

AUGUST 14, 1993 - VOLUME 30 - NUMBER 34 - EDITION 992 - ISSN 0899-9732

NEW MEMBER: Paul Amend. **RENEWALS:** Jerry Neves. Chester Jaffee. Glenn Hauser, Tom Bryant, George Hakiel, Dennis Gibson, Robert Lamorgese, GD Anderson, Frank Aden Jr, Howard Kemp, Wilhelm Herbst Verlag. Welcome to new member Paul Amend and thank you all for keeping me busy.....

RESULTS OF THE TVA VOTE: JD Stephens - 42, Nancy Hardy - 18, Mark Connelly - 8, Shawn Axelrod - 6, John C Johnson - 5. Congratulations. JD receives a year's free IRCA membership and a plaque. I have changed your membership due date JD...Pub.

RESULTS OF THE IRCA BOARD CHAIRPERSON VOTE: John C Johnson -4, Pat Martin - 1, Richard Evans - 1, Larry Godwin - 1. John C Johnson is the IRCA Board Chairperson. The new IRCA officers take office at 1201 AM MDT on September 15, 1993.

IRCA CONVENTION 1994: IRCA President Phil Bytheway is now accepting bids to host the 1994 IRCA convention. If you are interested, contact Phil for details and a bid form. Deadline for bids is October 15, not to very far away. Phil Bytheway 9705 Mary NW Seattle WA 98117.....

EDITORS/POSITIONS: IRCA has some vacancies which include: Election Committee Chairperson and Graveyard DX Records Editor. Interested in filling any of these positions...contact Phil Bytheway for details....

A WORD FROM YOUR CPC

WE ARE NOW BEGINNING WORK ON ARRANGING TESTS FOR THE '93-'94 DX SEASON. DONATIONS, IN THE FORM OF MINT STAMPS, CHECKS (NO CASH, PLEASE), OR SUPPLIES MAY BE SENT TO: J.D. STEPHENS, P.O. BOX 605, HUNTSVILLE, AL 35804-0605.

THE CPC IS OFFERING A NEW SERVICE BEGINNING WITH THIS DX SEASON, THE "CPC NEWSFLASH". FROM TIME TO TIME DURING THE DX SEASON, THE CPC IS NOTIFIED OF A TEST WITHOUT ENOUGH LEAD TIME TO GET THE INFORMATION IN PRINT. THE "CPC NEWSFLASH" IS DESIGNED TO HELP OVERCOME THIS PROBLEM. SIMPLY SEND A SUPPLY OF SELF-ADDRESSED 19-CENT US POSTAL SERVICE POSTCARDS TO THE CPC ADDRESS BELOW. WHEN WE ARE NOTIFIED OF A TEST WITHOUT ENOUGH LEAD TIME TO GET THE INFO IN PRINT, A CARD WITH YOUR NAME WILL BE SENT TO YOU WITH THE NECESSARY INFO. ONLY THOSE WHO HAVE SENT IN CARDS WILL BE NOTIFIED OF THESE LATE-BREAKING TESTS. THE LAST CARD SENT TO YOU WILL CARRY A MESSAGE NOTIFYING YOU THAT YOUR SUPPLY OF CARDS IS EXHAUSTED. SEND AS MANY CARDS AS YOU WANT, BUT 5 OR 6 SHOULD BE SUFFICIENT TO LAST EACH DX SEASON. SEND YOUR POSTCARDS TO: J.D. STEPHENS, P.O. BOX 605, HUNTSVILLE, AL 35804-0605.

FOR THOSE OF YOU WHO ARE AWAITING VERIFICATIONS FOR THE DX TEST FROM WVHI-1330, EVANSVILLE, IN, PLEASE BE PATIENT. I HAVE RECENTLY SPOKEN WITH CHIEF ENGINEER RALPH TURPEN, WHO SAYS THAT THEY WERE "OVERWHELMED" WITH RECEPTION REPORTS. WVHI RECEIVED OVER 80 RECEPTION REPORTS FOR THEIR APRIL DX TEST, INCLUDING REPORTS FROM GERMANY AND GREENLAND. MR. TURPEN SAID HE HAD JUST TAKEN PHOTOGRAPHS OF THEIR NEW TRANSMITTING TOWERS, AND IS IN THE PROCESS OF HAVING THESE PICTURES MADE INTO A "PHOTO" QSL CARD.

DX TEST from the NRC CPC
SEPTEMBER 5th, 1993

WSEZ 1560 Box 26 Paoli IN 47454 Sunday Sept 5th, 1:30 to 2:00 AM EDT. Test will be at 1000 watts and will include Morse code ID's. Reports to: Tod Edwards.

WCEI 1460 306 Port St Easton MD 21601 Sunday Sept 5th, 2:30 to 3:00 AM EDT. Test will be at 500 watts and will include Morse code ID's and Big Band music. Reports to General Manager.

WASB 1590 6675 Fourth Section Rd Rockport NY 14420 Sunday Sept 5th, 4:30 to 5:00 AM EDT. Test at 1000 watts and will include Morse code ID's and contemporary music. Reports to General Manager.

September 6th, 1993

WCSI 1010 3212 Washington St Columbus IN 47203 Monday Sept 6th 2:00 to 2:30 AM EDT. Test at 330 watts and will include Morse code ID's and regular programming a talk show. Reports to General Manager.

WCEG 1530 PO Box 329 Middleboro MA 02346 Monday Sept 6th, 1:30 to 2:00 AM EDT. Test at 1000 watts and will include Morse code ID's. Reports to General Manager.

IRCA CONTESTS

Nancy Hardy, 2301 Pacific Ave., Aberdeen, WA 98520

"DX PARTNERS" – AN EXCITING NEW CONTEST!

The rules for the 1993-94 contests will appear in DX Monitor in September. But this year we will have a new contest called "DX Partners." so let's team up the partners **now!!**

In this contest, a pair of DX'ers will log as many states as possible, with a limit of ten stations per state for each team. Each station will count one point. Obviously, a team of one DX'er in Arizona and one in New York would be more sensible than a team of two DX'ers from Washington!

I would like to register teams on September 15 as the contest will begin October 1.

Do you wish to choose your partner? If two members want to enter this contest as a team, by all means go ahead and team up. If you know your teammate, please register by September 15.

Do you wish to have us choose your partner? If you want to enter the contest but don't have anyone special to team up with, I'll assign you a partner and let you know by September 15 who it will be. Please let me know by September 1 that you wish to enter.

THERE IS NO ENTRY FEE FOR ANY IRCA CONTESTS.

How about a FOREIGN DX CONTEST? We are planning to have a contest for logging foreign countries and stations beginning Oct. 1. If you have any suggestions for rules, drop me a line right away. As you can see, we hope to get more people involved by having more kinds of contests.

More specific rules will be given later. I just wanted to let everyone know as soon as possible about this exciting new contest, and to give you time to choose your teammate!

BROADCASTING INFORMATION

EDITOR: ROBERT WIEN 1309 DENTWOOD DR SAN JOSE CA 95118

DEADLINES: 2nd & 4th Saturdays.

Compiled: 07/19/93

Much of this information was compiled from M Street Journal, DXM, and various other sources.

CONSTRUCTION PERMIT ACTIVITY:

KY. Eminence WKXY-1600 decreases to 320-D
Whitesburg WTCW-920 decreases to 4200-D, ND

FACILITY & PARAMETER APPLICATIONS:

AL. Hartselle WHRT-860 move to 890, 5000-D
ND. Wishek KDRQ-1330 233/108

FACILITY AND PARAMETER GRANTS:

AR. Batesville KAAB-1130 20-N, DA-1
ID. Boise KBSU-730 15000/500, DA-2
MA. Leicester WVNE-760 25000-D, 8600-CH, ND
NJ. Elizabeth WJDM-1530 1000-D, 670-CH
OR. Tigard KEZF-1040 500/500, DA-N, move to Beaverton, OR.
PA. Bedford WAYC-1310 2500-D
Canonsburg WWC5-540 5000-D
PR. Patillas WEXS-610 250-D

CALL LETTER CHANGES:

CA. Fresno KBOS-1340 becomes KKTR

FORMAT CHANGES:

AL. Mobile WABB-1480 was nx/talk, adds USA talk
AR. Bentonville KJEM-1190 was stds., now contemp. Xtian
CA. Fresno KKTR-1340 was KBOS, nx/talk, adds USA talk
Porterville KTIP-1450 was nx/talk, adds USA talk
Quincy KPCC-1370 was country, tal, now Unis. stds., talk
Ridgercrest KZIQ-1360 was AC//FM, now SGC Xtian C&W
San Francisco KNBR-680 was talk, sports, adds SEN sports
Taft KMYX-1310 was rock AC//FM, now Unis. oldies
CO. Grand Junction KSTR-620 was talk, adds USA talk
FL. Babson Park WXPQ-1530 was oldies//WAUC, now talk
Englewood WENG-1530 was AC, talk, now USA talk, stds.
GA. Gordon WBNM-1120 was bus. nx, now country gold
Thomasville WSTT-730 was silent, now nx/talk
ID. Payette KIOV-1450 was SS, rptd. silent
IL. Fairfield WFIW-1390 was talk, adds USA talk
IN. Elkhart WCMR-1270 was country, adds USA talk
Jeffersonville WKVW-1450 was SMN Kool Oldies, now SMN oldies
IA. Boone KWBG-1590 was AC, to be JSN C&W upon sale
Creston KSIB-1520 was country//FM, adds JSN C&W//FM
Webster City KOWC-1570 was AC//FM, now JSN soft AC//FM
KY. London WMAK-980 was oldies, now s. gospel
Neon WNKY-1480 was country, nx, now silent pending sale
Shepherdsville WBUL-1470 was s. gospel//WZCC, now silent
Winchester WHRS-1380 was soft AC, talk, now Super country
LA. Monroe KLIC-1230 was silent, now religion

FORMAT CHANGES (CONT.):

ME. Westbrook	WLPZ-1440	was bus. nx, talk, now SEN sports
MA. Gardner	WGAW-1340	was silent, now SMN stds.//WSRO
Springfield	WSPR-1270	was silent, to be SS
MI. Kalamazoo	WQSN-1470	was country, now SEN sports
MN. Staples	KNSP-1430	was silent, now oldies
MS. Amory	WAMY-1580	was AC//WAFM, now s. gospel
Jackson	WSLI-930	was talk, adds SEN sports
Pontotoc	WSEL-1440	was silent, now s. gospel
MO. Cape Girardeau	KAPE-1550	was country, now nx/talk (WWI, Unistar)
De Soto	KHAD-1190	was silent, now JSN C&W
Festus	KJCF-1400	was AC, now MBS talk
NE. Omaha	KOIL-1290	was silent f/repairs, now C&W//KXKT pending sale, to sim. KKAR-1180 nx/talk when sale closes)
NJ. Mount Holly	WWJZ-640	was stds., now silent
NY. Buffalo	WEBR-970	was nx, jazz, now nx
Freeport	WGBB-1240	was nx/talk, adds Unis. AC days (sim. WGSN Huntington mornings)
New York City	WZRC-1480	was country, now brokered Korean
NC. Albemarle	WOLX-1010	was silent, now nx/talk //WZKY
Burgaw	WVBS-1470	was CHR, now silent
Taylorsville	WQXZ-860	was oldies, now country/oldies
OH. Columbus	WCTM-1130	was talk, EZL, adds USA talk
OK. Norman	KNOR-1400	was AC, talk, adds USA talk, now all tlk
OR. Baker	KBKR-1490	was oldies, talk//KLEM adds JSN oldies //KLEM-1450
La Grande	KLEM-1450	was oldies, talk, adds JSN oldies
PA. Gettysburg	WGET-1320	was AC, talk, adds MBS King, Buchanan
Portage	WHYM-1470	was oldies, now SMN oldies//WKXU
SC. Batesburg	WBLR-1430	was silent, now JSN-C&W, urban//WJRO
Greenville	WPCI-1490	was BRN bus. nx, adds JSN jazz nights
Lexington	WLGO-1170	was oldies, now gospel
Newberry	WQMG-1520	was AC//FM, now JSN oldies, urban//FM
SD. Rapid City	KOTA-1380	was soft AC, talk, now talk
KIMM-1150	was country, now WWI, Unis., DAN talk	
TN. Cleveland	WCLE-1570	was country, to be SMN C&W//FM (Sept.)
Fairview	WPFJ-850	was silent, now SMN Real country
Jefferson City	WJFC-1480	was country, now country//WNDD
TX. Beaumont	KZKT-1380	was KKFH, silent, now s. gospel
Crockett	KIVY-1280	was soft AC, now JSN oldies
Houston	KCRR-1070	was KRBE, CHR//FM, now contemp. Xtian
Huntsville	KYLR-1400	was oldies, adds EFM talk
Texarkana	KHSP-1400	was rel., talk, adds USA talk
UT. Centerville	KBBX-1600	was rel. SS, now religion
VA. Bassett	WODY-900	was country, now silent
Danville	WDVA-1250	was silent, now gospel
Fildale	WODY-1160	was WCBX, country, is new, will go to rel. format on 8/1
Manassas	WKDV-1460	was WPRW, silent, now kids format//WKDL
WA. Everett	KRKO-1380	was AC, now SMN oldies
Spokane	KTRW-970	was sports, adds SEN sports
WV. Pineville	WVYO-970	is new, country/variety

Mike Sanburn of Bellflower, CA. passes on the following tip:

CO. Dillon	KHTH-1130	apparently was silent, back on //
	KNUS-710	Denver, came back on in mid-June

Thanks, Mike. DX is still horrid here, maybe it will pick up as the summer moves into fall soon. 73's.

IRCA Stationery

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

DEADLINES: 2nd & 4th Saturdays.

Compiled: 07/20/93

Much of this information was compiled from M Street Journal, DXM, and various other sources.

NOTE: THIS IS A BONUS COLUMN OF PREVIOUS MISSING INFO FROM LATE JUNE, THIS INFO MAY BE A BIT OLD!

FACILITY & PARAMETER APPLICATIONS:

FL. Pompano Beach WRBD-1470 50000-D

FACILITY AND PARAMETER GRANTS:

CA. San Diego KURS-1040 370/470, duplex from KSON xmtr
Thousand Oaks KCTQ-850 25000/1000 DA-2
FL. Chattahoochee WTCL-1580 become daytimer only

CALL LETTER CHANGES:

FL. Brandon WEND-760 becomes WBDN
Winter Park WPRD-1440 becomes WWZN
GA. Brunswick WHJX-790 becomes WPIQ
IN. Terre Haute new-640 becomes WBOW
WBOW-1230 becomes WBFX
MI. Marine City WSMA-1590 becomes WIFN
NC. Eden WEDE-1130 becomes WCLW
OH. Cincinnati WKRC-550 becomes WLWA
VA. Blackstone WBBC-1440 becomes WKLV
Richmond WRNL-910 requests WRVH
WI. Sheboygan WKTS-950 becomes WCNZ

FORMAT CHANGES:

AL. Florence WSEM-1340 was urban now SMN urban AC
AR. Benton KGKO-850 was stds//FM, now Unis. stds.
GA. Brunswick WPQJ-790 was WHJX, silent, now s. gos/cont.Xtian
Macon WNEX-1400 was stds, talk, now talk
North Atlanta WCNN-680 was all nx, now SEN sports
IA. Indianola KXLQ-1490 was C&W//KELR-FM, now Reach s. gospel
MI. Bay City WMAX-1440 was all nx, now SEN sports
Escanaba WCHT-600 was oldies, talk, now MBS, DAN talk
Rockford WBYY-810 was soft AC, adds WOR, USA, SUN talk
NE. Omaha KOIL-1290 was country//KXKT, now silent due to
fire (station should now be sim. KKAR)
NY. Geneva WGVA-1240 was AC, oldies, talk, now JSN oldies
New York City WABC-770 was talk, adds Unis. Liddy talk
NC. Eden WCLW-1130 was WEDE, oldies, now AC 'classic'
OH. Dayton WHIO-1290 was nx/talk, adds Talknet
PA. Philadelphia WIP-610 was sports, adds SEN sports overnight
VA. Richmond WRVH-910 was WRNL, nx/talk/sports, now talk/sports
(Liddy, MBS-King, EFM, ID as 910 WRVA)
WV. Berkeley Springs WCST-1010 was C&W//FM, now silent
WI. Hurley WHRY-1450 was EZL, now oldies
Sheboygan WCNZ-950 was WKTS, oldies, talk, now CNN Unis. nx,
ESPN sports
WY. Sheridan KROE-930 was SMN AC, SMN Hot AC, now SMN Hot AC
BC. Vancouver CKLG-730 was CHR, now hot AC, talk (3 1-hr. talk
blocks, to expand this)

That's it! 73's. This info is approx. 1 month old as of 7/20.

