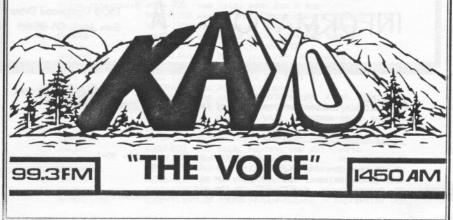


IN THIS ISSUE: DX TEST .. 2, BROADCASTING INFORMATION .. 2, DX WORLDWIDE W-EST ... 5, DX WORLDWIDE EAST ... 6, WESTERN DX ROUNDUP ... 8, CENTRAL DX ROUNDUP .. 10, EASTERN DX ROUNDUP..13, GEOMAGNETIC INDICES..18, WESTERN DX FORUM .. 19, EASTERN DX FORUM .. NO REPORTS, NADXC BY ANARC.. 21, FM STATION ATL-AS AD..22, BACK PAGE DUES INFORMATION AND CLUB OFFICERS..... REJOIN: JIM ALBRECHT 3313 N WEIL ST, MILWAUKEE, WI 53212. RENEWALS: RI-CHARD EVANS, JOHN SAMPSON, GARY SIEGEL, STEVE RATZLAFF, ELLIOT STRAUS. A WELCOME BACK TO JIM AND THANK YOU ALL ... IRCA REPRINTS: A LIST OF REPRINTS FROM IRCA REPRINTS C/O STEVE RATZLAFF 1885 EAST BAYSHORE ROAD #90 EAST PALO ALTO CA 94303 IRCA BOOKSTORE: SEND FOR THE IRCA BOOKSTORE FLYER. FLYER HAS STATIONARY IRCA ALMANAC, TECHNICAL GUIDE PLUS MORE. 9705 MARY NW SEATTLE WA 98117. CANADA POST: FROM SHAWN AXELROD A NOTE TELLING OF THE INCREASE IN POST-AGE RATES IN CANADA. RATE INCREASE WILL START MARCH 1, 1994 AND WILL BE 50¢ TO MAIL A LETTER TO THE USA AND 88¢ FOR OVERSEAS. SHAWN WANTS ME TO SEND HIM WARM AIR, HOW ABOUT SOME 70 DEGREE SHAKING AIR SHAWN. IF YOU WANT WARM AIR YOU MUST TAKE THE SHAKING GROUND WITH IT. A BAD WEEK ... MOVING: RALPH IS GOING TO MOVE. THE IRCA ADDRESS WILL STAY THE SAME, NO CHANGE. MOVING TO A MOBILE HOME ON MY WIFES MOTHERS 4 1/2 ACRE PIECE OF GROUND. I CAN SEE LONGWIRES AND NO RENT WHICH MEANS MORE MONEY FOR FISH ING TACKLE AND RADIO STUFF. LOTS OF WORK TO DO IN THE WEEKS AHEAD GET-TOGETHER: BRUCE AND EVELYN PORTZER'S FEBRUARY 19th BEGINNING AT 1PM AT 6546 19th AVE NE SEATTLE, WA 98115. FOR MORE INFO CALL 206-522-2521. ******* ********** ************



DX TEST BULLETIN

* DX TESTS ARRANGED BY IRCA AND NRC *

SATURDAY, JANUARY 29, 1994 - WADV-940, P.O. BOX 940, LEBANON, PA 17042 WILL CONDUCT A DX TEST BETWEEN 2:30 & 3:00 AM EST. FROM 2:30 - 2:40, THE TEST WILL BE AT A POWER OF 1,000 WATTS, FROM 2:40 -2:50 AT A POWER OF 5 WATTS, THEN BACK TO 1,000 WATTS FOR THE LAST 10 MINUTES. THE TEST WILL INCLUDE BLUEGRASS, SOUTHERN GOSPEL MUSIC, AND MORSE CODE ID'S. WE ARE ALSO WORKING ON A TEST FROM WADV'S EXPERIMENTAL STATION, KA2XAU-1620. RECEPTION REPORTS MAY BE SENT TO: MR. CRAIG BAKER. (ARRANGED BY THE NATIONAL RADIO CLUB CPC)

MONDAY, JANUARY 31, 1994 - WTRN-1340, BOX 247, TYRONE, PA 16686 WILL CONDUCT A DX TEST BETWEEN 12:30 & 1:00 AM EST. THIS TEST WILL BE SIMULCAST ON WFRM-600, COUDERSPORT, PA, AS WELL AS WFRM-FM 96.7, AND WGMR-FM 101.1. THE TEST WILL BE AT A POWER OF 1,000 WATTS & WILL INCLUDE MARCH MUSIC AND MORSE CODE ID'S FOR ALL FOUR STATIONS. RECEPTION REPORTS MAY BE SENT TO: MR. ROBERT H. LYNN - CHIEF ENGINEER. (ARRANGED BY THE NATIONAL RADIO CLUB CPC)

MONDAY, JANUARY 31, 1994 - WFRM-600, COUDERSPORT, PA WILL CONDUCT A DX TEST BETWEEN 12:30 & 1:00 AM EST. THIS TEST WILL BE SIMULCAST ON WTRN-1340, TYRONE, PA, AS WELL AS WFRM-FM 96.7, AND WGMR-FM 101.1. THE TEST WILL BE AT A POWER OF 1,000 WATTS & WILL INCLUDE MARCH MUSIC AND MORSE CODE ID'S FOR ALL FOUR STATIONS. RECEPTION REPORTS MAY BE SENT TO: MR. ROBERT H. LYNN -CHIEF ENGINEER. (ARRANGED BY THE NATIONAL RADIO CLUB CPC)

MONDAY, JANUARY 31, 1994 - WFRB-560, ROUTE 2 BOX 373, FROSTBURG, MD 21532 WILL CONDUCT A DX TEST BETWEEN 1:00 & 1:30 AM EST. THE TEST WILL INCLUDE MORSE CODE, TEST TONES, AND VOICE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. ROBERT MAY - ENGINEER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, JANUARY 31, 1994 - KBLG-910, 2075 CENTRAL AVENUE, BILLINGS, MT 59102 WILL CONDUCT A DX TEST BETWEEN 2:00 & 2:30 AM EST. THE TEST WILL INCLUDE MORSE CODE AND VOICE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. LEWIS MUNN - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, JANUARY 31, 1994 - WFAW-940, P.O. BOX 94, FORT ATKINSON, WI 53538-0094 WILL CONDUCT A DX TEST BETWEEN 2:00 & 3:00 AM EST. THE TEST WILL INCLUDE MORSE CODE AND VOICE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. CLIFFORD J. GROTH - DIRECTOR OF ENGINEERING. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, FEBRUARY 1, 1994 - WYNI-930, 201 OFFICE PARK, MONROEVILLE, AL 36460 WILL CONDUCT A DX TEST BETWEEN 2:00 & 2:30 AM EST. THE TEST WILL BE AT A POWER OF 5,000 WATTS & WILL INCLUDE MARCH MUSIC AND MORSE CODE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. HAROLD HARRIS. (ARRANGED BY THE NATIONAL RADIO CLUB CPC)

BROADCASTING (((()))) INFORMATION



Editor: Robert Wien 1309 Dentwood Drive San Jose, CA 95118

Compiled: 01/18/94 DEADLINES: 2nd & 4th Saturdays. Much of this information was compiled from M Street Journal, DXM, and various other sources.

CONSTRUCTION PERMIT ACTIVITY:

ME. Skowhegan		
MI. Elmwood Town	ship WLJN-1400 dec. to 640/	640, ND
NC. Winston-Sale	m WPIP-880 on the air	
SC. Columbia	WCTG-840 on the air	and the second se
AB. Wainwright	CILW-1230 moves to 880) khz., 10000/6500 DA-2

FACILITY & PARAMETER APPLICATIONS"

AL.	Demopolis	WXAL-1400	790/790
	Hanceville	WRJL-1170	increase to 8500-D
KS.	Liberal	KSCB-1270	30-N, ND-N
KY.	Middlesboro	WMIK-560	increase to 2500-D

FACILITY & PARAMETER GRANTS:

CA. West Covina KGRB-900	1000-N
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CALL LETTER CHANGES:

CA.	Captiola	KLAU-1540	becomes	KMBY		
	McFarland	KXEM-1590	becomes	KSUV		
	Soledad	KQKE-700	becomes	KSUR		
1	Vallejo	KNEA-1190	becomes	KXBT		
00.	Thornton	KRZN-760	becomes	KTLK		
CT.	Bristol	WBIS-1120	becomes	WPRX		
IA.	Des Moines	KGGO-1460	becomes	KDMI		
MS.	Biloxi	WXLS-1490	becomes	WXBD		
NC.	Raleigh	WKIX-850	becomes	WYLT		
OR.	Tillamook	KTIL-1590	becomes	KMBD		
AB.	Wainwright	CILW-880	becomes	CKKY (moves	from	1230,
		there is :	some con	fusion here,	CKKY	is
		already of	n 830!	Can anyone cl	arify	?)

FORMAT CHANGES:

AL.	Birmingham	WATV-900	was	urban AC, talk,, adds SMN urban
	Brantley	WLVN-1080		country, now silent
AR.	Batesville			country, now oldies
	De Oueen			AC, now country//FM
	Dumas			country//FM, now south. gospel
CA.	Indio			KUNA, SS, now Unistar stds.
un.	Sacramento			C&W, to be KHTK, Unistar talk (3/7)
	San Rafael			AC//FM, to be stds //KJQI
	Soledad			KOKE, C&W//FM, now class.//FM
	Vallejo			KNBA, country, now urban (now
	variejo	NAD1-1150		bo with KUIC-FM Vacaville)
	Bristol			nx/talk, now SS
FL.	Boynton Beach			urban AC, adds SMN Urban AC, ABC Joyner
	Fort Myers			south. gospel, now C&W//FM
	Jacksonville	WQIK-1230		country//FM, now talk, sports
				n. FM AM's, then UTN, IBN, BRN, ASN,
			FT,	WW1 nets)
	Lake City			black gospel, now Unis. stds.
	Saint Petersburg	WSUN-620	was	talk, adds Ron & Ron
	Tampa			AC//WUSA, now country "Froggy 1250"
GA.	Dallas			country, gospel, now silent
IL.	Urbana			urban gold, adds ABC Joyner
IA.	Albia			country, now EZL
	Des Moines			KGGO, rock//FM, now religion
	Indianola			s. gospel, now JSN country
	Iowa City			AC, adds JSN Soft AC
KS.	Dodge City	KGNO-1370	was	AC, now country
KY.	Central City			oldies, now country
	Pikeville	WLSI-900	was	oldies//WRAU, now country//WZLK
	Pineville	WANO-1230	was	country//WRIL, now country
LA.	De Ridder	KDLA-1010	was	talk, now JSN AC
	Hammond	WPFR-1400	was	country, ads JSN country
ME.	Bangor	WZON-620	was	talk, sports, now all-sports
MD.	La Plata	WMOM-1560	was	country, now AC//FM
MI.	Whitehall	WEFG-1490	was	country//FM, now Unis. Hot country
MS.	Aberdeen	WWZQ-1240	was	soft AC//FM, now temp. silent
MO.	De Soto	KHAD-1190	was	country, now south. gospel
	Marshfield	KMRF-1510	was	country, now silent
				3

