



# DX Monitor

Devoted Exclusively to  
Broadcast Band DXing

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## In This Issue

IRCA Technical Column .....	2	DX Worldwide .....	17
Eastern DX Roundup .....	4	DX Worldwide II .....	20
New Members .....	6	Index to Volume 17 .....	26
Central DX Roundup .....	7	DXers Guide to China .....	28
Western DX Roundup .....	10	Eastern DX Forum .....	38
Composite Caribbean Groundwave .....		Louisville Convention Report .....	42
Analysis .....	15	Western DX Forum .....	43

## DX Calendar

- Mon Oct 13 WGTO-540, Cypress Gardens, FL 50,000 w east-west directional pattern. Will test 0000-0400 ELT with music, voice, and jingle IDs, and 1,000 Hz tones. Very short phone calls will be accepted at 813-956-1324. Send reports to Dr. Frank Berry, CE, WGTO Box 123, Cypress Gardens, FL 33880. Arranged by Mike Hardester, for IRCA.
- Mon Oct 27 WDLW-960, East Moline, IL will test from 0130-0200 EST. Send all reports to Glen Rogerson, CE, WDLW P.O.Box 149, East Moline IL 61244. This from Ernie Cooper and NRC.
- Mon Oct 27 KPTL-1300, Carson City, NV, 5000/500 w, will test 0400-0500 ELT on AM and FM w/music & IDs for KKBC-97 and KPTL-1300AM. Phone calls can be made to 702-882-1319. Send reports to James W. McEachern, CE, KPTL, Frontier Plaza, Suite 227, Carson City, NV, 89701. Use this address rather than the P.O.Box listed in the NRC Log. Arranged for IRCA by Rob Harrington.

## DX Gettogether

Bruce and Evelyn Portzer will have a get-together on Saturday Oct. 18 beginning at noon at 6546 19th Ave. NE in Seattle. Bring some type of refreshment. For details call 206-522-2521.

NEW DX WORLDWIDE EDITOR. Effective immediately, Neil Kazaross Union College Box 1024, Schenectady, NY 12308 is taking over as DXWW editor. As always, all reports of foreign DX should be sent to Neil at the above address. The possibility of splitting up DXWW into east-west columns, is still just only under consideration, pending general club response, and whether or not we can find an editor for the west section.

Bill Harms is writing an article on Korean stations and would appreciate information on time pips, receptions, veries, etc. His address is University Station, P.O. Box 7428, Provo, UT 84602.

The IRCA Technical handbook is out and selling fast. So contact phil Bytheway at the Goodie Factory today to get yours.

Well, DXM is now on a weekly schedule, and that means that IRCAnS everywhere are picking up on a new DX season. So be sure to report your DX to the appropriate column editor. The healthfulness of the columns depends on the helpfulness of the membership.

Dave K. alias Al Franken. hi



## the irca technical column

Editor: Nick Hall-Patch  
1538 Amphion St.  
Victoria, B.C. V8R 4Z6  
Canada

You may have heard that Yaesu is replacing the FRG-7000 with the FRG-7700. Some details, courtesy of Ralph Sanserino:

This unit tunes slightly lower than the FRG-7000--down to 150 kHz, but its medium wave AM sensitivity is given as 25 uV. Sensitivity is comparable to the FRG-7000 above 2 MHz. AM narrow selectivity is given as 2.7 kHz at -6 dB, and 8 kHz at -50 dB; there is also AM medium and AM wide selectivity positions. FM detection is available above 2 MHz. AC house current is needed to power the radio, but a DC kit is an available option. Another option is a memory unit which allows storage and recall of up to 12 frequencies in the receiver's range. The radio also claims a "high performance noise blander" and "selectable slow-fast AGC". Naturally, it has a digital frequency display. It should be available in October at \$715 with memory, and \$559 without. If you get one, please send in a review.

\* \* \* \* \*

An update sheet from Radio West says they now carry the GE Superadio at \$70, as well as various Sony and Grundig multiband radios.

\* \* \* \* \*

A new sub-section of Murphy's law may now be formulated: "Describe a circuit using a unique component and that component will be discontinued by the manufacturer". The NE 561 IC used in the synchronous AM detector circuit in the last column is no longer available---and there is no substitute...

Synchronous detection may be quite promising for the MW DXer in more complex AM detector circuits. E.H. Grossman and Wayne Covington have uncovered articles on this method of detection which look quite challenging. Things like bi-aural listening (one sideband to one audio channel, and the other sideband to a different audio channel) are apparently possible without using two receivers.

These articles include:

"Synchronous detection" in The New Sideband Handbook by Don Stoner

"The synchronous detection process" in 73 Magazine, Sept 1967. By William Nagle.

"A practical receiver design for SSB, ISB and AM medium frequency broadcasts" by Macario, Craine and Walters in EBU Review for June 1974

"Synchronous Detection in Radio Reception, Pt. 2" by Pat Hawker. Wireless World, November 1972

"Eliminating Adjacent Channel Interference" by P.L. Taylor in Wireless World, July 1977.

This last is a theoretical article and should provide food for thought for any engineers in the crowd.

\* \* \* \* \*

### A REVIEW OF TWO AUDIO FILTERS

by Bruce Portzer

In recent years, a number of audio filters have appeared on the Amateur/SWL market, some selling as low as \$50. These devices perform a number of audio processing functions, including high pass, low pass, and bandpass filtering, notching (rejecting a narrow range of frequencies), and peaking (passing only a narrow band of frequency). Details on how to use audio filters have appeared in past Technical Columns, are in A DXer's Technical Guide (get yer order in now folks!), and will be available as a reprint later this year. As a brief recap, audio filters can be used to eliminate or reduce unwanted test tones and heterodynes, to improve the intelligibility of DX tapes, to reduce the "rumble" on graveyard channel reception, and to enhance morse code IDs during DX tests and frequency checks. Although useful, an audio filter is no substitute for good selectivity in your receiver. Don't expect one to be of any help if you're plagued by a strong local wiping out adjacent channels.

Recently, through the courtesy of Gilfer Associates, I had the pleasure of trying out two audio filters. My impressions are summarized in the following paragraphs.

#### The MFJ-752

The MFJ is actually two filters in series. The primary filter can be used as a peak, notch, highpass, or low pass filter (selected by a front panel switch) and has potentiometers to control selectivity (steepness of the cutoff) and cutoff (for high and low pass) or center (for notch and peak) frequency. The secondary filter is similar to the primary filter, but has only notch and peak capabilities. The MFJ-752 also has a diode noise limiter, two input jacks (switch selectable), and rear panel headphone and speaker jacks. It operates from either a 12 volt AC adapter (furnished with the filter) or any 9-18 volt DC supply. It comes in a 10x2x6 inch cabinet and costs \$79.95. The filter is designed for plugging into a receiver or amplifier headphone jack.

Let me assure you, this little gadget really works. I played several old DX tapes through it and discovered, thanks to this filter, that two previously unidentified loggings made in 1973 were WDEF-1370 in Tennessee and WAAO-1530 in Alabama. I had played both tapes many times in the past and had been unable to ID them, even using other filters, so needless to say, I was favorably impressed with this unit. I also found the peak and notch functions to be quite acceptable in enhancing morse code IDs and reducing heterodynes. In general, the filter improved audio quality noticeably and in some cases improved readability.

Now for a couple of negative comments. First it's a bit difficult to use. It took me several hours of fooling with it to learn how to use it and I can envision some less technically inclined DXers throwing up their hands in despair after fooling with the several controls. Second, I noticed a couple of workmanship problems: the AC adapter produced a noticeable hum which was not present when I used my own power supply. I later learned that MFJ's supplier somehow sent them 1000 AC adapters with no filter capacitor! The problem has since been corrected; however, there may still be a few defective AC adapters lying around somewhere... In addition, one of the two input jacks was bent slightly towards the other, making it impossible to plug patch cords into both jacks at the same time.

In conclusion, this gadget is very effective. It's a bit complicated to operate, especially for the technically unsophisticated DXer. However, for the patient knob twacker it can produce very good results.

#### The Mizuho AP-M1

This is really a cute little thing. It's about half the size of a World Radio TV Handbook, yet has its own built-in speaker. It can be used as a bandpass or notch filter and has controls to vary the width and center frequency of the passband or notch. It operates from either a 9 volt battery or an external 6-12 volt supply. It is designed for plugging into the headphone jack of a receiver or amplifier (a patch cord is provided). The list price is \$49.95.

This filter did not perform quite as well as the MFJ-752, but it proved to be much easier to operate. In order to test its notching and peaking abilities, I tuned in KFI-640 and set my signal generator for 639 kHz, which of course resulted in a loud 1000 Hz tone mixing with KFI on my FRG-7. With the bandwidth control in its narrowest practical position and the center frequency set at 1000 Hz, I had only the KFI audio with the filter control in the notch position and only the tone with the control in the bandpass position. The filter was effective at enhancing a particular voice--for example by adjusting the center frequency control, it's possible to change back and forth between enhancing a woman's voice and enhancing a man's voice.

My one complaint about this filter is that the front panel is just a little too crowded. Crammed into a 1" x 5" space are two controls, 2 LEDs, input and output jacks, and a notch-bandpass-off switch. It's especially crowded when both jacks are in use; however, part of the problem could be alleviated by installing input and output jacks on the rear of the cabinet.

The filter is relatively easy to use and shouldn't befuddle anyone. Its features and small size make it ideal for taking along on DXpeditions. If you take your FRG-7 or TRF out to the coast, it would effectively eliminate many of those herts from pesty TAs and TPs!

# WCSH-AM to change name and ownership

By **BRYAN McNULTY**  
Staff Writer

Gone are radio's thrilling days of yesteryear: The Lone Ranger, the Shadow, the Shinola Merry-makers, live music and dead air time.

And gone soon will be WCSH-Radio, "the first Maine super power radio broadcasting station."

Home-grown and -owned WCSH-AM is being bought by a New York corporation which will change its call letters to WYNYZ.

The "super power" description was from a 1925 Press Herald account of the station's July 13 debut. The hyperbole applied to the station's 500 watts of power, a tenth of what it uses today.

But back then — the fifth year of commercial radio — the airwaves were uncluttered, and 500 watts went a long way. If atmospheric conditions were right, Portland radio waves would bounce as far as Philadelphia or Toronto, sometimes to even the far West.

"I think it's kind of sad," said retired WCSH executive Jack Atwood. "It was one of the pioneer stations in the state."

A station owned by Bangor Hydro-Electric Co. was technically the first Maine station to broadcast,

Atwood noted. But it only aired a Sunday religious service. WCSH had the first daily, commercial schedule.

Atwood made a career at WCSH and other Maine radio and television stations from 1926 to 1978. He recalled WCSH as "one of the more creative stations because it did a lot of remotes."

He said, for example, that staffers would lug cumbersome broadcasting equipment to Portland City Hall for Kotzchmar Memorial Organ recitals and to the Coast Guard base for military band music.

The station was always hungry for volunteer entertainment. Portland was hosting the National Federation of Business and Professional Women's Clubs during the station's first week. On the station's second day, it lined up two hours of musical performances by ladies attending the national convention.

The station was created by Portland hotelier Henry P. Rines. His daughter, Mary Rines Thompson, took over the station in 1970 from her late brother, William Rines.

# Eastern DX Roundup

Bob Lazar  
3837 Milan Drive, Apt. 1  
Alexandria, VA 22305  
703-549-6217 until 10 p.m.

Deadlines: Saturday 10/4, Tuesdays 10/14, 10/21, 10/28

## OF SPECIAL INTEREST

1150 WRUN NY Utica, noted ANing 0412 8/21, hope 'tis not permanent! (DY-CT)  
1610?Pirate? 8/19 per tip from Chuck Hutton, we hrd weak sig playing oldies  
R&R w/ professional sounding DJ 2130-2200; at 2000 an NBC nx-  
cast. Possible errant harmonic or spur or a pirate? Also  
mentioned "...will be back next Tuesday...." and gave a phone  
number (not clear). (KVJ-GA)

- =====
- 560 WJLS WV Beckley, 8/17 0306 network nx by YL, then C&W mx following  
SID. Good. (WPT-KY)  
570 WWNC NC Asheville, 8/17 0246 C&W song by Marty Robbins, ID by male DJ.  
Good. (WPT-KY)  
600 WICC CT Bridgeport, 8/31 1255 children's store spot for back-to-school  
sale. Fair in WCAO null. (WPT-VB)  
WMT IA Cedar Rapids, 9/11 in w/ fair signal at 0555 w/ promo of CBS  
nx on the hour. Pop mx. (HJH-PA)  
610 WDAF MO Kansas City, 8/17 0323 wx rpts, C&W mx, "61 Country" ID.  
Xlnt. (WPT-KY)  
630 WLAP KY Lexington, 8/17 0313 talk show by OM, ment of Lexington at  
0300 during ID. Fair u/ Cuban. (WPT-KY)  
WPRO RI Providence, 8/31 1253 Jimmy Rodgers song, ID by male DJ. Fair  
in WMAL null. (WPT-VB)  
640 KFI CA Los Angeles, 9/11 & 9/12 in w/ good signal on both mornings,  
especially 9/11 from 0540 tune in until 6 a.m. s/on of WEJL-  
630. T-40 programming w/ two and three selections in a row.  
(HJH-PA)  
750 WBMD MD Baltimore, 8/31 1302 ethnic pgm, language unknown. Xlnt.  
(WPT-VB)  
790 WETB TN Johnson City, 9/11 1947 s/off hrd at this time, mentioned  
5000 w, also mentioned xmtr link. Good signal. (HJH-PA)  
810 WYRE MD Annapolis, 8/31 1309 T40 mx, ID by male DJ. Good. (WPT-VB)  
9/13 1915 s/off strong but fadey w/ WGY. Sometimes over w/  
WGY nulled. First time at SSS. (HJH-PA)  
CJVA NE Caraquet, 8/30 2021 FF talk by OM. Fair u/ WGY. (WPT-VB)  
840 WHAS KY Louisville, (this wasn't logged at the convention, hi) 8/19  
1328 talk by OM, MoR song w/ fem vocal. Fair w/ sun 27 $\frac{1}{2}$  from  
zenith at 81 $^{\circ}$ 15'W, halfway between xmtr and rx (sun can cause  
nasty sunburn even on a gloomy overcast day). (WPT-MD)  
860 WYJZ PA Pittsburgh, 9/11 1930 strong at s/off, mentioning 1000 w.  
First time hrd w/ new call. (HJH-PA)  
920 CKCY ON Sault Ste. Marie, w/ ID, R&R o/ WHJJ 2355 8/26, first time in  
ages. (DY-CT)  
960?unid???? 8/21 2015 s/off w/ slow version of "Dixie". WAAK or WJAZ?  
WBEU does not s/off w/ Dixie. Fair. (WPT-DC)  
970 WREO OH Ashtabula, 8/21 1956 spot for Lake National Bank. Good.  
#15 on 970. (WPT-DC)  
1000 CKBW NS Bridgewater, good w/ CBC nx 2002 8/27. (DY-CT)  
1030 WBE MA Boston, 8/30 1300 start of nx by YL. Good. (WPT-VB)  
1060 CJRP PQ Quebec, 8/22 2024 T40 mx, FF talk by male DJ. Xlnt o/ KYW.  
#9 on 1060. (WPT-DC)  
1080 WWDR NC Murfreesboro, 9/12 1917 nice sig. u/ WTIC w/ s/off over the  
"Theme from Rocky". (HJH-PA)  
WZTQ WV Hurricane, 8/13 2030 apparent s/off w/ song by Johnny Denver  
(Country Roads) hrd two nights in a row. Signal took dipsy  
doodle, so no ID. # 12 on 1080. (WPT-DC)  
1120 WUST DC Washington, loud w/ soul 1958 8/26. (DY-CT)  
1190 WANN MD Annapolis, 8/30 2000 s/off by male CE. Xlnt. (WPT-VB)  
CHTN PEI Charlottetown, good w/ WOWO throwing carrier on/off o/ unid  
TT looping NE/SW 0110 9/1. (DY-CT)  
1220 WFAX VA Falls Church, w/ s/off 2000 8/26, mentions 6 a.m. s/on, no mx,  
good. (DY-CT)  
1240 WJNC NC Jacksonville, 9/16 2032 T40 mx, wx rpt, temp. 74 $^{\circ}$ , ID by male  
DJ. Good atop GY pile. # 11 on 1240. (WPT-DC)

1260(WWDC)DC Washington, 8/20 0010 noted off air. (WPT-DC)  
WCHV VA Charlottesville, 8/20 0041 MoR mx, ID by male DJ. Fair w/  
heavy WTAE splash during WWDC SP. Slopping NSP off air; when  
the cat's away, the mice play, hi. # 5 on 1260. (WPT-DC)

1280 WADO NY New York, 8/30 0033 SS talk by OM. Bombing in like a local.  
(WPT-VB)

1320 WGET PA Gettysburg, w/ Phillie BB poor 0017 9/5. (DY-CT)  
1340 WRWA PA Reading, w/ ID atop pile 0623 8/27. (DY-CT)  
WBRE PA Wilkes-Barre, Phillie BB 0055 9/5 fair o/ unid TT/pack. (DY-CT)

1370 WALK NY Patchogue, 9/1 1316 wx rpt (temp 79° F). Fair o/ WKIK. (WPT-VB)  
1380 WAYZ PA Waynesboro, 8/13 2009 spot for store selling Firestone tires,  
C&W song by YL. Fair-good. #13 on 1380. (WPT-DC)

1400 WJLB MI Detroit (tentative), 9/1 0138 hrd R&B mx & ancr mentioning what  
sounded like "JLB Radio"--his name sounded like "Carol Jacks"  
w/ mx by "Hellzapoppin". A tentative rpt off to them, but am  
99% sure I got my 1st MI GYer. (KVJ-GA)

WOND NJ Pleasantville, 9/1 1314 ID by male ancr, fair in WPCE null.  
(WPT-VB)

WPCE VA Portsmouth, 9/18 1948 sermon by male preacher. Xlnt atop chan-  
nel. Stn is becoming a GY pest. (WPT-DC)

1410 WDOV DE Dover, finally bagged, overpowering WPOP at times w/ Mutual nx  
2230, wx 2235, ID @ 2237 on 9/6. Deep-voiced male ancr w/ soul  
mx. (DY-CT)

WOTT NY Watertown, fair in WPOP null w/ "R. 1410" ID's & local ments  
2007 8/26. (DY-CT)

1420 WKYY VA Amherst, 8/13 2015 s/off by OM w/ ment of 1000 watt power.  
# 17 on 1420. Fair. (WPT-DC)

1440 WAJR WV Morgantown, 8/30 2008 wx rpt (temp. 79°F). Good. (WPT-VB)  
1450 WCTQ KY Campbellsville, 8/30 0736-0739 w/ "Q-104" ID's (FM simulcast,  
presume), American T40 promo, U of KY FB promo. (KVJ-GA)

WXVW IN Jeffersonville, 8/30 piped in briefly 0745 w/ ad for garden  
tractors and promo for SM religious pgm. (KVJ-GA)

WTBO MD Cumberland, 9/10 1937 ID by male DJ after T40 song. Fair in  
WOL null. #5 on 1450. (WPT-DC)

WFTR VA Front Royal (tentative) 9/9 1952 ID by OM; caught last letter  
amid heavy GY QRM. Fair in WOL null. (WPT-DC)

1470 WFSR KY Harlan (tentative) 9/8 1945 s/off w/ "My Old Kentucky Home".  
Fair u/ WSAN. "Beyond the Sunset" at 9/10 1940. # 16 on 1470.  
(WPT-DC)

WKSD WV Huntington, 9/12 1944 ID by male ancr. Fair w/ moderate QRM.  
# 17 on 1470. (WPT-DC)

1470 unid ?? w/ World Tomorrow 2022 8/26, gone @ 2030 recheck, nothing list-  
ed. (DY-CT)

1490 WDBQ IA Dubuque, 9/1 the amazing GY cx of 9/1 continues w/ a tentative  
rpt sent to this (verie received 9/8) hrd briefly 0220 w/ R&R,  
temp. & ad. (KVJ-GA)

KJIN LA Houma, 9/1 a real surprise 0239 w/ editorial "feedback" pgm  
reading listeners letters, gave full address & phone no. & ID  
before C&W mx. Xlnt signal! (KVJ-GA)

WWDE VA Hampton, w/ call ID, ABC nx 0400 8/21. (DY-CT)

1530 WCHL ?? 8/28 2030 C&W mx format. S/off by OM w/ ment of WCHM-FM on  
103.1 MHz. Switcheroo w/ WREX? (WINX and WOOK in DC area did  
the same on 1340 and 1590) Any ideas? Fair u/ WCKY. (WPT-DC)  
(s/off time doesn't fit Chapel Hill--ed)

1540\*WDON\*MD\*Wheaton, 9/15 0045 ETing w/ oldies mx. (WPT-DC)

1550 WOKJ MS Jackson, 9/10 0615 hrd w/ strong signal giving CBE problems  
w/ Kings Hwy. pgm of black gospel mx. (HJH-PA)

WXVA WV Charles Town, w/ nx, ID, "15-XVA" 2005 8/26. Fair-good, an  
old friend. (DY-CT)

1570 CKLM PQ Montreal, 8/30 0029 T40 mx, FF talk by male DJ. Good-xlnt.  
(WPT-VB)

1580 WRDI NJ Hammonon, 8/30 2002 s/off by OM w/ ment of pgms on FM outlet.  
Good two mins. after WPGC s/off. (WPT-VB)

WYFA NY Patchogue, 8/31 1313 end of T40 song, then wx rpts for Long  
Island followed by oldies song. Good o/ WPGC; heard again  
9/1 1302. (WPT-VB)

1580\*WYFA\*NY\*Patchogue, 9/13 0053 Eting w/ T40 mx. Full 10 kw daytime power. SID. Xlnt. (WPT-DC)  
\*WJIK\*NC\*Camp Lejeune, 9/10 0020 Eting w/ gospel songs, "This is WJIK Camp Lejeune, NC" by male CE. #25 on 1580. Good. (WPT-DC)  
1600 WEUP AL Huntsville, 9/15 1959 nx by YL, then SID. Fair in null of WINX. (WPT-DC)

PER THE LIST

1240 WRTA PA Altoona, r/c/TT 0020 9/5. (DY-CT)  
1360 WHBG VA Harrisonburg, w/ TT/r/c 0002 9/5 (1st Fri.), superloud o/ WDR. (DY-CT)

THANKS TO THESE REPORTERS

HJH - Harry J. Hayes, 9 Henry St., Wilkes-Barre, PA 18702  
(Zenith Trans Oceanic, HQ-180, Superadio, SM-2)  
KVJ - Karl V. Jeter, 3590-C Clubhouse Circle East, Decatur, GA 30032  
(HQ-150, TRF, SM-2, 4 ft. NRC loop)  
WPT - Bill Townshend, 4500 Connecticut Ave. NW, #901, Washington, DC 20008  
(Realistic TRF)  
(WPT-KY) DXing at IRCA convention, Louisville, KY  
(WPT-MD) DXing during lunch break at work  
(WPT-VB) DXing at Sandcastle Motel, Virginia Beach, VA  
(WPT-DC) DXing at home  
DY - Dave Yocis, 85 Vesper St., Fairfield, CT 06430  
(Realistic TRF)

I've listed my phone number in case any of you care to phone in any flash tips. The best time to call would be the night before my deadline (i.e. Mondays in most cases) since I usually start work on the column as soon as I get home from work on the deadline days. And please don't call after 10 p.m. as I'd rather sleep! 73.

\*\*\*\*\*  
**NEW MEMBERS**  
\*\*\*\*\*

from Rich Segalas  
P.O. Box 26254  
San Francisco, CA 94126

Linda Sue Morby, Ushers Road, Ballston Lake, New York 12019 (rejoin)  
Marc Crumpler, 450 N. Mathilda Avenue, Apt. I 207, Sunnyvale, California 94086  
Norbert M. Boner, P.O. Box 12, Covington, Tennessee 38019  
Artie Bigley, 6201 Rampart #871, Houston, Texas 77081 (rejoin)  
Peter Tworow, 21 Roseview Drive, N.W., Calgary, Alberta, Canada T2K 1N5 (rejoin)  
Thomas Mitchell, 1114 Garman Road, Akron, Ohio 44313  
David F. Bialoglowy, P.O. Box 2815, RDJTF, MacDill AFB, Florida 33608  
G. Hore, 1713 Palmetto, Ridgewood, New York 11385  
J.C. Doherty, P.O. Box 6158, Postal Station A, St. John, N. B., Canada E2L 4R6  
Don Moman, 6815-12th Avenue, Edmonton, Alberta, Canada T6K 3J6  
William L. Gerber, P.O. Box 2031, Carmel, California 93921  
Pedro F. Royer, P.O. Box 311, Brooklyn, New York 11205  
D.B. McClurkan, 3520 Bangor Court, Irving, Texas 75062  
Rick Hume, Carmen Terrace #17, Crookston, Minnesota 56716 (rejoin)  
Dan Knepper, 5780 Springview #21, Rocklin, California 95677

RENEWALS AS OF 26 September 1980

Jim Jennings, Paul R. Donegan, Chuck Hutton, Robert lake, Wolf J. Flywheel, Carol & Douglas Pritchett, Ralph Sanserino, Randall J. Seaver, R.J. Small, John Clemmer, Glenn L. Thompson, Kjell Norman

ADDRESS CHANGES

David Legler, 354 W. Wadsworth Hall, Mich. Tech. University, Houghton, Mich. 49931  
Joseph A. Markewicz, 1408 Maple Grove Road, Apt. 315, Duluth, Minnesota 55811  
Dave Yocis, 190 E. McDonel, MSU, East Lansing, Michigan 48825  
Randy Tomer, 1969 27th Street, Arcata, California 95521  
James Wallace, 63280 Sand Hill Road, Bellaire, Ohio 43906

DON'T FORGET THAT ALL RENEWALS AND ADDRESS CHANGES SHOULD COME TO ME AT THE ABOVE ADDRESS.