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.

DEADLINES: 2nd & 4th Saturdays.

Compiled: 08/03/93

Much of this information was compiled from M Street Journal, DXM, and various other sources.

CONSTRUCTION PERMIT ACTIVITY:

CA. Frazier Park KNOB-1050 rptd. on the air w/10000-D, DA
SC. Manning WYMB-1410 moves to 920, 5000/1000 DA-N

FACILITY & PARAMETER APPLICATIONS:

AZ. Cave Creek KCCF-1100 50000-D (CP)
CA. San Bernadino KCKC-1350 600-N

FACILITY & PARAMETER GRANTS:

FL. Indian Rock Beach WXYB-1520 600 w.

CALL LETTER CHANGES:

AL. Ozark WFSF-1200 becomes WQLS
FL. Miami Beach WMBM-1490 becomes WSBH
GA. Alpharetta WAZX-1400 becomes WVNF
IL. Wood River KEZK-590 becomes KFNS
IN. Elkhart WCMR-1270 becomes WFRN
ME. Lewiston WKZN-1470 becomes WZOU
MD. Baltimore WHLP-1360 becomes WWLG
MI. Zeeland WROR-640 requests WISZ
NJ. Pompton Lakes WKER-1500 requests WGHT
NM. Albuquerque KMBA-1050 becomes KJBO
NC. Taylorsville WQXZ-860 becomes WACB
PA. Olyphant WWAX-750 becomes WMXG
SD. Sioux Falls KJIA-1520 requests KCGN
TX. Houston KCRR-1070 becomes KRBE
Mineola KM00-1510 becomes KJMC
San Antonio KVAR-1160 requests KENS
KONJ-1310 becomes KXTN
UT. Ogden KJQN-1490 becomes KJOE
Tremonton KUFA-1470 becomes KNFL
VA. Bassett WODY-900 becomes WCBX
Fieldale WCBX-1160 becomes WODY (CP)
Manassas WPRW-1460 becomes WKDV
WI. Kaukauna WQWM-1050 requests WSGC

FORMAT CHANGES:

AL. Greenville WGYV-1380 was AC//FM, now EFM talk, s. gospel
Ozark WQLS-1200 was silent, WFSF, now nx/talk (CNN)
Selma WMRK-1340 was country, now urban
CO. Aspen KRKE-1260 was country, now silent
FL. Arcadia WRGF-1480 was silent, now c. Xtian//FM (to
switch to separate s. gospel form. soon)
Avon Park WKHF-1390 was silent, now country oldies
Jacksonville WCRJ-1530 was gospel, now country
Valparaiso WFSH-1340 was stds., adds FTP talk
GA. Sandersville WSNT-1490 was AC//FM, now s. gospel, JSN CD C&W//FM
Smyrna WAZX-1550 was WYNX, rel., now reg. Mexican
HI. Hauku KUAU-1570 is new, ethnic/jazz //KPOA
ID. Gooding KRXR-1480 was silent, now country
IL. Macomb WLRB-1510 was AC//WLMD, now country//WLMD
KS. Hutchinson KWHK-1260 is new, Skylight c. Xtian
KY. Covington WCVG-1320 was country//WNKR, now black gospel
Hartford WLLS-1600 was rock, C&W//FM, now AC//FM
MD. Bethesda WTEM-570 was sports, adds Unis. IMUS mornings
MA. Boston WMEX-1150 was AC//FM, now ethnic
WSSH-1510 was SS (tropical), rptd. silent
MN. Monticello KMOM-1070 was silent, now gold-based AC

MS. Brookhaven	WJMB-1340	was AC, rptd. silent
MO. Sullivan	KTUI-1560	was country//FM, now FTP talk
NM. Albuquerque	KJBO-1050	was KMBA, bus. nx, now SMN Kool Oldies
NY. Baldwinsville	WSEN-1050	was oldies//FM, now Unis. stds.
Troy	WTRY-980	was oldies, adds Unis. Imus mornings
OR. Eugene	KEED-1600	was trad. country, now silent due to fire
PA. Olyphant	WMXH-750	was WWAX, silent, now CSN children's format
TN. Gallatin	WHIN-1010	was country, adds SMN Trad. C&W
TX. Mineola	KJMC-1510	was KMOO, silent, now SOC Xtian C&W/nx
UT. Tremonton	KNFL-1470	was KUFA, silent, now AC
VA. Orange	WJMA-1340	was CHR//FM, now country gold
WI. Madison	WTSO-1070	was country, talk, now nx/talk/sports (WVL, Unistar, Sports Byline, AC w/ends)
Sun Prairie	WMAD-1190	was silent, now Unis. stds.
AB. Lethbridge	CKRX-1090	was CHEC, oldies, now rock

Tom Bryant of Nashville, TN. passes on the following tips:

TN. Brentwood	WYOR-560	fixed their 4-month mod. problem, now normal operation, may not be going directional at night
Smyrna	WKOX-710	is back on w/religion/gospel format
Nashville	WENO-760	had stereo fixed for few days, then disappeared, stereo op's sporadic
Fairview	WPFJ-850	extended ops past former 5 PM LT s/off, s/off time varies, C&W/s. gospel format
Ashland City	WQSV-790	no longer //WQSE-1030, WQSV religion, WQSE now C&W, very little talk

John Johnson corrects some typos in 6/7 column:

KY. Louisville	WDJX-1080	should read this, <u>not</u> WJDX
NY. Rome	WZLB-1450	should read this, <u>not</u> WZLG
BC. Tuktoyaktuk	CFCT-990	should read this, <u>not</u> CFCP

John also passes on that the former calls for CKDR-5-1340 Red Lake, ON. were CKRE. Thanks, Tom & John!

A Fairly long column, my birthday is 3 days away, I'll be double-digit 33, and I'm getting gray, too! 73's.

KIDS Radio am 1340



Radio for Kids

6:30 am to 6:30 pm Seven days a week!

KIDS is a children's audio library you can bring into your home and take with you in your car every day!

DX WORLDWIDE II

Bruce Portzer

All times UTC

6546 19th Avenue N.E.

Seattle, WA 98115

We'll begin this issue with a report from Larry Flegle, who logged the following stations while on a recent trip to Bang Kha, Thailand (all receptions were on a Sangean ATS-803A).

- 542 6/20 2156, mx, suspect CC, very untempo
578 6/22 2149 unk Thai stn, traditional mx
585 6/22 2153, Thai stn, man w/nx
604 6/22 2155, Commercials, wish I knew Thai.
684 6/22 2206 Gansu PBS, Lanzhou, China, traditional mx, man & woman talking & laughing.
1143 6/22 2202 stn in Thai(?), do not believe it to be China (Zhangzhou Economic BS).
1170 6/20 2152 Thai male in slow determined voice.
1214 6/20 2148, mx sounded more JJ than anything else.
1251 6/22 2204, Dingdao Economic BS strong, male ancr.
1575 6/20 2140, VOA, news in Thai w/some English words, alternating male & female ancrs, report on Pepsi contamination.

Now on to other news:

PAN AMERICAN

BOLIVIA: Split frequency stations gleaned from a list in the Arctic bulletin: CP208 R Sipe Sipe has drifted to 1045 from 1040, for commercial reasons they moved from Sipe Sipe to Quillacollo; CP173-1075 ex 1030 R Agricultura; R Crucena-1125 ex R Jenecheru in Cotoca, Santa Cruz, 1130-2200, nominal freq is 1530, does not have an official license; R Porvenir-1125 in Tiquipaya, Cochabamba; 1195 CP108 R Independencia, Quillacollo, Cochabamba, ex-1200 1000-2300 M-Sat, off Sun; R Uncia-1265 drifted from 1260; 1275 CP187 R Chane 1000-0300 (1100-2200) SaSu; R Alborada-1445, Santa Cruz, 1 kw 1100-0100(2400) Sa 1600 Su; CP262-1475 Emis Verde v Blanco, Santa Cruz, ex-1450, 1000-0700; CP152 El Mundo Radiodifusion 0900-2200 daily "Voz del Chupare Tropical"; CP135-1485 La Voz del Valle is here from 1580 [Arctic]

COLOMBIA: HJ?? R Brisas del Catatumbo, Tijon Norte de Santander hrd in Velezuela on 2nd harmonic w/anti-guerrilla pgm, HJBO hrd on 1369.5, HJLQ hrd on 1520.3 [Arctic]

CUBA: Radio 8SF-760 in Municipio II Frente is

new w/ 25 kw; Radio Taino, Santa Clara has been on 890 since early April [Arctic]

GUATEMALA: TGRV R.560 is on 550!; TGW-640 is not inactive as stated in WRTH-93, ID as "La doble V, La Voz de Guatemala; TGL, Radio Victoria is on 870; TKG-1240 also IDs as Radio Luz [Arctic]

MEXICO: stations of the Grupo Radiopolis organization can now be QSLed as follows: v/s Miguel Angel Barrientos Valadez, Dir Tecnico de Plantas Transmisoras, Calzada de Tlapan No 3000, Col. Espartaco, C.P. 04870, Mexico, DF. This group consists of XEWA-540, XEX-730, XEW-900, XEQ-940, XEWW-6165/9515/15160, & XEQQ-9680. [NZDXT]

PANAMA: HOPU-540 Lider540 is 5kw 1000-0400; Faro de David 1240 is new 1kw 1100-0400M-F, 1100-0100 Sa, 1200-1800 Su; HOS56-920 is now 2.5 kw [Arctic]

TRANS ATLANTIC

ARMENIA: Yerevan-702 is 150kw w/Mayak 2300-2200, delete 1560, Yerevan-1314 1000kw w R. St. Yunost [Arctic]

BELGIUM: 1125 1233 & 1305 French 2nd program will probably close down its MW service very soon [Arctic]

FINLAND: Lahti-252 was taken out of service 5/31 [Euronews]

GERMANY: MDR-1044 was to leave MW 6/30, VOA will drop all German pgms 10/1, this will affect 1197, 177 207 810 1539 & 1575 will either leave the air or carry a new service on 12/31, a new station called Deutschlandradio will operate from Kohn on 153 and Berlin on 549 & 756, Langgruberg 1593 "has been off come time" to install RDS service on xr, but is now back on [Arctic]

MELILLA: R One is on 972 ex 1359. [Arctic]

MONACO: Riviera Radio 702 is the new name of ex-RMC Italian Service, currently uses 40kw 0500-1730 but plans to raise power [Arctic].

SAO TOME E PRINCIPE: VOA-1530 is now on the air 0800-0700 & 1600-2200, being hrd well in Sri Lanka [Media Network, via Arctic]

SPAIN: RNE1-774 La Linea, Andalucia is new, (CPE-900) Caceres ex 1224, R Cadiz-090 ex 1485, RNE5-1152 ex 936, R Casilla Burgos 1287 ex-1584, RNE5 Bilbao 1405 (not 936) /1476. [Arctic]

UKOGBANI: Due to massive criticism in the

British press, the BBC is reconsidering plans to drop Radio Four on 198 and replace it with a news station. A decision is expected later this year. [Arctic]

TRANS PACIFIC

AUSTRALIA: 3GG-531 plans to change to a racing format linked to 3UZ-927. 3PB Melbourne moved from 1593 to 1026. SBS Special BCing Service will open a second network stn in Melbourne by late 1993, probably on 1116 1422 or 1593. 3BO-945 moved to FM 5/5. 7HT & 7EX ID as "You're tuned to 7TAB statewide through 7HT Hobart & 7EX Launceston". Verie signer for 2RPH 1539 is Dave Rosa. The ABA is considering a proposal to allow stations to operate at higher power levels during the day. 2WS-1224 hoped to move to FM at the end of May; 2RPH plans to move to 1224 from 1539 after 2WS vacates. 3EE-693 left the air suddenly at 0600 5/27 after being sold, and is currently //3MP-1377. 2CO-675 Corowa has started relaying NSW pgms 6/28 w/local pgms originating from 2RVR studios in Wagga Wagga. 3AK-1503 has BBC World Service after midnight local time, 3RPH-1179 carries it after 11:30 pm. [DXA/NZDXL]

HONG KONG: Commercial Radio 864 dropped its AM Alive in favor of all-music "Quote 864" with back-to-back 20 minute pre-recorded tapes. Metro News 1044 has been renamed Metro News Plus. [Arctic]

NEW ZEALAND: R Rhema Christchurch is on 612 as of 4/6 with local programming 3-7 pm local time Mon-Fri. Auckland's 1476 AM (formerly Airport Radio) now has sportstalk 1800-2400 local time, othertimes relays 91FM "The Breeze"; new owner plans to change to a "Lifestyle Radio" format, selling hourly blocks of "advertorial" pgms such as travel, finance, cooking, etc. Pacific Islands Radio has been allocated 531 kHz in Auckland, with pgms for the 110,000 Pacific islanders living in the area; will be English 6am to 7:30 pm, then various island langs until midnight, and may hit the air in late July [NZDXT]. Classic Gold Radio Ranturly has moved from 981 to 729 [DXA]. R New Zealand has undergone management changes, which include separating the non-commercial National Radio from RNZ's commercial stations; the change could lead to RNZ selling its commercial stations in order to pay off debts [World Broadcast News, via Arctic]

LEARNING VALUABLE LESSONS FROM RADIO TONGA

by Martin Allard, Project consultant to UNESCO [reprinted from Interadio, Vol 5 No 1, 1993, via Arctic Radio Club]

The ancient Polynesian kingdom of Tonga comprises over 160 inhabited sub-tropical islands in a vast but mostly empty stretch of the South Pacific. Any traveller to this land is struck by the

lonely beauty of the tiny islands and the placid way of life.

Back in 1985 Radio Tonga was operating an elderly 10kw medium wave transmitter which could not effectively cover the country. A UNESCO project sought to supplement this medium wave service with three local FM stations for the major island groups.

Tonga technicians were trained to assemble small FM transmitters and several of these were installed. However even with high power it turned out that the population was so thinly spread over so many islands that only a small proportion could be served.

The next step was to provide a 1kw shortwave transmitter to help cover the outlying islands. Another low-cost UNESCO transmitter design was used and it worked well; almost too well! Within a few weeks reception reports were coming in from as far away as Canada. The World Service of Radio Tonga was on the air.

The FM transmitters assembled by Radio Tonga technicians functioned well for over 5 years, quite an achievement considering that they had never built anything like this before. But by the time the equipment needed maintenance the staff who had originally been trained had all emigrated.

Sadly, this is a familiar story, and one which raises disturbing questions about the whole philosophy of technology transfer. With a limited budget, the aim of the UNESCO community radio projects has always been to sow the seeds of self-sufficiency, not to provide simple aid. In almost every case the training has been a success, but there's is no was of keeping the trained staff where they are needed. To say that these people should stay and help their own country is an expression of northern hypocrisy. Should we therefore forget about the training and just dispense as much equipment as we can?

The experience of Radio Tonga showed that "packaged" solutions are unlikely to work in countries with such unusual topography, and the details of a broadcasting plan have to be worked out on-site. It showed that retaining skills in the country can be more difficult than providing training. In this situation technology transfer has to be a continuous process.

The positive side is that we introduced both FM & SW broadcasting to Tonga, and both were immensely popular. They expanded the horizons of radio in that country to cover all the islands and far beyond. The SW service enabled people on remote islands to receive national programs for the first time. It provided a better service than the old MW station and was set up at a very low cost. Meanwhile, the FM service gave an alternative high quality channel which was greatly appreciated. Radio Tonga is now a much more dynamic and modern station.

CREDITS: Arctic DX Club (Arctic), DX Australia (DXA), New Zealand DX Radio League (NZDXRL), Shortwave Echo (SW Echo), EuroNews (via Richard Eckman), and other sources as noted.