-

	Mountain Grove			religion, now gospel //FM
	St. Louis			nx/talk, adds EFM talk
				CHR//WKBQ, now country//WKKX
MT.	Whitefish	KJJR-880	was	country, now Unis., EFM talk
	Silver City			AC, now silent
	Albany	WPTR-1540	was	nx/talk, now talk "Talk Radio 1540"
		WROW-590	was	softAC//Fm, now nx "Nx Radio 590"
	Canandaigua	WCGR-1550	was	country, now oldies
	Elmira Heights			AS, adds Unis. stds.
NC.	Lumberton	WTSB-580	was	religion, now s. gospel, C&W//FM
	Raleigh	WYLT-850	was	WKIX, stds., remains stds "Lite 85"
			(to	move to local 50's/60's stds. format)
	Williamston	WIAM-900	was	country, talk, now religion
OK.	Sallisaw	KKID-1560	was	silent, now country
	Corvallis			AS, now JSN oldies
	Tillamook	KMBD-1590	was	KTIL, country/AC, now talk (SFM,
				, For The People)
PA.	Altoona	WFBG-1290	was	soft AC, now Unis. stds.
	Emporium			oldies, C&W//Fm, now Unis. oldies
	Hughesville	WMRE-1190	was	stds.//FM, now religion//WJSA
	Oil City	WKQW-1120	was	oldies//FM, now JSN soft AC
SC.	Clinton			variety, now Unis. country
	Hartsville	WHSC-1450	was	country, now sports (station on
	State and the state		air	from 6PM-8PM only daily (ELT!)
TN.	Brownsville	WNWS-1520	was	nx, now country/talk
	Fairview	WPFD-850	was	silent, now SMN Real C&W
-	Germantown	LATLET 1420	100	silent, now new rock
IN.	Rockwood			country//FM, now s. gospel
mv	Big Spring			AC, stds., now pountry//FM, talk
1.	Dallas			nx, talk (nights), adds talk 9 AM-
	Dallas	NKLD-1000	3 P	
	Greenville	KONT -1400		talk, now country
178	Brookneal			country, rptd. silent
vA.	Portsmouth			urban AC, adds ABC Joyner
1.11	Wheatland			AC//FM, adds JSN AC//FM
				stds., ethnic, now ethnic variety
BC.	Vancouver	CHQM-1320	was	scos., echuic, now echuic variety

Pat Martin of Seaside, OR. and Gary Jackson of Sacramento, CA. (via Pat) send along the following tip:

BC. Vancouver

CKBD-600 was CHRX, oldies, now Contemporary Xtian "Vancouver's 'Bridge')

Pat sends along the following tip:

OR. Waldport

4

KORC-850 to move to 820 khz., 1000/15 on 1/19/94

J.D. Stephens of Huntsville, AL. sends in a tip confirming the fact WWZQ-1240 Aberdeen, MS. is silent, which confirms earlier info reported in this column.

Thanks, Gary, Pat & J.D.! This was a very long column, the FCC is back into the normal swing after the New Year, a lot of the info here may be a bit passe (such as KMBY-1540, which changed in September but not rptd. till now!), but it should be normal now. 73's.

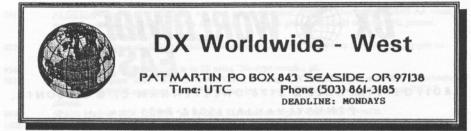
IRCA Reprints

The IRCA maintains a large file of articles which have appeared in past issues of DX Monitor. These articles cover a wide variety of topics, including: antenna theory and construction, tips for the foreign BCB DXer, how to improve your DXing skills, history of DXing and broadcasting, lists of stations by subject, construction projects and receiver modification, receiver reviews, medium wave propagation, and more. Copies are available for a nominal charge. For a list of reprints, send \$1.00 to:

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Just a short one again this week. I did hear the new frequency for Radio Fiji One on 1152 KHZ. Sounds like it is either 5 or 10 KW by signal.Also a quick log of Radio Santa Fe-Colombia on 1070, but I didn't have the recorder on. Oh well, next time. On with reports.

PAN-AMERICAN DX ROUNDUP

- 820 MEXICO, UNID w/CST TC at 1257 12/31,then NA at 1300. (LG-MT) 970 MEXICO, Cd. Juarez-XEJ. I hrd this here, but 790 as reported.
- Also reception date was 12/14 not 12/4. Sorry. (LG-MT) 1180 CUBA, with pretty chimes and woman w/EE ID "Radio Taino on your dial,the Caban ????" at 0928 1/9 (LG-MT) UNID, With IS consisting of three pips (2 low,1 high) sim. to NHK pips, at 0330 1/11. Cuba??as it was in two minutes later, but I also wonder if could be in a country with 1/2 hr time diff. in UTC (LG-MT)
- 1590 <u>MEXICO</u>, Ensenada-XEHC BCN 1/3 1400-1406. Strong at s/on with KLIV off briefly and apparent low power,KHIT nulled, ID "XEHC, Radio Bahia", Mexican NA, more "r.Bahia" IDs, soft romantic mx later. New 1st catch of 1994! (RW-CA)
- 1070 <u>COLOMBIA</u>, Bogota-Radio Santa Fe -in briefly o/KNX with ID at 0510 1/3 as "Radio Santa Fe en Bogota" into Tropical mx, soon lost under the jumble. Rats, I didn't have the recorder on!! (PM-OR)

TRANS-PACIFIC DX ROUNDUP

- 531 <u>NEW ZEALAND</u>, Auckland-PI Radio-good in what sounded like Samoan at 0945 on 1/16, "Pacific Islands" mentioned. (PM-OR)
- 1152 <u>FIJI</u>, Radio Fiji One, location unknown as yet, good on top of channel with man in Fijian, heard //558, but a little weaker at 0930 to 1002. ID at 1001 "Radio Fiji One", into Fijian again after that. Report sent. New (PM-OR)

THANKS TO THESE REPORTERS

LG-MT LARRY GODWIN-2390 CLYDES DALE LANE-MISSOULA MT 59801 Hammarlund HQ-150, Sanserino air-core box loop RW-CA ROBERT WIEN-1309 DENTWOOD DRIVE-SAN JOSE CA 95118 GE Superradio,loop

PM-OR YOUR EDITOR Drake R8, Term. 1500' East Bev, 200' SW Term. LW, Ground system



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DX 🛞 WORLDWIDE EAST

EDITOR: JIM HALL B 3176 CHELTENHAM CT. BGIBSONIA,

PENNSYLVANIA 15044-8435 U.S.A.

I'm still in the process of setting up the IBM computer at the home QTH for DXWW-E, and am busy troubleshooting some hardware problems, especially with the printer. For now I am lucky enough to be able to use the laser printer until the home system is ready. Unfortunately, the home system is a lot older and slower than what I'm used to, but it will still make doing the column much easier. The old manual IBM typewriter should be history - although some reporters have been sending floppies (i.e. Mark Connelly) I always read them but continued using the old IBM since I was never guaranteed use of work or school computer systems. For the 'new' old home system, reports on disk are welcome (and even appreciated) but for now it will be a bit easier to use DS, DD instead of HD, and I will be using WP51 to produce the column. Anything ASCII-compat. will suffice, however. I also hope to offer E-mail (Mark, ed) but for now am still assembling this thing. For those connoisseurs of good old mechanical machines, (hello Ernest. ed) I will bring back the fine IBM machine in case of system crashes! Disks sent as reports will be returned with rp if so desired. Thanks everyone for supporting the column, and a special thank you to Mark Connelly for striving to make things easier for me. Appreciate the correspondence from Tom Bryant, Production Manager at WSM-Nashville. Tom, let me know if you hear anything else from Radio Cayman. Tom's note reminded me to mention in the column the absence of their 1555 outlet and the reported cessation of all AM operations, including 1205. 1205 is still on so I suggest an attempt to log them soon. Thanks also to Mike Hardester for the VOA medium-wave schedules. I will pass it on to Ralph to publish space permitting. On with reports:

$\underline{TRANS} - \underline{ATLANTIC} \underline{D} \underline{X}$ (Connelly-MA) all

531	GERMANY Leipzig 0459-0500 12/23/93 Alpine mx, GG talk; v gd - suprisingly way atop the chan.
	Usually Spain & Algeria dominate here. Residual CIAO-530 het was phased to nothing.
	SPAIN / unID's 0449 12/28/93 SS vocal o/2 or 3 others; some "F9" beacon QRM, CIAO phased.
	SPAIN / ALGERIA 2349 12/29/93 SS talk by m o/AA fem. vocal.
549	ALGERIA Les Trembles 2350 12/29/93 AA talk by m; to gd peaks through CFNB slop.
558	SPAIN 2355 12/29/93 m in SS //738; pr o/others incl. possible PP & AA sin's.
612	MOROCCO Sebaa-Aioun 2157 12/29/93 AA mx at low audio level on big carrier.
621	CANARY ISLANDS Santa Cruz 0452 12/28/93 operatic SS m vocal; v gd. Also 0533 12/29/93 EXCELLENT w/m & w in SS.
639	SPAIN La Coruna et al. 2154 12/29/93 SS talk; poor.
711	unID's 0000 12/30/93 cacophonous growl (approx. 60Hz) occ yielded AA and other audio. Morocco /
738	Libya most likely; I'm not sure who's off freq.
	SPAIN Barcelona 2356 12/29/93 SS talk to gd peaks.
747	HOLLAND Flevoland 0005 12/30/93 pop mx o/Spain. Also 0432 12/30/93 w/m in DD; gd.
756	SPAIN Bilbao 0500 12/28/93 SS nx; gd (way o/others) w/WJR phased.
	GERMANY Braunschweig / Ravensburg 0530 12/29/93 rock instru., pips, m in GG; gd.
765	unID 0504 12/28/93 sounded SS instead of expected FF (Switzerland); lost to slop.
	SWITZERLAND Sottens 0535 12/29/93 gd w/w in FF. Also 0434 12/30/93 w/classical mx; v gd.
	SENEGAL Dakar 2148 12/29/93 African-acc'td FF talk, Afr. mx; XLNT. Also 0007 12/30/93
	w/Koran chant, talk, Afr. shouting/drumming LIKE A LOCAL, way o/the Swiss stn's cls mx.
774	SPAIN 0450 12/23/93 m/f duet on SS Christmas song; gd. Also 0505 12/28/93 nx by m & w in SS;
per contraction of	gd. And on 12/29/93 at 2147 w/SS m & w; gd w/WABC phased.
783	PORTUGAL Miramar 0009 12/30/93 bits of PP in hvy slop from new C&W fmt on CFDR-780.
	PORTUGAL & t. SYRIA 0438 12/30/93 m in PP o/apparent AA stn.
819	unID (MOROCCO or EGYPT) 0439 12/30/93 fragments of A talk.
837	CANARY ISLANDS / SPAIN 0011 12/30/93 SS teletalk, slighty o/a pile of others.
855	SPAIN Murcia et al. 0447 12/23/93 m in SS, then vocal mx; fr w/local WHDH phased.
873	SPAIN Zaragoza 0537 12/29/93 fr w/m in SS. And 0440 12/30/93 w/SS talk, pr-fr o/others.
882	ENGLAND Washford 0445 12/23/93 EE talk in WCBS slop. Also 0442 12/30/93 w/m EE dj, oldie
	"United We Stand" by Brotherhood of Man; gd.
	CANARY ISLANDS La Laguna 0445 12/28/93 m in SS; gd o/others w/WCBS phased.
	CANARY ISLANDS / ENGLAND 0013 12/30/93 SS talk o/u EE rock; signals just about even in
1	strength.

