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### Publisher's Note

The FCC approved the use of iBiquity's digital system for the AM and FM bands October 10. Their press release is reproduced in this issue. Press reports indicate that probably 50 stations in a half dozen major markets— New York, Chicago, Los Angeles, San Francisco, Miami and Seattle— are expected to begin digital broadcasting by year's end. —RT

### 2003 IRCA Convention Planning

Bids to host the 2003 IRCA Convention are now being accepted. We do have one bid on hand. For more information, please contact IRCA president Lee Freshwater at [enqwtbs@aol.com](mailto:enqwtbs@aol.com).

### DX Tests

**PLEASE NOTE:** Even if you don't hear a test, be sure and drop a card, letter, or e-mail to the station personnel, and thank them for going to the trouble to run a test! Please remember, what's listed as being on, say, Monday morning "may" be what you think of as Sunday night! (THE TIME OF THE TEST IS IN THE LOCAL TIME OF THE STATION)

**Monday, October 21, 2002** - WLCR-1470, Louisville, KY (COL Shepherdsville, KY) will conduct a DX test from 3:00-4:00 am EDT. The station's regular programming is EW TN - their slogan is "Louisville's Catholic Radio". IDs will be played in both Morse code and voice. The IDs will use a 1 kHz tone at 5 wpm sent every 5 minutes. The station's power will be 750 W (not sure of pattern). Reception reports (with return postage) may be sent to:

Vince Heuser E-MAIL: [heuser@iglou.com](mailto:heuser@iglou.com)  
 WLCR-AM [heuser@iglou.com](mailto:heuser@iglou.com)  
 3600 Goldmanith Lane W EB: <http://www.wlcr.net>  
 Louisville, KY 40220



(Arranged for the IRCA CPC)

**Saturday, October 26, 2002** - KNOM -780, Nome, AK will conduct a DX test from 12:00am - 1:00am Alaska Local Time (e.g. 4-5 am EDT). From Les Brown, who arranged the test: "We are currently planning to go from nighttime power (14 kW) up to 25 kW within a minute or two after midnight on 10/26, a Saturday. Morse IDs will be frequent." KNOM will stay at 25 kW until 6 am Alaska Time. Reception reports (with return postage) may be sent to:

Les Brown  
 KNOM-AM E-MAIL: [rfn@nook.net](mailto:rfn@nook.net)  
 P.O. Box 988 W EB: <http://www.knom.org>  
 Nome, AK 99762

(Arranged by Les Brown for the benefit of all DXers)



**Saturday, November 2, 2002** - WDFB-1170, Danville, KY (COL Junction City, KY) will conduct a DX test from 12:00am -?? EST. The station's regular form at is Christian; they go by "WDFB Christian Radio". Songs such as "Amazing Grace" "Sweet Beulah Land" and "My Country, My Flag (by the Hoppers)" will be played, along with voice and/or Morse code IDs. Reception reports (with return postage) may be sent to:

WDFB Christian Radio E-MAIL: [musio@seamet.com](mailto:musio@seamet.com)  
 P.O. Box 106 W EB: <http://www.wdfb.com>  
 Danville, KY 40423-0106 ICQ# 38796683



(Arranged for the IRCA CPC)

If you try for (or hear) any of these tests, PLEASE post a message letting me know, and please, drop the station personnel a note, via e-mail or snail mail, thanking them for running the test! Lynn ([ircamembox@ircanline.org](mailto:ircamembox@ircanline.org))

### FOR IMMEDIATE RELEASE

## FCC Approves iBiquity Digital's IBOC Technology for Digital AM and FM Radio Broadcasting

*Landmark Decision Paves the Way for AM and FM Stations to Begin Digital Broadcasting to Consumers*

**Columbia, MD and Warren, NJ, October 10, 2002** - iBiquity Digital Corporation, the sole developer of HD Radio™ digital broadcasting technology, today announced approval by the Federal Communications Commission (FCC) of its In-Band On-Channel (IBOC) technology, which enables digital broadcasting in the AM and FM bands. Following extensive review, the FCC's historic decision will allow radio stations to begin immediately broadcasting digitally using the iBiquity-developed HD Radio technology. The company also reaffirmed that consumer electronics manufacturers utilizing HD Radio technology will debut products at the upcoming International Consumer Electronics Show (CES) in January.

Through its combination of superior audio quality and integrated wireless data services, HD Radio technology represents the most significant enhancement to radio broadcasting since the advent of the medium nearly a century ago. With today's FCC action, IBOC technology is the approved digital broadcast AM/FM system for the US market, and will offer true, end-to-end digital delivery of radio programming. iBiquity's HD Radio technology has been designed to work within the current AM and FM spectrum allocations, ensuring consumers will be able to enjoy continued use of their existing analog receivers as well as benefit from the higher quality and additional services offered by the new generation of HD Radio-equipped receivers.



This ruling allows for broadcasters to proceed immediately with HD Radio broadcasting while the final IBOC standards are established. **Digital FM has been approved for both daytime and nighttime broadcast, AM digital for daytime broadcast.** iBiquity is working closely with the National Radio Systems Committee (NRSC), co-sponsored by the National Association of Broadcasters (NAB) and the Consumer Electronics Association (CEA), to develop final FM and AM IBOC standards.

"With today's FCC action, local radio stations are poised to deliver one of the most sweeping advancements in broadcasting in nearly a century," said NAB President and CEO Edward O. Fritts. "Community-focused programming has always made radio an indispensable part of the American fabric. We believe broadcasters will embrace this new technology because it will provide local listeners with unmatched audio quality and a host of new, innovative digitally-based services."

"Through their support of this ongoing process, the consumer electronics industry has shown great faith in the promise of digital radio broadcasting," said Gary Shapiro, President and CEO of CEA, producer, sponsor and manager of the International CES. "As a result, we're ecstatic about the ability to turn that promise into reality for the millions of consumers who count on AM/FM radio on a daily basis. The additional benefits that HD Radio technology can offer, such as upgraded sound quality and wireless data functionality, will become immediately attractive to consumers. We are excited to have our show serve as the launch pad for the new generation of digital radio hardware this January."

"As one of the first broadcasters to officially license HD Radio technology, Radio One fully supports today's FCC ruling as it ensures that broadcasters can begin utilizing this breakthrough technology immediately in expanding our service to our existing listeners and markets," said Alfred C. Liggins III, President and CEO, Radio One, Inc. "The promise of HD Radio is an exciting one that will not only enable us to deliver superior audio quality, but the integrated wireless data services offer us an additional opportunity to communicate more effectively with our audiences."

Bob Stuble, president and CEO, iBiquity Digital Corporation stated, "The FCC, NRSC, NAB and CEA deserve the credit for making this historic day a reality. This ruling will offer true digital performance on AM/FM, allowing consumers to experience radio, as they never have before. Radio can now formally begin its long-awaited digital transformation."