PAT MARTIN P.O. BOX 843 SEASIDE, OR 97138

DX Worldwide - West

Time: UTC phone (503) 861-3185

DEADLINES: 8/23, 9/6

Not a lot of DX going on this Summer. Conditions seem to be better than most Summers, even with all the Thunderstorm crashes. Finally received info on my UNID on 530 KHZ, thanks to Shawn Axelrod. I knew someone in the East must have heard them. Thanks again Shawn. On with reports:

PAN-AMERICAN DX ROUNDUP

- 530 TURKS AND CAICOS ISLANDS, Radio Vision Christiana. Hrd with SS talk and mx 7/28 at 0250. Fair. Talk and mx was of a Rel. nature. At 0300 hrd clear WWRV-1330 ID. Now on, infact this was easily hrd around 0400 6/26 At the IRCA convention DX'pedition. We thought it was CIAO doing something unusual. Boy was I big time wrong. This 6/26 transmission must have been one of the first. It only shows ignorance is not bliss. New for me. (SA-MB) (I hrd them here on 7/6. Thx for the tip on this. PM)
- 890 MEXICO, Culiacan-XENZ-atop all w/commercials for Culiacan merchants 0315-7/28. (LG-MT)
- 1560 t MEXICO, Mexico City-probably the one mixing with WQEW and under at times 1100 7/21. (PM-OR)

TRANS-PACIFIC DX ROUNDUP

- 540 WESTERN SAMOA, Apia-2AP, fair above jumble at times at 0734 on 7/31 with man in Samoa talking, no music hrd. 747 is in EE alot of the time with nice Samoan mx, some U.S. Pops, then 540 is normally solid Samoan talk in the evenings/mornings. (PM-OR)
- 1615 NEW ZEALAND, Ohura-hrd with morse code ID "OR" about half the mornings in late July around 1200. (LG-MT)
- 1622 UNID, beacon transmitting Morse code noted 7/19 1203. ID seemed to be "ZY", not listed. Very weak. OR-1615 was strong at this time, but TM-1630 was not. Ideas? (LG-MT)
- 1620 UNID, suspected Australia with Moon River, then ann. by man at 1200 7/28. No interval signal. Which Aussie(s) are left here? (LG-MT) (A couple of the hospitals are using some of these freqs. but I think 7RPH-Tasmania may still be operating here. PM)
- 1630 NEW ZEALAND, Taumaruni-weak w/morse code ID "TM" at 1156 on 7/28 (LG-MT)

THANKS TO THESE GREAT REPORTERS

- SA-MB SHAWN AXELROD-30 BECONTREE BAY-WINNIPEG MB R2N 2X9
Icom -ICR 70, 4 foot Box Loop, 100 foot LW
- LG-MT LARRY GODWIN-2390 CLYDES DALE LANE-MISSOULA MT 59801
Hammarlund HQ-150, Sanserino Air Core Loop
- PM-OR YOUR EDITOR
Drake R8, Hammarlund SP-600, 1800' NNW Bev, 1500' E. Bev., Term.
200' SW/NE Wire, Ground System, Phasing unit, Tun-4 Ant. tuner.

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WESTERN DX ROUNDUP

Nancy Hardy
2301 Pacific Avenue
Aberdeen, WA 98520-4527

★PRODIGY
FMFT21B

DEADLINES FOR WDXR TIPS: Mon. Aug. 23, Sat. Sept. 4. PLEASE USE EASTERN TIME.

REPORTERS FOR THIS ISSUE:

- (LG) Larry Godwin-2390 Clydes Dale Lane-Missoula, MT 59801
Hammarlund HQ-150, Sanserino air-core box loop
- (BH&NH) Bill & Nancy Hardy-2301 Pacific Ave.-Aberdeen, WA 98520
(BH&NH-WA1) Travelling Interstate 90 from Seattle to Spokane, WA
(BH&NH-MT) Travelling Interstate 90 from Missoula to Butte, MT
(BH&NH-OR) Travelling Interstate 5 in Eugene, OR
Chevy Astro van radio
- (GJ) Gary Jackson-7735 Center Parkway-Sacramento, CA 95823
FRG-8800, Kiwa loop
- (GK) Guy Kudlemyer-5669 D Street-Springfield, OR 97478
Modified FRG-7, Kiwa loop, QF-1
- (PM) Patrick Martin-P.O. Box 843-Seaside, OR 97138
Drake R8, term. 1500' E. Beverage, term. 1800' NNW
Beverage, homebrew phasing unit
- (MS) Mike Sanburn-P.O. Box 1256-Bellflower, CA 90707
GE Superadio II
- (PT) Pete Taylor-2614 Jackson St.-San Francisco, CA 94115
- (SW) Stan Weisbeck-411 E. Sinto #203-Spokane, WA 99202
Sony 2010, Kiwa loop
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118
GE Superadio, GE long-range portable, SM-2
(RW-NV, ID, MT) DX'ing along way to/from Billings, MT convention
(RW-MT1) DX'ing near Anaconda, MT

OF SPECIAL INTEREST

- 580 KANA MT, Anaconda 6/24 0337 excellent with ID "Good times, and the greatest hits of the 50's." Night power unknown. Excellent. (RW-CA)
+6/24 1600 ending promo for recent winner of classic car, "Your 50's rock and roll station, KANA Anaconda. It's 2:00." Into more SMN Kool Gold. Had been listed as silent last year. This was Nancy's favorite station of the vacation trip. (BH&NH-MT)
- 630 KKPL WA, Opportunity 7/6 1401 between country songs, "Today's hot new country, from KNFR-FM and KKPL-AM, Opportunity, Spokane and Coeur d'Alene, it's 96 Frog FM." Ex-KHDL which was CNN Headline News. (BH&NH-WA1)
- 1040 KEZF OR, Tigard, Portland has a new radio station! Signed on 6/28 0900 with Christian programming from the K-Love net. They ID as "KSKD Sweet Home-Corvallis-Salem, KEZF Tigard-Portland, and KRVC Medford." They also have KRDG-1330 Redding and other CA FM'ers. On 24 hours a day sharing xmtr site with KPHP-1290, running 2.3kw daytime/250 watts at night ND! Fair here days, haven't checked at night as yet. Address: Brian Walker, KEZF, 14780 SW Osprey Dr. Ste. 240, Beaverton, OR 970007. (PM-OR)
- 1230 KLXR CA, Redding 6/14 0514 good under KCBN with ID "Real Country, KLXR." Had been silent for unknown period. (RW-CA)
- KRXX ID, Rexburg 6/27 1900 not silent as previously reported. On air with "Peoples's Radio Network," ID "You're listening to People's Radio on 1230, KRXX." (RW-ID)

- 1340 KKTR CA, Fresno 7/12 0730 dominant with ID "At 1340 this is KKTR, Talkradio for Fresno." Heard brief news item, spot, then Jim Bohannon. New calls, ex-KBOS/KKAM/KMAK. (MS-CA) +7/26 0800 call change, ex-KBOS, good on top with Mutual news, ID "KKTR, Talkradio for Fresno," another ID as "Talkradio 1340, Talkradio for Fresno." (RW-CA)
- 1450 KOBO CA, Yuba City 6/29 reported silent in NRC Log, now broadcasts in Spanish. ID's as "Radio Grande, KOBO Yuba City." Strong here this morning 1000. (GJ-CA)
- (KEZJ) ID, Twin Falls 6/23 1850 noted silent while driving thru Twin Falls. Apparently off air. (RW-ID)
- 1600 (KEED) OR, Eugene 7/31 1815 and 2245 noted silent while in Eugene, ex-SMN Real Country. Thanks to GK-OR for mentioning KEED silence in his 1610 Albany OR TIS tip. (BH&NH-OR)
- *****
- 530 TIS CA, Altamont Pass has new recording, now gives who to write to (federal & state) and info about windmills. Poor here. (GJ-CA)
- TIS CA, Truckee 7/16 0800 Cal Trans Advisory Radio in Truckee-Tahoe area giving road conditions and delays while roads are being worked on and repaired (highways 80, 89 267 & 28). Strong. (GJ-CA)
- TIS MT, Missoula 6/23 & 7/4 Reserve Street construction info. No calls given. Awfully close to 52kHz frequency of lkw beacon "INE"! (BH&NH-WA1)
- WMYD255 WA, Ritzville 7/6 1409 7/6 1409 folksy male announcer with things to see and do in Ritzville, operated by City of Ritzville. Nancy identified this as "the only radio station in Ritzville" during the quiz at the Billings convention! (BH&NH-WA1)
- 540 KIEZ CA, Carmel Valley 6/14 1615 strong with old type music of the 40's, 50's, etc. (GJ-CA)
- 550 CKPG BC, Prince George 7/23 0415 weak mixing with CFJC/KBOW. (SW-WA)
- CFJC BC, Kamloops 7/23 0419 fair "Listen for Pet Posse (report on lost & found pets) weekdays on JC 55," then JC 55 jingle into music, mixing with CKPG/KBOW. (SW-WA)
- 570 ?CFWH? YT, Whitehorse 7/26 0310 either an LPRT or CFWH with jazz // 860, 690. Wish I could hear an ID on this one. Off northern Beverage. (PM-OR)
- 600 KSJB ND, Jamestown 6/24 0340 good with "K-600" ID, weather for Jamestown, faded under CHRX. (RW-MT1)
- 620 KIGS CA, Hanford 7/11 1409 strong with mass in Portugese. Letter came back using address in new NRC Log. Current address is KIGS Radio 620, 6165 Highway 198, Hanford, CA 93232. (GJ-CA)
- 660 KAPS WA, Mt. Vernon 6/28 0823 weak, mixing with unID, "KAPS is our name, 660 is our address," C&W music. (SW-WA)
- 670 KWNK CA, Simi Valley carry relay or XETRA, with no ID on the hour. How does one verify this type, when no ID? Weak signal. (GJ-CA)
- 680 KNBR CA, San Francisco after 62 years as an NBC Radio affiliate, is now ABC Direction. (PT-CA)
- 690 KECN ID, Blackfoot 6/23 2050 ID "CNN Radio 690 and 1260, serving the upper valley at 1260, and the lower valley at 690, KTEE Idaho Falls, and KECN Blackfoot-Pocatello." (RW-ID) (KTEE, not KICN??--NH)
- ?CBKF1? SK, Gravelbourg 7/23 0350 I think this was who I heard with French talk & music // 860. (SW-WA)
- 740 (KCBS) CA, San Francisco 6/20 0644-0659 and 0706-0732+ OC only. Two weak stations underneath. (LG-MT)
- 750 CJWW SK, Saskatoon 7/23 0340 fair in KXL null, with C&W music. (SW-WA)
- KOAL UT, Price 7/23 0400 ID, ABC news, then back into Interstate Radio Network, mixing with KXL/CJWW. (SW-WA)
- 770 KULL WA, Seattle 6/20 0536 strong in KKOB null with "Cool" ID. Other Seattle stations in strong at this time, as well. (RW-CA)

- +7/6 2352 good, oldies "Seattle's Cool Oldies," I finally heard then after trying for months! (SW-WA)
- 790 KGHL MT, Billings 6/19 0733 C&W tune ended and man said "Depend on us for a wide variety of great country music on AM-790, KGHL." (LG-MT)
- 850 KHLO HI, Hilo 7/12 0856 in fair thru KTRB-860 splash with ID. (RW-CA)
- 870 KORD WA, Pasco 7/7 0817 poor, C&W, "Thanks for listening to the Tri-Cities favorite, KORD." (SW-WA)
- 890 CJDC BC, Dawson Creek 7/24 0523 strong in passing, with ID. (GJ-CA)
- 900 KBIF CA, Fresno 6/19 1145 strong in KNEW-910 null, with relig. programming. Address is 2811 N. Wishon, Fresno, CA 93704 (different than in NRC Log). (GJ-CA)
- KKRT WA, Wenatchee 6/23 1200 ads messing up across hour (playing twice), 1201½ joined CNN Headline News in progress. (BH&NH-WA1)
- +7/7 11/57 noted legal ID on 104.9 FM, "KSSY, KKRT, Wenatchee's rock and roll difference." Checked 900 and in fact the album rock music was parallel!! That narrows down the dates for this format change! (BH-WA1)
- +7/26 0800 popped up for ID mentioning 104.9. Per call to station, they increase power to 1,000 watts at that time. (LG-MT)
- C??? BC, LPRT heard ending God Save the Queen 7/26 0800, then annct. "This is the CBC Radio Network." Per call to Engineer Dave Newberry at CBU-Vancouver, there are the 3 possibilities cited in NRC Log; all run 40 watts. He also said they operate AN, but confirmed they do play GSQ at this hour. (LG-MT)
- 910 KBLG MT, Billings 7/27 0800 proclaimed itself to be "Montana's News Authority, KBLG, Billings, Newsradio 91." (LG-MT)
- 920 KWYS MT, West Yellowstone 6/27 1500 with s/off annct. while visiting studios. Signs off Sundays at 1pm! (RW-MT)
- 930 KTKN AK, Ketchikan 7/12 using north Beverage good on top all evening, using satellite service. ID's "We're KTKN Ketchikan, the best of yesterday and today's hits," pop hits, and ID at 0315. (PM-OR)
- 940 KIOA IA, Des Moines 7/27 0034 weak o/u CJIB "All Oldies KIOA." (SW-WA)
- 970 KBBK ID, Rupert 6/23 2000 ID on hour "97 AM, KBBK, Rupert," Mutual news. (RW-ID)
- KTRW WA, Spokane 6/23 1558 ending Al Bernstein's Sports Party on American Sports Network, net ad, 1600 "Sportsradio, AM 970, The Score, KTRW Spokane," into Unistar News. Format and slogan change from "True Country," but no call change. (BH&NH-WA1)
- 990 KKIS CA, Pittsburg 6/24 0355 good with "Contra Costa's Kiss" ID. (RW-MT1)
- (KKIS)+7/17 0657 totally off, KQSB in strong, alone. (RW-CA)
- 1000 *KOMO* WA, Seattle 6/20 0539 with OC, TT. Weak unID Spanish and KCEO under OC. (RW-CA)
- +6/20 0633-0732+ OC and TT, various pitches. (LG-MT)
- 1010 KTUR UT, Tooele 6/23 1855 loud while driving thru Twin Falls, with ID "La Poderosa," ment. of Tooele, lively Spanish music. (RW-ID)
- 1040 CKST BC, Vancouver 7/10 0730 strong with modern rock music. IDs as "Coast 10-40." New address per phone call is 1199 West Pender St., Vancouver, BC V6E 2R1. (GJ-CA)
- 1050 KORE OR, Springfield 7/11 0200 weak ID & relig. programming, first time heard & only because KEYF was off. (SW-WA)
- KEYF WA, Dishman 7/6 1353 several commercials, quick "throw-away" ID between ads. "KEYF-FM Cheney, KEYF-AM Dishman," and more ads. All other times of the hour they are "Oldies 101.1." (BH&NH-WA1)
- (KEYF)+7/11 0145 noted off apparently due to transmitter problems or lightning strike, returned to air about 0850. (SW-WA)
- 1090 KTNS CA, Oahurst 7/26 1224 weak with C&W. (GJ-CA)

