



# DX MONITOR



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NO. 24

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MARCH 5, 1977

## DX CALENDAR DX CALENDAR

### DX CALENDAR

ELT

CJGX Sun.	3-13-77	0200-0400	CJGX- 940	Yorkton, SA	10kw
IRCA Mon.	3-14-77	0630-0655	WOI - 640	Ames, IA	5kw
NRC Mon.	3-21-77	0100-0230	WAKE-1500	Valparaiso, IN	1kw
NNRC		0200-0300	WIGM-1490	Medford, WI	1 7/8

CJGX-940 (10kw-U), no details available. Their address is Tower Theatre Building, 2nd Avenue, Yorkton, SA, Canada.  
 WOI-640 (5kw-D, L-KFI), no details available. Reports to Keith K. Ketcham, CE, WOI AM-FM-TV, Iowa State University, Ames, IA 50010. Arranged by Mike Sanburn.  
 WAKE-1500 (1kw-D) will have E-Z music, tones, and voice IDs. Will give a code word that will be necessary for a QSL. Calls OK but not collect to 219-462-6111. Reports to John Bowker, 304 Brandt Hall, Valparaiso, IN 46383. Arranged by John Bowker.  
 WIGM-1490 (1kw-D, 250w-N) might be on, but it's hard telling at this late date. Reports to Ray Bohnert, CE, P.O. Box 59, Medford, WI 54451. Arranged by George Davis III.

### FLASH TIPS

Don't forget gang. We're looking for another crew to run the bulletin after we give it up in a few months or so. We've had a nibble already, but don't let that stop you from at least thinking about it. The way things are developing, ye ed-in-chief will find it kind of hard to put the bulletin together from 2500 miles away.

From the Canadian International DX Club comes word of a North American DX Championship contest, open to members of ANARC affiliated clubs only. It will take place during April 1, 2, and 3, 1977, and will be to benefit HAP/CHAP. The first prize will be an SX-190 receiver, which was contributed to the CIDX by a member. For more information, write to: Pacific, Yukon, Alaska, Hawaii time zones - Lynn Campbell, 1971 Barsuda Dr., Mississauga, ON L5J 1V6. Mountain and Central time zones - Michael Bolitho, 106 Eastbourne Ave., Toronto, ON M5P 2G3. Atlantic and all non-Canada-U.S. - Morris Sorensen, Leaf Rapids, MB R0B 1W0. Eastern time zone - Brian Pimblett, 9 Grandin Place, St. Albert, AB T8N 1B5. This contest is sponsored by the CIDX, which is Canada's largest DX club.

## The Inside Story

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### NEW MEMBERS

from Phil Bytheway  
 William Hohnstein, 2735 South 19th Street, Lincoln, NE 68502  
 Douglas Feldman, 599 Wycoff Ave., Mahwah, NJ 07430  
 Jim Ayers, 2847 Woodside Drive, Jackson, MS 39212  
 Joseph D. Green, 3096 South 1730 East Street, Salt Lake City, UT 84106  
 Daisuke Kawaguchi, Uruichi 40-1, Hachinohe-shi, Aomori-ken, 031, JAPAN  
 Mark Bixby, 1627 Highland Drive, Newport Beach, CA 92660

### Address Changes:

Bruce McFadden, 6322 South Newport Ave., # 4, Tulsa, OK 74136  
 Michael A. Sapp, 1902 York Drive, Woodbridge, VA 22191  
 Mark West, 412 Gastineau Ave., # 52, Juneau, AK 99801  
 Mort Weehan, 7 Wilshire, Palm Springs, CA 92262

### Renewals:

James Hopkins, Adolph Rattay, Sidney Feldman, Harold A. Neimanis, Anthony R. Patik, Craig Healy, Richard Evans, Michael Wilson, Paul LaFreniere, Michael A. Sapp, Mark West, Garry C. Eckart, Rob Harrington, Rob Keeney, Bertram A. Podall, David Johnson, Fred McClelland, David J. Nelson, Mort Weehan, John Cieslewicz, Larry S. Godwin, Jerry Robertson, Dave Martin, Ronald J. Kusco, John Boyle, Brock H. Whaley, William Joseph, Bill Wittler, and... John Callarman.

Quite a few renewals there, I'm proud to say. I just hope that the trend continues and that IRCA keeps the support of all its members in the future. Don't forget the anniversary issue coming up in two issues. SPC would like to put out a 12 page bulletin with something from everyone in it. I even promise to contribute! We have a few surprises up our sleeves, so keep your eyes open.

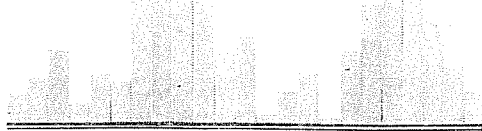
New Member Packet revision is coming along fine, and I expect to have it to the printer in a couple of weeks, if all goes well. It looks like I will be taking over reprints on a permanent basis starting 3/2, so expect a little more delay, but not much. Also, we've revised the reprint list again, and PF-4 will be available as soon as the New Member Packets are printed up. If you want a copy, shoot us a SASE and I'll send them out asap! Still plenty of FL-5's left, none of the information has leaked out of them as far as I know. If you're a beginning foreign DXer, I would recommend you get one. It's helped me!

You also might note that Bruce McFadden has changed addresses, so all you folks planning to send him a list of the radio stations in capital cities of the U.S. and Canada, take note. All Bruce needs is powers, schedules, formats, s/on, s/off times, and any other information you think would be valuable in helping a DXer hear the station. If you live near a capitol, or in one, it will only take a few minutes of your time to relay the information you are already familiar with to Bruce.

HQ members received their W2TH's on Friday 2/25, so I would expect that most IRCA members have received theirs by now. If not, be patient, because they're being sent book rate. It was such a thrill to get it after waiting so long, SPC almost didn't put the bulletin out that night, hi! Looks pretty good, though, and I think it will be a valuable asset to me in the forthcoming year.

I would like to take this opportunity to thank the members of SPC for the fine work that they have been doing the past year and a half to bring you, our members, a "DX Monitor" each issue, without fail. These people have helped cut costs by hand collating the bulletin each week, as well as folding, stapling, and stamping it. A big vote of thanks from me is extended to Jon Orren, Tim and Sue C'Hare, Gary Kayser, and Bruce and Evelyn Fortzer. A special thanks to Mike Worst, for countless hours of typing and glueing things together to put together "DX Monitor" each and every issue.

# Geomagnetic Indices



(Fredericksburg)

Date	A	K - indices	Date	A	K - indices
1/17	5	1-1-2-1-2-2-1-1	1/24	9	3-2-3-2-2-2-2-1
1/18	8	3-2-3-2-2-1-1-1	1/25	8	0-1-2-2-3-2-3-2
1/19	7	3-1-2-1-0-1-2-3	1/26	2	1-1-1-1-1-0-1-0
1/20	9	2-3-3-2-2-0-2-3	1/27	2	0-0-1-2-0-1-1-1
1/21	3	2-0-2-2-1-1-0-0	1/28	9	1-0-1-2-1-1-4-4
1/22	5	1-2-1-2-2-1-1-2	1/29	12	4-3-4-2-2-1-1-2
1/23	6	2-0-2-2-1-2-2-2	1/30	25	5-4-3-3-4-3-4-4

Date	A	K - indices	Date	A	K - indices
1/31	14	5-3-3-2-4-0-1-0	2/ 7	16	4-3-2-3-2-3-4-3
2/ 1	8	1-3-2-0-1-0-2-4	2/ 8	12	3-3-2-2-2-3-3-3
2/ 2	17	3-4-3-3-3-1-3-4	2/ 9	21	4-3-3-3-4-3-4-4
2/ 3	11	3-4-2-1-1-2-2-3	2/10	8	3-2-2-2-2-0-3
2/ 4	3	2-1-1-1-1-1-0-0	2/11	12	2-3-3-3-4-1-1-2
2/ 5	9	0-1-4-3-2-2-2-2	2/12	8	3-3-1-2-1-2-2-2
2/ 6	11	2-2-1-2-3-2-3-4	2/13	10	3-3-2-2-1-2-3-2

For those DXers who are confused as to what's being printed here, a good article to read is Auroral/Geomagnetic Activity & Its Effect on MW DX Reception by Gordon Nelson which is probably available as an IRCA reprint from HQ. It originally appeared in the IRCA FL Vol. 5.

## eastern dx roundup

Mike Mitock  
Box 533  
Lorain, OH 44052

DEADLINES: 3/7; 3/14; 3/28; 4/11; 4/25  
All Times in EDXR are Eastern Local!!!