# Central DX Roundup

Robert Kramer  
4639 N. Albany  
Chicago, IL 60625

## UNIDEDs, SPECIAL, CHANGES, et.al.

- 550 UnIDed 8/19, 0002-0008, poor W/Mutual NX & Larry King. RG-W-CO  
620 UnIDed 8/18, 2358, popped in from het W/CBS Mystery Theatre. RG-W-CO  
850 UnIDed 9/10, 0502-0507, very poor, W/SSB, S/On, followed by song "Leaning on the Everlasting Cross". RG-IL
- 900 UnIDed 9/9, 0102-0103, good W/TT on ET, looping E-W, no ID, no further TT. RG-IL  
1440 UnIDed 9/8, in mess, W/T40 mx. local ad for "Hair Care Center" whose phone # was given as 964-3888, ID by DJ as W??J. RG-IL (How about WEZJ ?, ed.)
- 1480 CKAN ON NEWMARKET, 8/10 2234 Song and ID W/Address. Very good W/WOPA QRM. Hours are 0600-0010. MJ-IL
- 1490 UnIDed 9/8 0423-0501, O/U/mess W/OM in SS doing remote from either a night club or a party, mentioned "Mexico" and "Chicanos" several times, SS YL & OM pop singers, OM interviewed people from the audience, usual crowd noises & applause. Believe this is a U.S. stn. as WRTH lists no Mexicans of suff. power on this freq. at this time. RG-IL (prob. WOPA Oak Park, IL, ed.)  
1540 UnIDed 9/8, 0203-0210, O/WP/R after KXEL S/Off (not KXEL, not strong enough) fair W/ET TT, no ID. RG-IL
- All da Rest
- 550 KFRM KS SALINA, 8/18 0957-1008, fair W/Hank Williams Jr. record, ID as follows: "This is KFRM Salina, KS, transmitting from Wichita, KS", nx, local ads. RG-MS-CO
- KTSA TX San Antonio, 8/17 2353 good W/ID & Beatles record. RG-CC-CO  
560 KLVI TX BEAUMONT, 8/18 0016, good W/ID & Statler Bro. record. RG-IL  
570 WFAC TX DALLAS, 8/18 0032, good W/talk show. RG-CC-CO  
580 KUBC CO MONROSE, 8/19, 0000, poor W/ID & Start of CBS Mys. Theatre. RG-W-CO  
590 WKZO MI KALAMAZOO, 8/25 0530-0535 poor U/super pest WRTH W/Nx & Wx & ID RG-IL  
610 KHKR NM ALBUQUERQUE, 8/18 0250-0305 excellent W/IDs as "Radio 61 and full ID on hous, R&R. RG-CC-CO
- 690 KGGF KS COFFEYVILLE, 8/18 2310-2313 good W/Kansas City Royal Baseball. RG-W-CO  
770 KOB NM ALBUQUERQUE, 9/1 0437, bearly there U/WABC W/Tom T. Hall "Back when the Gas was 30¢ A Gallon" and ID by DJ. RG-IL
- 790 KXXX KS COLBY, 8/21 1328-1335 weak W/Back to the Bible, ID as K Triple X, nx, local ads. RG-MS-CO
- 810 KCMO MO KANSAS CITY, 8/19 0013 in like gang busters W/KC Chiefs-Vikings post game wrap up show. RG-W-CO
- 860 KONO TX SAN ANTONIO, 8/9 0141 ID as "86-KONOh" into song. Caught during quick bandscan, very good. MJ-IL
- 900 KGSJ KS WICHITA, 8/21 poor 1404-1414 W/"Another View of the News", ID. RG-MS-CO  
910 WLCS LA BATON ROUGE, 8/25 0118-0127 fair W/T40 mx, ID's, WX. RG-IL  
920 CKCY ON SAULT STE. MARIE, 9/3 0016-0023, W/T40 mx, several call letter IDs by DJ who gave phone # 949-4445. RG-IL
- 940 KIXZ TX AMARILLO, 8/19 0028-0045, excellent W/C&W, local spots, IDs by both call letters and "KICKS" by DJ. RG-W-CO.
- 1050 KBUL KS GARDEN CITY, 8/17 1828-1900 W/Charlie Pride record then into AEC nx weekly wrap-up show of Lem. conv. & political items. RG-MS-CO
- 1140 KNAB CO BURLINGTON, 8/18 2145 W/rock mx, S/Off ann. W/invitation for list. to tune to KNAB-FM. RG-W-CO
- 1250 WREN KS TOPEKA, 8/20 0000, poor W/ID, followed by Jerry Falwell pgm. RG-CC-CO  
1260 KVSF NM SANTA FE, 8/20 0041-0108 fair O/KPOW & KWHK W/YL DJ, R&R, spots, wx. RG-CO  
Out of order
- 990 WNYR NY ROCHESTER, 9/15 0216 in suprinsgly well for only 125 watts W/mx & ID as the "New 990". RK-IL  
1220 CKSM PQ SHAWINIGAN FALLS, 9/15 0133 Good, but fady, W/R&R, FF anncr. WGAR off//  
1230 WTCJ IN TELL CITY, 9/16 0000½ fair W/S/Off RK-IL  
WIKB MI IRON RIVER, 9/22-23 2358-0007 fair-good W/Mx, ID, NBC nx & S/Off RK-IL  
WKLK MN CLOQUET, 9/11 0057 fair W/S/Off RK-IL  
WCJO WI JANESVILLE, 9/24 0905 fair way U/WJOB W/Nx, one of my closest unheards//  
WXCO WI WAUSAU, 9/11 0000 fair-poor W/ID, CBS nx. RK-IL
- 1260 KPOW WY POWELL, 8/20 0104½ very weak U/KVSF & mess, surprise here W/S/Off ann. saying that they were the first stn. in the Big Horn Valley, SSB. RG-CO
- 1280 WPKN NY ROCHESTER, 8/16 0130 during break on WMRO, WPKN came in W/Suprise ID. Poor W/WGBF/KTLK. MJ-IL
- 1300 WFBR MD BALTIMORE, 8/30 0619 ID & Wx after song. Good O/mess. Unexpected. MJ-IL  
1310 WDOC KY PRESTONBURG, 9/6 0558 One hour late on F/C W/TT & garbled ann. Good W/WIFE & WIBA. Stn. # 700. MJ-IL
- KAAM TX DALLAS, 8/19 2316 poor mixing W/KFKA & UnIDed SS, W/Wx & ID as "K double A M" by OM RG-CC-CO
- 1330 WPRZ IL EVANSTON, is off the air as reported last issue. RK-IL

1330 KVOL LA LAFAYETTE, 9/10 0115 very poor in after WRAA ET W/Rod Stewart record & call letter ID by DJ. RG-IL

1370 WPRC IL LINCOLN, 8/26 0700 S/On beginning W/"Good morning" and ment. of owners & WPRC-FM. Good O/WSPD. MJ-IL

KGNO KS DODGE CITY, 8/17 1613 weak W/KC Royals game, ID, local Ads. RG-MS-CO

1380 WPLB MI GREENVILLE, 8/26 0659 legal ID, into UPI Nx. Very good, WVON no trouble // MJ-IL

1390 KLNT IA CLINTON, 9/14 2001 W/ID in WVON null RK-IL

1400 WBAT IN MARION, 8/11 2130, after CBS Report, man gave legal ID. Fair. MJ-IL

WTIM IL TAYLORVILLE, 8/17 2100 S/Off W/only final ID readable. Poor, lucky to get this one now W/WRMN going 24 hr NSP any day now MJ-IL (Don't count on WRMN being NSP very long, they don't have the ratings to do it. Elgin is too close to Chicago, people don't want a small town sounding station like WRMN when stuff like WGN comes in just as much, ed.)

WHLN KY HARLAN, 8/12 0616 ID after local Nx. Fair W/WIZM/WING, much wanted, MJ-IL (Mike, this is a big SRS pest, in a short time you'll wish it didn't exist, hi, ed.)

1420 WAMM MI FLINT, 8/30 0600 S/On caught while tuning around. Good, no sign of WKPR. MJ-IL (Mike, WKPR comes on about 0602, ed.)

1430 KELI OK TUISA, 8/25 0452-0554, poor O/mess W/nx & ID in promo for Paul Harvey. RG-

1440 WNFL WI GREEN BAY, O/UnIDed & mess W/S/On. RG-IL (date ? Time ?, ed.)

1450 WMIQ MI IRON MOUNTAIN, 8/14 0102 faded up W/"Good morning from WMIQ-1450..." then back down. Poor W/WXOL mulld. MJ-IL

1460 WXOK LA BATON ROUGE, 8/18 0028 Blues & Jazz mx & ID. Very strong, about WMBD strength. MJ-IL

1470 WBIG NC GREENSBORO, 8/17 0006 CBS nx //WMBD, then S/Off W/men. of NAB; lucky to get this one. MJ-IL (another one you'll soon call pest, ed.) MJ-IL

WKSD WV HUNTINGTON, 9/8 0625 faded up W/ID & C&W mx. Good-fair W/WMBD & others//

1490 KBAB IA INDIANOLA, 8/12 0058 SID popped out of mess, caught on tape. Poor in tight WOPA null. MJ-IL

WBEX OH CHILLICOTHE, 9/14 2234½ fair in WOPA null W/Mutual Nx then ID RK-IL

1500 KDFN MO DONIPHAN, 8/1 2130 song & ID: KDFN-KOEA, serving the ??? VALLEY then off. S/Off was 30 min. late. MJ-IL MJ-IL

WGIC OH XENIA, 8/25 2028 clear ID, then S/Off. Fair-good O/mess W/WOPA mulld//

1530 KFBK CA SACRAMENTO, 8/25 0333-0406 poor W/"Public Policy Forum", PSA's CBS nx, S/Off ann. RG-IL

KDSN IA DENTISON, 8/28 2130 S/Off during Royals BB game W/promo for KDSN-FM. Poor U/WCKY W/UnIDed SSB underneath (KECK?) MJ-IL (The SSB was prob. KWOK, ed.)

WYGR MI WYOMING, 9/8 1959 S/Off W/ID & other info, no SSB, but a slow song followed the ann. Good but drowned out by WCKY. MJ-IL

KMAM MO BUTLER, 8/8 2125 Royals BB game, then tone at 2015 and S/Off W/men. of KMOE-FM. S/Off was broadcast O/BB game audio. Poor U/WCKY. MJ-IL

WJPJt TN HUNTINGDON, 8/26 2044 S/Off W/Tent. ID (sounded like WJGJ); rest of S/Off unreadable. Very poor U/WCKY. MJ-IL

1540 WADM IN DECATUR, 8/24 2045 S/Off W/men. of pwr & WADM-FM. XLNT atop channel. Later noted still on simulcasting FM. MJ-IL

KLKC KS PARSONS, 8/26 2115 Royals BB Game interrupted by ann. W/ID & promo for KLKC-FM. Fair U/KXEL. MJ-IL

WSWG MS GREENWOOD, 8/8 2045 S/Off W/men. of pwr, owners & WSWG-FM 99.1. No SSB. Fair W/KXEL mulld. MJ-IL

WTKM WI HARTFORD, 8/30 2100 Polka mx pgm, then S/Off W/men. of pwr & WTKM-FM, no SSB. Poor U/KXEL; very much wanted. MJ-IL

Out of order

1530 CISV MB MORDEN, 9/15 0347 fair W/mx & IDs as "Sun Valley Radio" RK-IL

1550 KGHl CA SAN FRANCISCO, 8/20 0212-0250 good O/UnIDed rocker & C7w stns W/class. mx RG-CC-CO (The C&W was probably KRGO, ed.)

KQXI CO ARVADA, 8/25 0310 good W/ET of TT, ID by OM, "This is KQXI on the air for equipment maintenance purposes. RG-IL

1560 WTNS OH COSHOCTON, 8/9 2030 S/Off W/men. of owners & WTNS-FM, no SSB. Good W/slight WBEE QRM. MJ-IL

1580 KNIX AZ TEMPE-PHOENIX, 8/20 0158 mixing W/XEDM fair W/Tanya Tucker record followed by full ID by OM RG-CC-CO

WCNB IN CONNERSVILLE, 8/12 0645 SSB & S/On W/men. of WCNB-FM 100.3. Poor but suprisingly all alone. MJ-IL

1590 WLBN KY LEBANON, 8/30 0749 Tent. ID and men. of Lebanon, then nx "for WLBN & WISK. Good W/WONX. MJ-IL

KEND TX LUBBOCK, 8/19 2229-2249 good W/C&W, many local ads, several ID's as "16 Country Radio, KEND". RG-CC-CO

1600 WARU IN PERU, 8/16 2030 faded in W/SID: "WARU 1600". Good in mess. MJ-IL

Freak Check

920 WMPL MI HANCOCK 9/3 0014½-0023 good O/CKCY (no sign of pests WGNU & KARN) W/F/C per IRCA list, TT. RG-IL

1060 KNLV NE ORD 0100-0115 2nd Sat MJ-IL

1330 WRAA VA MURAY, 9/10 0105-0114½ on ET per IRCA list W/OC RG-IL



1530 WMBT PA SHENANDOAH, 0130-0145 4th Mon. MJ-IL Not heard in Sept. RK-IL  
 WVFC PA MCCONNELLSBURG, 0230-0245 4th MM MJ-IL

Some wool from the sheep to  
 RK-IL..... Robert Kramer 4639 N. Albany Chicago, IL 60625 (312)-463-4334  
 (HQ-129-X, HQ-100c, 2-4' X 3' spiral loops)

MJ-IL..... Michael Jeziorski 3908 Circle Dr. Brookfield, IL 60513

and Rob Gerardi from:

RG-IL..... 1418 N. Lincoln Apt. D. Benton, IL 62812  
 RG-CO..... Cripple Creek, CO  
 RG-MS-CO..... Manitou Springs, CO  
 RG-W-CO..... Pikes Peak National Forest at Wye Camp Ground along Gold Camp Rd. 19 miles  
 out of Colorado Springs, CO.  
 All locations using Realistic TRF

I wish to appologize for all the goof ups. I kept forgetting to put my loggings in.

Riddle Clue 3: I have made many people a star.

	LAST WEEK	NEW	The RK Progress report THIS WEEK	TO GO
Heard	2769	9	2778	222
Verified	1796	0	1796	204

The Chicago Area DXers club is being revived after 7 years exodus. It will be restricted to people living within 150 miles of Chicago. Also, you must contribute or you will not be allowed to remain a member. The club will cover SWBC, BCB & TV DX. It will feature loggings & articles geared to the Chicago Area. The bulletin, DX PROBE, will be a very professional looking publication, largely because of our 2 professional artists. If you are interested write me for details (though some of you will have received a CADX propaganda sheet from club publisher Mike Mikolich already).

Will Karl Forth attempt to set the world's sub-zero, outdoor flagpole sitting record ?  
 Will Steve Schaffer make an earth worm sandwich ? Will Mike Hogan eat it ? Will Mark Strickert wear his orthopedic bloomers ? You won't find out unless you attend this season's 11th annual CADX holiday get together. This year's dates are 12/26-28 & 12/31-1/1. Watch this space for further details.

10 Part VI—Thurs., Sept. 4, 1980

Los Angeles Times

## KHJ TURNING TO COUNTRY MUSIC

By JAMES BROWN  
 Times Staff Writer

KHJ, the station that for more than a decade personified "Top 40" radio in Los Angeles—and, indeed, throughout much of the rest of the country as well—will switch to a country music format in mid-October.

According to new program director Charlie Cook, the new format will have "a more contemporary sound than KLAC," the station that has pretty much had the country music audience to itself for the past several years.

Cook said the relatively lengthy lead time for KHJ to make the switch will allow him and his staff to put together a country playlist and to fill several disc jockey spots that have opened up in the change from pop music to country.

"We want to do this right," Cook said. "Our idea is to first find out what the people in L.A. want to hear before we go on from there."

The KHJ switch does not come as a surprise. Though the station dominated pop music radio for much of the 1960s and early '70s, with the "Boss Radio" ideal designed by Bill Drake and the enormously popular morning-afternoon personality tandem of Robert W. Morgan and "The Real" Don Steele leading the way, KHJ has fallen on hard times in recent years.

The rising success of FM radio took away a large portion of the younger music listeners that once formed the nucleus of KHJ's audience, and it, like so many other Top 40 outlets in the country, was never quite able to fine-tune its format to lure them back.

For the past few months, rumors of a KHJ switch were rife in the industry, with some observers figuring a move to talk and others thinking that KHJ might be leaning more in the direction of a personality-oriented, full-service adult-contemporary sound.

However, with the "Urban Cowboy" celebration that seems to be sweeping the country these days—coupled with the fact that KLAC was metropolitan Los Angeles' only country outlet—made the move to country the next logical step.

"The people out there are saying 'We want it, we want it,'" Cook said. "Sooner or later, somebody was going to come in here with a country format because there's simply an enormous audience out there waiting for it."

With this change, the status of Rick Dees—KHJ's zany morning personality who was imported from RKO's Memphis affiliate last year to boost the station's sagging fortunes—is unclear. Cook says, though, that it is by no means cut-and-dried that Dees will leave KHJ once the move to country is made.

"Rick has expressed some interest in the format," Cook said. "In fact, he started out in radio working with a country format. Though we haven't yet sat down to talk about what we have in mind, Rick Dees is a very, very talented man and we're not going to just dismiss that kind of talent out of hand."



# WESTERN

Nancy Hardy  
2301 Pacific Avenue  
Aberdeen, WA 98520

# DX ROUNDUP

All times are  
Eastern Local

Phone for hot WDXR tips: (206)532-6827 till 10:30pm(PT)--no collect calls  
DEADLINES: Wed. 10/8, Thursdays 10/16, 10/23, 10/30, 11/6, 11/13

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- (bp) Bruce Portzner-6546 19th NE-Seattle, WA 98115  
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- (AJR) Andrew J. Rimmington-559 Clarke Road-Coquitlam, BC V3J 3X4  
Homebrew rx, 4' box loop w/passive filters
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118  
GE long-range portable, SM-2

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- 540 CBK SK, Regina 9/2 0259 weak w/promo for "The world at eight, every weekday morning...on 5-40 Radio in Saskatchewan." (JFJ-OR)
- 550 KOAC OR, Corvallis 9/16 2300 ID into classical mx. Poor u/KOY. New. C.FJC BC, Kamloops 9/11 0454-0504 fair w/mx, ID & "JC-55" (EC-CA) nx. (JFJ-OR)
- 555 KBOW MT, Butte noted off frequency 9/13 0330 w/sports, then SID & into pop mx. (RfK-CO)
- 560 KPQ WA, Wenatchee 9/2 0004 fair w/ID o/mx, "When you want your favorite rock, we got it, K-P-Q, Wenatchee." (JFJ-OR)
- 580 KMJ CA, Fresno 9/6 fair 0112 wx, 0114 ad for Blueberry Cafe, 0114 "KMJ Radio Theatre of the Mind" (into Mystery Theatre).(JFJ-OR)
- KFXD ID, Nampa-Boise 9/5 0813 mx, 0815 talk, ID & mx. (JFJ-OR)
- 590 ?KTHO? CA, So. Lake Tahoe 9/12 1435 hrd u/KID, other uniDs. Fair sig, w/ments of Tahoe, rr mx. New. (JH-NV)
- KHQ WA, Spokane 9/8 fair to good 0644-0646 w/David Horowitz 'Fight-back" spot, ID & Glen Campbell song. (JFJ-OR)
- 600 KSXO CA, Redding 9/12 1425 w/good sig, ID "K-Six-Uh," numerous local spots, pop rr mx (disco?). Finally caught this one!(JH-NV)
- KSJB ND, Jamestown 9/15 0350-0400 weak in semi-KCGO null u/quiet Freq. C&W mx, PSA, ads, ID, nx on hour. (RW-CA)
- CJOR BC, Vancouver 9/2 fair 0305-0306 end of nx & "C-R-60" slogan.
- 610 KFRC CA, San Francisco 9/5 0409 fair through severe (JFJ-OR)
- KGW-620 splash. Promo for bumper sticker & rock mx. (JFJ-OR)
- \*KFRC\* 9/15 0419-0157 GC off/on w/occas. tones. Rocker hrd u/GC, tone came on just as other stn was about to ID and volume was cranked all the way up. Ouch! (Rth-CA)
- (KFRC) 9/15 0321 noted totally off. (RW-CA)
- 620 KSTR CO, Grand Junction 9/16 0800 s/on w/SSB followed by NEC n. New. (KGW) OR, Portland off until 0731 9/15. Quick s/on w/rr mx (JH-NV) said they'd been off three hours. (bp-WA)
- KWFT TX, Wichita Falls 9/15 0730 ID & nx. KGW off. (bp-WA)
- 660 WNBC NY, New York 9/8 0407 fair/weak w/top 40 mx, OK anncr ment. "W-N-B-C." (WTL-CA)
- +9/15 0422 good w/MOR mx. (RW-CA)
- 690 KRCC OR, Prineville 8/31 1130-1136 very weak w/end of relig. program, ID at 1136. (JFJ-OR)

690 (CBU) BC, Vancouver MM 9/8 0430-0800 off as usual, but w/totally unmodulated OC rather than usual X3&! endless TT. (AJR-BC)  
 XETRA BCN, Tijuana MM 9/8 0512 finally hrd this one w/"Extra mx" slogans, due to absence of CBU TT. (AJR-BC)

710 (KMPC) CA, Los Angeles 9/15 0300-0457 off. S/on 0457 w/America. (RtH)  
 (KFIA) CA, Carmichael 9/15 off all morning. (RtH-CA)  
 ?WOR? NY, New York 9/15 0400 short tone, then ID followed w/interview prgm, ment. Sampson's Supermarket in NYC, a warehouse-type store. Very tent. WHB u/o. If not WOR, who? (RtH-CA)

720 KDWN NV, Las Vegas 9/6 fair 0202 end of Mystery Theatre, 0203 ad for MGM Hotel, 0204 ID and Joe De Lane talk program. (JFJ-OR)

730 \*KBOY\* OR, Medford 9/8 0705 weak o/CKLG w/OC and "This is K-B-O-Y on the air for testing." (JFJ-OR)  
 CKLG BC, Vancouver 9/8 fair 0818 "L-G-73" slogan and "Don't You Say It" by Brian Adams. (JFJ-OR)

740 KCBS CA, San Francisco MM 9/8 0522 fair w/ID & promo for Howard Ruff (sp?) commentary. New here but will doubtless be a regular now that I can get closer to sloppy ol' CKLG. (AJR-BC)

KTRH TX, Houston 9/14 0702 good w/OW annrcr "Houston's news authority" into local nx. (MTL-CA)  
 CBL ON, Toronto 9/14 0607 good/fair w/several opera selections, ON/PQ wx at 0618. First good catch of the season. (MTL-CA)

750 KPQD AK, Anchorage 9/11 0644-0648 fair to strong! Mx, ID, Helen Reddy song. (JFJ-OR)  
 WSB GA, Atlanta 9/15 0309 blasting at 3/6 on scale of 9, best in o/ a year, on TRF w/little KCBS-740 splatter. Unusually loud. (RtH)

760 KPFB CA, San Diego 9/11 0649-0650 mx & ID. (JFJ-OR)

770 KXA WA, Seattle will drop class. mx/talk format in mid-October in favor of rock oldies. New owner is Pat O'Day, current owner of KYYX-FK, ex-KOEL/KJR. watch 'em reliscense to some obscure suburb in order to go full-time... (bp-WA)

780 KNOM AK, Nome MM 9/22 0338 fair-good in WBBW null w/wx for western Alaska. (bp-WA)  
 (KCRL) NV, Reno 9/14 1030 still not on air yet, no carrier. (RtH-CA)

790 KABC CA, Los Angeles 9/6 fair w/fading 0320-0330, Ray Breen talk show. ID at 0326. (JFJ-OR)  
 KGHL MT, Billings 9/5 0358-0400 good o/KABC w/PSA about Wildlife Conservation, & ID "From Montana's magic city, this is Radio 79, K-G-H-L, Billings." and into NEC nx. (JFJ-OR)

800 CKOK BC, Penticton 9/2 0304 good w/CKOK-AK/CKGO/CKSP s/off said o/ Canadian Nat. anthem. (JFJ-OR)  
 +Tu 9/9 0518 almost equal to local 10kw CJJC in weird cx w/"C-K-C-K" ID, local spots. (AJR-BC)

850 KTAC WA, Tacoma 8/31 1211 ID in promo for the "Largest Radio Contest". Fair w/fading. (JFJ-OR)  
 +9/14 0120 good strength in partial KOA null w/top 40 mx & frequent ID's by DJ Gary Franklin. Surely not using night power & pattern. Gone at 0200 recheck. (RFK-CO)

870 KAIM HI, Honolulu 9/12 0915 weak w/ID "Dial 870, KAIM, Honolulu," into relig. program. (RW-CA)

870 WWL LA, New Orleans 9/11 0558-0600 relig. talk; wx, ID & CBS nx. Very weak. (JFJ-OR)

880 KRVN NE, Lexington 9/8 1611 w/fair sig, fading. Sports nx, spots, barely readable o/KWHO splatter. Rare midday! (JH-NV)  
 +9/11 0600-0602 s/on strong, w/SSB, ID & talk. (JFJ-OR)

910 \*KIXI\* NY, New York 9/7 0455 weak but readable w/NYC wx. (MTL-CA)  
WA, Seattle noted testing 0422 9/22 MM w/many tones, sounded like Pop. Back on RS by 0516. (bp-WA)

930 KHJ CA, Los Angeles 9/6 0228 fair w/wx, ID, & mx. (JFJ-OR)  
 CJCA AB, Edmonton 9/8 0705 fair w/end of nx, ID & country mx. (JFJ)

940 KPRE CA, Fresno 9/6 0238 fair w/mx, 0241 ID "on K-Free" and mx. (JFJ)  
 CIBL BC, Richmond ID for first time 9/6 1830; seems to be fairly readable every time I've checked since during afternoons w/KJR nulled as sharp as possible. (RHM-WA)

950 KJR WA, Seattle 9/2 0234 fair to weak w/ID & mx. (JFJ-OR)

960 CPAC AE, Calgary 9/8 weak o/mud 0659-0700 ID & nx. (JFJ-OR)

970 KOOK MT, Billings 9/13 0117 popped through the KYTE? mess for 3 min., w/ment. of "Kay-double Oh-Kay." (MTL-CA)

980 CKNW BC, New Westminster 9/8 weak 0556-0606 3 Dog Night song, ID, nx, "The Shadow" at 0605. (JFJ-OR)  
 CKRM SK, Regina 9/15 0337 swamping normally dominant KPFB. No sign of CKNW. First time hrd in years. (RtH-CA)

- 990 KSVF NM, Artesia 9/13 0010 out of the jumble w/fair sig, YL anncr. NM high school football results, local spot, TC, ID's, more football scores. Strong QRM. New, NM #8. (JH-NV)
- 1010 KIQI CA, San Francisco (Ch to Hayward) 9/8 0900 switched from pop format to SS. (KE-CA)  
 +9/13 0206 w/OC. Is this legal? They have only a 10kw xmtr, and licensed for 5kw nite, but still, can they ET before midnight local time? (I think stns can now ET w/night facilities during any night hours, but must still wait till midnight to test w/day facilities.--NH) 9/15, 0448 turned on carrier, immediately, band filled w/KGC-810/KPAX-1100 spurs. (Rth-CA)
- 1020 \*KECQ\* NM, Roswell 9/11 0546 OC w/occasional bursts of country mx. ID at 0549. (JFJ-OR)  
 KDKA PA, Pittsburgh 9/15 0319 100% readable u/KTNQ talk show. Best signal in ages. (Rth-CA)
- 1030 WEZ MA, Boston 9/15 0304 likewise--armchair reception. A real battle w/XEQR. Like the good ole days. (Rth-CA)
- 1050 KTBA AZ, Tuba City noted most every morning I've tried for them since 7/23. local wx, nx, & EZI type mx. (JH-UT)  
 +9/15 2107 regional wx followed by "Our Daily Bread" relig. program, s/off 2120. Signal fair to good. Owned by Navajo Bible School & Mission in Window Rock. (Rth-CO)
- CKAL BC, Vernon 9/5 0430-0431 strong w/PSA for Cancer Society, ID, and country mx. (JFJ-OR)
- 1060 KLMO CO, Longmont-Boulder 9/19 0830 w/ID, TC. Faded in w/xlnt sig, then mixed w/KRSP/XED. (JH-NV)
- 1080 KRFK UT, Price first noted 9/1 w/pop mx (current & older). Sounds automated. Fair to good signals here. (JH-UT)  
 +9/14 2123 good o/KRLD w/pop mx, s/off 2130. Studio is at 163 E. 1st North. (RFK-CO)
- 1110 CHQT AB, Edmonton 9/4 fair 0829-0830 w/mx, talk, ID, CBS (U.S.) nx intro. (JFJ-OR)
- 1120 KMOX MO, St. Louis 9/5 0233 + 9/7 0015 moderate strong sig w/freq. spots, TCs, IDs, wx, sports nx. Occas. fading, KPAB QRM. First time hrd well enuf for report. (JH-NV)
- 1140 CKXL AE, Calgary 9/8 fair w/flutter fading 0744 ID & mx. (JFJ-OR)
- 1150 KEAI CA, Morro Bay 9/12 0256 finally hrd on night pattern. Local nx, gone to usual KPRZ/XED. Must null this way to protect KPLS/KAGO/KAYO. (RW-CA)
- KAYO WA, Seattle 9/8 fair 0758-0800 end of talk show, "The switch is on to newstalk Radio 1150, KAYO, Seattle." & NBC nx. (JFJ-OR)
- 1170 KLOK CA, San Jose 9/5 0303 weak w/fading. Mx, "The music -- --?, K-L-O-K" and mx. (JFJ-CA)
- KPUG WA, Bellingham 9/11 0624-0626 mx, ID, promo for AT-40. (JFJ-OR)
- 1180 KOFI MT, Kalispell 9/5 0259 Larry King Show. Fair, splash from KEX-1190 w/same show. ID, Mutual nx. (JFJ-OR)
- 1200 WOAI TX, San Antonio 9/8 2215 w/ID as "WOAI 12-hundred-Dallas Cowboy football." Xlnt sig, w/Dallas/Wash. football game. (JH-NV)
- 1220 \*KCCS\* OR, Salem MA 9/1 0353 ET w/instrumental mx, then ID "This is KCCS radio in Salem." Excellent signal. (EJ-CA)  
 CKDA BC, Victoria 9/8 strong 0807-0808 furniture ad, wx, ID & mx.
- 1230 \*KEXO\* CO, Grand Junction 9/15 0215-0220 f/c w/sickly TT, (JFJ-OR)  
 then resumed RS. (RFK-CO)  
 KLAV NV, Las Vegas MM 9/1 0335 on top of freq. w/top 40 mx. Female jock. (BJ-CA)
- KHSN OR, Coos Bay 9/13 0308 poor o/KYJC/KRDG/KRDR, w/local wx, ID.
- 1240 KSMA CA, Santa Maria 9/12 0307 on w/delayed Rams broadcast. (RW-CA)  
 ?KWIK? ID, Pocatello 9/11 0832 w/nx of city lawsuit against Pocatello businesses, Idaho PUC meeting in Pocatello. Good sig, w/fading.
- KELK NV, Elko 9/12 0227 on top w/promo for local high school football game to be broadcast, then faded into mess. (JH-NV)
- ?KEVA? WY, Evanston 9/11 0821 sounded like "cable" country ("keva"), spot for J.C. Penney in Evanston. Fading in/out w/good signal. (JH-NV)
- 1250 KBBI AK, Homer MM 9/22 0358 good-poor in CKOM null w/show tunes & ID. Also good 0344 w/marine wx, then sound track from "Born Free."  
 KDHI CA, Twentynine Palms 9/14 2127-2145 BFL mx format (bp-WA) w/Mutual nx at 2130. S/off 2145, only mentioned freq./call and location (no studio address, etc). Slogan was like "K-tie." Very good to excellent. (EC-CA)