891 ALGERIA Algiers 0442 12/23/93 AA fem. a cappella vocal: XLNT. Also 0446 12/28/93 AA vocal. then talk: gd. And at 2143 12/29/93 AA talk by m & w at good level: SAH of about 4Hz present. presumably from co-channel Portugal. 927 BELGIUM Wolvertem 0503 12/23/93 GG-sounding talk: poor w/hyv slop from 4+ str pig-pile on 930 954 SPAIN Madrid 0015 12/30/93 m in SS using '50s-type reverb : gd 981 ALGERIA Algiers 0505 12/23/93 m AA Koran chanting: EXCELLENT -just as the 891 powerhouse. Also 2203 12/29/93 m talking, prob. FF: strong, but in hvy WTRY/CBV slop w/semi-local WCAP phased. 000 SPAIN Madrid 2204 12/29/93 nx by m in SS: loud, slicing by CKBW/CFLP-1000. 1008 CANARY ISLANDS / SPAIN 2205 12/29/93 SS o/others in CFRB slop w/WINS phased. 1017 GEMANY Rheinsender 2207 12/29/93 "Help" by the Beatles, then GG talk; to gd peaks o/Spain/others. MOROCCO Sebaa-Aioun 0507 12/23/93 AA Koran chant XLNT: Spain (SS talk) audible way u/. 1044 Also 2208 12/29/93 AA talk LOUD - certainly one of the "big gun" TA's here. And on 12/30/93 0017 AA mx well o/Spain, and 12/31/93 0623 festive stle AA mx; LOUD. 1053 MOROCCO Tanger 0508 12/23/93 AA chant //1044; fr-gd. Also 2209 12/29/93 AA talk //1044 way o/England. ENGLAND 2209 12/29/93 modern progressive rock song //1089; u/Morocco. 1062 DENMARK Kalundborg 0509 12/23/93 gd w/m in Danish, then dance-rock. Also 2209 12/29/93 rock mx. Danish talk: o/others. 1071 FRANCE Lille et al 2210 12/29/93 bits of FF occ geting by potent CBA-1070. 1089 ENGLAND 0726 12/19/93 fem pop vocal. Also 2215 12/29/93 modern progressive rock mx, EE talk //1053. XInt w/WBAL phased. 1098 SLOVAKIA / CANARY ISLANDS 0512 12/23/93 Slav, & SS audios battling it out here at even strength. Also 2216 12/29/93 Slavic talk o/u SS mx. SPAIN 0513 12/23/93 w in SS //1098; XLNT. 1107 EGYPT Batra 0018 12/30/93 AA pop female vocal atop Spain. 1125 unID's 0514 12/23/93 immense grwl w/little intelligible audio. 1134 CROATIA Zadar 2218 12/29/93 Slavic talk; fr-gd, atop Spain. 1170 PORTUGAL 2220 12/29/93 apparent PP vocal: o/others w/WWVA phased. 1179 CANARY ISLANDS / SPAIN 0517 12/23/93 m in SS; fr-gd. Also 0517 12/28/93 m & w in SS fr-gd w/WHAM phased. And on 12/29/93 2223 SS just slightly o/Sweden. 1188 t MOROCCO 2224 12/29/93 messy low-pitched growl of carriers, then fem. AA vocal floated to the top. ENGLAND 0718 12/19/93 Virgin R. w/EE di //1215: pr. 1197 1206 FRANCE Bordeaux 062012/31/93 FF talk; pr in WOGL slop. 1215 ENGLAND 0708 12/19/93 Virgin R. to gd peak w/"Slip Sliden' Away" by Paul Simon. Also 0617 12/31/93 metal version of "The Cat's In The Cradle"; o/u'Spain. SPAIN 2230 12/29/93 SS talkshow slightly o/England. 1251 LIBYA Tripoli 2232 12/29/93 AA chant in hvy slop from FF Canadian on 1250. 1314 SPAIN / NORWAY 0522 12/23/93 NN talk: fr. Also. Norway at 0448 12/30/93 w/NN talk: fr. ALBANIA Lushnje 2237 12/29/93 EE rlgs pgm; v gd. Running S9+40 (!) on peaks and was stronger 1395 than adjacent WLLH-1400 (12-miles distant). 1503 SPAIN / unID 2245 12/29/93 bits of SS o/folk mx stn (Poland?); pr w/hets from 1502 Afro & 1505 Anguilla and slop from WSSH; WTOP phased out. BELGIUM Wolvertem 2334 12/29/93 w in GG slipped thru during 10-sec, pause in local WSSH 1512 audio. 1530 VATICAN 2337 12/29/93 classical mx //5882; gd atop WCKY. 1548 ENGLAND 0713 12/19/93 rock mx; pr. SPAIN 0714 12/19/93 w in SS to gd peak; v echoey. Also 0515 12/22/93 fr-gd w/SS talk by m & w. 1584 GERMANY Langenberg 0510 12/21/93 fem pop vocal, GG talk. ALso 2345 12/29/93 bounce GG 1593 fem. group pop vocal; fr-gd. VATICAN 2342 12/29/93 talk by m (unsure of lang); carrier strong, but audio weak & blending 1611 w/that pesky "LGB TLX" beacon.

PAN-AMERICAN D X

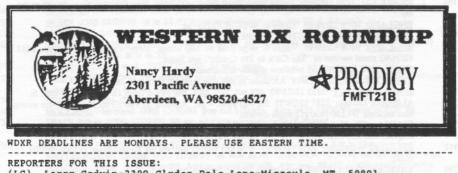
- 640 <u>CUBA</u> 0645 1/1/94 fr-gd w/what appeared to be a "1993 in review" pgm, "R. Progreso" ID noted amid talk about Michael Jackson's problem. (Brooker-MA)
- 650 COLOMBIA Bogota HJKH 0540 12/31/93 fr o/WSM w/typical "RCN" jx & promo. (Brooker-MA)

- 700 JAMAICA Montego Bay 0605 1/1/94 fr in WLW null, nx, ID "This is the Radio One service of the Jamaican Broadcasting Corporation", into obit's list 0609. (Brooker-MA)
- +0741 12/12/93 o/WLW w/pgm of 'Thoughts and Inspiration'. Relog. (Bryant-TN)
- 750 JAMAICA Port Maria JBC-1 0745 12/12/93 poor u/WSB //Montego Bay. New. (Bryant-TN)
- 770 COLOMBIA Bogota HJJX 0451 12/23/93 "RCN" ID, SS talk; atop WABC. (Connelly-MA)
- 820 COLOMBIA CARACOL Cali 0900 12/17/93 Fr in WBAP null //810 Bogota. New. (Bryant-TN) (Congrats on these new ones, Tom. ed)
- 1000 <u>VENEZUELA</u> Moron VNM 0633 1/1/94 fr o/WMVP w/"R. Mil" ID following long New Year's greetings. Not to be confused w/CFLP, which also uses "R. Mil" slgn but in FF. This one is seldom heard in Toronto due to CFRB-1010 slop. (Brooker-MA)
- 1020 <u>TURKS & CAICOS</u> Caribbean Christian Radio 0445 1/3/94 preaching/Christian mx, s/off anmt indicated power of 20kW. (Reiser-IL)

- 1205 CAYMAN ISLANDS Georgetown 0625-0633 12/12/93 R. Cayman w/s/off, Lord's Prayer, mixed chorus (prob. anthem) "God Save the Queen". NEW. Also 0629-0700 12/21/93 w/BBC WS Nx w/local content 0659. ID wiped out by WOAI splash. BBC time beeps on hour-back to nx. (Bryant-TN)
- 1267.45 <u>unID</u> (DOMESTIC) 0610 12/31/93 syndicated/satellite show of '80s-era T40 hits; no local ID's given strong at times. (Connelly-MA)

CREDITS:

(Connelly-MA)	MARK CONNELLY 30 William Road, Billerica MA 01821-6079
	(Drake R8, 2 slopers approx, 37m. ea. via noise-reducing xformers to Super-MWDX-5 Phasing Unit &
	MWT-3 Regen. Tuner)
(Brooker-MA)	MIKE BROOKER 99 Wychcrest Avene, Toronto, ON M6G 3X8 CANADA
	(DXing at the Kripalu Center for Yoga and Health, Lenox, MA w/Panasonic RFB-45)
(Reiser-IL)	THOMAS REISER 9506 S. Winchester, Apt. 205, Chicago, IL
	(Sony ICF 2003 w/built in antenna)
(Bryant-TN)	TOM BRYANT 849 Todd Preis Drive, Nashville, TN 37221
1.	(Yamaha TX-930 / Kiwa Loop)
(Hardester-NC)	MIKE HARDESTER 3118 Gaitway Court, Jacksonville, NC 28546
. 391	(VOA Medium Wave schedule information)



(LG)	Larry Godwin-2390 Clydes Dale Lane-Missoula, MT 59801
	Hammarlund HQ-150, Sanserino air core loop & KIWA loop
(HLH)	Harry Helms-7445 Andasol StSan Diego, CA 92126
	Drake R8, Hammarlund HQ-180/160/150, 2' Sanserino loop &
	Radio West loop phased together
(GJ)	Gary Jackson-7735 Center Parkway-Sacramento, CA 95823
(PM)	Patrick Martin-P.O. Box 843-Seaside, OR 97138
	Drake R8, 2000' NNW Bev., ground system
(RJO)	Rod O'Connor-P.O. Box 3488-Kodiak, AK 99615
(PT)	Pete Taylor-2614 Jackson StSan Francisco, CA 94115
	ICF-2010
(RW)	Robert Wien-1309 Dentwood DrSan Jose, CA 95118
	GE Superadio, GE long-range portable, SM-2
*****	***************************************
4	

¹¹⁷⁰ COLOMBIA HJNW Cartagena 0515 12/28/93 CARACOL net ID; knocking down WWVA. (Connelly-MA)

