

# DXN News

• Serving DX'ers since 1933 •

Volume 74, No. 26 • May 14, 2007 • (ISSN 0737-1659)



## Inside ...

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## Station Test Calendar

KXTO NV 1550 July 1-15 0300-0700

**KXTO-1550** ... Reno, NV will conduct DX tests each morning July 1 until July 15th from 0300-0700 ELT. The tests will include Morse Code ID's and sweep tones at 96 Watts ND. However, on the morning of July 14 and 15, the test will once again run from 0300-0700 but instead at KXTO's licensed non-directional daytime power of 2500 watts. Test material will air twice an hour and consist solely of Morse Code ID's and sweeptones near the top and bottom of the hour. The station runs a Spanish christian format as "La Voz Cristiana 1550". Please do not call or email the station during the test, as this is being done automatically via remote control and computer automation.

**QSL Information:** Reception reports are desired via e-mail (first choice) and snail mail (only if e-mail is not available) Station would prefer to received recordings of the test. Submit reports to: [les@highnoonfilm.com](mailto:les@highnoonfilm.com) and please put "KXTO DX Test" in the subject line. Preferred audio formats on the computer are MP3's due to the fact a .wav file of the same size is nearly 10x bigger. If you need help converting .wav files, just ask. If you absolutely need to mail a cassette, PLEASE cue the tape up to the spot where the best reception is. If you mail a CD, only include the pertinent parts. All standard mail reports should go to Les Rayburn, High Noon Film - 100 Centerview Drive, Suite 111 - Birmingham, AL 35216. Please include an SASE for reply. (Station Management and Consultants have authorized Mr. Rayburn to issue QSL's on their behalf!)

<<http://www.radio-locator.com/cgi-bin/finder?call=KXTO&sr=Y&s=C>>

Thanks to First Broadcasting Of Nevada, Inc/ KXTO 1550 General Manager Jose Pacheco for helping out all us DX'ers; he was extremely helpful and willing to do this for us, AGAIN!! This will be a good chance for some of us to nab Nevada in our log books.

**From the Publisher** ... Art Blair reported receiving an e-mail from Maria Pietsch stating that her husband Bob, a longtime NRC member, passed away on May 3. Our sincerest condolences to the family of Bob Pietsch.

**DXChange** ... Ken Onyschuk, Lockport, IL is offering a Starlite AM-FM -SW-MB portable. \$40

OBO, and a SONY Model CFD 515 AM-FM radio w/ cassette player and CD player. w/ speakers. \$25 OBO. 815-838-2179. ... John Hoogerheide is looking for someone to help him with an R8A he purchased on eBay recently. The unit was reported in operating condition when purchased but did not include a manual. He doesn't know if there is something wrong with the unit or if its 'operator error'. His phone number is 512-864-7891 or e-mail at [hooger@suddenlink.net](mailto:hooger@suddenlink.net). John also has a Drake SPR4 for the first taker for approx. \$40 shipping costs.

**Unfilled positions** ... We're still in need of volunteers for the following positions, as described in detail in V73, #27, the June '06 DXN: A person proficient with phpBB to maintain the e-DXN site; one or more additional moderators for e-DXN; one or more persons to edit future NRC publications; one or more persons to scan or retype reprints currently in print; one or more persons to scan verie letters to be placed on the NRCDXAS web site; several persons to research and prepare a book in commemoration of the NRC's 75th anniversary; a "DX Targets" editor; a technical column editor; a nationwide QSL coordinator (preferably a joint NRC/IRCA/WTFDA member); someone to type e-mail reports for members who don't have computers; a DXN publisher, by June 2008.

## DXN Publishing Schedule, Volume 74

Iss.	Deadline	Pub. Date	Iss.	Deadline	Pub. Date
27.	June 8	June 18	29.	Aug. 3	Aug. 13
28.	July 6	July 16	30.	Sept. 7	Sept. 18

## DX Time Machine

### From the Pages of DX News

50 years ago ... from the May 18, 1957 DXN: Editor Ernie Cooper, Brooklyn, NY heard YNW-935 on all a. m. shouting news with a background of Sousa marches, describing a war between Nicaragua and Honduras.

25 years ago ... from the May 10, 1982 DXN: Tom Connatser reported from Sevierville, TN, that Knoxville no longer had a Top 40 AM station, with WNOX-990 switching to a CWM format April 1.

10 years ago: ... from the May 19, 1997 DXN: DDXD-West editor Bill Hale admonished contributors NOT to complain about outdated info in the NRC Log ... unless they actually had the latest Log on hand!



# AM Switch

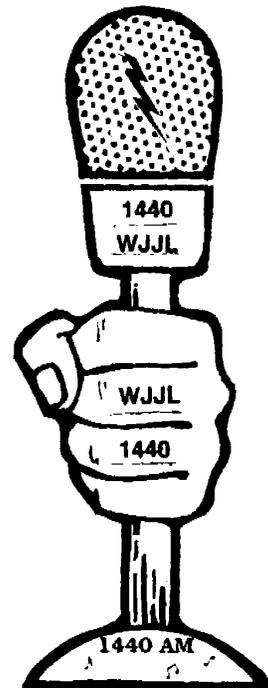
**Bill Hale** w\_r\_hale@sbcglobal.net  
6124 Roaring Springs Drive  
North Richland Hills, TX 76180-5552



Status changes in AM stations, supplied by the FCC, CRTC, and listeners

## CALL LETTER CHANGES

	<u>Old Call</u>		<u>New Call</u>	
600	WAEL	PR	Mayaguez	WYEL
940	WLJM	OH	Lima	WZOQ
1070	NEW	MD	Pocomoke City	WBEG
1170	WXRP	AL	Hanceville	WLYG
1210	WLDR	MI	Kingsley	WJNL
1380	KAJG	TX	Pleasanton	KWME
			[KAJG lasted nine days]	
1400	NEW	VA	South Boston	WAJL
1410	WLAS	IN	Lafayette	WSHY
1450	WQJM	SC	Myrtle Beach	WRNN
1550	WURP	PA	Reserve Township	WLFP
1650	NEW	ON	Mississauga	CINA



## CPs ON THE AIR

590	KTIE	CA	San Bernardino - CP for U4 2500/960 is on the air.
610	WVTJ	FL	Pensacola - CP for U1 500/157 is on the air.
680	WA2XPA	PR	Arecibo - CP for U1 400/400 for this repeater of WAPA-680 is on the air.
830	WCRN	MA	Worcester - CP for U4 50000/50000 is on the air. Both patterns direct all their signal eastward.
930	WLVF	FL	Haines City - CP for U4 500/13, adding night operation, is on the air.
1050	KCAA	CA	Loma Linda - CP for U4 1400/35, adding night operation, is on the air.
1190	KPHN	MO	Kansas City - CP for U2 5000/500 is in the air.
1460	WTKT	PA	Harrisburg - CP for U2 5000/4200 is on the air.
1510	WAUK	WI	Waukesha - CP for D4 23000/0 CH 20000 is on the air. They have added a tower to their original pair. The patterns are similar to their original coverage area (kidney-shaped to the north) but with an extra elongation to the northeast over Lake Michigan.
1570	KAKK	MN	Walker - CP for U1 9500/250 is on the air.
1590	KYNG	AR	Springdale - CP to move to a new 132' tower at N36-12-25 W97-07-09 and reduce their nighttime power as U1 2500/50 is on the air.

## GRANTS FOR NEW STATIONS

900	NEW	AS	Leone - CP granted for U1 5000/3000 at S14-20-24 W170-46-42. [Station is in American Samoa and not listed in the AM Log]
1300	NEW	MN	Bemidji - CP granted for U2 2500/600 from two towers at N47-26-32 W94-51-57. The kidney-shaped night pattern is directed at 009 degrees.
1400	NEW	NV	Hawthorne - CP granted for U1 790/790.
1440	NEW	MP	Garapan-Saipan - CP granted for U1 3000/500 at N15-07-46 W145-42-13. [Station is in the Mariana Islands and not listed in the AM Log]
1460	NEW	NV	Elko - CP granted for U2 2500/250 from three towers at N40-48-27 W115-49-04. The night pattern is directed eastward.
1650	CINA	ON	Mississauga - CP granted for U1 1000/680. A competing application at nearby Brampton was denied.

## ACTIONS

540	WWCS	PA	Canonsburg - CP granted to reduce their daytime power to become U4 3800/500.
580	CKXR	BC	Salmon Arm - Granted extension of simulcast time with new FM station to 27 February 2008 as the coverage of the new CKXR-FM has failed to duplicate the coverage area of the AM signal and FM repeaters are planned to fill in the 'white' areas.
590	WCAB	NC	Rutherfordton - CP granted to double their daytime power as U1 1000/228.
630	CKOV	BC	Kelowna - The CRTC has granted their application to move to 103.1 MHz

with 11000 Watts (average ERP).

- 640 WMEN FL **Boca Raton** - Licensed for U4 7500/460, WMEN had a CP for U4 25000/25000 along with a change in **City-of-License (CoL) from Royal Palm Beach**. They then applied to further increase the daytime power to be U4 50000/25000. This latest request **has been approved**.
- 660 WCRR VA **Rural Retreat** - **Granted an extension of their STA to remain silent**.
- 680 CFDR NS **Dartmouth** - The CRTC has granted their application to move to 88.9 MHz with 21000 Watts.
- 790 WPNN FL **Pensacola** - **CP granted to shorten their tower by 16.2 meters** and add top loading as they remain U1 1000/66.
- 820 NEW MI **Escanaba** - Their application for U4 7500/750 **has been dismissed**, leaving them with the application for U4 2500/750.
- 910 WSFE KY **Burnside** - Coordinate correction to N37-01-46 W84-36-23.
- 930 WBCK MI **Battle Creek** - Coordinate correction to N42-17-31 W85-11-00.
- 980 WHAW WV **Weston** - **CP granted for U1 25000/50**.
- 990 CJCJ-2 NB **Plaster Rock** - The CRTC has **granted the request** of Astral Media Radio Atlantic, Inc. **to replace CJCJ-2** with an FM station. The new station, on 91.7 MHz with 50 Watts, will take over from CJCJ-2 by relaying CIKX-FM Grand Falls.
- 1090 WCAR MI **Livonia** - Application to move to Melvindale, Michigan with U2 250/1000 has been dismissed, leaving them with an application for U4 1000/800.
- 1130 WASP PA **Brownsville** - **CP granted to reduce their daytime power to become D1 1000/0 CH 1000** at the adjusted coordinates of **N40-02-35 W79-54-19**.
- 1190 KPHN MO **Kansas City** - **CP granted to increase night power and drop their CH authorization as U2 5000/500**.
- 1210 KUNF UT **Washington** - **CP granted to decrease their nighttime power to become U1 10000/231** as they di-plex into the taller tower of KDXU-890 at **N37-04-05 W113-31-08**.
- 1280 KZNS UT **Salt Lake City** - **Special Temporary Authority granted** to go silent while work continues on their new tower site.
- 1310 WRVP NY **Mount Kisco** - CP granted to operate as a "satellite" of co-owned noncommercial educational station WWRV, New York, New York.
- 1370 WGIV NC **Pineville** - Licensed for U1 3000/45, WGIV had a **CP for U1 20000/30** along with a change in **CoL to Gastonia, North Carolina**. They submitted an amendment for U1 16000/45 back at Pineville, which has been accepted, and the CP deleted.
- 1400 KUKI CA **Ukiah** - Coordinate correction to W39-10-06 W123-12-46.
- 1430 WION MI **Ionia** - **CP granted to reduce their daytime power and go non-directional**, while maintaining their present nighttime operation. When operational, WION will **become U2 4700/330**.
- 1580 KKKK CO **Colorado Springs** - **CP granted for an increase in nighttime power to become U1 10000/140**.
- 1590 WONX IL **Evanston** - Their application to change their CoL to Carol Stream, Illinois with U4 10000/3000 has been dismissed, leaving them licensed for **U2 3500/2500**, with a pending application for U2 7000/2500 at Evanston.
- 1590 KMOZ MO **Rolla** - Coordinate correction to N37-56-40 W91-48-42.

#### AMENDMENTS TO CONSTRUCTION PERMITS

- 750 WNDZ IN **Portage** - Licensed for **D3 5000/0**, WNDZ has a **CP for D3 15000/0** along with a change in **CoL to Calumet City, Illinois**. This amendment requests **D3 15000/0** back at Portage.
- 870 KHNR HI **Honolulu** - Licensed for **U3 50000/50000**, KHNR has a **CP to move to 880 kHz with U1 10000/10000**, sharing the tower with co-owned stations KHCM, KGU, and KZOO. This amendment requests **U1 2000/2000**. A special condition of the KHNR construction permit limits the field strength that may be present at the FCC's Waipahu, Hawaii monitoring station, which limits the KHNR antenna input power to approximately 2600 Watts. So the licensee has reduced the requested power to 2000 Watts.
- 900 NEW OR **Bend** - New station, not yet on the air, has a **CP for U4 50000/2000**. This amendment now requests **U4 50000/2700**.
- 1060 NEW CA **Arroyo Grande** - New station, not yet on the air, has a **CP for U4 10000/1200**. This amendment requests **U2 10000/710**.
- 1120 KEOR OK **Catoosa** - Recently awarded a **CP to move here from 1110 kHz at Atoka**,

Oklahoma with D3 2000/0, they are now requesting D4 2000/0 CH 2000 at Catoosa.

- 1360 KDJW TX **Amarillo** - Licensed for U1 500/137, KDJW has a CP for U5 5000/137. That CP was dismissed as they now have applied for U4 6000/320.
- 1570 WNSH MA **Beverly** - Licensed for U5 500/85, WNSH has a CP for U5 50000/85. This amendment requests U1 30000/85.
- 1580 WTTN WI **Watertown** - Licensed for U1 1000/6, WTTN has a CP to change their CoL to Columbus, Wisconsin with U5 4700/6 CH 460 plus an amendment for U5 5000/10 CH 800. This amendment requests U5 5000/4 CH 800.
- 1600 WXYM VA **Saltville** - Licensed for D1 5000/0, WXYM had a CP for U4 10000/10, which was dismissed as they now have applied for U7 23000/11 CH 23000.

#### APPLICATIONS

- 790 KWSW CA **Eureka** - Applies for U2 5000/750.
- 960 CFFX ON **Kingston** - Applies to move to 104.3 MHz with 4000 Watts at 247.9 metres.
- 980 KINS CA **Eureka** - Coordinate correction to N40-48-02 W124-07-39.
- 1050 WEPN NY **New York** - Applies to relocate to a new antenna site while maintaining their U3 50000/50000 facilities.
- 1060 NEW HI **Captain Cook** - Applies for U1 5000/5000 as a synchronous station (repeater) of KHBC-1060.
- 1150 WJBO LA **Baton Rouge** - Applies for U4 15000/5000.
- 1260 WIYD FL **Palatka** - Applies for U1 400/135 while relocating the transmitter to the tower of co-owned WPLK-800.
- 1380 WFNW CT **Naugatuck** - Applies for U4 3500/350 with a slight change to both patterns.
- 1380 WKDM NY **New York** - Applies to replace an existing CP that will expire on May 18, 2007 for an upgrade to their nighttime facilities as U4 5000/13000.
- 1380 CKLC ON **Kingston** - Applies to move to 98.9 MHz with 8700 Watts at 132.2 metres.
- 1420 WRCG GA **Columbus** - Applies for U1 5000/79.
- 1480 WRLM AL **Irondale** - Applies to add night service as U1 5000/28.
- 1490 CFWB BC **Campbell River** - Applies to move to 106.1 MHz with 663 Watts (average) at 409 metres.
- 1600 WCGO IL **Chicago Heights** - Applies to move to 1020 KhZ with D3 10000/0 and a change in CoL to Jenison, Michigan (a suburb of Grand Rapids).
- 1610 CHHA ON **Toronto** - Applies to increase their daytime power from 1000 to 10000 Watts.
- 1690 CHTO ON **Toronto** - Applies to move their transmitter location from the original site in Scarborough to N43-43-16 W79-18-46, while remaining U1 1000/1000.

#### AMENDMENTS TO APPLICATIONS

- 640 NEW WI **Rhineland** - Initial Auction 84 application was for U2 500/300, then amended to U2 620/420. This request is for U2 620/400.
- 1000 WIOO PA **Carlisle** - Licensed for D1 1000/0, WIOO applied for D3 5000/0, but now has added nighttime service to the application as U4 5000/60.
- 1090 WNVY FL **Cantonment** - Licensed for D1 10000/0 CH 2300, WNVY applied for U1 15000/28 CH 15000 on 1070 kHz. This amendment drops the CH operation from the application.
- 1220 KZEE TX **Weatherford** - Licensed for U1 490/8, KZEE applied for U4 1600/300 which was dismissed by the FCC. They have resubmitted the application, this time for U4 1600/200.
- 1430 WHAN VA **Ashland** - Licensed for U1 1000/31, WHAN applied to move to 650 kHz with D3 50000/0 and change their CoL to Victoria, Virginia. This amendment alters the proposed transmitter location, the placement and size of the two towers, and the directional pattern.
- 1580 NEW CA **Shasta Lake City** - Initial Auction 84 application was for U2 250/250, then amended to U4 250/5000 on 1550 kHz. This request is for U4 250/250 on 1550.
- 1580 WKKD IL **Aurora** - Licensed for U4 170/200, WKKD applied to move to Silvis, Illinois with U4 1000/600. This amendment requests U4 1400/1000 at Silvis.

#### APPLICATIONS DISMISSED

[Note: the NEW station applications are not listed in the AM Log]

- 610 WPLO GA **Grayson** - Application was to change their CoL to Lawrenceville, Georgia.

850 WFTL FL **West Palm Beach** - WFTL has a CP to increase their parameters to U4 50000/24000, then applied to change the patterns. But the FCC ruled that the new patterns would cause interference to WABA and stations in Cuba and Mexico, so denied the change.

940 WCND KY **Shelbyville** - Applied to move to 650 kHz with D1 10000/0 CH 5000 and change the CoL to Ruckersville, Virginia.

1170 WPLX TN **Germantown** - Applications to move to 1180 kHz with a change in CoL to Capleville, Tennessee with U7 2500/4 CH 2500 and another for U7 5000/26 CH 2800 at Capleville have been dismissed. WPLX remains D1 1000/0 with a CP for U7 5000/85 CH 3500 on 1180 at Germantown.

1260 WZBO NC **Edenton** - Applied to move to 650 kHz with D4 1000/0 CH 1000.

1260 NEW TX **McNary** - Applied for U2 1000/250.

1340 NEW CO **Steamboat Springs** - Applied for U1 1000/1000.

1400 NEW CA **Ridgecrest** - Applied for U1 1000/1000.

#### LICENSE RENEWAL APPLICATION RETURNED TO PENDING STATUS

1450 WCOX AL **Camden**

#### APPLICATIONS FOR NEW STATIONS

1240 NEW CO **Carbondale** - Applies for U1 1000/1000.

1450 NEW HI **Hilo** - Applies for U2 5000/5000. [Yes, friends. 5 kW on 1450!]

#### LICENSE RENEWALS GRANTED

550	WDEV	VT	Waterbury	1000	KXRB	SD	Sioux Falls	1400	WWTM	AL	Decatur
600	KGEZ	MT	Kalispell	1040	WJTB	OH	North Ridgeville	1460	WHBK	NC	Marshall
760	KFMB	CA	San Diego	1050	KTBA	AZ	Tuba City	1470	WMBD	IL	Peoria
920	WMEL	FL	Melbourne	1260	WSDZ	IL	Belleville	1480	KPHX	AZ	Phoenix
940	KWBY	OR	Woodburn	1270	WEIC	IL	Charleston	1640	WKSH	WI	Sussex
1000	WYBT	FL	Blountstown	1330	KJPR	CA	Shasta Lake City				

#### LICENSE CANCELLATIONS/CALL LETTERS DELETED

880 WBKZ GA **Jefferson**

1000 WDJL AL **Huntsville**

#### INTO THE TWI-LIGHT ZONE

1160 WKTT AL **Saraland** - New station, just granted U2 15000/430, but now has seemed to disappear from the FCC Database. We'll keep an eye out for more on this.

#### HEAR AND THAR

☐ Reported as Silent: WALE-990 **Greenville, Rhode Island** (again); WNWK-1260 **Newark, Delaware**; WDAP-1530 **Huntingdon, Tennessee**;

☐ Plate Voltage back on: WANO-1230 **Pineville, Kentucky**, WFBS-1280 **Berwick, Pennsylvania** with sports // WICK-1400; WYBC-1340 **New Haven, Connecticut** (with a temporary longwire antenna), WVSG-1480 **Neon, Kentucky** with Southern Gospel; WAHT-1560 **Clemson, South Carolina**; WVKO-1580 **Columbus, Ohio** (operating under an STA with U1 250/63 until they get all their towers up, tuned, and approved).

☐ The owner of CKWX-1130 **Vancouver, British Columbia** has applied to delete their license for shortwave station CKFX-6080 **Vancouver**. The CRTC has been informed that CKFX is no longer in operation.