1250 WREN KE, Topeka 9/15 0300 loud w/YL giving nx in KTMS null. Not new; not hrd in o/3 years. Excellent EC cx. (Rth-CA)  
 CKOM SK, Saskatoon 9/13 0357 booming in w/Neil Diamond mx, ID, rr mx, TC "2 o'clock in the morning." New. (JH-NV)

1260 (KYA) CA, San Francisco 9/13 0258 off w/OC. Now AN KVSF in good & alone. KYA back on at 0310. (RW-CA)  
 CFRN AB, Edmonton 9/8 fair 0724-0727 w/mx, wx, ID. (JFJ-OR)  
 1270 KIML WY, Gillette noted AN w/C&W mx 9/14 Sk, good signal. (RfK-CC)  
 1280 KJOY CA, Stockton 9/15 (all morning). Were they on w/reduced power? Usually a gangbuster, KIT was killing 'em. (Rth-CA)  
 KIT WA, Yakima 9/8 fair 0845-0846 w/ID & local ads. (JFJ-OR)  
 1290 KHSL CA, Chico 9/8 fair o/KUMA. S/on w/SSE at 0833. (JFJ-OR)  
 KUMA OR, Pendleton 9/8 0829-0831 fair w/flutter/fading. ID, ad, sports. (JFJ-OR)  
 KOJB WY, Laramie 9/8 2121 weak to fair w/some fading, strong KHSL QRM. ID, PSA's, sports. New, WY #7. (JH-NV)

1300 KMPS WA, Seattle 9/8 strong 0834-0836 "Country Report" show, ID, & mx. (JFJ-OR)  
 \*KMPS\* Noted TT'ing SM 9/21 0818. Maybe they have a SM SP now? (bp-WA)

1310 KLiX ID, Twin Falls 9/8 fair 0854-0856 w/mx, ID & ad for Kelley's Orchard. (JFJ-OR)  
 KARY WA, Prosser 9/12 0901 weak w/s/on in KDIA null. (RW-CA)  
 1320 KCPZ UT, Salt Lake City 9/16 2342 top 40 mx w/ID. Fair to good. (EC)  
 1340 KACH/KQIL ID/CO, Preston/Grand Junction now yield to weak KACH & KQIL w/KMTI gone. (WJH-UT)

1350 KGR0 CA, Santa Rosa 9/8 0906-0907 fair o/mud w/wx, ID & mx. Faded out.  
 1370 KEEN CA, San Jose 9/5 0310 weak o/mud w/ID, talk, & mx. (JFJ) (JFJ)  
 1380 KOTA SD, Rapid City s/on SSE 9/15 0658 atop channel. (bp-WA)  
 KRKO WA, Everett 9/4 weak 0812 w/ID & mx. (JFJ-OR)  
 1390 KKOA ND, Minot s/on 0650 9/15 o/unID rr. (bp-WA)  
 KELQ UT, Logan 9/14 1800 ex-KBLW. ID as "Cache (pron. "cash") Valley's Q, KBLQ, Logan." (JH-NV)

1400 (KRE) CA, Berkeley 9/15 off (presumably because KFRC-610 was ET'ing, share tower). (Rth-CA)  
 KDRG MT, Deer Lodge 9/11 weak o/mud 0823-0824 w/"20-20 nx", wx and ID. (JFJ-OR)  
 KVEG NV, Henderson-(Las Vegas) 9/15 0321-0350 nearly solid like a semi-local, 2nd skip zone. Traded honors w/KSLY, 1st skip zone. New for call change (ex-KBWI). Per verie, will move to 1410 kHz early 1981, 5kw DA-2, 6 towers, from North Las Vegas. (Rth-CA)  
 KFTN UT, Provo 9/8 0013 xlt sig. TC, ID as "KFTN, your Nashville connection," and 9/9 2030 w/"The All-new KFTN." C&W mx. At 2105 "Family Night" program w/Gunsmoke, Lone Ranger, Pibber McGee & Molly, Dagnet. New. (JH-NV)

KEDC WA, Longview 9/8 0945 end of AEC nx, ID, and "Local Stock Report." Very weak, lost into mud. (JFJ-OR)  
 CINL//CJNL-1 EC, Princeton/Clearwater 9/11 weak 0820-0821 mx & ID "It's 21 after 5 from NL." Lost to mud. (JFJ-OR)

1420 KSTN CA, Stockton 9/15 all morning. As w/KJOY-1280, sounded like greatly reduced power, normally a gangbuster. (Rth-CA)  
 KULY KE, Ulysses 9/17 0820 good sig w/spot for rust-resistant wheat variety, Mid-America Ag. Network nx, promo(?) for U.S. Senate candidate from Kansas. (JH-NV)

KUJ WA, Walla Walla 9/10 strong 0909-0910 w/local ad, wx, ID. (JFJ)  
 1430 KLC UT, Ogden 9/11 0430 fair o/mud w/ID & "Midwest Calendar." (JFJ)  
 1450 KURA UT, Moab finally after 6 yrs., my last UT stn. Hrd a local ad & ID while driving in Provo Canyon, but "The Key" KEYY pushed them out as I drove down the canyon 9/2 1711. (WJH-UT)

1460 KDON CA, Salinas 9/11 fair 0850 w/wx, ID, & mx (country). (JFJ-OR)  
 KKWX WA, Yakima 9/11 0435-0436 mx, ID & PSA. Weak/fading. (JFJ-OR)  
 1470 KWSL IA, Sioux Falls MW 9/8 0728 inst. mx, CDT TC, "KWSL wx 520," into some kind of commentary or talk show (I think) 0733. Fair to nil in CJVE (?) OC. (AJR-EC)  
 ?(CJVE)? EC, Vancouver MW 9/8 0725+ my wobbly OC keeps turning up here during CJVE's SP (now 0330-0800 daily, hooraw!). They say it isn't theirs, but see WDXF. (AJR-EC)

1490 ?KBLF? CA, Red Bluff 9/17 0245 w/ID for // FM as "KSNR-96 in stereo" (95.9, Red Bluff, CA). (JH-NV)  
 KJQN UT, Ogden 9/9 2000 promo for Weber St. (Univ.) Wildcats football and Basketball "...on the air live...here on the Wildcat Station, 15-KJQ." (JH-NV)  
 KUGR WY, Green River 9/17 0045 ID as "14-90, your station K?GR," Ai nx. C&W. Later hrd full ID. Fair signal. New. (JH-NV)

- 1500 KXFA CA, San Jose 9/11 weak w/fading in CKAY semi-null, 0843 ID & sports. (JFJ-OR)  
 \*KXFA\* 9/15 0311 noted w/ET. CE called "time lady" on phone & she gave TC's each 10 sec. o/air! (RW-CA)  
 CKAY EC, Duncan 9/11 weak w/fading 0840 promo for Buddy Holly Story, ID "On CKAY, Your entertainment stn in the ? Valley." (JFJ-OR)  
 1520 KOMA OK, Oklahoma City 9/11 0445 ID & mx. KYXI off. (JFJ-OR)  
 +Another longtime rocker bites the dust. KOMA has gone C&W!!! Format change first noticed morning of 9/13. What a revolting development! (RHK-CO)  
 \*KYXI\* OR, Oregon City 9/11 noted off at 0445 & w/OC at 0520. (JFJ-OR)  
 1530 KWOK OK, Wagoner s/on 0600 9/15. If listed PSA/111 watts is verified, would be best Oklahoma verie. (RHK-WA)  
 1540 KASA AZ, Phoenix 9/6 2130 s/off. 10kw, address, etc. Very good to excellent, o/local KZLA. (EC-CA)  
 KZLA CA, Los Angeles suddenly switched to C&W format 9/14 at 2100, presumably to get the jump on KRJ. KZLA was formerly soft rock.  
 1550 KUAT AZ, Tucson 9/14 ID then into folk mx program. Signal (EC-CA) fair but fading. (EC-CA)  
 1540 KTIA TX, Fort Worth (ex-KRXV) 9/15 2300 bilingual ID in EE & SS, plus a Radio Quince Mexicana slogan ID, SS format w/typical Mexican mx. Fair in KXEL null. (RHK-CO)  
 1570 KCVR CA, Lodi 9/14 0900 w/EE s/on, ment. PSA power of 125 watts, reg. daytime 5,000 watts, w/promo for support of House H.R. 1850 to permit later broadcasting, since their sundown s/off is due to FCC regulations. Signal booming in! (JH-NV)  
 KVRA SD, Vermillion 9/14 0745 good sig. o/u the jumble w/local spot, ID, ad, 0701 TC. New. (JH-NV)  
 KZOL TX, Farwell 9/14 0832-0835 very good sig. w/North Texas nx, wx forecast, ID "At Christian radio KZOL..." pop relig. mx. New. (JH)  
 ?CKLQ? ME, Brandon 9/14 0805 hrd only wx for western Manitoba. QSE w/fair signal. (JH-NV)  
 1580 KNIX AZ, Tempe-Phoenix 9/15 0511 like a local w/C&W, strongest ever.  
 KDAY CA, Santa Monica 9/11 0511-0513 ID & mx. Weak w/fading. (Rth-CA) (JFJ-OR)  
 1590 (KLIV) CA, San Jose 9/9 0538 totally off on very rare st. (RW-CA)  
 KLIV 9/11 0513-0515 promo for KLIV T-Shirt Slogan Contest, PSA & mx.  
 KEND TX, Lubbock very weak in KBBQ/KZOK null w/C&W, ID as (JFJ-OR)  
 "Super Country, KEND." (RW-CA) (Date & time??-NH)  
 KMTI UT, Manti freq. change first noted 7/8. ex-1340. Pop mx, Ac nx. Good signal in Provo. (WJH-UT)  
 +9/13 0200 s/off difficult thru KEND & KZOK. (RHK-CO)  
 KZOK WA, Seattle 9/9 0549 weak o/u KBBQ w/promo; heavy KDAY-1580 slop.  
 1600 KLAQ CO, Lakewood 9/9 0540 poor to fair in KASH/KWOW null (RW-CA) w/C&W, "1600 Country-Lovin'" slogan. (RW-CA)

**DX TESTS:**

- 1230 \*KLRR\* CO, Leadville 9/13 0232-0255 very weak in mess. Faded out for 20 min. Code ID & TT 0253 finally readable. Only thing readable.  
 ?KLRR? Noted on DX Special 9/13 at 0233 (tone 1st noted) to (RW) 0257; tone to 0240 or so, then s/off/faded. After this, three different periods of tone noted w/CW ID after each period of tone. No voice IDs noted. Freq was covered w/QRM from Angels EB game, a rr, & C&W stns (3 + KLRR). KLRR was weak, but fairly steady. (Rth-CA)  
 (KLRR) DX test tried for but not hrd. (bp-WA)

**UNIDs:**

- 710 9/15 0323 2 unIDs mixing, w/long deep fades. Best ex to OH/KY/CA ever. One stn w/uptempo MOR ala WNBC; other w/various public affairs shows incl. talk on inflation; both faded out at same time; poss. ment of MI. One seemed to be WOR, could other be WDSM Superior, WI?? (RW-CA)  
 850 9/12 0240 in KOA null w/some type of chanting in language like JJ or similar. Is this KTAC or CFVR? Or Colombian? (RW-CA)  
 1230 9/12 0242 w/delayed Rams broadcast. (RW-CA)  
 1240 Was KROY Sacramento, CA on MM 9/15? Usually NSP, but KSON San Diego was virtually alone all morning. (Rth-CA)  
 1240 9/12 unID on top w/AT-40 show 0231. (RW-CA)  
 1450 9/13 2326 unID SS w/KEST looping N/S. KVEN or KOWN? (RW-CA)  
 1560 9/15 0300-0500+ ET'er w/C&W, not as strong as KPMC normally is, but then the other Valley stns were weak. No IDs when I checked from time to time. (Rth-CA)

Welcome to WDXR all new reporters! Hope you'll all report often. ♡

# Composite Caribbean Groundwave Analysis

by Richard Clark & Sam Brainerd, edited by Mark Connelly

This study consists of daytime loggings made by Richard Clark in Puerto Plata, Dominican Republic (late 1979/early 1980) and by Sam Brainerd in St. Lucia (1977). Station call letters are given when known. If letters were not given by the reporter, a word name is given instead. The reader should consult the World Radio-TV Handbook and recent IDXD/DXWV reports for station slogans, power, etc. Richard used a JRC NRD505, a Lafayette HA600A, and a Panasonic RP2200 with a loop and a 30-m. longwire. Sam used a large Grundig high-fidelity table radio. I have devised a signal strength rating system as follows:

Rating	Clark's description	Brainerd's description
A	"local, strong"	4
B	"good"	2 1/2, 3, 3 1/2
C	"fair"	1 1/2, 2
D	"poor, weak"	1

Rating L:  
station listed,  
strength not given.

Country ("QTH") abbreviations have been adopted: these are listed at the end of this article.

FREQ	STATION	QTH	SIGNAL		FREQ	STATION	QTH	SIGNAL	
			DR	St. LUCIA				DR	St. LUCIA
540	HIBM	DR	A	-	740	WIAC	PR	B	-
"	WGTO	USA-FL	D	-	"	4VIE	HAITI	B	-
545	R. Jumbo	DOM (NOW OFF)	B	-	"	CMJL	CUBA	C	-
550	WPAB	PR	B	-	"	R. Antilles	MONTS	-	B
"	unID SS	?	D	-	750	HIDB	DR	A	-
555	ZIZ	STKIT	C	L	"	R.1/J.B.C.	JAM	C	-
560	HIAA	DR	A	-	"	YVKS	VENZ	D	L
"	WQAM	USA-FL	L	-	760	HIFI	DR	B	-
570	HIMS	DR	B	-	"	WORA	PR	C	-
"	CMHI	CUBA	C	-	"	YVQO	VENZ	-	L
"	YVLX	VENZ	-	C	"	unID SS	?	-	D
580	WKAQ	PR	B	L	770	HIMD	DR	A	-
"	CMKF	CUBA	B	-	780	ZBVI	BVI	B	L
590	HIDV	DR	B	-	"	HIBO	DR	D	-
"	CMKV	CUBA	B	-	"	CMJN	CUBA	C	-
595	R. Dominica	DOM	C	B	790	HIL	DR	B	-
600	WAEI	PR	C	-	"	WNWS	USA-FL	D	-
610	R. National	TRIN	-	L	810	WKVM	PR	B	C
"	WIOD	USA-FL	C	-	820	HIAZ	DR	A	-
"	unID	?	D	-	"	CMKQ	CUBA	B	-
620	CMKI	CUBA	B	-	830	HILB	DR	B	-
"	HISD	DR	D	-	"	unID SS (YVLT?)	?	-	D
"	Antigua	BC ANTIG	-	C	840	HIAB	DR	A	-
630	HIAF	DR	C	-	"	4VEF	HAITI	A	-
"	WQBS	PR	C	-	"	R. Caribbean	STLU	-	A
"	CMHQ	CUBA	C	-	"	WKEW	PR	-	L
"	unID SS (YVKA?)	?	-	B	850	HILR (Santiago)	DR	A	-
640	YVQO	VENZ	D	L	"	WABA	PR	B	-
"	F.R. 3	GUAD	-	L	"	PJC2	NA	D	-
650	HIAT	DR	A	-	860	HILR (S. D.)	DR	B	L
"	unID	?	D	-	"	WHOA	PR	D	C
660	HIAM	DR	A	-	880	HIOR	DR	A	-
"	4VI	HAITI	B	-	885	ZJB	MONTS	-	B
"	unID	?	D	-	890	HIPJ	DR	C	-
"	R. St. Lucia	STLU	-	A	895	4VVB	HAITI	C	-
670	CMKP	CUBA	B	-	900	HIBN	DR	A	-
"	HILD	DR	B	-	"	R. Barbados	BARB	-	B
"	YVLL	VENZ	D	-	910	HIDE	DR	C	-
680	HIJK	DR	B	-	"	WPRP	PR	D	C
"	WAPA	PR	B	-	920	HIBA	DR	B	-
"	YVOR	VENZ	-	L	"	YVQX	VENZ	-	B
690	HIAW	DR	B	-	930	HICK	DR	A	-
700a	HIDC	DR	A	-	"	WEKO	PR	D	-
700	YVMH	VENZ	D	-	"	R. Antilles	MONTS	C	A
705	R. St. Vincent	STVIN	-	B	940	WIPR	PR	C	-
710	WKJB	PR	B	-	"	WINZ	USA-FL	C	-
"	WGBS	USA-FL	C	-	"	YFNW	VENZ	D	-
720	HIAQ	DR	A	-	950	HIG	DR	B	-
"	4VIA	HAITI	C	-	"	YVKG	VENZ	-	L
"	YVOE	VENZ	-	B	960	HIFP	DR	A	-
730	HIZ	DR	B	-	"	PJA6	NA	C	C
"	CMKJ	CUBA	C	-	970	WSTX	USVI	C	B
"	R. Trinidad	TRIN	-	B					

FREQ	STATION	QTH	SIGNAL		FREQ	STATION	QTH	SIGNAL	
			DR	ST. LUCIA				DR	ST. LUCIA
980	CMKR	CUBA	B	-	1300	WTIL	PR	C	L
"	HIFA	DR	C	-	"	HIKQ	DR	D	B
990	HIGA	DR	A	-	1310	HIMH	DR	B	-
"	WPRA	PR	C	-	"	HISD	DR	D	-
1000	HIHG	DR	B	-	"	F.R. 3	MARTQ	-	A
"	WWVI	USVI	C	L	1315	HIAV	DR	C	-
"	YVNM	VENZ	-	C	1320	WUNO	PR	C	-
1010	HIJP	DR	B	-	"	HIHZ	DR	C	-
1020	YVRS	VENZ	-	B	1325	4VJCCD	HAITI	B	-
1030	HIDL	DR	A	-	1330	HIFA	DR	A	-
"	WOSO	PR	C	-	1340	HIBZ	DR	B	-
1040	HION	DR	C	-	"	WUNA	PR	C	-
1050	HICB	DR	A	-	"	unID ?	? ?	D	-
"	WCGB	PR	C	L	"	WSTA	USVI	-	L
"	CMKT	CUBA	D	-	1350	HIXZ	DR	C	-
1060	CMKB	CUBA	B	-	"	WEGA	PR	D	-
1070	HIBI	DR	B	-	1360	HISD	DR	C	-
1080	4VRD	HAITI	B	-	"	unID SS	? ?	D	-
"	HIMC	DR	D	-	1370	HIFA	DR	D	L
"	YVQJ	VENZ	-	L	"	WIVV	PR	D	A
1090	HIJM	DR	A	-	1380	HISC	DR	A	-
"	HIPS	DR	B	-	1390	WISA	PR	C	-
"	ZDK	ANTIG	D	L	1410	R.GriGri	DR	A	-
1110	HIJJ	DR	B	-	"	HIAE	DR	D	-
"	R.Angulo	CUBA	B	-	"	4VTS	HAITI	D	-
"	YVOT	VENZ	-	B	"	FJF1	NA	-	L
1120	HICN	DR	B	-	1415	HIOS	DR	B	-
1130	HIRL	DR	A	-	1420	HIFB	DR	C	-
"	YVRU	VENZ	D	C	"	CMDX	CUBA	D	-
1140	HIRA	DR	C	-	"	F.R. 3	GUAD	-	B
"	WQII	PR	C	-	1430	HIVG	DR	B	-
1145	4VVB	HAITI	C	-	"	WNEL	PR	D	L
1150	HIAS	DR	B	-	1440	HIPS	DR	B	-
"	YVMM	VENZ	D	-	"	HIAA	DR	B	-
"	HIBG	DR	A	-	"	HIAK	DR	D	-
1160	WBQN	PR	D	-	1450	HIAC	DR	B	-
1165	C.R.L.	ANTIG	-	C	"	R.Antilles	MONTS	-	B
1170	4VRS	HAITI	B	-	1455	4VEA	HAITI	D	-
"	WLEO	PR	-	D	1460	XNGT/VSI	T&C	A	-
1180	HIBE	DR	B	-	"	WFBA	PR	C	-
1190	HIAG	DR	A	-	"	HIAN	DR	D	-
1200	HIMR	DR	D	-	"	HIAR	DR	D	-
"	YVOZ	VENZ	-	C	1470	HIVP	DR	B	-
1210	HICJ	DR	C	-	"	R.Sur	DR	C	-
"	YVQZ	VENZ	-	C	1480	HIAH	DR	C	-
"	YVMN	VENZ	-	L	"	WMDD	PR	D	L
1220	HIN	DR	B	-	1490	HISD	DR	A	-
1230	HING	DR	B	-	"	WZBS	PR	-	D
"	4VBL	HAITI	C	-	1500	HIAP	DR	B	-
"	WNEK	PR	C	-	"	WMNT	PR	D	-
1240	HIAU	DR	A	-	1505	R.Anguilla	ANG	-	C
"	ZNS2	BAH	D	-	1510	HIBL	DR	B	-
"	WALO	PR	-	L	1520	WRAI	PR	D	-
1250	HIBC	DR	C	-	1530	HIJN	DR	A	-
"	YVPZ	VENZ	-	C	1540	ZNS1	BAH	B	-
1260	HIT	DR	C	-	"	HIFB	DR	D	-
"	L.V.de Cibao	DR	D	-	1550	HITS	DR	B	-
1265	R.Paradise	STKIT	-	L	1560	HIJC	DR	A	-
1270	HISD	DR	A	-	"	WRSJ	PR	C	-
"	CMJG	CUBA	D	-	1570	HIAJ	DR	D	-
1280	WCNN	PR	B	-	1590	HIDA	DR	A	-
"	4VAM	HAITI	C	-	"	WXRFP	PR	-	L
1290	HIVD	DR	C	-	1595	4VEC	HAITI	D	-
"	HIVM	DR	C	-	1600	HIEG	DR	C	-
"	WRRA	USVI	-	L	"	WLWZ	PR	C	-

QTH abbreviations: ANG = Anguilla, ANTIG = Antigua, BAH = Bahamas, BARB=Barbados, BVI = British Virgin Islands, DOM = Dominica, DR =Dominican Rep. GUAD=Guadeloupe, MARTQ=Martinique, MONTS=Montserrat, NA=Netherlands Antilles, JAM=Jamaica, PR=Puerto Rico, STKIT=St. Kitts, STLU=St. Lucia, STVIN=St. Vincent, T&C=Turks & Caicos, TRIN=Trinidad, USA-FL=Florida, USVI=U.S. Virgin Islands, VENZ=Venezuela (CUBA & HAITI are spelled out.)

Copies of the original reports may be obtained by sending SASE to: Mark Connelly - 30 William Road - Billerica, MA 01821



# DX Worldwide

## Trans-Atlantic DX Roundup (All Connelly unless noted)

- 539 LIBYA 0351 Sept 06, assumed here w/AA mx., poor in heavy CBT slop.
- 549 ALGERIA Oran 0359 Sept 07, poor w/YL AA vocal, badly slopped.
- 612 MOROCCO Sebbaa-Aioun 0022 Sept 07, fair w/AA mx.
- 648 ENGLAND Orfordness BBC 0457 Sept 06, loud w/documentary by OM.
- 666 PORTUGAL Lisboa 0547 Sept 07, good w/upbeat instr. mx.
- 684 t SPAIN 0549 Sept 07, orch. mx. poor in WRKO slop.
- 738 SPAIN Barcelona 0456 Sept 07, poor w/SS talk.
- 756 ROMANIA The megawatt Romanian here interferes heavily w/the German powerhouses on this freq., as I noted repeatedly from near Frankfurt late in August. A slight amount of nulling brings in Romanis w/a fairly clear signal. So, I am wondering if Western DXers may have had Romania at times last season & assumed it was Germany. My tape of 756 from March 20 from 0459-0517 could not be confirmed as GG by several GG speakers. A copy is available to anyone w/good filtering equipment. (G.Martin-Co.)
- 756 W.GERMANY Braunschweig 0400 Sept 06, fair w/YL in GG.
- 774 SPAIN synchros 0402 Sept 06, to fair peaks thru WABC slop, OM in SS.
- 782 PORTUGAL Porto-Miramar 0541 Sept 07, in w/plaintive ballad, then fast/excited PP talk at shallow audio level.
- 819 ANDORRA La Vieja 0504 Sept 06, good w/nx by OM in FF, o/low growl from other 819 carriers.
- 828 UNID likely Morocco, big OC at 0508 Sept 06.
- 837 t CANARY ISLDS 0533 Sept 07, numerous SS OM vocals at fair level.
- 855 SPAIN Murcia 0529 Sept 07, fair w/OM in SS.
- 891 ALGERIA Algiers 0410 Sept 06, possibly the superpowered AA stn. here. last season it made it thru during good openings, but now it's in every night, even during mediocre cx. Maybe it's the result of a power increase or maybe it's a different stn. Is among the top 5 TA's in reliability of reception. In w/monster signal w/OM AA vocal & violins, then YL in AA. Also outrageously loud w/AA chanting & talk 0519-22 Sept 07.
- 1044 MOROCCO Sebbaa-Aioun 0037 Sept 07, to good peaks w/light pop mx. in style of Brazil '66, but w/FF vocal; o/SAH & WHN slop.
- 1062 UNID 0437 Sept 06, US folk mx. Judy Collins song. soon lost to noise.
- 1143 UNID 0034 Sept 07, maybe USSR, cl. mx. talk, o/SAH, also 2350 Sept 06., badly slopped.
- 1196 UNID 0600-10 Sept 07, on old channel, non-stop piano mx.
- 1206 FRANCE Bordeaux 0429-30 Sept 06, good w/YL AA vocal, then OM& YL in FF.
- 1467 MONACO Monte Carlo 0334 Sept 07, running strong 03 before start of regular programming.
- 1521 UNID prob. Saudi Arabia: het on WIEG/WFOE noted as early as 2200 (an hour before sunset) on Sept 06, on car rx. in Hyannis. ½ hr. later, w/the sun still shining brightly, WKBW came blasting in, blowing away both 1521 & 1520 daytimers. I'd sure like to bag China here, but the combo. of the increased 1520 QRM & co-channel 1521 Czech & Saudi superpower stns. would seem to make reception much less common than in the old 1525 days.
- 1593 W.Germany Langenberg 0422 Sept 06, fair, but fading deeply & rapidly, Muzak noted.