- 540 WGTO FL, CYPRESS GARDENS 2/5 1805 c&w mx. s/off @ 1815. Fair sig, some WDAK inter. No biggie, but needed here. (DD-GA)
- 560 WIS SC, COLUMBIA 2/12 1104, NBC News, fol. by MoR & mild rock mx. Almost buried in afternoon noise. (DD-GA)
- 570 WAAX AL, GADSEN 2/8 1821 c&w mx w/Down-home type programming. Some WFAA QRM & fading. (DD-GA)
- 640 KFI CA, LOS ANGELES strong sig under even stronger Havana sig 2/12. Talk type show in progress 0144 w/mentions of the water shortage. Best ever in here. (GA-NC)  
+ Barely audible u/CMQ with call in show 0521 2/10. ID as "KFI, Los Angeles. The only radio station you'll ever need!" (MAS-VA)
- 690 KGGF KS, COFFEYVILLE Finally!! A subdued WAPE 2/12 allowed them in 0655 w/state nx 0659, sports scores & wx followed by live ID and into ABC Nx 0700. Central time given. Big APE finally wiped it out at 0707. (GA-NC)
- 740 KRMG OK, TULSA 0227 2/9 w/Lew Rawls song. All alone on freq. Good Strength. (MAS-VA)
- 770 WEW MO, ST. LOUIS 2/1 1757 w/nx read by OM, into ID, wx, TC (5:00 CST) and then back into MoR mx. In Poor-fair w/WABC QRM. Station has been heard on other evenings. (BS-ON)
- 790 WSGW MI, SAGINAW 2/1 1750 w/wx for Bay City-Saginaw and "Radio 79" ID. This thru local CHIC's OC (had audio difficulty). (BS-ON)
- 820 WBAP TX, FT. WORTH 0240 2/9 c&w mx. Coming in with a monstrous (???..mrm) signal the last few nights. (MAS-VA)
- 830 WNYC NY, NEW YORK 1845 2/9 just up for news then QRM took over. (MAS-VA)

- 840 WMOB AL, MOBILE 2/6 1730 rock mx, comm., events, etc. Light fading, but gen clear. (DD-GA)
  - 850 WYDE AL, BIRMINGHAM 1828 2/9 strong but faded out after a few minutes of rock music and commercials. (MAS-VA)
  - KOA CO, DENVER Caught s/off 0212 2/4, and then s/on 0700 2/15. (FAW-PA)
  - 910 WSBA PA, YORK 0258 2/10 just caught ID amongst jumble on freq. (MAS-VA)
  - 940 WMIX IL, MT. VERNON 0330 2/9 Beatles and Eagles music. Faded in and out. No sign of CBM. (MAS-VA)
  - 950 WKAZ WV, CHARLESTON 1818 2/9 top 40 mx. Very strong, then deep fades. (MAS-VA)
  - 1010 KLRA AR, LITTLE ROCK 1935 2/6 public affairs program on the aged. Above all others on freq. 0535 2/10 mixing w/WINS & CFRB. (MAS-VA)
  - 1030 KTWO WY, CASPER 2/7 0101. Heard WBZ s/off w/SSB, and just missed KTWO ID. Had to wade thru 30 mins of "Americas Promise". According to Pastor Emory, the communists control the weather!! This is state #33. Very good reception w/slight XEQR. (DD-GA)
  - 1070 WCIR WV, BECKLEY 0630 2/10 just heard ID in jumble on freq. WIBC dominating about 30% of time. (MAS-VA)
  - 1140 WIXC TN, FAYETTEVILLE 2/8 1724 rock mx w/ local and "Wixie" IDs. (DD-GA)
  - 1150 WABH VA, DEERFIELD 1045 2/10, rock mx, and very weak. (MAS-VA)
  - 1180 WLDS IL, JACKSONVILLE 2/5 1739 heard during outstanding Northern opening w/much local nx & nx related prgms. WRVA QRM & light fades. (DD-GA)
  - 1190 KLIF TX, DALLAS 2/5 1832 IDs as "Cliff 11-90", rock mx/ local & Natl ads, KLIF Contest ad. (DD-GA)
  - 1250 WDVA VA, DANVILLE 1935 2/8 Mutual Nx then faded out. (MAS-VA)
  - WTAE PA, PITTSBURGH 1940 2/8 call in show. Very strong to hardly readable. (MAS)
  - 1260 WPHB PA, PHILIPSBURG 2/10 1744 w/s/off, ment. returning to the air at 0600. Played SSB. In fair-good w/some WNDR QRM. (BS-ON)
  - 1320 WKTQ PA, PITTSBURGH 1925 2/8 Rock mx, ID as "13-Q". Dominating freq. at time. (MAS-VA)
  - 1420 ---- unID; C...Plessisville FQ? 2/3 1902-1905. Is this the new one w/CBC-FF Network Nx, then into what seemed to be local nx. Much CKFH, WHK QRM. No ID heard but other FF station, CJMT, on 1420 has their local CBJ carrying CBC FF nx, so probably the new one heard. (BS-ON)(BC Yearbook lists the call for Plessisville as CKTL..mrm)
  - 1550 WBSC SC, BENNETTSVILLE 2/5 1854 w/spot for mobile home mover w/phone #, back into mx. Bad CBE QRM. Best reception after daytimers s/off in east leaving WBSC during southern openings. (BS-ON)
  - 1570 WQTW PA, LATROBE Caught s/off at 1801, 2/8. (FAW-PA)
  - 1580 WANB PA, WAYNESBURG s/off 1800 2/8. (FAW-PA)
- FROM THE DX CALENDAR:
- 1380 WNRI RI, WOONSOCKET 2/13, tried, but not heard. (GT-FL)  
+ Would have liked this needed state, but couldn't raise the test 2/13, 0202-0226. Only conglomerates of WLCY, WTOB, WOAK and who knows who else. (GA-NC)
  - 1500 WKXO KY, BERE A unique and entertaining test in good except for bad WLAC sloop 2/14 0001-0039. Code IDs, tones, bagpipe and other inst. type mx. Lots of specific info as to transmitter location etc. Even on air calls from listeners, such as Bill Coleman. Great 250 watt signal! (GA-NC)  
+ 2/14, hrd w/mostly wk sig from 0001-0047. IDs, code, bagpipe mx, callers, etc. Much QSB. (GT-FL)
- BROUGHT TO YOU BY:
- DD- Don Davis, 107 Oakdale Dr., Warner Robins, GA 31093/ S-76, Loop & 2 longwires.

GA- Gregg Allinson, 919 N. Kerr Ave.,  
Wilmington, NC 28401/ Realistic TRF  
MAS- Michael Sapp, 1902 York Dr., Woodbridge VA,  
22191/ R-390A; SPR-4; DA-1; DA-100; 100' lw.  
BS- Bernard Schulze, 26 Underhill Dr., Apt. 1102  
Don Mills, ON M3A 2J4/  
FAW- Frank Wheeler, 6589 Wattsburg Rd., Erie PA  
16509/ S-40B; 100' longwire & SM-1  
GT- Gerry Thomas, 2811 SW Archer Rd., C-18,  
Gainesville FL 32608/ SX-110; 2 lw's & wedg  
That's it for this week folks! CUN-7! 73.

**central dx  
roundup**

Richard C. Evans  
P.O. Box 392  
New Buffalo, Mich. 49117

- 600 WMT IA Cedar Rapids, 2/3 0245-0305, talk show "Night Line", ID & CBS Nx. (JEB)
- WREC TN Memphis, 2/3 0318, very poor, KTAR & KR0D QRM, telephone talk and jock promos. (JEB)
- 670 KBOI ID Boise, 2/11 2010, end of Nxcast, jingle into RR Mx, no sign of WMAQ. (JEB)
- 730 KSUD AR West Memphis, 2/21 0702 u/CHYR with s/om. (PLB)
- 740\*KTRH\*TX\*Houston, 2/13 0112-46. Noted w/xlnt signals on ET; various tones, brief periods of OC, and infrequent IDs; WKIS/KCMC easily null'd, but slight KRMG QRM, often hrd around here and never reported. (SAM)
- 900 WCOR TN Lebanon, 2/21 fair 0700 w/s/om. (PLB)
- 990 KNIN TX Wichita Falls, 2/11 1900, very poor u/KRKS, top 40 Mx & ID. (JEB)
- 1000 KKIM NM Albuquerque, 2/11 1930, xlnt w/no QRM, Wx and gospel music. (JEB)
- 1020 KTNQ CA Los Angeles, 2/3 0310, too much KTW0 slop to make this a pest, even KDKA on top. (JEB)
- 1060 WKKQ MN Hibbing, 2/20 0844 w/WHFB w/ad for store in Grand Rapids (MN), ID, jingle. (PLB)
- 1080\*KYMN\*MN\*Northfield, good u/WTIC talk 2/21, 0225 t/in-0240 t/out, w/1000 watts on DX test. (PLB)
- 1140 WSIV IL Pekin, 2/20 0846 w/Nx, ad, Wx. (PLB)
- 1380\*KJET\*TX\*Beaumont, 2/16 0151-0204. Good to unreadable on PoP w/WAOK temporarily off; various tones, OC, and 1 ID shortly before the hour; some QSB o/u WLCY and other unid QRM, completely clobbered by WAOK coming back on; new; stn called & no answer, rptd anyway(SAM)
- 1480\*KLVL\*TX\*Pasadena, 2/19 0108-0205. Good to poor on PoP w/WABB & WTHI in 80 & 65% nulls; o/u other unid QRM; IDs on the average of 1 per 15 min., w/400 & 1000 cycle tones & many brief periods of OC; off at 0205; new; stn called & no answer, rptd. anyway. (SAM)
- 1490\*KIBL\*TX\*Beeville, 2/18 0207-28. Fair on ET o/u usual GY QRM; mostly 1000 cycle tone, brief 400 cycle tone, short-count, & quick ID, then apparently off; new w/stn called & rptd. (SAM)
- \*KZZN\*TX\*Littlefield, 2/13 0149-0232. Surprisingly good to unreadable on PoP; at times, way o/GY QRM w/various tones, periods of OC, and IDs around the half-hour; very happy w/this new one, stn called & rptd. (SAM)
- 1600\*KBBB\*TX\*Borger, 2/19 0211-27. Very good to fair on PoP (thanks to tip in DKM); 1000 & 5000 cycle tones w/fairly extended periods of OC; 1 quick, taped ID at 0226; WEUP in 60% null, but some heavy WXVI/KATZ QRM; new w/stn called and reported. (SAM)
- \*KXVI\*TX\*McKinney-Plano, 2/18 0122-27. Very good to fair on ET w/various tones, short periods of OC, & C&W Mx, infrequent IDs, mostly o/WXVI/KATZ mess w/WEUP 70% null'd; 1st logging w/new call letters; they send v/f in about a week. (SAM)