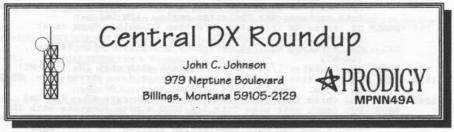
		INTEREST
1180	KOIL	NE, Omaha 1/11 0852-0900 almost even with KOFI with
		nostalgia muaic. On the hour a man said " great
		memoriesKOIL, Omaha-Council Bluffs." I phoned station;
		woman said KOIL-1290 switched frequency with KKAR on 11/93
1000	nat set las	or so, and is 24 hours. (LG-MT)
1190	KXBT	CA, Vallejo 1/10 1044 fair o/u KEX with traffic report,
		weather, ID "KXBT, The Beat of the Bay." Call change,
		ex-KNBA. (RW-CA)
****	******	***********
560	KSFO	CA, San Francisco 1/12 0800 ID as "KSFO, Talkradio 560." No
		sign of usually-dominant KMON on this loop bearing! (LG-MT)
570	CFWH	YT, Whitehorse 1/8 1007-1017 with severe QRM from CKWL &
		KVI, CFWH topped frequency for a while with an extensive
		weather forecast for the highways & many towns in the Yukon.
		Ments of "CBC-570" & "CBC-Yukon," time checks, -45°C and
		snowing in Mayo, highway closures because of snow, etc.
		(PM-OR) (Congratulations Pat. Now you have Yukon 100%
		heard!!NH)
600	CKBD	BC, Vancouver ex-CHRX classic rock, now Canada's first
		contemporary Christian station. Ran promos about every 10
		minutes two days prior to change. New format s/on 1/9 at
		1500. Slogan "The Bridge" and "Vancouver's Bridge."
		Opening remarks by op. manager of CKBD & CJJR-FM 93.7, then
		into contemporary Christian music. (PM-OR)
750	*KOAL*	UT, Price MM 1/10 0408 ID'd then OC only. Back on at
		precisely 0500. (LG-MT)
	KXL	OR, Portland MM 1/10 0400-0500 usual pest with Talknet.
		(LG-MT)
950	KOZE	ID, Lewiston 1/7 0800 in the hash with call ID. (LG-MT)
1030	*TIS*	CA, Bay Area Cal Trans testing every day, strong here, S9+20
		on radio. Heard during daytime only. (GJ-CA)
1060	*KPAY*	
	KKDS	UT, South Salt Lake City 1/6 2300 a nice surprise with ID.
		Theme music "Swanee River," woman said "You're listening to
		Utah's one and only imagination station, AM 1060, KKDS,
		South Salt Lake, Ogden and Provo." (LG-MT)
1180	WHAM	NY, Rochester 1/10 most welcome during KOFI weak spell with
		ID's at 2257 and 2300. On the hour, man said, simply "WHAM,
		Rochester, New York." Main QRM was from Cuba. (LG-MT)
1360	KKMO	WA, Tacoma 1/12 0900 s/on. Announcer ment. owned by KAMT,
		Inc. I phoned station; broadcasts in Spanish 0900-1130, and
		s/off 0400. (LG-MT)
1370	CFOK	AB, Westlock 1/10 0900 gave clear legal ID during one-second
		dead space on dominant KXTL. (LG-MT)
1480	KRXR	ID, 1/6 0800 gave call and "TNT" slogan. (LG-MT)
		2 CA, San Ramon 1/10 1015 ID in weakly and out under
		Hornbrook and Cal Trans TIS! (GJ-CA)
DX TI	ESTS	
		GA, Columbus no go 1/3; CBK dominant until 0208 s/off,
	(leaving XEWA atop channel. (HLH-CA)
730	KURL	MT, Billings 1/10 code ID's at 0231 & 0235 and quick voice
, 50	Nonu	ID's. Fair signal through partially nulled XEX. (HLH-CA)
		+1/10 0245-0305 weak but readable in KCBS-740 null over/under
		CKLG-KSVN with discernible tones, short bursts of tone at
		0304, one ID. Unneeded. (RW-CA)
750	(WSB)	<u>GA</u> , Atlanta 1/9 0310-0320 DX test tried, not heard, only
150	(WSD)	Unit was a set of the
		usual KXL/KOAL. Unneeded anyway. (RW-CA) +1/9 despite no trace of usually dominant KOAL, only unID
	and the second	
		Spanish heard through nulled KXL on the "clear" channel.
		(HLH-CA)
	tsD min	+Tried but not heard 1/9 0000-0010, only regular KFQD
		Anchorage & very weak KXL Portland in tight null with talk.
		Tried again 0030 but heard same as earlier, just weak KXL.
		(RJO-AK)
	0	+MM 1/10 not heard 0408-0500. Frequency dominated by KXL,
		KERR and unID C&W station (possibly CJWW). (LG-MT) (Larry,
		2

this test was scheduled for <u>Sun</u>. morning 1/9!--NH) 930 ?WZNN? <u>NH</u>, Rochester 1/8 very weak Morse code heard between 0525 & 0530. Possibly this station! (GJ-CA)

UNID

1370 1/15 2230 unID with 800 Hz tones, on for 5 seconds then off for 2¹/₂ seconds. In and out of KXTL and KGEN. Last heard in Jan. 1993. Maybe San Jose testing to return to air? (PT-CA)

Wayne Heinen sent along a note that his Denver station on 1340 should have read KKYD. Sorry for misreading your handwriting, Wayne! Also, Wayne sent along the following regarding PSSA's: "A Post Sunset Authorization is a power or series of powers that daytime only stations use after local sunset. The powers are generally low but can run as high as 500 watts just like the psra Pre Sunrise Authorization. A Post Sunset Authorization allows the stations to run as late as two full hours after local sunset. In summation SSS DX'ers need to check on the Sunset time for a given station for the given month and add the two hours to that time. If it's beyond two hours the chance that the station has forgot to shut the AM down is a better possibility than having received a new Night authorization." Thanks for the information, Wayne.



FOR THE RECORD

REPORT ALL TIMES AS EASTERN. E-MAIL: JOHNJ53816@AOL.COM DEADLINE: SATURDAYS.

RIDING GAIN

[SA-MB]	Shawn Axelrod, 30 Becontree Bay, Winnipeg, Manitoba R2N 2X9 Icom IC-R70 with PLAM board and 4kHz filter, 4-foot box loop, 100' wire.
[TMJ-IL]	Tom Jasinski, 419 North Raven, Shorewood, Illinois 60435-9640 FRG-7 with Quantum loop, R390A with 21⁄2 foot loop, Sharp QT50.
[TML-IN]	Tom Laskowski, 1334 East Miner Street, South Bend, Indiana 46617 Icom IC-725, 60 foot inverted "L".
[TN-WI]	Tim Noonan, 4609 Crescent Road, Apt. 5, Madison, WI 53711-4672 Drake SW-4A, Sangean ATS-803A, "Radio West" loop.
[TJR-IL]	Thomas J. Reiser, 9506 South Winchester, Apt. 205, Chicago, IL 60643-1109 Sony ICF-2003 with built-in antenna.
[JJR-WI]	John J. Rieger, 801 Sherman Avenue, South Milwaukee, WI 53172 Panasonic RF1150
[JcJ-MT]	Your editor using an Icom IC-R71A with a Radio West loop. DOWN THE DIAL
550 CHNO KSD	ON, Sudbury. 1/7. 2106 with "Oldies 55" slogan. [JJR-IL] MO, St. Louis. 1/4 poor. 2125 with CNN Headline News. [TJR-IL]
650 CKOM	
730 CKLG	BC, Vancouver. 1/10 good. 0220 with local spot cluster in "Countdown Canada" program. Numerous "CKLG 730" mentions during break. Not needed. [JcJ-MT]
WOHS	
740 KRMG	OK, Tulsa. 1/7 fair. 1800 with news. [TJR-IL]

- 760 KTLK CO, Thornton. EX-KRZN. 1/8 very good. 0835 with all talk format. "K-talk AM 7-60" IDs. Seems to be talk/business. New for me. [SA-MB]
- 830 WADU LA, Norco. 1/8 fair. 0159 After a half hour of continuour easy listening music a legal ID with mention of WADU-FM 94.9 Reserve. [TN-WI]
- 870 KORD WA, Pasco. 1/8 good, on top. 0830 with "KORD" ID's. C&W music. [SA-MB]
- 930 WAUR IL, Sandwich. 1/8 good Dominating for 30 minutes. 0200 with oldies music. Several "WAUR" IDs. [SA-MB]
- 940 KIXZ TX, Amarillo. 1/8 good in WFAW null. 1857 w/ID, promo. Standards format. [TN-WI]
- 1050 WEVD NY, New York. 1/5 fair. 2313 w/spot for Colony Records, 19th & Broadway. [TJR-IL]
- 1160 KSL UT, Salt Lake City. 1/3 poor u/WJJD. 0020 with news item. [TJR-IL]
- 1190 KGBS TX, Dallas. 1/7 way in WOWO null. 2100 with ID. Sports talk format. [JJR-IL]
- 1250 KALO TX, Port Arthur. 1/10 in WEMP null. 0102 with sign off. Mention of hours of operation. [TMJ-IL]
 - WREN KS, Topeka. 1/7 fair. 1955 with "Back To Bethel" broadcast from a local church. New logging for me. [TJR-IL]
- 1270 KNWC SD, Sioux Falls. 1/2 good. 0100 with sign off. Mentioned sign on at 0700. [SA-MB]
- 1280 KPRV OK, Poteau. 1/7 w/WBIG off, WWOK nulled. 1700-1900 mentioned CLs. Local girls and boys high school basketball games. [TMJ-IL]
- 1280 WBIG IL, Aurora. 1/7. 0300 noted off the air. WWOK Evansville all alone. Also noted off the air 1/7 PM and 1/8 AM. 1/9. 0925 noted on with Gospel program. Announcer casually mentioned new ownership and possible format change. Noted off the air again at night, and still off at 0825 on 1/10. Was not able to tune in during day on 1/10. Late afternoon 1/10 notied off again. Possible money and or staff problems. Good opportunity to tune in 1280 and log whatever I can hear before they straighten things out and come back on with 24 hour schedule. [TMJ-IL]
- 1330 KFH KS, Wichita. 1/7 fair. 2006 with a promo for overnight shows into Gil Rross. New for me. [TJR-IL]
 - KVDL LA, Lafayette. 1/6 fair. 2323 with mention of sister FM. Oldies format. New. [TJR-IL]
- 1350 CKDO ON, Oshawa. 1/5 good. 2345 with spot for Nob Hill Farms. PSA for Insurance Bureau of Canada. New for me. [TJR-IL]
- 1380 WIZO TN, Franklin. 1/6 in null of KASP & WQHK. 1749 with "13-80 WIZO" 5 times in 30 seconds! Oldies format. Unneeded. [JJR-WI]
- 1390 KJPW MO, Waynesville. 1/4 in way u/WGCI. 1805 with local news. [JJR-WI]
- WZZB IN, Seymore. 1/6 in WGCI null during SRS. 0700-0715 with weather, local spots, obituary notices. CL's mentioned. [TMJ-IL]
- 1430 WCKN IN, Indianapolis. 1/6 good. 2300 with "Home of Real Country." [TJR-IL]
- 1440 WMKM MI, Inkster. 1/7 poor. 2322 with promo for upcoming program. [TJR-IL]
 - WZYX TN, Cowan. 1/6 in cell. 1734 with calls only. Unneeded. [JJR-WI]
- 1460 KDMI IA, Des Moines. EX-KGGO. 1/3 good. 1813 with ID. Religious format. [TN-WI]
- 1470 WRGA GA, Rome. 1/4 in WMBD null w/WHUT. 1800 with ID "....Georgia Bulldogs... on AM 14-70 WRGA Rome...." Also mentioned NW GA. Got them on tape this time. I
 - suspect this to be the one heard at 1830 with "The Valley Net, AM 13-30 W.... and AM 14-70 WRGA." It sounded like WRGA that is. [TMJ-IL]
 - WXKW PA, Allentown. 1/4 in w/WRGA, WMBD, WHUT, and unID in mess. 1800 mentioned on air with high power for EBS during bad snow storm. Heard CL's and mention of Allentown. [TMJ-IL]
- 1520 KMPL MO, Sikeston. 1/7 poor. 2130 with local basketball game. [TJR-IL]