PAN-AMERICAN DX ROUNDUP

575 COSTA RICA San José TIRN 0401 Sprt 07, xlnt. w/opera. (Connelly)  
834 BELIZE Belize City 0507 Sept 06, good w/nx. in EE, then in SS. ("")  
1030 COLOMBIA Cali HJER 0719 Aug 18, good w/R.Pacifico ID &  
Colom. ment. WBZ nulled, no XE&R. (Portzer-Wa.)  
1110 VENEZUELA Carupano YQGT 0349 Sept 07, solid w/WET nulled; many  
doorbell chimes & Rumbos ments. (Connelly)  
1150 UNID 1030 Aug. 24, SS w/R.Sensacion ID. in CKIQ null. (Portzer)  
1555 CAYMAN ISLDS R.Cayman 0317 Sept 07, good w/Caribbean-accented  
EE talk about Football Assoc. (Connelly)

TRANS-PACIFIC DX ROUNDUP

531 AUSTRALIA Kempsey 2KM 1005 Aug 03, noted vy weak w/world nx.  
mostly just a het except for occasional weak audio (Bev.boys)  
531 UNID 1250 Sept 10, het loops DU. (Sanserino-Ca.)  
550 HAWAII Wailuku 0923 Aug 03, KMVI w/rr mx, brief nx,wx @ ½ hr.  
(Bev. boys)  
+0623 Sept 01, w/JJ mx.,talk. good at times, then lost to KOAC.  
(Nyholm-Ca.)  
630 ALASKA Juneau KJNO 0605 Aug 18, atop w/instr. mx, ID, CBS nx.  
rere here. (Portzer-Wa.)  
648 AUSTRALIA Tamworth 2NU 0800 Aug 03, w/pips, audio poor & het  
noted.  
657 NEW ZEALAND Wellington 2YC 0636-0700 Sept 01, weak w/EZL conc-  
ert pgm. (Myholm-Ca.)  
+1131 Sprt 01, w/cl. piano mx. (Portzer-Wa.)  
657 UNID 1303 Sept 09, weak carrier. (Latteman-Wa.)  
666 JAPAN Osaka JOBK 1320 Sept 16, weak w/'Nippon Hoso' ID.  
(Tomer-Ca.)  
666 NEW CALEDONIA Noumea 1000 Aug 03, in FF, very weak. (Bev. boys)  
702 AUSTRALIA Sydney 2BL 0728 Aug 03, suspect the one here w/strong  
het w/occasional audio, unintelligible. (Bev.boys)  
711 FIJI Naulu Rewa 0757 Aug 03, noted w/ID, however mostly a het  
during the night, at times so strong as to bury KFIA-710.  
(Bev. Boys)  
738 AUSTRALIA Grafton 2NR 0819 Aug 03, w/rr mx & oldies. (Bev.boys)  
738 TAHITI Papeete 1003 Aug 03, good w/s-off in FF & NA. (Bev. boys)  
747 JAPAN Osaka JOIB 1211 Sept 01, good w/YL in JJ //774-828.  
(Portzer-Wa.)  
+1242 Sept 09, OM in JJ, steady signal w/brief fades for 20 min.  
(Latteman-Wa.)  
+1325 Aug 27, weak w/JJ talk. also 1500 Sept 15, good w/SS lessons.  
(Tomer-Ca.)  
756 NEW ZEALAND Auckland 1YA 0600 Aug 03, weak w/pips & ID, into  
light instr. mx. (Bev. boys)  
756 UNID 1248 Sept 09, fair-good carrier w/weak snatches of audio.  
(Latteman-Wa.)  
774 AUSTRALIA Melbourne 3LO 0658 Aug 03, prob. the one, pips at 0700.  
(Bev. boys)  
774 JAPAN JOUB Akita NHK-2, 1251 Sept 09, fair signal //747.  
(Latteman-Wa.)  
828 AUSTRALIA Sale 3GI 0755 Aug 03, vy poor, only thing heard was  
time check as 5 before 6 @ 0755. (Bev. blys)  
828 JAPAN Osaka JOBB 1300 Aug 22, quite strong w/OM JJ talk. 1300  
Three short beeps & one long. (Meehan-Ca.)  
\*1253 Sept 09, fair. steady signal //747,774. (Latteman-Wa.)  
\*1220 Sept 10, YL w/JOBB ID, poor, noise & flutter, in better  
@ 1320 w/ID. (Sanserino-Ca.)  
830 HAWAII Honolulu KIKI 1307 Sept 10, OM w/KIKI ID, & min. after  
3 TC. (Sanserino-Ca.)  
837 JAPAN Niigata JOQK 1340 Sept 16, fair w/JJ talk. (Tomer-Ca.)  
837 NEW ZEALAND Whangarei 1XY 0800 Aug 03, //882 w/Concert Pgm.  
(Bev. boys)  
846 KIRIBATI Tarawa 0839 Aug 03, w/group singing & 1006 w/local  
programming. mostly in & out. (Bev. boys)  
864 NEW ZEALAND Invercargill 4ZA 0900 Aug 03, w/pips & ID, weak.  
(Bev. boys)  
873 AUSTRALIA Sydney 0905 Aug 03, 2GB w/local nx. poor. (Bev. boys)  
873 JAPAN Kumamoto JOGB 1410 Sept 05, xlnt w/JJ talk. (Tomer-Ca.)  
+1255 Sept 07, fair w/JJ talk, usual melody & pips @ 1300.  
//747,774,828. (Portzer-Wa.)  
873 UNID 1232 Sept 10, weak het. (Sanserino-Ca.)

- 882 NEW ZEALAND Auckland 1YC 0659 Aug 03, w/Concert Pgm. ID & TC. one of the best signals of the night. (Bev.boys)
- 890 UNID 1505 Sept 15, vy weak w/AP radio nx. probably was ADAK, Alaska AFRTS. (Tomer-Ca.)
- 891 AUSTRALIA SAN 0902 Aug 03, poor, giving WLS a run. (Bev. boys)  
+ 1410 Sept 05, fair w/jazz. (Tomer-Ca.)
- 891 JAPAN Sendai JOHK 1340 Sept 16, good w/JJ talk //837.  
(Tomer-Ca.)
- 954 JAPAN Tokyo JOKR 1425 Aug 25, fair w/JJ talk. (Tomer-Ca.)
- 1008 NEW ZEALAND Paengavon 1ZD 0806 Aug 03, vy good w/sports scores & ment. of North Island, then into lite pops. (Bev. boys)  
+ good most of the night w/pop/rock. Aug 03. (Nyholm-Ca.)
- 1017 JAPAN FUKUOKA JOLB 1450 Sept 17, w/JJ talk // 828. (Tomer)
- 1017 TONGA Nuka'alofa A3Z 0630 Aug 03, & 0708, first w/native mx. & BBC world news @ 0708. (Bev. boys)
- 1026 AUSTRALIA Melbourne 3DB 0934 Aug 03, w/nx. poor. (Bev. boys)
- 1035 CHINA loc. unk. 1455 Sept 17, weak w/talk u/HLCP, chinese pip sequence @ 1500. (Tomer-Ca.)
- 1035 NEW ZEALAND Wellington 2ZB 0826 Aug 03, w/ad, poor. (Bev. boys)
- 1035 S.KOREA Pohang HLCP 1450 Sept 17, fair w/slow KK talk. (Tomer)
- 1044 CHINA Cahngzhou 1208 Sept 01, poor thru domestic splatter, w/usual JJ FS. (Portzer-Wa.)  
+1450 Sept 17, w/beautiful sounding CC mx. (Tomer-Ca.)
- 1053 UNID 1217 Sept 01, fair TP carrier, no audio. (Portzer-Wa.)
- 1080 ALASKA Anchorage KANC 1030 Sept 01, poor in KRPX null, w/ID & ment of 'Alaska Radio Nx.' (Portzer-Wa.)
- 1179 JAPAN Osaka JOOR 1454 Sept 16, weak u/slop w/JJ ads, jingle.  
(Tomer-Ca.)
- 1206 AUSTRALIA Grafton 0730 Sept 01, w/nx,wx, ads. & jingle ID.  
(Nyholm-Ca.)
- 1206 CHINA Yanji PBS 1051 Sept 01, //9900 until 1055 per WRTH, then resumed their own pgm. (Portzer-Wa.)
- 1206 UNID 1355 Sept 16, DU rocker briefly w/good signal. (Tomer)
- 1210 HAWAII Honolulu K200 0706 Aug 25, fair w/'K-Z-0-0, the Cherry Blossom Stn.' (Tomer-Ca.)
- 1224 S.KOREA Suweon HLSA 1000-1100 Aug 03, noted w/KK pgm.  
(Bev.boys)
- 1242 JAPAN Tokyo JOLF 1104 Sept 01, fair w/excited OM in JJ.  
(Portzer-Wa.)  
+1448 Sept 16, weak w/JJ talk. (Tomer-Ca.)
- 1287 JAPAN Sapporo JOHR 1315-35 Sept 07, good-nil w/cl. mx.  
short break @ 1328 for ancts. in JJ. (Portzer-Wa.)  
+1434 Sept 16, weak w/EE rr mx, JJ ancr. (Tomer-Ca.)
- 1314 UNID 1204 Sept 01, Asian mx, w/much domestic splat.(Portzer)
- 1323 FIJI Rakiraki 0710 Aug 03, vy poor. (Bev. boys)
- 1467 UNID 1146-48 Sept 01, w/bits of mx looping Asia, then wiped out by splatter. Several possibilities listed, including a 200 kw. Thai. (Portzer-Wa.)
- 1476 UNIDs 1245 Sept 01, w/mess of 2-3 hets & some audio. One probable is Sabah, all loop Asia. (Portzer-Wa.)
- 1512 UNID 1144 Sept 01, het & weak carrier loop Asia. (Portzer)
- 1566 S.KOREA (Bev.boys say HLDA, Harms says HLZA, B.P. says HLAZ) whatever: 1030 Aug 03, strong w/KK pgm. (Bev boys)  
+1105 Aug 15 w/relig. pgm in KK. ID at 1121 as A-shi-a-bang-song im-ni-da. Armchair copy. (Harms-Ut.)  
+ 1110 Sept 01, w/OM in JJ w/football fight-song type mx. strong by 1123 w/cl. piano mx. (Portzer\*)

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Now that the summer is over, and I have settled into my new (temporary) location, I can get back into the swing of things. Some of the items for DXWWII are kind of old, so I'll do some judicious editing.

#### TRANS-ATLANTIC

Afghanistan. Kabul is now on 648,657,945 and 1278 0125-1930 UT. Regional stations are Harat-630, 10 kw; Kandahar-864 10 kw; Mazar-i-Sharif-909 10 kw. (Arctic 8/1)

Albania. Shkoder is now on 1323. A new station is on 648 from Rogozhina, planned for 300 kw. Lushnje-1395 officially admits using 1000 kw. (Arctic 5/2,8/1)

Algeria. New station on 1355 calling itself "Itha'at al-Jumhuriyah al Arabiyyah as-Sahra wiiyyad ad-Dimuq ratiyyah" (National Radio of the Saharan Arab Democratic Republic) 1900-2355. (Arctic 4/3)

Andorra. The principality has decided to nationalize Radio Andorra and Radio Sud in 1981. (Arctic 8/1)

Belgium. The new 600 kw transmitter in Wolvertem was due to start in May. There is some uncertainty about the actual beginning of the Nederbel station. EBU says 621 is 300 kw. (Arctic 5/19,8/1)

Bophuthatswana. The 100 kw transmitter of R. Bophuthatswana at Ga-Rankuwa began on 5/26 on 1098; s/on 0300. Bophuthatswana Commercial Radio on 702 presently operates from 0400-2200, but will be 24 hours once officially in operation. (Arctic 7/4,8/15) "Channel 702 now on 24 hours with 100 kw in EE only. 1098 is on 0300-2000 in EE, Afrikaans, and Setswana. (Arctic 8/1)

Bulgaria. New station noted on 890. Station on 981 has moved to 1143. 963 is located at Dragoman just at Yugoslav border. (Arctic 5/2,7/4)

Cameroon. Radio Bafaussam, Station Provincial de la Radiodiffusion de l'Ouest uses 1448 with 20 kw until the Libyan station moves to 1449. (Arctic 5/2)

Chad. A Radio Moundou in southern Chad has been reported; no details given, but a 30 kw station planned from here on 738. (SCDX 4/29)

Clandestine. Voice of Palestine, Voice of the Palestine Revolution is on 1270, not on 1143; 0400-0600 and 1500-1800. This AA station believed to be in Lebanon. (SCDX 6/17)

Comoro Islands. National Service broadcasts on 1275. (SCDX 6/24)

Cyprus. BFBS is on 1089, not 1044. RMC Cyprus s/on 0400. 1089 uses 10 kw. (Arctic 7/4,8/1)

Czechoslovakia. Plzen 1 kw-558 will soon move to 1485. Brno-Komarov is waiting for reconstruction and 50 kw, in winter 1980-81. (Arctic 5/2)

Egypt. New stations: Saloum-936 10 kw; Abu Zaabal-1341 100 kw; Siwa-1341 10 kw; El Kharga-1368 10 kw; Luxor-1386 10 kw; El Minya-1476 10 kw. (Arctic 8/1)

Equatorial Guinea. The correct name of the island is now Isla Bioka. (Arctic 8/1)

France. Ajaccio-1494 40 kw has been taken out of service. (Arctic 8/1)

Gambia. Plans a second channel with more powerful transmitter to cover entire country. (Arctic 5/2)

Germany, East. Rostock-558 and Putbus-729 will start Radio DDR Ferienwelle. Began on 5/1. Helpterberg (5 or 10 kw) is also in this net on 558. (Arctic 5/2,5/30,8/1) RBI has dropped the 1359 outlet for the EE transmission at 1815. (SCDX 7/1)

Germany, West. Weimar, not Schwerin-999 relays Radio DDR (oops, should be East Germany, sorry. Ed). (Arctic 4/3) The 3rd program of SDR uses 711 0800-1600. Otherwise SDR1 is here. AFN's latest studio in Wurzburg began on 5/1 on 1143 with 300 watts. This station is relayed by AFN stations in Bad Kissingen, Schweinfurt and Wertheim on the same frequency. SWF has separate programs on 666 and 1017; 828 is parallel to 666. A new treaty has been signed governing NDR. After 1/1/83 Niedersachsen, Hamburg and Schleswig-Holstein will be able to license commercial stations. (Arctic 4/3,5/2,5/30,4/18,5/19,7/4,8/15)

Great Britain. Bournemouth Independent Radio-828 is located at Fern Barrow. Hereward Radio, Peterborough-1332. Cardiff Broadcasting-1359; Midland Community Radio, Coventry 1359. BBC Radio 2 Clevedon-909 will go 50 kw. Start Point will be added with 50 kw on 693; then Exeter and Plymouth will move to 909 and Torquay will close. Guernsey

will be on 909 with 500 watts and Torquay-1197 500 watts will be added. BBC Radio 4 Plymouth 855 and Torquay-1485 may exchange frequencies when Start Point Radio 2 comes into service. BBC Radio Stowe is now 1 kw on 1503. Cardiff Broadcasting-1359 went on the air 4/11. BBC Radio Deeside in NE Wales is temporary with 125 watts. BBC Radio Norfolk-855 will have 1 kw; BBC Radio Lincoln-1368 will have 500 watts. Mercia Sound-1359, Coventry began 5/23. Between 1973-76 IBA opened 19 ILR stations. It has been authorized to open another 25. BBC Radio 2 Start Point is now 50 kw on 693. Exeter on same frequency has been taken out of service. BBC Radio 4 Barnstaple 810 has been taken out of service. BBC Radio 1 Postwick has increased to 10 kw on 1053. BBC Radio 1 Londonderry-1089 has been taken out of service. (Arctic between 4/3 and 8/1)

Greece. Radiophonikos Stathmos Anatolikes Kretes is an official commercial station not listed in WRTH. Operates on 1614 0700-1500 and 1800-2200 local time with 1 kw. (SCDX 7/8) Located on Crete.

Iceland. Radio Hofn on the east coast operates 24 hours a day on 1400 with 10 watts by American military. (Arctic 4/18)

India. Dibrugarh-567 will increase from 100 to 300 kw. (Arctic 8/1)

International Waters. Rumors about new projects: Radio Mauritius International will go on "272 meters". Radio Delmare has a new ship currently anchored in Spain. Radio Benelux is a possibility. Radio Nordzee also mentioned. Radio Caroline's Dutch service will be back on 7/1 on 963 possibly with 10 kw. Radio Caroline hopes to be back on the air from a new ship with 120 kw in about three months. (Arctic 5/30, 7/4) Radio Mauritius International was expected to start tests on 1098 in April. Believed to have 30 kw, off the Belgian coast. Abie Nathan's Voice of Peace is back on 1540 after storm damages. (SCDX 5/20)

Iran. Rezaieh is still noted on 933 by EBU. 2nd program is broadcast on 1332 1130-1530. Unlisted stations are 702, 972 and 1278. Not in WRTH but confirmed are Shiraz-837 and Rezaieh-933. Evening service on 612/1080 is heard from 1730-2030. VIRI regional station in Ahwaz now heard on 1125 with own service 1130-1330. (Arctic 4/3 to 8/15) According to 2/15 Radio & Records, there is only one MW transmitter operating in the Teheran area, apparently the one on 580. (SWNS April)

Ireland. Annagary-963 has increased power to 10 kw. Dundalk-1197 has been taken out of service. (Arctic 8/1)

Italy. Radio Italia-1179 is a new 2 kw station in Rome. Radio Campo Rubiera, Campogalliano-1391 is a new local, with 500 watts on 1391. (Arctic 4/18, 5/19)

Jordan. Radio Jordan has expanded its EE service to 0500-2000 on 855 and FM. (SWNS August)

Kenya. Two new 100 kw transmitters are now under construction for 981 and 1044; will be on no later than July 1981; one for the National service, one for the General Service. (Arctic 4/3)

Lebanon. Free Lebanon Radio has moved to 1476, mostly in AA. Voice of Palestine heard on both 1143 and 1270 from 1600-1900. Voice of the Arab Revolution now on 1175, s/on 0500; s/off 1900. Voice of Free and Unified Lebanon heard on 1308 s/off 1830. (Arctic 5/19, 8/15) Voice of Hope now heard on 950, from 945 khz. (SWNS August) Voice of Hope, from Merj-Ayoun in south Lebanon, will add a 20 kw SW transmitter in September. Currently on 945 with listed 30 kw. (SCDX 7/22)

Libya. Gafsa Radio-730 "Huna Gafsa, Sawt al-Harakah ath-Thawriyyah li Tahrir Tunis" operated 0500-2300. "Voice of the Revolutionary Movement for the Liberation of Tunisia" last heard on 3/16. Libya has a strong transmitter on 630 covering Tunisia; ran on 600 and 624 for shorter periods. Gafsa Radio, ex 730 now reported on 1580. Libya has new station on 711 covering the move of Sfax. Three regionals are on 711: Ghadames, Jefren and Sebha, all with 50 kw. (SCDX 4/3, 5/2, 4/18, 8/1)

Madeira. Funchal-1331 is still here with 1 kw 0800-0100. (Arctic 4/18)

Hali. Bamako will receive a 100 kw MW transmitter from West Germany. (Arctic 8/1)

Malta. Radio Mediterranean transmits 1800-1855 to Europe and N. Africa on 1557 in AA, FF and EE; program previously attributed to external service of Libya. (SCDX 7/22)

Monaco. Radio Monte Carlo 1467 now uses 1000 kw even at night. (Arctic 8/1)

Morocco. SOFIRAD will set up a transmitting center in Nador in NE Morocco with SW and a 1200 kw LW on 173 khz. This will be similar to Radio 1 in Gabon. SOFIRAD is a French owned company. The station, "Radio Mediterranee Internationale" will be on the air before the end of the year. HQ will be Tangiers. (Arctic 5/19, 7/4, 8/15)

Mozambique. Maputo-738 is now 0255-2217. (Arctic 4/3)

Nepal. Preliminary work on the 100 kw MW stations in Kathmandu and Pokhara with Japanese assistance is under way. (Arctic 7/4)

Nigeria. Voice of Nigeria reported that FRGM would start broadcasting from the country's new capital, Abuja, in April 1982. (Arctic 7/4)

Norway. The two new 600 kw transmitters at Kvitsøy in Rogaland are proceeding apace. (Arctic 5/19)

Poland. There is an unlisted 1 kw station on 1485 in Łódź. A new transmitter //227 has been heard on 701. (Arctic 5/19, 4/18)

Portugal. Radio Renascença hopes to have a more powerful transmitter by the end of the year. Covilha 3.15 on 969. Faro-557 10 kw is now 3rd program (commercial). Guarda-557 10 kw is 1st program, ex 720. Faro-620 1 kw now 1st program. Miranda do Douro-629 1 kw 1st program; Delete Coimbra-693 from 3rd program; Castelo Branco 719 1 kw now 3rd program; Valença-926 delete from 3rd program; Lisboa-Canidelo 1578 with local program 0700-2100. RDP's Faro-3 transmitter on 557 was destroyed by arson. A new 1 kw transmitter is now being used. Valença do Minho-926 has been taken out of service. (Arctic 4/18, 5/2, 8/1)

Qatar. QBS-999 now 0300-2005. QBS-1233 now 1300-1705. (arctic 5/2)

Romania. Radio Timisoara has changed to 909, 1323 and 1593. (SCDX 4/1)

South Yemen. Aden now uses 1188 and 756. Projected are 774, 792 and 1215. (Arctic 7/1)

Spain. EAJ49 Radio Toledo has moved to 1080 ex 1584. (Arctic 8/1) ADDX has just published "Introduction to DXing Spanish radio stations" for 6 IRCs. Write Wilhelm Herbst, Cornelinumstr. 2, D-5000, Köln 41, Federal Republic of Germany.

Sri Lanka. Amparai-861 ex 852 10 kw; Puttalam-882 ex 891 400 kw. New regionals: Weeraketiya-594 s/off 1700; Welikada-1305 ex 975, 1 kw. (Arctic 5/19, 5/30) TWR "Visva Vani" has moved to 882 khz. (SCDX 6/24)

St. Pierre et Miquelon. FR3 is now 20 kw. (Arctic 5/2)

Sweden. The only MW station on is Horby-1179. (Arctic 5/2)

Switzerland. The new 300 kw transmitter for the Italian service is on 558. (Arctic 4/3)

Transkei. Capital Radio is now on 594 with 100 kw and on 603 with 500 kw. Apparently the antennas were misplaced and have been beaming in the wrong directions. (Arctic 7/4, 8/1) According to C.M. Stanbury II, Capital Radio is under the financial control of the Transkei government which in turn is a puppet of the South African government; hence he feels that this is not a private station at all. (SANS)

Tunisia. Sfax-Sidi Mansour is now on 711 with 200 kw. Libya also uses this channel. (Arctic 5/2)

Turkey. A new station is at Malatya, Eastern Anatolia, on 594 with 300 kw, 0200-2300. Apparently not on yet. AFRTS-1590 Adana is still on. AFRTS Karamursel-1590 is off. The Technical Schools Radio in Izmir-1590 is also closed. AFRTS-1570 Diyarbakir is closed. No transmitter yet in operation on 1467. (Arctic 5/2, 7/4)

United Arab Emirates. The French company SOFRA will build a station in the Daba'ah area at Sadiyat on 1314 with 3 x 750 kw and on 729 with another 750 kw. The station will cover the Gulf area, the Middle East, Pakistan, and NW India. (Arctic 4/3)

U.S.S.R. A new 3rd program transmitter is listed on 666. Ashkabad-675 now 0100-2400. 3rd program is now extended to 2100. Radio Moscow World Service announces 630 and 720 for listeners in Japan. Believed to be in Khabarovsk and Yuzhnosakhalinsk respectively. Radio Free Europe/Radio Liberation says Soviet jamming equipment now in use is worth \$250 million with operating costs of over \$100 million per year. Energy consumption is 1000 million kilowatt hours per year. 2500 jamming transmitters are in use; 650 skywave jammers, the rest groundwave, with 40-50 groundwave stations around Moscow alone. Jammers seem to be in Soviet Union, Poland, Bulgaria, and USSR, but not in Romania. The First Program is carried in the European USSR on synchronous networks on 549 and 612. In Western Siberia and the Far East, Mayak is carried on 576 as well. There is also a synchronous network on 200 khz. (Arctic 5/2, 4/18, 8/1, 8/15)

Vatican City. With the exception of a 30 minute program in Russian, all "midday" transmissions have been discontinued on 1260 and SW. (SCDX 4/29)

Yugoslavia. 1062 is not used by Svetozarevo; 1206 is not used by Subotica; 1440 is Svetozarevo with own programs; 1602 is Subotica with own programs. Radio Koper/Capodistria-549 put a new 300 kw transmitter into operation. Radio Skopje-810 with

1000 kw is on 24 hours. A new station, Tetovo Radio (frequency unknown) is now on. (Arctic 5/4,4/19, 8/1,8/15)

Zambia. A new regional station in Solwezi in the NW province will be completed by the end of the year. (Arctic 8/15)

Zimbabwe. ZBC has changed its IDs to "Radio One" and "Radio Two." (Arctic 8/1)

#### LATIN AMERICA

Argentina. LRA8-820, R. Nacional, Formosa now uses 50/5 kw. LRA15-1030, R. Nacional, San Miguel de Tucumán now uses 50/10 kw. LRA16-560 R. Nacional, La Quiaca now uses 8/2 kw. LRA15-1190 San Miguel de Tucumán ex 1030 uses 5 kw; s/on 0956. LR11-1390 R. Univ. Nacional de La Plata uses 10 kw. LRA11-790 Comodoro Rivadavia, LRA24-640 Rio Grande, and LRA10-910 Ushuaia now are 24 hours. LRA4-690 R. Nacional, Salta also is 24 hours, as is LRA1-870, R. Nacional, Buenos Aires. (Arctic 4/18,5/19, 8/1,8/15)

Belize. Radio Belize was recently heard on 827 in the U.S. (Arctic 5/30)

Bolivia. La Voz de Cobre has been granted a license to operate a station in Coro-caro. Radio Panamericana-580 has been authorized to change its name to La Voz del Cobre. CP192-920 R. Esperanza ex 1360 now on 1000-1400 and 2200-0300. CP40-1250 and CP61-1450 each 5 kw. CP3-1390 R. Nacional de Bolivia now uses 5 kw. (Arctic 4/18,5/19,8/1,8/15)

Brazil. ZYK277-640 R. Dif. Portoalegreense now uses 50/10 kw. ZYK691-1410 R. América plans to increase power to 50 kw. ZYH707-980 R. Nacional de Brasilia uses 600 kw at various times during the day, e.g., whenever there is soccer on 11780 and 15445. (Arctic 7/4,8/1,8/15)

Chile. CB106-1060 R. Minería now uses 100 kw. CB82-820 R. Manu-Kena, Isla de Pascua (Easter Island) uses 1 kw. (Arctic)

Colombia. HJNQ R. Almirante ex HJZN. HJFO-1390 La Voz de los Andes now uses 5 kw. Radio Sistema Federal now consists of HJNZ-1440 R. Popular, HJDN-1530 La Voz del Cine; HJXZ-1560 Emisora El Poblado (ex Nuevo Medellín) and HJTP-1590 La Voz de la Música (ex 1570). Grupo Radial Colombiana (CRC) is led by HJEL-620 R. Ciudad de Cali. Other stations are HJCO-1130 Em. Eldorado; HJTI-1130 R. Tonchalá; HJLM-1380 R. Rombos; HJNL-1450 R. Sintonía; HJHH-1450 R. Oriente, HJHX-1510, R. Panamericana (ex La Voz Panamericana); HJLT-1550 R. Color; and HJ.. R. Farallones — FM). HJOV-1180 R. Cultural Surcolombiana ex R. Surcolombiana. HJMC-1290 Em. de la Fundación Carvajal ex R. Libertador. HJHX-1510 R. Panamericana ex La Voz Panamericana. HJZU-1340 R. Nanino ex 1340. HJNQ-780 R. Almirante has been heard here, ex 1200 or a relay? HJDT-1180 R. Nutibara has been heard here ex 1170. (Arctic 4/18 to 8/15)

Cuba. Radio Habana Cuba reports that they broadcast in EE on 550, 600, 630, 640, 840, and 870 from 0500-1100. Artemisa-1120 is the site for the Radio Cadena Habana transmitter. A new 10 kw Japanese transmitter is being installed for Radio Ciudad de la Habana and Radio Metropolitana. (Arctic 5/19, 8/1)

Dominica. Dominica Broadcasting Corporation-595 is using only 1 kw due to hurricane damage. Radio Calypso is just the name of the night program on 1210 directed to Guadeloupe. Castries on 840 is directed to Martinique, sometimes // 1210. (Arctic 5/19, 8/1)

Dominican Republic. Radio Sur-1470 is now on from Barahona. HILR Radio Clarin never put their CP on the air. Dirección General de Correos y Telecomunicaciones has ordered all stations to ID on the hour and half-hour with station name and call letters. HISA-990 Radio Cibao, Santiago ex 980. La Voz de Cibao-1260 now on the air. Also heard on 1261, R. Cumbre is still the name of HIVR-1470. HIJN-1530 R. Accion, Santiago, now 24 hours. HIZ-730 now 10 kw. HICK-930 Ondas del Yaque, Santiago has 5 kw; plans 20 kw. (Arctic 5/30 to 8/1)