☐ FINES - \$21,000 for failure to exhibit tower red obstruction lights during nighttime hours, for operating after local sunset, and other matters: KTMR-1130 **Edna, Texas** [editor's note: While in the area, I've heard this station operating past their LSS and observed their unlit towers near Edna on US 59. I also happened to mention their illegal nighttime operation to KWKH. Maybe my action brought this on?]; \$12,000 for failure to maintain a public inspection file, WAGF-1320 (and co-owned WAGF-FM and WJJN-FM) **Dothan, Alabama**; \$11,200 for not reducing transmitter output power after sunset and for being unable to produce a public inspection file or any of the file's contents: WZGM-1350 **Black Mountain, North Carolina**; \$10,000 for public file rule violations: KPHX-1480 **Phoenix, Arizona** and WEIC-1270 **Charleston, Illinois**; \$7000 for failure to file its license renewal application in a timely manner and subsequent unauthorized operation: WWTM-1400 **Decatur, Alabama**, WSTT-730 **Thomasville, Georgia**, and WBLB-1340 **Pulaski, Virginia**; \$1500 for failure to file its license renewal application in a timely manner: WJTB-1040 **North Ridgeville, Ohio**; \$500 for failure to enclose their tower within an effective locked fence or other enclosure: KIGO-800 **St. Anthony, Idaho**.

□ Thanks to **Shawn Axelrod, John Bowker, Perry Crabill, Wayne Heinen, Deane McIntyre, and Dave Schmidt.**

GRAVEYARD DX UPDATE

<b>1340 kHz:</b>					<u>Miles</u>
<b>KUOW</b>	<b>WA</b>	<b>Tumwater</b>	<b>Ron Schiller</b>	<b>Coeur d'Alene, ID</b>	<b>292</b>

<b>1490 kHz:</b>					<u>Miles</u>
<b>KBRO</b>	<b>WA</b>	<b>Bremerton</b>	<b>Ron Schiller</b>	<b>Coeur d'Alene, ID</b>	<b>*274</b>

Don't forget to scan your Graveyard loggings to see if any of your catches may qualify as a new "U.S. DX record". Beginning June 1, 2007 the GY lists will display a record for U.S. members in addition to a record now held solely by a Canadian DXer.

All Canadian records will remain as is, even if they happen to be a shorter distance. The lists will now accommodate a record from Canada and the Lower 48, just as there are already breakouts for Alaska and Hawaii, the Caribbean, as well as those trans-oceanic records.

So, check out the Graveyard lists, either in your recent DX News magazines or on-line through the NRCDXAS website at <http://www.nrcdxas.org/GYDXA/> and send me your list of possible new record-holders where you now see only a Canadian record.

Submit your lists sorted in the following manner:

First, arrange by Frequency, then just as you see the printed lists - - - Call, State or Province and City, plus your location at the time of reception. If you know the exact coordinates of your location, include that data. I figure the mileage.

*From the  
BoD*

**John D. Bowker** [jbowker@tampabay.rr.com](mailto:jbowker@tampabay.rr.com)  
P. O. Box 5192  
Sun City Center FL 33571-5192

**News from the NRC Board of Directors**

This past month I received the following letter from Paul Swearingen that I would like to share with the membership.

"Wayne:

My last issue as DXN publisher will be the June issue in 2008: Volume 75, #27. You'll note that it is no coincidence that this issue will mark exactly 20 years for me as DXN publisher, nor that I'll be two months short of the age of 63, nor that I probably will retire from teaching after next year (although that one is up in the air, as I probably can't afford to retire from my job just yet), nor that the lead person of my mailing crew will graduate from high school in May, 2007.

In other words, after looking ahead to next year, I see too many viable reasons not to retire while my health is still good so that I can enjoy what's left to me and do what I damn well please when I damn well want to do it, hi, and I have a LOT of things which have been on the back burner for too many years.

I will pass along editorship of DDXA and IDXA to the next publisher, as those two columns worked well as instant "filler" when I needed it and were easy to maintain. I will also give up the membership chairmanship and e-DXN directorship, although I could still moderate e-DXN and [NRC-AM] to keep a passive eye on things. I might be able to help out with occasional "projects", especially those involving proofreading. But I simply no longer want to be tied to a schedule."

Paul had a few more comments concerning the disposition of NRC property that he has, but I think the membership can see that we will be in need of a new publisher shortly. Paul has been doing an excellent job for 20 years; there is not much more that can be said except for a hearty "Thank You" for all the years of dedicated work that Paul has done on behalf of the National Radio Club.

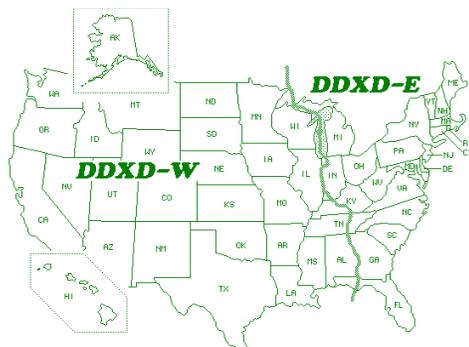
Now is the time for the membership to take a look at the list of needed volunteers on the front cover of this issue of *DX News* and see where you might be able to fit in. *DX News* is the lifeblood of the National Radio Club, and we have a little over a year for a new volunteer to step forward and take over the reins as editor and publisher of *DX News*.

73 -Wayne Heinen  
Chairman of the Board of Directors  
National Radio Club

# Domestic DX Digest

**West: Bill Dvorak** westlogs@aol.com (Division line  
3358 Ridgeway Ave. - Madison, WI 53704-4327 is between East  
and Central time  
zones)

**East: Mike Brooker** aum108@idirect.com  
99 Wychcrest Ave - Toronto, Ontario M6G 3X8 CANADA



## DX Catches in the U. S. and Canada, with 24-hr. ELT

### FROM THE VAST WESTLAND

- ▲ As of the day this is being written (5/4), the FCC's new IBOC regulations, including approval of nighttime AM IBOC, have not yet been published in the National Register. This means we have at least another month before the buzz machine begins raising havoc, courtesy skywave, with the nighttime AM band.
- ▲ If your part of the **Vast Westland** is anything like mine, you are really enjoying the gorgeous spring weather following a very trying winter. This makes me all the more appreciative of the devoted reporters to this column, who take the time to send in their loggings when there are so many other things that they could be doing. Thank you for the nice turnout, and for your continued support of this column!
- ▲ The breaks just keep getting longer-- five weeks between issues 74-26 and 74-27! The next DDXD-W deadline is 1300 ELT Thursday 6/7 for e-mail and the Friday 6/8 delivery for USPS mail. Please remember to submit no logging from earlier than May 1 for the June edition. CUN35! **73 Bill**

### Reporters

- DP-HI** Dale Park, Honolulu. Sangean ATS-818CS, Terk AM1000 loop.
- FO-OK** Forest Osborn, Hooker. Hammarlund HQ-150, 160 foot longwire, homemade 3-foot loop.
- GH-IL** Greg Harris, Park Forest. Icom R75 / Quantum Loop or Hula Hoop Loop, or Heathkit GR78 / Indoor wire antenna.
- JEL-AR** J. E. Lewis, DXing in Fayetteville. Eton E-5, Select-A-Tenna I.
- JEL-NM** J. E. Lewis, DXing in Santa Fe. Grundig G5, Select-A-Tenna I.
- JJR-WI** John J. Rieger, South Milwaukee. Icom IC-R75, Kiwa loop, MFJ-959B tuner-preamp.
- JW-CO** John Wilkins, Wheat Ridge. Drake R-8, 4-foot box loop.
- LK-SD** Lewis "Rusty" Kruger, Sioux Falls. GPX A2945M-E1 personal radio.
- RA-CA1** René Auvray, DXing in Barstow. 2006 Ford Taurus car radio.
- RA-CA2** René Auvray, DXing in Hesperia. 2006 Ford Taurus car radio.
- RA-NV** René Auvray, Henderson. Grundig Yacht Boy 400 PE or GE 2900A.
- REW-HI** Richard E. Wood, Keaau. Icom R75, 1800-foot Beverage to the east (Mexico/ Caribbean), 850-foot Beverage to the east-northeast (Eastern and Southern U.S Mainland), five long-wires to most other directions, each averaging 350 feet.
- SA-MB** Shawn Axelrod, Winnipeg. ICOM IC-R70, Drake R8, 4 foot unamplified box loop, Quantum loop, 155 foot outdoor wire, 100 foot indoor wire, MFJ 1026 phasing unit.
- WH-CO** Wayne Heinen, Aurora. Drake R8B, N/S Flag, E/W Flag, Modified 4 foot NRC Altazimuth loop, 15 foot vertical whip, Dual TG-1 Termination Gizmo w/2 BUF-F amplifiers, Mini-DXP5, DX Engineering RPA-1.
- Ed.-WI** Your editor, Madison. Drake R8B, Quantum QX Pro loop.

### Station News

- 560 KLZ CO Denver.** 5/4. An e-mail exchange with **Wayne Heinen** revealed that this station is now Contemporary Christian, ex-SNR sports. Station uses the slogan "560 the Light." (Ed.-WI)
- 690 KVOI AZ Tucson.** Per *Arizona Daily Star*, station adds Westwood One's Dennis Miller. Show airs weekdays 0906-1200. (DP-HI)
- 870 KRLA CA Glendale.** Per *Orange County Register*, station adds Dennis Miller 3/26. Show airs on delay weeknights 2106-2400. (DP-HI)
- 990 CBW MB Winnipeg** and
- 1050 CKSB MB Winnipeg.** 5/2. The new FM relays of these two CBC stations were heard testing for the first time today: CBW-1-FM 89.3 in stereo // 990 and CKSB-10-FM 90.5 in mono // 1050. While running programming // their AMs,

they are inserting announcements about every 15 minutes or so that this is a test. These FM relays are intended to improve coverage into Winnipeg, and there is no plan to replace the AMs at this time. They claim that the FMs are needed due to the large buildings in the city center. **(SA-MB)**

- 1170 WFDL WI **Waupun. 5/2 1559.** Nostalgia music, legal ID, CBS news at ToH followed by local news at 1603, then back to nostalgia at 1606. Station is now carrying Jones' "Music of Your Life" most of the day, dropping its former newstalk-AC oldies format, although it still has an extensive local news block during AM drive time. **(Ed.-WI)**
- 1190 KRFT MO **Desoto.** Per *Saint Louis Post Dispatch*, station adds Dennis Miller. Show airs on delay 1106-1400. **(DP-HI)**
- 1300 KKOL WA **Seattle.** Per website *dbusinessnews.com*, station adds Dennis Miller. New program director is Tom Clendening. **(DP-HI)**
- 1380 KTKZ CA **Sacramento.** Per website *dbusinessnews.com*, station adds Dennis Miller 4/16 and is simulcast on 105.5 FM. Show airs on delay weeknights 0006-0300. **(DP-HI)**
- 1660 KQWB ND **West Fargo. 4/24 1955.** Good signals. Now with ESPN sports programming, ex-newstalk. Non-ID as 16-60 ESPN, not to be confused with WQLR Kalamazoo which is ESPN 16-60. **(SA-MB)**

Presumed, Tentative, UnID

- 690 UNID **LK-SD's** unID in DDXD-W #74-25 with two announcers in FF is probably CBKF-1 Gravelbourg SK. The NRC Pattern Book shows a minor lobe in its night pattern pointing SE toward the Dakotas. CINF Montreal QC, which is non-directional, is much less likely. **(REW-HI)**
- 1290 UNID **4/10 2132.** Colorado Rockies Network ID. Only possible station I can come up with is KOWB Laramie WY. Are they Rockies Network? **(FO-OK)** (Yes--see **Barry Finkel's** "Professional Sports Networks" column in *DXN* #74-24. **Ed.-WI)**
- 1520 KGDD† OR **Oregon City. 4/8 0802.** SS Man with romantica music. Poor; over/under KVTM. **(DP-HI)**

Regular DX Loggings (times in ELT)

- 560 KSFO CA **San Francisco. 4/6 0842.** Bay Area traffic report followed by ad for a Dodge dealer. Fair, mixing with an unknown station in EE. **(RA-NV)**
- 580 KSAZ AZ **Marana. 4/5 0925.** Call ID between songs. "America's Best Radio." First time in California. **(RA-CA2)**
- 580 KMJ CA **Fresno. 4/6 0848.** News story about California agriculture. UnID QRM (may have been KSAZ AZ). Picking up strength. **(RA-NV)**
- 590 KCSJ CO **Pueblo. 4/7 1630.** "Money Talk" show with call-ins about investments. **(FO-OK)**
- 610 KEAR CA **San Francisco. 4/6 0834.** Religious music. First time heard since it was KFRC. **(RA-NV)**
- 660 KTNN AZ **Window Rock. 4/13 2137.** C&W music, Navajo male announcer. **(FO-OK)**
- 660 WBHR MN **Sauk Rapids. 4/23 0640.** Poor, with local ads, ESPN. "The Bear, Minnesota's sports station." **(JJR-WI)**
- 670 KBOI ID **Boise. 4/5 0958-1000.** News, weather and traffic in Treasure Valley; call ID followed by ABC news. Growing strength. **(RA-CA1)**
- 680 KWKA NM **Clovis. 4/6 1226.** Oldies music and ID as "AM 680 KWKA Clovis." **(FO-OK)**
- 690 KTSM TX **El Paso. 4/10 2156.** Talk about Texas law on transporting an open container, ID at 2200, Texas Rangers baseball. **(FO-OK)**
- 700 KMBX CA **Soledad. 4/3 0129.** SS popular music, ID at 0130 by a man "KMBX Soledad," PSA for "Guardia Nacional de California" with its SS website. Good over/under KHSE TX, nice for 700 watts, new. **(REW-HI)**
- 730 WPIT PA **Pittsburgh. 4/2 0656.** Fair; "Back to the Bible" then time check, "at 73 WPIT." Not heard in some time. **(JJR-WI)**
- 730 KBSU ID **Boise. 4/8 2200.** "KBSU AM 730 Boise..." and string of // stations. Fair. **(WH-CO)**
- 730 KDAZ NM **Albuquerque. 4/8 2200.** "AM 730 KDAZ Albuquerque" ID in the mix. **(WH-CO)**

730	KURL	MT	<b>Billings. 4/9 0400.</b> Up from the mud. "KURL Billings" and mention of 24/7. Poor but tape added to the collection. <b>(WH-CO)</b>
730	KKDA	TX	<b>Grand Prairie. 4/10 2208.</b> "Soul Power" music, ad for Kia dealer in Plano and Lewiston, SID at 2211. <b>(FO-OK)</b>
760	KKZN	CO	<b>Thornton. 4/7 1648.</b> ID as "AM 760, Progressive Talk," then CBS news. <b>(FO-OK)</b>
780	KAZM	AZ	<b>Sedona. 4/6 0005.</b> Call ID Heard. Suddenly drowned in QRM when KKOH came up. <b>(RA-NV)</b>
780	KKOH	NV	<b>Reno. 4/7 0758.</b> Ad for Carson City car dealerships, PSA for Narcotics Anonymous; ID "NewsTalk KKOH...Reno and Northern Nevada's News Leader, depend on NewsTalk 7-80"; into ABC news. Poor. <b>(DP-HI)</b>
780	KNOM	AK	<b>Nome. 4/16 1007.</b> Man with "It is 14° in downtown Nome at 7:07 A.M. on KNOM, country music for Western Alaska!" Into C&W oldie. Very good. KENI 650 also good then. <b>(REW-HI)</b>
790	WKRD	KY	<b>Louisville. 4/14 2328.</b> "You can hear all the action-- 790 WKRD" by a male announcer and local ads. Weak in WSGW null. New. <b>(GH-IL)</b>
820	CHAM	ON	<b>Hamilton. 4/18 2310.</b> "8-20 Cham, the Legend." Over WBAP for a few minutes, then gone. New. <b>(LK-SD)</b>
830	KLAA	CA	<b>Orange. 4/5 2205.</b> Out of ad string with "KLAA AM 830 Orange-Los Angeles, Southern California's 50,000 watt giant." Needed call change taped. <b>(WH-CO)</b>
830	KLAA	CA	<b>Orange. 4/6 0859-0900.</b> Noted as "Southern California's 50,000 watt giant." Mention of a fishing show. First time heard since it was KPCS. Note: no QRM or IBOC signal from KXNT 840. <b>(RA-NV)</b>
830	CKKY	AB	<b>Wainwright. 4/7 0359.</b> Up briefly with WCCO nulled. "AM 830 CKKY Wainwright" after C&W song. <b>(WH-CO)</b>
830	KUYO	WY	<b>Evansville. 4/7 0800.</b> Faded up with sign-on into SRN just prior to KOA IBOC ruining the channel. <b>(WH-CO)</b>
860	KTRB	CA	<b>San Francisco. 4/16 0256.</b> Promo "Neil Boortz weekdays on the new AM 8-60 KTRB," back to Glenn Beck; Claritin ad, Ross Jardine stock trading ad, PSAs on overweight kids and Earthshare, ID "KTRB San Francisco-Oakland-San Jose, Truth for the Bay," into local newscast. What happened to the classic San Fran rock music? New from my QTH; never heard when it was based in Modesto. Fair; over/under XEMO after 0300. <b>(DP-HI)</b>
920	KLMR	CO	<b>Lamar. 4/7 1715.</b> Colorado weather, "Classic Hit Country" ID. <b>(FO-OK)</b>
930	KSEI	ID	<b>Pocatello. 4/6 0023.</b> "Idaho State plays on ESPN 930 and KRXX 1230." At first weak; gained strength. First time. <b>(RA-NV)</b>
930	WTAD	IL	<b>Quincy. 4/23 0635.</b> Poor but over others. Calls. Not common. <b>(JJR-WI)</b>
940	KIXZ	TX	<b>Amarillo. 4/13 2005.</b> Fox News Radio, ID as "Newsradio 940, Talk of Amarillo." <b>(FO-OK)</b>
970	KFEL	CO	<b>Pueblo. 4/13 1958.</b> Religious program, ID at 2000. <b>(FO-OK)</b>
990	KRSL	KS	<b>Russell. 4/7 1837.</b> Local weather, ID for FM; not bad if it is just the listed 250 watts. <b>(FO-OK)</b>
1000	KTOK	OK	<b>Oklahoma City. 4/7 1839.</b> Oklahoma City real estate program. <b>(FO-OK)</b>
1000	KKIM	NM	<b>Albuquerque. 4/9 2142.</b> "Concept of Faith" program and ID at 2145. <b>(FO-OK)</b>
1010	KCPW	UT	<b>Tooele. 4/5 1004-1005.</b> NPR news followed by call ID and Utah news. Good reception. First time heard in Barstow. <b>(RA-CA1)</b>
1010	CBR	AB	<b>Calgary. 4/8 0808.</b> Male with sports including Canadian National Team women's hockey, Masters Golf Tournament report from Westwood One reporter (outro "Steve Futterman, CBC News, Augusta"), man saying "Stay with CBC Radio throughout the day.."; at 0810 woman with "Daybreak Alberta" listing CBC Radio One stations in the province. Not logged in a long while. Poor. <b>(DP-HI)</b>
1010	KTNZ	TX	<b>Amarillo. 4/9 2255.</b> Amarillo Guerillas hockey game, ad for a car wash on Bell Street. <b>(FO-OK)</b>
1030	WBZ	MA	<b>Boston. 4/12 0339.</b> Man with "Right here on Newsradio 10-30 WBZ, 21 before 4." Good over KTWO. Always good to hear, still my most distant North American since I reactivated 11/05 (in the 1980s that honor belonged to CBA 1070 NB). <b>(REW-HI)</b>
1030	WCTS	MN	<b>Maplewood. 4/27 2025-2050.</b> "AM 10-30 WCTS... is our ministry." Religious