**PER THE LIST:**

- 2nd MON: WCAZ- 990 IL T (PLB)
- 3rd THU: KVRG-1240 AR T (SAM) 0115-30, note day WJZM-1400 TN T (SAM)/amd time change
- 3rd FRI: WKSJ-1270 AL t (SAM) 0115-30, note day WYHI-1570 FL t (SAM)/amd time change WBBK-1260 GA t (SAM) 0130-0200 note
- 3rd SUN: KFPW-1230 AR T(SAM)/time change w/extension

**A TIP OF THE HAT THIS WEEK TO:**

- JEB - JOHN E. BRADLEY, 2606 Logan Circle, Colorado Springs, Colorado 80907
- PLB - PHILIP BOERSMA, 15570 Cleveland Street, Spring Lake, Michigan 49456
- SAM - SCOTT A. MENTZER, Route Three, Tylertown, Mississippi 39667

NANCY HARDY, Editor  
2301 PACIFIC AVE.  
ABERDEEN, WA 98520

**western dx roundup**

DEADLINES: March 11 (Anniversary issue deadline),  
March 18, April 1, April 15, May 13

**REPORTERS FOR THIS ISSUE:**

- (JEC) James Critchett-1635 Walbridge St.-Red Bluff, Drake SPR-4, Sanserino loop CA 96080
- (NHP) Nick Hall-Patch-3272 Alder St.-Victoria, BC Revamped National HRO, VBX 1P2 PET AA loop
- (NH) Nancy Hardy-2301 Pacific Ave.-Aberdeen, WA Lafayette HE-30, SM-1 98520
- (KWM) Kevin Molander-5555 Banff Ct.-Concord, CA Drake SPR-4, 85' longwire 94521
- (MS) Mike Sanburn-5042+ Hayter-Lakewood, CA Realistic TRF 90712
- (RW) Robert Wien-945 Desert Isle Dr.-San Jose, GE TRF Long Range Portable CA 95117
- \*\*\*\*\*
- 540 KDLT UT. Delta 2/10 0935 noted w/country mx. M5T TC. \* a couple of KDLT ID's. Fair, steady but murky signal. (NHP)
- 580 QKUA AB. Edmonton 2/17 0255 poor, faded out; in KMJ null w/no sign of KFYD. Good northern night. Classical mx on piano. serious lone-haired type. (RW)
- 590 KTHO CA. South Lake Tahoe 2/21 0255 poor to fair, mixing w/KUGN. Space program for NASA w/mention of KTHO before program. (RW-CA)
- 590 KUGN OR. Eugene 2/6 0632 spot for NRC News, ID's as "Oregon's KUGN." (MS-CA)
- 600 KSJB ND. Jamestown 2/21 this one has been heard here a couple of times at their s/on time at 0630. In especially good this a.m. (KWM-CA)
- 610 KRKE NM. Albuquerque 2/21 at 0330; K-FarCe off. (JEC-CA)
- 620 KWFT TX. Wichita Falls 2/21 heard w/s/on at 0500. Into CBS News. (KWM-CA)
- 630 ?KHOW? CO. Denver 2/21 0537 poor to very poor, slow fade-out. Flute mx followed by mention of time "23 minutes before 4" (MS-CA) (RW-CA)
- 740 \*KBRT\* CA. Avalon 2/21 0456 medium to good, no QSB what so ever. ID "KBRT, 740, Avalon, on the air for testing purposes." (RW-CA)
- 750 ?WSR? GA. Atlanta 2/21 0249 very poor, signal too weak for ID of any kind, in very narrow null of KCRS-740. Classical mx w/orchestra. (RW-CA)
- 790 KABC CA. Los Angeles 2/14 0600 noted w/ID and American Information nx. Good signal but what happened to their quarterly SP? (NHP-BC)
- 790 ?KULF? TX. Houston 2/14 0540 a report of some sort just finishing at tune-in: "This is Carl..." Am OM w/southern accent replied "Thank you Carl" and mentioned KULF (I think---audio was distorted). Poor signal in KABC null. When is MM s/on for this? (NHP-BC)
- 800 KHIS CA. Bakersfield 2/16 AM & PM ID at 1030. (JEC-CA)

900 CHML ON, Hamilton 2/17 at 0546 and 0704 w/ CHMT News. (JEC-CA)

910 KJJJ AZ, Phoenix 2/23 full ID at 1001: "K-J" at 1005 & 1010. (JEC-CA)

940 ?KBRE? UT, Cedar City 2/19 1000 seemed to be KBRE. Poor to very poor under and in null of KBRE. Song "My Girl." (RW)

1050 CFBP AB, Grande Prairie 2/21 0800: Peace River. (JEC-CA)

1070 CFAV BC, Victoria 2/14 0642 spot for Victoria airport then mx by the Fifth Dimension. (MS-CA)

1130 KWKH LA, Shreveport 2/11 0330 phone conversation, trucker mx then ID at 0335. CKWX nulled. (MS-CA)

1190 KRDS AZ, Tolleson 2/14 0732 s/on excellent thru KEZY OG w/KEX & unID SS way under. Mentioned "Sharing the joys and love of a Christian station." Signal disappeared but came back at 0738 while they were playing hymns. (MS-CA)

1230 KPRL CA, Paso Robles 2/21 0300 very poor, heard after KRDG s/off, mixing w/ KGEE, both above mess. S/off w/mention of s/on at 6 a.m. (RW-CA)

1230 ?KQIK? OR, Lakeview 2/17 0313 very poor, fading in & out of soup, KRDG taking over eventually, signal best from NE. C&W mx w/"I'm Back in Baby's Arms" & "The Lady Came From Baltimore." No C&W stations on 1230 in Calif. (RW)

1240 KBON CA, San Bernardino 2/14 1825 noted w/MOR mx & many spots. (MS-CA)

1240 KELK NV, Elko 2/21 0234 very poor, above mess for a minute, then faded out. unID SS in background possibly XBSOT. ID "This is KELK, 1240 on your dial, in Elko, Nevada." into MOR mx. (RW)

1240 KPIX OR, Pendleton 2/22 on top at 1045. (JEC-CA)

1250 KHIL AZ, Willcox 1/31 0300 TT, 1 kHz tone. Police Story Theme at 0327. O/KTMS. (MS-CA)

1260 KYA CA, San Francisco noted off 2/21 0737. (RW-CA)

1270 \*KAJO\* OR, Grants Pass 1/31 0356 TT w/ mentions of Oregon & ID barely audible. (MS-CA)

1310 KOYE AZ, Mesa 2/11 0440 ex-KBUZ. Motown Weekend promos & SID o/KDIA. (MS-CA)

1310 KEIN MT, Great Falls 2/21 0741-0745 very poor, mixing w/KQKE (ex-KBUZ). Ad for Union ?, mention of Dept. of Water Resources, meeting in Ft. Benton, and spot for Bandwood (?) Waterbed Store, followed by wx for Great Falls. (RW-CA)

1360 ?KEYZ? ND, Williston 2/14 0717 OM doing sportscast (?--mention of WHH) then singing ID "Music American style K-E-Y-Z." 99% sure of this but signal poor and audio murky. Could anyone tell me if KEYZ uses this single? (NHP-BC)

1360 KMO WA, Tacoma 2/2 0613 time check and ID then into C&W mx. o/KRKK & KPIV. (MS-CA)

1360 KRKK WA, Rock Springs 2/16 complete AM, FM ID at 2330 rolling o/KPIV. KOHU, etc. (KWW-CA)

1380 WLCY FL, St. Petersburg 2/21 0337 rock & roll and a faint set of call letters, then into Paul McCartney mx. Weak but clear. (KWW-CA)

1380 WPHM MI, Port Huron 2/14 0358 and s/on at 0458. Faded out, and then came back at 0500 w/"WPHM Music Radio." Into wx for Indiana & Michigan. CKLS s/on w/O Canada under this. (KWW-CA)

1400 KRMI NV, Henderson dominating frequency 2/21 0700 w/KRE off. (RW-CA)

1400 KTNT WA, Tacoma blin ID o/the mess at 0319 2/21. (KWW-CA)

1430 KNTA CA, Santa Clara 2/14 0750 ex-KRGL. SS programming o/KARM & KELL. (MS-CA)

1430 ?WIRE? IN, Indianapolis 2/21 0419 very poor. Slow fade-out. C&W mx and faint STD "WI?" or "WY?". Spot w/phone number 469-1619? given at 0406. (RW-CA)

1430 IDO UT, Oarden 2/21 0737 poor w/slow fade out and unID SS in background. Spots for Peterson's Marina and Boyle's Furniture in Oarden. (RW-CA)

