



DX MONITOR

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International Radio Club of America

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No new members this time. This is the last issue of Volume 52 of **DX Monitor**. Thanks to all of you who supported **DX Monitor** this last year... please continue to do so as we move into Volume 53. Suggestions for improving **DX Monitor** are always welcome at HQ... don't hesitate to write me with your ideas and thoughts. Deadline for our next issue (4 weeks) is **Monday 8/17 @ 6 PM PLT**.

Eldon Luoma

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Sorry to pass along the news that long time IRCA member, DXer and radio enthusiast Eldon Luoma has passed away at 64. Anyone who attended the 1970 IRCA Convention in Vancouver would have met Eldon, then a 19 year old teenager who had radio in his blood. Many of us here in the Greater Vancouver area along with many IRCA members across Canada and the USA have been friends with Eldon for almost 50 years. For the last 3 1/2 years Eldon has been based in the Coburg, Ontario area but was planning on returning to his home in Langley, BC this summer.

In the past couple of months, some health issues worsened and beating them wasn't an option. Eldon passed away peacefully in hospital on Sunday July 12th. Condolences to Eldon's sister Gloria, her family and relatives. (**Ted Wendland** – thank you Ted... pb)

Madison-Milwaukee Get-Together

The 22nd annual Madison-Milwaukee Get-Together returns to the Milwaukee area this year, on Saturday, August 15. This is an all-band event, open to anyone with an interest in the radio hobby. Your hosts are Tim and Jill Noonan and their sons Chris and Paul, and you can obtain more information by writing to Tim at **DXing2@aol.com** or phoning 414 813-7373.



IRCA PRESIDENT – Phil Bytheway – 9705 Mary NW – Seattle WA 98117-2334
E-mail: phil_tekno@yahoo.com

This year's **Mexican Log** will be **Martin Foltz'** last. We need someone with Access experience to take over the log after it is published.

In addition, we are still looking for a volunteer to take over the duties of **DX Monitor** Editor-in-Chief.

We discontinued the printed bulletin some time ago due to a lack of volunteer for Publisher. However, if someone is now willing to step forward as Publisher, I see no reason why we cannot resume putting out a printed bulletin as well as our email version. Duties would involve getting the .pdf to a local printer (copy shop more likely), addressing envelopes (or printing addresses on the bulletins), stamping and mailing the completed product.

If you are interested in these positions, please contact me at the above address. Thank you... pb



BROADCASTING INFORMATION – Robert J Wien – 14051 Belle Chasse Blvd #415 – Laurel MD 20707
E-mail: wienbob@aol.com Phone: 301-477-3733 Column Deadlines: Saturdays

DATE OF COLUMN: July 04, 18 2015, **Column data span:** June 20-July 18 2015, Data courtesy of **Stationintel.com**, FCC database and member contributions.

CALL CHANGES (2 columns collated – pb)

FREQ	OLD CALL	CITY OF LICENSE	NEW CALL
1010	WELS	Kinston, NC	WWMC
1070	KVKK	Verndale, MN	KSKK
1170	KRUE	Waseca, MN	KOWZ
1200	WEMM	Huntington, WV	WZPS
1270	WZCG	Columbus, GA	WBOJ
1330	KWLO	Waterloo, IA	KPTY
1400	WMJE	Elberton, GA	WSGC
1570	KPIO	Loveland, CO	KKCL
1580	KPTY	Springville, UT	KWLO (new construction permit)
1670	WOZN	Madison, WI	WUSW

FORMAT, SLOGAN AND SILENT STATUS CHANGES (2 columns collated – pb)

FREQ	CALL	CITY OF LICENSE	NEW INFORMATION
580	KTMT	Ashland, OR	old slogan: "ESPN Radio 580", new: "96.1 The Bull"
620	KIGS	Hanford, CA	adds slogan: "KIGS Radio Punjab"
730	WLTQ	Charleston, SC	adds slogan: "Catholic Radio For The Coast"
800	KVOM	Morrilton, AR	was sports, now country, old slogan: "ESPN 800", new: "The Best Country Around"
890	KJME	Fountain, CO	was adult standards, now Westwood One NBC Sports
1000	WRQR	Paris, TN	was Westwood One Classic Hits, now Westwood One Good Time Oldies
1060	WGSB	Mebane, NC	now silent
1070	KSKK	Verndale, MN	was talk, now Westwood One Adult Contemporary, old slogan: "Talk Of The Town", new: "The Arrow"
1120	WKCE	Maryville, TN	was oldies, now news, old slogan: "Hit Parade Radio 1120", new: "1120 News Now!"
1170	KOWZ	Waseca, MN	old slogan: "KRUE Gold 1170", new: "AM 1170"
1200	WAMB	Nashville, TN	was Spanish CHR, now Westwood One Real Country, old slogan: "La Radio De Hoy", new: "Real Country"
1200	WZPS	Huntington, WV	old slogan: "Southern Gospel 1200", new: "Spirit 1200"
1230	WAMM	Woodstock, VA	was silent, back on with new unknown format
1260	WNDE	Indianapolis, IN	old slogan: "Sports Radio 1260 AM WNDE", new: "Fox Sports 97.5"
1270	WBOJ	Columbus, GA	was sports, now Spanish CHR, old slogan: "Fox Sports 1270", new: "Unidos 1270"
1290	WNBN	Meridian, MS	was silent, now black gospel
1300	KSYB	Shreveport, LA	was silent, now religious teaching/black gospel
1330	WVHI	Evansville, IN	adds Yahoo! Sports Radio

1330	WXCT	Southington, CT	was tropical, now oldies
1350	WEGA	Vega Baja, PR	now silent
1350	WNVA	Norton, VA	was silent, now modern rock, adds slogan: "99.3 The X"
1360	KRKK	Rock Springs, WY	was talk, now ESPN Radio network, old slogan: "Talk of the Town", new: "Sports 1360"
1380	KDXE	North Little Rock, AR	now silent
1390	WAJD	Gainesville, FL	was silent, now talk, adds slogan: "Liberal Talk Radio"
1390	WSPO	Charleston, SC	was travel information, now urban contemporary, old slogan: "Charleston Visitor Info 1390", new: "99.3 The Box"
1400	WJWF	Columbus, MS	was silent, now CBS Sports, adds slogan: "103.1 The Team"
1430	KZQZ	St Louis, MO	deletes secondary format, old slogan: "Hot Talk/Cool Oldies", new: "Cool Oldies"
1430	WKOX	Everett, MA	was Spanish hits, now talk, also adds Fox Sports Radio, adds slogan: "Talk 1430"
1440	WSEL	Pontonoc, MS	was silent, now black gospel
1440	WHDM	McKenzie, TN	was Westwood One Classic Hits, now Westwood One Good Time Oldies
1460	WXBR	Brockton, MA	now silent
1490	KOWL	South Lake Tahoe, CA	old slogan: "News/Talk/Sports Leader, new: "The Owl 1490"
1490	WACM	West Springfield, MA	was tropical, now oldies
1490	WRCE	Watkins Glen, NY	was ESPN Radio network, now Westwood One Classic Country, old slogan: "The Race 1490 ESPN Radio", new: "Classic Country 1490 WRCE"
1490	KOGN	Ogden, UT	old slogan: "La Jefa 1490 and 1550", new: "La Jefa 1490"
1500	WKAX	Russellville, AL	old slogan: "Radio Sol", new: "Radio Bama"
1500	WSMX	Winston-Salem, NC	was oldies, now R&B oldies, old slogan: "1500 The Mix", new: "WSMX 1500 The Beach"
1500	WMJL	Marion, KY	now silent
1550	KMRI	West Valley City, UT	old slogan: "La Jefa 1490 and 1550", new: "La Raza"
1560	WZTQ	Centre, AL	was silent, now southern gospel, adds slogan: "Joy Christian Radio"
1570	WABC	Amite, LA	was variety, now oldies
1580	WTCL	Chattahoochee, FL	now silent
1600	WPDC	Elizabethtown, PA	was sports, now oldies
1660	KXOL	Brigham City, UT	was unknown format, now regional Mexican, adds slogan: "La Raza"
1700	WRCR	Ramapo, NY	ex-1300, city of license change from Spring Valley to Ramapo, old slogan: "AM 1300 Radio Rockland", new: "AM 1700 Radio Rockland"

MEMBER CONTRIBUTIONS

Mike Sanburn of Lakewood CA passes on the following from Karl Zuk dated 7/10/15:

- 1) WRKR 1300 Spring Valley, NY to change to 1700 as of Monday, July 13th. Was 500w days – 83w nights. Will be 10 kW days 1 kW nights.
- 2) WAXB 850 Ridgefield CT back on the air after a several day hiatus. This happened again a few days later.

Mike Sanburn passes along the following from Paul Walker dated 7/17/15:

"Music Radio AM 1300" KSET Lumberton/Beaumont TX Is on the air for some testing today through the weekend. It's not in AM stereo yet and not on the air permanently yet, some things are just being tested for now.

1) Happy 4th of July! The US is 239 years old today! Hope your DX is on fire-works! Contributions to the column always welcome. Heading to Cumberland MD this w/e for some R&R. 2) Fort Wayne IN convention finished up last weekend, hope it went very well! We're in the mid-summer doldrums with lots of T-storm static. 3 weeks till I hit the big 55! 73's. **Bob Wien**



WESTERN DX ROUNDUP – Nancy Johnson – 2922 S Olivewood – Mesa AZ 85212-2923
E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: August 14, August 28, September 11, September 25, October 2, October 9, October 16 and October 23. Please use Eastern Local Time.

REPORTERS FOR THIS ISSUE:

- (JCJ) **John Johnson**-2922 S Olivewood, Mesa AZ 85212 **John_Johnson@prodigy.net**
Icom IC-R75, 75' N-S longwire, 70' E-W longwire
- (JP) **Jon Pearkings**-Edmonton AB **jon@pearkins.com**
CCRradio-EP

- 700 CJLI **AB**, Calgary 50KW pattern sends enough signal from SSE to W to be heard while KXLX is on night power, with Day Sys hearing them weak but all alone in Aldergrove (East of Vancouver BC). Try: July 0745-0800; Aug 0830-0845; Sept 0915-0930. Check Listen Live at **am700thelight.com** to confirm whatever you hear. (JP-AB)
- 750 KOAL **UT**, Price 7/3 with good signal 0138 with "KOAL" ID going back into C2C. (JCJ-AZ)
- 1170 KYET **AZ**, Golden Valley 7/3 on top 1170 covering KFAQ 0148 with "KYET AM Stereo 1170" ID. Station has 1W night power, may have been on daytime power since the signal was so strong. (JCJ-AZ)
- 1240 KDGO **CO**, Durango 7/1 weak mixing with 0158 with Durango spots, mention of 4th of July events in Durango. Faded before ID. (JCJ-AZ)
- 1450 KZNU **UT**, Saint George 7/2 mixing with KNOT 0800 with "KNZU Saint George" ID. (JCJ-AZ)

Volume 52 comes to a close with this issue, our list of WDXR reporters will appear at the end of this column. The next WDXR deadline is Friday August 14. – Nancy 7/3 2100