**About iBiquity Digital ([www.ibiquity.com](http://www.ibiquity.com))**

iBiquity Digital is the sole developer and licensor of HD Radio technology in the U.S., which will transform today's analog radio to digital, enabling radically upgraded sound and new wireless data services. The company's investors include 15 of the nation's top radio broadcasters, including ABC, Clear Channel and Viacom; leading financial institutions, such as J.P. Morgan Partners, Pequot Capital and J&W Seligman; and strategic partners Ford Motor Company, Harris, Texas Instruments and Visteon. iBiquity Digital is a privately held company with operations in Columbia, MD, Detroit, MI, Redwood City, CA and Warren, NJ.

**WESTERN DX ROUNDUP**  
**Editor: Nancy Johnson -265 Waterton Way- Billings, MT 59102-7755**  
**E-mail: NancyJohnson@prodigy.net**

**WDXR DEADLINES: Each Friday. Please use Eastern Time.**

**REPORTERS FOR THIS ISSUE:**

- (FA) Frank Aden-Boise, ID N7sok@aol.com  
FRG-7 with 4'box loop
- (AB) Art Blair-507 Tenace Lane-Folsom, CA 95630 artngwen@calweb.com  
NRD-515 and Kiwa loop
- (LG) Larry Godwin-2390 Clydesdale Lane-Missoula, MT 59804 lbg@selway.umt.edu  
Ham around HQ-150, Sanserino air-core box loop & Kiwa loop
- (PM) Patrick Martin-P.O. Box 843-Seaside, OR 97138-0843 mwdxer@webtv.net  
Drake R8, EW E antenna
- (5P) Dale Park-P.O. Box 10640-Honolulu, HI 96816 dxfool@aol.com  
Sangean ATS-803A, Terk AM 1000 loop
- (DP) Doug Pifer-3410 Marion St. SE-Albany, OR 97322 oregon4wdattbi.com  
Yaesu FRG-7000, Kiwa loop
- (bp) Bruce Portzer-6546 19th Avenue NE-Seattle, WA 98115 bportzer@attbi.com  
DX'ing at Grayland, WA with Drake R8A, 3 Beverages
- (MS) Mike Sanburn-P.O. Box 1256-Bellflower, CA 90707  
GE Superadio II
- (RT) Rich Toebe-2103 Sargent Ct.-Davis, CA 95616 richtoebe@ps.net  
GE Superadio III barefoot, DeKo car radio

- \*\*\*\*\*
- 580 KMJ CA, Fresno 9/21 0945 report on Fresno State U.s football game at Oregon State U. to be aired on KMJ, the home of Bulldog sports, outro "KMJ Sports," into agrinews. Fair with KSSK-590 QRM; when KSSK and the other stations were off last month, KMJ was audible even without the loop! (5P-HI)
  - 620 KWAL ID, Wallace 9/29 was strong with C&W and ID at 0745. It might be 24 hours now. (LG-MT)
  - 640 KFI CA, Los Angeles 9/8 0831 Fox Sports Radio's "JT The Brick" with L.A. sports news, weather with Ken Gallagher, many mentions of "KFI, More Stimulating Talk Radio," back to Bill Handel. Fair to poor with KHNK-650 QRM. KFI has been weaker the past year which I suspect means the transmitter and/or antenna site has changed. (5P-HI)
  - 680 KKGR MT, E. Helena strong with oldies and "KGR" ID at 2253 10/3 and 10/8. Obviously it has no respect for KNBR's supremacy on this frequency. I phoned the CE at KNBR and complained, so this unauthorized schedule may cease. (LG-MT)
  - 800 KPDQ OR, Portland 9/22 0056 over/under CKOK with Michael Medved show, "On True Talk 800." No call or location given, but matches info on KPDQ web site. (bp-WA)
  - XEMMM BCN, Tijuana 10/3 mercifully gave call ID at 2305 while I tuned into baseball game between Angels and Yankees (probably KSOS). Surprise and new. (LG-MT)
  - 910 KNEW CA, Oakland 10/11 noted while on the road - spot mentioned that "C-Net Radio 9-10" has gotten the OK from the FCC to quadruple their power for a cleaner signal, and to bear with them as they get the new transmitter online. Ironically, the program talked about the FCC's OK of the iBiquity digital system. Checked FCC site; they're getting 20kw directional days, still 5kw nights. (RT-CA)
  - 950 KTBR OR, Roseburg 9/21 2300 dominant, with Jefferson Public Radio ID, listing stations including KAGI Grants Pass, KRVM Eugene and KTBR Roseburg, into "New Dimensions" program, gradually faded under KJR. (bp-WA)
  - 960 KKNT AZ, Phoenix 9/19 0607 multiple ID's "New stalk 960 the new KKNT," coming out of PSA for radio advertising. Ex-KCTK, KPXQ, KOOL, KARZ. (M-SA)
  - ?KKNT? AZ, Phoenix 10/11 0930 faded on top of jumble with what sounded like "KKSE," also heard traffic with mention of I-10. If it is KKNT, it's a new one! (RT-CA)
  - KSRA ID, Salem 10/11 gave legal ID in the hash at 0900. Also it was, I suspect, the one s/on at 0800 on 10/9 with a rooster crow. Announcer mentioned 1,000 watts and AM/FM. I heard SSB right after, but this may have been a different station. (LG-MT)
  - KNEB NE, Scottsbluff 10/11 aired promo for NE National Guard and ID'd at 0800, then ABC news. Signal seemed to improve just before the ID. New. (LG-MT)
  - 980 KVLV NV, Fallon 10/4 s/on strong (no anthem) at 0859. (LG-MT)
  - 1010 KXPS CA, Thousand Palms 10/11 heard mixing at 2159 "Sports Radio 10-10," ID at 2159:50 "KXPS Thousand Palms, Palm Springs." This is the only Coachella Valley station I ever hear it seems. (PM-OR)
  - 1050 KTCT CA, San Mateo 9/19 0745 ESPN Radio's "Mike and Mike in the Morning" show in progress; at 0759 Bill O'Reilly said "Hi, this is Bill O'Reilly on KTCT San Mateo-Oakland-San Francisco...The Ticket, Fox Sports 10-50, the Full Smack (?)" into Fox Sports Radio update, promo for play-by-play on "The Ticket 1050," local sports news. Fair-poor with KLHT-1040 and neighborhood QRM. (5P-HI)
  - 1110 KSPN CA, Pasadena 10/10 0140 heard on top with end of Kings game, a bunch of L.A. area spots and many "ESPN 1110" ID's and promos. Very auroral conditions. Some unID station playing NOS form at times. (PM-OR)

1140 KZMQ WY, Greybull 10/1 s/on at 0757 atop the frequency, announcer said "Stay tuned for the best in country music." (LG-MT)

1170 ?KJOC? IA, Davenport 9/25 was probably the one on the Chicago Cubs network at 2259. According to DX News it's the only affiliate on 1170. Would be a new catch. (LG-MT)