- talk. Strong. New. **(LK-SD)**
- 1060 KRCN CO Longmont. 4/9 2240. "Radio Colorado" ID, ad for Longmont Mall, NASCAR talk show. **(FO-OK)**
- 1060 KIJN TX Farwell. 4/13 1930. SS music; ID in SS at 1931. **(FO-OK)**
- 1070 KVKK MN Verndale. 4/1 0711. Poor over WTSO with "True Country" and "AM 1070 KVKK." A day later on 4/2, station was destroyed by fire. **(JJR-WI)** **(Bill Hale)** reported on the fire in AMS #74-25. Online reports at the time said that this fire completely destroyed the station's transmitter building and its contents, and that arson was not ruled out. At this column's deadline. I could find no further update on this situation. **(Ed.-WI)**
- 1090 WHGG TN Kingsport. 4/28 2222. Two "Mighty 1090" IDs by a male announcer and "AM Gold" music. Good signal for 8 minutes then faded into the mush. Strange conditions; no trace at all of KAAZ. New. **(GH-IL)**
- 1130 KQNA AZ Prescott Valley. 4/6 0905. Weather; Fox news was to follow. QRM from CKWX. First time heard in Nevada. **(RA-NV)**
- 1190 KXXM CA Anaheim. 4/3 0155. Vietnamese talk by a woman, then at 0200 abruptly into EE news. Good over/under KEX. Often heard on day power, but this is the first time heard at night with 1300 watts. **(REW-HI)**
- 1200 WCHB MI Taylor. 4/23 0609. Poor under others. Calls, Detroit mentions. **(JJR-WI)**
- 1210 WMPS TN Bartlett. 4/7 2035-46. Good to excellent over/under KGYN with call letters, discussion of James Bond films and music from same, into Shirley Bassey's "Goldfinger" then Johnny Cash. Lost to KGYN at power drop. Pattern book shows one fairly broad lobe SW from Memphis area, day and night, but log shows an STA 2500/63 non-directional. First time, possibly related to record cold weather. **(JEL-AR)**
- 1230 KRXX ID Rexburg. 4/19 0600. ToH "KRXX Rexburg" to FSR. New for me and taped. **(WH-CO)**
- 1240 WTAX IL Springfield. 4/23 0605. Poor over others with CBS news, WTAX news. **(JJR-WI)**
- 1250 KTFJ NE Dakota City. 4/25 0000. "KTFJ AM 1250 Dakota City, Nebraska. You're listening to Solid FM KTFJ 103.3 Sioux Falls, Iowa and KTFG 102.9 Sioux Rapids, Iowa." USA news followed. **(WH-CO)**
- 1250 KHIL AZ Willcox. 4/25 0900. Out of C&W. "You're listening to Southeast Arizona's Classic Country favorite KHIL AM 1250 Willcox" to AP news. **(WH-CO)**
- 1260 WGVM MS Greenville. 4/22 2300. "WGVM 1260 Greenville" ToH ID by a female announcer. Newscast by a female announcer, then faded. Fair. New. Was using a Heathkit GR78 receiver, circa 1974. **(GH-IL)**
- 1270 KDJI AZ Holbrook. 4/14 0905. Ending weather and promo for co-owned KRFM 96.5; into the Best of Hannity. **(WH-CO)**
- 1290 KWLS KS Pratt. 4/6 1210. Oldies, '60s and '70s music. **(FO-OK)**
- 1290 KKAR NE Omaha. 4/10 2130. ID as "K-Car", Fox News Radio, Omaha weather. **(FO-OK)**
- 1320 KGDC WA Walla Walla. 4/24 0805. Ending PSA with "KGDC, your Hometown Radio Station." New and taped. **(WH-CO)**
- 1350 KCHK MN New Prague. 4/22 0305. Ending network news. "Your Information Station, AM 1350 KCHK New Prague." **(WH-CO)**
- 1350 KBRX NE O'Neill. 4/26 0730. Fair in QRM with O'Neill and Atkinson ads; soon faded away. **(JW-CO)**
- 1360 WTAQ WI Green Bay. 4/7 2220. "On Newsradio 1360 WTAQ" by a male announcer. Fair. **(GH-IL)**
- 1370 KGNO KS Dodge City. 4/6 1208. ESPN Radio, sports talk program. **(FO-OK)**
- 1380 KHEY TX El Paso. 4/6 0028. Mention of ESPN 1380, Texas Motor Speedway race, El Paso ads. First time. **(RA-NV)**
- 1400 KVTO CA Berkeley. 4/17 0020. Man with PSA in EE for a foundation to help children. At 0021 ID "KVTO your community radio station for San Francisco-Oakland. Back to Hindi songs, then at 0100 into Chinese. First time heard with an ID other than "Voice of the Orient." **(REW-HI)**
- 1400 WLJN MI Elmwood Township. 4/28 2359. Fade-up in graveyard mess in time for a clear three-station legal ID // WLJN-FM 89.9 MI and WLJW 1370 MI. Also mentioned "Good News Media, Inc." New! **(Ed.-WI)**
- 1410 CFUN BC Vancouver. 4/18 1035. Man says "And now C-Fun 14-10 AM presents...."

			Very good. <b>(REW-HI)</b>
1420	KULY	KS	Ulysses. 4/6 1205. Chevrolet ad and ID as "Real Country 1420 KULY." <b>(FO-OK)</b>
1420	KOTK	NE	Omaha. 5/2 0700. "Newstalk 1420 KOTK Omaha." Briefly on top. <b>(WH-CO)</b>
1450	KVSI	ID	Montpelier. 4/11 0406. Ending PSA "...on AM 1450 KVSI." <b>(WH-CO)</b>
1470	KELA	WA	Centralia-Chehalis. 4/3 1000. IDs "AM 14-70 KELA" by a man, "...right here on AM 14-70 Centralia-Chehalis" by a woman, into network news. Good. <b>(REW-HI)</b>
1490	KWOK	WA	Hoquiam. 4/2 0100. ID by a man, "your ESPN Sports radio station, KWOK Hoquiam-Aberdeen." Back to ESPN. Excellent. <b>(REW-HI)</b>
1510	KMSD	SD	Milbank. 4/27 1649-1720. "Oldies Radio 15-10 KMSD." ABC news at ToH. Local KSQB 1520 off for an unknown reason. New. <b>(LK-SD)</b>
1520	KOKC	OK	Oklahoma City. 4/23 0559. Promo "Michael Savage, Neil Boortz... on Talkradio 15-20 KOKC Oklahoma City," into ABC news. Very poor; over/under mess. <b>(DP-HI)</b>
1530	KGBT	TX	Harlingen. 4/2 0153. ID by a woman, "Quince treinta, La Tremenda KGBT" (letters spoken in EE), into romantic Mexican music. DJ gave day of week ("hoy domingo"). Very good atop KFBK. NRC Pattern Book shows that the southwest lobe of its boomerang-shaped night pattern favors Hawaii. New. <b>(REW-HI)</b>
1530	KFBK	CA	Sacramento. 4/14 0105. Weather from the KFBK Weather Center, man saying "KFBK newstime..." into "Coast To Coast AM With George Noory." Very poor; KREA 1540 splatter. <b>(DP-HI)</b>
1560	KZQQ	TX	Abilene. 4/17 0100. Ending local spot. "ESPN Radio 1560 AM KZQQ Abilene" to ESPN programming. <b>(WH-CO)</b>
1580	KBLA	CA	Santa Monica. 4/13 0757. SS Gospel song, ID over it at 0800 by man "Kay-Bee-El-Lay Santa Moan-ica-Los On-hel-less," ranchera song at 0801. Poor; ripply fading. <b>(DP-HI)</b>
1590	KKZZ	CA	Ventura. 4/27 0759. PSA for Narc-Anon (not by Kelly Preston), ID "KKZZ the Connection, Ventura-Oxnard-Camarillo-Santa Paula," into CNN Radio news. Poor; over/under KLIV CA (which also carries CNN). <b>(DP-HI)</b>
1630	KKGM	TX	Fort Worth. 4/18 0037. Item on First Pentecostal Church of Austin, Texas into sermon. Very good. KVOZ 890 TX also good then. <b>(REW-HI)</b>
1640	WTNI	MS	Biloxi. 4/7 2236. ID as part of a talk show promotion: "We're gonna talk about 'em here on WTNI" by a male announcer. Good signal, stronger than WKSH. <b>(GH-IL)</b>
1640	KFXV	OK	Enid. 4/10 2101. ESPN Radio, ad for Oklahoma City-New Orleans Hornets basketball tickets. <b>(FO-OK)</b>
1660	WQLR	MI	Kalamazoo. 4/19 0256. Good signals over and under KQWB with ESPN sports and several Kalamazoo ads and info. NEW <b>(SA-MB)</b> 1660 KXTR KSKansas City. 4/28 0832. Good over an unID, with classical music. <b>(JEL-NM)</b>
1680	WTTM	NJ	Lindenwold. 4/14 2300. "1680 WTTM" ToH ID by a male announcer. Fair. New. <b>(GH-IL)</b>
1700	KKLF	TX	Richardson. 4/10 2026. Talk show; weather, 74 degrees; IDs as KLIF, which is their parallel on 570. <b>(FO-OK)</b>

## DDXD-East

### REPORTERS

HF-MI	Harold Frodge, Midland - Drake R8B + 215' center-fed RW, 85' end-fed RW, 125' bow-tie
PG-FL	Paul Gray, N0JAA, Satellite Beach - Sangean ATS-818ACS, C. Crane Twin Coil Ferrite Antenna.
HN-GA	Herbert Newberry, Milledgeville - Icom R-75, Quantum Pro loop, two random wires
IEN-FL	Ira Elbert New III, Watkinsville, GA - DXing in Titusville, FL - Sony ICF-2010
DP-HI	Dale Park, Honolulu - station news
MKB-ON	Mike Brooker, Toronto - Grundig YB-400PE, Panasonic RF-2200

## STATION NEWS

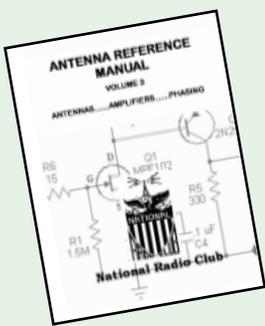
- 1280 **CFBN** **ON** **Toronto** – After Pearson Airport pulled the plug on their glorified TIS CFYZ, they re-launched on April 9 as CFBN, using slogans “Biz 1280” and “the sound of money”. The all-business format does fill a niche in Canada’s economic and financial capital. But with CFBN’s transmitter still at the airport, they will have a tough time putting a decent signal into downtown Toronto to serve their potential listeners on Bay Street. From my location a couple km. northwest of Toronto’s financial district, they routinely get hammered by WHTK-Rochester, NY. CFBN’s website offers live streaming. [See also *AM Switch*, 74-25.] **(MKB-ON)**
- 1390 **WEGP** **ME** **Presque Isle** - Adds Kim Komando per program 4/14. **(DP-HI)**
- 1480 **WHBC** **OH** **Canton** - Per *Canton Repository*, (the local newspaper) station adds Westwood One’s Dennis Miller. Show airs on delay weekdays 1206-1500. **(DP-HI)**

## LOGGINGS

- 550 **WDUN** **GA** **Gainesville** – 3/29 2307 – out of news, then ID “WDUN Gainesville”. Fair, with fades. **(HN-GA)**
- 590 **WMBS** **PA** **Uniontown** – 3/29 2330 – heard in break between NOS music: “this is WMBS, Uniontown”. Good signal. **(HN-GA)**
- 600 **WMT** **IA** **Cedar Rapids** – 3/30 0000 – “you’re listening to Newsradio 600 WMT”, on top of slop. **(HN-GA)**
- 610 **WIOD** **FL** **Miami** - 4/9 2025 - Sean Hannity Show in progress. Fair signal, but rapid to severe fading made station hard to hear, with multiple stations on same channel. **(PG-FL)**
- 630 **WBMQ** **GA** **Savannah** – 4/2 1725 – Sean Hannity show. Decent signal. Decent signal. “Newstalk 630, WBMQ”. **(IEN-FL)**
- 640 **WMEN** **FL** **Royal Palm Beach** – 4/2 1728 – Decent signal. Slogan “640, Mantalk”. **(IEN-FL)**
- 680 **WPTF** **NC** **Raleigh** - 4/8 0240 - Solid signal, some flutter. Weather report, then short ID, “News Talk 680 WPTF.” **(PG-FL)**
- 690 **WOKV** **FL** **Jacksonville** - 4/9 2056 - Sean Hannity Show. Poor signal, very “wavy,” slowly faded in and out with multiple stations. Signal improved slightly after top of hour. “Jacksonville’s #1 news, traffic and weather station, AM 690 and 106.5 FM, WOKV.” **(PG-FL)**
- 700 **WLW** **OH** **Cincinnati** - 4/8 0255 - American Truckers Network show in progress, asking the question, “What’s your favorite way to prepare eggs?” Good signal, slight fade. **(PG-FL)**
- 720 **WGN** **IL** **Chicago** - 4/8 0302 - News in progress with Christopher Michael. Poor to fair signal, faded out at 0304, then back at 0306 with a weather report. Rapid fading. **(PG-FL)**
- 750 **WSB** **GA** **Atlanta** - 4/8 0315 - Hunting call-in show in progress, discussing game birds. Good signal, some fading. **(PG-FL)**
- 760 **WJR** **MI** **Detroit** - 4/9 2150 - Dr. Laura Schlesinger self-help program. Good signal, slowly fades in and out with SS station WLCC. **(PG-FL)**
- 770 **WABC** **NY** **New York** – 4/3 2117 – \_ hour drop. Good signal. “Newstalk Radio 77, WABC”. **(IEN-FL)**
- 780 **WBBM** **IL** **Chicago** - 4/8 0321 - Local news in progress. Heard ID, “News Radio 780 WBBM and WBBM780.com.” Fair signal, moderate fading. **(PG-FL)**
- 790 **WNIS** **VA** **Norfolk** - 4/9 2229 - Barely audible in the mud while listening for a Florida station. Promo, “You want it, you got it, Fox News on the hour and half-hour, every [unintelligible], on News Radio 790 WNIS.” **(PG-FL)**
- WMC** **TN** **Memphis** – 3/30 0022 – on top with “Country legends on WMC 79” into C&W song. **(HN-GA)**
- 840 **WHAS** **KY** **Louisville** - 4/8 0335 - Promo for high blood pressure, then news items and lead-in to Coast-to-Coast AM. Solid signal, no fading. **(PG-FL)**
- 860 **WGUL** **FL** **Dunedin** – 4/3 2119 – Mike Gallagher show. Good signal. “Talkradio 860, WGUL”. **(IEN-FL)**
- 880 **WCBS** **NY** **New York** – 4/3 2122 – Baseball promo. Good signal. “The magic of opening day on WCBS”. **(IEN-FL)**
- 960 **WFIR** **VA** **Roanoke** – 3/30 0030 – promo for “morning news, weather and traffic on 960 WFIR”. On top with minor fades. **(HN-GA)**

- 970 **WGTK** KY **Louisville** – 3/30 0035 – on top with “970 WGTK” between news and talk. (HN-GA)
- 1000 **WMVP** IL **Chicago** - 4/9 2325 - Baseball news and talk program in progress, interspersed with current game scores and stats. “ESPN 1000, Chicagoland’s leader in sports.” (PG-FL)
- 1200 **CFGO** ON **Ottawa** – 4/16 2022 - Caught Team 1200 spot; sports pgm mixing w/Savage Nation u/WCHB. No sign of the religious music station heard previous days. (HF-MI)
- WCHB** MI **Taylor** – 4/11 1932 – slogan “News-Talk 1200 WCHB, the People’s Station”; referred to the Detroit riots as, “The Detroit Rebellion”. Solid except for a few brief QSBs. (HF-MI)
- WKST** PA **New Castle** – 4/16 2146 - Pirates baseball. One in the mix. (HF-MI)
- WOAI** TX **San Antonio** – 4/12 2204 - Just caught a call ID spot after weather, u/WCHB. Prior to 2100, a religious music station was the predominant WCHB QRM. (HF-MI)
- 1340 **WSTV** OH **Steubenville** – 5/2 0600 – over usual WLVL groundwave with top of hour dual ID: “ESPN 1290 WOMP Bellaire-Wheeling, 1340 WSTV Steubenville” into ESPN sports news, leading off with NBA and NHL playoff highlights. (MKB-ON)
- 1370 **WCOA** FL **Pensacola** – 4/3 2130 – Weather forecast and ABC News. Decent signal. “Newstalk 1370, WCOA”. (IEN-FL)
- 1460 **WHIC** NY **Rochester** – 4/15 0759 – over CJOY groundwave with ToH ID: “the station of the cross, Catholic radio 1460 AM WHIC Rochester” into EWTN Holy Eucharist. (MKB-ON)
- 1470 **WSAN** PA **Allentown** – 4/17 0700 – ex-oldies WKAP noted under WNYW Ithaca, NY with “WSAN Allentown, sports radio AM 1470” ToH ID. (MKB-ON)
- 1630 **KKGM** TX **Fort Worth** – 4/3 2051 – Southern Gospel. Decent signal. “Southern Gospel 1630, KKGM”. (IEN-FL)
- 1650 **KWHN** AR **Fort Smith** – 4/3 2048 – Sean Hannity promo. Decent signal. “Newstalk 1650, KWHN”. (IEN-FL)
- 1660 **WQLR** MI **Kalamazoo** – 4/16 1939 - New call (ex-WQSN); Cubs Radio Net w/Cubs Central pre-game; ads for Mi Ranchito in Oshtemo, Joe Ross Used Cars, Shakespeare’s Pub; IDs as “ESPN 16-60, Kalamazoo’s sports station ESPN”, “ESPN 16-60 WQLR”. S20 w/touch of QSB/QRM. (HF-MI)

## Antenna Reference Manual, Volume 3



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## NRC AM Radio Log, 27th Edition



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# *International DX Digest*

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Foreign DX Catches. Times are UTC; for ELT, subtract 5 hrs.

## Transatlantic DX

- 162 **FRANCE** *France-Inter*, Allouis (47°10'N 02°12'E) APR 5 0454 - French talk by man. Good signal. [Beu-TX]
- 531 **ALGERIA** *Chaîne 1*, El Ain Beida (35°49'N 07°19'E) APR 25 0120 - Parallel 549 with guitar, drums, male Arabic vocal; fair. [Connelly\*R-MA]
- 549 **ALGERIA** *Chaîne 1*, Les Trembles (35°17'N 00°34'W) APR 25 0101 - Parallel 702 with Arabic news; loud. [Connelly\*R-MA]
- 567 **SPAIN** *RNE5* synchros APR 25 0122 - Parallel 684 with woman in Spanish; fair, dominant. [Connelly\*R-MA]
- 576 **ALGERIA** *Chaîne 1*, Béchar (31°38'N 02°18'W) APR 25 0124 - Parallel 549 with Arabic vocal; slightly over *RNE* Canaries-Spain. [Connelly\*R-MA]
- 585 **SPAIN** *RNE1* Madrid (40°28'N 03°52'W) APR 25 0115 - Parallel 684 with telephone interview; good. [Connelly\*R-MA]
- 594 **PORTUGAL** *R.Renascença*, Muge (39°05'N 08°41'W) APR 25 0115 - Parallel 963 with Portuguese male vocal; in co-channel jumble and 590 VOXM/WEZE slop. [Connelly\*R-MA]
- 603 **FRANCE** *France Info*, Lyon-Tramoyes (45°53'N 04°57'E) APR 25 0113 - Parallel 1206 with classical music; over Spain. [Connelly\*R-MA]
- 603 **SPAIN** *RNE5* synchros APR 25 0113 - Parallel 684 with man and woman in Spanish; under France. [Connelly\*R-MA]
- 612 **MOROCCO** *RTM A*, Sebaa-Aioun (33°54'N 05°23'W) APR 22 0042 - Arabic female vocal; fair. [Connelly\*B-MA] APR 25 0112 - Highly-compressed fast Arabic talk by man; now loud and dominant. [Connelly\*R-MA]
- 621 **CANARY ISLANDS // SPAIN** *RNE1* synchros, Santa Cruz de Tenerife et al. APR 5 0444 - Spanish news/talk by woman. Good signal. [Beu-TX] APR 25 0109 - Parallel 684 with Spanish talk by woman; good. [Connelly\*R-MA]
- 630 **TUNISIA** *ERTT* Tunis APR 25 0109 - Likely this with shrill Arabic vocal; under WPRO. [Connelly\*R-MA]
- 639 **SPAIN** *RNE1* La Coruña et al. APR 22 0039 - Spanish talk; getting by CBN. [Connelly\*B-MA] APR 25 0109 - Spanish parallel 684; to good peak. [Connelly\*R-MA]
- 648 **SAUDI ARABIA** *BSKSA* Jeddah APR 25 0105 - Tentative; Koranic vocal may have been parallel 1521; in mix with Spain. [Connelly\*R-MA]
- 648 **SPAIN** *RNE1* Badajoz et al. APR 25 0107 - Parallel 684 with talk; now over the co-channel Arabic station. [Connelly\*R-MA]
- 657 **SPAIN** *RNE5* Madrid (40°28'N 03°52'W) APR 25 0104 - Parallel 684 with news; fair. [Connelly\*R-MA]
- 666 **ALGERIA** *Chaîne 1*, Tindouf APR 25 0125 - Parallel 549 with Arabic male vocal, strings; over Portugal. [Connelly\*R-MA]
- 666 **PORTUGAL** *RDP1* synchros APR 25 0058 - Parallel 720 with smooth jazz; fair, over Algeria, others. [Connelly\*R-MA]
- 675 **NETHERLANDS** *Arrow Rock*, Lopik (52°01'N 05°03'E) APR 25 0104 - Doobie Brothers "China Grove"; good. [Connelly\*R-MA]
- 684 **SPAIN** *RNE1* Sevilla (37°12'N 05°55'W) APR 4 0503 - Reports by man in Spanish and brief music interludes. Good signal. [Beu-TX] APR 25 0103 - Fast Spanish news and interview by woman; good. [Connelly\*R-MA]
- 693 **AZORES** *RDP 1*, Terceira (38°43'N 27°19'W) APR 25 0126 - Portuguese talk; mixed with UK, Spain. [Connelly\*R-MA]
- 693 **UNITED KINGDOM** *BBC Radio 5*, Droitwich et al. APR 25 0102 - BBC news; slightly over jumble. [Connelly\*R-MA]
- 702 **ALGERIA** *Chaîne 1*, Djelfa APR 25 0101 - Parallel 549 with Arabic news by man; over unID chanting station. [Connelly\*R-MA]
- 711 **FRANCE** *France Info*, Rennes (47°51'N 01°30'W) APR 25 0127 - Parallel 1206 with uptempo '50s-type jazz; good. [Connelly\*R-MA]
- 720 **PORTUGAL** *RDP1* synchros APR 25 0058 - Parallel 666 with smooth jazz; to fair peak over others. [Connelly\*R-MA]