- 1110 KRLA CA, Pasadena 6/19 0702 ID "All oldies, 1110, KRLA Pasadena," during AN program. (LG-MT)
- 1120 KANN UT, Ogden 6/24 0352 way over KPNW with preacher, ID. (RW-MT1)
- 1130 KRDU CA, Dinuba 7/11 1338 strong with rebroadcast from Peoples Church in Fresno. (GJ-CA)
- KBMR ND, Bismarck 7/26 0015 mixing with CKWX (with talk), "11-30, KBMR." (PM-OR)
- 1140 KVLI CA, Isabella 7/10 1130 brief ID, very weak with strong interference from KRAK. (GJ-CA)
- KGEM ID, Boise 7/26 0830 fair under KRAK with music, ID "Memories, 1140 KGEM." Very rare here. (RW-CA)
- 1150 KBAI CA, Morro Bay 7/5 weak 1515 with ID and slogan "Central Coast's only station that plays music from the 40's & 50's." Strong interference from KRAK-1140. (GJ-CA)
- KQQQ WA, Pullman 6/23 1400 ID and into ABC News, still not moved to 650. Good near Moses Lake. (BH&NH-WA1)
- KEZX WA, Seattle 7/6 0125 mixing with unID, "KEZX 1150 Seattle." (SW-WA)
- 1200 WOAI TX, San Antonio 7/29 0610 strong with news. (GJ-CA)
- CKDA BC, Victoria 7/29 0701 turning antenna in opposite direction, CKDA in strong with West Coast Oldies. (GJ-CA)
- 1230 KBAR ID, Burley 6/23 1900 "61 degrees at the K-Bar studios," nostalgia music, ID on hour "From Burley Idaho, at 1230 on your AM dial, this is KBAR," ABC news. (RW-ID)
- KCBN NV, Reno 6/14 0511 good on top with ID "Great songs, great memories, AM 1230, KCBN." (RW-CA)
- KZLO MT, Bozeman 6/25 1608 ID "Fox 99 FM, KZLO," C&W. (RW-MT)
- KSBN WA, Spokane 7/6 1300 ID "KSBN Spokane is Business Radio 1230, the sound of business." Then national newscast, possibly from Business Radio Network. BRN business news 1306. I'm not sure why Larry heard them with rock music (7/17 WDXR), unless he heard the "Spokane" ID and another music station faded up. (BH-WA1)
- 1240 KSUE CA, Susanville 7/16 1407 in briefly with KSAC nulled, with Job Line. (GJ-CA)
- 1250 KHOT CA, Madera 6/21 1900-2000 in weakly with 250 watts, had to null KSAC-1240 to pick them up! They are now Spanish, not English as in NRC Log. ID as "Radio Caliente" ("hot"). Verie back lists new address as P.O. Box 112, Fresno, CA 93707, now Spanish, still 250 watts. (GJ-CA)
- 1280 KDOL NV, Henderson 6/20 0543 loud with "Radio Latino" ID, completely dominant, ment. of "en Las Vegas." Testing on day pattern? (RW-CA)
- 1300 KYNO CA, Fresno 7/26 0930 strong with oldies. (GJ-CA)
- KPTL NV, Carson City 7/26 1030 strong with news. (GJ-CA)
- 1310 KDIA CA, Oakland 7/26 1035 with news. (GJ-CA)
- KEIN MT, Great Falls 6/24 1310 noted with "America's Best Country" via SMN. No longer Kool Gold. (BH&NH-MT)
- 1340 KPRK MT, Livingston 6/25 1625 with request number 422-1340, ad for Sports Byline Show heard M-F 8-11pm "on AM 1340, KPRK," ad for Downtown Hoedown, "KPRK Weatherwatch." (RW-MT)
- 1350 KSRO CA, Santa Rosa 6/29 1100 strong with news, weather, and sports. QSL came back with new address: 1410 Neotomas Ave., Santa Rosa, CA 95405. (GJ-CA)
- 1370 KPCO CA, Quincy 7/16 1305 in briefly carrying Rush Limbaugh Show. Had to null KSMJ-1380. (GJ-CA)
- CFOK AB, Westlock 7/17 0644 in fair mixing with CHPQ, with C&W music and several "CFOK" ID's. (PM-OR)
- 1380 KQKD SD, Redfield 7/20 0359 ID with newscast promo in jumble. Called station, ID'd over the phone. (PM-OR)
- 1400 KBLX CA, Berkeley 7/20 1045 in with news. (GJ-CA)
- KIGO ID, St. Anthony 6/27 1820 noted silent while driving through town. (RW-ID)
- KWNA NV, Winnemucca 6/23 1030 "7:30 news update from the KWNA newsroom," then news from the "Great Basin Network." (RW-NV)
- 1410 KBNP OR, Portland 7/19 0858 faded up over CFUN for about 20 seconds, luckily gave ID. (SW-WA)

- 1440 KVON CA, Napa 6/19 1031 strong after nulling KJAY-1430 & KUHL-1440, with West Coast Gardenline Show. (GJ-CA)
- 1450 KEST CA, San Francisco 6/19 1315 strong in German. New address is KEST 185 Berry Street, San Francisco, CA 94107. (GJ)
 KMMS MT, Bozeman 6/25 1615 with Larry King, ad for American Car Care Centers, ID "Back to Larry, on AM 1450, KMMS." (RW-MT)
- 1470 KOZZ NV, Reno 7/16 0800 carrying Oakland A's game. (GJ-CA)
 KKFO CA, Coalinga 7/5 1020 strong with C&W on car radio while travelling through Central Valley. Per phone call to station, new address is 152 East Elm, Coalinga, CA 93210. Station states that they have been here for a couple years. Hope this will be a help to someone in the future & save postage! (GJ-CA)
- 1480 KRXR ID, Gooding 6/23 1842 ID "You've found AM 1480 TNT Dynamite Country, now rip your knob off" (sic). (RW-ID)
- 1490 KJYK AZ, Tucson 7/12 0605 "K-Joy" ID coming out of news, somewhat fadey. (MS-CA)
 KSYC CA, Yreka 6/14 0525 good with C&W, ID "Hear all the latest hits, here on KSYC." This is my unID C&W of last issue. (RW-CA)
 KRCD ID, Chubbock 6/23 1855 with UPI financial news, ID "This is KRCD, Chubbock-Pocatello, your station for oldies, news and conversation, too." (RW-ID)
- 1500 TIS CA, Anaheim 7/12 1300 new frequency for this TIS. 45 second tape loop giving traffic info for Anaheim Stadium and Arena. ID "You're listening to the City of Anaheim Highway Advisory Radio broadcasting on 1500 kilohertz." Great signal here. Has sign on Ball Road near Disneyland. (MS-CA)
- (KSJX) CA, San Jose 6/14 0435 off again, MM SP seems to be regular now. (RW-CA)
 KSTP MN, St. Paul 7/23 0358 heard by nulling KGA-1510, "AM 1500 KSTP, the talk station," into Rush Limbaugh. (SW-WA)
 CKAY BC, Duncan 6/14 0513 weak in KSJX OC with ID, mention of 105 FM. (RW-CA)
- 1520 KMPG CA, Hollister 7/5 1135 heard weakly in Spanish while travelling through Central Valley. (GJ-CA)
 KTRO CA, Port Hueneme 7/5 0434 mixing with KOMA in Spanish, while in Hanford, CA. (GJ-CA)
 KOMA OK, Oklahoma City 7/5 in strong 0430 with pop music, news and weather, while in Hanford, CA. (GJ-CA)
- 1550 (KKHI) CA, San Francisco 7/5 0520 totally off. (RW-CA)
- 1560 (KNZR) CA, Bakersfield 7/18 0552 totally off on extremely rare SP, KKAA in weak, no trace of WPAD. (RW-CA)
 KKAAs SD, Aberdeen 7/20 0010 way over others with C&W, ID. QRM from WPAD and/or WQEW. 7/26 totally dominant with non-stop C&W music, KKAAs ID at 0059:55 with satellite service. Slight KNZR QRM at 0055. (PM-OR)
- 1570 KCVR CA, Lodi now in all night in Spanish. Two weeks ago tried, as NRC Log listed them as 34 watts. Now booming in, strong. Couldn't hear them before, but now another local. Have they raised their power? (GJ-CA)
- 1580 KEZD CA, Windsor holder of CP passed away. Consultant friend is working with successors who: (a) have requested extension, (b) are working with the city zoning dept. on tower location. Will be 3 tower directional, 700w day, 250w nite and should be on by end of the year with nostalgia (Sinatra, Dorseys, etc.) format. (PT-CA)
- 1590 KCNN MN, E. Grand Forks 7/20 on top with CNN news, ID at 0306 "Exciting talkradio on KCNN 1590," into net talk show. (PM)
 KZOK WA, Seattle 6/24 0345 good, alone with ad for Z-Rock T-shirt, ID. (RW-MT)
- 1610 TIS CA, Paso Robles 6/19 1900 Calif. Midstate Fair Traffic Radio Info Service heard testing up to 7 miles either side of the Fair site (which we saw) on Hwy. 101. (PT-car-CA)
- KOP796 MT, Deer Lodge 6/24 1345 TIS from Grant-Kohrs Ranch National Historic Site, folksy male announcer, KOP796 calls announced. (BH&NH-MT)

TIS OR, Albany 7/19 2045 apparently new TIS. Multi-minute tape loop detailing vacation/shopping/recreation opportunities available in the Albany area. Refers to I-5 exit numbers (234 & 235) as well as mentioning "Santiam Highway," and other routes. No calls or phone number given. Local KEED-1600 off, as it has been for many weeks now. (GK-OR)

KNEF687 WA, Cle Elum 6/23 1145 Blewett Pass State Highway 97 construction info for milepost 165-169, 40 sec. loop, no beeps. Antenna at milepost 84½. (BH&NH-WA1)

KNEF687 WA, Ellensburg 6/24 1211 same message as Cle Elum, but with two loud beeps between tape loops. Antenna at Exit 106. (BH&NH-WA1)

(KNEF687) WA, North Bend 6/23 1050 TIS for Snoqualmie Pass road conditions was off as usual during the summer. (BH&NH-WA1)

(KNEF687) WA, Snoqualmie Summit 7/7 1258 noticed a sign on I-90 westbound to tune 1610 for road conditions when lights flashing, lights not flashing, off for summer. (BH&NH-WA1)

UNIDs

530 7/6 fair Spanish/Portugese above jumble with alternating woman & man announcers at 0500, 0410 as "This is WWRM New York, 530 AM, your ethnic---" taped off eastern Beverage only. Anyone else hearing this? Could be from the Caribbean, as not heard in NY. (PM-OR)

840 7/5 0801 unID TT good looping N-S in KVEG null. Probably KDBS. (RW-CA)

1200 7/11 steady tone here all day like station testing, but with no ID's. NRC Log lists 3-4 new stations to go on the air. (GJ-CA)

1240 7/26 0824 good on top over KSUE looping N-S with ad for Oregon Science Center in Newport, nostalgia music. KFLY? (RW-CA)

1300 7/26 0945 speaking Chinese. Possibly KAZN Pasadena? (GJ-CA)

1450 7/5 0824 good in KEST null with Indian-style chanting. Possibly KOBO-CA, which switched to Spanish format recently. (RW-CA)

1630 6/12 0800 poor signal with Morse code. Possible beacon, but don't know where to look for information! Have written to several DX'ers for help. (GJ-CA)

Wow! With all this DX reported it's hard to believe that this is the middle of summer! The convention must have inspired a few of us, hi.

WDXR REPORTERS TO VOLUME 30 (Total tips & number of issues reported):

1. Patrick Martin	474/25	18. Tim Hall	16/4
2. Robert Wien	337/33	19. Guy Kudlemyer	14/2
3. Mike Sanburn	140/16	Steve Mittman	14/8
4. Larry Godwin	123/8	21. Gary Pifer	12/3
5. Jim Hilliker	122/14	22. Frank Aden	10/3
6. Gary Jackson	108/14	Reid Wheeler	10/3
7. Bruce Portzer	99/13	24. Rod O'Connor	8/6
8. Bill Hardy	50/9	25. Steve Hawkins	7/2
9. Nigel Pimblett	44/5	26. Shawn Axelrod	3/2
10. Stan Weisbeck	38/3	Nick Hall-Patch	3/2
11. Pete Taylor	35/10	Steve Ratzlaff	3/1
12. Nancy Hardy	30/10	Mike Stonebridge	3/2
13. Dennis Gibson	23/4	30. Dale Park	2/2
14. Gary Larson	22/8	31. Guy Atkins	1/1
15. Greg Hardison	21/1	Jim Hall	1/1
Art Peterson	21/5	Leonard Hyde	1/1
17. Bill Nittler	17/4	Jeff Shiflet	1/1

A special "thank you" to all the reporters listed above!

DX CONTESTS: We will have a new "DX Partners" contest beginning Oct. 1. Two DX'ers from different parts of the country will log as many states as possible. If you want to enter and don't have a teammate in mind, sign up by Sept. 1 and I'll assign your teammate by Sept. 15. If you and a friend would like to team up, enter by Sept. 15. Watch for more details on the new "DX Partners" contest, as well as "States and Provinces" and other returning contests. --Nancy Hardy



Central DX Roundup

John C. Johnson
979 Neptune Boulevard
Billings, Montana 59105-2129

 **PRODIGY**
MPNN49A

FOR THE RECORD

REPORT ALL TIMES AS EASTERN.

DEADLINES: 8/19, 9/4.

RIDING GAIN

- [BH+NH-MT] **Bill and Nancy Hardy**, 2301 Pacific Avenue, Aberdeen, WA 98520-4527
DXing on the road near West Yellowstone, MT.
- [BH+NH-SD] **Bill and Nancy Hardy** DXing on I-90 east of Rapid City, SD
- [NH+NH-WY] **Bill and Nancy Hardy** DXing in Yellowstone National Park
Bill and Nancy's on the road DXing was done on a Chevy Astro Van radio
- [BH-MT1] **Bill Hardy** DXing at the 1993 IRCA convention site in Billings, MT
- [BH-SD1] **Bill Hardy** DXing at KOA Kampground between Mount Rushmore and Hill City, SD
- [BH-WY1] **Bill Hardy** DXing at KOA Kampground, Sheridan, WY
- [BH-WY2] **Bill Hardy** DXing at KOA Kampground, Greybull, WY
Bill was using a G.E. 7-2963A Multi-Band portable for his loggings.
- [MS-MT] **Mike Sanburn**, P.O. Box 1256, Bellflower, CA 90707
DXing at the IRCA 1993 Convention site in Billings, MT with a GE Superadio II.
- [RW-MT] **Robert Wien**, 1309 Dentwood Drive, San Jose, CA 95118
DXing at the IRCA 1993 Convention site in Billings, MT with a GE Superadio.
- [JcJ-MT] Your editor using an Icom IC-R71A with a Radio West loop.
- [JcJ-MN] Your editor DXing on I-94 in Minnesota.
- [JcJ-ND] Your editor DXing on I-94 in North Dakota.
- [JcJ-SD] Your editor DXing on I-90 in South Dakota.
- [JcJ-WY] Your editor DXing on I-90 in Wyoming.
John-John's on the road DXing was done on a Mustang car radio.

SPECIAL INTEREST

- 1090 CKRX **AB**, Lethbridge. **EX-CHEC**. 6/28 dominant w/KBOZ. 0323 with ID "10-90 Rock CKRX Lethbridge." Rock Radio Network programming. Promo to for CKRX win sticker then ID "The New 10-90 CKRX. Southern Alberta's best rock." [MS-MT] +6/28 strong. 0556 with spot break "...on the Rock Radio Network." Mentioned "The new 10-90 CHRX." 0600 "Broadcasting to the world via Anik satellite, you're listening to Overnight." AOR format. This is both a call and format change (CHEC was adcon/oldies). We also noted this in Billings 6/26 strong at 0601, but no calls heard at that time. [BH-WY1]
+7/21 good in KBOZ null. 0145 with heavy metal rock music. Spot cluster with mentions of "10-90 CKRX." 0200 ID "Lethbridge's best rock, CKRX AM 10-90." into Anix satellite fed "Overnight" programming. Needed for call change. [JcJ-MT]

DOWN THE DIAL

- 530 **WPBX286 MN**, St. Paul. 7/13 in area. 1845 with I-94 road work information near St. Paul. IDing as "WPBX 286 Minnesota Department Of Transportation." Noted also on 1610 with the exact same call letters. Same message except mention of "1610" instead of "530." [JcJ-MN]
- WNXC873 WY**, Gillette. 7/15 in area. 1900 with ID and TIS for Gillette. [JcJ-WY]
- 550 **KFYR ND**, Bismarck. 6/30 good. 0115 with adcon music, 0120 sports, weather, and more music with a local DJ. "K-Fire" slogans and "KFYR" call given. Refreshing to hear local-live adcon on AM. [BH-SH]

CDXR Continued....