1440 KUFF CA, Santa Maria 2/21 0304 very poor to poor fading in & out, alone on frequency. S/off w/mention of s/on at 5 a.m. followed by sax mx. (RW)

1440 unID 2/21 0358 very poor w/fade-out, signal looped MT. C&W mx "Before The Next Teardrop Falls" by Freddy Fender. (RW)

1450 \*KXLT\* MT, Bozeman 2/21 0347 very poor in KEST null u/KONE and mixing w/mess. TT'ing as per the list. Farthest GY'er ever for me. (RW-CA)

1460 KENC NV, Las Vegas good to very good (very unusual), way o/KDON w/slight KEST-1450 sloop. Request line number 876-9585 w/mention of KENC. (RW-CA) (Date and time?--NH)

1460 \*unID\* 2/21 0440 good, o/KDON w/strong signal. TT'ing intermittently, must be pretty close by. Who could it be?(RW)

1470 \*KNDK\* CA, Sacramento 2/14 0357 TT blasting 1470 w/ID and Shaft Theme. XBERC off. (MS-CA)

1480 KEHG MN, Fosston 2/14 heard w/poor to fair s/on at 0659. KWIZ seemingly off. (KWW)

1550 WOKJ MS, Jackson 2/15 0600: KRGO weak, and KGAR nulled. (JEC-CA)

1550 WGAR WA, Vancouver 2/21 0340 fair to medium in KRGO null w/slight QSB'ing. Contemporary mx. (RW-CA)

1570 CKTA AB, Taber 2/19 0803-0804 "CKTA News" and wx, into mx. Poor w/CHUB nulled. (NH-WA)

The next WDXR deadline (Friday March 11) will be the deadline for the Anniversary issue of DXM. Please DX and report! 73

~~~~~ John Zondlo  
**eastern dx forum** 6617 Maryland  
 ~~~~~ Hammond, IN 46323

Bob Rice-RD2 Peaceable St.-Ballston Spa, NY 12020  
 Right now I'm listening to my 300th station logged. This one, as well as #200, is from a foreign country. This is YVQO, 640 kHz, in Puerto La Cruz, Venezuela. It has a great signal, too. Many good openings to SA have been noted during this month of February, and this one is second best. A few stats: In January I logged a total of 18 stations, but already this month I've logged 18 new ones (and it's only the 11th). I've got a total of 33 QSLs, with the latest being WHN, WRBJ, WCFL, and WBRE. I don't send out for many QSLs due to me being a schooling person, and I've got homework coming out of my headphones. The biggest event last week, and for a while before that, was logging 3 new states in 6 days! They were WABK, Maine, WTMA, South Carolina, and WAPE and WGCS two days later for Florida. These make my total 32 states. Well, back to the olde SPR-4 for #301. 73 73s.

Don Davis-107 Oakdale Drive-Warner Robins, GA 31093  
 Greetings from the land of unnecessary electric fences!! Actually, electric fences are very easy to get rid of....a pair of dikes, a dark night, and presto! I've been playing with my loop, turning it from an inductively coupled to a direct coupled loop, with some big results. 1st: The gain on the low end just about quadrupled. Gain on the rest of the band is a bit stronger. 2nd: The pattern changes, depending on what frequency I'm on. I haven't been able to determine exactly what type of pattern, but it's pretty wierd! 3rd: On my receiver with AGC 1st RF, using DC control voltage to 1st RF grid, I couldn't ground the shield to the loop. It's just bypassed with a .001 microfarad capacitor, so I can run my control voltage thru the loop. This allows me to bypass the AGC by just touching my loop and my receiver cabinet at the same time! (ZAP!) I apologize to Don Erickson, thinking that his memory was like mine! What a memory! Remembered my old address from 10 years ago better than I do! Nice hearing from you, Don. Totals here now

are 285/162 total, 33/29 states, and 18/7 countries. The verie-fairy has finally slowed down here, with WYDE, KELI, WLBW, WFPDR, and a very friendly letter from WQOK's CE, Alton Finley, who is a 2 meter DXer. Do Europeans use cassette tapes. I need some info as to how to send taped reports to Germany and Monaco. I would appreciate any info from anyone who knows which way would be best. My Heath 1B-1103 counter is for sale with the rest of my stuff. Real neat for PFMs!! Make me an offer. Please!?

Chuck Hutton has lines up a 390 for me, now all I need is some \$\$\$\$. SAM- XEW 900 and XEWA 540 are owned by the same people, and programs are // 2/13 and I've got them on the receiver now. Maybe they just started doing this. Their X-E-W-A station ID is very soft on the "A". I just sent off for two IRCA Achievement Awards. Almost made the Capital Cities award, but some capital cities are a little rough! Annapolis??! Jefferson City? These are some kind of tough cities to log. So this won't become counter-productive, "73s" and good DX!

ANSWER TO LAST WEEK'S QUESTION: IRCA's first convention was hosted by Park Barton.

THURSDAY **western dx forum!** Rick Reald  
 1581 - 20th Avenue  
 San Francisco, CA 94122  
 Ph: (415) MOntrorse 5-4201

JOHN BRADLEY-3300 S. TAMARAC DR. C-107-DENVER, CO 80231

The Denver market has more than its share of religious stns, 5 AM & 1 PM. It seems as though more broadcasters are finding out that if they can't compete in the ratings war they make money playing religious tapes. Many stns don't even believe in what they're broadcasting, it's just the bucks. Denver has some of the best and worst signals anywhere. It's almost DX if you hear KDKO 1510 in downtown or N. Denver. KDKO is one of the few stns that increase power at night: 1kw D & 5kw N altho most references show it reversed. KLAK puts out a very poor signal at night, most of it going N & W. The best signals are KOA, KHOW, KLZ & KOSI. Their fidelity is equal to most FMers. The SS Stn KPSC 1220 has applied for a call letter change to KBNO. All news KDEN 1340 recently started running NIS mostly nights and AN. Why would they pick up NIS when its fate is doomed come Summer? (John. Cheaper to go Net than to pay for a staff-Rth). KDEN also uses ABC I & E nets. If you heard a logo as "BZ Radio" on 1150, that's KWBZ, ex-KGMC. I've sent along a lot of info to Bruce McFadden for his Capitol Cities list. Anyone who lives near a state capital should contribute to this feature! I'm amazed how quickly Rth gets these Forums into DXM compared to the CDXR which is sloooooow. 73. (I'm not about to touch that, hi-Rth).

NICK HALL-PATCH-3272 ALDER ST-VICTORIA, BC V8X 1P2  
 Salutations fellow denizens of the DX world. This time I've got a few pleas for assistance, and without further ado, here they are: Can anyone tell me if KEYZ 1360 Williston, ND uses a SSID "Music American style K-E-Y-Z"? I hrd the jingle, but call-letters when sung don't come out so clear. I had to clean up the tape w/my Autek QF2, but it's still wishful thinking for me to hear K-E-Y-Z positively. This was on 02/14 @ 0717, and they're suppose to send precious little signal in this direction. Also, does anyone know the s/on time ea MM of KULF 790 in Houston? The NRC Eog doesn't say, but I'm pretty sure I hrd them at 0540 02/14 which seems a bit early for a TX s/on. Or are they NSP? Finally, does anyone know the new address of Mini-Circuits Labs of Brooklyn? I sent a request for info on their SRA 1-1 double balanced mixer to: 2913 Quentin Rd., Brooklyn which is the address given in the 1977 Radio Amateur Handbook, but it was returned w/"Moved, Not Forwardable" stamped on it. Has anybody tracked them down, or is there another source of this supply for this component? Any help on any of these queries would be greatly appreciated. It's time to start looking for those DUs again all you WCers. John Oldfield phoned

me the night of Feb 14 to say that various Hawaiians, Tarawa & Tonga were booming in, so I put a couple of new cathode resistors in my rx and fired it up. Something was certainly making noise on 844, but by the time anybody started talking it was way down in the mud. Am I the only WC DXer left who has not formally logged this one, hi. (As Ralph Sanserino would say, "That pest again!", hi-Rth). Hope you managed to log the Solomon Islands or WXLLE, John, I'm lucky to get North Vancouver here and that has to be landline. That's it for now. 73.