RERORTERS TO WDXR VOLUME 52

Reporter	Total tips/number of issues				
1. Bill Block	335/27	7. Mike Sanburn	34/13	13. Phil Bytheway	1/1
2. John C Johnson	204/33	8. Patrick Martin	33/10	Dennis Gibson	1/1
3. Rick Barton	168/20	9. Stan Weisbeck	21/2	David Gordon	1/1
4. Nigel Pimblett	72/6	10. Reid Wheeler	20/2	John Pearkings	1/1
5. Glen Hansen	43/6	11. Martin Foltz	8/6		
6. Brian Rachford	37/5	12. Larry Godwin	6/5		

The grand total is 985 tips from 16 different reporters. Of the 985 tips, 744 were heard from our Arizona reporters! The top three reporters all live in Arizona. Thank you to everyone who reported to WDXR this past season! – Nancy



CENTRAL DX ROUNDUP – John C Johnson – 2922 S Olivewood – Mesa AZ 85212-2923
E-mail: John_Johnson@prodigy.net
CDXR reports ONLY: cdxr@ircanonline.org

RIDING GAIN

- [EB-MO] **Eric Bueneman**, Hazelwood MO
General Electric Superadio II, Yaesu FRG-7, Worcester Space Magnet II, 150-foot homebrew dipole
- [SP-WI] **Sheryl Paszkiewicz**, Manitowoc WI **spaszdxer@comcast.net**
Tecsun PL 606 & Select-a-tenna

DOWN THE DIAL

- 730 KKDA **TX**, Grand Prairie – 7/9 good signal over WFMW, ACI from WGN 720. 0343 noted with local ads and discussion in Korean. [EB-MO]
910 WSUI **IA**, Iowa City – 6/19 fair signal over other stations. 2135 noted with underwriting announcements, "Morning Edition" promo, "Iowa Public Radio" ID into "As It Happens" from CBC Radio One. [EB-MO]
920 WBAA **IN**, West Lafayette – 6/19 good signal over KDHL, CFRY in WGNU null. 2139 noted with "The Diane Rehm Show", "Morning Edition" promo, "WBAA news both at Nine-20 AM and 101-point-3 FM" ID and underwriting announcements. [EB-MO]
950 KWOS **MO**, Jefferson City – 7/9 good to poor signal, mixing with KRWZ, WORD, WWJ. 0350 noted with C2C, local spots, ABC news and call letters. [EB-MO]
1440 WGEM **IL**, Quincy – 6/19 good signal over KTUV, no ACI from KZQZ 1430. 2213 noted with Chicago Cubs baseball PBP, local spots, "WGEM" mentioned in iPhone app promo. [EB-MO]
1550 WLTI **IN**, Crown Point. 6/29. 2225 with country music, "AM 1550" slogans. New logging for me. [SP-WI]
1570 WFRL **IL**, Freeport – 6/19 fair to poor signal through WBGZ. 2124 noted with Oldies format, "WFRL" jingle ID. [EB-MO]

25 YEARS AGO

25 years ago in the July 18, 1989 issue of "DX Monitor" ... **Bruce Portzer** of Seattle WA stepped down as editor turning publication over to **Don Erickson** and **Ralph Sanserino** ... **David Reitz** of Fern Creek KY enjoyed attending the Sacramento convention. It was his first time being on the west coast ... **Ric Heald** of Sacramento CA recapped the convention. 34 people attended.

OPEN MIKE

It looks like the DX season has ended. Thanks to Sheryl's tip we have a report. This column was typed 7-3-15. 73, John

CDXR REPORTER TOTALS FOR VOLUME 52

1. [EB-MO]	401/28	Eric Bueneman , Hazelwood MO	8. [KDF-IL]	4/1	Karl Forth , Chicago IL
2. [RD-NE]	62/10	Rick Dau , South Omaha NE	9. [SP-WI]	3/2	Sheryl Paskiewicz , Manitowoc WI
3. [FTS-MN]	50/10	Todd Skaine , Woodbury MN	10. [TMJ-IL]	2/2	Tom Jasinski , Shorewood IL
4. [MD-MN]	22/1	Mark Durenberger , Upsala MN	[MS-CA]	2/2	Mike Sanburn , Bellflower CA
5. [TN-WI]	17/6	Tim Noonan , Oak Creek WI	[JRT-MO]	2/1	John Tudenham , Joplin MO
6. [NP-AB]	11/2	Nigel Pimblett , Medicine Hat AB	13. [JP-AB]	1/1	Jon Perkins , Edmonton AB
7. [DBJ-TN]	5/1	David Jones , Nashville TN			

EASTERN DX ROUNDUP – Eric Bueneman (NØUIH) – 631 Coachway Lane – Hazelwood MO 63042-1347
E-mail: n0uiheric@gmail.com DEADLINES: Thursday 2000 ELT

TUNING THE DIALS THIS ISSUE:

- (JTA-NY) **John T Arthur** (AC2NZ), Belfast NY
ICOM IC-756PRO, Alpha Delta DX-A antenna
(KK-VA) **Kraig Krist** (KG4LAC), Manassas VA
Winradio G33DDC software-defined receiver, Wellbrook ALA1530S+ Imperium loop
(JJR-MI) **John J Rieger**, L'Anse MI
Grundig Satellit 750, stock antenna, Terk AM1000 loop

ACROSS THE DIAL

- 790 WAEB **PA**, Allentown – 6/27 0459 noted with "Around town and around the world... available anywhere you want... News Radio 790 WAEB Allentown" legal ID and "Coast-to-Coast AM with George Noory". The signal was noted mixing with WBCD, Radio Reloj (Cuba) and unidentified stations carrying Oldies, ESPN Radio and Spanish. (KK-VA) (Kraig, your Oldies station may be either WJNA Ashland City TN or WLBE Leesburg/Eustis FL. Your ESPN could be WAXY South Miami FL. Your Spanish could be XERC Mexico City DF or HIL Santo Domingo, DR – eb)
1210 KHAT **WY**, Laramie – 7/3 0556 noted with "Latest Country Hits, Buckin' 92" ID. A poor signal was noted; in even with WPHT. (JJR-MI)
1260 WPNW **MI**, Zeeland – 6/12 0633 noted with "1260 the Pledge" ID and mention of 96.5 FM (W243BD Beechwood MI – eb) after a newscast. A poor signal was noted over several other stations. (JJR-MI)
1340 WJRW **MI**, Grand Rapids – 7/4 0619 noted with call letters upon tune in, PSA mentioning "Association of Michigan". A poor signal was noted over other stations. (JJR-MI)
1390 KRFO **MN**, Owatonna – 6/12 0655 noted with "The Letter" by The Box Tops into local news. A very poor signal was noted under KXSS. (JJR-MI)
1410 WNWZ **MI**, Grand Rapids – 6/12 0742 noted with "The Touch, Today's R&B and Old School" ID; the only fit for this frequency. A poor signal was noted in a WIZM fade; rarely noted at L'Anse. (JJR-MI)
1410 KLFJ **MN**, Litchfield – 7/4 0733 noted with mentions of Highway 12 and Litchfield, promo for a local showing of "Mary Poppins". A poor signal was noted atop WIZM. (JJR-MI)
1450 WRCO **WI**, Richland Center – 7/3 0700 noted with an ad for Richland County Bank, legal ID for the AM and FM (WRCO-FM 100.9) into CBS News. A poor signal was noted; not common here. (JJR-MI)
1460 CJOY **ON**, Guelph – 6/12 2139 noted with call letters and DJ chatter. Never heard a jock at night, though voice tracked. A poor signal was noted. (JJR-MI)
1520 WNWZ **OH**, Rossford – 6/12 2157 noted with Urban Gospel music and legal ID. A poor signal was noted in a tight null of KOLM and WMLM. (JJR-MI)
1700 WRCR **NY**, Spring Valley – 6/29 2010 + testing new frequency with live local baseball game; still scoreless in the top of the sixth inning. Generally on top of the frequency in western New York; the signal encountered some fading after 2030. (JTA-NY)

EDITOR'S NOTES

WRCR 1700 may be another DX target for DXers, especially along the East Coast. Midwest and West Coast DXers may have a chance to catch this one if the conditions are right. WRCR is moving from 1300 kHz, where they've been operating 500 watts day/83 watts night DA. At 1700, the station will be 10 kW day/1 kW night ND. What is not known is the status of the city of license change to nearby Ramapo, NY. For you map buffs, Spring Valley is off the New York State Thruway northwest of New York near the New Jersey line. Thanks for your support in Volume 52... see you in Volume 53! 73 and good DX from NØUIH

DX WORLDWIDE – WEST – Patrick Martin – PO Box 843 – Seaside OR 97138
E-mail: mwdxer@webtv.net all times UTC

Next deadline in 4 weeks. All times UTC/GMT.

- 738 **UnID**. Presumed Tahiti at 1108 7/1 with vocal by a woman. (NP-AB)
1035 **UnID**. Traces of woman talking at 1103 7/1. Likely New Zealand. (NP-AB)
+Traces of a woman talking at 1107 7/3. (NP-AB)
1503 **UnID**. 7/3 Traces of talk by a man, then by a different man seemingly at a sports event. (NP-AB)
1584.02 **UnID**. 7/3 Traces of music now and then. Likely 'Coast' as heard here last summer. (NP-AB)
1593.97 **UnID**. 7/3 Traces of man talking. A second, on frequency, carrier was a slight bit weaker. (NP-AB)

PAN-AMERICAN DX ROUNDUP

- 580 **MÉXICO** XEFI, Chihuahua, Chih. 7/5 alone on 580, no sign of KMJ. 0542 out of music with "XEFI" calls given twice very slowly, mention of Chihuahua, Chihuahua and Mexico. (JcJ-AZ)

THANKS TO THESE REPORTERS

- JcJ-AZ **JOHN C JOHNSON**, Mesa AZ
Icom IC-R75, 75' N-S and 70' E-W longwires
NP-AB **NIGEL PIMBLETT**, Dunmore AB
Perseus with a Wellbrook Array

Deadline – Sunday Midnight Central Time.