- 550 **KRAI** CO, Craig. 7/2 good. 1005 ending CO news with "Wherever you go in northwest Colorado take us along, 55 Country." Local country in morning drive, Unistar satellite later. 1200 and 1300 legal ID "KRAI AM Craig is 55 Country." TC and CNN hourly news. [BH-SD1]
- 560 **KLZ** CO, Denver. 6/30 strong. 0126 with female DJ on "56 KLZ" into C&W country song "Achy Breaky Heart," but with religious lyrics! More religious country songs. Mentioned "Colorado's Christian station" and a four minute commentary giving KLZ address and phone for comments. This must be where their night signal goes, rare at home. Also noted in daytime 6/30 1245 on I-90 east of Rapid City. [BH-SD1] (JcJ: Bill, KLZ is a #1 pest in Billings. Always has been. John.)
- 580 **CKY** MB, Winnipeg. 6/30 good. 0125 with "KY-58" slogan in "Oldies Coast To Coast." [BH-SD1]
- 590 **KGLE** MT, Glendive. 6/30 fair. 1242 with religious music. Promo for show on Moody Network. Religious commentary. [BH+NH-SD]
- 600 **KSJB** ND, Jamestown. 6/30 good atop unID music. 0140 with IRN programming. 0141 local weather cut-in and local spot. [BH-SD1]
- 630 **KHOW** CO, Denver. 6/30 good, then faded. 0152 with female DJ ending music set "KHOW 95.3." Local spots, fade. [BH-SD1]
- 680 **KWKA** NM, Clovis. 6/27 good o/KNBR and an unID. 0330 with "Wake up to good times and great oldies on 6-80 KWKA." [RW-MT] (JcJ: RW, your unID was probably CJOB. John.)
- 690 **KOAQ** NE, Terrytown. 6/30 good. 1255 with satellite oldies. Mentioned AM Stereo. Had AP news. 1000 watts gets out well in this area of good groundwave east of Rapid City, SD [BH+NH-SD] (JcJ: Bill & Nancy, KOAQ might get out good into SD, but doesn't make it to Billings! John.)
- 710 **KNUS** CO, Denver. 6/30 fair. 1300 legal ID "KNUS Denver and AM 11-30 the all new KHTH Dillon, Breckenridge." This into CNN hourly news. [BH+NH-SD]
- WDSM** WI, Superior. 7/13 good with others while in White Bear Lake, MN. 1855 with local break in baseball game between Thunder Bay and St. Paul. [JcJ-MN]
- 730 **KWOA** MN, Worthington. 6/30 good signal for distance. 1258 with farm prices. 1300 "That's how the markets are shaping up from AM 7-30 KWOA Worthington." TC, brief weather into news. [BH+NH-SD]
- 790 **KGHL** MT, Billings. 6/30 good. 0200 with C&W, legal ID, CBS News. Night pattern goes here. [BH-SD1]
- WEAQ** WI, Eau Claire. 7/13 good over others while in White Bear Lake, MN. 1858 with EZL Standards/NOS/BBD format. "AM 7-90 WEAQ" ID. [JcJ-MN]
- 830 **CKKY** AB, Wainwright. 6/28. 0100 with news followed by ID "Country's hottest stars play here. Key 83." Music included "Curisin' These Back Roads." [MS-MT]
- 860 **KNUJ** MN, New Ulm. 7/13 good while in White Bear Lake, MN. 1900 with "8-60 KNUJ" into NBC News. C&W format. [JcJ-MN]
- 890 **KQLX** ND, Lisbon. 7/10 in area. 1850 with C&W. "KQLX AM and FM" ID. [JcJ-ND]
- 930 **KROE** WY, Sheridan. 6/28 local. 0445-0610 noted 24 hours with Unistar satellite country. [BH-WY1]
- KSDN** SD, Aberdeen. 7/10 in area. 1836 with weather. Rock format. [JcJ-ND]
- 940 **CJGX** SK, Yorktown. 6/28. 0156 with ID "The station with more fun, GX-94." 0200 ID "CJGX 94 Yorktown. Serving Manitoba and Saskatchewan. We are GX-94." News followed. I was expecting KIOA here. [MS-MT] (JcJ: MS, you should have heard a strong KIOA. Good catch, not far but rare. John.)
- 970 **WDAY** ND, Fargo. 6/30 good. 0100 with ID "Newstalk WDAY Fargo, Moorhead" into NBC News. [BH-SD1]
- 1050 **CJNB** SK, North Battleford. 6/28 booming in with possible CFGP or CHUM below. XEG interference was sporadic. 0242 with "Northwest Radio CJNB, CJNX" ID and a C&W song. 0246 with weather. Wish I could still get this back in SoCal. [MS-MT]
- 1090 **KYBG** CO, Aurora. TENTATIVE. 6/30 poor. 1725 with "K-Big AM and FM" in sports talk. Colorado spots. [BH+NH-SD]

CDXR Continued....

- (JcJ: Bill & Nancy, yep that's KYBG. Slogan is "K-Big" (KaY BiG) John.)
- 1130 **CKWX** BC, Vancouver. 6/28 good over KWKH. 0554 with local and Canadian spots. Promo for Blue Jays on CKWX. "Country Coast To Coast" program. Strength this far east suprised me. [BH-WY1]
- (JcJ: Bill. CKWX is a big pest for me in Billings. Always strong. John.)
- KBMR** ND, Bismarck. 7/2 strong. 0720 with C&W. Report on local street flooding from 2.7 inches of rain. 0725 with NBC Sports. Still in at 0750 with more local reports. 0800 with NBC News. Local KZMQ-1140 off until 0805! Elusive at home. [BH-WY2]
- 1140 **KXNO** NV, Las Vegas. 6/28 in with interference from either CFXL or KZMQ? Quite strong here. 0335 with "Casino Radio" tourist info. [MS-MT]
- (JcJ: MS, 1140 nights sometimes finds you with KGEM, KRAK, or KSOO. John.)
- +6/27 fair o/u/KGEM and others. 0358 with spot for Sands Casino, ID "We're Casino Radio 11-40, Casino Radio." [RW-MT]
- KZMQ** WY, Greybull. 7/2 local. 0805:15 popped on the air in the middle of spots. ||100.3. No legal ID. 0806 with local cut-in rejoining SMN satellite country feed mentioned "KZMQ." [BH-WY2]
- (JcJ: Bill. Most likely a technical problem getting them on that AM. Station is owned by KSVI (TV ch. 6) Billings. Their FM on 100.3 can be received here in Billings. John.)
- 1170 **CKGY** AB, Red Deer. 6/28 fighting KVOO. 0337 with C&W and ID "Alberta's new country home. 11-70 CKGY." [MS-MT]
- 1190 **KKOJ** MN, Jackson. 7/14 in area. 1115 with weather, spot cluster. Mini-vacation contest mentioned KKOJ's 13th Anniversary. Also mentioned their FMer KRAQ would be on the air soon. KKOJ has C&W format. [JcJ-MN]
- 1230 **KDIX** ND, Dickinson. 7/10 in area. 1450 with lite rock roldies mix. 1500 with ID into CBS News. [JcJ-ND]
- KMRS** MN, Morris. 7/11 in area. 1100 with "KMRS Radio 12-30 Morris, MN" into NBC News. NOS/BBD format. [JcJ-MN]
- KYSM** MN, Mankato. 7/14 in area. 1145 with rock oldies. Slogan "Total Radio" being used. Noted NBC News on hour and then carried Rush Limbaugh at 1206. [JcJ-MN]
- 1240 **WJON** MN, St. Cloud. 7/13 weak, mixed with others while in White Bear Lake, MN. 1845 with spot cluster in local talk program. [JcJ-MN]
- 1260 **KPOW** WY, Powell. 7/2 semi-local. 0759 with full data sign-on. ABC Info News. Not 24 hours. [BH-WY2]
- 1320 **KHRT** ND, Minot. 7/10 in area. 1520 with C&W format. Slogan "Sound Alternative" being used. [JcJ-ND]
- KOLT** NE, Scottsbluff. 6/30 fair. 1733 ending market report, back to Pete Rose sports talk show "....on Wyobraska's favorite radio station, 13-20 KOLT." [BH+NH-SD]
- 1330 **CJYM** SK, Rosetown. 6/26. 0406 with ID "The oldies station" and weather for SK. Calls not heard. [RW-MT]
- (JcJ: RW, this is most likely CJYM, a pest here in Billings. John.)
- 1340 **KPOK** ND, Bowman. 7/10 in area. 1530 with "Nashville Record Review" C&W program. IDing as "Goodtime Radio KPOK." [JcJ-ND]
- KWOR** WY, Worland. 6/27. 0416 w/blip ID, spot for Longhorn Saloon in Worland. [RW-MT]
- +7/2 semi local. 0655 noted on the air with SMN adcon and Mutual News. Apparently 24 hours. [BH-WY2]
- 1390 **KRRZ** ND, Minot. 7/10 in area. 1540 with CBS Baseball Game Of The Week. Local spots heard and mention of "13-90 Minot," but no call ID. [JcJ-ND]
- 1400 **KODI** WY, Cody. 7/2 semi-local. 0800 sign-on and into local oldies format. Not 24 hours. [BH-WY2]
- 1410 **KHOL** ND, Beulah. 7/10 in area. 1550 with C&W format. Noted || to KNDC-1490. [JcJ-ND]
- 1410 **KWYO** WY, Sheridan. 6/28 local. 0500-0600 noted 24 hours with local country format. [BH-WY1]
- 1430 **KLO** UT, Ogden. 6/26 strong. 0600 ending adcon music with SID "KLO Ogden" into ABC Info News. [BH-MT1]
- (JcJ: Bill, I consider KLO a local here in Billings. John.)

CDXR Continued....

- 1460 **KTLC** ND, Dickinson, 6/26 good. 0418 with spot for fireworks display in Williston, ND. "...on AM 14-60 KRLC." [RW-MT]
- 1480 **KMEM** NE, Lincoln. 7/26 weak to good in KPHX null. 0200 with ID "KMEM Lincoln" into very lite rock oldies from 50s, 60s, 70s. 0212 spot cluster with PIs and "Lincoln's 14-80 KMEM." Needed for call change. [JcJ-MT]
- 1490 **CJPR** AB, Blairmore. 0420 good, on top. 0420 with ID "12-30 C-jock, 14-90 CJPR." C&W format. [RW-MT]
[JcJ: RW, I've yet to hear CJPR! Thanks for the tip here. John.]
- KBOL** CO, Boulder. TENTATIVE. 6/30 fair. 0758 with SSB, sign on data, but no city or address given! 0800 with ABC News. Lost to local KFCR. [BH-SD1]
- (KBSR) **MT**, Laurel. 6/27 0830 and 0915 local noted off 24 hour schedule. Was back on by 0955 going from satellite oldies to local SS programming at 1000. [BH-MT1]
[JcJ: Bill, I find KBSR off now and then. Not sure why. John.]
- KFCR** SD, Custer. 6/30 moderate, a bit weak for 10 miles away. 0778 carrier, 0800:15 with "KFCR Custer" ID out of nowhere then joined "NSC News" (part of a satellite adcon feed) in progress. Sounded like the employee had waled into the building a moment late, turned it on, and pushed the satellite button. Station leaves the air nightly at 2000 or 2100. Station has a weak signal, even at the main highway junction in Custer. I suspect tower is east or south of town. [BH-SD1]
[JcJ: Bill, I've never been able to log KFCR here in Billings. Now I know why. John.]
- KNDC** ND, Hettinger. 7/10 in area. 1555 with C&W format. Noted || KHOL-1410. [JcJ-ND]
- 1510 **KMSD** SD, Millbank. 7/10 in area. 1406 with 2 hour delay of Rush Limbaugh. [JcJ-MN]
- 1540 **KXEL** IA, Waterloo. 6/28 huge signal. 0357 with Interstate show. 0400 ID "America's all time greatest country music station. 15-40 KXEL Waterloo." [MS-MT]
[JcJ: MS, KXEL is a real pest here, as you no doubt noted. John.]
- 1550 **KQWB** ND, Fargo. 7/10 in area. 1827 with ESPN Radio programming. Local break mentioned legal ID "KQWB Fargo, West Fargo." [JcJ-ND]
- 1590 **KZOK** WA, Seattle. 6/28. 0403 noted with Dio song "Holy River." "Z-Rock" IDs. [MS-MT]
- 1600 **KDAK** ND, Carrington. 7/11 in area. 1000 no ID into ABC News. Mention of Carrington out of news during local weather report. [JcJ-ND]
- 1610 **WPBX286** MN, St. Paul. 7/13 in area. 1845 with I-94 road work information near St. Paul. IDing as "WPBX 286 Minnesota Department Of Transportation." Noted also on 530 with the exact same call letters. Same message except mention of "530" instead of "1610." [JcJ-MN]
- (.....) **MT**, Earthquake Lake. 7/3. 1425 noted that former TIS at visitor center (in 1979 and 1982) is no longer here. [BH+NH-MT]
- **MT**, West Yellowstone. 7/3 local. 1500 a sign on for a TIS on 1610 at the west entrance to Yellowstone National Park, but no audio on this one. [BH+NH-MT]
- **SD**, Keystone. 6/30 distorted signal. 0950 saw highway sign to tune to 1610. Message for Custer State Park. Distorted message with music. Cut off after 45 seconds and then repeated! No calls given. [BH+NH-SD]
- **WY**, Yellowstone National Park. 7/2 local. East entrance TIS noted at 1614 with male and female voices with info about entering the park. [BH+NH-WY]
- **WY**, Yellowstone National Park. 7/2 local. Fishing Bridge TIS at 1650 had message about protecting yourself from wild animals. Woman mentioned hanging things "10 feet above the ground and 4 feet from the nearest object"! **This sounds like Larry Godwin's unID in 7/17 WDXR!!!** Man discussed the 1988 fire damage. Later near Canyon, same message scripts but roles were reversed. Man talking about hanging things, woman talking about fires. [BH+NH-WY]
- unIDs
- 680 unID 7/3. 1455 noted just north of West Yellowstone a beacon repeating "ESQ" [NH+NH-MT]
- 1370 unID 6/27 unID o/w/KSOP, KXTL. 0358 with TT. [RW-MT]
- 1480 unID 6/27 unID u/weak mess. N/S loop. 0404 with NOS music. Suspect KMEM. [RW-MT]
[JcJ: RW, this is probably KMEM. See my logging above. John.]

CDXR Continued....

25 YEARS AGO

August 17, 1968 issue of IRCA's DX Monitor....Bruce Portzer of Seattle, WA received a verie from WJR-760 for state #27....John C. Johnson stationed in Rota, Spain mentioned he had 6 months left in the U.S. Navy....Percy R. Kesteven of Edmonton, AB sent his forum in via telegram due to the postal strike in Canada...Bill Nittler of Englewood, CO received a verie from BBC-1214 for country #40.

OPEN MIKE

The difficult we do today; the impossible takes a little longer. For an August column this sure has to be a record. Not often I get to five pages ever! Hope some of these tips help others. I've received some very nice thank you notes on the 1993 IRCA Convention. I'm happy so many enjoyed themselves. Mid-July I went on vacation to the Minneapolis area. My vacation DX noted above might not be super DX, but for me it was interesting. While in Sheridan, WY I noted KWYO's FM KLWD is now KWYO-FM. KWYO AM format is still C&W, FM is rock oldies. One interesting item, a promo aired still giving the KLWD calls! Apparently they changed call and format just recently. The Sheridan TIS on 1610 was not on again. 73, John.



POSTMASTER

UNITED STATES POSTAL SERVICE

Post Office Box Customer

The Postal Service, like many other industries, is automating our distribution functions. Automation places even greater importance on proper addressing of mail, to ensure delivery to the location you desire.

While single addresses ARE PREFERRABLE, dual addresses, with both your street address and P O Box number, are permitted. The Postal Service, however, MUST deliver each mailpiece as it's addressed to the location specified on the line just above the city, state, and Zip Code line.

For example:

Mail addressed like the examples below will be delivered to a Post Office Box.

	MR JOHN SMITH		MR JOHN SMITH
	1919 TREE STREET		1919 TREE STREET
Delivery point >>	P O BOX 999	Delivery point >>	P O BOX 999
	MILWAUKEE WI 53203-0999		MILWAUKEE WI 53203-0999

Mail addressed like the examples below will be delivered to the street address.

	MR JOHN SMITH		MR JOHN SMITH
	P O BOX 999		P O BOX 999
Delivery point >>	1919 TREE STREET	Delivery point >>	1919 TREE STREET
	MILWAUKEE WI 53202-2345		MILWAUKEE WI 53202-2345

I hope this explanation will clarify how your mail's delivery point is determined. We ask your cooperation in advising your correspondents of the correct way to address your mail to obtain delivery to the location you wish. Beginning September 1, 1993, as part of the Postal Services continued emphasis on automation, the Milwaukee Post Office will deliver all mail as addressed, unless an active change of address (COA) is on file with us for forwarding of mail.

Also, when "addressing for automation", please use ALL CAPITAL LETTERS, NO punctuation markings, and your Zip + 4 code. Thank you for helping us improve our service to you. If you have any questions, please contact us

**EASTERN
DX
ROUNDUP**

LEONARD HYDE
1805 WHIPPLE DR. #27
BLACKSBURG VA 24060-2436

DEADLINES: August 20, September 4.