1180 ?KOL? NE, Omaha 9/30 was surely the one giving KOFI trouble at 0759. Announcer advised listeners to log onto huskers.com, (LG-MT)

KLAY WA, Lakewood 10/5 0050-0105 on with day power broadcasting high school football. Local ads, frequent IDs "Your conversation station" slogan, IDs with "Lakewood-Tacoma" dual city ID. Strong, strong, strong! Better signal than KEX-1190. (RT-CA)

1200 WOAI TX, San Antonio 10/7 0306 ID "... on 1200 WOAI." A bit difficult to hear these days with KYAA and Mexican station. (MS-CA)

1220 CJRL ON, Kenora 9/25 was weak but on top at 2300 with simple ID by woman after soft instrumental music ended. Rare. (LG-MT)

1230 KGEO CA, Bakersfield 10/6 0207 fair and weak, simply heard "KGEO Hot Talk." Sounded like it was in a vacuum. New. (DP-OR)

KPLY NV, Reno 10/6 0222 poor "K-Play Sports Radio 1230." Local KEJO-1240 splatter as usual. New. (DP-OR)

1240 KJOP CA, Lemoore 10/9 heard good to weak with EW TN format, with relig. program at 2359:45 "Immaculate Heart Radio," "KJOP Lemoore" into more EW TN programming. (PM-OR)

KSMA CA, Santa Maria 10/8 fair and peaked with KJOP at 2355 "...KSMA Santa Maria" into net news. Haven't heard this since 1974 when IQSLD them! (PM-OR)

1250 KHIL AZ, Wilcox 10/11 0134 massive signal in KEYT null, local 1240 not stopping as they're running talk in Spanish instead of music; mentioned "5 decades of classic country" and "K-Hill." New! (RT-CA)

1270 KML WY, Gillette 10/11 was on top of usually dominant KTFI at 1000. Man quoted from Farmers Almanac, gave celebrities' birthdays, and ID'd as "New stalk 1270, KML." AP Network News followed. (LG-MT)

1300 KROP CA, Brawley 10/10 2147 good and dominant with C&W music, a bunch of spots, ID as "RealCountry is KROP." Haven't heard this in years. (PM-OR)

KPMO CA, Mendocino 10/11 2121 heard with spot for Big O Tires in Abion. (PM-OR)

KPTL NV, Carson City 10/11 topping KPMO with oldies rock and "KPTL" jingle at 2122. (PM-OR)

1310 KMKY CA, Oakland 10/10 220 Radio Disney, never heard any legal IDs. Popping up over KLLX and KEIN. (FA-ID)

KEIN MT, Great Falls 10/6 0424 fair "Great music and Great Memories, just for you, on 13-10 KEIN," into Glen Campbell song. (DP-OR)

CHLW AB, St. Paul 9/29 fought heavy QRM from KLIK-ID for ID at 0800. Couldn't confirm format. (LG-MT)

1350 KTD0 CA, Riverside 9/11 1037 time check coming out of Conway Twitty song, contest announcement 684-1991 was phone number, temp check 64 degrees, IE.tech.com, The Toad slogans. Played record "America" by CW. McGregor of CKLW radio from 1974. (MS-CA) (I don't have this listed in any of my logs.-NJ)

1360 KPOP CA, San Diego 9/11 1034 ID "KPOP San Diego remembers..." "God Bless the USA" by Lee Greenwood. (MS-CA)

1390 KLG N UT, Logan 10/4 2150 Penny Comotune followed by "Memories 13-90 KLG N." Very good signal, still on day power? Betcha. (AB-CA)

1400 KQMS CA, Redding 10/10 0205 fair, for just a moment "Your number one button for news and information, New stalk 1400 KQMS, Redding." Followed by Art Bell. Last heard in 98. (DP-OR)

KART ID, Jerome 10/10 0438 poor. Put this one on my hit list today and got it. "Only on Cart 14-hundred." Slogans are "RealCountry" and what sounded like "PureCountry," mixing with C-FUN. New. (DP-OR)

KBCK MT, Deer Lodge 10/1 dominated at 1000 with C&W, so this is its new format. ID'd also as "K-Buck." (LG-MT)

KSH P NV, North Las Vegas 10/4 2227 BYU/Utah State football game. KSL ID at 2230. KSL is the flagship station for BYU football, and KSH P is the BYU affiliate station on 1400. (AB-CA)

KWNA NV, Winnemucca 10/10 top of hour ID and ABC news at 0900, quite good. (AB-CA)

1450 KHIT NV, Reno 9/25 0535 often dominant now with Classic Country format, coming out of Charlie Rich song. Slogan K-Hit. QRM from KVM L. (MS-CA)

1510 KFNN AZ, Mesa 10/10 carried business news and ID'd at 2300, strangely atop KGA. (LG-MT)

KLLB UT, West Jordan 10/7 was completely on top of KGA at 1000 with Gospel music and ID by woman, then CNN News. (LG-MT)

1580 KWYD CO, Colorado Springs 10/9 was completely atop KGA at 0959 with ad for local housing. (LG-MT)

1620 WTAW TX, College Station 9/22 0006 briefly in with promo for Rush Limbaugh "On Newstalk 1620 WTAW," into Art Bell, then lost under strong Spanish (KBLP). (bp-WA)

#### UNIDS

730 9/22 0641 Spanish good atop frequency, didn't wait for ID. Possibly KSVN. (bp-WA)

1230 10/5 2359 heard "KHSN Coos Bay" quickly followed by what sounded like "...KEYN and KEAY." I figure KEAY was KPLY, which I caught for the first time a little later. (DP-OR)

Hope that everyone is enjoying the new DX season. Nancy 10/11 2100

### CENTRAL DX ROUNDUP

*Editor: John C. Johnson*

E-mail: [John\\_Johnson@prodigy.net](mailto:John_Johnson@prodigy.net) CDXR reports ONLY: [cdxr@prodigy.net](mailto:cdxr@prodigy.net)

#### RIDING GAIN

[NJ-MT] **Nancy Johnson**, Billings, MT  
[NancyJohnson@prodigy.net](mailto:NancyJohnson@prodigy.net)  
 Drake R8B, Kiwa loop.

[JUR-WI] **John J. Rieger**, South Milwaukee, WI  
[JohnJRieger@webtv.net](mailto:JohnJRieger@webtv.net)  
<http://DXmidamerica.com>  
<http://DXMw.com>  
 Icom IC-R75, Kiwa loop, GE Superadio III, Terk AM 1000 loop.