Ecuador. The bishop and diocese of Latacunga have recently purchased a 10 kw MW transmitter from Harris Corporation. (Communications News, via Bruce Portzer) Radio Huancavilca HCRH2-605 has been announcing they will move to 830 in the near future. HCRM5-1200 R. El Mercurio uses 5 kw. HCRN1-1240 R. Baha'i ex 1420 is a pilot project for possible other stations in Latin America from the Baha'i movement. (Arctic 7/4, 8/1)

El Salvador. A bomb destroyed the transmitter of YSAX-810 La Voz Panamericana on 2/18. Station is owned by the San Salvador archbishop, and has been the target of right-wing hostility because of its support of leftist groups and its criticism of Salvadorian conservative groups. YSKL-770 R. Universal, San Salvador is still on this frequency. YSMG-1090 R. Milnoventa, Amuchapán, ex La Voz del Espino uses slogan "La Consentida." (Arctic 5/19, 8/1)

Guatemala. Adventist World Radio is now on the air via TGMU-1330 and TGMUA-5980. Has SS 0130-0300, EE 0300-0500. Address: P.O. Box 51-C, Guatemala (Hauser, SPEED X, via Bruce Portzer). TGAU-830 R. Satelite, Mazatenango ex R. Mundo. TGM-1000 R. Nacional "La Voz de Guatemala" ex 1600; //640, 24 hours. TGMX-1210 R. Rumbos, Guatemala uses 5 kw, 24 hours. Delete TGAH-1000 R. Mil, Guatemala. (Arctic 5/30, 8/1)

Honduras. UNESCO has given the Secretariat of Culture and Tourism a station which will be able to be heard by population living on borders with El Salvador and Guatemala. (Arctic 5/19)

Mexico. XE..-920, Jesus Carrenza, Ver., 5 kw, new. XE..-1260, Loreto, BCS, 5 kw new. XEVAL-1360, Ciudad Valles, SLP, 5 kw new; XEMOM-1370 Monterrey, NL, 10 kw new. XE..-1540 Villa Hermosa, Tab., 5 kw new. XEUUV-1550, Jalapa, Ver. 10 kw new. XEGEM-1600 Toluca, 2 kw, new. (Arctic 5/19)

Nicaragua. Radio Deportes-680 might be forced to cease operation because of lack of funds. It would need more support in the form of ads or aid from the Sandinist Communications Network. (Arctic 5/30) YNGR-620 La Vox de Nicaragua, Managua ex YNM. (Arctic 5/19) Telecommunications magazine for April included an article on Voz Educativa Regional in Puerto Cabezas near the Caribbean coast. The station has been on the air since May 1979 with 2.5 kw into a vertical antenna made of water pipe. Frequency is apparently 1580. Station is on the air 9 hours a day with "3 hours off in the morning for programming and news-gathering." Programs are aired in EE, SS, and Miskito. Has been heard as far away as Lempira, Honduras (90 miles) and Bluefields, Nicaragua (140 miles). Article indicates that 30% of their potential audience have AM radios and 90% have access to radios. Programming is about 40% educational, 60% popular. (Portzer)

Netherlands Antilles. PJCR-1500 Radio Hoyer, Willemstad has a new transmitter of 3 kw, ex 1 kw. (Arctic 5/30)

Panama. HOF33-810 RPC Radio, Bocas del Toro ex 660, //610. HOL81-890, R. Guayml David ex 870 (SER); HO..-910, R. Urraca, Santiago de Veraguas (SER); HO..-910 R. Libertad, Bocas del Toro. HOL47-770 Servicio Nacional de Radiodifusion Razuero, Chitre is on 24 hours. HOK36-1000 R. Poderosa, Chocle, ex 1020. (Arctic 7/4, 8/1)

Paraguay. ZP40-617 R. Nasaindy now here ex 620. ZP41-680 R. Ypacarai new. ZP36 has stabilized on 995, with some varying from 985 to 1000 khz. Official frequency is 1000. (Arctic 5/30)

Peru. OBZ4L-560 R. Programas del Peru ex La Voz del Oriente. OAX4E-930 R. Moderna ex R. Central. OBX4J-985 Estacion X ex R. Impacto. OEX4O-1040 R. Onda Popular is having transmitter and financial troubles. OCY4D-1060 R. Exitos ex R. Mil Sesenta. OAX4F-1080 R. Nacional Mil Ochenta is off the air. OAX4H-1130 R. de Futura ex R. Selecta. OBX4E-1470 R. Frecuencia ex R. Inca del Perù. The president of the Inter-American Radio Association quotes the Peruvian president-elect as saying that all radio stations and other media would be returned to their former owners. OEX4I-1590 R. Huayllay has this as its MW outlet. (Arctic 4/18, 8/1)

Puerto Rico. WABA-850 Aguadilla will increase to 5 kw DA-1. CP granted on 1120 to Malillo with 1/.25 kw. WFAB-1460 Juncos granted .5/.5 kw. WQBS-630 San Juan IDs as "Salsa 63." WGLD-1510 Lajes 1/1 kw new. (Arctic 5/30 to 7/3)

Turks & Caicos Islands. VSI-1550 now on 4 hours a day until the new station on 1460 is finished. 1300-1500, 1900-2000, 0100-0200. 1460 will be the islands' 3rd MW station, from same site as VSI-1550. AFRTS-1460 will move to another frequency. (Arctic 4/18)

Uruguay. CW33-1200 La Nueva Radio ex R. Florida. CX120-1200 R. Reconquista ex 1580 CW158. CX34-1210 R. Artigas is definitely off the air. CW116-1160 R. Democracia ex 1570 CW157. C.146-1460 R. José Batlle y Ordóñez ex 1320 CX132. CX14-810 R. El Espectador now on 0800-0400. CX18-890 R. Sport ex R. Libertad Sport. (Arctic 5/30, 7/4, 8/15)

Venezuela. TVTB-800 R. Exitos ex 980. YV..-1560 R. Mar, Puerto la Cruz new with 5 kw. A Spanish news agency reported that R. Nacional was to close because of lack of funds. Monitoring in Europe shows no sign of the station on 1050, 630, or 6170. YVKH-1300 Estudio Trece ex R. Trece. (Arctic 5/30 to 7/4)

#### TRANS-PACIFIC.

Australia. New radio for the Print Handicapped in Melbourne is 3RPH, testing on 1705 khz 1000-1200 with 500 watts. Address: P.O. Box 123, Hampton, Victoria. (SCDX 7/15)

China. UADX newsletter describes DXing China by Bob Padula as a very professionally written and printed booklet. Available for \$2 U.S. or 6 IRCs from Australian DX Club, Box 227, Box Hill, Victoria 3128, Australia. (SCDX 4/1) Anhui People's Broadcasting station heard on 1395//936 2050-0530 and 0730-1500. Fujian PBS 1st program on 780//4975. Other frequencies: 558, 882, 1071, and SW. Jilin PBS on



738,1107, 1485, 1536(variable) and SW 2050-0530 and 0850-1505. (SCDX 4/22). Guangxi People's Station, Nanning, is on 792, 1071, and 1440 with 1st program; on 846, 1161, and 1224 with 2nd program. Xinjiang PBS announces 630, 675, 684, 702, 738, 999, for its Chinese service. Fujian PBS listed above. Hainan Island PBS in Hailou now scheduled on 954 and 1188 2100-0030 (not Sunday), 2100-0200 (Sunday), 0250-0600, 0900-1500. Fujian PBS lists 1st program on 558, 612 and 882. 2nd program on 1467. Yunnan PBS, Kunming has following schedule: on 576 and 990 from 0550-2400. On 1242 from 0555-0900, 1855-2400. On 1350 from 0625-1400, 0825-2235. Sichuan PBS, Chengtu uses 1116 for 1st program 2125-0800 and 0920-1500. 1089 khz for 2nd program from 2225-0530 0900-1300. (Arctic 5/2 to 8/1) Zhejiang PBS in Hangzhou operates daily from 2105-0515 and 0845-1455 on 531, 577, 810, 856, 963, 985, 1080, 1134, 1140, 1146, 1408, 1431, 1476, 1503, all with 1st program. 2nd program is on 1530 khz from 2110-0025 and 0250-1455. (NZDXT May)

Christmas Island. VLU2 is operated by the Australian Department of Home Affairs in EE, CC, and Malay. On 0600-2100 local time, and 0800-2100 Sundays. (NZDXT May)

Easter Island— see Chile.

Hong Kong. BPES has apparently dropped the use of its 1251 outlet. RTHK1 operates on 783. RTHK3 operates on 567. The commercial service operates on 864 (Chinese 1) 675 (Chinese 2) and 1044 (English.) (NZDXT July)

Laos. National Radio of Laos has been noted with domestic service on 640 (10 kw Vientiane); 740 with 10 kw; 765 and 930. External service on 1030 from Vientiane with 10 kw; and Regional service from Pakse on 1370 with 10 kw. Information on other regional stations unavailable. (Arctic 8/1)

Macao. 735 is the frequency for Emissora Vila Verde for 1st program in CC. CC program 2 is on 858. (Arctic 7/4) Government stations are on 900 and 1197. Commercial outlets on 735 and 858. (NZDXT July)

New Hebrides. Vanuati is correct spelling of the new state name. Because of the secession of Espiritu Santo and various other problems, the independence of the New Hebrides was postponed. (Arctic 8/1)

New Zealand. Radio Rhema 2XC-1503 Wellington is on the air relaying Christchurch 3XC-2XS Palmerston North will operate on 828 24 hours. 4XA Alexandra began on 531 with 2 kw. Most programs are relayed from 4XO Dunedin. Three other relays are in progress: 4XQ Queenstown-1359 1 kw (should be on by Sept. 1); 4XW Wanaka-1359 100 watts and 4XC Cromwell-1359 also 100 watts. A private commercial station has been approved for Invercargill on 1224. Radio New Zealand has been given a green light for a mini-station in Gore to have local programs and carry YC program, with 5 kw on 558. Te Anau will get a relay of 4ZA on 1548. Radio Rhema will change frequency to either 1404 or 1503. (NZDXT August)

Papua New Guinea. A new station has been testing on 1494 with 10 kw from Enga announcing in EE and Pidgin. (NZDXT August)

Vietnam. Two 1000kw MW transmitters on 680 and 1050 are being built with Soviet aid for VRTC's Project 273. Hanoi is heard with domestic service on 680 and 1050. External service on 1010. Ho Chi Minh City (Saigon) on 610, 820 and 870. Quang Nam Da Nang on 600. Nghia Binh on 745. (Arctic 8/1)

That's it for another month or so. Took a whole day to type this up. 73 de FJP.

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continued from pg. 19

|                 |                                                |
|-----------------|------------------------------------------------|
| Jack LATTEMANN  | 314 NE 56th St. Seattle, Wash. 98105           |
|                 | Mod. FRG-7, MW-1                               |
| Doug NYHOLM     | 2071 Cedar St. San Carlos, Cal. 94070          |
|                 | FRG-7000 w/mech. filter, 1240' unterm. bev.    |
| Ralph SANSERINO | 8422 Crane Circle, Huntington Bch., Cal. 92646 |
|                 | R-390A, ferrite bar loop                       |
| Randy TOMER     | 1969 27th St. Arcata, Cal. 95521               |
|                 | HQ-180A, barb-wire fence antenna.              |

VERIES:

1475 MALAYSIA Sandakan, v/q, EE pgm sked, & Malay stamps in 3 weeks for EE rpt & 3 IRC's, sent to Kuala Lumpur (Portzer)

# INDEX TO VOLUME 17

## DOMESTIC

- 2300 Radio Stations Must Shut Down at Sunset ... 16-19  
AM Stations in western Canada (Oldfield) ... 6-5  
AM Stereo Receivers Expected Within a Year ... 31-12  
Alaska Studies Time Zone Changes ... 31-23  
Almanac Progress Report (B. Hardy) ... 31-14 32-27 33-12 34-27  
Almanac Updater - Slogans (Hall-Patch) ... 18-11 6-7  
Almanac Updater ... 2-23 14-25  
Birth of CJXX (Elliot) ... 15-7  
Broadcasting Information ... 1-3 2-2 4-2 6-2 8-2 10-2 11-2 14-2 15-2  
18-15 19-2 21-2 26-3 29-4 31-2 32-2 33-2 34-2  
Bumper Sticker for Cats Joke Halted ... 21-5  
CFRD: The Voice of Richmond (Elliott) ... 5-17  
CJVB before and After Coverage ... 10-6  
CPC Report (Hardester) ... 29-6  
Court to Rule on FCC Radio Format Role ... 26-11  
DX Records ... 32-21  
DXing in the Midwest (Kaskey) ... 2-19  
Divvying Up the Airwaves ... 14-35  
Down Memory Lane ... 16-11  
East Coast Groundwave Analysis (Connelly) ... 23-14  
Eastern Spotlight: Mississippi (Clemmer) ... 10-12  
Eastern Spotlight: West Virginia (Clemmer) ... 21-16  
Extraterrestrial DX Circa 1924 (White) ... 34-23  
FCC Comments re 9 kHz Spacing ... 17-23  
FCC Looking into 9 kHz Plan (Shugart) ... 5-16  
FCC Proposes to Eliminate Controls on Radio ... 3-8  
FCC Votes for More Radio ... 15-23  
FCC Votes to End Clear Channels ... 32-13  
First Semester on the Air for KVCM ... 12-15  
Frequency Check List ... 20-12 33-19(updater)  
Graveyard DX Records ... 19-19(1230) 22-14(1240) 33-21(1340) 34-14(1400)  
KXL To Start Talk Show ... 29-46  
Kanadian Korner (Oldfield) ... 2-27 23-19  
Looking Back at Radio in 1930 (G. Martin) ... 22-22  
Los Angeles Radio Formats (Larson) ... 19-4  
Midday DX Records ... 14-24 22-20 30-8 32-19 34-25  
More on the 9 kHz Plan and WARC ... 15-5  
NBC Expands "The Source" (B. Hardy) ... 6-12  
New Life for AM Radio ... 17-10  
On Firing Harry Harrison ... 19-23  
Pirate Station Seeks Legitimacy ... 3-4  
Portland, Oregon Radio Formats (P. Martin) ... 22-38  
Pupils Get High on Bumper Stickers ... 31-14  
Radio Broadcast Panics Islanders ... 31-3  
Radio Station Gets Go Ahead ... 9-23  
Sears Radio Theatre Announcement (B. Hardy) ... 14-8  
Seattle-Tacoma Area Radio Formats (Portzer) ... 19-2  
Sharing Time (White) ... 15-13  
Some Comments on 9 KiloHertz Spacing ... 29-19  
Special Features (Shugart) ... 10-17 14-20  
Sports Network Updater (B. Hardy) ... 3-16 9-20 29-40 30-10 33-15 32-25  
Stereo AM Radio OK'ed ... 31-23  
Sun Powered Radio Station is On the Air ... 2-30  
The Hometown Touch of Local Radio ... 25-17  
The Infernal Tower ... 15-23  
The Mystique of the Three Letters Calls (White) ... 2-44  
Travellers Advisory Radio Receives Boost ... 7-6  
UCLA Carrier Current Station versus KDOR (Elliott) ... 8-15  
Utility Stations List Updater (Portzer) ... 24-6  
Verification Signers ... 2-29 9-18 19-18 28-22 33-15  
Vigil in the Swamp ... 15-22  
WARC Decision Announced (Shugart) ... 14-8  
WCCD Program Schedule ... 25-3  
WMAL Regains its Spot as Local Favorite ... 23-4  
WNYC May Discontinue Broadcasts of the John Hour ... 12-6  
WNYR Changes from 680 to 990 (Elliott) ... 30-7  
Western Spotlight: Colorado (Mittman) ... 18-16  
Western Spotlight: New Mexico (Mittman) ... 14-22  
Western Spotlight: Texas (Mittman) ... 25-19(Part I) 34-16(Part II)  
Yes, there really is a wKRP ... 22-2

## FOREIGN

A New Era of Transpacific DXing (Portzer) ... 10-20  
 A TA DXers Guide to SR/SS Times (Connelly) ... 23-20  
 Book Review: List of broadcast stns below 5950 (Hardester) ... 14-29  
 Book Review: 19th WRTA (Portzer) ... 21-8  
 Broadcasting in Bermuda (C. Taylor) ... 18-18  
 Countries List ... 29-43 30-20 (addendum)  
 DX Worldwide II ... 2-30 6-23 7-14 12-30 16-17 22-36 30-17  
 DXing Latin America & the Caribbean (Connelly et al) ... 14-30  
 DXing Latin America & the Caribbean: Comments (Foxworth) ... 19-21  
 DXing from Bermuda (C. Taylor) ... 15-11  
 DXing in Africa (C. Taylor) ... 17-18  
 DXing in Asia (P. Taylor) ... 21-17  
 Good Evening Comrades, Here is the News ... 25-9  
 Hearing Latins in the Northwest (Portzer) ... 15-18  
 How to Pronounce Chinese Letters ... 7-15  
 Mexican Station Changes ... 2-35 30-21  
 Miami Can Hear Radio Moscow Now ... 27-13  
 Millor Volt Blast Breaks radiors' Bid Switch-on ... 20-14  
 New Antenna at 4Vch ... 8-12  
 Palomar VHF Converter Review (Manning) ... 7-20  
 Radio Caroline Hits Rock Bottom (Millott) ... 29-5  
 Reflections (Seaver) ... 29-20  
 Report from New Zealand (Allchin) ... 22-30  
 Report from the Azores (Connelly) ... 22-42  
 That On-Air Capital Radio Launch ... 24-13  
 Transatlantic DXing (Rockner) ... 4-15  
 WRTA Discrepancies Explained ... 27-10  
 Zonal Analysis Approach to Pan American DXing (Connelly) ... 32-29  
 Zonal Analysis Approach to Transatlantic DX (Connelly) ... 22-32

## TECHNICAL

Serious Responses and How to Recognize Them ... 15-16  
 A Look at Hi Stereo (Cont) ... 29-37  
 Book Review: LF/MF Schembook (Thomas) ... 18-8  
 Book Review: Practical HF Communications Data (Hall Patch) ... 34-11  
 DXing with the DX Filters (Thomas & Harfield) ... 5-18  
 Geographic Indices ... 1-14 4-2 7-12 14-17 19-14 23-2 31-20  
 Home Computers and DXing (Connelly) ... 20-22  
 KES All-Band Active Antenna Review ... 33-20  
 RIGBY/MF Review: Part II (C. Taylor) ... 24-21  
 S-Meter for the Realistic TRF (Connelly) ... 32-33  
 Technical Column: DX150/160 Mods ... 3-14  
 Technical Column: DX300/ICFb7000/KF2600 Reviews ...  
 Technical Column: GE Superradio ... 22-17  
 Technical Column: Improvements to the FPG-7 ... 31-21  
 Technical Column: Kenwood E-1000 Review ... 32-4  
 Technical Column: Panasonic FR-2500, Loop-LW Combination ... 25-15  
 Technical Column: Phased Longwires ... 18-21  
 Technical Column: Synchronous Detectors ... 34-11  
 Television Interference (Portzer) ... 16-5  
 The HPR-505 Versus the HPR-515 ... 29-36

## MISCELLANEOUS

ANARC Almanac ... 2-28  
 An IPC: Logic Puzzle (P. Portzer) ... 5-17 9-4 (solution)  
 Contests (Evans) ... 7-22 8-22 13-22 32-14  
 Conventions Information (Flywheel) ... 29-2 33-10  
 Convention Report (Clemmer) ... 2-18  
 Index to Volume 16 ... 4-18  
 Membership Committee Report ... 26-14  
 Membership List ... 26-27  
 Membership Location Map ... 3-2  
 New Members ... 1-2 2-1 5-10 11-1 17-5 20-9 23-2 26-2 28-2 29-28 30-1  
 31-6 32-3 34-4  
 Northeast DX Information Service (Connelly) ... 22-16  
 President's Report ... 1-14 4-3 8-22 12-23 27-6  
 Radiobeacons Between 516 and 1750 kHz (Portzer) ... 15-17  
 Terrain Charts for Propagation Predictions (Connelly) ... 34-21  
 Writing Articles for DX Monitor ... 5-16

# THE DXER'S GUIDE TO CHINA

by Bruce Portzer

The People's Republic of China represents many things. The world's largest population. One of the world's oldest civilizations. A popular (albeit expensive) destination for tourists. The source of a popular dining cuisine. A choice target for many broadcast band DXers. And more.

China occupies an area about the size of Canada. It has very diverse geographical features. Southeastern China is much like the southeastern U.S. Southwestern China includes the Himalaya Mountains, the highest in the world. Central China is semiarid grassland, while northeastern China is similar to the prairie states and provinces of the U.S. and Canada. The vast bulk of China's population lives in eastern China in the Yellow, Yangtze, and Hsi River valleys.

The vast majority (94%) of China's population are Chinese. The rest include Mongolians, Koreans, Tibetans, Uighurs, and others. Although they represent only six percent of China's population, these minorities are politically important because they live near China's frontiers and have cultural ties with residents of neighboring countries.

Of the Chinese speaking citizens, about two thirds speak the language spoken in the Beijing area, known to us as Mandarin. The rest speak any of a dozen other Chinese languages, such as Cantonese and Amoy. The Chinese languages share the same written characters and grammar, but sound quite different from each other and are mutually unintelligible. Mandarin, also known as Standard Chinese, is the official language in China. You've probably heard it before. If not, listen to some of the shortwave frequencies listed elsewhere in this article or to Voice of America Chinese broadcasts listed in the World Radio TV Handbook.

Several methods have been developed for spelling out Chinese words in Roman letters (i.e. the kind we use). Most references more than a few years old use the Wade-Giles method. However, in recent years a more accurate method of transliteration has been adopted by the Chinese government. It is known as Pinyin. A pronunciation guide for Pinyin, with equivalent Wade-Giles lettering, appears in Table 1.

China is divided into three autonomous cities, 21 provinces, and five autonomous regions. Figure 1 shows the locations of these political subdivisions and lists some of the major cities in each province. Also shown (in parentheses) are the Wade-Giles equivalents of current spellings. If you want to know the locations of other cities, try to find a copy of Gazetteer of the People's Republic of China, published by the U.S. Department of Defense, Defense Mapping Agency, in July 1979. It includes Wade-Giles to Pinyin conversion and vice versa, in addition to listing the latitude and longitude of what seems to be nearly every city, town, and physical feature in China. I found a copy in the Seattle Public Library; maybe you can find one in your library.

Most or all of China is on GMT+8. Several references state that this time is used throughout China. However, the WRTH indicates Sichuan is on GMT+7 and Xizang (Tibet) is on GMT+6. Since most of us don't understand Chinese time checks, this discrepancy is probably academic.

In case anybody is interested, China's official holidays include January 1 (New Year's Day), May 1 (Labor Day), and October 1 and 2 (National Days).

## HISTORY AND STRUCTURE OF CHINESE BROADCASTING

The first radio station in China was built in 1928 in Nanking. It supposedly had a power of 500 kilowatts (which I find hard to believe) and was used mostly for newscasts. During the next decade, many other private and government stations came on the air. Some bit the dust during World War II. However, by the late 1940's there were over eighty stations in operation throughout China. After the Communists took over in 1949, these stations were reorganized into a single network known as the Central People's Broadcasting Station, with its headquarters at Peking.

Broadcasting in China has grown considerably during the past three decades. Today, there are several types of stations and program services in the People's Republic of China. They include the following.

- The Central People's Broadcasting Station. A national service originating in Beijing. Two different programs are fed throughout the country via medium wave and shortwave transmitters. There's probably some difference in the programming they offer, but to my ears the material sounds the same.

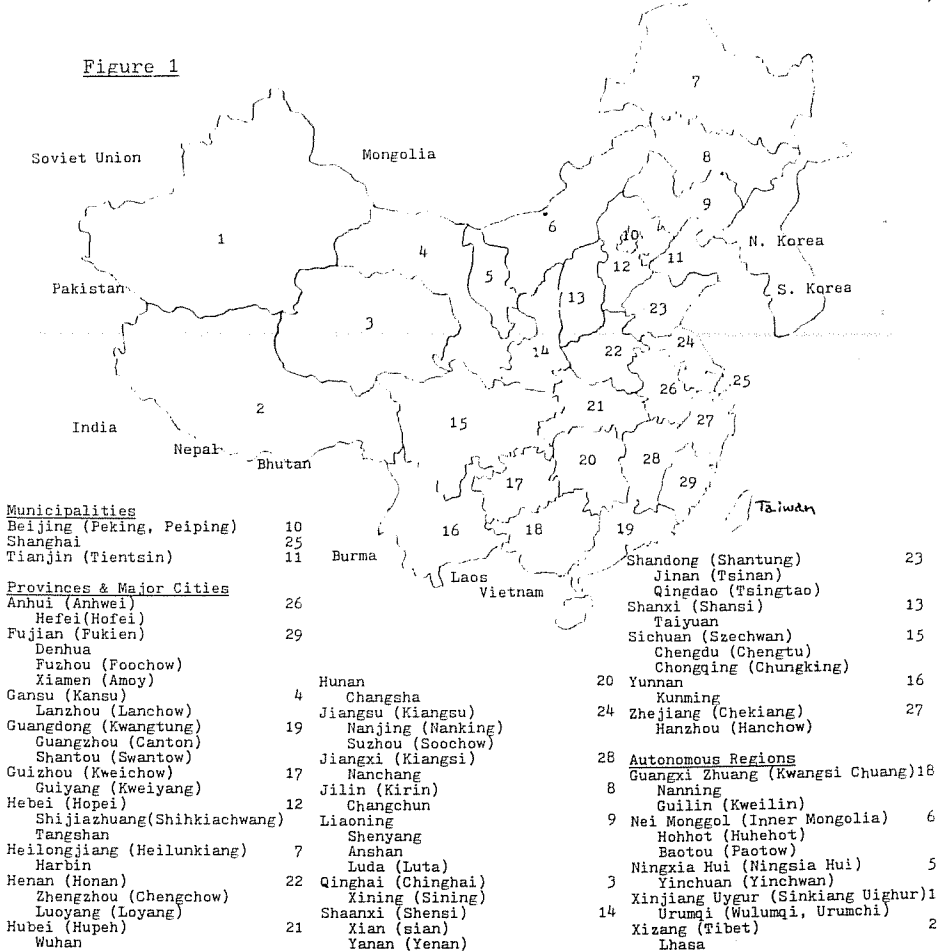
Table 1  
How to Pronounce Chinese Letters

Following is a table of the Chinese phonetic alphabet showing pronunciation with approximate English equivalents. Letters in the Wade-Giles system are in brackets.

- "a" (a), a vowel, as in far;
- "b" (p), a consonant, as in be;
- "c" (ts), a consonant, as "ts" in its; and
- "ch" (ch), a consonant, as "ch" in church, strongly aspirated;
- "d" (t), a consonant, as in do;
- "e" (e), a vowel, as "er" in her, the "r" being silent; but "ie," a diphthong, as in yes and "ei," a diphthong, as in way;
- "f" (f), a consonant, as in foot;
- "g" (k), a consonant, as in go;
- "h" (h), a consonant, as in her, strongly aspirated;
- "j" (i), a vowel, two pronunciations:  
1) as in eat  
2) as in sir in syllables beginning with the consonants c, ch, r, s, sh, z and zh;
- "j" (ch), a consonant, as in jeep;
- "k" (k), a consonant, as in kind, strongly aspirated;

- "l" (l), a consonant, as in land;
- "m" (m), a consonant, as in me;
- "n" (n), a consonant, as in no;
- "o" (o), a vowel, as "aw" in law;
- "p" (p), a consonant, as in par, strongly aspirated;
- "q" (ch), a consonant, as "ch" in cheek;
- "r" (j), a consonant pronounced as "r" but not rolled, or like "z" in azure;
- "s" (s, ss, sz), a consonant, as in sister; and "sh" (sh), a consonant, as "sh" in shore;
- "t" (t), a consonant, as in top, strongly aspirated;
- "u" (u), a vowel, as in too, also as in the French "u" in "tu" or the German unlaute "u" in "Muenchen";
- "v" (v), is used only to produce foreign and national minority words, and local dialects;
- "w" (w), used as a semi-vowel in syllables beginning with "u" when not preceded by consonants, pronounced as in want;
- "x" (hs), a consonant, as "sh" in she;
- "y," used as a semi-vowel in syllables beginning with "i" or "u" when not preceded by consonants, pronounced as in yet;
- "z" (ts, tz), a consonant, as in zero; and "zh" (ch), a consonant, as "j" in "jump."