*** TRANS-ATLANTIC DX ***

- 621 **CANARY ISLANDS//SPAIN** RNE Radio1 synchros, JUN 26 0116 – Fast Spanish talk, bit of music; fair.
+JUN 26 0131 – Woman in Spanish; noisy. [Connelly*O-MA]
783 **MAURITANIA** Radio Mauritanie, Nouakchott, JUN 26 0031 – Bits of chant; poor. [Connelly*O-MA]
1521 **SAUDI ARABIA** BSKSA, Duba, JUN 26 0159 – Man & woman in Arabic; to fair peak. [Connelly*O-MA]

*** PAN-AMERICAN DX ***

- 540 **MÉXICO** XEWA, San Luis Potosí, SLP, JUL 12 0548 – Top-40 music beat, slightly clockwise from south, ie XEWA San Luis Potosí; rather than the usual dominator on 540, XETX, La Ranchera de Paquimé, Nuevo Casas Grandes, Chih. What's happened? [Hauser-OK]
550 **MÉXICO** XEPL, Cuauhtémoc, Chih, JUL 5 0557 – ID for Cuauhtémoc, Chihuahua, 107.1 [?], "la Súper Estación, la frecuencia líder". 550 is XEPL, 5/0.15 kW per IRCA Mexican log 2014, and Cantú as of Feb 2015, but both with FM on 91.3. WTFDA DB shows the only Chih on 107.1 is XHEHB in San Francisco del Oro, simulcasting XEHB 730. Website <http://www.xepl.com.mx/> still matches 91.3 XHEPL with 550 as secondary. [Hauser-OK]
580t **MÉXICO** XEMU, Piedras Negras, Coah, JUL 7 0542 – a Mexican station underneath WIBW in 'Coast to Coast' about Bigfoot, and close to opposite, as if I null WIBW Topeka, I also null this. I am trying to re-confirm since late May that XEMU is still on the air, not yet abandoning AM for FM only as encouraged by the government and already removed from an official listing. It's tough to catch any details with WIBW dominant; eventually I might get something definite during a WIBW fade. At 0600, a tentative XEMU ID as WIBW is going to CBS bong and news. Generally, I suspect that XEMU may be underpowered now from listed 5/2.5 kW ND. Meanwhile with both of them nulled, I am hearing a third station. [Hauser-OK]
590 **MÉXICO** XEFD, Reynosa, Tama, JUL 2 1101 – full ID from XEFD, "info Rio Bravo", atop Omaha or anything else shortly before sunrise here at 1118. [Hauser-OK]
600 **CUBA** CMKV, Radio Rebelde, Urbano Noris, JUN 26 0130 – Music, talk by woman, sped-up 9 note attention signal //670. [Connelly*O-MA]
610 **MÉXICO** XEBX, Sabinas, Coah, JUL 6 0525 – "La Primera, son tres y cuarto" – If I heard that right, automated time-checker is way off! But at 0552 back in whack with "BX, La Primera, 12:52", 5/0.5 kW. [Hauser-OK]
+JUL 7 0554 – XEBX is dominant over KCSP with Mexican music; 0606 ranchera, 0610 ID also for FM sounded like 107.9, and timecheck. Neither IRCA Log nor Cantú had an FM to go with this, but WRTH 2015 does: XHBX on 105.9, Sabinas, Coahuila. [Hauser-OK]
640 **CUBA** Radio Progreso synchros, JUN 26 0131 – Onda de la Alegría slogan; over jumble. [Connelly*O-MA]
640 **GUADELOUPE** Radio Guadeloupe, Pointe-a-Pitre, JUN 26 0201 – Man in French; fair. [Connelly*O-MA]
650 **COLOMBIA** HJKH, RCN Antena Dos, Bogotá, JUN 26 0200 – Antena Dos ID; dominant. [Connelly*O-MA]
660t **MÉXICO** XEACB, Ciudad Delicias, Chih, JUL 5 0600 – music is just finishing, not the NA, and full ID for 98.9 La Lupe, XHACB "la estación líder del Grupo...", singing ID and stops, so is XEACB signing off? IRCA shows until 0700, but that could be non-DST winter timing. [Hauser-OK]
670 **CUBA** CMQ, Radio Rebelde, Arroyo Arenas, JUN 26 0131 – Fanfare music, sports-related talk by man //1180; good. [Connelly*O-MA]
690 **COLOMBIA** HJCZ, W Radio, Bogota, JUN 26 0200 – Woman and two men in Spanish with numerous local Colombia mentions. [Connelly*O-MA]
690 **MÉXICO** XEN, México DF, JUL 6 0554 – Obituary for Jacobo Zabludovsky, well-known news anchorman, formerly TV, and whose radio talkshow in the afternoons had been replaying late at night on XEN México DF, which is surely what I am hearing again now. He died July 2 at age 87. We already had an obit from Raymie Humbert with some audio-video link in the latest DXLD, <http://www.w4uvh.net/dxld1526.txt>. [Hauser-OK]
+JUL 12 0600 – Full ID for XEN in México DF, "100,000 watts" a Grupo Radio Centro station. Yes, but – at night it's supposed to cut to only 5 kW. I wouldn't be surprised if it's more than that, as it easily dominates 690 over Cuba or anything else, such as the open carrier from KS, KGGF. [Hauser-OK]
710 **CUBA** Radio Rebelde synchros, JUN 26 0200 – Man and woman //1180; under WOR. [Connelly*O-MA]
710 **MÉXICO** XEDP, Ciudad Cuauhtémoc, Chih, JUL 2 1108, super-patriotic "Soy Soldado" recitation again, from XEDP; not off frequency and no het. We also hear this around local midnight, 0600v, so presumably circa sign-off and sign-on; or every 5 or 6 hours too? Basta. [Hauser-OK]
720 **MÉXICO** XEDE, Sattilo, Coah, JUL 6 0557 – full ID including: "La Kaliente, Grupo Imagen, Multimedia, 105.7 FM, y 720 AM, La Kaliente; Colonia Universitaria (o Universidad)"; WGN has faded out at the moment, then comes back making slow SAH. Often it's the other way around, with WGN suffering the slow SAH from this, 8/0.25 kW. (I thought they said 103.7, but listed as 105.7 on FM). [Hauser-OK]
730 **COLOMBIA** HJCU, Cadena Melodia, Bogotá, JUN 26 0201 – Chimes, Melodia ID. [Connelly*O-MA]
770 **COLOMBIA** HJJX, RCN, Bogotá, JUN 26 0200 – "RCN Noticias" at 0200:52; over WABC. [Connelly*O-MA]
780 **MÉXICO** XEWGR, Monclova, Coah, JUL 4 0531 – harp music making lo audible het, which is all that WBBM can manage; presumably as previously reported caused by XEWGR, around 779.93. Even when WBBM is audible, often marred by this. Right now, not much WGN or WLS either. [Hauser-OK]
780 **VENEZUELA** YVMN, Radio Coro, Coro, JUN 26 0132 – Excited male talk then old-style vocal; mixed with unID muffled audio talker (ZBVI?). [Connelly*O-MA]
800 **BONAIRE** PJB, TransWorld Radio, Kralendijk, JUN 26 0200 – Woman "Radio Transmundial... desde Bonaire"; over others. [Connelly*O-MA]
810 **BAHAMAS** ZNS-3, Freeport, JUL 10 0925 – Mixing with WGY, WEDO, WYRE and WPIN. 0538 ET male "15-40 AM 104 point 5 FM. The national voice of the Bahamas." [Krist-VA]
810 **COLOMBIA** HJCY, CARACOL, Bogota, JUN 26 0200 – CARACOL Radio ID; over jumble. [Connelly*O-MA]
860 **MÉXICO** XENL, Monterrey, NL, July 6 at 0602, ID including "XENL, Radio Recuerdo, 860 AM y 103.7 HD3, cinco décadas, Multimedia". Listed as 5/2 or 5/1.5 kW; KKOW KS not a problem even nulling XENL, close to right angles. The FM upon which it is a mere HD3 signal is: XHFMTU-FM, 100 kW, Milenio Radio //1090 on main channel per WTFDA database. [Hauser-OK]
870 **CUBA** Radio Reloj synchros, JUN 26 0132 – Reloj ID, beep, "nueve y treinta dos minutos"; fair/dominant. [Connelly*O-MA]
900 **MÉXICO** XEOK, Monterrey, NL, JUL 2 1114 – "Siempre 88-9" mentioned during national weather info from Culiacán to Mérida, 6:14 TC; plug for Oaxaca, 1116 song clip of "Day the Music Died" in English, "Siempre 88-9" again, informativo, fading. Loops SSW and I figure it's the usual XEOK Monterrey, but what FM is it relaying? XHM in the DF, which is an Acir station, and confirming here also on XEOK <http://siempre889.com/la-estacion/cobertura-nacional/> which however does not show the frequency for all of them. [Hauser-OK]
910 **VENEZUELA** YVRQ, Caracas, JUN 26 0200 – Signature doorbells, man in Spanish, tropical male vocal. Audio http://www.qsl.net/wa1ion/audio1/yv_910_20150626_0200z.mp3. [Connelly*O-MA]
940 **BRAZIL** ZYJ453, Rio de Janeiro, JUN 26 0031 – Man in Portuguese; poor. [Connelly*O-MA]
1000 **BRAZIL** ZYK522, Radio Record, Sao Paulo, JUN 26 0116 – Bits of Portuguese talk by man; poor. [Connelly*O-MA]
1010 **BRAZIL** ZYH625, Radio CBN, Fortaleza, JUN 26 0030 – Portuguese talk mixed with WINS, thanks to Rocco Cotroneo for ID help. Audio http://www.qsl.net/wa1ion/audio1/wins+brazil_1010_20150626_0030z.mp3. [Connelly*O-MA]
1070 **COLOMBIA** HJCG, Radio Santa Fe, Bogota, JUN 26 0159 – Radio Santa Fe and Q'Hubo Radio ID's; interference LSB: IBOC, USB: growl carrier on/about 1070.128. [Connelly*O-MA]
1100 **BRAZIL** ZYK694, Radio Globo, Sao Paulo, JUN 26 0202 – Woman in Portuguese; fair peak, coming up over others. [Connelly*O-MA]
1100 **MÉXICO** XETGO, Tlaltenango, Zac, July 4 at 0536, Mexican music. 0540 "Radio Cañón, 90.1 FM" ID, dominating, nothing from WTAM, so XETGO, whose FM I also DXed directly during the big June 23 sporadic E opening. Strange how tonight, some US 'clears' are inaudible, others normal. [Hauser-OK]
1130 **BRAZIL** ZYJ460, Radio Nacional, Rio de Janeiro, JUN 26 0132 – Woman in Portuguese, then female Portuguese vocal; under WBBR. [Connelly*O-MA]
1170 **COLOMBIA** HJNW, CARACOL, Cartagena, JUN 26 0200 – CARACOL Radio ID; over jumble. [Connelly*O-MA]
1180 **CUBA** Radio Rebelde synchros, JUN 26 0201 – Rebelde talk //1620; slight echo. [Connelly*O-MA]
1220 **BRAZIL** ZYJ258, Radio Globo, Rio de Janeiro, JUN 26 0030 – Audio sweeps, Globo ID; good. Audio http://www.qsl.net/wa1ion/audio1/globo-1220_20150626_0030z.mp3. [Connelly*O-MA]
+JUN 26 0116 – Globo ID, mention of fútbol; over WWSF-ME oldies. [Connelly*O-MA]
+JUN 26 0200 – Sweep tones, Globo ID, jingles; to good peak. [Connelly*O-MA]
1280 **BRAZIL** ZYJ455, Super Radio Tupi, Rio de Janeiro, JUN 26 0030 – Portuguese talk with Tupi ID; good / dominant. Audio http://www.qsl.net/wa1ion/audio1/tupi-1280_20150626_0030z.mp3. [Connelly*O-MA]
1520 **COLOMBIA** HJLI, Radio Libertad, Bogotá, JUN 26 0130 – Mention of Julia, then "para Colombia... CARACOL Radio"; interference LSB: 1510 WMEX slop, USB: Saudi 1521 het. [Connelly*O-MA]

1610 **ANGUILLA** Caribbean Beacon, The Valley, JUN 26 0202 – Slow delivery US male preacher; over others. [Connelly*O-MA]
 1620 **CUBA** Radio Rebelde synchros, JUN 26 0200 – Rebelde talk //1180; mixed with WDHP. [Connelly*O-MA]
 1620 **US VIRGIN ISLANDS** WDHP, Fredriksted, JUN 26 0200 – Caribbean music, accented talk by man; mixed with Cuba. [Connelly*O-MA]

CONTRIBUTORS

[Connelly*O-MA] **Mark Connelly**, WA1ION, Orleans, Cape Cod MA, USA (GC=41.8072 N/69.9537 W)
 Beach area at northeast end of Tonset Road, near Weeset Road map: http://chowdanet.com/mark/pictures/orleans_dxsite1.gif
Receiver: Microtelecom Perseus
Antenna: cardioid-pattern Micro-SuperLoop on car roof, square, 2 m per side, nulling west, to W7IUUV amp (gain ~ 20 dB). For similar antenna, see http://www.qsl.net/wa1ion/micro_superloop.htm