[JoJ-MT] Your editor using an Icom IC-R71A with Kiwa loop.  
<http://www.johninmontana.com>

#### DOWN THE DIAL

710 KUET **AZ**, Black Canyon City. 10-5 loud. 23:20 with calls into standards. 23:35 spot cluster and "The Valley's new home of timeless classics, 7-10 AM KUET." Complete legal ID on hour. [NJ-MT]  
 + 10-5 good. 23:58 with BBD music, "7-10 AM KUET Black Canyon City, Phoenix" ID into news. Special thanks to Nancy for the tip. [JoJ-MT]

- 820 W MGG FL, Largo. 10-10 good, strong, way over anything. 06:43 with "LaM ega" slogans. [JUR-W I]
- 1450 KYLS MO, Fredricktown. 10-3 poor in fade up. 21:22 with calls, oldies. [JUR-W I]
- 1590 W HLX MI, Marine City, 10-10 poor, way under WNTS. 06:52 with AM 15-90 W HLX" into PSA and local spot. New! First new one on 1590 since April of 1987! 1590# 27. [JUR-W I]

## 25 YEARS AGO

October 22, 1977 issue of IRCA's "DX Monitor" ... **Mark Connelly** of Arlington, MA told of his vacation to Ireland ... **Gary Larson** of Burbank, CA told about KROQ separating their AM and FM programming ... **Randy Seaver** of Chula Vista, CA said he was 34 and married with two daughters ... **Robert Wien** of San Jose, CA logged WNBC-660 ... **Paul La Freniere** of Grand Marais, MN told about the DX Test he arranged. WAKX-970 Duluth, MN.

## OPEN MIKE

Have you joined the DX Contest yet? Just about everything you hear counts! Not a big turnout this week. This column was typed 10-12-02. 73, John

## EASTERN DX ROUNDUP

**Editor: Lee J. Freshwater – 414 SE 3rd St. – Ocala, FL 34471**  
**E-mail: ENGWTRS@aol.com**

Deadlines are : Sunday 8 AM

### STARS OF THE WEEK

(DH-NJ) David Hochfelder New Brunswick, NJ  
 Sony ICF-2010 KIW A Pocket Loop

### LOGGINGS

- 570 OH W KBN Youngstown 10/9 0100 good in null of local W MCA. Carrying talk show which used Yardbird's "Heart Full of Soul" as theme. TOH call and city ID; "New s Radio 570". New (DH-NJ)
- 930 MD W FM D Frederick 10/07 0015 Good to Ex in null of local W PAT. Ravens FB on W W -1 followed by call ID and "Frederick's New s Radio" new (DH-NJ)
- 1630 GA W TEL Augusta 10/07 0030 Good to annoying. Running CBS test loop over and over. (DH-NJ)  
 (David - sounds like a Satellite RCVR on the wrong channel)

Well, that's a wrap for this week.. Thanks to David this week.....73 and see you all next time!!!.....fresh .....10/13 0900

## DX WORLDWIDE – WEST / TROPICAL BAND DX

**Editor: Patrick Martin – P.O. Box 843 – Seaside OR 97138**  
**E-mail: mwdxer@webtv.net all times UTC**

Hi Everyone,  
 More AU conditions this week as the sun does its thing. The solar numbers also climbed again. I have some decent DU DX a morning or two. The only TA DX this week is from our far North reporter, **Mike Stonebridge** in Alberta. We also have reports from **Don Kaskey**, **Doug Pifer**, **A. Bert Lehr**, and **Dale Park**. So away we go and **Bruce Portzer** at Grayland.

## TRANS-ATLANTIC DX ROUNDUP

- 1053 **UNID** at 0203 UTC 10/8. W on an talking in what could have been English, followed by a man talking. Very fluttery and weak signal. Gone by 0330. Could have been the UK sports station. (MS-AB)
- 1314 **NORWAY**, Carrier first noted after LSS, which occurred at 1905 MDT (0105 UTC). Faint audio heard about an hour later at 0200 UTC with pop mx. All gone by 0330. (MS-AB)

Mike writes: "Nothing else noted except a very faint carrier on 153. Conditions here have been very poor lately. Probably the huge displays from the northern lights we've been seeing the past few nights has had something to do with it."

## PAN-AMERICAN DX ROUNDUP

- 730 **MEXICO**, Ensenada, BCN XEEBC info s/off anmts at 0701 UTC 10/13. Many "Buenos Noches" etc, then clear XEEBC call ID, clear through KCBS-740 slop/splater. Then a few more anmts and into what probably was the Mexican NA ..off by 0708 UTC. Left another Mexican on the freq with what sounded like Radio Vive or Viva slogans. EZL type mx in SS. First time XEEBC has been IDed. (DKK-CA) (Good catch Don, never heard it here as yet, so maybe there is hope. PM)
- 770 **MEXICO**, Los Mochis, SIN. XEFTA 10/10 0532 rose up in KKOBS null for very nice call letter ID in SS by woman. Music was rather SS popish... Recheck at 0552 found them coming in very well. (DKK-CA)
- 1050 **MEXICO**, Monterrey XEG 10/12 0750 UTC, non existent to good. Casual announcer IDing about 5 seconds after songs start. ID "XEG - La Ranchera de Monterrey". Heard news/talk on the hour with several ads for "Laboratorio Mayo de Mexico", several tcs (DP-OR)
- 1220 **MEXICO**, Mexico City XEB 10/12 0830 fair w/KCCS. With cool sounding ballads, ID. "XEB, La B-Grande-de Mexico" (DP-OR) (Doug, XEB does have a good form at of ballads. I wish I could hear them more often and better. PM)

## TRANS-PACIFIC DX ROUNDUP

- 531 **AUSTRALIA**, West Kempsey 2PM, very good with easy pops and several IDs for "More music 2PM" and "The easy mix" at 1423-1433 UTC 10/8. Songs like "If I Can't Have You" and Chad and Jeremy's Yesterdays Gone. (PM-OR)
- 540 **AUSTRALIA**, Longreach 4QL good on top of dom estics with talk about US and Iraq at 1415 10/8 (PM-OR)
- 540 **WESTERN SAMOA**, Apia 2AP. Jawaian (mix of raggae and Hawaian) style music as for a "cove and spa", female host taking phone requests all in Samoan. Very strong with a pop, barely audible but even there without a pop! Like KFI a few years ago. Unid talk underneath, prob. KSRK-CA. At 0924 9/3 (5P-HI)
- 549 **AUSTRALIA**, Orange 2CR //540 at 1416 10/9 (PM-OR)
- 558 **AUSTRALIA**, Unid pop mx station, suspect 4AM with John Cougar Mellencamp song and ID "More music... We play back to back favorites each day.. every day on...." This at 1410 UTC 10/8 (PM-OR)
- 567 **AUSTRALIA**, Julia Creek 4JK //549 with talk on US and Iraq 1418 10/8 (PM-OR)
- 576 **AUSTRALIA**, Sydney 2RN Indian and Middle east type mx and woman ancr at 1419 UTC 10/8 (PM-OR)
- 576 **NEW ZEALAND**, Hamilton, Southern Star 1XLR mixing with 2RN at 1345 10/8, ezl Christian mx. (PM-OR)
- 585 **AUSTRALIA**, Hobart Tasmania 7RN good //576 at 1419 10/8 (PM-OR)
- 594 **AUSTRALIA**, Horsham 3WV good with ABC News at 1400 10/8 (PM-OR)
- 603 **AUSTRALIA**, Nowra 2RN //576 at 1422 10/8 (PM-OR)
- 612 **AUSTRALIA**, Brisbane 4QR coming in like "gangbusters" with discussion program at 1440 10/8 (PM-OR)
- 621 **AUSTRALIA/NEW ZEALAND** mix here 1354 10/8 (PM-OR)
- 630 **AUSTRALIA**, Townsville 4QN good on top of dom estics 1435 10/8 (PM-OR)