*** THE REPORTERS ***

(JD) J. D. Stephens - 3715 Conger Road - Huntsville AL 35805 - Panasonic RF-2600, Sony ICF-2001, several longwires

*** OF SPECIAL INTEREST ***

- 710 WFNR VA, BLACKSBURG has greatly cut back on locally originated programming. Now carries talk during the day, including Limbaugh & others. Syndicated bluegrass prgming in the afternoons, goes back to local stuff from 5 PM or so until signoff. I don't know if this means money problems or the opposite. (ed)
- 1000 WTAK AL, HUNTSVILLE now simulcasting new FM 106.1. Same calls, same format (AOR) & still a daytimer. Slogan: "The valley's rock & roll. (JD)

*** THE REPORT ***

- 920 KYST TX, TEXAS CITY 7/28 0018 quite gd at times w/"Spanglish" ancr who called himself "the hot dog." Ranchera mx, SS & EE ads, frqt slgns, including "the new Y-92"; "AM 920, Y-92"; & "a better music mix: We're AM 920, Y-92." Promo for "92 days of summer" contest. (JD)

*** unIDs ***

- 1590 unID 7/25 2241 strong w/WEUP splash, w/Soul & R&B mx. "Community Information" segment. Frqt "Blues 1590" slgns. Need help w/this one! Maybe Jackson, MS? (JD)

(MB-MA) Mike Brooker, 99 Wychcrest Ave., Toronto, ON M6G 3X8 - DXing at the Kripalu Center for Yoga and Health, Lenox, MA, w/Panasonic RF-B45

560 WHYN Springfield, MA July 9 0632 gd w/"WHYN AM 560" ID, into Skyway Patrol Traffic report and ad for Woodworks Unpainted Furniture in West Hartford, CT (MB-MA)

720 WWII Shiremanstown, PA July 10 0609 pr w/anct "6:09 on W-W-two" into local wx (MB-MA)

740 WGSM Huntington, NY July 5 0622 fr w/Citibank ad, local wx from the "Long Island Radio Network" (MB-MA)

790 WLKW Providence, RI July 5 0617 fr o/WAEB w/instrumental-EZL version of *Lady Madonna*, local wx from "AM Stereo 79 WLKW" (MB-MA)

800 WLAD Danbury, CT July 3 0605 fr-gd w/"Radio 80 WLAD" ID, sports, into oldie song *Beechwood / 5799* (MB-MA)

850 WREF Ridgefield Center, CT July 9 0608 gd o/WHDH w/anct "WREF News time is 6:08" into local wx for Fairfield County (MB-MA)

900 CKTS Sherbrooke, PQ July 2 2300 fr in CHML null w/sports talk, //CJAD-800 (MB-MA)

- 900 WBGG Saratoga Springs, NY July 6 0600 fr-pr w/anct "Sounds of yesterday, WBGG Saratoga Springs, it's 6 o'clock" (MB-MA)
- 900 WMVU Nashua, NH July 6 0601 vgd, creaming WBGG w/no apparent sign-on anct, just "Talk radio 900 WMVU Nashua" jingle, into local nx (MB-MA)
- 900 WBRV Boonville, NY July 9 0623 pr in mess w/ad for Mercer's Dairy, Route 12 in Boonville, into run-down of local birthdays and anniversaries (MB-MA)
- 930 WIZR Johnstown, NY July 8 0629 fr-gd w/ad for Lugano's Factory Outlet Center, located next to Johnstown YMCA, local nx w/promo anct "You heard it first on WIZR" (MB-MA)
- 940 WGFP Webster, MA July 9 0615 fr w/ID as "News Talk 940 WGFP", local nx, promo for Birdwatching by Mail (MB-MA)
- 940 WADV Lebanon, PA July 9 0557 pr o/CBM w/anct "....righere on Christian Gospel WADV" into C&W-ish sounding gospel tune (MB-MA)
- 970 WWDJ Hackensack, NJ July 6 0608 fr-gd w/"970 DJ" jingle, gospel mx, promo for gospel concert featuring a group called Pray For Rain (MB-MA)
- 1000 WRNJ Hackettstown, NJ July 5 0631 fr-pr w/ABC nx, "WRNJ" ID jingle into local nx (MB-MA)
- 1070 WKOK Sunbury, PA July 5 0605 fr in CBA null w/end of CBS nx, into a local nx report which was mostly a summary of fatal accidents on the 4th of July weekend (MB-MA)
- 1100 WHLI Hempstead, NY July 6 0530 vgd w/local nx, many mentions of Long Island, and big-band era tune (MB-MA)
- 1120 WADN Concord, MA July 6 0557 fr w/sign on anct mentioning 5000 watt power and slogan "Walden 1120" (MB-MA)
- 1150 WRUN Utica, NY July 8 0559 fr in mess w/ad for K-Mart, non-ID as "AM 1150, Utica's business news station" (MB-MA)
- 1180 WJFF Hope Valley, RI July 8 0558 fr-pr in WHAM null w/"WJFF AM 1180" ID into C&W song (MB-MA)
- 1200 WKOX Framingham, MA July 8 0622 fr o/CFGO w/"AM 1200 WKOX Metro weather" local wx (MB-MA)
- 1200 CFGO Ottawa, ON July 8 0620 fr-gd w/McDonald's ad, promo for Rod Stewart concert at Ottawa Civic Centre, "Energy 1200" ID into song by Jeff Healey (ME-MA)
- 1220 WXCT Hamden, CT July 8 0613 fr-gd w/SS traffic rpt mentioning Hamden, Milford, Bridgeport, etc. (MB-MA)
- 1220 WKBK Keene, NH July 3 0610 fr-pr in mess w/SS station (presumably WXCT) w/local wx "from your friends at WKBK" (MB-MA)
- 1270 WLBR Lebanon, PA July 4 0600 fr w/sign on into ABC nx (MB-MA)
- 1310 WTLB Utica, NY July 5 0554 gd in CIWW null w/ID as "1310 WTLB playing the greatest hits of the 50's" into Gene Pitney's *It Hurts to be in Love* (MB-MA)
- 1570 WBUG Amsterdam, NY July 4 0612 fr-gd w/ID as "AM 1570, you're listening to The Bug, WBUG" into C&W mx (MB-MA)
- 1580 WPGC Morningside, MD July 10 0557 pr u/WLIM's Big Band mx w/"Business Radio 1580 WPGC" ID (MB-MA)

*** EDITOR'S DESK ***

Thanks to Mike & J.D. for their support in this otherwise DX dead summer.

NOTE EDITOR'S ADDRESS CHANGE!!! I moved one door over to a larger unit. I am now in #27. Mail addressed to #26 will be forwarded, but may be delayed.

Is there to be a new NRC Log this fall? Has anybody heard? I noticed they called the last one the "13th NRC Log" rather than the "1993 NRC Log."

IRCA DX TECHNIQUES

LEONARD HYDE - 1805 WHIPPLE DR #27 - BLACKSBURG VA 24060-2436

GETTING STARTED IN MW DXING

By Leonard Hyde

PART 2: ANTENNAS:

If you bought the best radio money can buy, you would not get much out of it without a good antenna. Fortunately, hundreds of feet of wire are no longer necessary. All modern radios suitable for MW DXing will perform up to their capabilities with a 50 to 75 foot wire antenna.

The wire antenna will work well over the radio's entire tuning range. However, for optimum results on MW, a directional antenna is needed.

This is because the BCB channels are increasingly crowded. You know this by listening to the radio at night. Some channels are just a jumble of many stations all trying to come in at once.

If you have a directional antenna, you can rotate it to null out some of these interfering stations. This improves your chances of hearing a real DX station.

An air core box loop gives excellent results on MW, and you can make it yourself. Many plans are available. Also available are amplified ferrite bar antennas, active whips, and multi antenna systems for phasing of unwanted stations.

If you have a digital portable, some new constraints come into the picture. First, you should never directly couple an untuned longwire antenna to the radio's antenna jack. These radios lack a tuned circuit network between the antenna and RF amplifier. Thus, you will get spurs and mixing products: that is, stations on frequencies other than that to which they are assigned. Use an antenna tuner. These are easy to construct, and many plans exist. Commercial units are also available.

Second, if you use the radio's built in ferrite bar antenna, it is unlikely that you will hear anything that can be classified as DX. The same reason as before: lack of a tuned circuit network to peak the antenna at the received frequency.

The cure: either use an outboard antenna of any type described earlier, or use a **piggyback** loop.

This is a simple affair, and can be easily made by anyone. It consists of a ferrite bar antenna, and a tuning capacitor, mounted in a plastic box. There is no direct connection to the set. The antenna is inductively coupled by securing it to the back of the receiver, near the built in ferrite bar antenna.

The antenna works in two ways: 1) it provides a signal strength gain by increasing the aperture of the antenna system, and 2) it peaks the receiver's built in antenna at the desired frequency.

To demonstrate the effect, tune your portable to a frequency where there is a weak, hard to read station coming in. Now, put any inexpensive dial type AM radio next to yours, back to back. Tune the other radio to the received frequency on your portable. Where did all that signal come from? Well, it was there all the time, but your portable's antenna was not peaked at that frequency.

The active whip antenna may be used on MW, but is non directional. It is best used as a component in a phasing system of some sort.

What is a phasing system? Simply, signals from two dissimilar antennas are

so that it is at the same level from both antennas. If the two signals are 180 degrees opposed to one another (out of phase) they will cancel out, and we will hear any station that was previously covered up. The same principle is being experimented with to build silent, mufflerless cars. Engine sounds are sampled, reproduced at equal volume, 180 degrees out of phase, and the exhaust sounds are almost completely cancelled.

If you ever hooked up one of your stereo speakers backwards, and noticed that it no longer "sounds good," you have connected the speakers out of phase. Thus, some sounds from the speakers are phasing or cancelling each other.

Why do the antennas have to be dissimilar? If they were identical, you would cancel or phase every signal on the frequency, since they would all match. When the antennas are dissimilar, and adjusted to phase the strongest signal on the channel, the other received signals will be at different levels and polarities, and will not phase or cancel one another.

Phasing systems range from simple to complex, and are a home build item at the present time. See the IRCA Reprint list for articles and plans. (TO BE CONTINUED)



Western DX Forum ★ ★ ★ ★ ★

Reid Wheeler 5910 Boulevard Loop SE Olympia, WA 98501

Deadline: Saturday 2 weeks before publication

Your Editor

If I have Ralph's publishing calendar figured out correctly, this should be the last issue (number 34) of Volume 30. We will be going to two issues in September as the new DX season begins. I'm using this 'new season' opportunity to remind all of you submitting your Forums to please type/word process them double spaced. I am not discouraging anyone from sending me handwritten material - just take a little extra time to write/print clearly. I really want to re-type your submittals accurately and it's often hard to do if your writing is a little sloppy. Also please remember that I follow the IRCA Bylaws and Editorial Policy in dealing with all submittals. Should you have questions or concerns, please write. I can also normally be reached by phone from 6 pm to 9 pm most any day at 206-786-1375 (please no calls after 9 pm PLT). Best of luck to all and good hunting!

Gary Jackson, 7735 Center Pkwy, Sacramento, CA 95823

[7/1] Hi! I was interviewed on KEST-1450 khz [San Francisco] last Monday morning and gave IRCA a big plug! The station was saying they no longer could reach Sacramento but my QSL which came last week proves them wrong as they no longer use [//] KOBO-1450 in Yuba City. KOBO-1450 is now, this past week, using all Spanish daytime only 500 watts. I purchased the Kiwa loop and now I am able to null out some of my local stations. Three 50,000 watt'rs within a few miles will drive a DX'er crazy! Was able to null local KSAC-1240 and WSL KHOT, Madera now changed to all Spanish 250 watts at almost 200 miles! So instead of going to convention I purchased the Kiwa loop! 73

Robert Wien, 1309 Dentwood Dr, San Jose, CA 95118

[7/5] Well, it's been a week since I got back from the IRCA convention, had a very good time, John Johnson did an excellent job as host. The KTVQ-TV 2 tour was especially interesting, it's just too bad my golden chance for fame across MT. cable systems was destroyed when the nx ran apparently late and IRCA was limited to a brief on-air mention at the end of the nx. The KCTR tours were good, as was the banquet and auction, where I purchased a CKLG T-shirt, KKLQ-FM tank top and a variety of business cards. I've received all my pictures back from the convention and have sent some into Ralph for inclusion in a future bulletin, plus copies to various members. It's nice to associate faces with names. On the way to/from the convention along the road, noted many AM station changes which will be annotated in my next B.I. column, and other members have passed on tips to me. One tip passed on at the convention: CHEC-1090 AB now CKRX, tried for last night but not hrd., also Pat Martin in OR passes on that KEZF-1040 OR now on the air, but no trace of it here last night, listed as 2200/200. On way

back from convention, stopped in and took pictures of studios of KWYS-920 West Yellowstone, MT (they s/off 1 pm on Sundays!), KTFI-1270 Twin Falls ID (studios closed on a late Sun. afternoon but took pix of xmtr), and KELK-1240 Elko NV (gave me an Elko city map w/their logo on it). Thanks to all the members for voting me on the BoD again, I hope to serve you well as I hope I did the last term. 73's.

Mike Sanburn, PO Box 1256, Bellflower, CA 90707

Hello everybody - the '93 IRCA convention was great. I got to do brunch with Ralph S., Phil B., Shawn A., Bill N., and Wayne M. Also did dinner with Larry G., Dale P. and Dave W. I shared a banquet table with Dale, Frank, and Robert ... contrary to popular belief, I did more than just feed my face, hi. Stopped by the KGHl studios next door for some chit chat. Went along for the tours of local towers - KCTR studios high atop the Sheraton hotel downtown - and KTVQ-TV channel 2, where we met news anchor Gus Koernig. I had the privilege of viewing both John and Robert's excellent QSL collections. The demonstration of the Kiwa loop on a classic Hammarlund SP-600 was enough to make a DXer drool. Our guest speaker, Vic Miller, entertained us with his wit and stories of local radio. Sat and watched the business meeting. A big congratulations to J. D. Stephens for winning this year's well deserved T.V.A. award. The auction was a real hoot. Paul Swearingen bought a whole slew of radio station mugs and is now affectionately referred to a "Mr. Coffee", hi. Topping everything off was JCJ's priceless slide show. It was thoroughly inspirational. Sunday afternoon gave us a tornado watch and a pretty hefty thunderstorm - subsequently there was no Beverage DXpedition. I was out and about photographing lightning strikes. When the static dissipated, I then DXed. Heard stations from North Dakota, Los Angeles, Mexico, and especially Canada. CBW, CFUN, CJNB, and CKRX (ex-CHEC 1090). CJGX was also noted on 940. Tentative CHUM fighting XEG... The convention was one I'm glad I didn't miss. Montana is excellent! Here's hoping next year's convention is as well planned and announced likewise well in advance. Thank you to our hosts John and Larry. 73

George Kesteven, 247 Scenic Way NW, Calgary, AB T3L 1B6

[7/22] Greetings fellow DXers. After appearing in the flesh at Billings, I thought it appropriate to appear in print after approximately a ten year absence from these pages. First, a word of appreciation and congratulations to John and Larry for a truly enjoyable convention. It was a real pleasure to see the people whose names and contributions I have seen in print over the years. It affirms to me that what makes this hobby truly satisfying is the people aspect. Now for someone who has not contributed a forum for as long as I have, I suppose a re-intro is in order, hi. I joined IRCA some 21 years ago at the age of 14 with the encouragement of my late Uncle, Percy Kesteven, who was very active in the club during the late 60's and early 70's. Interests and priorities have shifted over time as my wife Dianne, and I now have two young daughters aged six and two who keep us very busy. I have tended in recent years to spend more of my depleted hobby time pursuing HAM interests, although I still occasionally spin the dials on MW, chasing particularly the CPC tests. I work as a financial analyst for Petro-Canada, and hectic career related activities have tended to reduce the time available to pursue hobbies. My shack contains, in addition to the HAM gear, a Radio West modified FRG-7, a Sangean ATS-803, and a Space Magnet #2 antenna. In addition, there are a number of HAM/SW antennas outside, one (a quad) which I occasionally experiment with on the MW band. It has relatively poor directional qualities but being some 49 feet above ground there is definitely gain, hi. As I mentioned to some of you in Billings, Calgary is not a particularly attractive DXing location because of the presence of seven 50kw stations, six of whom are NSP in the immediate vicinity. Six of them have transmitters located south of the city transmitting predominately north during the night, and I live on the north side, so they never go away, hi. As many of you have observed in recent issues there have been some major format changes at many of these stations in an effort to bolster sagging ratings. CFXL (formerly CFXX, CISS, and CKXL) is now oldies/easy listening, IDing as "XL-1140", while CFCN is now calling itself "MIX-1060" (format changed from "AM 106" during April) which reflects a format made up of just about everything, hi. CHQR has gone to talk by day, and easy listening by evening and satellite feed at night. As with most other major North American radio markets, where FM continues to dominate, it remains to be seen whether these changes will significantly increase listenership/financial prospects. My thanks again for a great time in Billings and I will endeavor to report again before 2003, hi. 73s. *[Good to hear from a Kesteven again ... do contribute again soon - double spaced, hi. - rcw]*