- 729 **SPAIN** *RNE1* synchros APR 25 0056 - Parallel 855 with vocal; in CKAC slop. [Connelly\*R-MA]
- 738 **SPAIN** *RNE1* Barcelona (41°23'N 02°12'E) APR 25 0056 - Parallel 855 with vocal; in CHCM slop. [Connelly\*R-MA]
- 747 **CANARY ISLANDS // SPAIN** *RNE5* synchros APR 25 0056 - Parallel 855 with talk, romantic vocal; over others. [Connelly\*R-MA]
- 747 **NETHERLANDS** *Radio 5, Flevoland* (52°23'N 05°25'E) APR 22 0037 - Cultural program with pop-style Middle East music; to fair peak. [Connelly\*B-MA] APR 25 0100 - Pips, Dutch news; now dominant. [Connelly\*R-MA]
- 756 **GERMANY** *Deutschlandfunk, Braunschweig & Ravensburg* APR 25 0056 - Parallel 1422 with classical music; good, over Spain. [Connelly\*R-MA]
- 765 **SWITZERLAND** *RSR Option Musique, Sottens* (46°39'N 06°44'E) APR 25 0055 - Peter Gabriel or similar vocal; good. [Connelly\*R-MA]
- 774 **SPAIN** *RNE1* synchros APR 25 0054 - Parallel 855 with Spanish talk; only fair, slightly over others. [Connelly\*R-MA]
- 783 **MAURITANIA** *R.Mauritanie, Nouakchott* (18°07'N 15°57'W) APR 25 0053 - Parallel 4845 with Koranic recitation; loud, nearly equal to level of adjacent power-pest CFDR. [Connelly\*R-MA]
- 792 **FRANCE** *France Info, Limoges* (45°56'N 01°10'E) APR 20 0125 - Fair; woman and man in French, orchestra instrumental, parallel 1206 kHz. [Conti-NH] APR 25 0052 - Parallel 1206 with instrumental mood music; fair, over Spain. [Connelly\*R-MA]
- 792 **SPAIN** *SER* Seville APR 25 0052 - Talk parallel 1116; under France. [Connelly\*R-MA]
- 801 **SPAIN** *RNE1* synchros APR 25 0051 - Parallel 855 with folk-rock; fair. [Connelly\*R-MA]
- 819 **EGYPT** *ERTU* Batra (31°09'N 31°27'E) APR 25 0128 - Koranic vocal; good over Morocco and low growl. [Connelly\*R-MA]
- 837 **CANARY ISLANDS // SPAIN** *COPE* synchros APR 25 0049 - Echoey Spanish talk. [Connelly\*R-MA]
- 837 **FRANCE** *France Info, Nancy* (48°53'N 06°14'E) APR 25 0128 - Parallel 1206 with jazz; good. [Connelly\*R-MA]
- 846 unID APR 25 0130 - Audio sounded like Middle Eastern music; poor in WEEI slop. [Connelly\*R-MA]
- 855 **SPAIN** *RNE1* synchros APR 25 0000 - Pips, Radio Nacional de España ID, news; huge, some echo but less than noted at other times. [Connelly\*R-MA]
- 864 **FRANCE** *France Bleu, Villebon-sur-Yvette* (48°41'N 02°14'E) APR 22 0030 - Woman in French, then rock music; to fair peak over Egypt. [Connelly\*B-MA] APR 24 2325 - Parallel 1494 with oldie "Driver's Seat" by Sniff 'n' the Tears; excellent. [Connelly\*R-MA]
- 873 **SPAIN** *SER* synchros APR 25 0131 - Spanish teletalk; over unID second station that seemed to be in US English (*AFN* Germany?). [Connelly\*R-MA]
- 882 **CANARY ISLANDS // SPAIN** *COPE* synchros APR 25 0133 - Spanish talk; mixed with UK and possible Serbia. [Connelly\*R-MA]
- 882 **SERBIA** *Podgorica et al.* APR 25 0133 - Tentative; Slavic-sounding talk mixing with UK and Canaries-Spain. [Connelly\*R-MA]
- 882 **UNITED KINGDOM** *BBC R.Wales, Washford* (51°10'N 03°21'W) APR 25 0133 - English talk by woman, bit of pop music; just a bit over *COPE* and others. [Connelly\*R-MA]
- 890.98 **ALGERIA** *Chaîne 1, Algiers* (36°40'N 03°09'E) APR 22 0027 - Arabic teletalk; strong, nearly equal to 890 WAMG (59.4 dBu, 0.93 mV/m per V-Soft). [Connelly\*B-MA] APR 25 0134 - Parallel 549 with male vocal and orchestra; much stronger than adjacent 890 WAMG/Cuba mix. [Connelly\*R-MA]
- 909 **UNITED KINGDOM** *BBC Radio 5 Live* synchros APR 25 0135 - Sports report mentioning outstanding footballer from Edinburgh; excellent. [Connelly\*R-MA]
- 918 **SPAIN** *R.Intercontinental, Madrid* APR 25 0136 - Spanish teletalk; trashed by local-like CJCH. [Connelly\*R-MA]
- 936 **SPAIN** *RNE5* synchros APR 25 0045 - Parallel 855 with Bob Dylan song with rock guitar, then man in Spanish; good. [Connelly\*R-MA]
- 945 **FRANCE** *France Info, Toulouse* (43°21'N 01°20'E) APR 25 0044 - Spy / adventure film orchestral music; fair to good. [Connelly\*R-MA] MAY 4 0035 - Good; man with end of news, *France Info* ID, contemporary vocal. [Conti-NH]
- 954 **SPAIN** *Onda Cero, Madrid* APR 25 0041 - Spanish teletalk; fair to good, over station with Koranic vocal. [Connelly\*R-MA]
- 954 unID APR 25 0042 - Koranic vocal under Spain. Suspects: Turkey, Qatar. [Connelly\*R-MA]

- 963 **PORTUGAL** *R.Renascença*, Seixal (38°38'N 09°05'W) APR 25 0115 - Parallel 594 with Portuguese vocal; in multi-station pile-up. With once-adjacent CHNS gone, this channel is a total DX shooting gallery. [Connelly\*R-MA]
- 963 **SPAIN** *R.Euskadi*, Vitoria APR 25 0117 - Spanish teletalk; rising atop the jumble. [Connelly\*R-MA]
- 963 **TUNISIA** *RTT* Tunis (36°48'N 10°10'E) APR 25 0117 - Likely this with chanting; under Portugal and Spain mix. [Connelly\*R-MA]
- 963 **UNITED KINGDOM** APR 25 0039 - Tentative; Kim Carnes "Bette Davis Eyes," British-accent talk by man, then Rod Stewart "Sailing"; barely over a pile of others. [Connelly\*R-MA]
- 981 unID APR 25 0037 - Man and woman in French; dominant. This could be either Algeria or France. [Connelly\*R-MA]
- 999 **SPAIN** *COPE* Madrid (40°28'N 03°52'W) APR 22 0024 - Fast Spanish talk by man; good. [Connelly\*B-MA] APR 24 2342 - Parallel 1296 with talk, segment of "My Generation" by the Who, *COPE* ID; local-like. [Connelly\*R-MA]
- 1008 **CANARY ISLANDS** *Punto Radio*, Las Palmas APR 25 0138 - Fast Spanish talkshow; over *SER* Spain and Holland. [Connelly\*R-MA]
- 1017 **GERMANY** *SWR Cont.Ra*, Wolfsburg (49°53'N 08°03'E) APR 25 0139 - Man in German; now dominant. [Connelly\*R-MA]
- 1017 **SPAIN** *RNE5* synchros APR 25 0029 - Parallel 684 with Spanish talk about women's issues; loud, way over Germany / Turkey. [Connelly\*R-MA]
- 1026 **SPAIN** *SER* synchros APR 25 0026 - Parallel 1116 with Spanish talk; good, over others with WBZ phased. [Connelly\*R-MA]
- 1044 **MOROCCO** *RTM A/C*, Sebâ-Aioun (33°54'N 05°23'W) APR 25 0023 - Arabic talk; huge. On air later than usual. [Connelly\*R-MA]
- 1044 **SPAIN** *SER* synchros APR 25 0023 - Parallel 1116 with talk, music; under Morocco. [Connelly\*R-MA]
- 1053 **UNITED KINGDOM** *TalkSport* synchros APR 22 0022 - TalkSport ID, promotion for an upcoming program; good with WEPN phased. [Connelly\*B-MA] APR 25 0021 - Parallel 1089 with adverts (Nivea, Auto Trader), TalkSport ID, phone number 087-04-20-20-20; loud. [Connelly\*R-MA]
- 1062 **ITALY** *Rai Radiouno* synchros APR 27 0351 - Good; pre sign-on test tones, 0415 woman in Italian parallel 1575 kHz. Test tone audio uploaded to dxclipjoint.com. [Conti-NH]
- 1071 **SPAIN** *Euskadi Irratia*, Bilbao APR 25 0004 - Parallel 1161 and 1197 with Ella Fitzgerald "A-Tisket A-Tasket"; good, getting by CBA. [Connelly\*R-MA]
- 1080 **SPAIN** *SER* synchros APR 25 0022 - Parallel 1116 with teletalk; good, over nulled WTIC. [Connelly\*R-MA]
- 1089 **UNITED KINGDOM** *TalkSport* synchros APR 22 0018 - Woman talked about Iraq and described victims being removed from a house that collapsed during a combat-related fire; to good peak. [Connelly\*B-MA] APR 25 0021 - Parallel 1053 with adverts for Nivea lotion and Auto Trader, followed by *TalkSport* ID; good. [Connelly\*R-MA]
- 1098 **SPAIN** *RNE5* synchros APR 24 2334 - Parallel 1413 with Spanish news by man and woman; extremely echoey (sounding like a bad '50s sci-fi movie). APR 25 0018 - Instrumental excerpt from 1969 hit "Je T'Aime (Moi Non Plus)," then Spanish talk; loud. [Connelly\*R-MA]
- 1107 **SERBIA** *R.Beograd 1*, Novi Sad (45°45'N 19°22'E) APR 7 0215 - Presumed with classical music; briefly over Spain/hets. [Conti-NH]
- 1107 **SPAIN** *RNE5* synchros APR 7 0220 - Atop off-frequency hets with talk and distinct synchro echo. [Conti-NH] APR 22 0005 - Echoey Spanish newstalk; less growl than usually noted. [Connelly\*B-MA] APR 25 0016 - Parallel 855 with operatic male Spanish vocal; to good peak but still a tough 1107.13 het here. [Connelly\*R-MA]
- 1116 **ITALY** *Rai Radiouno* synchros APR 27 0346 - Pre sign-on test tones just getting started; under *SER* Spain synchros. MAY 4 0348 - Poor, under Spain. Overall poor transatlantic reception tonight, dominated by France, Spain, and UK regulars. [Conti-NH]
- 1116 **SPAIN** *SER* synchros APR 24 2345 - Parallel 1287 with Spanish interview about economic issues; loud. [Connelly\*R-MA] APR 27 0225 - Good; telephone talk. [Conti-NH]
- 1134 **CROATIA** *Glas Hrvatske*, Zadar (44°06'N 15°15'E) APR 6 0224 - Jazz instrumental. Good signal. [Beu-TX] APR 22 0005 - Slavic news by woman; huge. This and Saudi-1521 were the loudest TA's. [Connelly\*B-MA] APR 25 0012 - Slavic talk; now over *COPE*, monster level. [Connelly\*R-MA]
- 1134 **SPAIN** *COPE* synchros APR 25 0011 - Parallel 999 with Spanish talk, laughing; way over Croatia. [Connelly\*R-MA]
- 1143 **ITALY** *Rai Radiouno* synchros APR 27 0355 - Pre sign-on test tones; under *COPE* Spain syn-

- chros. New log. [Conti-NH]
- 1143 **SPAIN** COPE synchros APR 25 0008 - Parallel 999 with segment of African-accented English talk by a man, "I like all the children ..." then Spanish talk about him. [Connelly\*R-MA]
- 1152 **SPAIN** RNE5 synchros APR 25 0006 - Severely echoey talk parallel 1098; strong, over apparent Romania. [Connelly\*R-MA]
- 1161 **SPAIN** Euskadi Irratia, San Sebastián APR 25 0004 - Parallel 1071 and 1197 with Ella Fitzgerald "A-Tisket A-Tasket"; good, blowing by WSKW. [Connelly\*R-MA]
- 1170 **UNITED ARAB EMIRATES** R.Sawa, Al Dhabiya (24°11'N 54°14'E) APR 25 0003 - Guitar music, Mideast female vocal; huge, local-like! [Connelly\*R-MA]
- 1179 **CANARY ISLANDS** // **SPAIN** SER synchros APR 25 0002 - SER news in Spanish; in even mix with Romania. [Connelly\*R-MA]
- 1179 **ROMANIA** România Actualitatea, Galbeni-Bacau et al. APR 25 0002 - Parallel 1332 with news in Romanian; mixed with SER Canaries-Spain. [Connelly\*R-MA]
- 1197 **SPAIN** Euskadi Irratia, Vitoria APR 24 2354 - Spanish talk; dominant over UK. [Connelly\*R-MA]
- 1197 **UNITED KINGDOM** Virgin Radio synchros APR 24 2354 - Parallel 1215 with rock; under Spain. [Connelly\*R-MA]
- 1206 **FRANCE** France Info, Bordeaux (44°57'N 00°11'W) APR 21 2337 - Folk-style French male vocal; good. [Connelly\*B-MA] APR 24 2337 - Parallel 1377 with romantic instrumental music; excellent. [Connelly\*R-MA]
- 1215 **SPAIN** COPE synchros APR 24 2352 - Parallel 999 with talk by man and woman; mostly under UK. [Connelly\*R-MA]
- 1215 **UNITED KINGDOM** Virgin Radio synchros APR 21 2335 - "Love is a Battlefield" by Pat Benatar; to good peak. [Connelly\*B-MA] APR 24 2352 - Modern rock song influenced by old T Rex; good. [Connelly\*R-MA]
- 1224 **SPAIN** COPE synchros APR 24 2347 - Parallel 999 with Spanish talk; fair over Middle East sounding station. [Connelly\*R-MA]
- 1251 **LIBYA** Libyan Jamahiriya, Tripoli (32°50'N 13°00'E) APR 21 2338 - Bits of Arabic talk by woman; at low audio level on good carrier. [Connelly\*B-MA]
- 1269 unID APR 24 2346 - Spain or Canary Islands; Spanish talk; in bad WTSN and CJC B slop. [Connelly\*R-MA]
- 1287 **ISRAEL** Galei Zahal, Ramle (31°50'N 34°50'E) APR 27 0240 - Pop music, then a man in Hebrew announced presumably the song and artist, followed by further announcements and pop music; transmitter site dawn enhancement, fading out before 0300. Audio uploaded to dxclipjoint.com. unID interference with France Info on 1206 in the same timeframe might also be Israel. New country! [Conti-NH]
- 1287 **SPAIN** SER synchros APR 7 0520 - Fair; telephone news/talk in Spanish, 0530 time signal into news. [Conti-NH] APR 24 2345 - Parallel 1116 with business-related Spanish phone interview; good. [Connelly\*R-MA]
- 1296 **SPAIN** COPE Valencia APR 24 2342 - Parallel 999 with man and woman in Spanish; in jumble with Sudan. [Connelly\*R-MA]
- 1296 **SUDAN** SRTC Reiba (13°34'N 33°32'E) APR 24 2344 - Arabic strings and vocal; now atop the pile. [Connelly\*R-MA]
- 1296 **UNITED KINGDOM** Radio XL, Langley Mill (52°33'N 01°46'W) APR 20 0350 - Fair; continuous Indian music with no announcements, 0400 "On 1296 AM, this is Radio XL" with UTC+1 time check into news, many Radio XL jingles. [Conti-NH]
- 1305 **SPAIN** RNE5 synchros APR 22 0001 - Spanish news; fair. [Connelly\*B-MA] APR 24 2341 - Talk parallel 1098; excellent. [Connelly\*R-MA] MAY 4 0120 - Good; telephone talk with synchro echo. [Conti-NH]
- 1314 **SPAIN** RNE5 synchros APR 7 0532 - Poor in rumble of sub-audible het; an off-frequency synchro? [Conti-NH] APR 24 2340 - Parallel 1098 with talk; poor in CKEC slop. [Connelly\*R-MA]
- 1332 **IRAN** R.Tehran, Tehran APR 24 2340 - Koranic vocal; mixed with others. [Connelly\*R-MA]
- 1332 **ROMANIA** România Actualități, Galati (45°25'N 27°54'E) APR 24 0001 - Romanian news by woman; to fair peak. [Connelly\*R-MA]
- 1341 **NORTHERN IRELAND** BBC R.Ulster, Lisnagarvey (54°30'N 06°04'W) APR 20 0240 - Good; BBC Five Live talk, parallel 693 kHz. [Conti-NH]
- 1359 **SPAIN** RNE Arganda del Rey APR 7 0445 - Good; discussion between a woman and man in Spanish, parallel 1305 kHz. APR 14 0420 - Good; studio discussion in Spanish. [Conti-NH] APR 24 2338 - Parallel 1098 with discussion; good. [Connelly\*R-MA]

- 1377 **FRANCE** *France Info*, Lille (50°31'N 02°59'E) APR 21 2340 - Parallel 1206 with romantic vocal; fair. [Connelly\*B-MA] APR 24 2337 - Music parallel 1206; good. [Connelly\*R-MA] APR 27 0316 - Excellent; fanfare, woman/man with news. [Conti-NH]
- 1395 **NETHERLANDS** *The Big L*, Trintelhaven (52°38'N 05°25'E) APR 24 2335 - "Let's Spend the Night Together" by the Rolling Stones, then *Big L* ID, talk about football; good. [Connelly\*R-MA]
- 1404 **FRANCE** *France Info* synchros APR 7 0510 - Good; news/talk in French, 0512 *France Info* ID, parallel an excellent 1206 signal. [Conti-NH] APR 24 2335 - Parallel 1206 with French talk; over Mideast-sounding station (Iran?). [Connelly\*R-MA]
- 1413 **SPAIN** *RNE5* synchros APR 7 0459 - Good; instrumental music leading up to 0500 time marker and fanfare into network news. [Conti-NH] APR 24 2334 - Parallel 1098 with news by man and woman; to good peak, over others. [Connelly\*R-MA] Over others? Most intriguing as there aren't many stations here; Iraq, Moldova, Oman, Russia, low-power UK.
- 1422 **ALGERIA** *RTA* Algiers (36°40'N 03°09'E) APR 21 2359 - Man and woman in French; fair; over Germany. [Connelly\*B-MA] APR 24 2332 - Arabic dance club music; good. [Connelly\*R-MA] APR 27 0320 - Presumed; string music over Germany. [Conti-NH]
- 1422 **GERMANY** *Deutschlandfunk*, Heusweiler (49°21'N 06°55'E) APR 25 0056 - Parallel 756 with classical music; good. [Connelly\*R-MA] APR 27 0323 - Good; man/woman in German with news/feature parallel 6190 kHz. [Conti-NH]
- 1431 **DJIBOUTI** *R.Sawa*, Arta (11°31'N 42°50'E) APR 24 2331 - Mellow Arabic female vocal with pop-style instrumentation; to good peak. [Connelly\*R-MA]
- 1440 **SAUDI ARABIA** *BSKSA* Damman APR 24 2329 - Parallel 1521 with Arabic strings and percussion; slightly over WJAE and other domestics. [Connelly\*R-MA]
- 1449 **LIBYA** *Voice of Greater Arab Homeland*, Misurata (32°46'N 15°05'E) APR 21 2341 - Arabic music; het against WNBK. [Connelly\*B-MA]
- 1458 **UNITED KINGDOM** unID APR 20 0415 - Either *Sunrise Radio* or *BBC Asian Network* with pulsating Indian music, seemed parallel *Sunrise Radio* streaming audio but 1458 audio too weak to be sure. [Conti-NH]
- 1467 **FRANCE** *TWR* Roumoules (43°47'N 06°09'E) APR 7 0405 - Fair to good; somber vocals, German program per WRTH. 0415 one cycle of interval signal, then off. [Conti-NH]
- 1485 **MELILLA** // **SPAIN** *SER* synchros APR 24 2326 - Spanish teletalk; way over unID others. [Connelly\*R-MA]
- 1494 **CORSICA** *France Bleu*, Bastia (42°47'N 09°24'E) APR 24 2325 - Parallel 864 with "Driver's Seat" by Sniff 'n' the Tears (from '79); good, over others. [Connelly\*R-MA]
- 1503 **IRAN** *IRIB Sarasary*, Bushehr (28°58'N 50°51'E) APR 24 2320 - Most likely this with Mideast music; mixed with Spain. [Connelly\*R-MA]
- 1503 **SPAIN** *RNE5* Piñeira and La Línea de la Concepción APR 7 0505 - Fair in 1500 WTWP slop; news ending with network ID, music into talk, parallel 1305 kHz. [Conti-NH] APR 21 2357 - '40s-style nightclub female vocal; to good peak. [Connelly\*B-MA] APR 24 2320 - Out-of-step echoey Spanish synchro audio; over Iran. [Connelly\*R-MA]
- 1512 **SAUDI ARABIA** *BSKSA* Jeddah APR 20 0110 - Fair; Call of Islam parallel 1521 kHz. [Conti-NH] APR 24 2323 - Arabic vocal; dominant. Pop music station (Greece?) under. [Connelly\*R-MA]
- 1521 **SAUDI ARABIA** *BSKSA* Duba (27°20'N 35°45'E) APR 6 0243 - Talk by man in Arabic. Good signal peak. [Beu-TX] APR 20 0015 - Excellent, stronger than 1520 WWKB; discussion by women in Arabic. [Conti-NH] APR 21 2342 - Fast Arabic talk in interview; over Spain. Stronger than adjacent WIZZ and WWKB. [Connelly\*B-MA] APR 24 2254 - Man and woman in Arabic; local-like. [Connelly\*R-MA]
- 1530 **VATICAN** *R.Vaticana*, Vatican City (42°03'N 12°19'E) APR 7 0420 - One cycle of interval signal into choral music; in WCKY null. APR 14 0439 - Three cycles of interval signal under WCKY. [Conti-NH]
- 1539 **SPAIN** *SER* synchros, APR 24 2316 - Bits of Spanish teletalk; in severe WGIP slop. [Connelly\*R-MA]
- 1548 **KUWAIT** *R.Sawa*, Kabd-Kuwait City (29°10'N 47°32'E) APR 20 0050 - Good; "Lady Marmalade" from *Moulin Rouge*, then a Mideast contemporary vocal. [Conti-NH] APR 24 2314 - US pop/dance female vocal, then man in Arabic; good, slight *RASD* slop. [Connelly\*R-MA] APR 27 0115 - Excellent; quick *R.Sawa* ID into hourly news. [Conti-NH]
- 1550 **ALGERIA** *RASD* Tindouf APR 24 2256 - Parallel 6300 with Arabic rock male vocal; good, blasting over phased WNTN. [Connelly\*R-MA]
- 1557 **FRANCE** *France Info*, Fontbonne (43°46'N 07°25'E) APR 7 0422 - Fair; news/talk in French. [Conti-NH] APR 24 2300 - French news; good. [Connelly\*R-MA]