- 639 **AUSTRALIA**, Port Pirie, 5CK good at 1332 during ABC news 10/8 (PM -OR)
- 648 **AUSTRALIA**, Tamworth 2NU fair with talk on Iraq 1411 10/8 (PM -OR)
- 657 **AUSTRALIA**, Byrock 2BY //648 1412 10/8 (PM -OR)
- 666 **NEW CALEDONIA**, Noumea, good with man in FF, semi classical mx and some Jazz too 1340 10/8. This station gets out much better than they did with their old transmitter in the 70s & 80s. Their modulation used to be about 20%. (PM -OR)
- 675 **AUSTRALIA**, Albany 2CO //648 1413 10/8 (PM -OR)
- 684 **AUSTRALIA**, Kempsay 2KP //675 1413 10/8 (PM -OR)
- 693 **AUSTRALIA**, Brisbane 4KQ good with pop mx and ID as "6-93 4KQ" at 1355 UTC 10/8. I never used to hear this one much back in the 70s and 80s, but only on a very good AU morning. They are more common now. (PM -OR)
- 702 **AUSTRALIA**, Sydney 2BL very good over unid talk station (2XP?) with ABC News at 1402 UTC (PM -OR)
- 711 **AUSTRALIA**, Launceston/St George 7NT/4NT noted with ABC news 1403 10/8 (PM -OR)
- 720 **AUSTRALIA**, Atherton (presumed) 4AT mixing with KUAHI with ABC news //711 1403 10/8 (PM -OR)
- 729 **AUSTRALIA**, Adelaide/Hobart 5RN/7PB presume the two DUs mixing at 1407 10/8 (PM -OR)
- 738 **AUSTRALIA**, Grafton 2NR mix with Tahiti here 1407-08 10/8. Tahiti in FF (PM -OR)
- 747 **AUSTRALIA**, Toowoomba 4QS //720 with ABC News 1404 in passing. (PM -OR)
- 774 **AUSTRALIA**, Melbourne 3LO very good with discussion pgm 1407, in passing 10/8 (PM -OR)
- 774 **JAPAN**, Akita JOUB 10/5 1350-1410+ fair signal. News from 1400-1410 was in EE by man and centered on events in Japan...this part was not bothered as much by KCBC-770. (DKK-CA)
- 792 **AUSTRALIA**, Brisbane 4RN, not //to other RN stations at 1427 10/8, playing Jazz mx (PM -OR)
- 954 **AUSTRALIA**, Sydney 2UE fair with talk and "2UE" IDs at 1443 10/8. Was running 2UE' pgm on 4BC-1116 also, but 4BC was running local breaks with Brisbane advertising and promos. (PM -OR)
- 1116 **AUSTRALIA**, Brisbane 4BC very good with talk on fires in Northern NSW and the people who have lost their homes. Hrd 1415 10/8 //2UE-954 prg, with 4BC local breaks. IDs as "Brisbanes 4BC" Sometimes S9+ 10DB or better. One of the best DUs of the morning. (PM -OR)
- 1125 **UNID** at 1413 UTC 10/7 on SW EW E with woman reading the news in EE. Faded by 1415 (AL-CA)
- 1566 **UNID**, I thought this might have been India earlier, but with all the solar activity very unlikely. However there is a Hindi Filipino that it might have been on Mindanao at 1335 10/8. M & F in Hindi and sounded more like traditional Hindi mx rather than film mx at 1338. Barely made it through the threshold and gone by 1400. The Filipino has an s/off time of 1400 listed. Will keep checking. Thanks for the feedback from Chuck Hutton & Nick Hall-Patch on this. (PM -OR)

#### THANKS TO THESE REPORTERS

(DKK-CA) **DON KASKEY**, 654 35th Avenue, San Francisco CA 94121-2710

< [kaskeyfam.ily@yahoo.com](mailto:kaskeyfam.ily@yahoo.com) >

DXing with Drake R8A, KIW A Loop

(AL-CA) **ALBERT LEHR**, Livermore CA

< [alehr@worldnet.att.net](mailto:alehr@worldnet.att.net) >

DXing with Allied A-2515 receiver with homebrew external sync detector, freq. measurement system, Two 35 foot EW E antennas at 218 & 293 degrees.

(5P-HI) **DALE PARK**, Honolulu HI

< [DXFoo@aol.com](mailto:DXFoo@aol.com) >

DXing with Sangean ATS-803A, Terk Technologies AM 1000 loop.

(DP-OR) **DOUG PIFER**, Albany OR

< [oregon4wd@attbi.com](mailto:oregon4wd@attbi.com) >

DXing with FRG-7000 and KIW A Loop.

(M S-AB) **MIKE STONEBRIDGE**, St. Isidore AB < [stonbrdg@telusplanet.net](mailto:stonbrdg@telusplanet.net) >

DXing with AOR 7030 and 150 foot EW E antenna.

(PM -OR) **PATRICK MARTIN**, PO Box 843, Seaside OR 97138-0843

< [MWDEXER@Webtv.net](mailto:MWDEXER@Webtv.net) >

DXing with Drake R8, two EW E antennas, 1500' Eastern Beverage, 40' vertical, 400' NNW term minibeve.

Here's the report from **Bruce Portzer** on his latest visit to the **Grayland DX site** in September.