DX TESTS

- 540(WSTH) <u>GA</u>, Columbus. 1/3 DX Test not heard here. Only WYLO until their sign off, then CBK until their sign off. [TJR-IL]
 - +1/3 DX Test not heard here. Only CBK and XEWA. [SA-MB]
- 730 KURL <u>MT</u>, Billings. 1/10 DX Test did air. Carrier on 2 minutes before 0230 test time. Started out with ID and statement on air for tests. Very slow code ID followed by ID into Christian music. I didn't listen beyond first three minutes. [JcJ-MT] +1/10 DX Test fair to poor w/XEX, CKAC, WFMW, and WGN-720 slop. 0230-0306. Code IDs (strong signal and good copy during 5000 watt portion of test.) Part of

voice ID and weak TT. [TMJ-IL]

+1/10 DX Test Not heard here, [TN-WI] 750 WSB GA, Atlanta, 1/9, 0050-0500, Spot checked signal several times during this period and listened for solid hour between 0355-0455. No sign of DX Test. Their talk show was previously recorded, but noted live announcer during station breaks. Did they forget about the test? Maybe I just missed whatever they did for the test!? [TMJ-IL] +1/9. 0000 Station booming in, no mention of the test. No code IDs. [TN-WI]

930 WZNN NH, Rochester, 1/8 DX Test very poor u/WAUR, WKY, and WBEN, 0225-0229 with code IDs and TT. New one for me. [SA-MB] +1/8 DX Test with WAUR null, 0100-0130 listened during this time for scheduled DX Test. Nothing before 0125. Heard weak steady TT at 0125 & 0128. [TMJ-IL] +1/8 DX Test NOT heard. 0200 WAUR dominated, WTAD also heard. [TN-WI]

1270 WCGC NC, Belmont, 12/20 good, strong at times, 0000 with code, many voice IDs also. [TML-IN]

- (WMIZ) NJ, Vineland, 1/2 DX Test not heard here, [TJR-IL] +1/2 DX Test not heard here. Only KWEB, WXYT, and WKBF. [SA-MB]
- 1480 WDAS PA, Philadelphia. 12/20 DX Test weak in severe local WNDU splatter. 0122 with code. [TML-IN]
- CA, Los Angeles, 1/10 DX Test weak in KXEL null with KBLV. 0330 very noticeable 1540 KXED power increase. Clear code IDs at 0330, 0340, 0350, 0400. Otherwise normal SS programming. Needed for call change. Special thanks to Bill Hardy for the E-mail quick tip on this late scheduled DX Test. [JcJ-MT] +1/10 DX Test NOT heard. 0330 KXEL in as usual. [TN-WI]

LOCAL CHANGES

790 KGHL MT, Billings. Now back to satellite fed C&W format. Formerly news/talk. CBS News on the hour. No longer || to any FM. IDing as "AM 7-90 KGHL." No information locally as to reason for the sudden change back to C&W. Their FMer KIDX 98.5 "The Dawg" continues C&W with live jocks.[JcJ-MT]

25 YEARS AGO

February 1, 1969 issue of IRCA's "DX Monitor"....New members included Reid C. Wheeler of Walla Walla, WA....Ernest J. Wesolowski of Omaha, NE said he had gone 5 months without DXing due to attending night classes at U of N Omaha... In the 1969 IRCA Tapesponders List only 1 person had a cassette recorder.... It was mentioned there are 255 members and 2/3 receive the bullettin via 3rd calss mail. Club dues for 3rd Class mail were \$6.50 per year.

OPEN MIKE

If you're feeling good, don't worry; you'll get over it. Shawn mentioned another DX pedition had to be cancelled due to the weather. I guess wind-chill temps. of -47 would be of concern! That sounds warm considering the current cold weather in the mid-west! 73, John-John.

> Qave Lengths Meter

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KMI Turner

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NODEL

the world who musical Possible. HOH HE ultimate creation in the 7 Broadcast 69 radio reception. achieved Radio ment

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* CHECKING IN THIS WEEK *

- Mike Brooker-99 Wychrest Ave-Toronto M6G 3X8 ON: DXing at Lenox MA (MB) w/Panasonic RFB-45
- Tom Bryant-849 Todd Preis Dr-Nashville TN 37221-2607: Yamaha TX-930, Kiwa (TB) 1000
- (GVH) Gregory V. Henson-12024 Waterside View Dr #23-Reston VA 22094: GE Superadio III
- Lynn Hollerman-514 Carrsbrook Rd-Huntsville AL 35803: DX-440, 70' longwire, (LH) MFJ-956
- Mark McMillan-151 Summer #2-Stoughton MA: Kenwood TS440S, 160 m dipole, 50' (MM) vertical
- J. D. Stephens-3715 Conger Rd SW-Huntsville AL 35805: Panasonic RF-2600, Sony (JD) ICF-2001, wires
- (LLH) the editor at home with DX-440, 1' balanced balun loop, Autek QF-1
- * HOT TIPZ *
- TN Nashville Su 1/9 0210-0459 was OFF THE AIR to test aux antenna. I 650 WSM was unaware of the silent period (for those who don't know, I am Production Mgr. at the stn!) I have been promised advance notice of any future test periods. (TB-TN)
- 920 WMMN WV Fairmont Mo 1/3 2311-2343 good w/CNN nx, WV Broadcasters promo, frgt "WMMN weather forecasts" for the Fairmont area by F/ancr. Also heard "CNN News on WMMN" during a station promo. (JD-AL) Ithis stn went silent in 1991. It was rptd to be coming back. This is the
- first reception I have seen rptd. -ed) IL Charleston format change, is now full time gospel. (TB-TN) 1270 WEIC
- * AROUND THE DIAL *
- ON Brampton Mo 12/27 2150-2202 ments of "M & N Groceries" in some 530 CIA0 odd language (Hindu?) "Chow Radio 530" ID 2200, into prgm in another language. Good. (LH-AL)
- 540 WWCS
- PA Canonsburg We 12/22 1400 ID atop. (MM-MA) NY Islip Mo 12/27 1129 pr-fr on groundwave w/"Word For Today" WLIX program, ID as "WLIX, Long Island's Christian Radio." (MB-MA) We 1/3 1733 7 IDs in 2 minutes! (MM-MA) ++
 - {trying to make up for the ones that don't ID at all? hi -ed}
 - CBK SK Regina Mo 1/3 0200-0208 CBC nx, s/off at about 0207. VERY strong signal. (LH-AL)
- PQ Trois Rivieres Mo 12/27 1745 pr in FF w/sports, local wx. 550 CHLN (MB-MA)
- ON Ottawa We 12/29 0755 fr in WTAG null w/ad for Eaton's Department Store, ID as "5 before 8 on CFRA." Into talk on foods that are eaten only at Xmas time (such as fruitcake yuck!!!) (MB-MA) **580 CFRA**
 - CKWW ON Windsor Sa 1/8 0140-0200 good at times w/CKLW's old NOS format, "Memories 580" slogans. (JD-AL)
 - KS Topeka Sa 1/8 0306 up briefly in jumble for wx & ID coming out of WIBW nx. (TB-TN)

- ++ Tu 1/11 1830 ID, mx. fading sigan1. (LH-AL)
- KS Manhattan Tu 1/11 1824-1830 instr mx, "Born Free." ID, s/off KKSU 1830, said to stay tuned for WIBW. Fair. (LH-AL) [one of the few "shared time" arrangements left -ed]

AR Hot Springs We 1/5 1825-1830 fair w/C&W mx, "590 KBHS" & "the **590 KBHS** mighty 590" slogans. (JD-AL)

GA Atlanta Sa 1/8 0322 terrible signal under WVLK. "..we're WKHX Atlanta's only ???..." then CWM. new. (TB-TN)

FL Miami No 1/3 0745 ad for Great Western, ID. (MM-MA) 610 WIOD Tu 12/21 1400 ID atop. (MM-MA)

620 WZON ME Bangor NJ Newark We 12/29 0649 pr in WMVT null w/SS nx (possibly a relay of WSK0 Radio Marti, to judge by the anti Castro rhetoric,) promo for a New Year's Eve party in Passaic. (MB-MA)

Tu 1/11 1900 strongly heard, something that sounded like "cool"... this stn's slogan is "Super Kah-coo." (LH-AL) ++

AL Lexington We 1/5 1824-1830 fair w/slogan: "sports 620 WKNI, WKNI serving the Tennessee Valley from Lexington, Alabama. Into sports talk. (JD-AL)

WV Beckley Tu 1/11 1856 probably the one with "W?NR" ID heard in WWNR mess. (LH-AL)

- DC Washington We 12/29 0655 fr in WPRO null w/long list of wx 630 WMAL related cancellations, promo for National Symphony Orchestra concert. (MB-MA)
- TN Blountville Su 1/9 (time?) heard during WSM SP. ID & spot for 640 WGOC Kingsport auto dealer. Normally devoured by splat from 650. (TB-TN)

CA Los Angeles No 1/10 0436-0442 fair o/WCRV w/Rush Limbaugh on KFI KFI promo (he's everywhere, he's everywhere! -ed) 800-767-4KFI # given. Stephanie Morgan w/"Best of KFI" talk prgm. Good cx to West this AM. (JD-AL)

FL Miami We 1/5 1740-1752 strong w/SS prgming, sports, economic nx, 660 WWFE traffic report. "Radio Fe presenta..." annced before each segment. CL ID given at 1752. New & much wanted. (JD-AL)

AL Fairhope We 1/5 1757-1800 good w/"Solid Gold Soul" (Motown oldies WBLX satellite svc.) Delchamp's supermarket spot, frqt "Classic 660 AM WBLX" slogans. Legal ID at TOH as "WBLX AM, Fairhope-Mobile." No longer UC format. (JD-AL)

NC Raleigh We 12/29 1651 creaming nulled WRKO w/ad for Bumpers 680 WPTF Ford-Mercury, ID as "WPTF News Talk 680." Into traffic rpt. (MB-MA)

AL Birmingham We 12/22 2320 atop w/sports, ID. (MM-MA) 690 WJOX KS Coffeyville We 1/5 1815-1821 good w/local spots, Paul Harvey's "The Rest Of The Story." Promo for Coffeyville Community College. (JD-AL) KGGF

- NB St. John We 12/29 0712 fr in WLW null w/promo for "CHSJ Country **700 CHSJ** Classic contest", ad for Mark's Work Wearhouse, into song by Dolly Parton. (MB-MA)
- VA Blacksburg We 1/5 1654-1700 strong w/local spots, school closings **710 WFNR** due to winter storm. "710 AM WFNR, the valley's news leader" slogan, into talk program, "Health Talk" feature. Much wanted. (JD-AL)

LA Shreveport We 1/5 1558-1705 strong w/talk program, slogan as "the KEEL talk of the town, KEEL Shreveport." Into Mutual nx. (JD-AL)

PR Mayaguez Tu 1/11 1755 gd w/"Hey Jude" by the Beatles, "KJB" slogan in SS, ads, jingle. "WKJB, Mayaguez, Puerto Rico" ID at TOH, into WKJB nx. Lost quickly to Rebelde after 1805. (LLH-VA)

PEI Charlottetown Tu 12/28 1714 gd w/promo for "The Top 6 At 6" 720 CHTN prgm. ID as "Classic Hits 720 CHTN." Into "Monday Monday" by the Mamas & Papas. My 5th province heard at Kripalu. (MB-MA)