[Hauser-OK] **Glenn Hauser**, Enid OK, USA
 Mostly DX-398 with internal antenna or Sony SRF-59

[Krist-VA] **Kraig Krist**, KG4LAC, Manassas VA, USA
Receiver: Winradio G33DDC SDR
Antenna: Wellbrook ALA1530S+ Imperium Loop

73, Brandon



DX FORUM – Richard C Evans – 3908 Grand Oak Ave Apt 4 – Indianapolis IN 46237
E-mail: REvans5435@yahoo.com **DEADLINES: Saturdays**

Deadlines: 8/15, 8/29, 9/12, 9/26, 10/3, 10/10, 10/17 and 10/24

Richard Evans, Apt. 4, 3908 Grand Oak Avenue, Indianapolis Indiana 46237-4694

Well, I survived the Fort Wayne convention this month. Had a great time there. Some memories for me: Turning the wrong way off I-69 when I got to Fort Wayne and winding up almost downtown in the middle of the Festival and trying to find my way back on the one-way streets; seeing people I hadn't seen in 27 years or, sometimes, 39 years; talking with Neil Wolfish about the traffic problems in Toronto; talking with PLS about his thousands of books; the tour of DeBrand Chocolates (I expected a big factory, like Hersheys, but it turned out to be so small); talking with Tim Noonan about his sons and finding out that his older son will be working at a new store my employer has built up there in the Milwaukee area; the tour of WOWO-1190 and the engineer there; the dinner and Lisa Fybush's 99 year old grandmother being the speaker, plus the Q&A we had with her afterwards (I hope I am as spry as her when I hit that age); and the wedding reception on Saturday night where the music was heard thru most, if not all, the motel. I couldn't help thinking about the 1986 NRC convention in New Castle DE where the motel shut down the meeting room because the airline pilots in the next room needed their sleep! Listening to the people there talking about their AM and FM catches is getting my hopes and interest up again. I am interested in finding a new and better radio and the first step on that might be the website for Universal Radio over in Ohio. One of the guys at the convention passed along the info to me. www.rfun.com. I came back to find out I will be working an extra night a week until we get someone to cover the third shift nights I don't normally work. More thoughts next time. Any thoughts about the convention from others?? Deadlines for the upcoming season are at the top of the column. One last thought... I work with a college student who is from a small town 40 miles northwest of Fort Wayne. I mentioned touring WOWO and she said who? 21 years old and she had never heard of WOWO. Sad. 73.



SPORTCHANNELS IRCA – Compiled by: Eric Bueneman (NØUIH)
E-mail: n0uiheric@gmail.com

Welcome to another edition of SportChannels! Baseball season is well under way, and we're now taking a look at more MLB network lists. In the last edition, we took a look at the network lists from the American League East and Central, as well as the National League East and Central. We didn't include a network list for the Boston Red Sox, which is presented here. This time, it's the Western division in each league. The National League West is the division in which the defending World Series champions, the San Francisco Giants, play in. Flagship stations are in **boldface** type, Spanish language flagships in **boldface italics**, and Spanish language affiliates in *italics*.

AMERICAN LEAGUE – WESTERN DIVISION

HOUSTON ASTROS English: Robert Ford, Steve Sparks, Spanish: Francisco Romero, Alex Treviño, Web: astros.com

AM	1230 KSIX Corpus Christi, TX	1400 KBYG Big Spring, TX	FM
760 KTKR San Antonio, TX	1260 KSML Diboll, TX	1400 KTEM Temple, TX	98.9 K255AR Trinity, TX (1)
790 KBME Houston, TX	1280 KWHI Brenham, TX	1440 KPUR Amarillo, TX	103.9 KMHT-FM Marshall, TX
910 KNAF Fredericksburg, TX	1300 KSYB Shreveport, LA	1440 KETX Livingston, TX	105.7 K289BU Waco, TX (2)
1010 KBBW Waco, TX	1300 KVET Austin, TX	1450 KMHT Marshall, TX	106.3 K292FE Big Spring, TX (3)
1010 KLAT Houston, TX	1310 KEZM Sulphur, LA	1470 KWRD Henderson, TX	
1150 KZNE College Station, TX	1340 KKAM Lubbock, TX	1560 WSLA Slidell, LA	
1220 KMVL Madisonville, TX	1340 KVNN Victoria, TX	1590 KGAS Carthage, TX	

Relays: 1) KMVL 1220, 2) KBBW 1010, 3) KBYG 1400

LOS ANGELES ANGELS OF ANAHEIM English: Terry Smith, Jose Mota, Spanish: Amaury Pi-Gonzalez, Web: angels.com

710 KSPN Los Angeles, CA	1010 KXPS Thousand Palms, CA	1240 KLOA Ridgecrest, CA	1400 KKZZ Santa Paula, CA
830 KLA Orange, CA	1100 KWWN Las Vegas, NV	1320 KFNZ Salt Lake City, UT	1490 KBMT Banning, CA
910 KRAK Hesperia, CA	1220 KWKU Pomona, CA	1330 KWKW Los Angeles, CA	1520 KVTA Port Hueneme, CA

OAKLAND ATHLETICS English: Ken Korach, Vince Cotroneo, Ray Fosse, Spanish: Amaury Pi-Gonzalez, Manolo Hernandez-Douen, Web: athletics.com

AM	1010 KIQI San Francisco, CA*	1410 KMYC Marysville, CA	FM
790 KEJY Eureka, CA*	1140 KHTK Sacramento, CA	1440 KVON Napa, CA	92.7 K224ER Eureka, CA (1)
790 KFPT Clovis, CA	1240 KPOD Crescent City, CA	1490 KBLF Red Bluff, CA**	95.7 KGMZ San Francisco, CA
950 KAH1 Auburn, CA	1270 KXBX Lakeport, CA	1490 KRKC King City, CA	104.9 K285FW King City, CA (2)
970 KESP Modesto, CA	1300 KWRU Fresno, CA*		
990 KATD Pittsburg, CA*	1340 KATA Eureka, CA		

Relays: 1) KATA 1340, 2) KRKC 1490, * denotes station airs only night and weekend home games, ** station airs night and weekend games only

SEATTLE MARINERS English: Rick Rizzs, Aaron Goldsmith, Dave Sims, Spanish: Alex Rivera, Julio Cruz, Web: mariners.com

550 KTZN Anchorage, AK	980 KTCR Selah, WA	1230 KIFW Sitka, AK	1350 KRLC Lewiston, ID
710 KIRO Seattle, WA	990 KTHH Albany, OR	1240 KTIK Pendleton, OR	1430 KBRC Mount Vernon, WA
800 KINY Juneau, AK	1020 KWIQ Moses Lake North, WA	1240 KXLE Ellensburg, WA	1450 KONP Port Angeles, WA
900 KKRT Wenatchee, WA	1030 KMAS Shelton, WA	1300 KLER Orofino, ID	1470 KELA Centralia, WA
910 KMTT Vancouver, WA	1040 CKST Vancouver, BC	1320 KXRO Aberdeen, WA	1490 KFKB Forks, WA
920 KXLY Spokane, WA	1080 KVNI Coeur d'Alene, ID	1320 KGDC Walla Walla, WA	1490 KLOG Longview, WA
930 KTKN Ketchikan, AK	1170 KPUG Bellingham, WA	1340 KJOX Kennewick, WA	

The Spanish language audio is available on the second audio program of Root Sports Northwest. The list also has a KBDF on 107.7 MHz in Roseburg, OR; there is no listing of such a station on Radio Locator or Doug Smith's list.

TEXAS RANGERS English: Eric Nadel, Matt Hicks, Spanish: Eleno Ornelas, Jose Guzman, Web: texasrangers.com

AM	1320 KNCB Vivian, LA	1560 KEBC Del City, OK	97.9 K250AX Siloam Springs, AR (4)
600 KTBB Tyler, TX	1330 KTON Cameron, TX	1560 KZQQ Abilene, TX	98.5 KBXJ Los Ybañez, TX
670 KHGZ Greenwood, AR	1350 KCAR Clarksville, TX	1580 KGAF Gainesville, TX	98.9 K255BH Glenwood, AR (5)
690 KPET Lamesa, TX	1380 KBWD Brownwood, TX	1590 KLRK Mexia, TX	99.1 K256BW Waco, TX (6)
710 KGNC Amarillo, TX	1380 KHEY El Paso, TX	1660 KRZI Waco, TX	99.5 KAKS Huntsville, AR
900 KCLW Hamilton, TX	<i>1390 KDQN DeQueen, AR</i>	FM	100.7 K264AU Sheridan, AR (7)
900 KPYN Atlanta, TX	1450 KSNY Snyder, TX	88.5 KMQX Mineral Wells, TX	100.7 KPXI Overton, TX
960 KGKL San Angelo, TX	1460 KCLE Burleson, TX	89.1 KSQX Springtown, TX	100.9 K265DV Temple, TX (8)
1090 KVOP Plainview, TX	1470 KGND Vinita, OK	91.1 KQXE Eastland, TX	101.3 K267AI Moody, TX (9)
1150 KZNE College Station, TX	1480 KBXD Dallas, TX	92.7 KBEU Bearden, AR	102.9 K275AS Trinity, TX (10)
1230 KSEY Seymour, TX	1490 KBIX Muskogee, OK	92.7 KASR Vilonia, AR	<i>103.1 KHHL San Antonio, TX</i>
1230 KSST Sulphur Springs, TX	1490 KKBI Broken Bow, OK	92.7 KJVC Mansfield, LA	103.9 KMHT-FM Marshall, TX
1240 KVLP Alpine, TX*	1490 KRUI Ruidoso, NM	92.7 KALP Alpine, TX**	104.3 KGAS-FM Carthage, TX
1250 KZDC San Antonio, TX	1490 KBST Big Spring, TX	94.3 KSEY-FM Seymour, TX	104.3 KTTU-FM Brownfield, TX
<i>1260 KBHC Nashville, AR</i>	1490 KNEL Brady, TX	94.5 K233DB San Antonio, TX (1)	104.5 KBEF Gibsland, LA
1260 KLGO Elgin, TX	1490 KPLT Paris, TX	95.5 K238BF Atlanta, TX (2)	105.1 KWMW Maljamar, NM
1290 KUOA Siloam Springs, AR	<i>1490 KYZS Tyler, TX</i>	95.5 KXPN Scotland, TX	105.3 KRLLD-FM Dallas, TX
1290 KIVY Crockett, TX	1540 KZMP University Park, TX	96.1 KITO Vinita, OK	105.5 KNAS Nashville, AR
1300 KSYB Shreveport, LA	1550 KYAL Sapulpa, OK	96.3 K242BC Paris, TX (3)	106.9 KYXK Gurdon, AR
1310 KZYP Malvern, AR	<i>1550 KNSH Amarillo, TX</i>	97.1 KYAL-FM Muskogee, OK	

Relays: 1) KZDC 1250, 2) KPYN 900, 3) KPLT 1490, 4) KUOA 1290, 5) KHGZ 670, 6) KRZI 1660, 7) KZYP 1310, 8) KTON 1330, 9) KLRK 1590, 10) KIVY 1290
* denotes the station carries weekend games only, ** carries weekday games only (The Rangers' list also has a KHLE 100.9 at Fort Hood, but there's no listing of such a station on Radio Locator or Doug Smith's list.)