#### LATIN AMERICA

530 **TURKS & CAICOS**, 0401 9/22 good w/SS program, ID for WWRV & Radio Vision Cristiana o/TIS stations (bp WA)

#### TRANS PACIFIC

153 **RUSSIA**, R Rossii, 1031 9/22, man in Russian //180 (bp WA)

180 **RUSSIA**, R Rossii, 1031 9/22, man in Russian //153 (bp WA)

189 **RUSSIA**, R Rossii, 1034 9/22 interview w/female singer //180 (bp WA)

209 **MONGOLIA** (tentative), 1247 9/22 possibly the one weak w/music, 1250 woman in unid language with Russian-like inflections, more music 1258:30, faded across top of hour, back at 1312 recheck w/talk in unid language. Always weak u/Alaskan weather station, beacon, and local electronic QRM. Nothing else listed here but not really enough to claim it unless I captured something unique in the recording (bp WA)

234 **RUSSIA**, 1039 9/22, Russian talk fair (bp WA)

529 **ALASKA**, Level Island, 0940 9/22 SQM beacon good w/code IDs (bp WA)

529 **ALASKA**, Adak, 1041 9/22 ADK beacon good (bp WA)

531 **JAPAN**, Morioka, JOQG, fair //567 1314 9/22 (bp WA)

576 **RUSSIA**, pop music & man in Russian 1323 9/22 (bp WA)

567 **JAPAN**, Sapporo, JOIK, good in splatter //594 1019 9/22 (bp WA)

594 **JAPAN**, Tokyo, JOAK, 1018 9/22 strong w/woman in Japanese (dram a?) (bp WA)

620 **HAWAII**, Hib, KIPA, 0934 9/22 fair w/Rainbow Radio ID & softrock oldies u/KTLK (bp WA)

657 **N KOREA**, Pyongyang, fair w/Korean talk 1327 9/22 //3320 (bp WA)

666 **JAPAN**, Osaka, JOBK, 1328 9/22 fair //594 (bp WA)

684 **JAPAN**, unid 1329 9/22 music & man in JJ, then lost in splatter, either NHK1 or IBC (bp WA)

729 **JAPAN**, Nagoya, JOCK, 1403 9/22 talk //594, then faded under unid Chinese (probably Jiangxi) (bp WA)

720 **HAWAII**, Eleele, KUALI, 0951 9/22 fair w/"AM 720 KUAT" ID u/KDWN (bp WA)

738 **FRENCH POLYNESIA**, Papeete, 0418 9/22 island music fair in KCBS splatter (bp WA)

774 **JAPAN**, Akita, JOUB, 0953 9/22 good w/JJ talk, already 10db/S9. Strong w/weather report (?) in Japanese 1319, then JOUB ID & fanfare. Still good 1447 but gradually fading, barely there by 1500 w/time pips (bp WA)

819 **N KOREA**, 1334 9/22 woman in Korean //2850 good, easily separable from 820 (bp WA)

828 **JAPAN**, Osaka, JOBB, 1049 9/22 good //774 1049 9/22 (bp WA)

846 **KIRIBATI**, Tarawa, 0955 9/22 island music fair in domestic splat (bp WA)

855 **NORTH KOREA**, 1054 9/22 good w/man & woman in Korean, then march music //3320 (bp WA)

891 **ALASKA**, Homer, KBBI, 1056 9/22, assume was the one w/NPR's Blues Before Sunrise pgm, good signal (bp WA)

927 **UNID**, woman in Chinese 1400 9/22, then mix of time pips, will try to relisten to the minidisc to sort them out (bp WA)

936 **UNID**, man & woman in Chinese 1228 9/22 fair, then lost in splat (bp WA)

- 945 **JAPAN**, NHK1, 1100 9/22, JJ talk, tim e signal, fanfare //594 fair in splat (bp W A)  
 963 **CH INA**, Russian service poor in splat //1323 1142 & 1226 9/22, good (better than 1323) 1336 (bp W A)  
 981 **CH INA**, good, easily separable from 980 1152 9/22 //1377 (bp W A)  
 1035 **CH INA**, weak //1377 1222 9/22 (bp W A)  
 1053 **S KOREA**, jam m er good 1104 9/22 (bp W A)  
 1071 **JAPAN**, Hiroshima, JOFK, NHK1 w /m usic, tim e pips 1200 9/22 //594 (bp W A)  
 1071 **JAPAN**, Obihito, JO W M , pop m usic & JJ m an //JO W F-1440 (bp W A)  
 1098 **M ARSHALL ISLANDS**, M ajuro, 1106 9/22 good w /island pop m usic (bp W A)  
 1107 **JAPAN**, JJ m ale 1345 9/22 briefly good, several stations listed (bp W A)  
 1116 **AUSTRALIA**, Brisbane, 4BC, briefly good w /teletalk 1147 9/22, only Aussie heard that night (bp W A)  
 1134 **JAPAN**, Tokyo, JOQR, 1311 9/22 m an in Japanese w /clm x in background, good (bp W A)  
 1170 **S KOREA**, 1305-7 9/22 RKI Foreign Service in Chinese //5975 fair-nilu/KPUG (bp W A)  
 1197 **JAPAN**, unid 1109 9/22, sporting event (m an w ith crowd noise) in Japanese, slight echo either from stadium acoustics or from hearing 2 stations in the network. Several stations listed (bp W A)  
 1323 **CH INA**, Russian service, m assive signal 1134 9/22 (bp W A)  
 1332 **JAPAN**, Nagoya, JO SF, 1213 9/22 pop m usic & m an in Japanese (bp W A)  
 1377 **CH INA**, ZRGD good-fair //9645, m an & w om an in Chinese 1132 9/22 (bp W A)  
 1395 **UN ID**, 1118 9/22 flute m usic weak (bp W A)  
 1503 **JAPAN**, Akita, JOUK, 1019 9/22, JJ talk //594 (bp W A)  
 1566 **S KOREA**, Cheju, HLAZ, good w /Chinese pgm 1121 & 1208 9/22, loud in Japanese 1303 (bp W A)  
 1575 **THAILAND**, VOA good w /Sports in English 1123 9/22, something else in background. Good w /VOA news in English 1208, loud in unid lang 1302, loud 1352 EE interview translated into unid language, then w om an w /VOA mention & SE Asian m usic. EE ann t "W elcom e to the Voice of Am erica in Bum ese" 1430 o/unid, then Bum ese pgm (bp W A)  
 1575 **UN ID**, 1425 9/22, Tagalog talk briefly atop VOA, probably DXJR. Pop m usic & EE sounding DJ, possibly a FEN station 1424 9/22 (bp W A)  
 1593 **UN IDS**, 1008-1013 & 1023-1027 9/22, 2 stns, one w ith thum py sounding m usic, the other w /talk in what sounded like Pidgin dialect. Eventually overtaken by the NHK stations. Possibly PNG and/or M icronesia (bp W A)  
 1593 **CH INA**, 1205 9/22 m an & w om an in Chinese fair //1377 (bp W A)  
 1593 **JAPAN**, NHK2 outlets, 1033 9/22 fading up //774 (bp W A)

#### SHORTWAVE

- 4985 **BRAZIL**, R Brasil Central, 0204 9/22, good w /string of ads in Portuguese, jingle ID (bp W A)  
 4995.6 **PERU**, R Andina, 0152 9/22 fair w /SS talk and Andean m usic, no ID but m atches listed frequency (bp W A)

(bp W A) **BRUCE PORTZER**, 6546 19th Avenue NE, Seattle, W A 98115  
 DXing at Grayland, W A, Drake R8A, 3 Beverages

### An Introduction to Broadcast Band DXing

This tri-folded brochure is ideal for explaining the Broadcast Band DXing hobby and the RCA. It can be included with reception reports and given to other interested folks. Sub topics include: What is DXing?, Broadcasting's early years, The first DXers, Clubs helped listeners share, Our hobby today and DX clubs still unite listeners. It is two color printed on heavy stock. Price is \$0.35/brochure (US and Canada), \$1.00 (rest of the world). Minimum order is 10.