- 1575 **ITALY** *Rai Radiouno* synchros APR 27 0350 - Pre sign-on test tones; loud! [Conti-NH]  
 1575 **SPAIN** *SER* synchros APR 20 0100 - Fair over presumed UAE; woman in Spanish with news headlines. [Conti-NH]  
 1575 **UNITED ARAB EMIRATES** *R.Farda*, Al Dhabiya (24°11'N 54°14'E) APR 24 2300 - Peaked up way over pile with clear *R.Farda* ID; Spain and Italy mixing at times. [Connelly\*R-MA] APR 27 0130 - Good; hourly news / talk segment in Farsi until 0145, then pop music. [Conti-NH]  
 1584 **CEUTA** *RadiOlé*, Ceuta (35°53'N 05°17'W) APR 24 2308 - Tropical music; to good peak over *SER* Spain. [Connelly\*R-MA]  
 1611 **ITALY** *R.Vaticana*, Santa Maria di Galeria (41°54'N 12°27'E) APR 7 0430 - Good; choir music, male speaker, 0439 *R.Vaticana* ID with organ music, one cycle of interval signal into next program. [Conti-NH]

#### Pan-American DX

- 630 **CUBA** *R.Progreso*, Pinar del Río (22°25'N 83°43'W) MAY 4 0410 - Barbara Streisand "Woman in Love" (1980) parallel 640 and 890 kHz; equal with WPRO, over WMAL. [Conti-NH]  
 660 **MEXICO** *XEAR La Mexicana*, Tampico (22°12'N 97°50'W) APR 6 0510-0530 - Rather unprofessional show with much dead air, irregular breaks, IDs and promos interrupting songs. Very familiar, traditional Mexican songs and polkas. 0510, 0518, etc. "La música que ustedes han solicitado en La Mexicana 660 AM." 0517 man's voice "660," jingle "El canal." 0518 ID, "50,000 wats de éxitos mexicanos, La Mexicana 660 AM." Dominant, often booming, at times another XE, perhaps XESJC; 0518 WFAN New York with ID and sports, 0525 WFAN and another U.S. station, perhaps KTNN. New. [Wood-HI]  
 730 **CUBA** *CMBB R.Progreso*, Nueva Gerona, Isla de la Juventud (21°53'N 82°48'W) MAY 3 0850 - Fair; rustic folk vocal parallel 640 and 890 kHz. [Conti-NH]  
 770 **MEXICO** *XEJJR La Ke Guapa*, Los Mochis, Sin APR 23 0505 - ID, "Sintonizan La Ke Guapa, Los Mochis, Sinaloa," 0506 national anthem by symphony orchestra, all three verses. 0508 man, "XEJJR, La Ke Buena, Los Mochis, Sinaloa. XEJJR transmite en 770 kilohertz AM con mil wats de potencia." 0509 vocal by female. Good over / under KKOB, amazing signal if on listed night power of 100 watts and good even for day 1 kW! New, Los Mochis #6. [Wood-HI]  
 780 **ALASKA** *KNOM* Nome APR 16 1407 - "It is 14 degrees in downtown Nome at 7:07 a.m. on *KNOM*, country music for western Alaska," into old country music. Very good. 650 *KENI* also good then. Nice to hear in mid-April, and coincides with a run of good conditions to central Asia and the Middle East, but not Europe. [Wood-HI]  
 790 **CUBA** *CMAQ R.Reloj*, Pinar del Río (22°25'N 83°43'W) APR 20 0327 - Over an unID delayed *R.Reloj* signal, resulting in double minute markers and code IDs. [Conti-NH]  
 800 **NETHERLANDS ANTILLES** *PJB TransWorld Radio*, Bonaire (12°06'N 68°17'W) APR 10 0235 - "Through the Bible" program, then music to top of hour. Identified as "Trans World Radio, Netherlands Antilles." Very good signal with little fading until fade-out at 0305. [Gray-FL]  
 860 **CUBA** *CMDB R.Reloj*, Baracoa (20°21'N 74°29'W) MAY 3 0905 - Fair, over an unID tropical music station with *CJBC* nulled out. [Conti-NH]  
 870 **MEXICO** *XEFIL R.Fórmula*, Mazatlán, Sin APR 6 0459 - "En Radio Fórmula, primera cadena nacional," and PSA for "Plan Nacional de Desarrollo." 0500 ID for key station, "XERFR AM 970, 50,000 wats de potencia, Radio Fórmula, primera cadena nacional. Continuamos en Radio Fórmula. El Sistema Radiofónico presenta un programa sobre problemas de la salud con el médico doctor," into discussion of diseases and body parts. Booming signal for listed night power of 250 watts. Some *WWL*, *R.Reloj* Cuba, and another XE with one-verse national anthem by military band at 0500. Beautiful on 1800-ft unterminated east Beverage. New. [Wood-HI]  
 880 **MEXICO** *XEPNK Canal 880*, Los Mochis, Sin APR 9 0415 - Hard rock in Spanish, "Están escuchando *XEPNK* Los Mochis 880 en la banda AM. *XEPNK* las 24 horas, teléfono 818-1428," into rock vocal, "Tienes miedo..." in Spanish with some words in English. 0418 rock vocal, "las fuerzas que tienes..." The hardest rock I have heard from an XE station. Very good, dominant, some *KRVN* at times, new. Los Mochis with its fine coastal location is also regularly heard on 540, 650, 1410, and 1450 (it dominates that GY here). [Wood-HI]  
 890 **ALASKA** *KBBI* Homer APR 6 1440 - "You're listening to Morning Edition from NPR, I'm Renée Montaigne." Very good, nice to hear in April. Best on 850-ft east/northeast Beverage. [Wood-HI]  
 890 **CUBA** *CMDZ R.Progreso*, Chambas (22°11'N 78°54'W) APR 12 0800 - "La música popular cubana," ID by man: "Radio Progreso," gong, "Las cuatro," into tropical vocals. Good, some

WLS, new. [Wood-HI]

- 960 **CUBA** CMDJ *R.Relej*, Guantánamo APR 5 0520 - Usual RR code, news, second ticks. Good over/under KQKE. [Wood-HI]
- 1020 **CUBA** *R.Relej*, unknown location APR 13 0125 - News, time marker, code ID, over unID religious program in Spanish with KDKA nulled. [Conti-NH]
- 1190.34 unID APR 24 2355 - Fairly strong low het against WLIB. [Connelly\*R-MA]
- 1280 **BERMUDA** VSB2 Hamilton APR 30 0504 - "Amazing Grace" and other standard hymns, mostly choral with organ, Anglican church style. 0600 ID, "This is the Bible Broadcasting Network, 1280, Hamilton, Bermuda." Good to very good atop KXTK and occasional Tupi. Last heard here in 1980s. [Wood-HI]
- 1290 **MEXICO** XEDA *La Gran D, R.Trece*, México DF APR 2 0604 - Mexico City news, "15° en la ciudad," live remote from Colonia... Febrero about a head-on collision, then news of Catholic Church opposition to abortion. 0606 time check and ID, "1 de la mañana con 6 minutos. La XEDA, la Gran D con estudios en Colonia Chapultepec, México. Radio Trece la Gran D, una estación... La Gran D continua con Muchachas Californias," into "California Girls" by the Beach Boys. The format is U.S. oldies. Very good, new. [Wood-HI]
- 1390 unID APR 27 0050 - Low frequency het on low side of 1390, could be of domestic or Latin American origin, strongest on south antenna. [Conti-NH]
- 1440 **NICARAGUA** YNRM *R.Maranatha*, Managua APR 8 0502 - "Bajo la presidencia del... Radio Maranatha, Managua. Radio Maranatha, Managua," into Spanish preacher with Easter sermon, began, "Es un verdadero privilegio estar con ustedes... en Radio Maranatha." Good, dominant on east Beverage over KUHL and an unID XE, probably XEVSD. New, first Central American heard since I reactivated in Nov '05 and no coincidence that it comes after I built and extended the Beverages. Nicaraguans I heard here in the 1980s were 750 *Estación X*, Managua (now 740 *R.Sandino* "La S Grande"), and 1475 *R.Cosigüina*, Chinandega (now off). [Wood-HI]
- 1450 **MEXICO** XECU *La Rancherita*, Los Mochis (26°25'N 108°39'W) APR 6 0537 - Live DJ, "...en La Rancherita de Los Mochis." Call-in prize contest, rancheras. Good over/under KVEN. [Wood-HI]
- 1550 **CUBA** unID APR 9 0505 - Bubble jammer, loud. Against WRHC *La Poderosa*, Coral Gables, Florida? Does WRHC (which seems to stand for Radio Habana Cuba) have political programs late nights? Cuba 640, 710, 770, 1180, etc. were good then. Do listeners in Florida hear this? [Wood-HI]

#### Transpacific DX

- 783 **CHINA** *Voice of Strait*, Amoy APR 22 1500 - Chinese ID by a woman into lively modern Beijing-opera style dramatization. Very good, booming at times, parallel 4900 and 4940 kHz. New. [Wood-HI]
- 819 **NORTH KOREA** KCBS Pyongyang APR 30 1415 - Inspirational choir parallel 2850 kHz. Fair, New Zealand interference. [Wood-HI]
- 891 **AUSTRALIA** 5AN Adelaide APR 24 1437 - Live cricket commentary, talk of delivery of ball, stumps, boundary. ID as "ABC Radio." Good, new, Oz state #4. Note that a typographical error in the 2007 WRTH frequency list places 5AN on 882, not the correct 891. [Wood-HI]
- 963 **CHINA** (Inner Mongolia) *CRI Hohhot*, Neimenggu APR 22 1454 - Chinese language lesson taught in Russian, teaching words like "self-confidence." 1455 gave Internet address [www.cirussian.com](http://www.cirussian.com). Sign-off wording, "Peredacha iz Pekina okonchena. Do svidaniya." No times or frequencies announced. 1456 into usual Chinese fill music. Very good. [Wood-HI]
- 1233 **TURKMENISTAN** *Türkmen Radiosi*, Syrtagta APR 15 1440 - Man/woman alternating in Turkmen, mentions of Ashgabat, Türkmenbasy, Türkmenistan... 1443 choral music, 1452 woman in Turkmen, 1455 soft instrumental music, 1500 time signal (---), ID by man, "Türkmen Radiosi." Fair to quite good on 300-ft east/southeast longwire. New country. WRTH-listed SW parallel 5015 not heard. I have now heard all Central Asian republics except Uzbekistan (the traditional leader) and all Inner Asia; Afghanistan, Mongolia, and Chinese-ruled Xinjiang (Eastern Turkestan, to its government-in-exile in Istanbul) and Tibet. [Wood-HI]
- 1242 **VIETNAM** *Voice of Vietnam*, Thoi Long APR 22 1440 - Woman read news in Indonesian (sked 1430-1500); good, at times atop Japan. [Wood-HI]
- 1251 **RUSSIA** *Voice of Russia*, Ussuriysk APR 30 1359 - Chinese sign-off by man, Russian national anthem (same melody as old Soviet anthem) by military band. 1400 surprise! ID in Farsi by woman, "Inja Mosko," and opening music "The Great Gate of Kiev," then audio abruptly cut at 1401. Carrier remained on. Very good, the only Russian usually heard here. [Wood-HI]
- 1260 **JAPAN** JOIR *TBC Sendai* APR 22 1436 - Polite conversation, lots of "arigato gozaimasu."

- 1437 ID, "Tohoku Hosu." 1438 mentioned Osaka. Good, new. [Wood-HI]
- 1296 **AFGHANISTAN** *R.Ashna*, Kabul (34°35'N 69°12'E) APR 13 1455 - Indian music with sitar and tablas. 1500 ID in Dari, "Inja Seda Amrika, Radio Ashna, Akhbar," into news, alternating man/woman, musical stinger between some items. News of Baghdad bombing, numerous items on "Jamhuri Pakistan," Afghanistan, Bangladesh, Somalia. 1511 announced end of "akhbar" (news). Again full ID as "Seda Amrika, Radio Ashna, Washington." Booming signal, 100% intelligible. I had previously reported this as R.Free Afghanistan, this is correct ID. [Wood-HI]
- 1296 **PHILIPPINES** DXAB Davao City (07°03'N 125°35'E) APR 23 1407 - "I'm Dr. James Dobson with Focus on the Family," into brief meditation by Dobson (not full show). 1408 into complete formal sign-off in American-accented English, "DXAB is located at... in Davao City and is operated by the following broadcast personnel. Antonio Orillas, license number... Guerrero Espina, license number..." 1410 choral national anthem, 1411 off. Very good, clear, booming at times. [Wood-HI]
- 1314 **PHILIPPINES** DWXI Parañaque NCR (14°30'N 120°59'E) APR 23 1530 - Male/female telephone talk, many mentions of NCR and Manila. Good. [Wood-HI]
- 1323 **PHILIPPINES** DYSI *GMA Network*, Iloilo City APR 23 1413 - Lively Visayan news show with hundreds of Spanish words and some English words, mostly two men discussing crime, "Headline reports... information... suspect... polisi... lugar... distrito... bolsa (report on purse-snatching)... arrestado (they caught the snatcher)." Still going strong 1525 with talks on "42 años de libertad" and "politica Iloilo." Is on island of Panay in southwest Philippines. Very good, often booming, new. No sign of China, on my nice new Philippine/Malaysia antenna! [Wood-HI]
- 1350 **MONGOLIA** MR1 Ulaanbaatar (47°55'N 107°00'E) APR 5 1410 - Man/woman alternating news in Mongolian, mentions of Ulaanbaatar, Altay, Choibalsan, etc. Serious tone. ID by man, "Mongolün Radio." 1415 interview, conversational tone. 1500 Mongolian melody on musical box or similar (interval signal?) and off, open carrier stayed on 15 seconds then cut. Not parallel 4830 and 4895 which had lighter programming like soap operas but played national anthem 1457 and also off 1500. Good, some JOER at times. New country just a week after hearing 1440 Kazakhstan. Used longwire to south which is only 300-ft long but eliminates KSRO. [Wood-HI]
- 1359 **CHINA** CNR1 unknown location APR 5 1405 - News in Chinese with usual musical stinger between items, parallel 1377, both good. [Wood-HI]
- 1467 **KYRGYZSTAN** TWR Bishkek APR 13 1430 - Russian religious transcription. 1455 gave mailing address in Kazakhstan. ID, "Vy slushaete Transmirovoye Radio iz Monte-Karlo." Music box interval signal three times, momentarily off (probably changing antenna from north beam to Kazakhstan and Siberia which would favor Hawaii, to non-directional for Kyrgyzstan). 1446 into Kyrgyz religious program. Booming 1430-1445, weaker with Korea and Fiji interference after 1446. [Wood-HI]
- 1475 **MALAYSIA (EAST)** RTM/*Voice of Malaysia*, Kota Kinabalu APR 13 1440 - Tagalog talk by woman on Malaysia's development and exports, e.g. to Indonesia. Used many English words, e.g. export, development, services, but fewer Spanish words than most Filipino commercial AM stations. Good, clear, long-sought new country. [Wood-HI]
- 1476 **CHINA** CNR2 Shuangyashan, Heilongjiang APR 9 1425 - Chinese storytelling with sound effects. 1500 time signal, ID for CNR2. Good, new. [Wood-HI]
- 1494 **JAPAN** JOYR RSK Okayama APR 22 1400 - ID by man, "RSK JOYR," lively conversation, sound effects. Good, new. [Wood-HI]
- 1494 **MICRONESIA** V6AI Colonia, Yap APR 22 1405 - DJ show with woman in Yapese, typical Pacific island mix of Western oldies and hymns/inspirational. 1405 tenor sang, "Blessed memories, how they linger." 1418 "Danny Boy." Occasional mentions of "Waab" (Yap) and English words, e.g. "...our interest." Good, new. [Wood-HI]
- 1512 **AUSTRALIA** 2RN Newcastle NSW APR 16 1428 - Man discussing Aussie party politics, named senators. 1459 ending talk show, music theme. 1500 familiar ABC news fanfare (same as SW), woman: "ABC news, this is..." into items on Iraq. Parallel 1548 4QD. Very good, new. [Wood-HI]
- 1512 **PHILIPPINES** DYAB Cebu City APR 16 1430 - Man in Tagalog, talking sports, numerous IDs, "DYAB... DYAB..." 1432 Mozart's "Rondo alla Turca." Good over/under 2RN. [Wood-HI]
- 1530 **PHILIPPINES** DZME *Radyo Uno*, Quezon City (14°39'N 121°01'E) APR 23 1440 - Highly emotional, at times hoarse, hysterical and weeping preacher with soft instrumental background music much of the time. Numerous Spanish and some English words, e.g. "ang Savior, Ale-

luia... la libertad... Padre... alabanza." 1500 vocal hymn, ending sermon. 1502 female taking listener calls, "Programa... telephone... Aleluia," phone number in English. 1504 jingle, ads. 1506, "Teléfono lunes a sábado." Very good, at times booming, just occasional KFBK on my new 500-ft southeast Asia antenna which is perpendicular to U.S. mainland. New. [Wood-HI]

1548 **SRI LANKA** *Deutsche Welle*, Tricomalee (08°44'N 81°10'E) APR 6 1452 - Urdu talk about Sri Lanka, Bharat (India), and Pakistan. 1459 ID, "Deutsche Welle, Voice of Germany," into Hindi. Good. [Wood-HI]

1557 **TAIWAN** WYFR Kouhu (23°35'N 120°10'E) APR 8 1455 - English sermon on destruction of the world by fire (not time-dated for Easter), 1459 music out. 1500 clear ID, "You're listening to Family Radio WYFR, 1557 AM, Kouhu, Taiwan. Visit us at [www.familyradio.com](http://www.familyradio.com)." Continued in English. Good, new, but an unID mainland China (not CNR1, probably not CNR at all) about equal. Some DXers have said Kouhu 1557 is difficult to ID, but not so, this ID was clear. [Wood-HI]

### Contributors

Mike Beu KD5DSQ, Austin TX; Drake R8B, terminated Delta Loop (17 x 28-ft).

Mark Connelly WA1ION, Billerica MA; R8A, DXP-6, dual-feedline corner-fed terminated loop (15 m horizontal by 5 m vertical, base height 1.5 m, east-west axis).