JEF JAISUN-"BIG ZUCCHINI CHICKEN RANCH"-12860 136th AVE N.E.-KIRKLAND, WA 98033 (206) 822-8561  
 Ah, the pitter-patter of tiny raindrops keep falling on my roof. (Raindrops? Whuzthat? Never hrd of the stuff down here, hi-Rth). The drought has simiarly afflicted my DXing; all I seem to hear lately is line noise and rc/s. I've taken to sleeping on NMS! To clear up a couple things: Rth, the old KTW XR went to KUUV. One is located at Pigeon Point, just South of Seattle, and the other is on Bainbridge Island in Puget Sound, also South. Pigeon Point is used during the day and Bainbridge at night, if my info is correct. It came from a dj at KLOK who used to work at KUUV. (Hmmm, KTW had 1 tower, W. Seattle, just a little S. of Harbour Island, up on a hill, that was about 1964 when I saw it. Is that Pigeon Pt?-Rth). As for the mysterious shifting white area in Central America, where handouts grow on bushes and the cops have wooden legs....The Big Rock Candy Mountain of radio is a hoax, perpetrated by none other than High Times. They did sort of a National Enquirer story a couple issues back and they almost had me convinced. But, some of the claims were so ludicrous I finally realized that whomever concocted the tale must have really been bombed (and I don't mean by the B-1, hi). The Alice B. Toklas Award of the Month to those who bought the story. (Sounds like an episode from MH<sup>2</sup>, hi-Rth). KIL0 is still off the air. Alan Slobodin has split town for CA, then to Chi-town. He evidently wants nothing more to do w/WC radio. Correction: Howard at KVAN is his brother, not his father as I previously reported. KURB, the 1510 daytimer in Mountlake Terrace, WA is evidently off the air, too. I haven't hrd them recently, and I know they were having extreme financial and personnel problems. That makes KGA easy daytime DX. KGO 810 has made it in fairly regualr recently as day DX, too. Weak, but clearly audible. (Remember when CFAX was a daytimer on 810?-Rth). Rth: Why no A's games on KNBR this yr? What a drag. Is Finley that hard to take? And what's this Cptn Fantasy stuff. hi? (I'm always the last to know these things, hi. To answer: Dunno, but KNBR usually broadcasts only winners; yes, he lost the team didn't he?; and, huh?, hi-Rth). Anybody doing heavy DX on Feb 23-26: I'd like to know what kind of cx you encountered. (Same as all season, crummy, hi-Rth). For those who dabble in astronomical and/or astrotological phenomena, there was a rather powerful alignment of Saturn, Mars, & Uranus. CX should have been lousy, if not downright wretched. (That's been the case all season, hi-Rth). Also, ABC nx carried a report on 2/22 that droughts occur in approximately 20 yr cycles, and supposedly coincide w/low sunspot activity. Somehwo that doesn't seem to match; aren't the sunspots on an 11 yr cycle? (Yes, but every other would be approx 20 yr, no?-Rth). Hey, Rth..how about sending me out a genuine Tom Hagerty KNBR calender? Here's my quarter. 73 de WMORS. (Strange, but I got mine FREE! It's not worth the quarter, hi. But, I now have my streetcar fare for Monday morning, hi-Rth).

Rth-1581 20th AVENUE-SAN FRANCISCO, CA. 94122  
 Tele-Forum: (415) MOntrorse 5-4201 until 2200 PST  
 And a happy "worst-drought-on-record" to you too!! Trivia freaks; did you know, much to the South's consternation, California is the nation's #1 producer of rice and cotten? Gary Larson, a million tnx for a very detailed list of ALL SoCal XR QTHs. A list I'm now guarding w/my life. Should anyone want similar list for NorCal stns, pls send me a SASE. Continuing from the HI island of Molokai, I tried some SRS DX on my last day there. I watched the sun set into the Pacific at 2326, and SR was approx 1210. So spun the dial from 1100-1220. Noted CC on 1335, JJ on 1240, assumed to be JOLF. BUT, the best was on 1580, yup, VOA Thailand, and at armchair level. In fact, rx sat beneath flourescent light in bathroom as I shaved, showered and packed to leave. Little fading, and a very clear "Yankee Doodle" and  
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s/off at 1200. "This is the voice of free Asia concluding this days' transmission", then carrier cut immediately. WOW!! In my spinning of the dial on previous evenings, noted Tarawa 844 being a downright pest!! Terrible het on KORL from N. Korea 655, and a fantastic signal on 02/12 from JOQK 1130 Tokyo, w/a perfect ID at 0600. Also, CC noted on 1120 kc/s every morning around 0600. Firsts: KPNW 1120 first mainland noted nightly, followed closely by KDAY 1580 and the ever present "weighty 680", KNBR. I would have loved to have the Collins R388 and Wedge there set up for a couple weeks. By the by, this was all done on battery power as Molokai Electric Co did not believe in quiet lines. I could hear the line singing all up and down the highway. Took a 3mi (4km) mule ride, straight down 2000' (650m) cliffs to the leper colony of Kalaupapa. I could see, Oahu, Lanai, Maui and all of Molokai. What a spot for a 100kw ERP FM XR, hi!! To San Francisco, did some MM DX on Washington's birthday, 02/21. CRUMMY!! So what else is new? Did bag me a new CC on 645, w/KFI off, also KFRC was off, prn-wise, but not carrier-wise. When their carrier was off, I still heard what sounded like a GY freq. Had some rr mx in there, but just as the record ended, you-know-who put their carrier back on. Grrrr. I've discovered my mystery stn u/KSRO 1350 during daytime hrs, it's KLYD Bakersfield, really nailed 'em toward SSS on 2/21, w/Ronald Reagan prgm and several spots. Well, that's it for this week. Tnx to all who have contributed, but we could always use more. Remember, keep IRCans up to date on what's happening on your local radio scene. Until next week, 73 de Rth..

#### Radio Programming Notes

BCB Radio information culled from recent issues of Billboard and Broadcasting magazines, as well as other sources. (credit is always given)

1/31/77 Broadcasting listed the following information regarding the future of present NNIS outlets that would stay all-nx. The list so far:  
Signed with AP Radio: WHPN, Hyde Park, NY; KYXI, Oregon City, OR; WEAN, Providence, RI; KFBK, Sacramento, CA; WQSA, Sarasota, FL; WNUS, Springfield, MA; WRC, Washington, D.C.; WURL, Winston-Salem, NC; WMAX, Grand Rapids, MI; WPOP, Hartford, CT;  
Signed with UPI Audio: WINZ, Miami, FL; WILM, Wilmington, DE; KASH, Eugene, OR; KSPD, Boise, ID;  
Signed with NBC Radio: WWTC, Minneapolis, MN; KCNW, Kansas City, MO; WPOM, West Palm Beach, FL; KROW, Salem, OR;  
Signed with CBS Radio: WINZ; WPOP; KASH; KQV, Pittsburgh, PA; WSTV, Steubenville, OH;  
Signed with Mutual: WPOM; WURL; KFBK; KCNW; KXXA, Little Rock, AR; WRIT, Milwaukee, WI; KSPO, Spokane, WA; WRNL, Richmond, VA; KWNS, Salt Lake City, UT.

Also, NNIS stations are planning an "All-News" co-op that would provide features to the stations from both independent producers and other member stations.

#### Station Schedules...

WKIS, Orlando, FL  
6-10am Al Dunaway  
10-12N Jack Murphy  
12-3pm Clay Daniels  
3- 7pm Jerry Gordon  
7-11pm Gene Burns  
11-6am Jay Jeffries  
WFBL, Syracuse, NY  
6-10am Jack Mindy  
10-3pm Joe Galuski  
3- 7pm Morgan  
7-12am Rick O'Shea  
12-5:30am Jepko  
WNVY, Pensacola, FL  
6-10am Rob't Michael Greene  
10-2pm Timothy G. Adams  
2- 6pm David Allan  
6-12am Robb Murphy  
12-6am Bob Shealy

And lastly, the big news is WMAY, Springfield, IL, has gone country, from MOR. 73, *bruce*

Charles Gill (Scavenger Contest)  
Box 84  
Springville, NY 14141

#### SCAVENGER'S CONTEST

Your contest manager has decided to have a scavenger contest in order to keep everyone interested in dx-ing. The contest results will be published at the end of the contest period, space permitting.

#### CONTEST RULES

1. This is to be a domestic contest and will run for 45 days following the publication of these rules. Final updates must be received within 10 days after the contest closes.
2. There will be no entry fee however donations of any amount will be accepted.
3. The amount of the prizes will depend on the donations collected. The prizes will be sent out within 30 days after the contest closes.
4. All members of IRCA may enter, officers and b-o-d members may also enter.
5. Each station will have a special point value and it must be heard within the 45 day contest period.
6. Double pts will be scored if the stations if the are recorded on a cassette tape. The tape is to be sent to the contest manager. (tape will be returned if a 24 cent stamp is sent, Canadian members coins to cover postage)
7. You may submit only one station for each category.
8. Stations submitted for scoring must contain the following info, Freq, Call letters, time and date heard. It must also have the number of the category the station represents.
9. If a tape is sent for double pts at least three call letters must be heard and there must be at least 2 min. of programing, no written report will be needed.