To order, send the correct amount (in US funds payable to PhilBytheway) to:

**IRCA BOOKSTORE, 9705 MARY NW, SEATTLE WA 98117-2334**

### DX WORLDWIDE - EAST

**Editor: Brandon Jordan - 4920 Park Ave. - Memphis, TN 38117**

**E-mail: bjordan@bcdx.org**

**all times UTC**

#### \*\*\* PAN-AMERICAN DX \*\*\*

- 1520 **COLOMBIA** Ecos de Palm ar, HJLI, Bogota, OCT 11 0400 -good to excellent, arm chair at times. Playing lively Spanish m usic; several ID s as "Ecos de Palm ar." A surprise outage of W W KB left this dominant on channel, w ith a religious Spanish station underneath and slightly off frequency or drifting. Off at 0500 w ith national anthem. New. [Hochfelder, NJ]  
 1520 **UN ID**, OCT 11 0500 -good after Ecos de Palm ar signoff at 0500; fair before. Signal seemed slightly off frequency or drifting. Male announcer w ith religious talk in Spanish; lots of "Hallelujahs" and such. Im grateful for any suggestions on this one. Another station down in the mud, sounded like a domestic talk format; Im guessing KOMA on the basis of very little copy. New. [Hochfelder, NJ]

#### \*\*\* CONTRIBUTORS \*\*\*

**Hochfelder-NJ** = David Hochfelder -New Brunswick, NJ. Receiver: Sony ICF-2010  
 Antenna: Kwa Pocket Loop

That's all for this issue. 73, Brandon.

### GEOMAGNETIC INDICES

**Editor: Phil Bytheway**

**E-mail: phil\_tekno@yahoo.com**

#### Geomagnetic Summary September 30 2002 through October 13 2002

Tabulated from emailstatusdaily.

Date	Flux	A	K	Space W x Today	Space W x Forecast	Etc.
9/30	140	24	4	m oderate	m inor	4
10/1	140	34	6	strong	m inor	10
2	136	35	6	strong	m inor	10
3	146	27	7	m oderate	m inor	8
4	158	40	3	strong	m oderate	7
5	155	21	3	m oderate	m inor	7
6	162	16	3	m inor	m inor	7
7	164	31	3	m oderate	m inor	10
8	165	28	2	m oderate	m inor	6
9	167	19	3	m inor	m inor	7
10	172	16	2	m inor	m inor	7
11	179	8	1	no storm s	m inor	6
12	180	9	1	no storm s	m inor	5
10/13	179	7	1	no storm s	m inor	6

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## SPORTS ON RADIO

Compiled by Art Blair and Phil Bytheway

### DA COLLEGE FOOTBALL

Continued from last issue

#### Baylor University (As of 06/26/02)

740 KTRH Houston, TX  
790 KBM E Houston, TX  
820 W BAP Fort Worth, TX  
940 KIXZ Amarillo, TX  
950 KPRC Houston, TX  
1160 KENS San Antonio, TX  
1240 KVLV Alpine, TX  
1340 KRNX Victoria, TX  
1400 KTEM Temple, TX

1470 KEAN Abilene, TX  
1490 KBST Big Spring, TX  
1510 KAGC Bryan, TX

92.7 KJAK Lubbock, TX  
92.9 KLRK Marlin, TX  
100.1 KUEZ Luftkin, TX  
101.9 KYBI Huntington, TX  
102.3 KLJT Jacksonville, TX

#### Carolina Hurricanes

600 W SJS Winston-Salem, NC  
620 W DNC Durham, NC  
630 W MFD Wilmington, NC  
850 W RBZ Raleigh, NC  
910 W STK Jacksonville, NC  
990 W EEB Southern Pines, NC  
1200 W SMLG Graham, NC  
1230 W FAY Fayetteville, NC  
1230 W LNR Kinston, NC

1230 W MFR High Point, NC  
1240 W JNC Jacksonville, NC  
1250 W GHB Farmville, NC  
1360 W CHL Chapel Hill, NC  
1490 W RMT Rocky Mount, NC

97.9 W RUP Bayboro, NC  
98.3 W DLZ Murfreesboro, NC  
107.3 W TKF Atlantic, NC

#### La Salle University Football

560 W FIL Philadelphia, PA  
740 W VCH Chester, PA  
1340 W HAT Philadelphia, PA  
1360 W NJC Vineland, NJ

1370 W PAZ Pottstown, PA  
1490 W BCB Levittown, PA  
103.3 W PRB Princeton, NJ

#### Oregon State University Beavers

\* Football only  
690 KRCC Prineville, OR  
840 KKNX Eugene, OR  
910 KURY Brookings, OR  
940 KICE Bend, OR  
960 KKJX Klamath Falls, OR  
1190 KEX Portland, OR  
1230 KKEE Astoria, OR  
1230 KQIK Lakeview, OR \*  
1250 KCST Florence, OR \*  
1290 KUM Astoria, OR  
1310 KNPT Newport, OR \*  
1340 KLOO Corvallis, OR

1340 KWVR Enterprise, OR  
1360 KOHU Hermiston, OR  
1380 KSRV Ontario, OR  
1400 KJDY John Day, OR \*  
1440 KMED Medford, OR  
1440 KODL The Dalles, OR  
1490 KRNR Roseburg, OR  
1590 KMBD Tillamook, OR \*

92.1 KWVR Enterprise, OR  
93.5 KQIK Lakeview, OR \*  
94.1 KTIL Tillamook, OR \*  
95.3 KURY Brookings, OR \*

100.5 KCGR Cottage Grove, OR  
105.9 KYSJ Coos Bay, OR

106.3 KLOO Corvallis, OR \*  
106.9 KCST Florence, OR

#### University of Akron Zips

990 W TIG Massillon, OH  
1220 W HKCleveland, OH

1350 W TOU Akron, OH  
1440 W HKW Warren, OH

Late games.  
November 2 at home vs Marshall 6:00PM

#### University of Maryland Football

630 W MAL Washington, DC  
930 W FMD Frederick, MD  
960 W TGM Salisbury, MD  
970 W AMD Aberdeen, MD  
1050 W MSG Oakland, MD  
1090 W BAL Baltimore, MD (Flagship Station)

1450 W TBO Cumberland, MD  
1470 W TTR Westminster, MD  
1490 W ARK Hagerstown, MD  
1600 W KDM Rockville, MD  
106.5 W KHW Pocomoke City, MD

Late games...  
October 17 at home vs Georgia Tech 7:45PM

#### University of Minnesota-Duluth Bulldogs

560 W EBC Duluth, MN

Late tilts...  
October 19 at home vs Concordia U.