NATIONAL LEAGUE – WESTERN DIVISION

ARIZONA DIAMONDBACKS English: Greg Schulte, Tom Candiotti, Jeff Munn, Spanish: Oscar Soria, Rodrigo Lopez, Richard Saenz, Web: dbacks.com

AM	1230 KINO Winslow, AZ	FM	<i>102.5 XHIQ Ciudad Obregón, SO</i>
620 KTAR Phoenix, AZ	1340 KIKO Globe, AZ	<i>90.7 XHLDC Magdalena de Kino, SO</i>	103.3 KZKE Seligman, AZ
780 KAZM Sedona, AZ	1400 KSUN Phoenix, AZ	92.1 KZUA Holbrook, AZ	<i>104.7 XHCNE Cananea, SO</i>
980 KNTR Lake Havasu City, AZ	1400 KCYK Yuma, AZ	94.3 KDDL Chino Valley, AZ	104.9 K285DL Tucson, AZ (3)
1130 KQNA Prescott Valley, AZ	1400 KRVZ Springerville, AZ	95.1 K236BH Kingman, AZ (1)	105.1 KBTK Kachina Village, AZ
<i>1130 XEHN Nogales, SO</i>	1490 KFFN Tucson, AZ	<i>96.5 XHITA Puerto Peñasco, SO</i>	106.7 KNKI Pinetop, AZ
<i>1210 KEVT Sahuarita, AZ</i>		99.9 K260BL Prescott, AZ (2)	
1230 KATO Safford, AZ		<i>101.1 XHVSS Hermosillo, SO</i>	

Relays: 1) KZKE 103.3, 2) KQNA 1130, 3) KFFN 1490

COLORADO ROCKIES English: Jack Corrigan, Jerry Schemmel, Spanish: Javier Olivas, Salvador Hernandez, Carlos Valdez, Web: rockies.com

AM	1050 KTBL Los Ranchos de Albuquerque, NM*	1350 KCCY Pueblo, CO	FM
610 KCSR Chadron, NE	<i>1150 KNRV Westminster, CO**</i>	1440 KRZD Wray, CO	87.7 KSHW-LP Sheridan, WY***
610 KNML Albuquerque, NM	1240 KFBC Cheyenne, WY	1450 KVOW Riverton, WY	94.5 KRFD Merino, CO
730 KLOE Goodland, KS	1260 KPOW Powell, WY	1450 KBFS Belle Fourche, SD	94.5 KMLD Casper, WY
850 KOA Denver, CO	1290 KOWB Laramie, WY	1470 KKTY Douglas, WY	102.3 KSPK Walsenburg, CO
930 KIUP Durango, CO	1320 KFNZ Salt Lake City, UT		103.1 KYDT Sundance, WY
960 KNEB Scottsbluff, NE	1340 KTMM Grand Junction, CO		106.1 KNFO Basalt, CO
1010 KSIR Brush, CO			

* denotes alternate for KNML 610, ** home games only (Spanish), *** low-power analog TV station operating as an FM station ("Franken-FM")

LOS ANGELES DODGERS English: Vin Scully, Rick Monday, Charley Steiner, Kevin Kennedy, Spanish: Jaime Jarrín, Jorge Jarrin, Fernando Valenzuela, no Korean language play-by-play information available, Web: dodgers.com

AM	1220 KHTS Canyon Country, CA	1340 WSTA Charlotte Amalie, St Thomas, USVI*	FM
570 KLAC Los Angeles, CA	1230 KBOV Bishop, CA	1400 KSHP North Las Vegas, NV	<i>96.1 KSLK Visalia, CA</i>
610 KAVL Lancaster, CA	1230 KYVA Gallup, NM	1440 KFNY Riverside, CA	100.5 WSJD Princeton, IN*
<i>910 KOXR Oxnard, CA</i>	1280 KXTK Arroyo Grande, CA	1450 KVEN Ventura, CA	101.7 KQTM Rio Rancho, NM
920 KPSI Palm Springs, CA	1340 KCBL Fresno, CA	<i>1480 KSBQ Santa Maria, CA</i>	
970 KHTY Bakersfield, CA	1340 KGHM Midwest City, OK	1540 KMPC Los Angeles, CA**	
1020 KTNQ Los Angeles, CA			

* denotes that the station carries a partial schedule, ** broadcasts home games in Korean

SAN DIEGO PADRES English: Ted Leitner, Bob Scanlan, Spanish: Eduardo Ortega, Web: padres.com

860 XEMO Tijuana, BCN (Spanish) 1090 XEPRS Rosarito, BCN (English)

In addition, the "Padres Social Hour", hosted by Jesse Agler, airs over XEPE 1700 Tecate, BCN and is simulcast on Fox Sports San Diego.

SAN FRANCISCO GIANTS English: Jon Miller, Duane Kuiper, Mike Krukow, Dave Flemming, Spanish: Erwin Higueros, Tito Fuentes, Web: sfgiants.com

680 KNBR San Francisco, CA (English) 860 KTRB San Francisco, CA (Spanish)

AMERICAN LEAGUE – EASTERN DIVISION (addendum from last issue)

BOSTON RED SOX English Language network (thanks to Karl Zuk, N2KZ)

AM	1250 WGAM Manchester, NH	1440 WVEI Worcester, MA	96.3 WJJB Portland, ME
550 WDEV Waterbury, VT	1280 WPKZ Fitchburg, MA	1480 WSAR Fall River, MA	96.3 WEII Dennis, MA
560 WCKL Cobleskill, NY	1300 WPNH Plymouth, NH	1480 WCFR New London, NH	96.3 WIFYX Walpole, NH
620 WZON Bangor, ME	1310 WLOB Portland, ME	1490 WGCH Greenwich, CT	96.7 WQSO Rochester, NH
800 WLAD Danbury, CT	1310 WRSB Canandaigua, NY	1490 WMRC Milford, MA	99.3 WKTJ-FM Farmington, ME
830 WCRN Worcester, MA	1320 WCVR Randolph, VT	1590 WOKR Brockport, ME	99.7 WNTK New London, NH
850 WEEI Boston, MA	1340 WSTJ Saint Johnsbury, VT	FM	100.1 WHOU Houlton, ME
860 WSBS Great Barrington, MA	1340 KSGT Jackson, WY	92.7 WQDY Calais, ME	101.3 WCPV Essex, NY
900 WGHM Nashua, NH	1350 WINY Putnam, CT	93.5 WEEY Swanzey, NH	101.5 WZEI Meredith, NH
980 WOFX Troy, NY	1370 WDEA Ellsworth, ME	93.5 KJAX Jackson, WY*	103.1 WZLO Dover-Foxcroft, ME
1010 WCNL Newport, NH	1380 WSYB Rutland, VT	93.7 WEEI-FM Lawrence, MA	103.7 WVEI-FM Westery, RI
1080 WTIC Hartford, CT	1390 WEGP Presque Isle, ME	93.9 WLVB Morrisville, VT	104.9 WBOQ Beverly, MA
1120 WKAJ Saint Johnsville, NY	1400 WILI Williamantic, CT	93.9 WWOD Woodstock, VT	105.5 WBYA Islesboro, ME
1230 WNAW North Adams, MA	1400 WLTN Littleton, NH	95.3 WALZ Machias, ME	105.5 WWEI Easthampton, MA
1230 WMOU Berlin, NH	1400 WTSL Hanover, NH	95.9 WPEI Saco, ME	107.7 WTPL Hillsboro, NH
1240 WSYY Millinocket, ME	1420 WBSM New Bedford, MA	96.1 WDEV-FM Warren, VT	
1240 WFTN Franklin, NH	1420 WBEC Pittsfield, MA		

* denotes Red Sox list has this as KSGT-FM on 93.3

That wraps it up for the Major League Baseball lists... and for Volume 52. Football season is around the corner, so we'll start featuring the network lists for the National Football League in the next edition. Until next time, 73 and play hard!



June 2015 Rockwork 4 Ocean Cliff DXpedition
Chasing South Pacific DX with Nature's Finest Enhancement
By Gary DeBock, Chuck Hutton and Tom Rothlisberger July 2015



Introduction: Four years ago a wacky theory related to the development of FSL antennas was introduced to the medium wave DXing community – that an ocean side cliff's flat shape should be able to greatly enhance the reception of transoceanic DX signals. The theory was based upon the potent signal boosts observed on a car radio when it goes up a hill, away from a distant DX station. At first the theory sounded like little more than science fiction, especially because traditional DXpedition antennas had never been deployed at such narrow ocean cliff venues. But what if small antennas augmented by such ocean cliff propagation boosts proved to be more than potent enough to compete with much larger antennas at sea level? Or even more fascinating, what if the use of a small broadband antenna at one of these ocean cliff sites enabled a hobbyist to break an all-time transoceanic DXing record established over many decades?

As most west coast DXers already know, during last year's July DXpedition Chuck Hutton's use of a small 15' x 15' flag antenna at the Rockwork 4 DXpedition site enabled him to far exceed the best New Zealand results ever achieved in North America, including decades of DXpeditions to the flat ocean beach site of Grayland, Washington. With 87 Kiwi stations received over a two day trip, Chuck's results astonished the entire TP-DXing community. The theory of enhanced ocean cliff propagation was for real! As such, there was great anticipation for another summer DXpedition to the Rockwork 4 ocean cliff site just north of Manzanita, Oregon – with its trademark 400' (122m) plunge, straight down to the Pacific.



The DXpedition Team: Returning for this trip would be Chuck and myself, and we would be joined by another Perseus-SDR DXpeditioner, Tom Rothlisberger, with interest in both Longwave NDB and Medium Wave transoceanic broadcast reception. Both Chuck and Tom would set up small broadband antennas (an 18' x 18' corner-fed loop for Chuck, and a 3-sided center-fed loop for Tom, with about 12 feet per side, having one end anchored to a pine tree just beyond the cliff edge). Chuck and Tom would set up at the narrow Highway 101 turnoff site for Perseus-SDR spectrum capture, while I would be live DXing with Ultralight radios [boosted by two of the largest Ferrite Sleeve Loop (FSL) antennas on the planet, 17" and 15" models].

Preparation: This would be the first attempt to accommodate three serious DXers with separate antennas at the narrow ocean cliff site, and although we had no guarantee that the Highway 101 real estate would be open and available for our use, we did attempt to work out an advance plan of where we would set up. Unfortunately we didn't figure on a collection of sleeping squatters over the weekend, which made matters quite interesting at times.



Ultralight Radios, SSB Spotting Receiver and FSL Antennas: During this DXpedition both a new 17" FSL (left) and the new 7.5" loopstick C.Crane Skywave Ultralight model (right) would face their first ocean cliff tests. A newly modified Sony ICF-2015 SSB spotting receiver was also prepared for the trip, along with backup portables to compensate for Murphy's Law adventures. The rare chance to take a solo trip to Oregon made it possible to cram additional FSL antennas (a 15", two 12" MW and one 12" LW), PVC stands and remote recording devices into the Toyota Corolla – which probably ended up with the greatest collection of ferrite this side of the Ukraine.