Larry Godwin, 2390 Clydes Dale Ln, Missoula, MT 59801

(406) 721-5131

[7/27] Greetings! Congratulations to J.D. Stephens for winning the 1993 TVA! Also to Chuck Boehnke for fine, rare receptions from Peru and Brazil. I've been out of town most of July so have DXed little. Highlights from July nevertheless include a new beacon on 1622 and CBC-LPTR on 900; see DXWW and DXR, respectively, for details. The Nat'l Ass'n of Broadcasters will hold a radio show in Dallas 9/8-11, but Digital Audio has no plans for a KDAB-like experimental station then. I did get a verie from KDAB-1660, confirming power as 200 w. So far from Missoula my verification success is 100% (5 of 5 reports, hi). 73

Patrick Martin, PO Box 843, Seaside, OR 97138

[7/23] I just recently built a Phasing Unit featured in the IRCA Technical Guide. It is a unit designed by Mark Connelly. A quite simple unit made up of a couple of switches, pots, var. caps and coils. The effects are quite dramatic at times. I can totally lose KVAS and KAST, my closest locals at night, and mostly lose KSWB-Seaside. During the day I have been able to phase out KOAC-550-Corvallis, OR to hear CKPG-Prince George, BC and others. It seem to work well on about any antenna I use, either the SW/NE wire, the 1500 Eastern Beverage or the 1800 foot NNW Beverage. Is anyone hearing a new (presumed) station on 530 KHZ from the East Coast (presumed)? On 7/6/93 from about 0340 to 0505 EDT, I logged an UNID station in SS playing SS Pops, and an'mts by males and females. Several mentions of phone numbers and addresses in New Jersey. I heard two IDs, one by a man and other by a woman as "This is W-W-R-M, New York, 530 AM, your ... ethnic(?) voice" The signal was def. East, only hearing it on my Eastern Beverage. It was not audible on any of my other antennas or a loop. It was fairly good at times, but of course at ID time, faded. It was only a little bit weaker than WQEW-1560 at the time. I have a tape if anyone wants to hear it? That's it for this time. Good DX to all. 73s. Patrick

Bill Nittler, Box 824, Mancos, CO 81328

The Billings convention has prompted me to send in a Forum for the first time in a while. Thanks to Larry and John, the convention was great ... good to see old acquaintances and the new faces. I made it to Billings on Thursday afternoon and stayed until about noon Sunday. Particularly enjoyed the DX party on Saturday night but like normal, I dropped out around midnight. First convention I made since Sacramento-89 sponsored by the late Ric Heald whom I met for the first and last time there after communicating for years. I got back to Mancos on 7/4 and only DX logging has been CKRX-1090 call change as reported at the convention. I certainly hope that someone will take over for Ralph as I don't believe the joint publication will work with NRC .. we might as well merge at that point. It doesn't hurt to investigate it though, so hope our committee will keep an open mind. Only 18 veries received in 1992, my all time annual low. Only 6 thus far in 1993; CFX-1140, KRSO-590, KCQL-1340, KQLO-920, KOSZ-1570 and KNST-790, for current total of 3332. Wish everyone a great rest of the summer and great upcoming DX season.

Nancy Hardy, 2301 Pacific Ave, Aberdeen, WA 98520-4527

Thanks to John and Larry for a wonderful convention! Bill and I had just visited Larry last summer, but it had been nearly 21 years since "Nancy Gantzer" had seen John! It was great to meet so many new friends - from Honolulu to Louisville - and all points in between. Also, the strong Canadian contingent held many new faces. I can't remember any convention in the past so well represented! The KTVQ tour was fun, especially the live newscast. The business meeting was interesting, with a presentation done by NRC's Paul Swearingen. The quiz was well prepared, with a little something for everyone. As usual, the auction was lively, but my son Billy wished he had more than \$1.05 to spend, hi. Larry came up with a very good idea for the IRCA Contests. There should be a contest report elsewhere in this issue. The only bad thing about the convention was that it didn't last long enough, hi. If you missed Billings, you missed a good one! 73

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

[7/28] It's been eight years since Nancy and I attended an IRCA Convention, and we think John and Larry did a fantastic job with the 1993 event. Our favorite activity was meeting DXers we knew only through the mail. 27 adults attended, and Nancy met 13 new friends while I met 16.

Nancy had previously met several of the convention go'ers when she lived in Fredonia, NY. The station tours were also fascinating. President Phil Bytheway conducted a productive business meeting. NRC Publisher Paul Swearingen discussed his proposal to print a joint DX News-DX Monitor. I expected hostility to his proposal, but everyone listened fairly. Phil is asking the Board to form a joint committee with NRC to work out details. Although I cast a "yes" vote to form a committee to study the matter further, I won't support a matter opposed by most members of IRCA. I still would prefer to keep DX Monitor as a separate bulletin. As you have read, if nobody else steps forward to publish DXM, Ralph is willing to stay on, publishing DXM 22 times per year (every two weeks) beginning in summer 1994. We had a fine banquet, a fascinating speaker, and a fun auction. We left from the Sunday picnic from Mt. Rushmore. On June 30 we headed east to Badlands National Park and Wall Drug. The interstate east of Rapid City has amazing groundwave, with midday catches KWOA-730 Minnesota, CJOB-680 Winnipeg, CBK-540 Sask., Denver on 560-710-760-1090, and most of ND-SD and much of Nebraska. Watch CDXR for daytime, TIS, and a few nighttime catches. Then back home via Yellowstone Park, where it snowed on July 3 at noon, enough to write our name on the window! We had a great time and we hope to do it again soon! 73 and good DX.

Stan Weisbeck, 411 E Sinto #203, Spokane, WA 99202

[7/22] Thanks & congratulations to John Johnson & Larry Godwin for hosting a wonderful convention in Billings! I found all the events very enjoyable & it was fun putting faces to the names I'd been reading in the DXM since joining the IRCA in February. I've been meaning to write in since joining to introduce myself. I'm 42, single, & I've been a master control operator at KXLY-TV for nearly ten years. I was a disk jockey for several years before that, & initially came to work here as a DJ for KXLY-920. I've been a DXer for over 30 years, although, casually most of the that time. I became serious about it again last year after buying a Sony 2010 for SW & discovered how great it is for AM DX. I've since also acquired a Superadio II & a Kiwa loop. I'm getting ready to take a trip to Russia & Eastern Europe the end of August & I'll try to report on what I hear. 73, Stan. *[Welcome to the IRCA Stan - good you could make the convention - rcw]*

In conformance with Section III-F of the Editorial Policy, I am including a brief commentary from a non-IRCA'n...

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

[7/25] A forum for an NRC'er? Oh well! Just a brief note to thank Larry & John for the excellent convention that they hosted in Billings! I enjoyed putting faces to all the names and talking AM DX. Enjoyed Craig's Kiwa loop demo and talking tech stuff with other 'techie' types. My thanks also to the Quality Inn employee who pulled my Q-2 card number for the Walkman door prize. My wife thanks you, too, because she's an avid walker (she has a 8 hr/day desk job) and uses it daily. All in all I had a great time and appreciate the hard work that was put in (I hosted a convention once so I know what needs to be done Hi!). Congratulations on a JOB WELL DONE! 73 *[There are never too many 'well done's' given for the job done by the likes of Larry and John!! - rcw]*



KILL
COUNTRY FOR THE 90'S

EASTERN

DX

FORUM

DEADLINES: 8/21 9/4 9/18 9/27

Richard C. Evans
P.O. Box 21883
Milwaukee, WI 53221-0883

Phone: 414-ATLantic 2-9035

R.C. Watts, 4109 Graf Drive, Louisville, Kentucky 40220-3016

Good article on digital broadcasting in August issue of Omni magazine. Says DMX and DCR on cable already have over 20 million subscribers. My local cable has DMX but it's overpriced in my opinion so am not buying it. Heard the author, Byron Poole, on the Talk Radio Count Down Show later on. Free lance writer and not a tech. person. Said got most of his info from DCR. Ran into WRKA (Oldies 103) at Sam's (Discount) Club. Picked up some stix and took a pix of the good lookin' gal, Stevie Jantsen, doin' the promo. Next day, we visited WMMG-1140/93.5 in Brandenburg, KY. It was devastated along with the town by a tornado on April 3, 1974. Rebuilt on the same sita, it's a neat little station. General Manager is Shawn Lynch who was previously the GM of WKRP. The one in North Vernon, IN, that is! The following day was in the Lexington area with a camera. Took some outside pic of WLKY-TV 27 and happened past WJMM-106.3 on way to Versailles, KY. Several cars parked nearby so we stopped for stix and pix. Their "770 AM" runs country gospel and is WCGW, Nicholasville. To cap it off, A.J. and I traveled to Elizabethtown, KY to see WIEL-1400/WKMO-106.3. Guided by Chief Engineer Bob Horsley. Stopped by WASE-105.5 on the way in to town and WQXE-98.5 on the way out. And that's it for now from Col. DX.

Mike Hardester, 3118 Gaitway Ct, Jacksonville, North Carolina 28546-6973

GREETINGS! Thank you to all who voted for me in the recent elections. As before, I'll do whatever it takes to keep the IRCA #1! Your comments and suggestions, as always, will be welcome. The lack of DX has led to a corresponding lack of replies, though one recent QSL received was a PFC from WSLR-1350 for a f/up rpt. The v/s is unreadable. I'm curious if anyone repairs, or knows anyone who repairs, RACAL rx's. I have a RA-17 boat anchor which, one day, I would like to get operational. This is a low priority item for me, but if anyone can offer any suggestions, I would appreciate hearing from them. All for now. Very 73 and Best of DX to All!

Tom Bryant, 849 Todd Preis Drive, Nashville, Tennessee 37221

On behalf of the WTFDA, I want to thank the IRCA for publicizing our recent Nashville convention in the DX Monitor. Among AM DXers attending was J.D. Stephens and several NRC members. The weather was horrendously hot, but everyone had a good time in spite of the 105+ heat index readings. I've just watched most of Ernie Wesolowski's tape of the Billings convention. Looks like the hosts did a super job. Wish I could have been there. As a youngster I visited relatives there many times and remember well when it was a 3 AM station market...when KOOK-TV went on the air...and seeing KGHL-TV equipment in huge boxes in a storage room just before construction began. Of course KGHL was a nighttime regular in ND, and I remember a live nightly organ and recitation program from the Northern Hotel featuring Grace ???! Wow, how things have changed! Finally, I bought a KIWA loop a couple of months ago and have been well pleased with the results. It's a heft price tag, but the results seem to justify the outlay (at least in a way that only a DXer can justify things). 73's and goodXing: Tom Bryant. (Tom, don't worry about my question to you some time ago. I already have my answer--rce)

Rick Evans, 4841 South 26th Street, Milwaukee, Wisconsin 53221-2937

I don't remember seeing a schedule for DXM yet for this next season, but the deadlines I show on the masthead should do it. I'll be on vacation for a week in Sept., but it should fit in nicely (except I may have to do a lot of typing that first Monday back, hi). No DX herein July. I thought the overtime was bad in June, but July got worse, and August may not be much better. Out of room, see you in three weeks. 73.



VERIFICATION SIGNERS

Stephen S. Howe
9 Warner Drive
St. Albans, VT 05478-1575

My deadline will be the last Friday of the month, unless indicated otherwise.

Contributors:

GVJ Gary V Jackson, 7735 Center Parkway, Sacramento CA 95823-4148
 PM Patrick Martin, P O Box 843, Seaside OR 97138-0843
 ERS Elliot R Straus, 980 Cooper Dr, Toms River NJ 08753

FREQ	CALL	NAME and TITLE	ADDRESS	WHAT	WHEN	WHO
530	TIS	Eddie Miguez, ODFW	Jewell Wildlife Meadows Elsie Rte, Box 1565 Seaside OR 97138	L	24	PM
550		El Director	Radio Rebelde, Ap. 6277 Habana, Cuba	Q	360	PM
590	KTHO	Dave Wakeman	P O Box AM South Lake Tahoe CA 96156	L+	30	GVJ
670	WIEZ	David N Supplee, CE	P O Box 667 Lewistown PA 17044	L+	f	ERS
690	WPHE	Rev. Jose A Cintron	P O Box 46327 Philadelphia PA 19160	P	f	ERS
830	CKKY	Owen Marin, CE	Box 1476 Wainwright AB T0B 4P0	L	148	PM
	CFJR	Adele McCann, Sales C	P O Box 666 Brockville ON K6V 5V9	L+	f	ERS
850	WNIS	Dave Morgan	999 Waterside Dr Norfolk VA 23510	L	ff	ERS
1060	WBIV	Robert L Tarpin, SalesM	1105 Commonwealth Ave Suite 204 Boston MA 02215	L	f	ERS
1140	KVLI	John M Ridenour, GM	P O Drawer T Lake Isabella CA 93240	L	10	GVJ
1170	WCTF	John Ramsey, CE	P O Box 270-868 W Hartford CT 06107	L	f	ERS
1230	KZUS	Sheryl Harle, P	Box 456 Newport OR 97365	P	10f	PM
	WODE	Jay Mitchell, PD	107 W Paxinosa Rd Easton PA 18042	P	fff	ERS
1250	KHOT	Edward C Distel, VP & GM	P O Box 112 Fresno CA 93707*	L	6	GVJ
	KKDS	Bob Day, GM	1334 First, Suite 150 Seattle WA 98101-2003	L	40	PM
1350	KSRO	Randy Wells, CE	1410 Neotomas Ave Santa Rosa CA 95405*	Q	5	GVJ
1370	KPCO	Barbara M Wittick, TrafM	P O Box 11370 Quincy CA 95971	L++	3	GVJ
1420	KUJ	Ronald Sweatte, CE	830 N Columbia Center, Blvd #B2 Kennewick WA 99336	L	19f	PM
1450	KEST	Tom Johnson	185 Berry St Bldg #2 Suite 6500 San Francisco CA 94107*	L+	9	GVJ
1460	WBET	Peter Rivoira, PD	P O Box 787 Brocton MA 02403	L++	f	ERS
1490	KOWL	Bill Kingman, CE	P O Box 15460 South Lake Tahoe CA 96151*	L+	20	GVJ
1520	KMPG	H Scott Killgore, P	P O Box 1414 Hollister CA 95024	LM+	5	GVJ
	WGAM	Edward Skutnick, O	158 Main St Greenfield MA 01301	P	f	ERS

FREQ	CALL	NAME and TITLE	ADDRESS	WHAT	WHEN	WHO
1660	KDAB	Michael P Smith, CE	CBS Radio, 6121 Sunset Blvd Los Angeles CA 90028	L+	90	PM

WHAT was received: L = Letter; Q = QSL card; P = Prepared card supplied by DXer; R = DXer's letter returned with statement; M = Coverage map; B = Bumper or other sticker; + = Extra goodies
 * [for this report] = Address differs from that in latest NRC Log

WHEN the reply came: Number of days elapsed; f = Follow-up; n = Return postage not used; r = Return postage returned

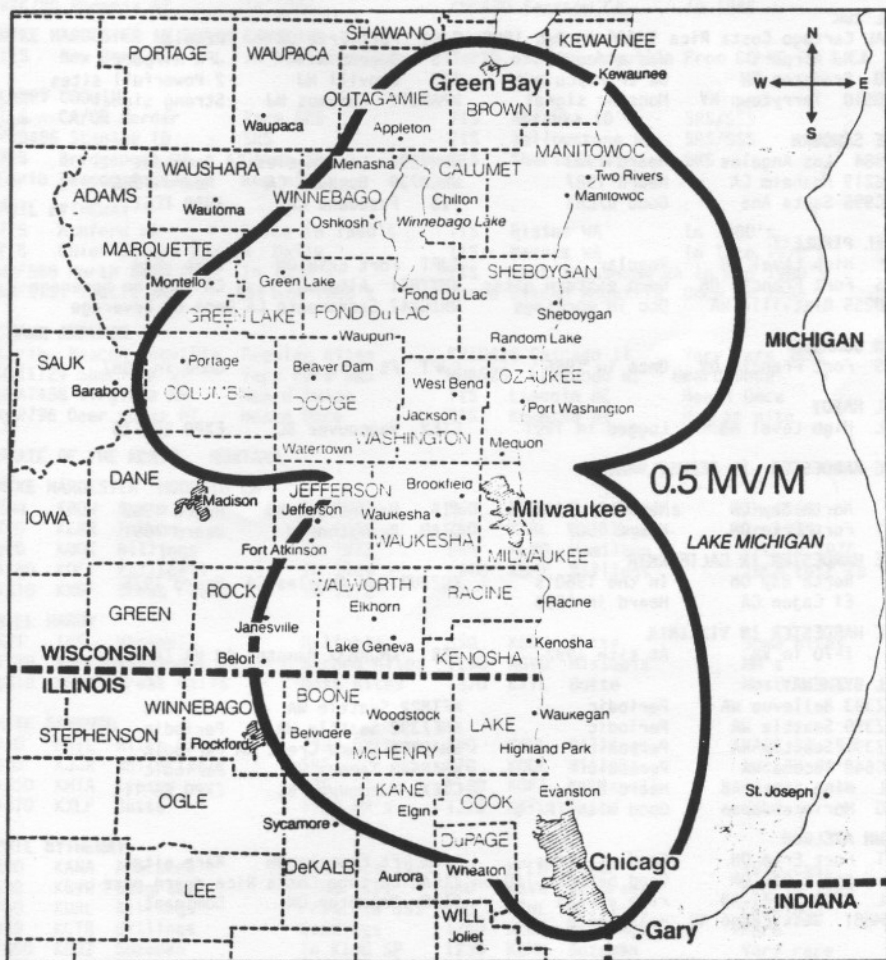
Nice stationery, Patrick! What does the signer's title abbreviation ODFW stand for concerning your TIS on 530 kHz? This column was prepared on 7/30/93. 73, SSH.