VA Arlington We 12/22 1527 nice ID. (MM-MA) 780 WABS

U

NS Dartmouth Mo 12/27 1631 fr-gd w/"Skywatch" local wx giving temps CFDR in Celsius, Atlantic TC, and non-ID as "the all new 780 Hits country." Into C&W song. Another notorious Canadian non-IDer. When did they change from CHR to country? (MB-MA)

NB Caraquet We 1/5 2324 FF mx o/WGY. Nice. (MM-MA) 810 CJVA

MO Kansas City (date?) 0425-0432 good w/Talknet, local spots, slogan as "radio 810 KCMO, Kansas City's 50,000 watt leader." (JD-AL) KCMO 820 WGGM

VA Chester Th 1/6 2213 ID, into traffic & wx. (MM-MA) NC Eden Mo 1/3 (time?) F w/GOS, ID. Quick fade. (MM-MA) 830 WMM0

WADU LA Norco Su 1/9 0459-0600 solid EZL & lite CLA mx w/EE ID on hour. //94.9 Reserve - La Place. Apparently they're not always SS; and must have been on day power & pattern. (TB-TN) [I've heard them here at times with odd mixtures of formats and languages, too. -ed}

ON North Bay Tu 12/28 0805 fr in WRYM null w/sports, local wx, 840 CHUR typical Canadian non-ID as "good times, great oldies from 3 decades of

050	WWYW	rock and roll: oldies 840." Into CSN&Y's "Marrakesh Express." (MB-MA)
850	WKIX	NC Raleigh Tu 12/28 1706 fr o/pest CKVL w/ad for Bobby Murray Chevy-Geo. WKIX ID and TC, into Bobby Vinton's "Roses Are Red." (MB-MA)
870	WFLO	
	WRFD	OH, Columbus-Worthington Th 1/6 2156 mx, into ID. Ads & REL.
10-		(MM-MA)
890	WFKJ	PA Cashtown We 12/29 0700 fr-gd o/WLS w/ID as "proclaiming the
		gospel to the world, we are Working For King Jesus, WKFJ. Into usual
		gospel prgm. (MB-MA)
900	WGOK	AL Mobile Mo 1/3 2330-2337 strong w/church activities read by a man,
		local spots, "Nighttime Gospel" prgm of black gospel. Slogan: "great gospel WGOK." (JD-AL)
010	CHRL	PQ Roberval We 12/29 1658 fr w/PSA for "Developpement et Paix" (non
910	CARL	governmental organization), local wx. (MB-MA)
920	WMEL	FL Melbourne Mo 1/3 2311-2343 faded in w/S.F 49ers vs. Philadelphia
		Eagles football game. Heard "on WMEL" before fade. (JD-AL)
930	WPAT	NJ Paterson We 12/29 1700 fr w/ID as "Hi, this is Larry King, and
		you're listening to WPAT Paterson, AM 93." (MB-MA)
	WZNN	NH Rochester We 12/29 1703 fr w/ID as "WZNN news talk 930 time is
	-	5:03." "Friends don't let friends drive drunk" PSA. (MB-MA)
	WTKZ	WV Huntington Sa 1/8 0200-0207 strong w/UPI nx, local spots, wx.
040	KIOA	"Talk Radio 930 WTKZ" slogan. (JD-AL) IA Des Moines Fr 12/31 0520 surfaced w/"oldies 93.3 KIOA." Into
540	ALUA	"Mrs. Robinson" by Simon & Garfunkel. // FM. (JD-AL)
950	KYGO	CO Denver Fr 12/31 0402 promo during nx w/ID as "KYGO AM in Denver."
		Poor u/KPRC. New. (TB-TN)
960	WPRT	KY Prestonsburg Tu 12/28 1821 suspect EBS day power & pattern. Wx,
		winter storm watch (ice & freezing rain) & spot for Bank Of Pikeville.
		New. (TB-TN)
970	CBZ	NB Fredericton Tu 12/28 1659 fr-gd w/promo for "As It Happens"
	UMAY	program on CBC Radio. Into "The World At Six" CBC nx. (MB-MA)
	WMAY	IL Springfield Fr 12/31 0253 barely audible under pest WAVG. Heard "on WMAY" and nothing else. (TB-TN)
1000	CFLP	PQ Rimouski No 12/27 1639 gd o/WMYP w/FF ad for Canadian Tire, ID as
1000		"Radio Mil." (MB-MA)
	WRAR	VA Tappahannock Tu 12/28 1645 pr in mess, noted woman saying "the
		music continues on WRAR." (MB-MA)
		[so THAT'S the direction they're beamed! No wonder I've never heard them.
		-ed)
	WKYG	KY Jenkins Tu 12/28 1647 fr-pr until lost to WMVP. ID as "WKVG
	CKBW	Southern Gospel Country," into GOS mx. (MB-MA) NS Bridgewater Fr 1/7 2330 CLs, Shelly ? w/C&W, toll free # for
	CKDM	requests. Fair under very hard to null WMYP. (GYH-VA)
1040	WSKE	PA Everett We 12/29 0817 fr w/no trace of WHO, w/"Your Body & You"
		prgm talking about fetal alcohol syndrome. Ads at 0820 Everett IGA, and
		FNB of Everett. (MB-MA)
1050	KLOH	MN Pipestone Sa 1/1 0423 "1050 KLOH." 2nd time for this one this
		season. Heard "Great Stereo Country" slogan 10/29. Heavy XET & CHUM QRM.
	-	(TB-TN)
	WDZ	IL Decatur Mo 1/3 2212-2243 strong during peaks w/CNN prgming. WDZ
		Accuweather forecasts, IL Nat'l Guard PSAs, community college promo. New
	++	& a much wanted 3 letter call. (JD-AL)
	++	Mo 1/10 0359 unID talk show up for ID only. Way u/regulars CHUM & XET. New. (TB-TN)
1060	WBIY	MA Natick Mo 12/27 1736 creaming KYW w/SS tx, nx or commentary on
		prgm called "Ondas de la solidaridad." (MB-MA)
1130	WWWW	MI Detroit Tu 12/28 1310 C&W over WBBR. Strong, "W-4" ID. (MM-MA)
1140	WCJW	NY Warsaw Tu 12/28 1255 "CJ Country" IDs, atop. (MM-MA)
1150	WDEL	DE Wilmington We 12/29 1734 fr w/ID as "WDEL news time is 5:34,"
		local wx and wx related cancellations. "News talk 1150" jx at 1736.
	C 10.0	(MB-MA)
	CJRC	PQ Gatineau Th 12/30 0722 pr u/WCNX w/FF rpt on local ski cx. Local
	WJZS	<pre>wx. (MB-MA) Sc Orangeburg Sa 1/1 0434 up briefly for ID in sports promo. New.</pre>
	AULS	Heard twice since. (TB-TN)
1250	WIPS	NY Ticonderoga We 12/29 1709 fr-pr w/ID as "AM 1250 WIPS, first with
		news in the Champlain Valley." Into local nx. (MB-MA)
1270	WKBF	IL Rock Island Su 1/2 0105-0135 C&W mx, IDs on this stn all over
		15
		()

freq. (LH-AL) TX Ft. Worth Su 1/2 0105-0135 SS tx, some IDs. Dueling w/WKBF and KESS holding it's own. (LH-AL) SC Charleston Su 1/2 0130 swap shop promo, promo for new all gospel

WEIC format, full legal ID. New. (TB-TN) OK Poteau Th 12/30 2119 Sooners Basketball net, halftime break spot

1280 KPRV ment "in Poteau." (TB-TN) IA Mason City Tu 12/28 0259 strongest ever w/Limbaugh promo & full

1300 KGL0 ID. (TB-TN)

VA Richmond Th 12/30 1648 fr-pr w/Hooked On Phonics ad, WLEE ID jx. 1320 WLEE into talk show on casino gambling. (MB-MA)

IA Des Moines Th 12/30 2200 full legal ID, into nx. Still in after 1350 KRNT

CKDO

0000 w/Sportstalk. Not a frqt visitor. (TB-TN) ON Ottawa Sa 1/8 0227 atop w/ID, quick fade. (MM-MA) MA Worchester Mo 12/27 1705 fr w/promo for Bruins hockey on "Sports Radio WEEI, obviously // WEEI-590. (MB-MA) 1440 WVEI

PA Carbondale Th 12/30 0749 fr w/ID as "WCDL AM 1440." Rpt on wx WCDL

related cancellations, PSA from MADD. (MB-MA) ME, Westbrook We 1/5 1634 a surprise signal up out of the crowd w/sports prgm (SEN?) & promo for Boston Red Sox baseball coming this spring to "Portland's favorite sports station (or something like that) WLPZ 1440, WLPZ." First ME from new location and only second ever. Was looking for WKLV. (GVH-VA)

[nicel!! shows there IS hope of hearing Maine. -ed]

GA Bremen We 1/5 1758 poor w/Allan ? saying goodbye, WMGI would be back at 0700 w/Southern GOS mx and Christian prgming, and then barely WGMI readable s/off w/details. (GVH-VA)

- VA Blackstone Th 1/6 1630 finally bagged this one (a most wanted) when dual legal ID rose up from crowd: "WKLV, 1440 AM; WBBC, 93.5 FM, Blackstone." Into nx from VA News Network, and fade away. (GVH-VA) WKLY
- NC Lexington Th 1/6 1654 fair w/"Anytime is the right time for WLXN, 1440, Lexington" and at TOH, "You can depend on us 24 hours a day, 1440, WLXN Lexington." (GVH-VA) WLXN
- WNPY PA Lansdale Fr 1/7 1930 poor mixing w/others, mostly WRRO. Nx, CLs, ancmts of cancellations due to weather, sponsored by Collins & Slaughter (?) Realty. Wx advisory for Montgomery & Bucks Cos. (GVH-VA)

MD Morningside We 1/3 0805 ID and ads over an unID TT. (MM-MA) 1580 WPGC [strange to hear a TT at that hour. Maybe EBS test? -ed]

RI Warwick Mo 12/27 1146 pr-fr w/local wx and run down of local 1590 WARY church events. Now the dominant daytimer here since WQQW went silent. (MB-MA)

NY New York Mo 12/27 1727 pr u/dominant pest WIXY w/ID as "WWRL the 1600 WWRL spirit of New York." Into usual Bible thumper. (MB-MA) [WIXY can come pester me anytime here, hil -ed]

* DX SPECIALS *

HEARD:

- 730 KURL MT Billings Mo 1/10 0230-0300 new for MT #2. Nailed this one just under the wire, catching what were probably the final code IDs. Hvy ORM from XEX, WFMW, KKDA, KSUD & WJYM. (TB-TN)
 - 0230-0300 fair, w/several TTs & code IDs, ments Billings during talk ++ breaks of local WBBI. New, MT #3. (JD-AL)
- NJ Vineland Su 1/2 0100-0200 NRC DX TEST new for NJ #2. Very weak 1270 WMIZ in multi stn mix. Code IDs logged 0146-0147; siren like sound at 0158. WKBF & KESS dominant. (TB-TN) CA Los Angeles Mo 1/10 0330-0400 new for CA #4. Another nail
- 1540 KXED biter.. nothing until very weak code IDs & 0340 & again at 0401. CHIN blasted the freq, including KXEL. (TB-TN) ++ 0330-0400 caught 3 lengthy code IDs ments Los Angeles, each about 10
 - minutes apart. Strong at times for CA #9. (JD-AL)