Unplanned Overnight Departure: After loading up my car on June 24th for an early morning departure from my home in (the South Pacific DXing wasteland of) Puyallup, Washington, I noticed that severe auroral effects were still in effect on MW after the latest solar tantrum. As such, I began to wonder how this auroral propagation could affect the South Pacific signals at the Rockwork 4 ocean cliff in Oregon. Since my car was packed by 11:30 PM and I



7.5" Loopstick C.Crane "Skywave"

knew that a quick trip to Rockwork 4 would take about 3.5 hours, I concocted a wild plan to leave for the cliff immediately, and arrive there around 3:00 AM (1200 UTC) for an extra sunrise DXing session. My wife didn't seem very amused by this fanatical idea, especially after she discovered that I had no motel room booked until 3:00 PM the next afternoon. But I assured her that this overnight trip to Oregon would be conducted safely – and that the special aurora propagation was a rare opportunity, and not to be missed (somewhat of an exaggeration, I'll admit).

DAY ONE: (Thursday, June 25) As my crammed Toyota Corolla rolled down I-5 during the bizarre early morning hours I kept a special watch for Washington and Oregon state highway patrolmen – very leery of having to explain what the multiple subversive-looking items in my car were. As I rolled up to the Rockwork 4 turnoff at 3:20 AM (1030 UTC) I gave the band a quick check with my SSB spotting receiver, and discovered that South Pacific signals were still fairly subdued – or was this the negative effect of auroral propagation? At the first sign of daylight around 1140 UTC propagation on 531 kHz began to pick up, though, and I noticed the first strange effect of the aurora – the usual regular 531-PI (5 kW Samoan language station in Auckland, NZ) wasn't managing a trace, and an unknown Australian station (which turned out to be 4KZ) had the frequency all to itself. The rest of the band opened up around 1200, with the usual Kiwi regulars on 567, 594, 603, 675 and 765 all having average signals – but with Australia doing better than average at this "Kiwi Cliff." 531-4KZ was riding the auroral trend, along with 576-2RN, and a mystery Australian station on 585 (either 2WEB or 7RN). The primary beneficiary of the aurora was another DX country, though – 738-Tahiti. At first listen around 1216 the station's R & B music sounded freakishly strong and garish, no matter how much I reduced the receiver volume. By 1228 the station's African music was pounding in at a front-end-crunching level, making the UltraTralight radio sound like it was having audio problems. But when tuned away from Tahiti, everything sounded normal. Besides the freakishly strong signal from 738 the Kiwi big gun 567-RNZ also hit a huge level around 1236, but without the Tahiti-like distortion. Overall propagation on the first morning was interesting, but kind of a mixed bag because of the aurora. Nothing really rare or exotic had shown up, although this was the first appearance of 531-4KZ at this cliff – which almost always features 531-PI at an overwhelming level.

DAY TWO: As I rolled up to the Rockwork 4 turnoff at the bizarre hour of 0400 local time (1100 UTC) my July DXpedition partner Chuck Hutton was already setting up his 18' x 18' corner fed loop antenna for Perseus-SDR spectrum capture in the total darkness – at the southeast end location where I usually set up my FSL antennas. One of the weekend's UnID sleeping motorists had parked his car right in the prime antenna setup spot, forcing Chuck and I to set up our DXing stations wherever we could find space. The sleeping motorist was soon surrounded by three subversive-looking FSL antennas at fairly close range – probably motivating him to stay in his vehicle, and leave us alone. Last July Chuck had stumbled across two exceptional days of New Zealand propagation to set his all-time Kiwi reception record, but the propagation on this morning turned out to be somewhat of a mixed bag. The band was in a transition from auroral to normal summer propagation, and although the Kiwi big guns had their usual strong signals, very few exotic stations were showing up. Unlike the day before 738-Tahiti was back to normal strength under the San Francisco splatter, and all the Australian stations had dropped off. 531-PI was dominating its frequency without any Aussie competition. A search for the more obscure Kiwi stations on 558, 576, 585 and 936 came up empty, though, and even the new 702-Magic was playing hard to get. Best signals of the morning for me were on 567, 603, 684, 765 and 1008, but these were all fairly regular NZ catches at this ocean cliff site. Chuck's antenna had been designed to match an equivalent one on the flat ocean beach at Grayland, Washington, and at least on this pedestrian morning it probably was a fairly even contest. Propagation, luck and population at the ocean cliff site were all about to improve dramatically on the third day, however.



DAY THREE: Even at 0400 local time the Rockwork 4 turnoff site looked like the center of commotion as I drove up in my Toyota Corolla, with both Chuck and Tom Rothlisberger setting up sizable (for this narrow site) broadband loops in the total darkness, complete with flashlights and other gear (left). They were in the middle of the turnoff, while a couple of UnID sleeping motorists were parked at each end of Rockwork 4. As I surveyed this impossible situation and contemplated an FSL antenna setup at Rockwork 3 (about 500 feet down Highway 101 to the northwest), I decided to push my luck, and attempted to set up the FSL antennas at my usual spot at the extreme southeast corner of Rockwork 4 – hoping that the sleeping motorist would stay asleep, despite the fact that setting up three FSLs is not an easy or quiet operation. Unfortunately this activity seemed to be the last straw for the "gentleman" in the vehicle, who had apparently already viewed the two broadband antenna setups without much appreciation. After a few parting words he drove off in a huff – leaving me with enough FSL antenna space to enjoy what turned out to be a dream session.

This was Tom's first visit to the ocean cliff site, and with creativity he had taken advantage of a small pine tree about 20 feet beyond the rock wall to anchor one leg of his triangular broadband loop. Unlike the previous day Chuck was able to set up his 18' x 18' corner-fed loop at his preferred spot, and after my occupation of the SE corner only one "sleeping squatter" was left at Rockwork 4. The DXing session started off without much success as both Tom and I noticed that 1017-Tonga was still on with a moderate carrier at 1155, but neither of us could make a decent recording with the Spanish pest splatter. The Kiwi propagation seemed fairly routine early on around 1205, and after setting up his Perseus and making a short remark about "you pay your money and take your chances," Chuck started a short nap in his vehicle before the long drive home to Seattle. Tom and I kept checking the band repeatedly, and at 1219 the new Kiwi station 702-Magic made its first decent appearance at the cliff with its oldies format. Shortly after this some real Kiwi Magic started to hit the cliff site, as the rare, low-powered New Zealand stations on 558, 576, 585 and 936 suddenly came into play around 1230. I was fascinated by the signal from 936-Chinese Voice (1 kW) from Auckland, much stronger than I had ever heard it during any DXpedition. 558-Radio Sport was another extremely rare Kiwi station that managed decent signals at 1235, and the new 576-Star (2.5 kW, ex-The Word) was finally strong enough to parallel with 657-Star at 1240. New Zealand propagation had hit the floodgates! This was the same kind of Kiwi Magic that had given Chuck his best-ever New Zealand results last July, and Tom was experiencing it on his first day at the cliff. Finally around 1250 we woke up Chuck, and informed him that he was once again in the middle of a Kiwi propagation bonanza. Just before dismantling his antenna and making the trip back to Seattle, he and I wondered whether the Grayland group (Nick and Bruce) had received the same kind of Kiwi fireworks that we had enjoyed during this session.

DAY FOUR: Upon arrival at Rockwork 4 in total darkness at 1130 I was dismayed to find one of the largest RVs on the planet parked right in the middle of the turnoff, oblivious to the antenna setup hassle that this created for Tom and myself. After a brief discussion we decided to set up on opposite ends of the turnoff, although we would not be able to communicate with each other around the large RV. To make matters more interesting there was a fairly stiff wind at the ocean cliff site, making it necessary to secure the FSL antennas to large rocks using plastic tie wraps. South Pacific propagation more than compensated for the hassle, though, as Tom and I enjoyed another exceptional session dominated by Aussie-Kiwi snarls on several MW frequencies, and dream propagation to chase Longwave NDBs from the South Pacific.

Although Tom had set up his Perseus-SDR to record Longwave frequencies I had figured that the chance of tracking down South Pacific NDBs was practically nil, and left my 12" Longwave FSL in the car. It wasn't until long after the session that I found out that Tom had made out like a bandit, receiving multiple low-power NDBs from New Zealand, Australia, Tahiti and other areas at strong volume. He had done this by recording during the period from 1210-1235 (bright daylight at the cliff), when I had figured that Longwave propagation should have collapsed. In any case the MW propagation was also exceptional, with wild Aussie-Kiwi snarls on 567, 774, 792 and 828 the order of the session. The overachieving Maori station 765-Radio Kahungunu (2.5 kW) managed its usual S9 signal at 1205, and the 963-Star made its first appearance at 1225. Although Tom and I were separated by the huge RV we both independently noticed a decent carrier on 558 around 1233, which seemed to feature the typical Polynesian choral music of Radio Fiji One. This was quite a surprise, since neither the WRTH nor Bruce's Pacific-Asian Log (updated just before the DXpedition) showed this station to be active on the frequency.

After completing another "fantastic" session Tom did come around the large RV to share his DXing impressions with me, obviously very happy with both the ocean cliff propagation and his South Pacific results. He very much wanted to spend another morning session at Rockwork 4, but unfortunately wasn't able to find a motel room on the ocean coast during the busy summer weekend. His two-day DXpedition results were probably about the best that anyone could have hoped for during their first trip to Rockwork 4, however – similar to the Kiwi propagation bonanza that Chuck had enjoyed last July.

DAY FIVE: As I drove up to Rockwork 4 at 1130 on this Monday morning I was amazed to find the turnoff completely free of sleeping motorists – who apparently cleared out after the weekend. There was a slight drizzle on the ocean cliff as I set up my FSL antennas in the total darkness, but the South Pacific propagation more than compensated for this slight inconvenience.



On this final day all the Australian MW signals seemed to fall into a black propagation hole, and none of them managed a trace from 531-1701 kHz. New Zealand signals seemed as potent as ever, though, and this was the cue to go after the really weak Kiwi signals on the Australian "big gun" frequencies. After a decent signal from 702-Magic at 1214 confirmed that New Zealand propagation was again on a roll, the really weak 576-Star (2.5 kW, ex-The Word) and 585-Radio Ngati Porou (2 kW) became prime targets. These had both shown up during the enhanced propagation on the third day, but they were slightly stronger during this session. From 1224-1240 a close watch was kept on both 576 and 585, and both weak Kiwi stations did finally cooperate to provide MP3 recordings parallel with their network mates on 657 and 603, respectfully. For some unknown reason 936-Chinese Voice (1 kW) never did reach the same vibrant level that it had managed on the third morning, and unlike the third morning the ultra-rare 558-Radio Sport never did make an appearance. Despite this the MP3 recordings on 576 and 585 added to the success of the Ultralight radio part of this DXpedition in tracking down all of the exotic Kiwi targets on the low band, with the appearance of 558-Radio Fiji as a bonus. After consideration of the best-ever signals received from 558-Radio Sport and 936-Chinese Voice during the third session, the overall success of recording exotic Kiwi signals during this 5-day trip slightly exceeded even the excellent results obtained during the 7-day July DXpedition with Chuck last year. The 17" FSL antenna had finally shown that it was right at home on the plunging ocean cliff, although the focus on tracking down exotic Kiwi targets had left many upper band frequencies uninvestigated during the live DXing sessions. My Perseus-SDR DXpedition partners Chuck and Tom will certainly have no such limitation, and I look forward to their overall results after their file review process is complete.