Mark Connelly, Rockport MA; R8A, DXP-6, cardioid array on roof of car = vertical: 3.7 m whip (MFJ-1956) to 81:1 xfmr to DX Engineering RPA-1 amp + loop: broadband, in vertical plane, square, 2 m per side, to 1:1 xfmr to RPA-1 amp, peak east-west, null north-south.

Bruce Conti, Nashua NH; R8B, MWDX-5, 15 x 23-m terminated corner-fed broadband loops east and south.

Paul Gray N0JAA, Satellite Beach FL; Sangean ATS-818ACS, C.Crane Twin Coil Ferrite Antenna.

Richard Wood, HI; Keaau HI; IC-R75, 1800-ft Beverage east, 300-ft longwires northeast and south-southeast, longwire 500-ft to west-southwest center-fed and terminated with 560-ohms.

## *DXpedition to Easter Island*

*March 16 to 25, 2007*

*By John H. Bryant*

***Equipment: Eton E1-XM, 500-ft unterminated Beverage on Ground east-west and south-north***

Recently, aspects of my life aligned so that I was able to fulfill a lifelong dream and visit fabled Easter Island in the southeastern Pacific. Although my primary purpose was to visit the myriad of archeological sites, view the hundreds of giant stone heads and get to know the inhabitants of this "most isolated community in the world," I could not possibly visit such an exotic location without testing its potential as a location for very long-range MW DXing. Since the nearest concentrations of MW broadcasters were on the west coast of South America, 2300 miles to the east and in New Zealand, 4300 miles to the southwest, there was every likelihood that Easter Island might be a prime DX location.

Easter Island is a triangular volcanic island measuring about ten miles on a side. The 3300 inhabitants are concentrated in a single village, Hangaroa, on the southwest corner of the island, also the only location of an AC power grid. Since I knew that I would be 12 volt DXing from, at best, a rental car, and since I was quite concerned about luggage weight and security screening, my DXing equipment choices were both critical and limited. After a good deal of thought, I chose the marvelous Eton E1-XM as my primary receiver and the small Kaito KA1103 as back-up; the Eton E1-XM had recently supplanted my long cherished Sony 2010 as my favorite DXing portable. I was not disappointed in either receiver! In my many years of seaside DXing, I've never found an antenna that performed as well as a Beverage, so I selected two 500-foot wires as my antennas; weight and bulk concerns led me to adopt the Beverage-On-the-Ground (BOG) configuration and a very light 28-gage, Teflon-coated wire. I was concerned about the BOG configuration and using such tiny wire; again, I was not disappointed. My favorite full-size headphones, a magnificent new Edirol R-09 digital audio recorder and my trusty WRTH rounded-out the DX package.

The distances involved in Pacific-based DXing are enormous. With the 2,400 mile width of the USA in mind, the distances from Easter Island to anywhere are simply staggering: it is 2300 miles to Chile, 4300 miles to New Zealand and 5300 miles to the nearest edge of Australia; most of the USA, including the Hawaiian Islands lays at about the distance of eastern Australia, 5300 miles. Beyond those "close-in" locations, distances get truly planetary: Western Europe and Japan are about 8500 miles away, while coastal China lays out at 9500; to go beyond that at MW frequencies is simply unthinkable. As I planned the DXpedition, I anticipated hearing quite a few coastal South American stations from my Easter Island QTH; I also expected to hear a decent number of New Zealand broadcasters, mixing with a few of the stronger Australians. I also eagerly anticipated hearing a number of stations

from the island nations of the Pacific. Since friend and well-known South American DXer Rocco Co-troneo had recently heard several of the largest Japanese MW stations from the Chilean coast, I, too, hoped to hear the biggest of the NHK stations, from twice as far away as from my favorite haunts at Grayland, WA, USA.

I planned my two-week stay on the Island to include four all-night DX sessions on the local Friday and Saturday nights, with one three-hour, early evening introductory session ahead of the first weekend and two similar sunset DX sessions during the intervening week. That schedule proved very workable and was followed closely. My DX shack turned out to be a small Japanese SUV, ruggedized and adapted to the rut and rock-strewn gullies that are laughably called “main roads” outside of Hanga-roa village. My location on the island, except for the first familiarization session was near the Te Peu archeological site on the upper portion of the northwest shore. This was as far north of Hanga-roa, about 6 miles, as the “road” ran; since none of the more popular archeological sites were nearby and the road was so poor, the site was about as isolated, both electrically and physically, as possible. The spot that I chose was on a plateau atop a 200 foot northwest-facing cliff, looking out across the broad Pacific into quite magnificent sunsets. I ran one antenna due west, unterminated, directly to the cliff, 480 feet away. That antenna was used, directly, for all Pacific DX and “over the shoulder” for South America. The second BOG ran due north, pointing at Central and North America.

The DX during my first familiarization evening session was about what I expected: I started at 0039 UTC, almost an hour before local sunset and I found the MW dial covered with either carriers or audio from South America. The only surprise that evening was from how far north many of the signals were coming: my first logged station was *Radio Programas del Peru*-730 kHz, Lima that as just booming in. That logging was closely followed by *Radio San Francisco*-850 kHz. Guayaquil, Ecuador, practically off the side of my E-W beverage and booming in, as well. The rest of that evening followed suit. By sunset, there was what seemed to be South American audio on almost every channel from 540 to 1700 kHz. I logged a number of Argentine stations, especially above 1600 kHz, and what seemed to be every station on the air in either Lima or Guayaquil.

Since there was already DX on the band when I turned on an hour before sunset, I decided to begin all other sessions at 0000 UTC, fully 90 minutes before sundown. So, I had antennas out and my set-up primed to go at 0000UTC on Saturday, March 17. When I flipped the switch, I began the most surprising and thrilling DX session of my 53-year DX career. Fourteen non-stop hours later, I realized that I’d found the mother of all DX locations. In one night, I logged all continents, 22 countries and 122 stations... all but a few were IDed by station ID or by parallels. I managed to log 15 IDed Kiwi and Aussie stations in 45 minutes. I wasn’t trying for a speed record, but since I’m not going to report for QSLs, all I had to do was positively ID them. The conditions were absolutely fabulous: in that one night, I logged from Egypt clear around to India (Yes!). I logged 70 stations from Australia and New Zealand combined. The best receptions of that first full night were hearing my only Brazilian, *Radio Tupi*, 1280 kHz, in Rio, my first from Europe/Mid.East/N.Africa, Algeria’s *ENRS1*-531 kHz, and hearing 1566, *AIR Nagpur* for 20 minutes, including a full English ID and the 5 minute English news that followed. I had no idea that the whole world

would be open to me on medium wave, from isolated Easter Island! The remaining three all-night DX sessions followed very much the same pattern: Carriers from Europe, North Africa and the Middle East would appear about 90 minutes before local sunset, on the 9-kilohertz spacing. There would also be a few “early bird” South American carriers or low audio about the same time. At 60 minutes before sunset, European, et al., signals audio would appear. Most of those signals would be only moderate level, but some of the Spanish and some of the Middle Eastern signals were startling in their strength. The really long-haul signals were pretty much done by the time the sun



**John Bryant, his DX hat, a powerful Eton E1-XM portable, and omnipresent, mysterious stone heads: an unbeatable combination for DX'ing from the world's most remote piece of land, Easter Island.**

touched the horizon at 0130, but by then South Americans crowded the dial. By 0230, full dark, signals from eastern North America began to shoulder aside many of the South Americans. In the next two hours, the spotlight seemed to travel rather swiftly westward across the United States, with Cleveland and Charlotte being followed by Chicago and St. Louis and then by Denver, Salt Lake City and Albuquerque. By 0500, the spotlight had swung to the US west coast, with the large majority of the stations being heard from central and southern parts of the state. Indeed, there was at least some California presence until dawn on Easter Island. For reasons that I don't begin to understand, the strongest (like a local!) station from California was **1530** KFBK Sacramento which far out shown the more southerly stations, high band or low. By 0730 UTC, the New Zealand stations would begin to appear on the 9 kHz channels, with the Aussies joining the mix by 0900 hours. Although a few Japanese appeared as early as 0830, they were most logged during the pre-local dawn 1200-1300 time span.

One of the biggest surprises of the DXpedition was the absolute dominance of Chinese stations during the 30 minutes before and after the 1330 local sunrise on Easter Island. Chinese stations, LOTS of Chinese stations, travelled more than 9500 miles to populate the band during dawn enhancement! Things got so busy on the best Chinese dawn, March 24, that I was forced to choose between noting the presence of all of the Chinese signals on the band or taking the time to identify just a few and ignore the rest. Since the presence of so many extraordinarily long distance signals seemed more important than the exact identity of a few, for the first time in my life, I just IDed the language positively, noted "unID CC station" and moved on. The loggings that follow reflect that unusual approach.

Each of the all-night sessions closed out with one extra-ordinary signal lasting long after the other signals faded out... and long after dawn. The first of these began with me innocently listening to **1566** HLAZ, the super-power Christian broadcaster from South Korea. It often lasts long after dawn at our Grayland site and it was doing quite well 40 minutes after dawn on March 17th. Soon, I noticed something beneath HLAZ; as this second signal built, it certainly sounded like Hindi and I remembered that *AIR Nagpur* on 1566 had been heard by Patrick Martin on the Oregon Coast and was one of our "Holy Grail" targets at Grayland. As you already know, that signal did prove to be *AIR Nagpur*, over 11,700 miles away.

The magical pre-sunset hour the following evening was highlighted by the first of several receptions of the U.S.-operated *Radio Farda-1575* broadcasting to Iran from the United Arab Emirates, a distance of 11,400 miles. The reception was made even more memorable by the content of the pop music program: a Michael Jackson tune followed by some rap music in Farsi. That must drive the Iranian authorities crazy; it sure does it for me! That second all-nighter was closed out with another extra-ordinary reception. Well after dawn (and time to try again for Nagpur on 1566) on my way up the dial, I noticed an unusual signal on **1413**: it sounded (and was) Hindi and I was fascinated. Checking in the East Asia-Pacific section of WRTH, I could find no major station on 1413 that ought to be transmitting Hindi at that hour. The Hindi talk programming contained a few English words mixed in the conversation, not unusual in itself, and then there was one full interview in very British English. Wow! I kept listening, hoping for a station identification... and then I heard a website given out: it was something like "hindi.bbc.uk." A light bulb lit; 1413 is the MW frequency for the huge *BBC Oman Relay Station*! Sure enough, their schedule shows an hour of Hindi, beamed eastward to India (and directly at Easter Island) at the proper hour. Further listening on subsequent mornings proved beyond a doubt that I was hearing the *Oman Relay Station*, and well, from over 13,350 miles away. If you combine the reception of *Radio Farda* before sunset (11,400 miles) with the *Oman* reception of 13,350 miles, I was able to more than circle the globe in a single DX session, on medium wave. I never imagined that it would be possible and I feel extraordinarily privileged to have witnessed such.

I would especially like to express my appreciation to numerous senior members of the MW DX community who helped me in the planning of this DXpedition and in identifying many of the stations listed below. With their help, so freely given, this experience would have been ever so much less enjoyable and productive. The final all-session count was 236 stations received in 40 countries, on all continents. However, as wonderful as the DX was, the scenery, the monuments, the archaeological sites almost without number and the extraordinarily friendly inhabitants of Easter Island were even more memorable. My visit to Easter Island was truly the most fun that I've ever had with my clothes on!

#### EUROPE, MIDDLE EAST & NORTH AFRICA

- 531 **ALGERIA** *ENRS1* Ain El-Beida Mar 17 0100 - Noted here several evenings before LSS.
- 567 **IRELAND** *RTÉ 1* Tulamore Mar 18 0157 - Poor level, English pop and lounge songs, female news reader after TOH fanfare. At least some of the words in English. Tentative this was *RTÉ 1* Tulamore, Eire.
- 585 **SPAIN** *RNE1* Madrid Mar 17 0105 - Heard each evening. 'Radio Nacional de España' parallel 684.
- 612 **BOSNIA-HERZGOVINA** *B-H Radio 1*, Sarajevo Mar 17 0103 - Tentative this at good level

in a mid-European language.

- 621 **SPAIN** *RNE1* synchros Mar 22 0205 - Fair level. Parallel 684.  
 684 **SPAIN** *RNE1* Sevilla Mar 17 0101 - Heard nightly. Strongest Spanish station.  
 711 **SPAIN** *COPE* Murcia Mar 18 0103 - Presume this here with news and commentary in Spanish.  
 711 **WESTERN SAHARA** *RTM* Laayoune Mar 21 2231 - Traditional Arabic music and talk. Fair/good.  
 738 **SPAIN** *RNE1* Barcelona Mar 18 0104 - Fair level parallel 585 and 684.  
 747 **SPAIN** *RNE5* synchros, Cadiz & Canaries Mar 17 0114 - Good level Spanish, presume this.  
 747 **NETHERLANDS** *Radio 5*, Flevoland Mar 18 0125 - Noted here with Bob Dylan/Woodie Guthrie 'This Land' and into another '60s hit. Fair to poor. Announcer's language IDed by others as Dutch.  
 774 **EGYPT** *ERTU* Abis Mar 17 0120 - General Arabic program. Also on Mar 24.  
 783 **PORTUGAL** *R.Nacional*, *Avanca* Mar 21 0038 - Seems a radio drama in Portuguese. Good level.  
 783 **SYRIA** *ORTAS 1*, Tartus Mar 18 0125 - Traditional Arabic music and singing by Um Kalthoum, very famous Egyptian songstress. *BSKSA* is off and this programming very unlikely to come from Mauritania. *EMWG* shows Syria now as 24 hour.  
 855 **SPAIN** *RNE1* synchros, Murcia, et al. Mar 17 0109 - Noted here, fair. Parallel 684.  
 864 **EGYPT** *ERTU Koran Prg*, Santah Mar 17 0124 - Presume this with Koranic chanting.  
 945 **FRANCE** *France Info*, Toulouse Mar 18 0212 - Noted here at fair level with French lounge singing.  
 1413 **OMAN** *BBC Relay*, A'Seela Mar 24 1407 - Mistaken at first for an Aussie station. Was a long discussion of Indian cricket, World Cup, Team India, etc. After 1430, mentions of *bbc.hindi.com*, etc. *AIR* Nagpur-1566 was not in. Distance over the Pacific and Indian oceans 13,356 miles or 21,490 km. Good level for most of the reception. May have left air or shifted pattern at 1458. Sunrise was at 1325. Last audio heard at 1456 UTC.  
 1512 **SAUDI ARABIA** *BSKSA* Jeddah Mar 22 0045 - Heard most evenings. Fair only.  
 1521 **SAUDI ARABIA** *BSKSA* Duba Mar 21 0055 - Heard each evening fair to good.  
 1575 **UNITED ARAB EMIRATES** *R.Farda*, Al-Dhabbiya Mar 21 0130 - Noted each evening of the DXpedition. Often running Farsi pops music. The most bizarre 'hits' were a Michael Jackson number and Farsi rap! Never above a fair level.

## EAST & SOUTH ASIA

### China

- 549 *CNR5* Fujian Mar 17 1347 - Heard most mornings, dominating the Aussies late.  
 666 *Voice of Strait* Mar 24 1120 - Presumed this due to strength and prop.  
 684 *CNR6* Putian, FJ Mar 17 1352 - Noted each morning parallel 909. Excellent, post-dawn.  
 765 *CNR5* Fujian Mar 17 1306 - Heard every morning, excellent at dawn parallel 549.  
 783 *Voice of Strait*, Fujian Mar 18 1202 - Presume this one heard each morning.  
 873 *Voice of Strait*, Fuzhou Mar 24 1125 - Presume this parallel 666. Noted several mornings.  
 909 *CNR6* Quanzhou Mar 17 1313 - Heard each dawn parallel weaker 927 *CNR6* Fujian.  
 927 *CNR6* Fujian Mar 17 1313 - Parallel 909 *CNR6* Quanzhou.  
 936 unID CC Mar 24 1325 - Probably Anhui Music noted here in passing.  
 963 *CRI Russian Service* Mar 24 1135 - ID 'Govorit Pekin.'  
 981 *CNR1* synchros Mar 18 1350 - Fair level with echos.  
 990 *CNR* (N) Shanghai (pres.) Mar 18 1328 - Chinese with some English ads and scattered English words.  
 999 unID CC, probably Liaoning Economic Mar 24 1335 - Noted in passing.  
 1035 *CNR1* synchros Mar 24 1330 - Fair to good level.  
 1044 *CNR FS Korean*, Yanji Mar 17 1327 - Heard every morning at good level.  
 1044 *CNR Japanese Service*, Changzhou Mar 24 1332 - Pumping a lot of wattage right at Easter Island.  
 1062 Zuijiang JGD, Guangzhou Mar 24 1334 - Presume this here in Cantonese.  
 1071 unID CC Mar 24 1336 - Most likely Tianjin JGD.  
 1089 *CNR6* Fujian Mar 17 1318 - Female singer parallel 909. Fair level. Heard each morning.  
 1116 *CNR5* Shaowu Mar 25 1314 - Presume this one, with QRM from 4BC. Noted in passing.  
 1125 Hebei E., Shijiazhuang Mar 24 1337 - Highly likely this the one with huge signal.  
 1134 unID CC probably *CNR1* Mar 24 1215 - Noted in passing at good level.  
 1170 unID CCs, two mixing Mar 24 1342 - Two mixing at fair to good level. All low power.

- 1179 unID CCs, two mixing Mar 24 1345 Most likely mainlanders, but Taiwan here, too.  
 1206 *CNR Korean Service* Mar 18 1232 - Excellent level!  
 1278 unID CC Mar 24 1240 - Noted in passing, most likely Hebei (N).  
 1305 unID CC Mar 24 1245 - Noted in passing. Probably *CNR2*.  
 1323 unID CC Mar 24 1247 - Noted in passing.  
 1332 unID CC probably Fuzhou RGD Mar 24 1250 - Noted here in passing.  
 1377 *CNR1 Zengzhou* Mar 17 1333 - Heard every morning.  
 1377 unID CC Mar 24 1952 - Very likely *Voice of Strait*, from Fujian Province. *CNR1* noted beneath.  
 1386 unID CC probably *CNR1* Mar 24 1350 - Standard Chinese noted in passing.  
 1395 unID CC probably Anhui 'Life' Mar 24 1358 - Standard Chinese noted in passing.  
 1404 unID CC probably Fujia EBS Mar 17 1335 - Also heard on Mar 24.  
 1422 unID CC probably Shanghai JGD Mar 24 1304 - Shanghai most likely of those listed.  
 1485 unID CC Mar 24 1250 - unID Chinese noted in passing.  
 1593 *CNR1 Changzhou* Mar 17 1228 - Heard each morning, sometimes well.  
 1593 *CRI Japanese Service, Heilongjiang* Mar 17 1345 - Excellent level. Heard also Mar 24.  
 1602 unID CC Mar 17 1346 - Only Chinese listed on 1602 is Jiangsu 1. Most likely this, since that is a coastal province.

### Japan

- 594 JOAK Tokyo Mar 18 1017 - Heard throughout DXpedition.  
 693 JOAB Tokyo Mar 17 1058 - Heard also Mar 18, at fair level both times.  
 747 JOIB Sapporo Mar 24 0816 - *NHK2* programming. Fair parallel 774.  
 774 JOUB Akita Mar 24 0816 - *NHK2* programming at fair level parallel 747.  
 828 JOBB Osaka Mar 18 1207 - Noted parallel 774 at good level.  
 873 JOGB Kumamoto Mar 18 1210 - Heard parallel 828.  
 891 JOHK Sendai Mar 18 1212 - Noted at fair level parallel 594.  
 954 JOKR Tokyo Mar 18 1218 - Fair only.  
 1017 JOLB Fukuoka Mar 18 1220 - Good parallel 828.  
 1134 JOQR Tokyo Mar 18 1228 - Japanese literary discussion. Fair only.  
 1242 JOLF Tokyo Mar 18 1235 - Heard poorly by language only in furball.  
 1260 JOIR Sendai Mar 24 1347 - Bubble gum programming. Probably *All Night Nippon*.  
 1287 JOHR Sapporo Mar 24 1242 - Noted with two young ladies chattering away.  
 1314 JOUF Osaka Mar 25 1340 - Bubble gum music/infotainment. Presume *ANN* program.  
 1413 JOIF Fukuoka Mar 24 1401 - Pop music and Japanese talk at fair level.  
 1422 JORF Yokohama Mar 17 0919 - Fair to good with phone-in show. Heard also on Mar 18.  
 1440 JOWF Sapporo Mar 24 1357 - Noted here with commercial string and net ID. Good level.  
 1602 *NHK2* synchros Mar 24 1257 - Noted in passing at fair strength.