Figure 1



- The Fujian Front Station. Operated by the People's Liberation Army, this station broadcasts over a multitude of medium and short wave transmitters in Fujian province. Two networks of stations beam programs to Taiwan.
- Provincial stations. Each Province and Autonomous Region has a station in its capital or principal city. These stations carry programs over a network of medium and short wave transmitters throughout the Province or A.R. In many cases, two different programs are broadcast simultaneously over two networks. These stations may, at times, relay CPBS broadcasts.
- Local Stations. Most large cities have their own locally produced program services. It's quite likely that some of them relay Central or Provincial stations during much of the day, breaking away for their own programs for only a few hours (similar to some of the "twin" stations in Canada). In the largest cities, however, more than one local program service may be available. Shanghai, for example, has four stations broadcasting locally produced programs.
- Service to Taiwan. This service is self-explanatory. These programs originate at the CPBS studios in Beijing and are broadcast on a relatively large number of medium and short wave frequencies. Most of the medium wave transmitters are probably in Fujian, due to its proximity to Taiwan.
- Minority Programs. These programs are aimed at those politically important minority groups I told you about earlier. The languages used include Kazakh, Korean, Mongolian, Tibetan, and Uighur. The programs are broadcast mainly on shortwave, but a few are relayed on medium wave by Local or Provincial stations.
- Radio Peking. Or is it Radio Beijing? This is the CPBS External Service. Radio Peking broadcasts several hundred hours per week in about forty languages. The vast majority of these programs are on shortwave, but a few are also on medium wave.

In addition to the above services, a couple of unusual services are available in China. One is a rediffusion network. These facilities consist of speakers and amplifiers located in homes, factories, communes, and public buildings. Several such speakers are wired together and connected to a radio tuned to one of the official stations. The main reason for this service is economics --- in the past, at least, it was easier and cheaper to build millions of speakers than to build millions of radios.

Another unusual service offered in China is radio broadcasting aboard trains. The trains in China have small studios which distribute radio programs to the passenger compartments. A photograph of one such studio appears in the March, 1980, National Geographic.

Broadcasting in China is under the supervision of the Broadcasting Administration Bureau. This bureau oversees the programming and operation of China's vast radio and TV network. In turn, it is accountable to the Central Committee of the Communist Party. In addition, local and provincial stations are supervised by bureaus and agencies at their respective levels of government, with all performance subject to scrutiny and regulation from above. And you thought our system of broadcasting was overregulated!

According to the U.S. State Department, there were 713 medium wave and 307 shortwave transmitters in China in 1970. Those numbers have probably increased since then. The list at the end of this article accounts for about 350 of them. The rest are probably parallels (i.e. many CPBS outlets on the same frequency), plus whatever local and provincial outlets I've missed.

## RADIO PROGRAMMING IN CHINA

Chinese radio stations carry a wide variety of radio programs. First of all, there are news and commentary features. There are also discussion programs. Few of us understand a word of what they're saying, but the discussions cover science and technology, literature and culture, agriculture, and whatever else they can come up with. Music makes up a large percentage of the program content and can include Chinese and Western orchestral music, Western pop music, Chinese folk music, classical music (such as Beethoven), choral music (generally a capella), and opera. During his visit to China last year, Pete Taylor noted stuff sounding like Hawaiian steel guitars and like Indian music. Much Chinese music sounds harsh and shrill to our ears; a few years ago, one DX Worldwide reporter described one vocal as sounding "like a wounded cat".

Also carried on Chinese radio are sports broadcasts and dramas. Language lessons have become quite common in recent years, as China seeks stronger ties with the rest of the world. In Shanghai and Beijing there are stations broadcasting nothing but English, Japanese, and French lessons. The CPBS and some Provincial and Local stations have a few hours of lessons each week. Finally, there is possibly a "National" program of sorts aired 1200-1230 daily over most Chinese stations.

DXING CHINA

China has been heard in North America during almost every month of the year. However, reception of all but the most powerful Chinese stations usually only occurs between mid-September and mid-December. Several Chinese stations can be heard regularly in western North America during this period.

Leading the pack is the Foreign Service outlet on 1044 kHz in Jiangsu, near Shanghai. This station has several things going for it: southerly location, high power, and a directional antenna aimed in our direction. It is used mainly for broadcasts to Japan, although it carries some CPBS programs as well. It is often audible, even when Asian reception in general is poor. Another frequently heard station is the Yanbian PBS in Yanji on 1206. Its Korean broadcasts often put in a good signal during the wee hours. Several CPBS outlets were heard regularly last season, including those on 756, 1251, and 1035 kHz.

Before November, 1978, China was also feasible on the east coast. The Russian Foreign Service transmitter on 1525 in Urumqi often put in a block-buster signal around sunset in the northeastern U.S. However, the station has since moved to 1521 kHz, where it must contend with a high powered Saudi station, plus domestic stations on 1520. Still, with a Beverage antenna pointed due north, someone in the east might luck out and hear it.

As a general rule, Chinese stations, when in, will fade in about an hour after Japanese stations. During the peak reception periods, this would be around 2 a.m. PST. Depending on conditions, they may be in well all morning until your local sunrise. Or they may peak at 3 or 4 o'clock and then fade out. Or they may come in poorly until just before sunrise, then make a sharp peak in strength, and then fade out. Or they may not come in at all, even when Japan is coming in well. If that sounds discouraging, remember that changes in conditions from day to day are what makes this hobby challenging and fun....

Table 2 lists the sunset times for five major Chinese cities for September through March (reception during April through August is too rare to worry about). Sunset times are a rough indicator of when a station might fade in. It's possible for a station to fade in as much as 45 minutes before their sunset, due to darkness reaching the ionospheric control point on the signal path before it reaches the station. On the other hand, a station may not

Table 2. Sunset times (UTC) for Chinese Cities

|          |      |      |      |      |      |      |      |
|----------|------|------|------|------|------|------|------|
|          | 1/1  | 2/1  | 3/1  | 9/1  | 10/1 | 11/1 | 12/1 |
| Beijing  | 0855 | 0929 | 1002 | 1043 | 0954 | 0909 | 0846 |
| Chengdu  | 1012 | 1038 | 1101 | 1127 | 1049 | 1016 | 1001 |
| Harbin   | 0756 | 0836 | 0917 | 1011 | 0913 | 0819 | 0748 |
| Shanghai | 0903 | 0929 | 0953 | 1019 | 0941 | 0907 | 0852 |
| Urumqi   | 1040 | 1117 | 1156 | 1245 | 1150 | 1059 | 1031 |

fade in until well past its local sunset, depending on the state of the ionosphere at the time.

Table 3 shows the loop bearings and distances from three western cities (Seattle, Los Angeles, Denver) and one eastern city (Atlanta) to five Chinese

cities. It should give you some idea of where to point your loop or Beverage antenna for optimum reception.

Table 3. Distances and loop bearings to Chinese Cities (in miles & degrees)

|             |          |          |          |          |          |
|-------------|----------|----------|----------|----------|----------|
|             | Beijing  | Chengdu  | Harbin   | Shanghai | Urumqi   |
| Seattle     | 5232 317 | 6264 321 | 4715 315 | 5709 309 | 5820 338 |
| Los Angeles | 6242 321 | 7177 324 | 5593 320 | 6526 313 | 6803 341 |
| Denver      | 6233 330 | 7200 335 | 5701 327 | 6723 321 | 6587 351 |
| Atlanta     | 7139 343 | 7908 352 | 6573 338 | 7639 337 | 7028 5   |

IDENTIFYING CHINESE STATIONS

Suppose Oriental stations are coming in well some morning. How do you know which ones are Chinese? There are several ways you can tell. The following are the most effective methods.

- Time pips. Most Far East stations broadcast a time signal at the top of the hour. As a general rule, Chinese stations have a time signal consisting of five tones, each one second long followed by a one second pause, followed by a sixth tone an octave higher than the rest, i.e. — — — — — . This time signal is not used universally, so not hearing it doesn't mean you didn't hear China. But it is unique to China and used by DXers to pinpoint the country of origin.
- Anthems. "The East is Red" and "Internationale" are played at various times on most Chinese stations. If you haven't heard them before, tune in

to Chinese shortwave broadcasts and listen for them. They are both slow, ponderous tunes and are sometimes heard on the hour, half-hour, or at sign on or sign off.

- Station identification. It's easier than you think to pick out IDs from Chinese stations. Generally they occur just after an anthem or time signal. Broadcasts originating from Peking ID as "Zhongyang renmin guangbo diantai", which is pronounced just like it's spelled and means "Central People's Broadcasting Station". Broadcasts originating from provincial or local stations ID with the name of the city, province, or other government entity substituted for the word "Zhongyang", such as "Shanghai renmin guangbo diantai". If you work at it, you may be able identify more than one Chinese station on a particular frequency. However, it can at times be tough to discern between similar sounding names: Hunan, Henan, Hainan, and Yunnan, for example. Or even worse, Shanxi and Shaanxi!
- Parallel programming. If you have two receivers, it's a simple matter to tune one to a station you know the identity of and confirm the identity of an unknown station. This way, you don't have to sit around all morning waiting for pips, anthems, and IDs.

Note that identifying the language used by a station is not sufficient to confirm its identity. Two of the most frequently heard Chinese stations do not broadcast in Chinese during most of their evening hours. And some neighboring countries, such as the Soviet Union, broadcast programs in Chinese on medium wave.

### OBTAINING VERIFICATIONS

Up until a year or two ago, China rarely sent out verifications for medium wave reception. This policy has since changed. China now readily verifies reception reports for medium and short wave domestic broadcasts. They even mention the name of the station, the date of reception, and the frequency (although they still seem to be "correcting" the frequency in the report to the old 10 kHz spacing frequency. My report for 1035 kHz was verified as 1030 kc/s and Bill Harms' report for 1206 was verified as 1210). Still, it's good to get something back for one's efforts.

Reception reports should be sent to Central People's Broadcasting Station, Outside of Fu Hsin Men, Beijing, People's Republic of China. Return postage is not needed. You'll get a nice QSL card and maybe a "soft sell" magazine, a calendar, or some other token item. Reception reports for provincial and other stations can probably be sent care of the above address. Or you might try sending your report to XXXXX People's Broadcasting Station, City, Province, People's Republic of China, just to see what happens. Hopefully, someone at the station will know how to read English.

### MEDIUM WAVE STATIONS IN CHINA

To conclude this article, the next few pages list all the Chinese ECB outlets I could find information on. Sources for this list include Pete Taylor (including is "DXing in Asia" article in the 2/9/80 DXM and some other unpublished information), back issues of IRCA, NRC, NZDXRL, SPEEDX, & NASWA bulletins, and the 1980 World Radio TV Handbook. The following comments apply

Freq: "\*" means a Chinese station has been hrd on that frequency in N. America

"a" means the station may vary a few kilohertz off frequency

City: "near" means a station is audible during the day in that city. It's likely within a 150 mile radius of that location.

Pgm: C1: Central People's Broadcasting Station (CPBS), 1st Pgm; C2: CPBS, 2nd Pgm; F1: Fujian Front Station (FFS), 1st pgm; F2: FFS, 2nd Pgm; FS: Foreign Service; HP: Hainan PBS; L: Local PBS; L1, L2: Local PBS, 1st pgm, 2nd Pgm, etc; MS: CPBS Minority Service; P: Provincial (or AR) PBS; P1, P2: Provincial PBS, 1st & 2nd Pgm; TS: Taiwan Service; YP: Yanbian PBS; ZP: Zhoushan (Island) PBS

Schedule: Times are UTC; I & E means "Internationale" & "East is Red", respectively, are played at that s/on or s/off; N: No anthem is played at that s/on or s/off; NA: station plays neither anthem; LL: station carries EE, JJ, and/or FF language lessons.

Parallels: (1) all C1 stations on the list, plus 5860 5880 6665 6750 7095 7504 9064 9080 11302 11330; (2) 603 630 678 720 747 855 882 897 899 1251 4250 5075 5163 6345 7190 7770 8320 9020 9775 10260 11040 11505 12200 15030; (3) 594 693 750 792 909 927 1035 1089 1116 1224 1431 1512 2360 3360 3820 4770 9170 11000 11100; (4) 666 846 1016 1266 2340 3640 4045 4330 5040 5240 5265 5900 6765 7504 7850; (5) 819 954 1008 1377 1539 3200 3300 3400 4380 4840 5170 5770 5900 7025 8195; (6) 720 918 1044 3960 4960 7480 11515 (7) 531 576 813 846 864 963 985 1134 1323 1404 1431 1476 2475 4785 6000 6620; (8) 612 963 1089 1260 3930 4830; (9) 738 1107 1485 1530 2960 3310



| <u>Freq</u> | <u>Province</u> | <u>City</u>                | <u>Pgm</u> | <u>Schedule</u>             | <u>Parallels</u>    |
|-------------|-----------------|----------------------------|------------|-----------------------------|---------------------|
| 531         | Zhejiang        | Hangzhou                   | P1         | 2100-0515 0845-1500         | (7)                 |
|             | Unknown         |                            | C1         | 2000-1735                   | (1)                 |
| 540         | ----            | Shanghai                   | C1         | 2000-1735                   | (1)                 |
|             | Various         |                            | C1         | 2000-1735                   | (1)                 |
| 549         | Jiangsu         | Zhangzhou                  | C1?        |                             | (1)                 |
|             | Unknown         |                            | C1         | 2000-1735                   | (1)                 |
| 558         | Fujian          |                            | P1         | 2050-0530 0750-1600         | 783 1071 2340 5040  |
| 560         | Jiangsu         | Jiayang                    |            |                             | (1)                 |
|             | Unknown         | near Hangzhou              | C1         | 2000-1735                   | (1)                 |
| 567         | Heibei          | various                    | C1         | 2000-1735                   | (1)                 |
| 576         | Yunnan          | Quibei                     | P1         | 2150-0600 0920-1605N        | 990 2460 4760       |
|             | Zhejiang        |                            | P1         | 2100-0515 0845-1500         | (7)                 |
| 585         | Unknown         | near Beijing               | C1         | 2000-1735                   | (1)                 |
| 593         | Unknown         | nr Hong Kong               |            |                             |                     |
| 594*        | Fujian          | Wencheng                   | TS         | 2000-0610(0700Su) 0830-1900 | (3)                 |
|             | Guangdong?      |                            | C1         | 2000-0600 -1735             | 619 902 1201 1341   |
|             | Shandong        | Jinan                      | P          | -1510                       | 918 1485 1548 2350  |
|             | Xizang          | Lhasa                      | P          | 2230-0645 1000-1545         | 4750 5935 7170      |
| 603         | ----            | Beijing?                   | C2         | 2200-1600                   | (2)                 |
| 612         | Liaoning        |                            | P          | 2040-0540 0740-1500         | (8)                 |
|             | Fujian          |                            | P1         | 2050-0530 0750-1600         | 558 783 2340 5040   |
| 619         | Guangdong?      |                            | C1         | -0600                       | 594 902 1201 1341   |
| 621         | Heilongjiang    | Harbin                     | P          | 2040-0630(0510Th)           | 900 3340 5950 4840  |
|             | Unknown         |                            | FS         | RR: 1500-1800               | 1521 7140 9725      |
|             | Unknown(s)      | near Hangzhou and Shanghai | C1         | 2000-1735                   | (1)                 |
| 630         | Unknown         |                            | C2         | 2200-1600                   | (2)                 |
| 635         | Urumqi          |                            | P1         |                             | (1)                 |
|             | Unknown         |                            | C1         | 2000-1735                   | (1)                 |
| 639         | ----            | Beijing                    | C1         | 2000-1735                   | (1)                 |
|             | Unknown         |                            | TS         | 2000-0610(0700Su) 0830-1900 | (3)                 |
| 648         | Guangdong       | Guangzhou                  | P1         | 2045-2400 0250-1530         | sometimes (1)       |
| 657         | Henan           | Zhengzhou                  | P1         | 2120-1400 0350-1515         | 1332                |
|             | * Unknown       |                            | C1         | 2000-1735                   | (1)                 |
| 660         | Unknown         |                            | C1         | 2000-1735                   | (1)                 |
| 666         | Fujian          | Dehua                      | F1         | 1000-1800 2100-0500         | (4)                 |
| 675         | Qinghai         | Xining                     |            |                             |                     |
|             | Nei Monggol     | Hohhot                     | P1         | 2145-0100 0200-0555         | 765 1188 3970 4895  |
|             |                 |                            |            | 0900-1525(1545SaS)NA        | 4068 6840           |
|             | Xinjiang        |                            | P2         |                             | 702 685             |
| 676         | Unknown         |                            | C1         | 2000-1735                   | (1)                 |
| 678         | Unknown         |                            | C2         | 2200-1600                   | (2)                 |
| 684*        | Hubei?          | near Beijing               |            |                             | 1278                |
|             | Guangdong       | Haikou                     | ZP         | 2135-0415                   | 675 702             |
| 685         | Zhejiang        | Dinghai                    | P2         |                             |                     |
| 693         | Xinjiang        |                            | P1         | 2050-1450                   | 6176                |
|             | Jiangsu         |                            | P          | 0900-1520I 2120-0820        |                     |
|             | Shaanxi         | Xian                       | P          |                             |                     |
|             | Sichuan         |                            | TS         | 2000-0610(0700) 0830-1900   | (3)                 |
| 702         | Unknown         |                            |            | -1658                       | 936 1476            |
|             | Fujian          |                            | P          | 2050-1450I 2050-2400        | 1314 1413(some FS?) |
|             | Jiangsu         | Nanjing                    | P2         |                             | 675 685             |
| 711         | Xinjiang        | Gonghe                     |            |                             |                     |
| 720*        | ----            | Beijing                    | C2         | 2200-1600                   | (2)                 |
|             | Unknown         |                            | FS         | JJ:2130-2200 0930-1530      | (6)                 |
| 723         | Unknown         |                            | C2?        | -0600 0915-1600             | 855 1044(sometimes) |
| 729         | Jiangxi         | Jian                       | P          | 0855-1620I 0200- EELL       | 1422? 5020?         |
|             | Unknown         |                            | C1         | 2000-1735                   | (1)                 |
| 735         | Guangdong       | Guangzhou                  | C1         | 2000-1735                   | (1)                 |
| 738         | Jilin           | Changchun                  | P          | 2000-0530 0850-1530         | (9)                 |
| 747         | Unknown         | near Beijing               | C2         | 2200-1600                   | (2)                 |
| 750         | Unknown         |                            | TS         | 2000-0610(0700) 0830-1900   | (3)                 |
| 756*        | Unknown         |                            | C1         | 2000-1735                   | (1)                 |
| 765         | Nei Monggol     |                            | P1         | 2145-0100 0300-0555         | 675 1188 3970       |
|             |                 |                            |            | 0900-1525(1545SaSu)NA       | 4068 4895 6840      |
|             |                 |                            | P          | 2100-0610 0850-1605I        | 1179 1404 3940      |
| 774         | Hubei           | Wuhan                      | P1         | 2050-0530 0750-1600         | 558 882 1071 4975   |
| 783         | Fujian          |                            |            |                             | 2340 5040 7165      |
|             | Hebei           | Baoding                    | P          | 2115-2350 0200-0600         | 1278                |
|             |                 |                            |            | 0840-1535                   |                     |

| Freq | Province     | City           | Pgm  | Schedule                | Parallels                   |
|------|--------------|----------------|------|-------------------------|-----------------------------|
| 792  | ----         | Shanghai       | L2   | 2100-1600               |                             |
|      | Guangxi      | Nanning        | P1   | 0845-1600E              | 2100-0530 4915 1071 1440    |
|      | Unknown      |                | TS   | 2000-0610(0700Su)       | 0830-1900 (3)               |
| 801  | Guangdong    |                | P2   | 2100-0600N              | E0900-1540 1062 (Cantonese) |
|      | ----         | Beijing?       | C1   | 2000-1735               | (1)                         |
| 805  | Unknown      |                | C1   | 2000-1735               | (1)                         |
| 810  | Zhejiang     | Hangzhou       | P1   | 2100-0515               | 0845-1500 (7)               |
| 819  | Fujian       |                | F2   | 0330(1000Wed)-1730      |                             |
|      | Shanxi       | Taiyuan        | P    | 2100-0035               | 0230-0635 1269 846          |
|      | Unknown      | near Guangzhou |      | 0900-1510               |                             |
|      |              |                |      | EELL                    | 2155                        |
| 828* | ----         | Beijing        | L    |                         |                             |
| 837* | Hubei        | Wuhan          | C1   | 2000-1735               | (1)                         |
|      | Qinghai      | Xining         | LorP | 2100-0100               | 0900-1520 3950 4940 6255    |
| 846  | Fujian       |                | F1   | 1000-1800               | 2100-0500 (4)               |
|      | Guangdong    | Huizhou        | P2   | 2130-2350               | 0950-1530 1161 1224         |
|      | Shangxi      |                | P    | 2100-0035               | 0330-0635 1269 819          |
|      |              |                |      | 0900-1510               |                             |
|      | Zhejiang     |                | P1   | 2100-0515               | 0845-1500 (7)               |
|      | Unknown      | near Hangzhou  |      |                         |                             |
|      |              | Shanghai       | C2   | 2200-1600               | (2)                         |
| 855* | ----         |                | P1   | 2100-0515               | 0845-1500 (7)               |
| 864  | Zhejiang     |                | C1   | 2000-1735               | (1)                         |
|      | Unknown      |                | P    | 2120-0100               | 0220-0600 4865 5970 6155    |
| 873* | Gansu        | Lanzhou        | P    | 0920-1600               | NA 7325                     |
|      | Jiangsu      | Nanjing        | P2   |                         |                             |
|      | Unknown      |                | C1   | 2000-1735               | (1)                         |
| 882  | Fujian       | Fuzhou         | P1   | 2050-0530               | 0750-1600 558 783 1071 5040 |
|      | Nei Monggol  | Hohot          | L1   |                         | 2340 7165                   |
|      | Unknown      |                | C2   | 2200-1600               | (2)                         |
| 891  | Liaoning     | Dandong        | P    | 2050-0020               | 0250-0530                   |
|      |              |                |      | 0810-1435               |                             |
|      | Ningxia      | Yinchuan       | P    | 2210-0150               | 0350-0600 1287 4830         |
|      |              |                |      | 0920-1535               |                             |
|      | Shandong     | Jinan          | P    | 2055-0020               | 0250-0530 1404 2350         |
|      |              |                |      | 0810-1510               | (2)                         |
| 897  | Guangdong    |                | C2   | 2200-1600               | (2)                         |
| 899  | Unknown      | near Beijing   | C2   | 2200-1600               | (2)                         |
| 900  | Heilongjiang |                | P    | 2040-0630(0510Th)       | 621 3340 4840               |
|      |              |                |      | 0830-1530(KK 0300-0400) | 5950                        |
| 902a | Guangdong    | Guangzhou      | C1   | 2000-0600               | -1735 (1)                   |
| 909  | ----         | Tianjin        | L    |                         |                             |
|      | Fujian       | Wencheng       | TS   | 2000-0610(0700Su)       | 0830-1900 (3)               |
| 913  | Unknown      | near Hong Kong |      |                         |                             |
| 918  | Shandong     | Weifang        | P    | -1510                   | 594 1441 1485 1548          |
|      | Jiangsu      |                | FS   | JJ:2130-2200            | 0930-1530(6)                |
| 927  | ----         | Beijing        |      | 2250-1600N              |                             |
|      | Guizhou      |                | P    | 2130-0020               | 0150-0620 1026 3260 7275    |
|      |              |                |      | 0850-1605               | EELL                        |
| 932  | Unknown      | near Hong Kong |      |                         |                             |
| 936  | Anhui        | Hefei          |      | 2050-0530               | 0730-1500 1395 1494         |
|      | Fujian       |                |      | -1658                   | 702 1476                    |
|      | Jiangsu?     |                |      |                         |                             |
|      | Unknown      |                | C1   | 2000-1735               | (1)                         |
| 940  | Unknown      | near Beijing   |      |                         |                             |
| 954  | Fujian       |                | F2   | 0330(1000Wed)-1730      | (5)                         |
|      | Guangdong    | Hainan Island  | HP   | 2100-0100               | 0250-0600 1188              |
|      |              |                |      | 0900-1500               | EELL, some Hainanese        |
|      | ----         | Tianjin        | L    | -1430(1400Su)           |                             |
| 958  | Unknown      |                | C1   | 2000-1735               | (1)                         |
| 960  | Xizang       | Lhasa          | P2   | 2230-0645               | 1000-1600 3917 4035 5240    |
|      |              |                |      | Tibetan                 | 5995 9490 9680              |
| 963* | Liaoning     | Chifeng        | P    | 2040-0100               | 0250-0540 612 1089 1260     |
|      |              |                |      | 0720-1500               | 3930 4830                   |
|      | Zhejiang     |                | P1   | 2100-0515               | 0845-1500 (7)               |
| 972  | Henan        | Zhengzhou      | P2   | 2150-0515               | 0925-1500                   |
| 981  | Fujian       | Fuzhou         | P2   |                         |                             |
|      | Unknown      |                | C1   | 2000-1735               | (1)                         |
| 985  | Zhejiang     |                | P1   | 2100-0515               | 0845-1500 (7)               |
| 990  | ----         | Shanghai       | L1   | 2030-1500,              | EELL                        |
|      | Yunnan       | Kunming        | P1   | 2150-0600               | 0920-1605 576 2460 4760     |

| Freq  | Province    | City           | Pgm  | Schedule                              | Parallels                    |
|-------|-------------|----------------|------|---------------------------------------|------------------------------|
| 999*  | Unknown     |                |      |                                       |                              |
| 999   | Guangdong   | Guangzhou      | L    | 2100-1605 EE/JJLL                     |                              |
|       | Xinjiang    |                | P2   |                                       | 702 675 685                  |
|       | Unknown     |                | C1   | 2000-1735                             | (1)                          |
| 1008  | Fujian      |                | F2   | 0330(1000Wed)-1230                    | (5)                          |
| 1016  | Fujian      |                | F1   | 2100-0500 1000-1800                   | (4)                          |
| 1017* | Jilin       | Changchun      | FS   | KK:1100-1500                          | 4620 5975 6955               |
|       | Unknown     | near Beijing   | C1   | 2000-1735                             | (1)                          |
| 1026  | ----        | Beijing        | L    | EE/FJLL                               |                              |
|       | Guizhou     |                | P    | 2130-0020 0150-0620<br>0850-1605 EELL | 927 3260 7275                |
| 1035* | Unknown     | near Beijing   | C1   | 2000-1735                             | (1)                          |
|       | Unknown     |                | TS   | 2000-0610(0700Su) 0830-1900           | (3)                          |
| 1044  | Jiangsu     | Changzhou      | FS   | JJ:2130-2200 0930-1530                | (6)                          |
|       |             |                | C1/2 | when not FS                           | (1) (2)                      |
| 1053* | Yunnan      | Dongchuan      | L    |                                       |                              |
|       | Unknown     |                | C1   | 2000-1735                             | (1)                          |
| 1062  | Guangdong   | Guangzhou      | P2   | 2100-0600 E0900-1540                  | 801 Cantonese                |
| 1069  | Unknown     |                | C1   | 2000-1735                             | (1)                          |
| 1071  | Fujian      |                | P1   | 2000-0530 0750-1600                   | 558 882 5040 7165            |
|       | Guangxi     |                | P1   | 0845-1600E 2100-0530                  | 792 1440 4915                |
|       | ----        | Tianjin        | L    | -1735                                 | (1)                          |
| 1080  | Guangdong   | Shantou        | L    | 2110-1505                             |                              |
|       | Zhejiang    | near Hangzhou  | P1   | 2100-0515 0845-1500                   | (7)                          |
| 1089  | Liaoning    | Shenyang       | P    | 0720-1500 2040-0540                   | (8)                          |
|       | Sichuan     | Chengdu        | P2   | 2220-0530 0900-1300                   | 5900                         |
|       | Unknown     |                | TS   | 2000-0610(0700Su) 0830-1900           | (3)                          |
| 1098a | ----        | Shanghai       | L    | 1100- Cultural Pgms                   |                              |
| 1107  | Jilin       |                | P    | 2050-0530 0850-1505                   | (9)                          |
|       | Liaoning    | Hunjiang       |      |                                       |                              |
| 1116* | Guangdong   | Mei Xian       |      |                                       |                              |
|       | Jilin       | Antu           |      |                                       |                              |
|       | Sichuan     | Chengdu        | P1   | 2120-0800 0920-1505                   | 3245                         |
|       | Unknown     |                | C2   | 2200-1600                             | (2)                          |
|       | Unknown     |                | TS   | 2000-0610(0700Su) 0830-1900           | (3)                          |
| 1125* | Unknown     |                | C1   | 2000-1735                             | (1)                          |
| 1134  | Zhejiang    | Linhai         | P1   | 2100-0515 0845-1500                   | (7)                          |
| 1135  | Unknown     |                | C1   | 2000-1735                             | (1)                          |
| 1143  | Nei Monggol | Dongsheng      | P    |                                       |                              |
| 1148  | Zhejiang    | near Hangzhou  | P1   | 2100-0515 0845-1500                   | (7)                          |
| 1152  | Hunan       | Changsha       | P    | 2105-1605                             | 1161 1233 1584 1591<br>/4990 |
|       | Jilin       | Tongliao       |      |                                       |                              |
|       | Liaoning    | Luda           | L    | 2045-0020 0250-1435                   |                              |
|       | Unknown     | Luda??         | M    | Mongolian:1200-1255                   | 6430 8565                    |
| 1161  | Guangxi     | Nanning        | P2   | 2130-2350 0950-1530                   | 5010                         |
|       | Hunan       |                | P    | 2105-1605                             | 1152 1233 1584 1591<br>/4990 |
|       | Unknown     | near Beijing   |      |                                       |                              |
|       | Unknown     | near Hong Kong |      |                                       |                              |
|       | Unknown     |                | C1   | 2000-1735                             | (1)                          |
| 1170  | Unknown     |                | C1   | 2000-1735                             | (1)                          |
| 1179  | Hubei       |                | P    | 2100-0610 0850-1605                   | 774 1404 3940 4890           |
|       | Unknown     |                | C1   | 2000-1735                             | (1)                          |
| 1188  | Guangdong   | Hainan Island  | HP   | 2100-0100 0250-0600                   | 954                          |
|       |             |                |      | 0900-1500 EELL, some Hainanese        |                              |
|       | Nei Monggol |                | P1   | 2145-0100 0200-0555                   | 675 765 3970                 |
|       |             |                |      | 0900-1525(1545SaSu)NA                 | 4068 4895 6840               |
|       | Yunnan      | Kunming        | FS   | Lao:1100-1130                         | 11980 15115                  |
|       |             |                |      | Thai:1130-1200                        | 9460 12450                   |
|       |             |                |      | Cambodian:1200-1300                   | 1296 9440 11455              |
|       |             |                |      | Thai:1330-1430                        | 9460 11990                   |
|       |             |                |      | Lao:1430-1500                         | 5220 11980 15115             |
| 1197  | Unknown     | near Beijing   | C1   | 2000-1735                             | (1)                          |
| 1201  | Guangdong   | Guangzhou      | C1   | -0600 -1735                           | (1)                          |
| 1203  | Unknown     | near Hong Kong |      |                                       |                              |
| 1206* | Jilin       | Yanji          | YP   | 2030-2340 0230-0540                   |                              |
|       |             |                |      | 0830-1430, mostly in KK               |                              |
|       |             |                | M    | KK:1000-1055 0400-0455                | 8565 9900                    |
|       | Yunnan      | Kunming        | FS   | EE:1800-1900                          | 12450                        |
|       |             |                |      | Hindi:1500-1800                       | 11455 12450                  |
| 1215  | Unknown     | near Beijing   |      |                                       |                              |