Summary: As mentioned previously, a concurrent DXpedition was being conducted in Grayland at the time by Nick and Bruce, complete with an 18' x 18' corner-fed loop identical to the one that Chuck was using at the Rockwork 4 site. This was the first serious A/B reception test between the two west coast DXpedition locations, which I'm sure will yield fascinating results for all concerned. The 5-day trip to Rockwork 4 was a thrilling experience for me, and I feel honored to have shared the ocean cliff site with my DXpedition partners Chuck and Tom. We plan to meet up again at Rockwork 4 in early August, eager to once again enjoy the unique thrill of cliff-enhanced South Pacific propagation!

The loggings below represent the Ultralight radio live-DXing results of the 5-day trip. Once again the plunging cliff site provided some exceptional New Zealand propagation, with obscure Kiwi stations showing up all over the band. South Pacific signals which pegged the CC Skywave's pedestrian bar graph are marked with a double asterisk (**). Sincere thanks is given to David Ricquish, Merv Joyce, Dene Lynneberg, Theo Donnelly, Derek Vincent and all others who assisted in the identification and processing of these recordings.

- 531 **AUSTRALIA**, 4KZ, Innisfail, 5 kW. All alone and fairly strong at 1159 on 6-27 with weather report for various Queensland cities. This station often was all alone on 531 – unknown why the usually dominant 531-PI was frequently missing in action
<https://app.box.com/s/fz9n021qv0cjmkdtkvhit6b1p8yyemq>.
- 531** **NEW ZEALAND**, PI, Auckland, 5 kW. Down somewhat from its peak summer strength, this Samoan language station was still quite capable of potent signal runs. It was dominant on three of the five days, but otherwise had trouble with 4KZ.
<https://app.box.com/s/jwzzk6hhs3s75m74vjdid098s2n1exmq>.
- 531 **UnID**, Australia. Mystery station with unclear ID in between pop music songs at 1217 on 6-25; possibly 2PM?
<https://app.box.com/s/sku5mwfmpwi6zfza2am0t0v80bh5ste0>.
- 558 **FIJI**, Radio Fiji. Presumed the one with weak choral music by male singers just above the noise level at 1238 on 6-28; both WRTH and PAL say Radio Fiji One is inactive, but both Tom and I have independent recordings of its typical choral music – received within 5 minutes of each other. Pretty conclusive evidence that something is on the frequency! <https://app.box.com/s/2duychbkkp1wgs04lmg270d3jtrxs730>.
- 558 **NEW ZEALAND**, Radio Sport, Invercargill, 5 kW. Rare Kiwi catch which (to my knowledge) has only been heard once before on the west coast (at Cape Perpetua). Modest level sport talk mentioning Herschel Walker at 1234 on 6-27 <https://app.box.com/s/bugr0a21ib8wca8x172hxwbaqe2nqiv>.
- 567 **AUSTRALIA**, 4JK, Julia Creek, 10 kW. Obviously the DU English station losing out to RNZ in this wild mix recorded at 1242 on 6-28; MIA for the other four mornings of the DXpedition <https://app.box.com/s/wqfvhvfioie65t2kp1tb9ro09y12xbtr>.
- 567** **NEW ZEALAND**, RNZ, Wellington, 50 kW. Far and away the strongest Kiwi signal during the DXpedition, and a convenient parallel signal to check the multiple relays. This huge signal started the trend on the first day (6-25) at 1236 <https://app.box.com/s/ntdc6maw6m1q2ux2oupurj2wthrr94ad>.
- 576 **AUSTRALIA**, 2RN, Sydney, 50 kW. Aussie big gun with modest signal on the first day of the trip with male interview at 1253 on 6-25; MIA during the other four days <https://app.box.com/s/i0p6cfz50wc8bttk7hvb4w70syjhkvq>.
- 576 **NEW ZEALAND**, Star, Hamilton, 2.5 kW. Ex-The Word, this new low-power Christian hymn broadcaster made a few weak appearances //657 during exceptional NZ propagation. The best signal was at 1235 on 6-29; parallel to the 657-Star signal at the time (which is posted at <https://app.box.com/s/2f2inzsnuaayn14umrp7t0m8iv12w92cj>) Rhema Media's new station isn't exactly vibrant – maybe a "dwarf Star"? <https://app.box.com/s/yp1nf8iut2b1fztligibda0yx0cmi1wfi>.
- 585 **NEW ZEALAND**, Radio Ngati Porou, Ruatoria, 2 kW. Another rare Kiwi catch with legendary weakness, it can only be confirmed by matching its ghostly Maori-language programming with that of 603 or 765. This was barely possible at 1226 on 6-29 (first ten seconds on 585, last 14 seconds on 603) <https://app.box.com/s/se6jepkcvqmsgper5qje658w58vkiyqv>.
- 585 **UnID-Australian**. Weak signal not //603 at 1246 on 6-25, so not the underperforming Kiwi. Either 2WEB or 7RN, but unable to find an Aussie RN network // at the time to sort them out. Probably only David Sharp (2WEB's programming director) knows for sure <https://app.box.com/s/7gdih48wuao2l4oty5teqr57ywowo55n>.
- 594 **AUSTRALIA**, 3WV, Horsham, 50 kW. Aussie big gun didn't sound very big during this 5 day trip, managing only an occasional anemic signal under NZ's Rhema network on 6-25. MIA on the other four days.
- 594 **NEW ZEALAND**, Rhema, Timaru/Wanganui, 5 kW/2 kW. Sermon at modest level at 1224 on 6-25, this Rhema frequency was generally weaker than its 684 parallel, although stronger than the Australian big gun 3WV on the frequency. <https://app.box.com/s/wxrs4z3llj47bxn7ur58q56l8pdcdp6>.
- 603** **NEW ZEALAND**, Radio Waatea, Auckland, 5 kW. Strong Maori language music and speech on most mornings, //765-Radio Kahungunu. Although of higher power than its 765 parallel, signals were generally about the same. <https://app.box.com/s/ga6x6urw6h6vcesck2zqdy950vaf5ck>.
- 657** **NEW ZEALAND**, Star, Wellington/Tauranga, 50 kW/10 kW. Christian hymn broadcasting network generally had good signals but was often troubled by domestic splatter. Parallel to the 576 and 963 relays received during the DXpedition <https://app.box.com/s/6tt2fljdpum1me4q93sulr6yn083c03l>.
- 675 **NEW ZEALAND**, RNZ, Christchurch, 10 kW. Usually not as strong as its 567 parallel, but typically quite vibrant during sunrise propagation. This female interview was recorded at 1256 on 6-25 <https://app.box.com/s/opbfwtneidxsfi2vs6kl31swxbgk40a>.
- 684 **NEW ZEALAND**, Rhema, Gisborne, 5 kW. The strongest station in the Christian contemporary music network (//594), its music typically picked up strength just before 1300 each morning. <https://app.box.com/s/tnxl79si61helgpxp6fegwz8rg1gi7y>.
- 702** **NEW ZEALAND**, Magic, Auckland, 10kW. New oldies music station (ex-Radio Live), its signals were occasionally quite vibrant, but often MIA. This was better than the Aussie big gun 2BL, though, which failed to show at all. This MP3 features a somewhat muffled "Magic" ID between the two oldie songs <https://app.box.com/s/ox7uxl55so19140cohmvr8ti68vscxp0m>.
- 738** **TAHITI**, Radio Polynesie, Mahina, 20 kW. This blistering-level African music signal was the strongest MP3 made during the DXpedition – seriously testing the "crunch resistance" level of my Ultralight radio during freakish auroral propagation at 1228 on 6-25. Extreme strength made the signal sound distorted, even at low receiver volume. Tahiti was less powerful on the other four days, however. <https://app.box.com/s/sfu8epugr2w0x2ut215nfm90vxnw6ra>.
- 756 **NEW ZEALAND**, RNZ, Auckland, 10 kW. On a very noisy frequency because of the 50 kW Portland IBOC monstrosity only 6 kHz (and 75 miles) away, the solid rock cliff still attenuated enough Portland splatter for this weak signal to squeak through at 1247 on 6-26, //567 <https://app.box.com/s/1u4aoxdnbeqkszd7rrrc3j3waed3x0f1>.
- 765** **NEW ZEALAND**, Radio Kahungunu, Napier-Hastings, 2.5 kW. The potent signals from this low-power Maori broadcaster were nothing short of amazing. Acting very much like a Kiwi big gun, it dominated the frequency completely with its Maori and American R & B music //603 <https://app.box.com/s/fqio3aim333olwznp66hmp0fger0wji6u>.
- 774** **AUSTRALIA**, 3LO, Melbourne, 50 kW. The LR network big gun managed this potent pop music signal very briefly //828 at 1215 on 6-28. This was the strongest Australian signal of the entire DXpedition, and the only time the Oz big gun had the frequency to itself <https://app.box.com/s/hqfe4uonf1orypgap8og99nr8fnjaxvc>.

- 774** **AUSTRALIA/NEW ZEALAND**, 3LO/Radio Sport, Melbourne. Wild, S9+ mix of these two fighting it out at 1215 on 6-28. Usually the cliff favors Kiwi signals, but it can turn fickle at a moments notice. The Aussie big gun was MIA on the other four days of the trip <https://app.box.com/s/va4ryxkxjg2uwx9fenzxjolyf5ttvbw>.
- 774 **NEW ZEALAND**, Radio Sport, New Plymouth, 5 kW. Around on most mornings at a fair level, this network stands out from other NZ broadcasters by its frequent use of recorded American English. It had the frequency to itself except for a wild fight and mix with Aussie 3LO on 6-28 <https://app.box.com/s/owejzzzeqomvdlmddtc9e0l4te1ss0t>.
- 783** **NEW ZEALAND**, Access Radio, Wellington, 10 kW. Broadcaster of diverse ethnic programming, this apparent Hindi speech and music was received at a potent level on 6-28 at 1217 <https://app.box.com/s/6d04xu2w8w9yghiny6uqurb419f1yowj>.
- 792 **AUSTRALIA**, 4RN, Brisbane, 25 kW. Aussie big gun was a poor second to Radio Sport, only showing up at a weak level with vocal music in this fair mix at 1256 on 6-28. MIA on the other four days <https://app.box.com/s/urc14b9gz5iify9ru2nxb9fckge0dvlb>.
- 792 **NEW ZEALAND**, Radio Sport, Hamilton, 5 kW. Mentions of the Portland Timbers and the CFL in American English at 1251 on 6-29; usually around each morning at a fair level, and troubled by the Aussie big gun 4RN only on 6-28 <https://app.box.com/s/wkaajkfd696bc2wz3obltxgavyya3wik>.
- 828 **AUSTRALIA**, 3GI, Sale, 10 kW. Dominant in this recording with a typical ABC-LR network interview (//774), this Aussie generally ruled the roost over the weaker 2 kW Kiwi. <https://app.box.com/s/x9nwjvb3vvs6m0waj48omrcsekyvi4ws>.
- 828 **NEW ZEALAND**, TAB Trackside Radio, 2 kW. Losing the horse race to the Aussie 3GI on most days, this is presumed to be the station with the music at the beginning of this MP3, and speech mixing with the dominant 3GI in the middle portion <https://app.box.com/s/x9nwjvb3vvs6m0waj48omrcsekyvi4ws>.
- 891 **AUSTRALIA**, 5AN, Adelaide, 50 kW. Notable for its unusual weakness all five days, this South Australia big gun was anemic at best. But that was better than the new-format 5 kW Kiwi in Wellington – which completely ran out of Magic.
- 936 **NEW ZEALAND**, Chinese Voice, Auckland, 1 kW. A high-priority target during exceptional Kiwi propagation, this very low powered ethnic station responded with its best signal ever at 1244 on 6-27. A North American Ultralight radio DX distance record (6,855 mi) for this power level <https://app.box.com/s/qkp31ocifipxvwtam2e8wqgu89uljw>.
- 963 **NEW ZEALAND**, Star, Christchurch, 10 kW. Not one of the stronger Star (Christian hymn network) outlets, but usually hanging around at a fair level //657 just after 1230 each morning <https://app.box.com/s/2qdrwvsnbnkssrxggq7hyyexsr6tlgc>.
- 1008 **NEW ZEALAND**, Newstalk ZB, Tauranga, 10 kW. Pretty good signals with call-in talk program at 1232 on 6-26; this station was occasionally better than its 1035 kHz parallel <https://app.box.com/s/825q31ennavi4q4wey73jibf3149swza>.
- 1017 **UnID-DU**. Both Tom and I made determined efforts to go after Tonga, but with tough Spanish-language splatter and a variable sign-off time we only came away with a decent carrier around 1200 on 6-27. Unfortunately that carrier dropped out suddenly for both of us before we could dig any audio out of the 1020-Spanish splatter. For me, the brutal Spanish splatter also covered up any other weak DU audio on 1017.
- 1035** **NEW ZEALAND**, Newstalk ZB, Wellington, 20 kW. This DXpedition featured the strongest signals ever from this Kiwi news station //1008, which recently started featuring music as well as news. This signal at 1256 on 6-29 was typical of its more vibrant moments <https://app.box.com/s/skbre5ph32329k0o82495dnard5ld3ik>.
- 1503 **NEW ZEALAND**, Radio Sport, Wellington/Christchurch, 5 kW/2.5 kW. This was one of several Radio Sport relays with fair signals, easily distinguished by their frequent broadcasts of American English. This signal was received at 1252 on 6-28 <https://app.box.com/s/ewmko9im8efkp0gmvnwown9knbs4cbuc>.

