the time for country music. Their slogan is "High Kicker Country 1460". Many of the old WNCI jocks are there now, while Deano Day went to "US 99" in Chicago. WNIC-1310 will soon be WGMT, adopting a satellite feed, Motown format. WERB-1430 Mt. Clemens has been back on the air for some time with MOR music and a heavy emphasis on local events. CKIA-FM has come up with almost a 1970-type format, trying to sound exactly like "CK" did back then, bringing back the 20-20 news, and rhyming words in the newscasts, to the super cool deejays. It's fun to listen to but not doing well in the ratings. One other program note: local wrestling promoter George Cannon has a radio program on CKWV-580 Windsor every Sunday from 6:00-8:00 pm. It's pretty interesting if you like wrestling. I listen in every week.

I'll keep everyone posted about WFXZ-1030 Sterling Heights, MI as to their air date and everything, but so far I haven't seen hide nor hair of them. Nothing mentioned in the local paper, either. I've cut out a lot of articles from the paper that I've sent to HQ. A lot of interesting stuff.

Before I go, if you're ever passing thru Detroit on I-75 or on I-94 right by the I-75 intersection, tune into 1200 kHz for WAYN, the Wayne State University Station. They run only about 5 or 10 watts and can be heard only maybe about a mile from campus.

No more for now, except I have planned a trip to Georgia for Thanksgiving, and I plan on doing a little DX'ing while I'm down there. 73's.

Paul Swearingen - Canoga Park, CA

KOAL-750 UT is now on nights with csw format; sounds like a full 10 kw but can be nulled to pull out KAMA-750 underneath. Although the era of the long-haul clear channel is ended, I can still hear eight stations over 1,500 miles away on clear channels 650, 730, 780, 830, 840, 890, 900, 1500; plus 1610's Caribbean Beacon at approximately 3,550 miles. Add to the list 540, 820, 880, 1040, and 1080 each at over 1,400 miles and I have 14 listenable long-distance clear channels. I'll let you know when I add 530 ... the yell should carry across the continent, hi! 73.