NOT HEARD:

16

540 WSTH GA Columbus Mo 1/3 NRC DX TEST test not heard, but stn heard! (LH-AL)

NH Nashua No 12/27 1717 pr in jumble, noted "WSMN time is 17 after 5 WSMN o'clock" then lost. (MB-MA)

(the stn came on the air at the advertised times, but did not run anything related to a DX test. -ed)

730 KURL MT Billings Mo 1/10 0230-0300 no sign of it, only lots of FF (CKAC) & SS (XEX). Occ domestics in and out. (LLH-VA)

750 WSB GA Atlanta Su 1/9 0330-0407 no tones or test mentions heard. Plenty of promos & IDs. Regular here. (TB-TN) (WSB was to have inserted test tones into it's regular programming. It is

regularly 50 kW, AN. -ed} 930 WZNN NH Rochester Sa 1/8 0200-0230 NRC DX TEST not heard. WTKZ, WNZS,

and unusually strong WKCT clobbered needed NH. (TB-TN)

++ able to null usual 930 pests, and cx seemed good to the northeast, but nothing heard. (JD-AL)

1270 WMIZ NJ Vineland Su 1/2 NRC DX TEST not heard. (LH-AL)

* WHO DAT? *

- 590 ???? Mo 1/10 0402-0407 strong at times w/UPI nx, wx, "For The People" PRN prgming. ID at 0405 down in the mud (naturally!) but pretty sure I heard "FM 98.7" mentioned. Who dis? (JD-AL)
- 890 7777 Th 1/6 1850-1911 good in WLS null w/SS REL prgming & mx. Frqt "Radio Cristiana" slogans; frqt ments of "grupo alpha y omega" & "aqui Radio Canal Radio Cristiana." Who is this? (JD-AL)
- Ganal Radio Cristiana." Who is this? (JD-AL)
 960 WPRT? KY, Prestonsburg Tu 1/4 0058-0106 presumed them w/wx for downtown Pikeville, call in request show, frqt ments of "WDHI & WPKE." No WPRT calls. Are the CLs still WPRT? Can anyone confirm this? (JD-AL)
- 1000 ???? Sa 1/15 1745-1759 that same unID UC stn, this time in like a local w/non stop mx. Of course, faded before ID time. By 1800, all I could hear was WMYP & WTAK, both faintly. Who could this be??? (LLH-VA)

1360 Anybody know the origin of the stuff that sounds like Morse code (but isn't - just jibberish) that always seems to be present at night here? Looped E-W. (TB-TN)

[SW mixing products? Just a guess. I use a balanced loop similar to the Kiwa. This configuration is a VERY good antenna for SW freqs under 5 MHz. When the antenna is not peaked EXACTLY at freq, I often get several CW signals mixing together to form something similar to what you describe. Other ideas??? -ed]

1570 ???? No 1/3 0830 Radio OZ (probably Aahs -ed) w/mx. Gave Minneapolis MN address. (MM-MA)

HELP:

550 WLUN? Mike Hardester's 12/5/93 "WLUN" might be WDUN (ex WGGA) Gainesville GA. (TB-TN)

* OTHER STUFF *

From GREGORY HENSON: "In a concerted effort to hear WKLV, Blackstone, I sat on 1440 all this past week, and was rewarded with not only WKLV, but others. I tried the same thing on 1470 (I want WBTX and WTZE) yesterday and today, but so far nothing."

* HEADLINES FROM HQ *

Thanks to Mike. Tom, Gregory, Lynn & J.D. for supporting EDXR this week, and welcome Mark McNillan! Report often, Mark.

WHEW! WHAT A COLUMN! Easily the longest I've done since taking EDXR. Also, I've never seen so many multiple stations reported on the same frequency, and as many loggings of the same stations by different DXers. That's mainly because of conditions, of course, but it's also due to all you diligent reporters who REGULARLY support the column. Thanks to all of you: nobody does it better!

JUST A bit of a refresher: please type, or write legibly. Use the same format I do in the column. Time used is Eastern, not UTC. Please put loggings in frequency order: that's the one thing that helps the most. Report broadcast stations only, in the continental US and Canada. Don't report beacons, foreign stations, and clear channel stations that are easily heard by everybody. Thanks again.

A YEAR AGO IN DXM (#20:) Greg Hardison & Jim Hilliker heard numerous DX stations at high noon - KGIL/KJQI/KJOI??? the station had sent wrong info to the newspapers, and nobody was quite sure WHAT they were up to: they compounded the situation by simply

going silent, adding to the speculation - the first ad for the now famous Kiwa loop appeared.

FOUND SOMETHING interesting on 1860 kHz last night (Sat 1/15:) "This Week In Amateur Radio" booming in w/broadcast quality AM signal. Apparently, this is a non profit venture for hams. Very professionally done, ments of "The Omega Radio Network," and even station breaks. I was listening to WAØRCR in Wentzville MO. What caught my ear? A piece on use of air and ferrite core loops for 160 meter and MW DXing, sponsored by the National Radio Club! Mentions of Radio West and Palomar loops, but none of the Kiwa. Next week: the three classes of BCB stations, and what that means to the listener. I take it that this program is heard around the world on various services. Aside from WLAW, this is the first time I have ever heard anything of this nature on the amateur freqs. By the way, sched given for WAØRCR was every Saturday night at 6:30 Central on 1860.

Till next time, 73/gud DX de LLH. (28)

Geomagnetic Indices

-	high point low point geomagnetic activity major flare	mif mis	major storm minor flare minor storm polar cap absorption	spe	solar activity satellite proton event severe storm
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Geomagnetic Summary November 27 1993 through December 24 1993

Date	FLUX	A	к	SA	GEO	OTHER
11/27	90	2	0	very low	quiet	
28	93	2	2	low	quiet	-
29	94	8	1	low	quiet	an - and has Cars
11/30	104	2	2	low	quiet	Mana Bitter
12/ 1	109	15	4	low	quiet-active	- And
2	104	32	5	very low	active-mis	mis 1200
3	106	27	0	low	quiet-mis	an - the
4	105	4	0	very low	quiet	
5	101	7	1	low	quiet-unsettled	-
6	103	4	2	low	quiet	50 W. SHULL 02
7	107	16	5	low	quiet-mis	(all all) as success
8	105	35	0	low	quiet-mis	dit - you have a way
9	98	0	2	very low	quiet	-
10	96	5	1	very low	quiet	Tours about
11	93	5	0	very low	quiet	102231 YAG3387 we
12	91	5	2	very low	quiet	likes past week.
13	88	2	2	very low	quiet	ing 23 1470 (L was
14	88	1	2	low	quiet	-
15	85	7	4	very low	quiet	-
16	85	19	3	very low	unsettled-active	14 - 2 - 2 - 1 - 2 - A - A - A - A - A - A - A - A - A
17	84	15	2	low	unsettled	the state and state
18	-		-	(C+, 1300 1 4.	Last freedy oftend tast	treas first scort
19	87	9	2	very low	unsettled	sin-arrive talk
20	91	10	2	low	quiet-unsettled	NUT BEAL Y DUT
21	93	13	1	low	quiet-unsettled	민준그는 전철 의공은
22	100	10	3	moderate	quiet-unsettled	-
23	105	8	1	low	quiet-unsettled	A CONTRACT OF A
12/24	111	7	1	moderate	quiet	

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Steve Mittman, PO Box 3222, Seal Beach CA 90740-2222

310-833-8888

Hi, all. I've been quite busy lately, so I haven't been able to contribute regularly. I must say I was saddened by the news of Ric Heald's passing. I used to love reading his Forums every week. I think his personality really used to shine through his Forums. His great wit, humor, and DX knowledge made reading his weekly Forums one of the major highlights of each Bulletin! I spoke with him on the phone a few times and was lucky enough to meet him once in person when he hosted the IRCA convention in Sacramento a few years ago, and one thing that especially stands out in my mind about him was his constant cheerfulness and friendly laughter all the time! I know that I echo the sentiments of our membership at large by saying that Ric's presence will be sorely missed. Some time back Mike Sanburn made a suggestion that perhaps we could honor and remember Ric in some sort of way -- perhaps by naming a special award after Ric -- such as was done with Ted Vasilopouos. I think that's a great idea, but I haven't seen any suggestions forthcoming -- and I think perhaps that is because people have had a hard time coming up with some sort of award. I know I spent a great deal of time trying to come up with something. One early idea I pondered over, for example, was to have an award (called the "Ric Heald Award") for the person who contributed the most Forums each year. But then I thought, "What if someone contributed a whole bunch of two-line Forums just to win the award?" hil So then I considered establishing certain requisites, such as only counting Forums which contained a minimum of, say, 5 lines. But the whole thing was becoming quite cumbersome; and besides, I was never really that thrilled with that award to begin with. [to be continued in #21]

Gary Jackson, 7735 Center Prkwy, Sacramento CA 95823

[1/8] Found out I may have put the wrong phone number for the TIS list source in the Forum [see 31-14]. And I apologize to everyone. When I make a mistake, it is a good one! Phone is 616-772-2300; address is PO Box 51, Zealand, MI 49464! Ran a computer check on FCC data base trying to locate the station on 1610 kHz carrying the spotted owl message I picked up in September. Boy, are they behind! Last listing is July of last year and they list only three TIS stations on 1610 in Oregon. I know there are more than that on 1610! Anyone having any info on spotted owl TIS on 1610 kHz, let me know - help! Bought new car radio runs to 1710 kHz; maybe 1610 TIS's will move to 1710! 73's

Gary Larson, 2806 Lincoln, Burbank CA 91504 818-846-5540

[1/11] Saw the late test note on KXED in DXM 1009 and decided to listen and record it but time zone confusion made me miss it. Called and spoke to CE and he says, yes, it was aired. I plan to call back and talk radio more with him in the future. In our conversation, I found out 980 here is planning to up power and add towers in future. Wonder if that will block 960 nights here? Hope you all had a good New Year. 73

Gary Jackson, 7735 Center Prkwy, Sacramento CA 95823

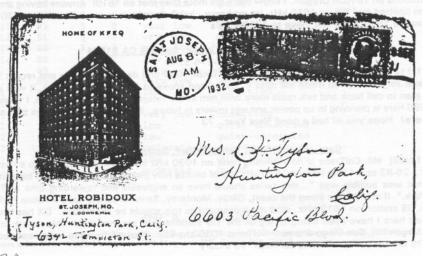
[12/28] Hil CalTrans is now running tests on 1030 kHz in Bay Area! I picked up a new TIS 12-26-93 at 3:13am PST on 1610 kHz and of course only picked up part of it. The biggest part that was audible was "...this series should have an enjoyable and rewarding time at Tahoe Park." If any DX'ers along the coast, Gilroy, Monterey, Santa Cruz, etc have a Tahoe Park and a TIS station on 1610 kHz, send me a postcard as this should be my station. DX has been so bad here I have been trying to log all the TIS stations that are available. This month logged Morgan Hill, San Diego and new CalTrans 1030 khz TIS. Plus still trying to locate spotted owl TIS on 1610 kHz. Thanks for help1 73's Gary