### Other East & South Asian Stations

- 657 **NORTH KOREA** *Pyongyang BS, Kangnam* Mar 24 1403 - News in Korean, dominating 2YC.  
 972 **SOUTH KOREA** HLCA Dangjin Mar 18 1115 - Heard also on Mar 25 at fair level.  
 1170 **SOUTH KOREA** HLSR RK *Japanese Service, Gimje* Mar 18 1231 - *R.Korea FS* in Japanese; good.  
 1143 unID CC, probably BEL3 Taiwan Mar 24 1341 - Almost certainly, this was the 100 kW Taiwanese here. Heard only in passing.  
 1170 **PHILIPPINES** IBB/VOA Relay, Poro Mar 25 1335 - Presume this the one at excellent level. No ID, but rap music and general formatting of the music program leads to VOA in Chinese, presumed.  
 1458 **PHILIPPINES** DWRF, FEBC, Iba Mar 17 1541 - Christian talk in part Spanish, part probable Tagalog. Presume this.  
 1494 **PHILIPPINES** DYAB Cebu City Mar 17 1340 - Noted at excellent level with phone-in program. Typical mixture of English and Tagalog.  
 1566 **SOUTH KOREA** HLAZ Cheju Island Mar 17 1340 - Noted here at fabulous level at dawn, with Japanese programming. 'Nihon FEBC desu!' Heard every morning.  
 1566 **INDIA** AIR Nagpur Mar 18 1411 - First noted in Hindi talk by woman, mixing with 3NE and HLAZ. Dominant by 1420, ID in English at 1430, 5 minutes of English news at 1430. Very good at times.  
 1575 **THAILAND** VOA Thailand Mar 17 1142 - Noted each morning, sometimes at excellent level.

**PACIFIC  
Australia**

- 531 4KZ Innisfail Mar 17 1146 - '60s rock. 'This is 4KZ Innisfail.' Fair level in mix.  
 540 4QL Longreach Mar 18 1140 - In furball with *R.Rhema*. Fair only.  
 549 2CR Orange Mar 17 1235 - Parallel 738 2NR Grafton. C&W. Heard most mornings.  
 576 2RN Sydney Mar 17 0847 - Heard most mornings.  
 585 7RN Hobart Mar 24 1107 - Briefly at good level with *ABC* news and sports.  
 594 3WV Horsham Mar 17 1245 - Heard each morning. Excellent at dawn. Parallel 549 and 738.  
 612 4QR Brisbane Mar 17 0804 - Saturday Night Footie, parallel everyone else. Excellent level. Heard most mornings.  
 630 4QN Townsville Mar 24 1112 - Presume this one, parallel 612 sports coverage.  
 648 2NU Tamworth Mar 17 1054 - Footie wrap-up, parallel 1548.  
 657 2BY Byrock Mar 24 0810 - Pop music show parallel 648 at fair level.  
 684 2KP Kempsey Mar 17 1057 - Footie wrap-up parallel 1548. Heard most mornings.  
 702 2BL Sydney Mar 17 0907 - Heard every morning.  
 729 5RN Adelaide Mar 17 1254 - Initially, I was certain that this was *AIR* Guwahati in East Bengal. The programming was sub-continental flute music. Further, the programming continued right through the TOH with no break, time pips, etc. Since India is one of the few spots on the planet that has local time synched to the UTC half-hour, I 'knew it had to be' *AIR* Guwahati, which was just at transmitter sunset. What I forgot about was that South Australia is one of the other 'on the half-hour' spots on the planet. Sure enough, 5RN was running a world music show, featuring sub-continental music! Heard also on March 18.  
 738 2NR Grafton Mar 17 1058 - Footie wrap-up parallel 1548. Heard also Mar 18.  
 747 4QS Toowoomba Mar 17 1059 - Footie wrap-up. Heard most mornings.  
 774 3LO Melbourne Mar 18 1050 - Heard most mornings. Excellent.  
 792 4RN Brisbane Mar 18 1053 - Mixing with NZ's 4ZA. Heard also on Mar 25.  
 828 3GI Sale Mar 17 1102 - *ABC* News, parallel 1548. Heard also Mar 24.  
 837 4RK Rockhampton Mar 17 0830 - Heard most mornings at good level.  
 846 2RN Canberra Mar 17 1104 - Heard well most mornings.  
 864 4GR Toowoomba Mar 18 1057 - Heard mixing with *NewsTalk ZB* Invercargil.  
 873 2GB Sydney Mar 17 1306 - News at good level, despite QRM from two others.  
 891 4TAB Townsville Mar 17 1202 - Heard several mornings.  
 927 4CC Grafton Mar 25 0830 - 'Grafton, 4-double-C' ID. Good level.  
 1116 4BC Brisbane Mar 17 1120 - 'The Nation's #1 NewsTalk, 4BC.' Fair at best. Heard poorly Mar 25. Given the prominence of this signal in NW of USA and its poor showing here, would suspect that it is directional to the north, whether intended or not.  
 1224 2RPH Sydney Mar 18 1440 - Discussion of Aussie forces in Iraq.  
 1233 2NC Newcastle Mar 17 1212 - Parallel 702 at good level. Heard also on Mar 18.  
 1287 2TM Tamworth (pres.) Mar 17 1125 - Only Aussie on 1287. Also noted Mar 18.  
 1431 2RN Wollongon Mar 18 1405 - Program on National Ballet of Australia. Fair.  
 1512 2RN Newcastle Mar 18 1405 - 'Radio National.' Heard also on Mar 25.  
 1548 4QD Emerald Mar 17 0758 - Saturday Night Footie parallel 612, 837, etc. Excellent. Heard each morning of the DXpedition.  
 1566 3NE Wangaratta Mar 18 1410 - Heard with usual pops program, mixing with *AIR* Nagpur and HLAZ, FEBC.

**New Zealand**

- 531 *More FM*, Alexandra Mar 25 1340 - 'More Music, More... , More Choice.'  
 567 *National Radio*, Wellington Mar 17 0753 - Huge signal each night.  
 594 *R.Rhema* synchros, Timaru & Wanagnui Mar 17 0850 - Heard most mornings.  
 612 *R.Rhema*, Christchurch Mar 18 1022 - Noted parallel 594, mixing with Aussie.  
 621 *R.Rhema* synchros, Dunedin & Whangarei Mar 17 1349 - Noted here with alcoholism-awareness program.  
 648 *R.Rhema*, Gisbourne Mar 17 0855 - Heard most mornings.  
 657 *Southern Star*, Wellington Mar 18 1030 - Heard also Mar 24. Excellent.  
 675 *National Radio*, Christchurch Mar 18 1035 - Fair, with political discussions.  
 693 *R.Sport*, Dunedin Mar 18 1038 - Sports discussion, NZ websites.  
 711 2XP *R.Trackside* / *R.Pacific*, Wellington Mar 18 1325 - Fair in furball.  
 720 *National Radio*, Invercargill Mar 18 1325 - Good at times. Furball.  
 738 *R.Live*, Christchurch Mar 18 1330 - NZ ads and TC. Talk format. Fair.  
 783 *Samoan Capitol Radio*, Wellington Mar 17 0720 - This or *Access Radio* noted every night of the

DXpedition, sometimes at excellent level.

- 792 *R.Sport*, Hamilton Mar 18 1053 - Heard mixing with 4RN Brisbane.  
 810 *National Radio*, Dunedin Mar 18 1340 - Parallel 819 Maori singing and discussion.  
 819 *National Radio*, Tauranga Mar 18 1340 - Parallel 819 Maori singing and discussion.  
 837 *National Radio* synchros Mar 24 0822 - Classical music parallel 918, mixing with 4RK.  
 864 *4ZA NewsTalk ZB*, Invercargill Mar 18 1057 - Heard mixing with 4GR in Oz. Only two DUs on frequency.  
 882 *Southern Star*, Auckland Mar 18 1348 - Quiet music parallel 900 SS Dunedin.  
 900 *4YC Southern Star*, Dunedin Mar 17 1307 - 'Southern Star' by male announcer.  
 918 *National Radio* synchros Mar 17 0820 - Heard most mornings parallel 567.  
 945 *NewsTalk ZB*, Gisbourne Mar 17 0721 - Heard each morning, sometimes quite well.  
 972 *R.Rhema*, Wellington Mar 18 1106 - Presume this with Christian talk by male. HLCA beginning to dominate.  
 1026 *NewsTalk ZB* synchros Mar 18 1222 - Parallel 1035 Wellington at fair level.  
 1035 *NewsTalk ZB*, Wellington Mar 17 0735 - Parallel 945. Heard also on Mar 25.  
 1044 *NewsTalk ZB*, Dunedin Mar 17 0738 - Parallel 945. Heard also on Mar 25.  
 1080 *NewsTalk ZB*, Auckland Mar 17 1331 - Heard after fade-out of the stations in the Americas. Good.  
 1125 *R.Sport*, Napier-Hastings Mar 17 0740 - Heard several mornings.  
 1152 *NewsTalk ZB*, Timaru Mar 17 0742 - Parallel 945, 1035, etc.  
 1215 *NewsTalk ZB*, Kaihoke Mar 18 1120 - Parallel 1035, etc.  
 1278 *NewsTalk ZB*, Napier-Hastings Mar 17 0740 - Parallel 945, 1035, etc.  
 1296 *NewsTalk ZB*, Hamilton Mar 17 0750 - Parallel 945, 1035, etc. Heard several mornings.  
 1314 *National Radio*, Gisbourne Mar 17 0753 - Parallel 567 at good level.  
 1386 *R.Tarana*, Auckland (pres.) Mar 17 1135 - Usual Hindi programming. Good.  
 1485 *R.Trackside*, Gisbourne (pres.) Mar 17 1136 - Call of horse race at good level.  
 1494 *Southern Star*, Hamilton Mar 17 0755 - Easy listening Christian music.

#### Other Pacific Stations

- 558 **FIJI** *R.Fiji 1*, Suva Mar 17 0757 - Island music until TOH, then presumed ID in Fijian into news. Excellent level. Heard several mornings.  
 720 **HAWAII** *KUAI Ele'ele* Mar 18 1156 - Heard well for only Hawaiian of DXpedition.  
 738 **TAHITI** *RFO/R.Tahiti*, Mahina Mar 17 0715 - Noted with only fair signal with Polynesian pops.  
 1017 **TONGA** *A3Z R.Tonga* Mar 17 0731 - Poor level with definite Polynesian talk.

#### NORTH AMERICA (USA)

- 570 *WTBN* Pinellas Park FL Mar 25 0200 - Heard double ID for *WTBN* 570 and *WTWD* 910 Plant City, and the *R.Reloj* Cuba Morse code 'RR'.  
 570 *KLAC* Los Angeles CA Mar 22 0240 - Multiple ads and station promos.  
 640 *KFI* Los Angeles Mar 17 1157 - 'Southern California's KFI.' Heard also Mar 25.  
 660 *WFAN* New York NY Mar 25 0248 - Mentions of 'WFAN.com' and local commercial string.  
 670 *WSCR* Chicago Mar 24 0140 - Chicago Blackhawks hockey at good level.  
 680 *WPTF* Raliegh NC Mar 24 1429 - Neil Boortz Show. 'WPTF Raliegh.'  
 700 *KALL* N.Salt Lake City UT Mar 24 1205 - 'Sports 700, The Dome.'  
 720 *WGN* Chicago Mar 17 0445 - Local news and weather. 'News/Talk 720, WGN.'  
 740 *KTRH* Houston TX Mar 18 0230 - 'News Radio 740, KTRH.' Heard most early evenings.  
 740 *KCBS* San Francisco CA Mar 17 0925 - 'All News, KCBS.' Heard most mornings.  
 770 *KKOB* Albuquerque NM Mar 17 1020 - 'The Talk Monster, KKOB, Albuquerque!'  
 780 *WBBM* Chicago IL Mar 24 0154 - 'WBBM news time is 8:54.'  
 810 *KGO* San Francisco CA Mar 17 0930 - Heard every morning.  
 830 *WCCO* Minneapolis MN Mar 25 0252 - Poor but positive, with forest promo, etc.  
 850 *KOA* Denver CO Mar 17 0256 - Usual talk format. Heard nightly and well.  
 880 *KRVN* Lexington NE Mar 17 0259 - Heard most evenings. Good level.  
 1000 *KOMO* Seattle WA Mar 17 0911 - 'KOMO 1000 News.' Heard most mornings.  
 1020 *KCKN* Roswell NM Mar 17 1205 - 'Kickin' Country, KCKN.' Heard also Mar 22, 25.  
 1040 *WHO* Des Moines IA Mar 18 0320 - 'News Radio 1040, WHO.' Heard every morning.  
 1070 *KNX* Los Angeles CA Mar 17 0916 - 'KNX Traffic and Weather.' Heard most mornings.  
 1100 *WTAM* Cleveland OH Mar 25 0150 - Mention of 'wtam.com,' and Cleveland. Good.  
 1110 *WBT* Charlotte NC Mar 24 0202 - 'WBT News' after TOH. Good briefly.  
 1140 *KHTK* Sacramento CA Mar 17 0535 - 'Sports Radio 1140, KHTK.'

- 1120 KMOX St. Louis MO Mar 18 0327 - 'NewsTalk 1120, KMOX.' Excellent level.  
 1130 WBBR New York Mar 24 0205 - Manhattan traffic reports and weather.  
 1160 KSL Salt Lake City UT Mar 18 0328 - 'KSL Radio' heard throughout the DXpedition.  
 1180 *R.Martí*, Marathon FL Mar 18 0331 - 'Radio Martí, Miami.' Heard often.  
 1200 WOAI San Antonio TX Mar 17 0458 - 'News Radio WOAI' talk show format, good level.  
 1520 KVTA Oxnard CA Mar 24 0856 - Coast-to-Coast program, then station ID. Good.  
 1530 KFBK Sacramento CA Mar 17 0700 - 'NewsTalk 1530, KFBK.' Heard every night at truly local levels.  
 1540 KMPC Los Angeles CA Mar 17 0705 - Also noted at good level on Mar 24.  
 1560 KNZR Bakersfield CA Mar 24 0900 - Local commercials 'only on 1560, KNZR.'  
 1590 KKZZ Santa Barbara CA Mar 24 0905 - '1590, The Connection, KKZZ, Santa Barbara.'  
 1650 WCNZ Cedar Falls IA Mar 25 0210 - Presume this with a local Waterloo hockey game.  
 1700 KVNS Brownsville TX Mar 17 0450 - Heard well with EZL Spanish pops show an many ads in English for businesses throughout the Valley. Heard very well each evening.

### CENTRAL AMERICA

- 530 **TURKS & CAICOS** *R.Visión Cristiana Int'l*, South Caicos Mar 22 0057 - Full ID for all three stations in English. Heard well most evenings.  
 555 **ST. KITTS & NEVIS** ZIZ St. Kitts Mar 18 0130 - Het here and threshold audio heard nightly, just at sunset. Presume this.  
 570 **CUBA** CMDC *R.Reloj*, Santa Clara Mar 25 0200 - Heard the code 'RR' clearly on the WTBN station ID and once or twice previously.  
 690 **MEXICO** XETRA Tijuana Mar 17 0232 - This Mexican station dominated 690 early each evening, and often through the night. At least part of the time, it was IDing as part of the *Cadena W* network of XEW Mexico City.  
 800 **NETHERLANDS ANTILLES** TWR Bonaire Mar 17 0240 - Heard well throughout the DXpedition, usually in Spanish with numerous Spanish IDs.  
 895 **ST. KITTS & NEVIS** *Voice of Nevis*, Nevis Mar 17 0130 - Presume this heard every evening just after sundown with either a het or threshold audio.  
 1090 **MEXICO** XEPRS Rosarito Mar 17 0430 - 'Double-X Sports Radio.' Dominant on this channel.  
 1220 **MEXICO** XEB Mexico City Mar 17 0626 - 'La Grande B.' Good level. Heard also on Mar 18.  
 1410 **MEXICO** XECF Los Mochis Mar 24 0850 - 'La Mexicana... Tropicaliente... más grande catorce-diez de AM.' Briefly quite good. May have actually been on 1413 kHz.  
 1570 **MEXICO** XERF *La Poderosa*, Villa Acuña Mar 17 0445 - This powerhouse heard each evening with great signal and usual music shows.  
 1620 **U.S. VIRGIN ISLANDS** WDHP St. Croix Mar 25 0205 - Noted here at good level with rebroadcast of NOAA sea-state and weather predictions.

### SOUTH AMERICA

#### Argentina

- 590 LS4 *R.Continental*, Capitol Federal Mar 17 0308 - Multiple IDs at good level following world and national news. Heard also Mar 21 & 22.  
 594 LS4 *R.Continental*, Capitol Federal Mar 24 0800 - Assume that this was the main transmitter, off frequency. Very strong, full Cadena ID, spot on 594.00.  
 700 LV3 *R.Cordoba*, Cordoba Mar 16 0156 - Excellent level, multiple very fast mentions of Cordoba and Argentina, but only one clear 'Radio Cordoba' ID.  
 870 LRA1 *R.Nacional*, Capitol Federal Mar 17 0610 - Discussion of why Latin American radio should not feature North American and British pop music, mentions of *R.Nacional*.  
 1610 *R.Guaviyu*, Greg. de Laferrere (B.A.) Mar 17 0400 - Lots of commercials, multiple mentions of B.A., multiple IDs. Fair to good level.  
 1650.1 *R.Renancer*, Quilmes Oeste Mar 16 0125 - Presume this one, as only listing, at fair to good level with classical instrumental orchestra music. Great to hear such on AM.  
 1660 *Hosana AM*, Ezeiza Mar 16 0130 - Seemingly Christian pops, sometimes at good level. Only listing on this frequency. Presumed only.  
 1663.1 *R.Bethel*, Banfield (pres.) Mar 22 0153 - Has Bethel drifted this low?  
 1667.76 *R.Bethel*, Banfield Mar 16 0138 - Presume this one as is only 1670 listing and is reported to be drifting below assigned frequency. Pop music show with female host.

#### Brazil

- 1280 *R.Tupi*, Rio de Janeiro Mar 17 0023 - Multiple IDs as 'Too-Pee' and 'Radio Too-Pee' in Portu-

guese. Excellent level, 60 minutes before LSS. Also heard Mar 22.

### Chile

- 1380 CB138 *R.Corporación*, Santiago Mar 16 0107 - 'Radio Corporation' ID. Heard well throughout the DXpedition.  
 1569.9 CC157A *R.Familia de Maule*, Talca Mar 22 0230 - IDing as 'Radio Familia.' Fair.

### Ecuador

- 540 HCFA2 *R.Tropicana*, Guayaquil Mar 22 0100 - Lotsa commercials 'La Voz del la Romanticos'.  
 850 HCGU13 *R.San Francisco*, Guayaquil Mar 16 0050 - Full ID at TOH as 'Radio San Francisco, Guayaquil.' Excellent level. Also rather shocked with this as second Easter Island logging. Excellent level, pre-sunset and off the side of the antenna. Heard each evening.  
 880 HCRP1 *R.Católica Nacional*, Quito Mar 21 0210 - Presume this one with loooong discussion of families, marriage, children, sexual matters, etc. without end. Good level. Heard also Mar 22.  
 1120 HCFV2 *Estación Intercontinental*, Guayaquil Mar 18 0028 - Caught this 5 kW daytimer with full formal sign off at 0030. Good level.

### Falkland Islands

- 530 FIRS Port Stanley Mar 21 0250 - BBC WS feed at good level. Tentative this, as seems to fit published schedule and there are few other alternatives.

### Peru

- 540 OBX4E *R.Inca del Peru*, Lima Mar 17 1417 - Huaynos music programming. 'Radio Inca.'  
 580 OAX4M *R.Maria*, Lima Mar 17 1016 - This one noted with a big signal at transmitter site dawn. Also noted on Mar 21, with multiple IDs.  
 660 OCX4R *R.Inolvidable*, Lima Mar 16 0156 - 'La Inolvidable, tu mejor recuerdo 93.7 FM 660 AM!' Heard most evenings.  
 700 OBZ4H *R-700, La Grande*, San Miguel Apr 24 0300 - Noted with multiple La Grande slogans at TOH.  
 730 OAX4G *R.Programas del Peru*, Isidro Mar 16 0045 - Very surprised this the first station logged at Easter Island, with the antenna pointing at least 45 degrees away. Excellent level 45 minutes pre sunset. Probably most heard station during DXpedition.  
 760 OBZ4X *R.Mar Plus*, Chorillos Mar 25 0230 - 'Radio Mar Plus... Tropicaliente' multiple IDs, booming in!  
 820 OAX4O *R.Libertad*, Lima Mar 22 0241 - Pop music with lotsa commercials and IDs.  
 880 OBZ4N *R.Unión*, Lima Mar 25 0045 - 'Radio Unión' with a talk show. Good level.  
 900 OBX4X *R.Felicidad*, Lima Mar 17 0325 - Heard with music program and multiple IDs.  
 960 OAX4D *R.Pan Americana*, Lima Mar 22 0102 - Música romantica program with multiple 'Radio PanAmericana.'  
 990 OBX4J *R.Latina/R.Victoria*, Miraflores Mar 22 0300 - Now part of 'Cadena Victoria' and IDing as *R.Victoria* after a lengthy religious program.  
 1010 *R.Cielo*, Lima Mar 18 0235 - Renamed station, formerly *R.América*. Heard often and well. 'Radio Cielo, La Voz del Nuevo Mundo.'  
 1400 OBX4W *R.Callao Super*, Lima Mar 17 0035 - Brief fade-up with Lima clearly mentioned several times, but no ID. Tentative this.  
 1470 OAU4B *CPN Radio*, Lima (pres.) Mar 22 0040 - Mentions of Lima. Heard also on Mar 25.  
 1499.9 OBX4I *R.Santa Rosa*, Lima Mar 16 0122 - What a mess on 1500 kHz! Signals in audio on 1500.27 and this one on 1499.9, with some station actually on frequency, but weaker on 1500.00. The Eton E1 really shined. Logged a pop music show with a male host on this 1499.9 at good level. Full ID as 'Radio Santa Rosa, Lima' at 0125. The audio on 1500.27 was fairly weak and I moved on to the expanded band, hunting Argentines. *R.Santa Rosa* heard each evening.