| <u>Freq</u> | <u>Province</u> | <u>City</u>    | <u>Pgm</u> | <u>Schedule</u>                                                                    | <u>Parallels</u>                                            |
|-------------|-----------------|----------------|------------|------------------------------------------------------------------------------------|-------------------------------------------------------------|
| 1224        | Guangxi         | Beihai         | L          | 2215-2350 0245-0455<br>1015-1500 (some Guangxi PBS relays)                         | 8743                                                        |
|             | Qinghai         | Chengdo        | P          |                                                                                    |                                                             |
|             | Unknown         |                | TS         | 2000-0610(0700Su)                                                                  | 0830-1900 (3)                                               |
|             | Unknown         | near Beijing   |            |                                                                                    |                                                             |
| 1233        | Hunan           | Changsha       | P          | 2105-1605I                                                                         | 1152 1161 1584<br>1591 4990                                 |
| 1238        | Unknown         |                | C1         | 2000-1735                                                                          | (1)                                                         |
| 1242        | Yunnan          | Kunming        | P          | 2155-0100 0955-1600                                                                |                                                             |
| 1251*       | Qinghai         | Xining         | P          | 2230-1510                                                                          | 3950 4940 6500                                              |
|             | Unknown         |                | C2         | 2200-1600                                                                          | (2)                                                         |
|             | Unknown         |                | FS         | Mongolian: 2300                                                                    |                                                             |
| 1260        | Liaoning        | Fuxin shi      | P          | 0720-1500 2040-0100                                                                | (8)                                                         |
|             | Unknown         |                | C1         | 2000-1735                                                                          | (1)                                                         |
| 1266        | Fujian          | Dehua          | F1         | 1000-0500                                                                          | (4)                                                         |
| 1269        | Shanxi          | Taiyuan        | P          | 2100-0035 0330-0635<br>0900-1510                                                   | 846 819                                                     |
|             | Unknown         | near Beijing   |            | EELL 2215                                                                          |                                                             |
| 1278        | Hebei           | Shijiazhuang   | P          | 2115-2350 1200-0600<br>0840-1535                                                   | 783                                                         |
|             | Zhejiang?       |                |            |                                                                                    |                                                             |
| 1287*       | Ningxia         | Yinchuan       | P          | 2210-0350 0920-0600                                                                | 891 4830                                                    |
|             | Unknown         |                | C1         | 2200-1735                                                                          | (1)                                                         |
| 1296        | ----            | Shanghai       | L4         | 2155-2330 0025-0200<br>0355-0530 0755-1430<br>EE/FF/JJ LL <u>only</u>              |                                                             |
|             | Liaoning        | Benxi          |            |                                                                                    |                                                             |
|             | Sichuan         | Xian           |            |                                                                                    |                                                             |
|             | Yunnan          | Kunming        | FS         | Bengali: 1500-1600<br>Cambodian: 1030-1130<br>1230-1300 1400-1500<br>FF: 1300-1400 | 9965 12450<br>9440 11455<br>11695 15125<br>9440 11455 11695 |
| 1302        | Unknown         |                | C1         | 2000-1735                                                                          | (1)                                                         |
| 1314        | Jiangsu         | Suzhou         | P          | 2050-1450I EELL                                                                    | 702 1413                                                    |
|             | Sichuan         | Chongqing      |            |                                                                                    |                                                             |
|             | Unknown         |                | FS         | Mongolian: 1200-1255                                                               | 5145 5850 6555                                              |
| 1320        | Unknown         |                | C1         | 2000-1735                                                                          | (1)                                                         |
| 1323        | Zhejiang        | Ningbo         | P1         | 2100-0515 0845-1500                                                                | (7)                                                         |
|             | Jilin           | Changchun      | L          |                                                                                    |                                                             |
| 1332        | Henan           | Luoyang        | P1         | 2120-1400 0350-1515                                                                | 657                                                         |
|             | Unknown         |                | C1         | 2000-1735                                                                          | (1)                                                         |
| 1341        | Guangdong       | Guangzhou      | FS         | Tagalog: 1200-1230<br>Vietnamese: 1230-1430<br>Tagalog: 1430-1500                  | 6520 8240 15250<br>9945 11725<br>5420 6520 11445            |
|             | Unknown         |                | C1         | When not FS                                                                        | (1)                                                         |
| 1350        | Guangdong?      |                | C1         | 2000-1735                                                                          | (1)                                                         |
|             | Yunnan          | Kunming        | L          | 2215-2400 0345-0600<br>0955-1520; may have some P1 or P2                           | (1)                                                         |
| 1359        | Unknown         | near Hangzhou  | C1         | 2000-1735                                                                          | (1)                                                         |
| 1363        | Unknown         |                | C1         | 2000-1735                                                                          | (1)                                                         |
| 1369        | Unknown         |                | C1         | 2000-1735                                                                          | (1)                                                         |
| 1377*       | Fujian          | Dehua          | F2         | 0400-2100                                                                          | (5)                                                         |
|             | Shandong        | Qingdao        | L          | 2100-0030 0255-0630                                                                | 0855-1500                                                   |
| 1386        | Unknown         | near Hong Kong |            |                                                                                    |                                                             |
| 1395        | Anhui           |                | P          | 2050-0530 0730-1500                                                                | 936                                                         |
|             | Unknown         |                | C1         | 2000-1735                                                                          | (1)                                                         |
| 1404        | Hubei           | Yichang        | P          | 2100-0610 0850-1605                                                                | 774 1179 3940 4980                                          |
|             | Liaoning        | Dandong        | P          | 2050-0020 0250-0530<br>0810-1435                                                   | 891                                                         |
|             | Shandong        | Jinan          | P          | 2050-0020 0250-0530<br>0810-1510                                                   | 891 2350                                                    |
|             | Zhejiang        |                | P1         | 2100-0515 0845-1500                                                                | (7)                                                         |
| 1408        | Unknown         |                | C1         | 2000-1735                                                                          | (1)                                                         |
| 1413        | Jiangsu         | Lianyungang    | P          | 2050-0000 0030-<br>0900-1450I some FS/C1/C2                                        | 702 1314                                                    |
| 1415        | Unknown         |                | C1         | 2000-1735                                                                          | (1)                                                         |
| 1422        | Jiangxi         |                | P          | -1435                                                                              | 729? 5020?                                                  |
|             | Sichuan         | Zigong         | L          | 0920- 2120-0500<br>-1435I (In Amoy)                                                |                                                             |
|             | Zhejiang?       |                |            |                                                                                    |                                                             |

| <u>Freq</u> | <u>Province</u> | <u>City</u>   | <u>Pgm</u> | <u>Schedule</u>                                                            | <u>Parallels</u>            |
|-------------|-----------------|---------------|------------|----------------------------------------------------------------------------|-----------------------------|
| 1431a       | ----            | Shanghai      | L3         | 2155-2300 0025-0130<br>0355-0500 0700-0900<br>0950-1455 Cultural Pgms & LL |                             |
|             | Heilongjiang    | Hailar        | F          |                                                                            |                             |
|             | Zhejiang        |               | P1         | 2100-0515 0845-1500                                                        | (7)                         |
|             | Unknown         |               | TS         | 2000-0610(0700Su)                                                          | 0830-1900 (3)               |
| 1437a       | Jilin?          |               | TS         | some C1 also                                                               | (1) (3)                     |
| 1440        | Guangxi         | Linzhou       | P1         | 0845-1600E 2100-0530                                                       | 792 1071 4915               |
|             | Unknown         |               | MS         | Mongolian:1200-1255                                                        | 6430 8565                   |
| 1441        | Shandong        | Yantai?       | P          | -1510                                                                      | 594 918 1441<br>1548 2350   |
| 1449        | Jiangxi         | Jingdezhen?   | P          |                                                                            |                             |
| 1453        | Unknown         |               | C1         | 2000-1753                                                                  | (1)                         |
| 1458        | Hei Monggol     | Huhot         | MS         | Mongolian:0500-0555                                                        | 4070 6974                   |
|             |                 |               | FS         | RR:1600-1755                                                               | 621 1521                    |
|             |                 |               | P2         | 2130-0050 0230-0500<br>0900-1600                                           |                             |
| 1467        | Fujian          |               | P2         |                                                                            |                             |
|             | Unknown         | near Beijing  |            |                                                                            |                             |
| 1476*       | Fujian          | Wencheng      |            | -1658                                                                      | 702 936                     |
|             | Hebei           | Huangshi      | L          |                                                                            |                             |
|             | ----            | Beijing       | L          | EE/FF/JJ LL only                                                           |                             |
|             | Zhejiang        | Ningbo        | P1         | 2100-0515 0845-1515                                                        | (7)                         |
|             | Unknown         |               | C2         | 2200-1600                                                                  | (2)                         |
| 1485        | Jilin           |               | P          | 2000-0530 0850-1505                                                        | (9)                         |
|             | Shandong        |               | P          | -1510                                                                      | 594 918 1441<br>1548 2350   |
| 1494        | Anhui           | Hefei         | P          | 2050-0100 0250-0500<br>0730-1500                                           | 936                         |
|             | Honan           | Zhangzhou     |            |                                                                            |                             |
|             | Fujian          | Sanming       |            |                                                                            |                             |
|             | Jilin           | Tongliao      |            |                                                                            |                             |
| 1503        | Hunan           | Xiangtan      | P          | 2130-2330 0320-0500<br>0950-1520                                           |                             |
|             | Jilin           | Liaoyan       | P          |                                                                            |                             |
|             | Liaoning        |               | P1         | 0920I-1510 2100-0515                                                       | (7)                         |
| 1511        | Guangxi         |               |            | 2130-2350(partial sked)                                                    |                             |
| 1512        | Heilongjiang    | Hailar        | L          | 2150-2400 0950-1500                                                        | 4750?                       |
|             | * Unknown       |               | TS         | 2000-0610(0700Su)                                                          | 0830-1900 (3)               |
| 1521        | Xinjiang        | Urumqi        | FS         | Rissian:1000-0255                                                          | 7140 9725                   |
| 1530 a      | Jilin           |               | P          | 2000-0530 0845-1505                                                        | (9)                         |
|             | Shanxi          |               |            | -1535                                                                      |                             |
|             | Zhejiang        | Hangzhou      | P2         | 2110-0030 0250-1505                                                        |                             |
| 1539        | Fujian          | Dehua         | F2         | 0330(1000Wed)-1730                                                         | (5)                         |
| 1548        | Shandong        | Rushan        |            | -1510                                                                      | 594 918 1441<br>1485 2350   |
|             | Unknown         | near Beijing  |            |                                                                            |                             |
| 1557*       | Fujian          | Fuzhou        | L1         |                                                                            |                             |
| 1566        | Shandong        | Ya Xian       |            |                                                                            |                             |
| 1570        | Henan           |               | P          |                                                                            |                             |
| 1575        | Gansu           | Yumen shi     |            |                                                                            |                             |
|             | Zhejiang        | Wengzhou      | L          | 2050-1510I                                                                 | 2415, some (1)              |
|             | Unknown         |               | C1         | 2000-1735                                                                  | (1)                         |
| 1584        | Hunan           |               | P          | 2105-1605                                                                  | 1152 1161 1233<br>1591 4990 |
| 1591        | Hunan           | Pingdingshan? | P          | 2105-1605                                                                  | 1152 1161 1233<br>1584 4990 |
| 1593        | Hebei           | Jingshan      |            |                                                                            |                             |
|             | Xinjiang        | Urumqi        |            |                                                                            |                             |
| 1602        | Jiangsu         | Hongze        | L          | 2155-2315 0325-0435<br>0910-1330 (some Jiangsu PBS Pgms)                   |                             |
|             | Unknown         |               | C1         | 2000-1735                                                                  | (1)                         |

# EASTERN DX FORUM

THE COLUMN OF THE 80's

Paul Mount  
471 Emerson Avenue  
Teaneck, NJ 07666  
201 836 1137

Deadlines: Tuesdays

ATTENDING THE 1980 CONVENTIONS, as told by:

BILL TOWNSHEND 4500 Conn. Ave NW #901 Washington DC 20008 202 966 8046

I've been living at the swimming pools or seashore, swimming and bikini chasing every weekend (except convention weekend) during this hottest summer DC has ever had. During the siege of hot wx (7/25 thru 8/14) I heard WLW-700 at high noon Cincy time in late July and WHAS-840 at high noon Louisville time in early August (WPT-ND in EDXR 9/6). I logged 14 newbies during this extra hot summer; who says you can't DX in midday in midsummer? All newbies at SSS except WCHV-1260 hrd while slogging NSPer WWBC had an unsked SP around 0300. As far as the convention in the land of fast horses, lovely women, and great bourbon whiskey, kudos to the Derbytowners who hosted it, Ted Fleischaker + Gary Atkins, Dick Truax, and Pat Kurlage. I saw many familiar faces such as the tan man Ernie Cooper, the DX-GTC hopping Don Erickson, fellow W.Cer Rich Segalas, local yokel Greg Monti, Walt Breville, John Clemmer (both seen at St Louis IRC last year), Jim Wallace and his lovely WIFE (not the rocker on 1310 from the city of fast cars, on which I went bonkers with the oldies while there for the Indy 500 in 1966, hi), Jeff Jaisun, and Gary Siegel from Glasstown (holy Toledo, hi). (I didn't see Jeff there-PRK). I finally met the high-rise EDXF Editor Paul Mount, also Mid-day DX Editor Gerry Thomas, Phil Boersma, Earl Carlson from BC, George Greene, and Ron Thompson. I can't remember the others who were there (my lousy memory, hi). On Friday night I walked into Indiana and back via the Clark bridge and came back to HQ via Muhammad Ali (local yokel Cassius Clay) Blvd, (formerly Walnut St) and on Sunday I hoofed it to Churchill Downs and back, going by way of Louisville Univ, home of the 1980 NCAA BKR Champions, then circumnavigating the outer fences of the racetrack (about two miles). (Did you hear WHAS at high noon there Bill, hi-PRK) before heading back to the Nyatt Regency Hotel for an all-you-can-eat brunch (75 minutes of non stop eating; I should challenge Don Erickson to an eating contest, hi) (How about a spending contest at the auction - by the way where WERE you-PRK) I kept the Derbytown cabbies happy, from the Nyatt Regency to WCNT via I-64, giving up the money to save time, hi. A week before the convention I week-ended in Dewey Beach, DE on the Big Pond (explaining WPT-DE in 9/6 EDXR). COM 14. 73's from Bill T.

GREG MONTI 1110 Fidler Lane #1424 Silver Spring MD 20910

I barely recovered from my July vacation when I took a few more vacation days for a four-day weekend in somewhat dug-up downtown Louisville KY, where Ted Fleischaker was again hosting a DX convention. There were people from so many clubs there, it was hard to say which club's convention it was, hi! Ted always makes sure we get the best hotels and eat at the best restaurants in any case. Didn't bring a receiver along, but got in quite a bit of listening along the way since I drove. Thirteen hours in a VW beetle with the heat stuck on, on the driver's side is not the way to go, folks. I believe the farthest IRCar to make the convo was Sen Franciscan Rich Segalas. Ted had hoped on more Canadians showing, but some were unable to make it. Highlights of the convention included the WHAS/WAXZ tour, among others, sitting in the Jacuzzi all night, losing one's lunch in the high-acceleration elevators (or just riding up and down in them all night, hi), the fire drill at 4:45 on Sunday morning, and watching Ted do the stock report on WGBL. Then, of course, there was the Frenchman who didn't attend, but called us up on Friday morning to be picked up at the bus station! The IRCA softball game was somewhat of a bust with the wet weather, but the trip to Shelbyville KY was certainly worth it for the Kentucky food, WCND tour, and WHAS transmitter site I'd say. Some scenes to think that Rich brought the rain with him for some reason... Kudos to the Flywheel for a great weekend. 73's.

GERRY THOMAS P.O. Box 2036 Bensacola FL 32503 (904) 432-8205

Hi all. The IRCA convention in Louisville a couple of weeks back was a very enjoyable event even though a cold and fever cut my socializing way back (I hope I didn't infect anyone). Still, it was good seeing friends and making some new ones. Many thanks to Ted, as official host, and to Gary, Dick, Pat, Joan, et al for helping out. (How did your wife like the long loaf you brought home-PRK) Other matters... After agonizing over the purchase of a new (i.e. additional) rx this summer, I came to the (cont'd)

realization that my "ideal" rx does not exist (at a price I can afford, at least). I came within a whisker of buying the new IRD-515 but backed out when I learned that the passband tuning system isn't functional in the AM mode. To shorten a long story, I bought a second-hand SFR-4 to keep myself amused for a while. It's a little more sensitive than my modified FRG-7, but its stock selectivity falls far short. Now I hear that Yaesu is coming out with an upgraded (i.e. variable selectivity, etc) FRG-7000... FRG-7000... I feel that itch again. On the local radio scene, WFAA-790 has abandoned the total C & W concept and now says, "We Program For All" (and satisfy no one, in my opinion). The incongruence of hearing Chuck Mangione, Gene Autry, Ali Thompson, Conway Twitty, and Elton John back-to-back can be dizzying! Also, WPCY-1360 out of Mobile, AL is now "Kewstalk 13". Can't think of anything else at the moment, so 73's.

BILL WURTZEL 32 W 31st St. New York, NY 10001 (2 Forums combined)

At a beverage antenna party - with Bill and Nancy Hardy  
Mount St. Helen's ash fell on our wires  
There was a rumbling under the earth - We heard WFAF Fort Worth  
The night sky was lit up with bright fires

As a dust cloud went cross country - We picked up WABC  
We were surrounded by a hot lava flow  
Our radios started melting down - all us DXers wore a frown  
Not one of us had a fireproof radio

As the ashes settled on us - we all began to cough  
Some of the guys started to cuss - It was hard to wipe off  
But at least we heard the East Coast - Despite the volcanoes blast  
That big eruption burnt our roast - But those are memories of the past!

I received a cool reception at the IRCA Convention - buckets of ice.  
I want to thank Paul Mount for taking me along as his travelling companion  
all the way to Parkersburg, W Va. (Thank you - see my Forum-ERM) There I  
called up and met Randall Clark who gave me a packet of promo items for  
Paul. Go get 'em, you collectors. 73.

BRIEST R. COOPER 15 Anthony Street Provincetown, MA 02657 Aug 26

I managed to get to two conventions this summer: the WTFDA's in Lun-  
kirk NY and the IRCA's in Louisville, in the Hyatt Regency Hotel, across  
the street from a fine porno bookstore, hi. The IRCA's was the more en-  
joyable, for it went places and did things, whereas the WF group stayed  
put for the whole rainy weekend. The Hyatt Regency is a beautiful place,  
even if they did wake us up at 4:45 a.m. on Sunday morning with a "fire  
drill". Turned out it was a malfunctioning gadget somewhere, and no fire,  
happily. As for DX, I've finally logged something new this summer, on  
Monday August 25, the new r/c-TT of WYPC-1530, McConnellsburg PA, 2:30-  
2:41 end. They use SIDs during the TT for IAs - odd. And, on 860, there  
is a newie which seems to be using Papiamento, for talk and much USA rock  
music. They had a strong signal on Wed AM 8/27, but of course, faded at  
1D times. They s/off precisely at 3 am with an SID-slogan ID, and that  
is all. WJAR has left 920 for evidently the greener pastures of FK(93.3)  
and 920 in Providence is now WJJJ, with WHIM still on 1110 w/CSW mx. I  
thought WHIM was to take over the 920 spot?? Provincetown has been gran-  
ted a CP for a non-commercial all-volunteer-operated FMer with 1 kw on  
91.9; and another new localish FMer will soon turn up on 92.7 on Martha's  
Vineyard, in Vineyard Haven - they have a six-month "trial" CP - I've ne-  
ver heard of such before - anybody else? We could have next year's IRCA  
convention here in Provincetown - that is, if you don't mind paying \$60 a  
night for a room at the Provincetown Inn! I kid you not! C U N 14.

JOHN CLEMMER 2937 W. Gilbert Peoria IL 61604

I had a great time at Louisville. It was a lot of fun to see every-  
one again. I arrived late Friday nite around midnight. Saturday inclu-  
ded the tour of WCND 940 and Gary Siegel, Frank Merrill, and I walked  
around Shelbyville after the tour. Back to the hotel in the afternoon;  
later the banquet and business meeting were held. The auction w/Ted as MC  
was the highlight of the convention! I didn't spend much but I did manage

(Clemmer, cont'd) to trade Gary Siegel for the WJAZ T-shirt he bought. I stayed up late and traded stickers and was just about asleep when the fire alarm went off at 4:45am. It created a lot of excitement. On Sunday, a bunch of us including Don Erickson at at Steak 'n' Shake. I left about 5pm and returned home. On the way I visited DXers Eric Loy and Pat Mason of Mahomet IL. It was a great trip. The big news here is that I landed a job after looking since my May graduation. I'll be working for the IL Farm Bureau at Lacon, about 25 miles North of here). The position is that of Office Manager. So I'll probably be moving sometime to the north part of Peoria or to Chillicothe IL. Look for an address change. All mail to 2937 will reach me with no problem since it is my parents' house. One new catch: WJAZ 1370 at s/off on 9/13. Local WPRC was off. I'll be looking forward to next yr's convention. Think Calgary! Did everybody's Sept 6<sup>th</sup> DX have 13¢ postage due? Mine did. Good DX and 73. (Congrats on getting a job, John. Will you start totals over again?)

PAUL MOUNT 471 Emerson Avenue Teaneck NJ 07666 (Long winded conv. report)

I couldn't find any riders to Louisville, so Bill Wurtzel did me the favor of riding along to Parkersburg WV and sharing gas costs, then paying the same Ameripass price as he would have in NYC. Sorry we didn't see you longer in Louisville Bill, more about this later possibly. On the way we noted WJAZ-920 off the air at 0715 but back by Sunday. Also WJAZ-1260 was off the air thru at least Labor Day. I had to go to Nelsonville (one of my other homes) to clean out a closet full of stuff left in June (including lots of auction items), call Darlene who sent her greetings but didn't come along, and then high-tail it to Louisville via Lancaster, Circleville (US22) and Cincinnati. It rained most of the way to and from Louisville. Arrived around 9:30 pm to a room of mostly familiar faces. The Hyatt Regency is a very attractive hotel. The rooms are arranged in a square with opposite doors facing each other, and open area in the center on each of 18 floors. In that open area are 5 elevators with glass windows, so you could see half of the people out in the hallways as you went up. There was a visit to the pool, around midnight I believe. My roommate was Dave Whatmough of Hamilton OH. Missed WFT Saturday morning, so I rode out to Shelbyville with fellow new wave fans Brian Carlson (who drove from BC) and Phil Boersma. WJAZ's studio is right in downtown Shelbyville and we barely all fit in the building. John Sally and I went for a walk and when we got back everyone had left and we had to hitchhike towards the restaurant. Fortunately a Mr. Fleischaker was driving one of the cars that came by and we squeezed in. I enjoyed the Hot Brown lunch the most of all meals. But the restaurant figured a 15% tip into each person's bill, which met with resentment from some of the diners. Over to Chenoweth Park following George Greene's car, we found neither a softball game nor a WJAZ tower, and settled for a GREY Frisbee game on the wet grass. Back to the hotel to prepare auction items (I usually bring 2 boxes full of stuff to sell) and then the banquet. The business meeting followed, conducted by Rich Segalas and assisted by Gerry Thomas and myself. Several reports were missing and we don't know yet who won the contests. My favorite event, the auction was next, and again this year I taped it and part of the business meeting. If you'd like to hear some or all of it, send up to a 120 minute cassette and I'd be happy to send a dub to you. Lots of new Electronics books in boxes were donated, selling for far less than list price, mostly to DDE who would outbid at two or five dollars for almost anything. We also found out another meaning for IRC and saw several T-Shirts go for twice their list price. I was disappointed at the small number of people who bought anything or even bid; I put a lot of time into preparing some of my donations like WJAZ and WJAZ packages and little interest was shown despite the many promo item collectors present. Or maybe Don was too intimidating. WJAZ: I bought your tubes. After the auction I walked around downtown a bit and then went for a ride, much to the amusement of Gary Siegel and bewilderment of Greg Monti, Earl Carlson, George Greene, and others sitting in warm water. You'll probably hear about this elsewhere too, hi. Okies Frank Merrill and John Sally accompanied me on this ride. I was asleep at about 4:50 am when I heard an announcement saying "There is an emergency in the building, stay in your room" and at that hour I sure wasn't going anywhere else or about to. "ot till donuts in the meeting room Sunday morning at a decent hour did I find out what happened. Left at 1:30 via I-64 to I-79 to US-48 to I-70 to PA Tpk to US 22 and I-80, sleeping here and there and getting to work at 12:30<sup>pm</sup> Monday. Had a great time despite not being there as long as I'd wanted. Those who don't attend, attend a convention for a great weekend! Also went to the HEADS convention in Waterbury CT 9/6-7, giving out IRCA information. Saw IRCA members Bill Wurtzel, Brian Cartwright, and Don Moore there. FIN73.