#### University of North Dakota Fighting Sioux

550 KFVR Bismark, ND  
790 KFGO Fargo, ND  
910 KCJB Minot, ND  
1280 KVOX Fargo, ND  
1460 KLTC Dickinson, ND

93.7 KIZZ Minot, ND  
93.7 W DAY Fargo, ND  
95.1 KRVI Fargo, ND  
96.1 KQHT Grand Forks, ND  
97.1 KYXX Minot, ND  
100.3 KSNR Grand Forks, ND  
105.3 KZPR Minot, ND  
107.5 KJJK Grand Forks, ND

92.1 KZRZ Dickinson, ND  
92.9 KKXL Grand Forks, ND  
92.9 KYYY Bismark, ND  
The late game...  
November 16 at home vs South Dakota

#### University of Utah Utes

540 KNAK Delta, UT  
910 KALL Salt Lake City, UT (Flagship Station)  
980 KSVC Richfield, UT

1080 KRFX Price, UT  
1340 KRLV Las Vegas, NV  
1450 KSG St. George, UT

## University of Washington Huskies

550 KTNZ Anchorage, AK  
 560 KPQ Wenatchee, WA  
 680 KOMW Omak, WA  
 790 KJRB Spokane, WA  
 870 KFLD Pasco, WA  
 930 KTKN Ketchikan, AK  
 1030 KM AS Shelton, WA  
 1170 KPUG Bellingham, WA  
 1320 KGDC Walla Walla, WA  
 1360 KUK Hillsboro, OR

1430 KBRC Mount Vernon, WA  
 1450 KONP Port Angeles, WA  
 1460 KUTY Yakima, WA  
 1470 KELA Centralia-Chehalis, WA  
 1490 KLOG Kelso, WA

96.9 KGY McLeary, WA  
 97.5 KZLN Othello, WA  
 98.5 KEYG Grand Coulee, WA  
 106.3 KSUP Juneau, AK

## Villanova University Radio Network

950 W PEN Philadelphia, PA  
 990 W ZZZ Philadelphia, PA

## DA PRO HOCKEY

### 2002-2003 Detroit Red Wings Radio Affiliates

580 W TCM Traverse City, MI  
 590 W JMS Ironwood, MI  
 600 W CHT Escanaba, MI  
 630 CFCO Chatham, ON  
 790 W SGW Saginaw, MI  
 940 W GMY South Haven, MI  
 940 W IDG St. Ignace, MI  
 970 W KHM Jackson, MI  
 1050 W TKA Ann Arbor, MI  
 1230 W SOO Sault Sainte Marie, MI  
 1240 W ATT Cadillac, MI  
 1240 W CBY Cheboygan, MI  
 1270 W MKT Charlevoix, MI  
 1270 W XYT Detroit, MI (Flagship Station)  
 1290 CJBK London, ON

1330 W TRX Flint, MI  
 1340 W BBL Grand Rapids, MI  
 1340 W M BN Petoskey, MI  
 1380 W PHM Port Huron, MI  
 1400 W RCC Battle Creek, MI  
 1400 W SJM St. Joseph, MI  
 1440 W CCY Houghton, MI  
 1450 W HTC Holland, MI  
 1470 W LQR Toledo, OH  
 1490 W ABJ Adrian, MI  
 1500 W DEE Reed City, MI  
 1550 W SHN Fremont, MI

92.7 W QTX Charlotte, MI

## MISC STUFF

650-KM TIM antiTemplears Football Schedules and others. -  
 [www.kmtradio.com/manti.htm].  
 800-KSO SHigh School sports plus Weber State Football and Basketball, Utah -Jazz, and  
 Ogden Raptors. [www.kso.com/sports.htm].  
 910-KBLG Billings Senior High Broncos, and Rocky Mountain College sports. -Look-see at  
 [www.kblg.com/].  
 960-KSRA Salmon High School sports, and Challis High School sports on -KSRA-FM. Info  
 from somebody at [ksra@salmonidaho.com]. Thanks!  
 1230-KXLO Fergus High School Golden Eagle Football at - [www.kxlb-  
 klm.com/schedule.htm].

1360-WOW Conneaut Spartans Blue Pride. Full schedule and more at -  
 [www.newradio1360.net/sports.htm].  
 1380-KSRV Ontario Tiger High School Sports, Denver Broncos, Vandals, and Oregon State  
 Beavers. [www.ksrv.com/1380AM/1380Sports.htm].  
 1400-KWNA Lowry Varsity Football 2002. Complete schedule at -  
 [www.kwnaradio.com/2001Sports.htm].  
 1400-W TSL Lebanon High School Basketball. [www.wtsl.com/wtslhssports.htm] -Note:  
 Site is under construction.  
 1490-KUGR Green River Wolves Football schedule at - [http://kycs.net/The\_sports.htm].  
 1570-KPYK Tenrell High School Tiger football. [www.kpyk.com/sports.htm].  
 1570-WBGZH High School football broadcast schedule at -  
 [www.wbgz.com/sports/index.htm].

The RCA is a non-profit organization devoted to the hobby of hearing distant stations on the Broadcast Band (510-1720 kHz). DX Monitor, the official publication of the RCA, is published in "soft" form 40 times a year (weekly from September to April, twice monthly from May to August) and in printed form 35 times a year (weekly September to April, monthly May to August). DX Monitor contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists. RCA is a member of ANARC, the Association of North American Radio Clubs.



THE INTERNATIONAL RADIO CLUB OF AMERICA  
 P.O. Box 60241, Lafayette LA 70596  
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### CLUB OFFICERS AND CONTACT INFORMATION

President: Lee Freshwater, 414 SE 3<sup>rd</sup> Street, Ocala FL 34471  
 e-mail: [ENGWTRS@aol.com](mailto:ENGWTRS@aol.com) (proposals/gripes)  
 Secretary-Treasurer: Lynn Hollem an, P.O. Box 60241, Lafayette LA 70596  
 e-mail: [gmhollem@earthlink.net](mailto:gmhollem@earthlink.net) (dues, address changes, Topica sign-ups)  
 Board of Directors: Phil Bytheway (chairman) [phil.tekno@yahoo.com](mailto:phil.tekno@yahoo.com),  
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 Nancy Johnson [NancyJohnson@prodigy.net](mailto:NancyJohnson@prodigy.net), Patrick Martin [wdxer@webtv.net](mailto:wdxer@webtv.net),  
 Mike Sanburn [mkesanburn@hotmail.com](mailto:mkesanburn@hotmail.com), and Pete Taybr [ptbx@att.net](mailto:ptbx@att.net)  
 Editor-in-Chief: Rich Toebe, 2103 Sargent Court, Davis CA 95616-7621  
 e-mail: [richtoebe@ps.net](mailto:richtoebe@ps.net) (all material for publication goes here)

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