Patrick Martin, PO Box 843, Seaside OR 97138

[12/31] Here I am, typing this forum on the last day of December 1993. It has been a great year for DX and QSL's. One of the best ever. I thought I had done well in 1992 logging INDIA and RHODE ISLAND. This year with the logging of NEPAL and SOUTH CAROLINA was even better. Then topping that off with the YUKON and PALAU. It was excellent. I also just sent off to the 2nd station logged from NEPAL. Thanks to Bruce Portzer, I have IDed my UNID-576 Khz. I thought it was possibly another NEPAL catch but wasn't sure with the muffled audio. I recently sent a copy of the tape to Bruce. He thought he caught a "Radio Surhket" ID in the signal. After hearing this, I then ran the tape through the QF-1 Audio Filter and besides catching "Radio Surhket", there was also mentioned of "The Nepal Broadcasting Service" as the music played. Surhket is located in Western Nepal, runs 100 kw. Received a couple new QSLs of late from JOQL-1404-1 KW-Kushiro, Japan and WSZB-1584 kHz-Koror, Palau. That gives me Country #74 now verified. Still waiting for QSLs from the WAGL-1560 Test and CKRW-610. Received a very nice older QSL from the WOI-640 test. Also heard the CKX-1150 test, but no sign of the KSD-550 test. Poor CX that AM. Oh well, maybe next time. Hopefully everyone will have a great 1994 and as always the support for DX-Worldwide-West is always appreciated, Good DX, 73s, Patrick

Bill Hardy, 2301 Pacific Ave., Aberdeen WA 98520-4527

Prodigy FMFT21A, 73201,2263, CompuServe Internet My E-mail addresses: 73201.2263@compuserve.com. I check for E-mail about twice per week, the fastest way to communicate with me! I ended 1993 and began 1994 by working on such club projects as the IRCA Convention and an updated 1994 version of the IRCA Mexican AM Log. Phil Bytheway scanned the 1990 Mexican Log, then spent a massive amount of time updating it from a. computer printout. The club owes Phil a great big "THANK YOU" for all his days spent on updating the list! Phil and I both have copies of the Mexican database now, so it shouldn't get lost again. If any of you know of changes to IRCA's 1990 Mexican Log, please send that info Meanwhile, Nancy and I are making plans to host the 1994 IRCA to me immediately. Convention right here in Aberdeen! We've chosen a motel with quality facilities and reasonable rates. We want to choose a July or August weekend convenient to everyone who wants to come. Air service is 2 hours away at Seattle-Tacoma, so we hope many of you will plan to drive here and encircle the beautiful Olympic Peninsula on U.S. 101 or visit the scenic Washington and Oregon coastlines. Watch for a DXpedition to the Pacific Ocean where Trans-Pacific DX will make you drool! We'll give more details in DXM as they're approved. 73 and good DX.



THE 1994 NORTH AMERICAN DX CHAMPIONSHIPS (NADXC) A Shortwave Listening Contest Sponsored by The Association of North American Radio Clubs (ANARC)

PURPOSE

This contest is designed to promote the shortwave listening hobby and to provide those SWL's and DXer's interested in competing an opportunity to participate in a carefully run, challenging contest.

ELIGIBILITY

The 1994 DX Championship is open to all DXer's residing in North America [as defined by the country list of the North American Shortwave Association (NASWA)]. Members of the NADXC Administrative Committee are excluded from participation.

LISTENING PERIOD, FREQUENCIES, AND TIMES

The contest listening period will begin on Friday, 4 March 1994, at 1900 EST (0000 UTC) and end Sunday, 6 March 1994, at 2359 EST (0459 UTC). This contest coincides with the beginning of Shortwave Radio Week (which runs from 6-13 March).

PRIZES

Plaques will be awarded by ANARC to the top three finishers. The top finalist will receive a pair of JRC headphones courtesy of Paul Lannuier at Japan Radio Company. JRC coffee mugs will be awarded to second and third place winners. All entrants will receive a participation certificate indicating that they competed in the 1994 North American DX Championships. The certificates for the top 20 will have their place of finish in the NADXC indicated on the certificate.

SCORING

Contestants are to log as many stations as possible from as many countries as possible within the prescribed listening parameters. The first station logged from each country = 1 point. The second station from each country = 3 points; each additional station from that country = 5 points. For contest purposes, all clandestine stations and hobby pirate transmissions will be considered one "country." A station is a shortwave broadcaster whose transmissions are intended for reception by the general public. Each transmitter site of a broadcasting organization will count as a separate station. Different services of the same broadcast organization do not count as separate stations. Transmissions of a single broadcast organization on various frequencies may only be counted once. The use of multiple frequencies does not create as many new stations as frequencies used. For country counting and station counting purposes, the country list of the North American Shortwave Association (45 Wildflower Road, Levittown, Pa 19057) will be the sole criterion.

Participants are required to submit a running log to include country, station, frequency, time, date, SINPO, and the basis of station identification (i.e., spoken ID, interval signal, language, program, known//frequency checked, etc.).

Each contestant is required to total his own entry and provide a summary of the number of countries and stations claimed to support the point totals. The receiver(s) used in the contest must also be indicated. Logs will be judged on accuracy, completeness and neatness. If the judges cannot read a log, it will not be counted for scoring purposes. The decision of the judges is final.

SPECIAL HOLLOW STATE CATEGORY

A special category is available for DXer's using vacuum tube equipment. Contest rules remain the same except all contest loggings must be made on hollow state equipment. The NADXC participation certificate will be appropriately annotated and a special plaque will be awarded to the top finisher in this category.

FEES

An administrative fee of \$4.00 plus a \$0.52 stamp must be provided for each contest entry. All entries must be postmarked by Friday, 14 March 1993, and sent to:

Dr. Harold Cones, Two Whits Court, Newport News, VA 23606 USA

Contestants will be notified of the results in June, and a list of winners will be sent to each of the ANARC member clubs for publication.

Good luck from the 1994 NADXC Administrative Committee - Harold Cones, John Fisher, and Kris Field.

FM STATION ATLAS

BRUCE F. ELVING, Publisher (218) 879-7676

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FM Atlas and Station Directory Custom FM Promotional Materials

December 30, 1993

P. O. Box 24 ADOLPH, MINN. 55701

New FM Atlas Published

The largest-ever directory for FM radio has just been published. It's the 15th edition, "FM Atlas" by Bruce F. Elving. The book is designed for travelers, media people and hobbyists interested in discovering the locations and program formats of the FM radio stations of North America.

The book's 208 pages include 102 pages of maps of the U.S., Canada and Mexico to help the reader locate all the FM stations, as well as directories with stations arranged by geography and station frequency. Some 8,000 FM stations, found between 88 and 108 mz, both commercial and educational, are listed. There is also a separate listing showing over 2,000 FM translators, which rebroadcast another station where terrain or distance make direct reception difficult.

The introductory chapter to the book discusses FM duopolies "which threaten FM diversity," WAJC

104.5 Indianapolis going from educational to commercial (and a warning that other noncommercial

stations operating between 92 and 108 mz might turn commercial, so watch what stations you donate to!), FM listening trends, and the battle about indecency on the FM airwaves. There's also information on improving FM reception, and a discussion on restrictions on the public's ability to tune in certain broadcasts, such as FM subcarrier programs (including background music and reading to the blind).



The just-published 15th edition is \$16, including shipping, from "FM Atlas," P.O. Box 24, Adolph MN 55701-0024, U.S.A.

Elving has a Ph.D. in instructional communications from Syracuse University, and publishes FMedia! newsletter. Much of the material in his book comes from readers who send station information from their areas of the country. This 15th edition continues a tradition begun in 1971 when Elving's first "FM Station Atlas" appeared.

IRCA Stationery

Black on white masthead with the IRCA logo and name. Great for using when writing for verifications. 100 sheets, \$5.00. Order yours today from: IRCA Bookstore, 9705 Mary Ave NW, Seattle WA 98117

IRCA Reprints

The IRCA maintains a large file of articles which have appeared in past issues of DX Monitor. These articles cover a wide variety of topics, including: antenna theory and construction, tips for the foreign BCB DXer, how to improve your DXing skills, history of DXing and broadcasting, lists of stations by subject, construction projects and receiver modification, receiver reviews, medium wave propagation, and more. Copies are available for a nominal charge. For a list of reprints, send \$1.00 to:

IRCA Reprints, c/o Steve Ratzlaff, 1885 E Bayshore Rd Sp 90, E Palo Alto CA 94303.



April 23, 1990

To: Mr. John C. Johnson, Billings, Montana Mr. J. D. Stephens, Owens Cross Roads, Alabama Mr. Stephen S. Howe, Menlo Park, California Mr. Mike Sanburn, Bellflower, California Mr. Jack Woods, Waldport, Oregon Mr. Philip Bytheway, Seattle, Washington Mr. Jerry Coatsworth, Merlin, Ontario, Canada

Gentlemen:

Thank you for taking the time to respond to the KTHO "DX" test on the early morning of March 12, 1990.

This will confirm that the signal, the programming, the timing and codes you reported during that time was indeed that of KTHO-AM, broadcasting from South Lake Tahoe, California.

Our McMartin transmitter was producing our full power of 2,500 watts during the time of the test.

Kind of reminds you that AM vastly out-performs FM when it comes to sheer geographical coverage. Some of us still believe that AM is still superior to FM in several other ways as well.

Again, thanks for your letter.

Heward Cadot, Chief Engineer



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THE INTERNATIONAL RADIO CLUB OF AMERICA (IRCA) PO Box 70223 Riverside CA 92513-0223

The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the AM Broadcast Band (510 - 1720 khz). DX Monitor, the official publication of the IRCA, is published 34 times a year, weekly from October to March, twice in September and April, and monthly from May to August. DX Monitor contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists. IRCA is a member of ANARC, the Association of North American Radio Clubs.

CLUB ADDRESSES AND OFFICERS

President: Bill Hardy, 2301 Pacific Ave, Aberdeen WA 98520 (206) 532-6827 (proposals) Secretary-Treasurer: Ralph Sanserino, PO Box 70223, Riverside, CA 92513-0223 (dues/address changes) Board of Directors: Shawn M Axelrod, Richard Evans, Larry Godwin, Michael S Hardester, John C

Johnson (chairman), Patrick Martin and Robert Wien

Editor-in-Chief/Publisher: Ralph Sanserino, PO Box 70223, Riverside, CA 92513-0223

Publishing Coordinator: Phil Bytheway, 9705 Mary NW, Seattle, WA 98117

MEMBERSHIP DUES

U.S. - \$25.00 per year. Canada - \$27.00. Overseas Surface - \$28.50. Overseas Airmail - \$35.00 (Central America, Caribbean, Colombia and Venezuela), \$38.00 (Europe, North Africa, Middle East), \$41.00 (rest of the world). One time charge for New Member Packet - \$2.00 (first year only). Trial Membership - \$9.50 (10 issues of DX Monitor and a New Member Packet, U.S. / Canada / Mexico only). Installment rate: two payments of 1/2 dues plus \$1.00 (\$13.50/payment for U.S. members). Make checks and money orders payable to IRCA and send all dues (and address changes) to: IRCA, PO Box 70223, Riverside, CA 92513-0223. Persons living outside the U.S., please use International Money Order in U.S. funds. Sample copies of DX Monitor are 29¢ (40¢ to Canada) or two International Reply Coupons each and are available from: IRCA, PO Box 70223, Riverside, CA 92513-0223.

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