"Night Bandcan from Bar Harbor ME" on 13 Aug 1980, starting on 531 kHz at 11p EDT and finishing on 1610 kHz at midnight EDT. RX used:TRF. Cx were normal summer shortsip; luckily T-storm QRM was only slight. Algeria o/beacons 531 CBT 540 at 11p s/off o/Libya 539 het CQIB 550 o/hefty Algeria 549 het WGAR o/unID 560 WKCA o/WSYR 570 (CJEM had been a-top earlier) WTAG/CHLC 580 WNEI/VOCK 590 WICC o/unID 600 CHHC 610 WLBZ 620 o/621 het CJLT/CFDY 630 weak LA's 640 (CEN had dominated before its s/off) WSM 650 WNBC 660 WMAQ o/CHYQ 670 WREO 680 way o/others CBF-690 WLV o/ROCK-700 WCR 710 WGN o/CKCH 720 GKAC 730 CBL 740 WSB o/YVKS 750 WJR 760 WABC 770 WBBM 780 WEAH 790 CHHC o/EJZ/CHAD 800 CJVA/WGY 810 weak LA 830 WIAS 840 WRHH way o/CKVL 850 CJBC 860 WVL o/LA 870 WCBS 880 WLS 890 o/strong 891 het CKTS/CHL 900 CIRE/unID 910 CJCH/CFBE/WJAR 920 CFEC 930 CFM o/Reloj Cuban 940 mess/WPEH/WAGW/CHER/WIBX) 950 CHNS 960 WOSH o/CKCH 970 CV o/Reloj Cuban 980 990 vacant;CEY had dominated before s/off WCFI o/LA 1000 WINS o/CFRB 1010 KDKA o/YVRS 1020 WZB 1030 weak WFO o/LA growl 1040 WFN o/CHUM 1050 CJRP o/KYV 1060 YVMA/EJAG 1070 (CEAoff) WTIC 1080 WBAL 1090 WWSB o/HJAT 1100 WPT o/LA-1110(CRD had dominated before s/off KRCX 1120 WNEW 1130 WYVA/CJTR 1140 CHSJ 1150 LA in noise 1160 WYVA 1170 WMAH 1180 WQWG 1190(ETH off) WCAI o/LAS 1200 France (CG) 1206 WCAU 1210 CKCW o/WGAR/CKSM 1220 mess 1230 mess 1240 WJPR/2 others 1250 WREZ o/CIHI 1260 St. Kitts 1265 CJCR/others 1270 CJMS/WABK 1280 CHRM 1290 WAVZ/WFRE/unID 1300 WLOB/2 others 1310 het 1314 mess 1320 WLLW/CKLD 1330 mess 1340 WUIS/FPC 1350 CJVL o/WDR 1360 WPEA/CFWL-1370(local WDEA off) CFDA o/WAWZ 1380 (WAWZ is off - WBNX broadcasts at 2300-PRM) WEGP/others 1390 mess 1400 WTOP o/CIGG 1410 CJMT/WBSK 1420 W. Germany 1422 WJJR/WENE 1430 CFGC/WPTQ 1440 mess 1450 CKRE/WOKO/others 1460 WLAZ/CKO 1470 CHRD/WSAR 1480 mess 1490 WTOP 1500 CJRS/WITS 1510 WZBW 1520 WCKY 1530 o/unID TTer WPTRO/KXEL 1540 CBE 1550 1560 vacant, usual WQXR off (before midnight??-PRM) CKLW 1570 CBJ 1580 WEGI 1590 at midnight s/off, well o/WQQW/WSHE WUNRo/unID C&W 1600 hum-modulated carrier(strong) 1610 As the new DX season starts, let's have the best turnout ever, for both the international and domestic DX columns. Good luck and may there be many exotic catches for all of you.

DAVE VLOIS 190 E. McDonel - EBN East Lansing MI 517-353-1039 Sep 6

Please note new address to be in effect by the time you read this. DX has picked up noticeably since mid-August, when I got back from a summer job (don't listen to Kiel Wolfish, camp counselors really do work, hi) and there was no time for DX w/ky 6 am s/ons. I've been spending some time on GY's with mixed success, still can't get into MI for some reason. No good LA openings yet, although TA hets are noted on the TRF almost nightly. ECers with quality RXs should be faring well. Now to quickly get back to school and verify WCFI before it's too late, hi. (I missed my chance on WJAR as they went to WHJJ on 8/12 or 13). 73

CHARLES A TAYLOR Box 1226 FPO New York NY 09560 (Naval Air Station Bermuda) EC9 293 1435 (home)

I will not have submitted an annual report in time for the Louisville IRCA convention, as Father Jack's advisory letter came in too late (our Fleet Post Office at the Naval Air Station sent it to the Annex at the other end of the island, it was sent back, and then went into Ground Electronics Maintenance Department's box (1227) and rested at Ground Elec. for a while before my boss passed it to me). Anyway, as one and only member of the IRCA Countries List Committee, I'm supposed to submit an annual report. As you know (if you know), I recently had the 1980 IRCA Countries List published in DXE. My plans are now to continue to update the Countries List for the 1981 volume. One possible project for the future is to write an article for DXE explaining the reasoning for determining what a radio country is, and why. Why is/was Philippines treated as a single radio country while Indonesia is/was counted as several (as was Malaysia)? Why is the US Naval Base at Guantanamo Bay, Cuba counted as a separate radio country, while Naval Air Station Bermuda, for example, not counted? These and other vital questions that have driven mankind since the beginning of time will be answered in my proposed article if enough people (including myself) get interested enough. We hope to move to another apartment in the next few weeks, and a QRM-free environment won't be a prime determinant for our acceptance of a new apartment. The housing situation here is tight. The severity of our situation has now increased, as our landlord/landlady's son lets us listen to his new stereo upstairs, anytime, whether we want to or not. 73 from Charlie.

# Louisville

WHAT DO YOU MEAN YOU MISSED LOUISVILLE? OR WHAT DOES ERNIE COOPER LOOK LIKE IN A NIGHT SHIRT?

If you don't know the answers to these, and other equally silly questions, you obviously were NOT in Louisville, the weekend of August 15th for the 1980 IRCA Convention. Not only was a good time had by all (we hope!) but there were a lot of memorable sights, sounds and scenes....or who can forget:

--The fire alarm system going off in the Hyatt Regency at 4:50 a.m. Sunday. Afterall, there is something funny about having a man's voice tell you out of an unseen speaker to flee for your life from a fire that isn't!

--Dave Whatmough trying to get back into his locked car. Even the AAA and police gave up on poor Dave, but thanks to Rich Segalas, with some help from Greg Monti's flashlight, Dave got going about three hours late!

--A certain IRCAer (we'll leave the name out, but he KNOWS who he is!) arriving for the WCND tour in Shelbyville via taxicab! We know it was only 30 miles, but we hope he remembered to tip generously!

--Don Erickson eating a half of a pizza, submarine sandwich, a basket of crackers and spumoni ice cream all at the same meal (and he didn't even get a stomach ache! Don--ever considered leaving your body to science?)

--Losing a certain Marc Kulbacki during the WHAS tour. Fortunately, they found him--but Marc, you were found in TV--this IS supposed to be a RADIO club, you know!

--Ted's great instructions as to where the softball game would be played. Those who ended up where we told them to go saw the WAKY tower and not WHAS and since it was raining, we didn't get to play anyway, but remember gang that nobody's perfect!

--The late-night party in the Hyatt's hot tub--thanks especially to the Erickson swimsuit rental corporation for helping those less fortunate get to take part!

--The remark by Sandy Wallace (wife of IRCAer Jim Wallace) that she's seen enough radio stations to last a lifetime--But Sandy, since you work in the business, isn't this supposed to be a busman's holiday?

--The fact that I felt like a real idol of waiters and waitresses, that was until I discovered they chased me to give me back things we'd left on the tables. At least Ernie got his glasses and Rich Segalas his camera.

--Thierry Vautrin (Who was last heard from at the bus station and never ever seen!)

--Greg Monti saluting at 4:50 a.m., when I shouted "Attention Stations!" during the fire drill.

--John Clemmer trying to hide his cut forehead with some hair (John, if it's that bad now, just wait until you're 50!)

--A certain trio who are soon to begin an elevator-riding club. Dues will be \$10 per year and you'll have to prove you can ride the Hyatt elevators for 2 hours non-stop. For information, contact Paul Mount or Gary Siegel.

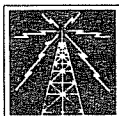
--The fact that this was one of the fastest weekends in history.

--The look on George Greene's face when he was given a case of soft drinks. Bet he thought he'd have to pay, but that's another story...

--The looks Rich Segalas and Ted got in the Hyatt lobby in swimsuits at 1:15 a.m. Friday.

42 -The fun we all had. continued on pg. 47.

# WESTERN DX FORUM



Editor: Ric Heald  
1058 Sanchez Street  
San Francisco, CA 94114 USA  
Telephone: (415) 821-0447

1980 Deadlines—26 August, 10 & 24 September, 01 October

Thereafter—Weekly, every Wednesday through 18 March 1981

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TODD SKAINE, 2215 CLAY ST., CEDAR FALLS, IA 50613 - 09 Sep 1980

Long time, no forum. How's DX? Mine's great! A couple months ago I found an area to null KXEL 1540 on electric power. I've heard a few stations from that advantage.

Just last week I found a way to null the super-pest of the area, KWVL 1330. Stations heard in KXEL and KWVL's null include KMAQ 1320, WFHR 1320, KNIA 1320, KWHL 1350, WPDR 1530, KDSN 1550 (my most wanted Iowa station), WJIL 1550 and KJNG 1560. The last one heard on SSS.

Sunset DX has been quite good lately with several new additions including my most wanted from Wisconsin, WISV 1360.

Was able to do some sunrise DX, a rarity for me. Added four more stations to my log as a result. This was before local KNWS 1090 signed on. Stations included WPOX 1080; WAQE, WGLC, KTGO 1090. I heard KTGO around 0720 on 02 September. Does KTGO use a PSA around that time? (Their PSA is listed as the same power as regular schedule; 250 watts-Rth). My totals are now up to 661.

Just last night when KCFI 1250 switched to their night pattern, they didn't come back on the air! (Wish a few locals here would develop that kind of pattern, hi-Rth). So I listened to 1240 and while listening to KBIZ Ottumwa, I heard the Cubs/Cardinals game on the Cubs network. There is no listing in the IRCA Almanac for a Cubs' station on 1240. Ideas anyone? I'm sure it was Illinois or Indiana.

Spent a week in Grand Island during early August. Did some FM DX while there netting quite a few good stations. Before leaving I did manage to log KULY 1420 around 0700 18 August with local KRGI 1430 off the air due to a bunch of problems. Well, have fun DX'ing and 73 de FTS. (Always good to get forums from you Todd, no matter how infrequently. But please remember your editor's poor ole eyes and double space-Rth).

ERIC COOPER, 24191 SPARTAN, MISSION VIEJO, CA 92691 - 10 September 1980

Hi! My name is Eric Cooper and this is my first forum. I'm 24, just started BCB DX'ing again after a long absence.

I am receiving training in computer programming at the Rehabilitation Institute of Orange County sponsored by Easter Seals.

In addition to DX, I am an avid old radio fan and collector. If there's anyone else out there with this interest, let's get acquainted.

If you live within reach of KFBK 1530 (and most people in the West do), they have dropped news/talk at night in favor of radio drama and comedy Tuesday to Friday: 6.30pm comedy, 7.00pm mysteries, 7.30 adventure/westerns, 8.06 Mutual Theatre, 9.06 CBS Mystery Theatre, followed by Roy Masters and Herbert W. Armstrong.

Shocked by the news of KHJ 930 going country--they've been Top 40 for 16 years!

DX activity low here right now. Oh, by the way my receiver is a Sony ICF 5900W and am using the built-in ferrite rod pending construction of the IRCA spiral loop. (No, no, no, Eric. That went out with white shoes and Edsels, hi. Build instead the IRCA Wedge loop--new and improved type loop--plans from HQ in Seattle-Rth). 73 to all. (Welcome back Eric, and please contribute as often as possible-Rth).

BILL HARMS, UNIVERSITY STATION, P.O. BOX 7428, PROVO, UT - 11 Sep 1980

TP DX has really picked up lately. This morning, 11 September, the band was crawling with signals. Japan on 531, 666, 693, 702, 747, 774, 828, 837, 873, 891, 1008, 1017, 1053 and 1242. All with decent audio and a few hets. South Korea was noticed on 756 for the first time. Also on 891, 837, 1143. The signal was so strong it knocked me over.

A report is off to HLAZ 1566. They were stronger than the bunch on 1570

and could be heard on my TRF with out the loop. They are almost without a doubt the best best for South Korea and for a high band TP. I've heard them in every month but June. Ric, how well do you hear them? (You just brought a chorus of laughter from around the Bay Area. What's a TP? hi-RtH).

Yanbian PBS 1206 made their first appearance of the season last week and this morning they were as strong as I have ever heard them. China on 1044 was bombing in like gangbusters with their JJ foreign service. All in all it looks like a fairly decent TP season (at least better than last year. (I hope so. Really Bill, we in the Bay Area are all wondering where the TPs have gone to. They've only been heard from Ft. Reyes at the Beverage Party, . . .as far as I know-RtH).

DUs haven't been very good, only three or four lately. I guess Provo is not like Seaside, Oregon, hi.

Ric, I like the new format with the way you indent every thought; it makes for better reading. I think you are doing a fine job. (Thanks, Bill. Indentations, better known as paragraphs, are more magazine style. Is that why you left new paragraphs in your forum up to my discretion?-hi-RtH).

It only takes a couple of minutes to write something to send to Ric and it would make the DXM more interesting than it is already if more of us reported to Ric or in the East, EDXF and the other columns. Besides that, Ric doesn't mind typing a lot; do you Ric? (Of course not, not when a cute Raiderette--never mind the Dallas Cowgirls--takes dictation, hi-RtH).

Enough of my spouting off. 73 and see you in 7 de WJH.

ROB HARRINGTON, 3181 S. YORK ST., ENGLEWOOD, CO 80110 (303) 781-1185  
1900 to 2300 PLT - 12 September 1980

Hello again DX'ers. I now have more information regarding the station located in Buena Vista, Colorado. The station, KJAE, broadcasts on 530 kHz with a power of 20 watts. Address: Box 1806 Buena Vista, CO 81211. With a limited power the station covers only about half the community, according to station owner and DX'er Eric Fithian. Eric says the station operates only a few days a week; Friday, Saturday and Sunday from 5-11 pm MLT. Programming consists of rock and country.

There is also a telephone number for listeners to call: (303) 395-6736. KJAE is listed in the local telephone book. Wow! I hope he knows what he's doing.

KJAE said they will verify any correct reports for any DX'er who hears the station. So here's a pirate station that's on 530 that is broadcasting from Colorado. Has anyone heard this station yet? 73.

MIKE BITTNER, 221 36th ST., MANHATTAN BEACH, CA 90266 - 12 September 1980

Osaka 828 and Sapporo 747 were heard with good audio this morning for the first time ever from this QTH. The former until sunrise fadeout and the latter until obliterated by splash from KBRT 740 s/on at 0630 PLT. KIKI 830 coming in like a low-power local. Have a feeling that we are headed for a great DX season this fall, winter and spring.

DX activities this summer were limited to attending the ANARC and NRC conventions (Don Erickson actually let me outbid him on one auction item at each) (How much did he let you get stung for? Hi-RtH) and bandscans from Oshkosh, Wisconsin; and Bermuda.

Oshkosh is the annual site of the Experimental Aircraft Association (EAA) convention. About 50,000 people per day for the daily airshows during the first week of August, with peak estimated at 220,000 on Sunday 03 August. Locals WYTL and WAGO had trailer/van studios on the convention grounds and provided convention coverage along with their regular programming. Also gave out bumper stickers and other goodies.

Severe thunder and lightning limited DX to locals, the usual clears and static. New to me was hearing loud, clear atmospheric whistlers on BCB. Sounded like a descending glissando of broad-band pulses following each strong local lightning stroke. Covered the entire dial.

Next stop after Oshkosh was one week in Bermuda. All travel was free courtesy of American Airlines (see my forum, 17 May 1980, DXM). Outstanding DX there although limited by the lack of a good DX radio. I did ID 65 stations from 19 states and seven countries plus 18 unID'ed. Only TAs heard were on longwave. Log has been sent to bp for possible publication.

Best part of the trip was a visit to the studios of Zed-F-B. Hip DJ Mr. Lee Harvey who is also assistant station manager put me on the air for a few seconds while I played the part of your standard Yankee tourist. More next time. 73 de Mike.

KEN WATERS, 1136 HERVEY DR., COLLEGE STATION, TX 77840 - 13 September 1980

Although I have been a member for a few months now, this is my first contribution to the DX Monitor; therefore, I will introduce myself. I am 24, single, and employed as an Air Force weather officer (2LT) and am currently studying at Texas A&M University courtesy of Uncle Sam.

My interest in DX'ing goes back 12 years although only in the last three years have I had decent radio equipment, which consists of a Sony ICF-6700W, an RS TRF (unmodified) and a Radio Shack DX-160. I have tried my hand at building a loop but have only had limited results.

Because of the large thunderstorm activity I have not had much success this summer. I can receive many Central American and South America stations here, but my real interest is Pacific DX'ing.

I should have a little bit more chance for the Pacific after this year because I will be sent to Okinawa in January, hi. Does anyone know which column I should send reports to from Okinawa? (Right here to WDXF, Ken, just as Mike Hardester did a couple years ago when he was stationed there with the Navy--will be looking forward to Okinawa reports again-Rth). Anyway, I will keep trying to hear Hawaii from here until then. In the nine months I have been here in Texas, I have received 33 states and 14 countries including Chile and Colombia.

I still have not had a chance to meet anyone else in the club personally, but I am looking forward to the opportunity to do so. I expect to start reporting this month. Sayonara and 73. (Welcome to the "blue pages" of DXM, Ken. Please keep the forums comin' this way as often as you can--great to get reports from Texas, and soon Okinawa-Rth).

GARY LARSON, 2806 LINCOLN, BURBANK, CA 91504 (213) 843-3098 - 14 Sep 1980

Looks like Los Angeles now has an AM/FM C&W again--KZLA. I learned of the new format on an old-time radio program on a local FM'er. Immediately I tuned in the FM side of KZLA, then to 1540 on AM; it certainly is C&W. Next month KHJ 930 is due to change over to Country.

Many people already know KIIS 1150 is religious but not certain if their new call is KPRC or KPRZ. (Gary, where have you been all summer? Broadcast Info, June and Aug; WDXR, July and 06 Sep have correct calls--latter under listing for KBAI-Rth). I'm glad there's a stereo country on FM as well as AM.

In the programming and DJ department; I really enjoy the program, Carry's Country Store 2300-0000 PLT on Sunday carried by KGIL 1260. They are currently playing the Bob Wills story. Beau Reyes is now afternoons on KERN 1410 Bakersfield, coming from KUTY 1470. The latter has moved to a building on 6th Street E, Palmdale, CA. The air name of Dave Tuckmantel (KSXO 600 Redding) is Kamper. He's on the air Tuesday to Saturday. Not sure now if Paul Madrid is still with KZLA. One phone number for KZLA is (213) 520-1526. The other is (213) 520-9436. These were on a promo item KZLA had called a "Gold Card."

Just discovered a couple days ago that Burns International for whom I work has ON Sub. TV (??-Rth), Glendale as an account. Wish a local AM would have security coverage with Burns so that maybe I could work the midnight shift.

73 from here where it seems, at times, like winter is on its way.

MARK LEWIS, 333 N. RENGSTORFF #11, MOUNTAIN VIEW, CA 94043 - 14 Sep 1980

Howdy again to all IRCAnauts and other interested (hi) individuals. I liked seeing my name in print, so I thought I'd write again, hi.

I just finished the paperwork from a busy SM, which yielded my first really good catch of the season, CBL 740 Toronto. I say "really good" because as far as I know, Bob Wien hasn't heard this one, hi. Everytime I catch a new station, it turns out to be one of his pests! (Mark, you might tell RW that CBL is a pest, hi, hi-Rth).

Other recent catches here on the WC include WCBS, WNBC, KDKA, KFAR and KOOK. Veries include WCKY (see WDXR Vol. 18 No. 1), KDKA, KFAR. Also, here is a good tip: If you've tried for squeeze a verie from KJJJ and couldn't, try again now. They've got a new CE, Walt Ellis; he answered my follow up.

Add to my list of penpals John Sullivan in Raleigh, North Carolina. That makes two, hi.

Does anyone out there give names to their homemade antennas. (Certainly, but mine seem to all be expletives, hi. You might ask Kaskey about the ERBA loops--if he can remember, hi-Rth). Well, I did. I named my three-foot loop Frazoid. Why not? It has a mind of its own, so why not a name? Frazoid is a Jewish name. (Yes I am, so I can say that, hi).

By the time you read this, I will have celebrated my 17th birthday. Well, 73 and good DX. (Happy Birthday, etc-Rth).

STEVE MITTMAN, 2248 W. 37th ST., SAN PEDRO, CA 90732 - 20 September 1980

In the past couple weeks Los Angeles stations have been changing formats so fast, it scarcely seems like the same market. As was mentioned by Gary Larson, 93 KHJ is scheduled to go Country sometime in October. KHJ practically invented Top 40 radio back in the early '60s, (Practically--KFWB in the late '50s-Rth), and until recently has always been extremely popular and successful. But for the last couple of years, with the growing popularity of FM (not to mention that KFI and KTNQ (KGBS) also went Top 40), their ratings have been steadily declining. Interestingly, only a couple months ago a Los Angeles Times columnist said that it was being rumored that KHJ might be going Country soon, but KHJ vehemently denied it. Then on Monday, 15 September, about two weeks after the announcement was made, I tuned in KZLA-FM (which is // KZLA 1540), and lo and behold, they were Country. Apparently they changed sometime over the weekend to get the jump on KHJ! KZLA has also been having troubles lately. In the past few years they've gone from BFL (as KPOL) to (per their promos) "adult rock" to "rock music for 18-to-34-year-olds." Recently they also tried carrying Larry King, but dropped him shortly afterwards. So Los Angeles has now gone from having just one Country station (KLAC 570) to having four!

Coincidentally, just the night before I happened to notice that another long-time Rock station, KOMA 1520, has also switched to Country. But perhaps the biggest surprise of all is that long-time Beautiful music station XETRA 690 has gone Rock!! This was quite a surprise, and a friend of mine happened to hear the change over. It occurred at Noon PLT, Friday, 19 September. They played "Happy Trails to You," and then he said there was just silence. He waited a few minutes for the next song to come on, but it never did and got tired of waiting, so turned his radio off. A little while later he turned it back on and they were Rock! They are currently ID'ing as the "Mighty 6-90," and are asking listeners to call 1-(800) 522-1069 for suggestions as to how to "fine-tune" the format. The station will respond beginning 01 October.

With all these changes, not to mention KISS's recent switch to religion, this means that Los Angeles currently has only two AM Rock stations (KFI and the Mighty 6-90), and no AM BFL stations! (The only AM BFL station now in SoCal is KDB 1490 Santa Barbara. (Is KCHV 970 no longer BFL?-Rth.)

On another note, I caught KFI off the air Wednesday, 17 September, and later found out that a rat ran across their transformer. (Delivered by a competitor, no doubt, hi-Rth) Only thing new was KAVL 610 midday, though at SSS I had tried for KOH and KSXX on 630, but nothing there but KIDD/KHOW, and on 660 tried for WNBC, but nothing there but XERP. Also noticed an UNID SS u/WSM 650 at night. Ideas? (I've got XEZM and XETNT on 650, but nothing further south than those-Rth)

Finally, for those who might be interested, KFRE 940 is putting out a spur on 740 which is faintly audible on SM's w/KCBS OC. See WDXR for details. 73 de SMM.

RIC HEALD, 1058 SANCHEZ ST., SAN FRANCISCO, CA 94114 Tele-Forum: (415) Valencia 1-0447 to 2200 PLT and prepaid - 24 September 1980

Howdy y'all! My job search (radio) is beginning to pay off. Several interviews in the last couple weeks, mostly in the North Bay. It may mean a change of address for me in the near future; will keep everyone posted.

MM, 15 September, was outstanding! See WDXR for complete details. Chatted with Rich Toebe who had been DX'ing at virtually the same time. We agreed it was the finest EC opening in months. But as I pointed out to Rich, what I now consider outstanding was only average to mediocre back in the mid-'60s. Best of all, 710 was completely clear, although KMPC unwisely decided to s/on at 0200 PLT, hi. WHB was in there as well as a SS, but deep under was a talk show (interview) that constantly mentioned Sampson's in New York, a warehouse-type supermarket. I'm hoping and praying that it was WOR; the other NYC clears were in, even WABC behind KOB. A very tentative report was sent, asking them to please acknowledge or decline so that I might write to one other possibility. Anyone else hear this? Was at 0105 PLT. Also, locals KFRC and KRE were off. The latter probably because KFRC was testing and needed KRE off the tower (they share).

Some interesting changes in radio down in the Southland. I fully believe the big country-wide switch to Country is a direct result of the absolute pile of compost being passed off as Rock. People are more than ready for decent music. Also, BFL doesn't really belong on AM (or FM). Confine to elevators and doctor offices, hi. Steve, of the nine Bay Area counties, only two BFLs (KABL and KKIS) are on AM, but six or seven are on FM

In the rumor department the "new" KIQI IDs as "Radio diez-diez" and when they move operation to Hayward will beam their signal to the southwest, pre-

sumably to compete with the majority of the Bay Area's SS stations, KOFY, KNNTA and KAZA. Makes sense, the largest number of SS people reside in the mid-East/West and South Bay Area. San Francisco/Oakland has only one SS outlet, on FM.

While up in Napa today (KVON) I noticed the distinct difference between a clean and dirty signal. You've all read my comment on KEST 1450. Well, from two miles away from KVON, with a TRF (hardly a fair comparison with a Hammarlund), KEST was 100% readable 10 kHz away, KNNTA/KJAY fought it out on 1430, and KSTN was not bothered in the least on 1420. I'm the same distance from KEST here at home, and 10 kHz each side of them is totally obliterated daytime, not much better 20 kHz away, and they're 1 kw compared to KVON's 5 kw.

Steve, one final comment: Remember when XETRA was "XTRA News?" I believe they were one of the pioneers in the all-news format. In fact, that's how San Francisco's KFAX got their calls. K-FAX (facts), as they came on with all-news shortly after XETRA did, but failed miserably, and several years went by until KCBS switched over from MoR to NWS.

A reminder that by the time this rag reaches you we will have gone weekly. And as in the past, if you wish to save postage, you may send two or three forums at one time to be run concurrently or in whatever order you wish. Just let me know. Remember, no timely information, please, that belongs in WDXR and DXWW anyway.

Looking forward to a great season ahead. Hope to hear from all of you in the next few issues. Speaking of which, JJ, RET, PM, et al, ¿donde está?

In closing, a nostalgia note. Remember when daytimers were allowed to s/on as early as 0400 local time with full power? And you heard them because a good many regional channels were relatively clear! See u in 7. 73 de Rth..

continued from pg. 42

A special note to thanks to all who did attend the convention, and also a note of public thanks to Gary Atkins for his help, to the Hyatt staff, which was great to all of us, to WCND's "Ranger Rick" who carried on in the great radio tradition in spite of having 30 DXers in his control room, to my folks who put up with piles of surveys and stickers in their dining room, basement and heaven knows where else for months, and last but not least to my co-workers at WUOL, who probably heard more about the convention in the first week after Louisville won it than they ever wanted to! Also, a special Thanks to Vince Staten for speaking (even about Cas Walker!) Those who made it this far were:

George Greene  
Ron Thompson\*  
Paul Mount  
Phil Boersma  
Erland Carlson+  
Walt Breville  
Steve Shaffer  
Frank Merrill  
Greg Monti  
Bill Townshend  
Rich Eddie  
Roger Giannini  
Rich Segalas  
Jim & Sandy Wallace  
Fred Schubert\*  
Gary Atkins  
Dave Peters  
Ken Chatterton  
Don Erickson  
Ernie Cooper  
Dave Whatmough  
John Clemmer  
Gary Siegel  
Steve Francis  
John Sally  
Dick Truax  
Gerry Thomas  
Marc Kulbacki



\* is a first-time convention attendee--welcome and we hope to see you often!  
+ Erland Carlson is by our maps the furthest person to get here for the convention--Far out, Erland!  
By the way, I was also there, and so was my good friend, Joan Brotzge.

*Jed.*

THE INTERNATIONAL RADIO CLUB OF AMERICA

A non-profit organization devoted to the hobby of listening to distant radio stations on the AM broadcast band (510 to 1630 kHz). IRCA is a member of ANARC, the Association of North American Radio Clubs.

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19