#### STATIONS TO BE HEARD

1. A state captiol 15pts
2. A GY station in WY 25pts
3. A GY station in VA 25pts
4. A station with three call letters that are alike. 15pts
5. A station that has 1kw of power 20pts
6. A station in NJ 20pts
7. A station in CA 20pts
8. A C/W station in LA 10pts
9. A daytime station with 1kw of power 20pts
10. This station is in a town that contains the name of a tree
11. The town or city that this station is in, has the same name as a foreign country
12. A station who's call letters contain a three letter word. 20pts
13. A station in DC 20pts
14. A station that has the name of a meat in its call letters 15pts
15. A station in WA 20pts
16. A daytime station in Canada 15pts
17. A station that has the letter Z in its call letters 20pts
18. This station is in a town or city that contains a man's name 20pts
19. This station is in a town or city that has the word Gold in it 20pts
20. A station in Canada that has a full time power of 1kw

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BRUCE PORTZER, Editor

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ATLANTIC DX ROUNDUP

- 529 ALGERIA, Ain Beida good w/slow male AA vocal & guitar plucking //548 2351 2/17. (Connelly,MA)
548 ALGERIA, Oran "old reliable" here loud //529 2350 2/17. Xlnt (taking out 550 domestics) w/drum beating, flute & violins 2317 2/18. (Connelly,MA)
575 ALGERIA, Bechar noted w/AA mx, audio garbled by WEEI sloop 2355 2/17. (Connelly,MA)
638 SPAIN, La Coruna, RME to fair peaks w/man in SS surfacing o/slop & pronounced 1 Hz SAH 2359 2/17. (Connelly)
719 PORTUGAL, worte poor in WGN sloop w/PP talk 0002 2/18. Good w/pop mx, PP talk, 2318 2/18. (Connelly,MA)
737 SPAIN, Barcelona, RME in w/SS talk - Good when CBL didn't modulate, fair during CBL talk, poor w/CBL mx 0004 2/18. (Connelly,MA)
746 UPPER VOLTA, Ouagadougou fair w/talk in FF 0005 2/18. (Connelly,MA)
755 PORTUGAL, Lisboa good w/cl violin mx 0006 2/18. (Connelly)
764 SENEGAL, Dakar sometimes better than WABC; FF talk here 2210 2/16. Overpowering WABC/WJR w/AA talk 2319 2/18. (Connelly,MA)
773 SPAIN, Caceres/San Sebastian, RME good w/SS pgm jamming WABC 2305 2/17. Good 2320 2/18. (Connelly,MA)
782 PORTUGAL, Miramar, CSB9 likely w/cl mx, talk o/fast SAH 0009 2/18. PP talk above low pitched audible het 2321 2/18. (Connelly,MA)
818 MOROCCO, Rabat dominant at good level w/AA mx (chanting w/sitar-like accompaniment) 0011 2/18. (Connelly,MA)
827 ? UNID, hard rock o/AA mx & a multiplicity of SAHs 0013 2/18. The rock stn seems to be the dominant lavely - noted well o/others 2324 2/18, fading into a mass of carriers before any ID was given. (Connelly,MA)
872 ? UNID, 2 stns here, 3.8 Hz SAH, traces of female vocal; while RF level was good, neither stn was running adequate audio 0016 2/18. (Connelly,MA)
917 ? SPAIN/UNID, strong 8 Hz SAH here 0019 2/18. (Connelly)
1052 ? UNID, BBC presumed here w/strong OC & had het from Unid on 1052.9 0053 2/18. (Connelly,MA)
1061 PORTUGAL, Norte good-xlnt rolling in w/cl mx 0050 2/18. (Connelly,MA)
1088 ENGLAND, Crowborough, BBC fair-good RF level, talk o/u WBAL sloop 0048 2/18. (Connelly,MA)
1205 FRANCE, Bordeaux fair w/man in FF way o/fast SAH (presumably from R. Cayman) 2242 2/18. (Connelly,MA)
1286 CZECHOSLOVAKIA, Praha-Melnik to fair peaks w/operative vocal 0040 2/18. (Connelly,MA)
1375 ST. PIERRE & MIQUELON, R. France fair w/FF vocal 0036 & good w/FF talk & slow male folk vocal 2311 2/18. (Connelly,MA)
1376 FRANCE, Lille strong, hetting 1375, noted for a few mins until 0035 2/18 at which time the carrier went off. (Connelly,MA)
1403 GUINEA, Conakry, 2/13 0607 FF(?) man talking between mx (guitar?) & drum beats. Audio very mushy, but 1st time audio hrd here. (Davis,GA) --- pwrful w/OC here 0031 2/18 - frequently runs carrier w/o audio (like St. Kitts-555) so the probs Lobel & other DXers have noted of getting strong carrier but no audio may result from these OC periods. (Connelly,MA)
1466 MONACO, Monte Carlo, TWR weak-fair w/EE talk at a time when few other high-end TAs were noted 2315 2/18. (Connelly,MA)
1500 WEST GERMANY, Langenberg, WDR fair overall copy, relatively weak sig but no QRM, noted w/female MoR vocal 0024 2/18. (Connelly,MA)

PAN AMERICAN DX ROUNDUP

- 555 NICARAGUA, Chinandega, YNS 2/11 0200 SS OM talking w/occ mx. Lots of TVI on this end of the band. I keep trying for ZIZ but this is all I can come up with. (Davis)
595 DOMINICA, Roseau, 2/11 0209 nx in EE followed by much soft rock mx 0212. Good carrier but no rptable copy due to very mushy audio. Hymn 0229, audio off 0230. Noted in FF 0105 2/13. (Davis,GA)
601 t CUBA, per earlier rpts, CMKV is allegedly the drifter raising havoc here w/potent sig; African-influenced Caribbean mx, then SS talk 2356 2/17. (Connelly,MA)
640 CUBA, Habana, CMJ 2/14 1125 w/S-10 sig. Mx, male ancr, full ID w/IS "R. Liberación de Habana Cuba" 1130. KFI off of course. (Lobel,GA) --- LW de Cuba noted w/R. Habana Cuba produced pgm (ann'd as such)

- 0501 2/19. So suddenly the RHC ID is turning up all over the BCB. (Stanbury,ON)
705\*\*\*\*\*ST. VINCENT, Kingstown, per NRC DX net (75 mtr ham band) tip, this is now on. Carrier & talk by man (which sounded like BBC mx) noted briefly thru WJR/WJKO sloop 0003 2/22. (Connelly,MA)
775 COSTA RICA, San José, TIW, R. Uno 2/20 0130 playing "San Francisco Nights". Annt in quiet SS followed by Stevie Wonder. Very strong. (Davis,GA)
860 DOMINICAN REPUBLIC, Santo Domingo, HIR 2/14 0935 w/talk of Santo Domingo. (Lobel,GA)
925 COSTA RICA, San José, TICM, R. Juvenil, 2/14 0515 fair sig w/all kinds of sloop from 920 & 930. Playing 60's style US folk mx & rock, anmts in SS. (Davis,GA)
944 HONDURAS, Tegucigalpa, HRYM, R. Panamericana, 2/20 0020, SS guitar mx w/SS talk by OM. Poor-good sig. This may be the sun i rptd as France last time; however, I swear I've hrd Panamericana on 945 before?? (Davis,GA)
975 ? UNID, Freddy Fender EE/SS c&w song 0022 2/18. (Connelly)
1005 COLOMBIA, Neiva, HJJR, R. Colosal noted w/fair sig & clear ID 0405 2/15. (Stanbury,OH)
1025 ? UNID, SS, cl mx w/talk by m&w interviewing old men. Faded out during 0330 ID 2/20. Sounded like R. Tropicana. IS sounded like Big Ben or large church bells. 0358 prayer, 0401 carrier off. (Davis,GA)
1050 MEXICO, Mexicali, BC, XFD w/mucho fiesta musica 0400 2/24. Strong. (O'Hare,WA)
1059 CUBA, Baracoa, CMKG potent w/soft orch mx 0052 2/18. (Connelly,MA)
1196.67 ? UNID SS 2/20 0055, mild SS mx & OM talking between songs. Fairly weak sigs w/lots of snap crackle & pop from storm. (Davis,GA) (Probably Honduras.bp)
1200 VENEZUELA, Caracas, YVOZ 2/14 0740 w/R. Tiempo ID mx. Weak w/Qua, WOAI off. Better by 0755 when I got back from raiding the refrigerator. (Lobel,GA)
1205 CAYMAN ISLANDS, Georgetown, R. Cayman fair in EE 0043 2/18. (Connelly,MA)
1208.5a CUBA, good w/vocal mx, SS talk in WCAU null 0042 2/10. (Connelly,MA)
1212.8 ? UNID, very weak carrier hetting WCAU. Seemed like commercial SS format when audible, but not sure, 2/20 0105. (Davis,GA)
1550 COLOMBIA, Barranquilla, HJAX, R. Quince logged 0345 2/15 thru considerable QRM but easily IDed by // w/harmonic on 3100 which was in the clear. (Stanbury)
1555 CAYMAN ISLANDS, Georgetown, R. Cayman fair w/mush mx (Johnny Mathis) 0028 2/18. (Connelly,MA)
1596.9a UNID 2/4 0330 mild SS mx. Mucho QRM + very few anmts = bad copy. This could be a spur w/wy 1650 i.f. and all. (Davis,GA)

PACIFIC DX ROUNDUP

- 647 USSR, Vladivostok. 2/14 1100-1114 strong suspect in KK male ancr. Perhaps mx. (Lobel,CA)
650 HAWAII, Honolulu, KORL 2/14 1100 TC of 1:00 a.m. must have been this one. (Lobel,CA)
650 ? UNID, CC male talking 1410 2/24 weak. (O'Hare,WA)
650 ? UNID, 2/25 1420 cl mx u/KORL, looping the same direction. Again 1440 w/cl violin mx. Who? (O'Hare)
770 JAPAN, Akita, JOUB weak male talk 1354 2/24. (O'Hare)
820 W. KOREA, 1357 2/24 mx, male chorus, 3 low & 1 high pip on hour, then female talk. Good level. (O'Hare)
830 JAPAN, Sapporo, JOBB, 2/23 1430, m & f w/FF lesson in JJ - pretty wild! Good S9+ sig. Still in there w/ID & time pins 1500. (O'Hare,WA)
880 S. KOREA, Gwangju, HLGK weak but audible, mixing w/KRWV 1408 2/24. (O'Rabbit,MA)
1010 t UNID, 1155 2/21, JJ, not CC, apparently Japanese commercial stn. Top of hour pins ruined by QRM. Last pip was high, followed by a low pip. (??bp) CFRB up at 1200, lost pins. (Heald,GA)