73 and Good DX, **Gary DeBock** (DXing at the Rockwork 4 Ocean Cliff near Manzanita, Oregon from June 25-29, 2015), 7.5" loopstick C.Crane Skywave Ultralight radio + 17" and 15" DXpedition FSL antennas, <https://app.box.com/s/wi78hlofflefd2bd897gy0vvqvxxdu>.

ADDITIONAL RESOURCES

June 2015 Rockwork 4 DXpedition Video (Ultralight Radios & FSL antennas) <https://www.youtube.com/watch?v=xMajwiVPjuo>. DXpedition FSL antennas <https://app.box.com/s/wi78hlofflefd2bd897gy0vvqvxxdu>.

Volume 53 Publication Schedule

Issue	Volume	Deadline	Masthead	Event					
1673	#53-01	08/17/2015	08/22/2015	<i>Beginning of Volume 53</i>	1691	#53-19	01/11/2016	01/16/2016	
1674	#53-02	08/31/2015	09/05/2015		1692	#53-20	01/18/2016	01/23/2016	
1675	#53-03	09/14/2015	09/19/2015		1693	#53-21	01/25/2016	01/30/2016	
1676	#53-04	09/28/2015	10/03/2015	<i>First Weekly Issue</i>	1694	#53-22	02/01/2016	02/06/2016	
1677	#53-05	10/05/2015	10/10/2015		1695	#53-23	02/08/2016	02/13/2016	
1678	#53-06	10/12/2015	10/17/2015		1696	#53-24	02/15/2016	02/20/2016	
1679	#53-07	10/19/2015	10/24/2015		1697	#53-25	02/22/2016	02/27/2016	<i>Last Weekly Issue</i>
1680	#53-08	10/26/2015	10/31/2015		1698	#53-26	03/07/2016	03/12/2016	<i>IRCA Anniversary Issue</i>
1681	#53-09	11/02/2015	11/07/2015		1699	#53-27	03/21/2016	03/26/2016	
1682	#53-10	11/09/2015	11/14/2015		1700	#53-28	04/04/2016	04/10/2016	
1683	#53-11	11/16/2015	11/21/2015		1701	#53-29	04/18/2016	04/23/2016	
1684	#53-12	11/23/2015	11/28/2015		1702	#53-30	05/02/2016	05/07/2016	
1685	#53-13	11/30/2015	12/05/2015		1703	#53-31	05/16/2016	05/21/2016	
1686	#53-14	12/07/2015	12/12/2015		1704	#53-32	05/30/2016	06/04/2016	
1687	#53-15	12/14/2015	12/19/2015		1705	#53-33	06/13/2016	06/18/2016	
1688	#53-16	12/21/2015	12/26/2015	<i>Last Issue of 2015</i>	1706	#53-34	06/27/2016	07/02/2016	
1689	#53-17	12/28/2015	01/02/2016	<i>First Issue of 2016</i>	1707	#53-35	07/18/2016	07/23/2016	<i>End of Volume 53</i>
1690	#53-18	01/04/2016	01/09/2016		1708	#54-01	08/15/2016	08/20/2016	<i>Beginning of Volume 54</i>

IRCA Mexican Log, 19th Edition (Winter 2014)

The **IRCA MEXICAN LOG** lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The transmitter site index (listed by state, then city) tabulates the latitude and longitude of transmitter sites. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11".

Prices: **IRCA/NRC members** – \$9.50 (US), \$11.00 (Canada) \$12.50 (México), \$14.00 (rest of the world). **Non-IRCA/NRC members** – add \$2.00.

IRCA Reprints

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

Also from the IRCA Goodie Factory, "IRCA REPRINTS ON CD"!!! 648 Reprints. The entire set, now on one CD. Categories include: Antennas, Domestic, Foreign, History, DX Lists, Receivers and Receiver Modifications, and Technical. Check out the table of contents at: <http://ircaonline.org/2004ReprintList.htm>.

Prices: **IRCA/NRC members** – \$10.00 (US), \$11.00 (Canada) \$11.50 (México), \$12.50 (rest of the world). **Non-IRCA/NRC members** – add \$2.00.

IRCA Slogans List (Winter 2015)

This completely revised Slogans List includes radio slogans from the US and Canada (over 4400).

Prices: **IRCA/NRC members** – \$7.25 (US), \$8.50 (Canada) \$10.00 (México), \$10.75 (rest of the world). **Non-IRCA members** – add \$1.00.

IRCA TIS/HAR LIST (Summer 2014)

The **IRCA TIS/HAR LIST** lists all US and Canadian TIS/HAR stations, by frequency, including call letters, state (province,) city, county, licensee, address, coordinates, expiration date and dates of DXM/DXN reports/sources. It has been updated with FCC data, DXM, DXN and DXer reports, and on-line listings through August 1 2014.

Prices: **IRCA/NRC members** – \$9.50 (US), \$11.00 (Canada) \$12.50 (México), \$14.00 (rest of the world). **Non-IRCA/NRC members** – add \$2.00.

A DXers Technical Guide, 4th Edition (Spring 2004)

In its nearly 200 pages you will learn about the principles underlying the design of successful receivers, antennas and receiving accessories, find reviews of the best commercially available DXing equipment in different price ranges, as well as detailed instructions for building one's own antennas and other DXing aids. Although it focuses on the technical backdrop to medium wave DXing, it will also be of interest to serious shortwave listeners and low band radio amateurs.

Prices: **IRCA/NRC members** – \$15.00 (US), \$16.50 (Canada) \$18.00 (México), \$20.00 (rest of the world). **Non-IRCA/NRC members** – add \$2.00.

IRCA Foreign Log

The IRCA has published nine volumes of the **IRCA Foreign Log** which are still available. Each volume contains the several hundred actual tips that were reported to the DXWW sections during an entire year, compiled and retyped in a book format. In addition, special features include articles on foreign DXing (volumes 6, 7 and 8), utility lists (volumes 7 and 8), shortwave parallels (volume 8) and BCB propagation (volumes 6, 7 and 8). The **IRCA Bookstore** still has volumes 3, 4, 6, 7 and 8 of the **IRCA Foreign Log** available for \$2.50 each (overseas add \$3.00/book).

Sunrise/Sunset Maps

12 maps showing 15 minute sunset and sunrise times for the US and 12 maps showing hourly sunset and sunrise times for the World. Explanation includes use of the maps and examples of DX made possible by knowledge of SR/SS times.

Prices: **IRCA/NRC members** – \$2.25 (US), \$3.00 (Canada) \$3.50 (México), \$4.50 (rest of the world). **Non-IRCA members** – add \$1.00.

An Introduction to Broadcast Band DXing

This tri-folded brochure is ideal for explaining the Broadcast Band DXing hobby and the IRCA. 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.

"DX Monitor" on DVD

IRCA's regular bulletin "**DX Monitor**" Volumes 1 through 49 in .pdf format on 2 DVDs. Re-live the days gone by and re-introduce yourself to the former members who helped make the IRCA great!! NOTE: You will NEED a DVD reader to open the .pdf files. These files were TOO LARGE to use regular CD's.

Prices: **IRCA/NRC members** – \$15.00 (US), \$16.00 (Canada) \$16.50 (México), \$17.50 (rest of the world). **Non-IRCA/NRC members** – add \$2.00.

To order from the IRCA Goodie Factory, send the correct amount (in US funds payable to **IRCA**) to: **IRCA GOODIE FACTORY, 9705 MARY NW, SEATTLE WA 98117-2334**. Or, order through PayPal [add \$1.00] to email: **phil_tekno@yahoo.com** (Phil Bytheway). Please state club affiliation when ordering.

NRC Antenna Pattern Book, 7th Edition

The 7th Edition of the **NRC Antenna Pattern Book** is now available. This all new edition prepared by NRC'er Paul Swearingen is an all-inclusive book of patterns for both Day and Night operation of stations in the USA, Canada and selected foreign stations. The data for the book comes from the 34th Edition of the AM Radio Log and NRC'er John Callerman's comprehensive Mexican station listing.

The book comes shrink wrapped in 8½ by 11 three hole punch format for placement in your own three ring binder. There are 240 pages and the book has maps covering 530 through 1700 kHz depicting the lower USA, Canada and Mexico. Hawaii and Alaska are shown on separate maps at the end of the book.

Price: **IRCA/NRC Member USA** \$22.95, \$28.95 for non-members (add \$3.85 for Priority Mail delivery to US addresses only). To Canada \$35.00; airmail outside of US and Canada \$39.00. For those outside the US, use PayPal or a postal money order in US funds only.

Order from NRC, PO Box 473251, Aurora CO 80047-3251 or **www.nrcdxas.org**. Colorado residents, please add 3.5% sales tax. Please state club affiliation when ordering.

The **IRCA** 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 IRCA, is published in "soft" form 35 times a year (weekly from November through March, twice monthly from April to November.) **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.

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MEMBERSHIP DUES

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Pay electronically with PayPal – add \$1 to the price above. Go to **www.paypal.com**, then send your dues to **ircamember@ircaonline.org** – contact Lynn Hollerman for more information.

Sample copies of DX Monitor are available at **phil_tekno@yahoo.com**

For information on **subscribing to the IRCA mailing list** at Hard-Core-DX, a group e-mail service, contact the moderator, Lynn Hollerman at **lynnholleman@yahoo.com**.

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