Coverage Map

WYLO

a m 540

STEREO
 A MARSH Broadcasting Station



Hearing It Through The Grape Vine

SHAWN AXELROD, 30 Becontree Bay, Winnipeg, MB R2N 2X9 Canada (204) 253-8644 before 2300 E.L.T.

CONTRIBUTORS

PHIL BYTHEWAY 9705 Mary NW Seattle WA 98117
 LARRY GODWIN 2390 CLYDE'S DALE LANE MISSOULA MT 59801
 NICK HALL-PATCH DXING AT OCEAN STATION PAPA 50N 145W
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 BILL HARDY 2301 PACIFIC AVE ABERDEEN WA 98520
 JOHN JOHNSON 979 NEPTUNE BLVD BILLINGS MT 59105-2129
 NIGEL PIMBLETT 1146 QUEEN ST MEDICINE HAT AB T1A 1B4
 MIKE SANBURN PO BOX 1256 BELLFLOWER CA 90707
 KARL ZUK 154 OLD POST RD N CROTON ON HUDSON NY 10520

FREQUENCY OF THE MONTH 530 KHZ

KARL ZUK

TICAL Cartago Costa Rica S/Off in Dec 1988	CJFT Fort Erie ON	Regular
TIS NJ Airport Was a regular	TIS Queens NY	JFK Airport
CIAO Brampton ON UX'er Psych out	TIS Denville NJ	2 Powerfull sites
WNYG610 Tarrytown NY Monster signal	WPAM610 Paramus NJ	Strong signal

MIKE SANBURN

KRN984 Los Angeles CA Heard 1983	WNVH296 Los Angeles CA Dominant
WNFG219 Anaheim CA Heard 1987	WNCN739 Burbank CA Heard 1986
KNEC996 Santa Ana Good u/LAX	TIS Pasedena CA 1989 TEST

NIGEL PIMBLETT

CKHL High Level AB Regular	CJFT Fort Erie ON Were good
CFHS Fort Francis ON Good eastern nites	WNYX861 Altamont Pass CA Once on beverage
WNYD255 Ritzyville WA Occ in mornings	WNIG247 Sacramento CA Once on beverage

JOHN JOHNSON

CFHS Fort Francis ON Once in 1986	CJFT Ft Erie ON Once in 1987
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BILL HARDY

CKHL High Level AB Logged in 1991	CIEX Vancouver BC EXPO 86 TIS
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MIKE HARDESTER IN PENNSYLVANIA

NB North Bay ON Heard in 1987	TIS Hagerstown MD Heard 1992
CJFT Fort Erie ON Heard 1987	CIAO Brampton ON Heard 1991

MIKE HARDESTER IN CALIFORNIA

NB North Bay ON In the 1960's	KQ2XUB Los Angeles CA Heard 1976
TIS El Cajon CA Heard in 1990	

MIKE HARDESTER IN VIRGINIA

TIS I-70 in VA At site 1992	TIS KMJR837 Hampton Rd VA In 1989
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PHIL BYTHEWAY

KNEZ393 Bellevue WA Periodic	KFT822 Seattle WA Periodic
KNEZ390 Seattle WA Periodic	KNEZ392 Seattle WA Periodic
KNEZ391 Seattle WA Periodic	WNAC789 Swamp Creek WA Periodic
WNAC648 Tacoma WA Periodic	WNAN648 Tacoma WA Periodic
CKHL High Level AB Heard 2/89	CIEX Vancouver BC EXPO 86 TIS
JOQG Morioka Japan Good with TP 's	

SHAWN AXELROD

CJFT Fort Erie ON Good at nites	CFNS Ft Francis ON Rare nites
NB North Bay ON Good before CIAO on	TICAL Cartago Costa Rica Heard once
CKHL High Level AB rare at SRS	CIAO Brampton ON Dominant
WNWMB81 West Fargo ND Heard once	

FREQUENCY OF THE MONTH 1610 KHZ

KARL ZUK

WNZY224 White Plains NY	TIS	TIS Newark NJ	Currently on
TIS New York NY	Occasionally on	TIS Rye NY	New this month

MIKE SANBURN

KNEC996 Los Angeles CA	Heard 1990	Carib Beacon	Anguilla Nights
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NIGEL PIMBLETT

KPD485 Astoria OR	Heard SRS 1992	Carib Beacon	Anguilla Winter nites
KOD771 Olympic Park WA	Several mornings	TIS Chief Joseph Dam WA	SRS common
TIS Clearwater Forest ID	Once on beverage	WNVQ843 Port Angeles WA	Twice
TIS Yellowstone MT	Several nites	WNII729 Serdian WY	Once in 1990

BILL HARDY

TIS Chief Joseph Dam WA	Many nights	WNDF946 Bellingham WA	Deleted
KOD762 Mt Rainer WA	Now Deleted	KNHD261 Olympia WA	Deleted
KOD773 Port Angeles WA	Now on 530	TIS Stevens Pass WA	Years ago
KNHD262 Uncas WA	Deleted		

MIKE HARDESTER IN CALIFORNIA

WXX790 Phoenix AZ	In 1981	KMC490 Barstow CA	In 1985
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MIKE HARDESTER IN NORTH CAROLINA

TIS New Bern NC	In New Bern area	Carib. Beacon	Anguilla From CO NC PA & CA
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LARRY GODWIN

TIS CA/OR Border	Rare SRS	TIS Ahsahka ID	SRS/SSS
KRD486 Stanley ID	SRS	TIS Yellowstone MT	SRS/SSS
TIS Bridgeport WA	Often SRS	TIS Sheridan WY	SRS
Carib Beacon Anguilla	Reg nites		

PHIL BYTHEWAY

TIS Ashford WA	Twice in 1980's	TIS Blaine WA	In 1980's
TIS Chief Joseph Dam WA	Daily	TIS Nachas WA	In late 1970's
WXF988 North Bend WA	In 1980's	TIS Port Townshend WA	In mid 1980's
KMFB751 Toutle WA	In mid 1980's	Carib Beacon Anguilla	Once in 1988

SHAWN AXELROD

Carib. Beacon Anguilla	Regular nites	KNIG425 Chicago IL	Very rare SRS
WNII729 Sheridan WY	Very rare SRS	KHA520 Lakewood WI	Heard Once
WNAT488 Virginia MN	Heard twice	TIS Lincoln NE	Heard Once
KOP796 Deer Lodge MT	Heard Once	TIS Kenosha WI	Reg at nite

STATE OF THE MONTH MONTANA

MIKE HARDESTER MODESTO CA

550 KBOW Butte	In 1970	560 KMON Great Falls	In 1969
750 KERR Polson	In 1985	790 KGHL Billings	In 1969
970 KOOK Billings	In 1972	980 KLYQ Hamilton	F/C in 1970
1180 KOFI Kalispell	In 1969	1240 KBYM Billings	IRCA test 69
1310 KKGf Great Falls	In 1972		

BILL HARDY

521 INE Missoula	Reliable	550 KBOW Butte	Some nites
1180 KOFI kalispell	Strong nites	1290 KGVV Missouls	MM's
1310 KEIN Great Falls	Most nites	1370 KXTL Butte	Most nites

MIKE SANBURN

770 KATL Miles City	1990 DX test	790 KGHL Billings	KABC SP '93
880 KJJR Whitefish	SRS	970 KOOK Billings	Occ 70-80's
1050 KMTA Kinsey	SRS	1180 KOFI Kalispell	Former pest
1370 KXLF Butte	1975 MM's	1370 KXTL Butte	Good

PHIL BYTHEWAY

580 KANA Anaconda	SSS once 1974	960 KFLN Baker	1975 test
630 KGVV Belgrade	S/ON 1971	640 KGVW Belgrade	F/C in 1986
730 KURL Billings	Freq. in SSS	790 KGHL Billings	Evenings
970 KCTR Billings	Evenings	1240 KUUS Billings	Rare
1090 KBOZ Bozeman	In KING SP	1230 KBMN Bozeman	Very rare

PHIL BYTHEWAY'S MONTANA CONT

1450	KXXL	Bozeman	Rare	550	KBOW	Butte	Freq in even.
1370	KXTL	Butte	Dominant nites	1400	KRDG	Deer Lodge	Very rare
1490	KDBM	Dillon	F/C 1970's	1250	KIKC	Forsyth	Dominant S/ON
1240	KLTZ	Glasgow	Once 1974	560	KMON	Great falls	SSS 1971
1310	KEIN	Great Falls	Evenings	1450	KODI	Great Falls	Very rare
980	KLYQ	Hamilton	F/C in 70's	610	KOJM	Harve	SSS
950	KMTX	Helena	Once KJR SP	1240	KBLL	Helena	Rare
1340	KCAP	Helena	Very rare	515	SAK	Kalispell	Dom in 80's
600	KGEZ	kalispell	Evenings	1180	KOFI	Kalispell	Nitely
1050	KMTA	Kinsey	Sign on	1230	KLCB	Libby	F/c in 1970's
1340	KPRK	Livingston	Very rare	770	KATL	Miles City	Occasionally
521	INE	Missoula	Dom. in 1970's	930	KLCY	Missoula	SSS
1290	KGVO	Missoula	Nightly	1340	KLYT	Missoula	SSS
1450	KGRZ	Missoula	Very rare	750	KERR	Polson	F/C 1983
1450	KRBN	Red Lodge	F/C 1983	1150	KSEN	Shelby	S/ON
1480	KGCX	Sidney	S/on	920	KWYS	W Yellowstone	SSS once
880	KJJR	Whitefish	In KIXI null	1450	KTXX	Whitefish	Very rare

BANDSCAN FROM NICK HALL-PATCH

COMPLETED ON MAY 24 & 25 1993 ONBOARD THE CSS JOHN P TULLY
 RECEIVER HOME BREW ANTENNA 8 METER VERTICAL

580	KRSA	Petersburg AK	FR-GD	620	KGTL	Homer AK	GOOD
650	KYAK	Anchorage AK	PR-GD	670	KDLG	Dillingham AK	PR-FR
690	CBU	Vancouver BC	PR-FR	730	CKLG	Vancouver BC	FR
750	KFQD	Anchorage AK	FR-GD	770	KCHU	Valdez AK	PR-FR
840	KABN	Big Lake AK	PR-FR	860	CFPR	Pr. Rupert BC	GD
890	KBBI	Homer AK	FR-GD	930	KTKN	Ketchikan AK	NL-FR
950	KRXA	Seward AK	FR-GD	980	CKNW	New Westminster BC	PR-FR
1080	KKSD	Anchorage AK	FR	1130	CKWX	Vancouver BC	PR-FR
1140	KSLD	Soldotna AK	PR-FR	1200	CKDA	Victoria BC	PR
1230	KIFW	Sitka AK	GD	1410	CFUN	Vancouver BC	PR
1470	CJVB	Vancouver BC	PR				

PR- Poor FR-Fair GD-Good NL-Nil

That is about all for this time. Karl Zuk sent in loggings for some pirates that were close to 1610 so I'll put them here for you to see. This is very interesting and are as follows:

1622 **KPF-941 Yonkers NY** Al Weiner's broadcast auxillary station in 1984. Great rock and protest music. FCC couldn't believe it was a licensed station but decided they were breaking the rules anyway!

1620 **RADIO NEW YORK INTERNATIONAL LONG BEACH NY** In international waters. The legendary MV Sarah and crew. (Heard here in winnipeg too-ED)

1625 **WKUE ?? NEW ENGLAND** Pirate 1987

1620 **WJDI COTTEKILL NY** Pirate with passion for the Grateful Dead and a very big output 10,00 watts! 1989-90

1620 **RHYTHM RADIO TORONTO ON??** Pirate with urban and Carib music 1990

1620 **K2DX** ???? Pirate 1983

1620 **WX RADIO CT???** Pirate 1983

1616 **KPRC MONTICELLO ME** Another Al Weiner Pirate sation 1984

1620 **WRMR MONTICELLO NY** Radio Free Monticello rock music 1991

1620 **KLAM DIGHTON MA** 1992 Busted almost immediately. Good signal all over the East Coast. Good engineering,dumb operators!

HEARING IT THROUGH THE GRAPEVINE CONTINUED:

FREQUENCY 1110 KHZ
 PROVINCE MANITOBA
 NEXT TIME AROUND

REMEMBER ON A CLEAR DAY YOU CAN HEAR FOREVER!!!!!!
 BILLINGS WAS GGGGGREATTTT!!!!!!!



Geomagnetic Indices

+	high point	mas	major storm	SA	solar activity
-	low point	mis	minor storm	spe	satellite proton event
GEO	geomagnetic activity	pca	polar cap absorption	ss	severe storm
maf	major flare				

Geomagnetic Summary June 18 1993 through July 15 1993

Date	FLUX	A	K	SA	GEO	OTHER
6/18	-	-	-	-	-	-
20	91	3	0	low	quiet	-
21	91	1	0	very low	quiet	-
22	97	2	2	low	quiet-unsettled	-
23	109	12	4	low	unsettled	-
24	121	23	3	high	unsettled-active	maf 0735
25	119	17	2	high	unsettled-active	maf 0322
26	122	10	1	moderate	quiet-unsettled	-
27	128	6	1	moderate	quiet	-
28	124	4	2	low	quiet	-
29	123	10	2	low	quiet-unsettled	-
6/30	116	8	3	low	quiet-unsettled	-
7/ 1	108	18	5	low	unsettled-mis	-
2	110	23	4	moderate	unsettled-mis	-
3	111	15	3	moderate	quiet-active	-
4	107	8	2	moderate	quiet-unsettled	-
5	101	2	0	low	quiet	-
6	95	5	3	low	quiet	-
7	93	10	2	low	quiet-unsettled	-
8	93	14	3	very low	quiet-active	-
9	90	11	2	very low	quiet-unsettled	-
10	86	10	5	very low	quiet-mis	-
11	83	22	1	very low	quiet-active	-
12	86	9	3	very low	quiet-unsettled	-
13	87	8	1	very low	quiet-unsettled	-
14	93	0	3	very low	quiet	-
7/15	93	3	1	very low	quiet	-

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The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the AM Broadcast Band (510 - 1630 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.

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