VERIFICATIONS

- 545 DOMINICA, Roseau, R. Jumbo, for rpt of 11/15, v/1 signed by Patrick Meyer, Dir. Gen.; dated 2/1/77, rxd 2/14/77. (Lobel,GA)
1555 CAYMAN ISLANDS, Georgetown, R. Cayman, for rpt of 2/15/76, v/1 signed by R.G. Dunlop, Dir. of BCing; dated 2/11/77, rxd 2/16/77, mailed w/o payment of postage on her Majesty's Service. (Lobel,CA) (Is the date of your rpt correct Albert? bp)

REPORTS FROM NEW ZEALAND

Paul Ormandy in Oamaru writes: Hello to everyone out there in Radio DX land! And to prove I do read forums it's a special thanks to KNR Ca (??bp). At least March 5, 1977 page 287.

someone reads my column. "What's this I hear about WFB getting a CP for 500 kw on 1200?" to quote the Rig Zucchini. And also, who is the Yankee on 950 w/Yankee Doodles ten to the dozen? (ten is metric version, hi). Help me please! (Tis XEYJ.bp) Definitely not KECH as it was in, too. W/reference to those units that have been cropping up - 963 972 1097 & 1107 all have Indonesians so likely 86h is Medan. 39Ls as of late v/1 from KATZ KOOL KING KITS YBBF, v/c from CW56 300 w R. Dif. Soriana Mercedes in Uruguay! v/q from WFL WMB TVW YJBI KGRS 12U KAHN KXEL WBSB KKIS YGA (at last! w/a special note from "Peperrint Pattie" the aner) & KPOL. Lots are KPAC KEJP KTON WVVV KBBA (o/zer 1KA) KHEC CMIG WDT KTHA KMAA. Totals on MW to 283 QSLs, 42 cntys, 20 states, 3 provs. SW to HQ, 111 cntys. New NZer is 22K-730 w/2.5 kw & the slogan "Apple R." Hot sure of times but getting is a real botch. ... I would also like to swap NZ AM cassettes for U.S. FM only. 73's till next time.

John Allchin in Auckland writes:  
Hi Guys. This is my first forum since joining IRCA last month & have already found DXM a great addition to incoming DX literature. I am 17 & started DXing about 3 years ago after coming across 2UW-1110 Sydney while DXing nearby NZers one night. What EXCITEMENT. (Sydney & Adelaide were home for me until recently when I moved to Auckland). After hearing 2UW, Sydney's 2nd most popular rx/top 40 stn, I really got going w/DXing, catching numerous A/NZ stns & the occasional Fijian on my National RQ235TS. It wasn't until a year later that I found BCB DX had such a large following when I joined NZ's largest DX club - NZ Radio DX League. After joining NZRDXL I started sending out reception rpts & to date have QSLed 120 stns from 12 countries w/an 85.8% reply rate. Equipment now used apart from the RQ235TS are a Sony GRP-160 & a Kenwood QR-666. I'm sure living in NZ's largest city doesn't help my DXing & early evening noise levels are quite high on some nights, but it is TVI which is a great cause of the noise. Living on the small 1/4 acre block doesn't leave much scope for any sophisticated aerial system tho I am trying to put together a loop during my spare time. DXing NA stns is not as I may wish & is somewhat restricted in Auckland because of noise levels etc. Here's a brief summary of US sigs hrd by me to date: PJB KHEW KKIS KPIC KPOL XERF XEROK XEPRS WLAG XFKB XWX XHRE XWEO XOA XTRH XGX XHFW KING KIOE XGU CKLG XGMB KOKL KKUA CKWX KDAY KFAB KRJA & KWKH. Traces of NEW WBAF & KHHI have also been hrd, tho I suspect this list is nothing but a breeze to most other Kiwi DXers. Any correspondence to the above address is more than welcome & I know A/NZers like the back of my hand so if anyone wishes any info I would be very pleased to assist. No tests from Aussies on new split freqs have been monitored but will advise as details come to hand. Auckland stn LXI plans their freq change from 1590 to 1330 for sometime in May 77. More Anon. 73s John.

Indonesians rptd to NZRDXL "DX Times" recently:  
963 RRI, Jember s/off 1600 w/good melody. (Cushen)  
999 RRI, Jakarta fair w/"Love Ambon" theme 1259. Strong het. (Iynneberg)  
1097 RRI, Semenep, Jakarta mx relay 1500. (Cushen)  
1107 RRI, Jogjakarta, same as 1097. (Cushen)

#### REPORT FROM ENGLAND

Gene Martin, who was in England on vacation a couple months ago, sends along the following impressions of DXing from there.

Monitoring the European BCB from London was a surprising experience for me in many ways. There are significant differences between reception there & in the US, it seemed to me, & I began noting these within a few minutes after I first turned on the remarkable little TRF. As all DXers know, the BCB across the Atlantic has a channel separation of 9 kHz rather than the 10 kHz we find in NA. Also, the European-African stns utilize a lower level of modulation when a BC signal is put on the carrier. We have all known these things but what I had not realized until I hrd it close-up was how that different system of modulation affects the performance of your radio.

For one thing, this ridiculously small TRF w/its tiny speaker delivers much better sound over there than it does on our U.S. stns. It almost seemed that the European AM stns xmit sound w/an FM quality in it. I was amazed at how well a pipe organ concert was reproduced on the BBC. You would have thought the TRF had suddenly been equipped w/a 8" amplifier. (Speaker?bp)

The next thing I discovered was the relatively clean separation & absence of splash between those European channels. I want to be careful not to overstate this difference but that 9 kHz separation produces significantly less splash between channels than our 10 kHz std in the U.S. The lower modulation level surely enters into it & you might be justified in saying that our NA stns produce more splash because they customarily xmit sound at the top of their lungs.

Along w/better reproduction of sound & less splash between adjoining freqs, I noted one other reception feature which may be connected w/the different system of modulation.

When 2 or more European stns are picked up on the same freq, they seemed not to get up the severe beating we invariably hear in the US. I often noted a weaker stn underneath the dominant one on a freq w/no beating at all between the two carriers. If the stronger stn was xmitting talk & the weaker one mx, you might have thought the mx was being carried on the dominant stn as background to the talk. This is not to suggest that I didn't ever note beating between 2 stns, but this kind of interference seems to be significantly less than what the US DXer is accustomed to. (Beating is caused by slight (less than 10 Hz or so) differences in carrier freq between 2 stns. Europeans apparently keep most of their stns within a fraction of a Hz of one another.bp)

The most unusual stn hrd on the TRF was R. Veronica-1020 Venezuela. Was quite astonished but I was able to hear the Veronica ID twice in a 10 minute period just before & after 0100 12/17. Veronica was the only IA definitely IDed during the 16 nights I was able to examine the BCB from London, but a LA hrd w/AGY around 0300 12/19 may well have been Sutatenza.

The nights of 12/10-13 were spent in Paris & while I had the TRF along, there isn't much to be hrd from your room on the 20th floor of the Hotel Concorde Lafayette.

As to the 16 nights in London, it was noteworthy that NA stns were found every night, mainly the ones listed in my 1/1 DXM rpt. Apparently, TA cx remained very good over the period 12/2-22. You can classify WIMS CFRB WGAU WFW WABC WGY WOR & CJOX, also on 710, as regulars from London. KIRA was hrd only once. I tried repeatedly for such stns as WHDH WBZ WLN WBS WLB WSM WBAF WLN WJMX WJW & WJB but the TRF could never pull any of them out of the hash.

Frankly this American DXer was quite lost in the European BCB in the multiplicity of languages & the difficulty of knowing exactly what freq you were tuned to. The TRF is a great little performer but don't try to rely on it for close freq readings. Also, it seems that most European stns have the habit of going for considerable time w/o IDing. Or if they do ID, your American ears don't catch the ID.

It was noteworthy too that the TA freqs which are conspicuous, as hrd from the US, are hard to locate once you are in London & what you hear on them is prob quite different from what you hear in the US. Instead of Portugal there is Germany on 665, & 76h gives you Switzerland instead of Africa. Even the well-known BB? freqs contain surprises for the American DXer, unless he has studied them very closely. We are well-acquainted w/Radio h at 831, but as hrd from London, 881 is much less than one of your local freqs. Instead, your local Radio h outlet is 908, rarely hrd in the US. The BBC stns on 881 are in Wales.

The Radio h stns on 662 are in England, yet are weak enough at night to be severely interfered with by E. Germany.

On 809, the BBC stns are in Scotland, and also suffer interference from the continent. After midnight in London, the BBC signs off & the BCB seems to be dominated by German stns, both East & West. The Germans are your main hindrance in searching for anything from across the Atlantic. But many other langs are hrd AM & only a few freqs are open across the Atlantic.

On 566, Athlone refers to itself as "Irish Radio" & the voices there remind you of vaudeville-type Irishers in comedy sketches. You cannot doubt that it's Irish for you hear a lot of commercials for Limerick sponsors, the sports was presented by O'Riley & the stn weatherman is named Murphy.

One final note, Vatican Radio at 1529 offers a menu of sacred, classical, ponderous stuff nightly up to 2300, then changes personality abruptly when midnight comes in Rome. After 2300, it has at least one hour of pop mx, even including rock. One night I hrd it playing the familiar American platter "Winchester Cathedral", popular 10 years ago. I realized fully then that, at last, I had hrd everything.