### FINAL COUNT FROM EASTER ISLAND

*Europe, Middle East and North Africa*: 21 stations in 14 countries; Spain (7), Egypt (2), Saudi Arabia (2), Algeria, Eire(p), Bosnia(p), W.Sahara (Morocco), Netherlands, Portugal, Syria, France, Oman, and UAE.

*East and South Asia*: 69 stations in 8 countries; China (40), Japan (19), Philippines (3), South Korea (3), North Korea, Taiwan(t), India, and Thailand.

*Pacific*: 72 stations in 6 countries; New Zealand (36), Australia (32) Fiji, Hawaii, Tahiti, and Tonga.

*North and Central America*: 46 stations in 7 countries; USA (35), Mexico (5), Netherlands Antilles, St.Kitts & Nevis (2), Turks & Caicos, Cuba, and U.S. Virgin Islands.

*South America*: 32 stations in 6 countries; Peru (15), Argentina (9), Ecuador (4), Brazil, Chile, and the Falkland Islands.

# NRC Contest

An annual DX contest which encourages DX'ing and offers prizes

**Bruce Conti** nrcidxd@aol.com  
46 Ridgefield Drive  
Nashua, NH 03062-1174

## The State of the Art DX Contest

### Pan-American Scores

\*Bruce Conti = 852  
Ron Bailey = 558  
\*Wayne Heinen = 512  
John Wilkins = 466  
Nancy Johnson = 273  
Russell Curry = 211  
Bert New = 109  
Jeff Hawk = 78

### Transoceanic Scores

†Richard Wood = 5151  
\*Bruce Conti = 2200  
†Dale Park = 425  
\* Ineligible for prizes.  
† Hawaii combined with Pan-American.

### Pan-American DX

**Ron Bailey**, Shelby NC (35°13'N 81°35'W) Miles Pts

#### Canada

MB 990 CBW Winnipeg (49°50'N 97°31'W) 1290 12

SK 540 CBK Watrous (51°41'N 105°27'W) 1639 16

St. Kitts 555 ZIZ Basseterre (17°19'N 62°44'W) 1693 16

#### USA

PA 980 WILK Wilkes-Barre (41°14'N 75°57'W) 516 5

**Russell Curry**, Eugene OR (43°48'N 123°05'W) Miles Pts

#### Canada

MB 990 CBW Winnipeg (49°50'N 97°31'W) 1275 12

#### USA

AZ 1580 KMIK Tempe (33°27'N 111°50'W) 936 9

CA 760 KFMB San Diego (32°51'N 117°02'W) 823 8

CO 850 KOA Denver (39°30'N 104°46'W) 991 9

ID 930 KSEI Pocatello (42°58'N 112°30'W) 536 5

IA 1540 KXEL Waterloo (42°11'N 92°19'W) 1554 15

LA 870 WWL New Orleans (29°50'N 90°08'W) 2046 20

MN 1500 KSTP St. Paul (45°02'N 93°03'W) 1480 14

MT 560 KMON Great Falls (47°25'N 111°17'W) 623 6

NE 880 KRVN Lexington (40°31'N 99°24'W) 1233 12

NV 720 KDWN Las Vegas (36°04'N 114°58'W) 685 6

NM 1020 KCKN Roswell (33°28'N 104°30'W) 1228 12

OK 1520 KOKC Oklahoma City (35°20'N 97°30'W) 1478 14

OR 1380 KSRV Ontario (44°03'N 116°58'W) 306 3

TX 1200 WOAI San Antonio (29°30'N 98°08'W) 1690 16

UT 750 KOAL Price (39°34'N 110°48'W) 698 6

WA 1510 KGA Spokane (47°30'N 117°23'W) 376 3

WY 1030 KTWO Casper (42°51'N 106°13'W) 851 8

#### Mexico

BCN 1090 XEPRS Rosarito (32°26'N 117°05'W) 849 8

**Wayne Heinen**, Aurora CO (39°39'N 104°46'W) Miles Pts

#### Cuba

VC 570 CMDC Santa Clara (22°24'N 79°56'W) 1881 18

#### USA

OH 1100 WTAM Cleveland (41°17'N 81°37'W) 1222 12

**Nancy Johnson**, Billings MT (45°46'N 108°37'W) Miles Pts

#### Canada

SK 600 CJWW Saskatoon (52°04'N 106°49'W) 443 4

### Transoceanic DX

**Bruce Conti**, Nashua NH (42°43'N 71°31'W) Miles Pts

Israel 1287 Ramle (31°50'N 34°50'E) 5506 55

**Richard Wood**, Keaau HI (19°35'N 154°58'W) Miles Pts

Afghanistan 1296 R.Ashna, Kabul (34°35'N 69°12'E) 7714 77

#### Australia

NSW 1512 2RN Newcastle (32°56'S 151°44'E) 5043 50

SA 891 5AN Adelaide (35°06'S 138°31'E) 5757 57

Bermuda 1280 VSB2 (32°18'N 64°46'W) 5526 55

#### China

FJ 783 Voice of Strait, Amoy (24°29'N 118°11'E) 5486 54

HL 1476 CNR2 Shuangyashan (46°33'N 131°10'E) 4494 44

NM 963 CRI Hohhot (41°12'N 111°30'E) 5522 55

#### Cuba

GU 960 CMDJ Guantánamo (20°07'N 75°13'W) 5133 51

E. Malaysia 1475 Kota Kinabalu (06°10'N 116°11'E) 6008 60

#### Japan

KG 1260 JOIR Sendai (31°49'N 130°18'E) 4650 46

Ok 1494 JOYR Okayama (34°39'N 133°55'E) 4415 44

Micronesia 1494 V6AI Yap (09°30'N 138°08'E) 4508 45

#### Mexico

Ver 750 XETI Tempoal (21°32'N 98°22'W) 3649 36

Mongolia 1350 Ulaanbaatar (47°55'N 107°00'E) 5589 55

Nicaragua 1440 YNRM Managua (13°04'N 86°21'W) 4550 45

N. Korea 819 KCBS Pyongyang (39°05'N 125°23'E) 4841 48

#### Philippines

Cebu 1512 DYAB Cebu City (10°17'N 123°55'E) 5416 54

Davao 1296 DXAB Davao City (07°03'N 125°35'E) 5377 53

Iloilo 1323 DYSI Iloilo City (10°41'N 122°32'E) 5497 54

NCR 1530 DZME Quezon City (14°39'N 121°01'E) 5510 55

Sri Lanka 1548 Tricomalee (08°44'N 81°10'E) 8156 81

Taiwan 1557 WYFR Kouhu (23°35'N 120°10'E) 5384 53

Turkmenistan 1233 TR Syrtagta (35°58'N 62°55'E) 7881 78

That's the latest entries and standings as of May 4. Winners to be announced in next month's *DX News*. 73 and Good Luck!

# Broadcast Test Report

Les Rayburn [les@highnoonfilm.com](mailto:les@highnoonfilm.com)  
100 Centerview Drive, Suite 11  
Birmingham, AL 35216-3748

*A periodic update of station testing activities*

I had an enjoyable conversation recently with Mark Schumacher, who is the Chief Engineer at KXEL-AM 1540 in Waterloo, Iowa. He was kind enough to discuss KXEL's recent outage during one of the worst ice storms to hit the region in decades.

According to Mr. Schumacher, KXEL's outage was due to 1 and 1/4 inch of ice coating everything for miles around their transmitter site, which is approximately 24 miles from town. Several power poles along the last mile of the route actually collapsed during the storm, which also contained high winds.

KXEL is not equipped with backup power generation, having undergone a series of expensive upgrades in recent years. The budget simply wouldn't allow for it prior to this event, but it is being considered by the owners now. He also could not estimate the amount of revenue lost due to the outage.

Mr. Schumacher said that KXEL lost power only a few hours into the storm, and that at one point every station in the market was off the air. Their sister station, KWLO 1330, dropped off the air only for a few minutes until its backup power generator kicked in.

KWLO is a 5kw station that has "decent coverage" according to Mr. Schumacher. Along with two FM stations in the area, KWLO assumed the role as the principal conduit of information and advisory messages during the incident which crippled much of the region for nearly a week.

At one point on the first day, the generator failed to operate at KWLO, but the station remained on the air due a bank of backup batteries, though it operated at reduced power levels. Mr. Schumacher and his wife were able to obtain parts for the generator at an in-law's hardware store and effected repairs late that afternoon, returning the station to full power. The KXEL transmitter building suffered major roof damage during the storm. Schumacher was still very busy with repairs but took time out to provide some insight into the outage.

He had a very positive view of DX'ers and expressed that he might be willing to include sweep tones and Morse code during future maintenance tests.

He also mentioned the web site [www.fybush.com](http://www.fybush.com), which he really enjoys. He was concerned about a picture of their transmitter site at: <http://www.fybush.com/site-010822.html>. The photo was taken awhile ago, before their recent improvements to both the transmitter and the building. He felt that the photo reflected poorly on the station and wanted to know if we could help get it replaced with a new photo he could provide once the Spring came.

(Who says broadcasters don't care about their image with the hobby?)

I think the Waterloo market owes the Schumacher's a debt of gratitude for their hard work and courage, braving the weather to keep KWLO on the air during the event.



At left: These broken utility poles provided power to Waterloo, IA radio stations until heavy ice (above) coated them, causing a power outage that lasted for days and forced KWLO-1330 to have to operate on generator and backup-battery power for an extended time until repairs could be made. -Photos by Sherry Schumacher.

# *The First Forty Countries from Hawaii*

*By Richard E. Wood, Ph.D.*

A DX'ing location on the east coast of the Big Island of Hawaii, two miles from the ocean, with unobstructed topography to the N, E, and S, offers tremendous advantages. However, for the number of countries regularly audible, it is not among the world's best locations. Europe, for example, contains more countries than I have heard (from all continents) here since I reactivated as an MW DX'er in November 2005. A DX'er in Central Europe could hear more countries – but they would be semi-locals of little DX interest. On the other hand, a DX'er in northern Scandinavia or Finland can receive dozens more countries in Asia, the Americas, and to a lesser extent, Africa and even from Hawaii and possibly other Pacific islands, so that a total exceeding 100 countries is feasible in or near the Arctic Circle. Hawaii (3 stations) has been heard on DXpeditions in Sheigra, northwest Scotland (my native country).

Closer to home for most NRC members, a location in coastal New England offers a large selection of countries, most of which are distant enough to be desirable DX. To take a simple example, Mark Connelly alone in coastal MA, reported 42 countries heard in only two recent issues of *DX News* (74-23, 3/19/07 and 74-24, 4/2/07). To these we can add at least four countries he must hear regularly but did not happen to report to those issues – the U. S., Canada, Mexico, and Turks and Caicos. Almost all other countries of the Americas, Africa, and several more in Europe and Asia are likely there, so a potential total exceeding 100 countries is reasonable.

Other parts of the U. S. are much less promising – the Middle West, the inland South, even the Pacific Northwest. Alaska looks better, but records over the years show few good catches of Latin America from there.

Now, back to Hawaii. A problem for country-collecting DX'er there is that there are no “semi-local” countries. Everything outside Hawaii is at least 2300 miles away, and the closest radio country – the “mainland” U. S. – is also dominant on most MW channels during most of the hours of darkness and produces more stations than all other countries put together. Moreover, the closest state – CA – is also the biggest in number and power of stations. So, careful listening at sunset skip is needed to get interesting, more distant U. S. station on crowded channels; likewise, carefully-timed observations at CA fade-out times in the Hawaiian early morning for wanted stations in the Mountain West and Pacific Northwest (plus Alaska, a separate radio country).

The dominance of one state, CA, has no parallels for DX'ers in other continents. In England, for example where I began DX'ing small New England states were the closest. NY and MA were present, but not dominate. In the summer desirable Southern and Mid-Atlantic coastal states (FL, GA, SC, NC, VA, DE, MD) were audible. For DX'ers in northern Scandinavia, no part of the U. S. is dominant; conditions range from the West Coast through the Upper Midwest to the East.

Here on the easternmost tip of Hawaii, getting many countries means:

1. Listening during the dawn and pre-dawn hours when most of North America is in daylight and has faded out;
2. Using directional antennas to reduce the dominant North American stations;
3. DX'ing in spring, summer, and early fall when stations in or near the Southern Hemisphere are audible and may even dominate North Americans on channels ending in 0;
4. Using filters and SSB to separate Western Hemisphere, 10-kHz-spaced channels from Rest of the World (Asia, Africa, Pacific other than HI, Europe), spaced 9 kHz apart;
5. DX'ing at SSS and in the early evening spring through fall, when Southern Hemisphere stations are already in darkness but co-channel North Americans have not yet reached their full nighttime strength (practical beacons are Brazil-1280 and -1220, and Chile-1380).

In the one-and-a-half years since I reactivated here, I have not had an opening to Europe. Back in the 1980's, in the same location, I heard 13 European countries from all parts of the continent, all around 0400-0600 UTC. This is sunset skip time here, and U. S. mainland stations are of variable, sometimes weak, strength. However, the most recent DXpedition to Sheigra, Scotland heard 3 Hawaiians (KHVH-830 and KUMO-1500 were two) at 1000, a time I would consider unpromising for Europeans here, because:

1. Southern and Central Europe are in daylight time then, and
2. Signals from the U. S. Mainland and Canada are overwhelming here then; I have never even heard a heterodyne then which I would suspect to be Europe, whereas I sometimes hear hets on 1467 and 1557 (presumably France and 783 (perhaps Mauretania).

If I get a good opening to Europe and/or Africa, this article can be rewritten or extended to “The First Fifty (or Sixty) Countries from HI”. Here are the first forty, in order of regularity. Only currently active and recently-heard stations – the most likely per country – are listed. This list is intended as a challenge to other DX'er in HI, including visitors.

**Heard all day, every day:**

Hawaii, all licensed stations

Heard every night, all year:

USA, multiple stations

Canada, multiple stations

Mexico, multiple stations

Cuba, R. Rebelde-1180

Turks &amp; Caicos, RVC-530

French Polynesia, Mahina RFO-783

Japan, Sapporo JOWF-1440

**Heard most nights, winter:**

Alaska, Nome KNOM-780

Heard every night, spring/summer/fall:

U. S. Virgin Islands, Fredericksted WDHP-1620

Brazil, R. Tupi Rio-1280

Thailand, R. Thailand/VOA-1575

Fiji, R. Fye Rakiraki-1467

Samoa, Apia 2AP-540

**Heard most nights, Spring/summer/fall:**

Chile, Santiago R. Corporacion-1380

China, CRI/VOR-1323

Australia, Emerald 4QD-1548

New Zealand, Auckland R. Pacific-1476

Marshall Islands, Majuro V7AB-1098

Netherlands Antilles, Bonaire PJB-800

India, Nagpur AIR-1566

Vietnam, Can Tho VOV-1242

**Heard most nights, any season:**

South Korea, Jeju FEBC JLAZ-1566

Taiwan, Kouhu TWR WFYR-1557

Russia, Usswiysk VOR/RCIU 1250

United Arab Emirates, Dhabbaya R. Farda-1575

Heard some nights, spring/summer/fall:

Philippines, Cebu City DYAB-1512

Malaysia, Kota Kinabalu VOM-1475

Sri Lanka, Trincomales DW-1548

Oman, A'Seela BBC-1413

Tajikistan, Aap ki Dunyaa Orau VOA-973

Kyrgystan, Bishkek TWR/R. Maranatha-1467

Kazakhstan, Qyzylorda QR-1440

Mongolia, Ulaanbaatar MR-1350

North Korea Sinuiju 873

Iran, Bandar-e-Torkeman VoIRI-1449

Saudi Arabia, Damman BSKSA-882

Micronesia, Colonia, Yap V6AI-1494

Nicaragua, Managua R. Maranatha-1440

Ecuador, Guayaquil Teleradio AM, HCVP2-1350

# Confirmed DX'er

**Phil Bytheway** phil\_tekno@yahoo.comt

9705 Mary NW

Seattle, WA 98117-2334

## Your successes in obtaining QSL's and other station items

Welcome once again to another Confirmed DX'er.

740	WJIG	TN Tullahoma. N-d letter plus WJIG calculator. V/s Joyce Woods. Rcvd in 17 days MS (not used). (Jones-TN)
770	WVNN	AL Athens. P-d card. V/s Josh Bohn CE. Rcvd in 5 days MS (not used). (Jones-TN)
960	WHAK	MI, Rogers City. Card showing call letters of AM & FM group stations with verie message on reverse. V/s Darrell Kelly, Op. Mgr. (Musco-CT)
1170	WACV	AL Montgomery. P-d letter. V/s Tom B Jones III CE. Rcvd in 27 days MS. (Jones-TN)
1230	WODI	VA, Brookneal. q. V/s Les Rayburn, Test Co-Ord. (Musco-CT)
1280	WJST	PA, New Castle. Form letter with all details and personal note. V/s Bill King, C.E. (Musco-CT)
1280	WSAT	NC, Salisbury. V/s Budd Poole, G.M. Answered a question for me. (Musco-CT)
1330	WEBY	FL Milton. P-d letter, letter, map, sticker. V/s Mike Bates, GM. Rcvd in 7 days MS. (Jones-TN)
1340	WWNH	NH, Madbury. 8 1/2 x 11 color certificate via e-mail. V/s Les Rayburn, Test Co-Ord. (Musco-CT)
1570	CFVA	PQ, Laval. Letter in English thanking me for a correct cassette recording. V/s Brigitte Morin. Slogan "Boomer 1570." (Musco-CT)
1580	CKDO	ONT, Oshawa. Full data card. V/s Shawn Smith. (Musco-CT)
1590	WDBL	TN Springfield. Note on verie report. V/s Neal Peterson. Rcvd in 2 days MS. (Jones-TN)

A big thanks to the following contributors:

David Jones, Nashville TN

Ron Musco, Poquonock, CT

# *It's BOISE 2007!*

## *National Radio Club and WTFDA Club in a Joint Convention*

This is the first Joint Convention anyone can remember. We'll be meeting with the Worldwide TV-FM DX Association (WTFDA) this year — those of us who have focused on the AM bands will have a chance to meet with others who have done most of their DXing on the FM and TV bands. Some of them will want to be brought up to date on our medium wave club too. So this will be a win-win situation for us all!

The meeting room opens on Friday, August 31 and planned activities start that night.

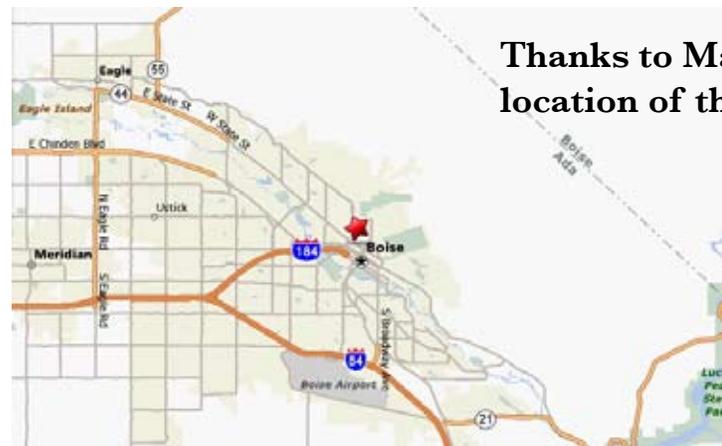
Location: Rodeway Inn, 1115 N. Curtis Road, Boise, ID 83706 Call: (208) 376-2700

Room Rates: 1 person = \$59.95 plus tax; 2 people in 2 beds also \$59.95 plus tax. Additional people are \$8.00 each.

Convention Registration: \$15 per club member - \$10 for a spouse. In lieu of a pre-paid banquet this year, we will all meet at a restaurant where you can order what you want from the restaurant's menu so we can keep the registration costs this low. Send your registration fee, payable to the National Radio Club, to PO Box 5192, Sun City Center, FL 33571-5192 no later than August 15. You may also register and pay via Paypal from our website <http://www.nrcdxas.org>; just follow the links.



*What a beautiful setting — Boise in the shadow of the Rockies!*



Thanks to Mapquest ... the star marks the approximate location of the convention hotel, the Rodeway Inn.

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