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DX-160, Sanserino loop  
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SF-600-JX (for sale), SM-2  
Paul Ormandy, 33 Stour Street, Oamaru, New Zealand  
C.M. Stanbury, Box 218, Crystal Beach, ON L0S 1B0  
HQ-200, Longwire

Hi gang. Latest addition to the shack is a Yaesu FRG-7. Haven't had much opportunity to really check it out yet, but first impressions are that it's right up there in the same class as the old favorite Hammarlunds & Collinses. Time will tell.... Till next time, 73 and whatnot.



[Docket No. 6741; FCC 76-371]

**PART 73—RADIO BROADCAST SERVICES**  
**Report and Order; Proceeding Terminated**

In the matter of Clear Channel Broadcasting in the Standard Broadcast Band (KOB/WABC).

1. On April 22, 1969, we reopened the captioned clear channel proceeding for the limited purpose of establishing permanent nighttime operating modes for radio stations KOB(AM), Albuquerque, New Mexico (770 kHz, 50 kW, DA-N) and co-channel class I-A WABC(AM) in New York City (770 kHz, 50 kW, non-directional day and night). Notice of Proposed Rule Making, 17 FCC 2d 257. The proposal was duly published in the Federal Register of April 29, 1969 (34 FR 7033). Both licensees are on deferred renewal status awaiting the outcome of this proceeding.

2. By Notice of Inquiry and Proposed Rule Making released December 12, 1975 (FCC 75-1331; Docket 20642), we opened a new clear channel proceeding to consider the possible nighttime duplication of presently unduplicated U.S. I-A clear channels, the further duplication of presently duplicated U.S. I-A clear channels and, alternatively, the reservation of certain U.S. I-A clear channels for "super-power" operation in order to improve nighttime skywave service to remote regions of the country now lacking interference-free primary service from any aural broadcast source. However, because of the protracted history of litigation involving the frequency 770 kHz and the fact that a series of court decisions has severely narrowed the range of options available to use in resolving the "KOB problem," we decided to deal with it separately and at an early date. Footnote 1, page 2, FCC 75-1331.

**BACKGROUND**

3. The "KOB problem" originated in 1941, when it became necessary to find another frequency for KOB, then assigned to 1180 kHz as a clear channel station of the first North American Regional Broadcasting Agreement (NARBA), effective in March 1941, which triggered a number of frequency shifts in the United States owing to the creation of new Mexican clear channel priorities. No comparable assignment on another channel could be found, and KOB was summarily assigned to 1030 kHz, a I-A clear channel on which the dominant station is WBZ, Boston. Despite the distance between Boston and Albuquerque, KOB's operation on 1030 kHz proved to be technically unsatisfactory, due in part to the westward orientation of WBZ's directional antenna system and resulting extensive nighttime skywave interference between the two stations.

4. In November 1941, KOB was shifted to 770 kHz, a I-A channel on which the dominant assignment is now WABC (American Broadcasting Companies, Inc.), but which at that time was a Blue Network outlet for the National Broadcasting Company (WJZ). KOB has operated on 770 kHz ever since. Initially, KOB's occupancy of 770 kHz was authorized under a special service authorization (SSA) which specified a power of 50 kW day and 25 kW night, nondirectional. This caused considerable skywave interference to WABC during nighttime hours. In 1944, KOB filed an application (File No. BMP-1738) in which it sought to regularize its operation on this basis,

and a hearing thereon was held in January 1945. No decision was reached at that time because in February 1945 we instituted the first clear channel proceeding, which sought to define dominant and secondary uses on all of the 25 I-A frequencies reserved for clear channel use in the United States.

5. In 1946 the KOB application, along with others relating to the U.S. I-A clear channels, was placed in pending status awaiting the outcome of the clear channel proceeding. KOB's SSA operation on 770 kHz was continued on an interim basis. In 1950, WABC appealed from our extension of KOB's interim operation, and in 1951 the U.S. Court of Appeals held the long-standing interference to WABC, without hearing, to be improper, and directed us to find a permanent solution. Accordingly, the KOB application was removed from pending status, but the SSA remained in effect. WABC protested this continuation, and a hearing on its protest was held in 1953. In July 1955 we denied the WABC protest. WABC appealed again, in response to which the Court, in 1956, directed us to take immediate steps to remove the interference to WABC. By letter of November 8, 1956, we directed KOB to submit a directional antenna pattern for temporary nighttime operation on 770 kHz, in compliance with the Court's mandate. KOB did so, and commenced directional operation in April 1957 with a two-element array, in effect becoming a class II (or secondary) station on the clear channel 770 kHz, protecting the dominant class I station (WABC) to its 0.5 mV/m 50% nighttime skywave contour.

6. In a wide-ranging decision adopted September 3, 1958—25 FCC 683 (1958)—we gave in-depth consideration to the long-pending KOB application (paragraph 4, supra), as well as to a variety of possible alternative modes of operation at both stations against a backdrop of populations and areas gained and lost, programming and network affiliations, and apparent inequities in the historic distribution of class I facilities in the United States. The reversion of KOB to its licensed frequency (1030 kHz) was ruled out for a variety of reasons, including the high RSS limits which would be imposed on its nighttime operation by co-channel I-A WBZ, Boston and, potentially, by a co-channel class II fulltimer in Mexico City (XEQR). Finally, we found that KOB, operating as a class I-B station on 770 kHz along with WABC, would provide a first nighttime primary (groundwave) service to 118,000 more people in the relatively underserved Southwest than it would if operated as a class II (secondary) station fully protecting WABC. KOB was granted leave to amend its application to specify nighttime directional operation in accordance with theoretical parameters contained in the decision, and WABC was granted leave to file a parallel application to directionalize its nighttime operation.

7. WABC appealed the 1958 decision, and a 1960 Court decision affirmed but with reservations. *American Broadcasting-Paramount Theatres, Inc v. FCC*, 280 F. 2d 831. Specifically, the Court stated that WABC should not be precluded from a hearing on its claim that some eastern broadcaster other than ABC should bear the burden of accommodating KOB. The Court also stressed that ABC's position as a network should not be prejudiced by forcing it to share its clear channel if other networks retained on their clear

channels greater protection (i.e., WNBC and WCBS, both I-A clear channel stations in New York City on 660 kHz and 880 kHz, respectively). Finally, that Court expressed the view that we should, in still another proceeding, seek to provide facilities for ABC comparable to those of the other networks. In a related development which occurred early in 1960, *KSTP, Inc.*, the then-licensee of KOB, filed a competing application (File No. BP-13,932) for 770 kHz in New York against the then-pending WABC renewal application (File No. BR-167), specifying the nighttime directional parameters we had prescribed for WABC but which WABC had failed to request. Both applications are still pending.

8. In light of these developments, we ordered, in 1961, a further hearing on issues designed to determine whether the result reached in 1958 should be altered on the basis of parity among radio networks, as suggested by the Court. In our decision in this matter, adopted July 3, 1963—35 FCC 36—we conceded that to require WABC to directionalize during nighttime hours while WCBS and WNBC were permitted to operate nondirectionally would leave ABC with a facility in New York inferior, from the standpoint of coverage, to those of NBC and CBS. We concluded, however, that ABC had failed to translate comparative inferiority in station coverage into a competitive inferiority of the ABC radio network vis-a-vis NBC and CBS. This conclusion rested in part on our finding that the outlying secondary (nighttime skywave) service area which would be lost to WABC as a result of nighttime directionalization was already 99 percent served by ABC-owned WLS, Chicago, and 65 percent served from ABC affiliate KXEL, Waterloo, Iowa, both clear channel stations, and that ABC had failed to quantify its allegation that the nighttime directionalization of WABC would affect network time-buying practices as to the ABC radio network. We therefore granted KOB's application for class I directional nighttime facilities in Albuquerque and denied WABC's application for nondirectional renewal in New York, without prejudice to reconsideration " \* \* \* if ABC files, within 30 days of the release date hereof, an application for modification of facilities on the frequency 770 kc in conformity with parameters specified in paragraph 23 of the September 1958 decision \* \* \* ". The effect of this decision, insofar as KOB was concerned, was to transform it from the temporary class II-A status mandated by the Court in 1956 to a *de facto* class I-B station<sup>2</sup> which would protect WABC to its 0.5mV/m 50% skywave contour, but

<sup>1</sup> Our 1963 decision also made passing reference to the Clear Channel Decision of 1961 (31 FCC 565 (Docket 6471) which, although not determining optimum modes of operation on 770 kHz, did conclude that the public interest required a major fulltime station in New Mexico; that 770 kHz was much preferable to 1030 kHz for this purpose; and that other alternatives should not, and indeed could not, be considered. The rules were amended to accommodate the assignment of two class I stations on 770 kHz in a manner to be determined. With respect to NBC and CBS, provision was made for permanent nighttime duplication of their clear channels in Alaska and Nebraska, respectively, but without altering their existing I-A nondirectional modes of operation.

<sup>2</sup> With class I-B facilities but not receiving the degree of nighttime protection normally accorded to class I-B stations.

(To be continued)

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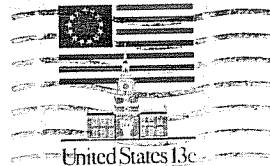
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