



# New Zealand DX Times

Monthly journal of the  
New Zealand Radio DX League (est. 1948)  
September 2000 - Volume 52 Number 11  
<http://radiodx.com>



## talkback@radiodx.com *with David Ricquish, Wellington*

This month, I'm writing the column listening to my Station of the Month. Cruisy music from KJZY-FM on 93.7 in Sebastopol, Sonoma county in northern California. Easy listening jazz, and they've been having a nice warm early fall as well. Should be good for the grape harvest. This is Californias' wine country, less than an hour over the Golden Gate Bridge from San Francisco. Check them out: [www.kjzy.com](http://www.kjzy.com)

Also, check out shortwave and DX news with Paul Ormandy's South Pacific DX Report. You'll find it on 2YB Access Radio in Wellington, 783 AM every second Saturday at 12:20pm. Encourage your friends to listen as well. In Auckland, the move to FM of former Access Radio results in a different audience so the program is being removed for now.

We should be back on the air in Dunedin on Hills AM 1575 shortly, thanks to David Miller. If you'd like to listen to the show on your local access or community station, now's the time to get a local group together and arrange a timeslot. We'll be happy to provide the program feed to you via a website download.

Canada's CBC to close down? Got your attention. In an article entitled 'Death Rattle', former CBC staffer Dan MacLeod writes: 'after 16 years of government cuts, coupled with a stubborn inhouse refusal to change, the CBC is an object of derision for stand-up comics and columnists alike.

What's left of the 'people's network' remains out of touch and the citizens who pay the bill are staying away in droves. The CBC is well on the way to oblivion.' The article continues in several parts and can be found at [www.mediachannel.org](http://www.mediachannel.org). In the meantime, love 'em and log 'em whilst they're on air. And, listen to CBC SW frequencies with care, you may find them relaying private Canadian (or Quebecois) FM networks one day.

Incidentally, mediachannel is a site with hundreds of good links to broadcasters and media groups worldwide. Tends to be alternative, so carries much radio news about stations in obscure countries, or with minority formats, or operating in warzones and other exciting locations.

Jim Benzoni, Hamilton, writes: 'Sad to read of Dick's passing. I well remember he and Noel attending the Wellington Convention. We had an 'introduce yourself' round robin to put faces to names, because of the number of Aussies attending for the first time, and when it came to Dick's turn, he introduced himself and Noel as 'Dick Whittington and Cat'. A delightful gentleman who'll be missed.

I'm impressed by the standard of the DX Times these days - although I don't do much

**Contribution deadline for next issue is Wednesday October 4th - PO Box 3011, Auckland**

listening at present. It's worth the sub just to receive the DX Times - many trade magazines are less value for money'.

Tony King, Greytown has some useful news: 'Elequip have 25,000+ new tubes in mixed cartons of 500 for sale. A catalog is available. A 680X set already found!' Interested? Contact Tony: PO Box 29, Greytown, Wairarapa, or [tonyk@radiodx.com](mailto:tonyk@radiodx.com) for details and prices.

Ralph Sutton, Wellington sends details of the 2000 VK/ZL Oceania DX Contest which includes a SWL category. It's on Oct 7-8 (phone) and Oct 14-15 (CW) and full details of categories, points etc can be obtained from: Brian Miller, ZL1AZE, PO Box 6464, Wellington, email: [ocfest@nzart.org.nz](mailto:ocfest@nzart.org.nz). Go for it!

Invercargill listeners have a new station, now that Tahu FM has opened on 99.6 in the city, to relay Christchurch. Run by NgaiTahu, more outlets are planned in Dunedin shortly, then Kaikoura. Reports to 127 Armagh Street, Christchurch, email: [tahufm@hotmail.com](mailto:tahufm@hotmail.com).

Paul Ormandy, Oamaru sends details of the new plan to establish web pages for every Pacific Island broadcaster. The Pacific Islands Broadcasting Association is running the project, with help from NHK Tokyo's Hyosyo-Bunka Foundation. Check out the story at Radio Netherlands Media Network: [www.rnw.nl](http://www.rnw.nl).

The basic aim is to give stations a global audience, and generate income through expatriate islanders sending messages for broadcast back home. Some sites are already appearing. Radio Fiji's site launched August 22 and got 3,200 hits in the first 48 hours. All DXers wanting to see where the 1152 AM outlet really is! Visit: [www.radiofiji.org](http://www.radiofiji.org) and you'll find the answer. The AM/FM coverage maps are well done. And, 1152 is officially at Rakiraki!

For more links, check [www.radiodx.com/spdxr/rhc\\_links](http://www.radiodx.com/spdxr/rhc_links) where you'll find sites for Radio Tonga, Radio Vanuatu, Radio Kiribati, Radio Nauru and the Solomon Islands Broadcasting Corporation.

The Pacific Radio Heritage Collection continues to expand with articles on VL2NI Norfolk Island, ZMAP Samoa, Radio New Zealand International and Radio Vemerama clandestine, as well as Radio on Rarotonga, and Kanaky FM stations in New Caledonia all appearing over the past few weeks Visit: [www.radiodx.com/spdxr](http://www.radiodx.com/spdxr) regularly for new stories about Pacific radio. Paul Ormandy adds material on Antarctica and Diego Garcia (now on SW with AFRTS broadcasts).

My own research on the WWII Mosquito Network has received tremendous support from Jack Fox (at the NZRDXL Archives), Adrian Peterson of AWR, Trent Christman ('Brass Button Broadcasters' to be reviewed shortly) and FEN Tokyo.

We're now running at 50+ pages of notes, and expanding through the Jungle Network to occupied Japan, liberated China, and onto the old Indian Empire. This material will emerge as a series of articles, well illustrated, on both the website and here in the DX Times.

In the meantime, last word this month to Barry Williams, Auckland who writes: In the August DX Times, Ken Baird raised an interesting subject regarding the importance of loggings. I've never been a program listener. The ultimate verification of a station logged has usually been my aim.

During the early days of DX, the QSL was of prime importance. Today, have a look at the size of Bandwatch compared to SW Mailbag and we can see times have changed. I've no problem with this trend. Most DXers today don't consider QSL's as important as I do.

I question the value of listing loggings in Ladder format. I've questioned the value of our Ladders contest for a number of years. To me, it only signifies the amount of time we can put into the hobby! I only contribute to the Continents Listings; to me, more relevant.

Re Ken's idea: I presume this would be of new stations and frequencies. I can see little merit with this. Perhaps Ken could enlarge on the idea, and other members give some feedback via 'Talkback'. We have more listeners than QSLers and maybe members see merit with the idea. At least it would boost sales of League Logbooks!

What say you everyone? Personally, I want to see Points brought back, and competitions actually have some competition again! Ladder and Continents totals could also have points totals for each entry. Sort out the 6BE's from the 2YA's! The VOA blasters from the 75 watt Bolivians on SW!

The Sydney Olympic Games Opening Ceremonies are now on TV, so until next month, thanks for renewing your membership, DX wisely and well, and see you in the DX Times next month. I'm sorry for holding Andy up over a week this month. Brickbats to me. Ciao.

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## shortwave.report@radiodx.com *with Matt Francis, Canberra*

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Welcome to this month's column. All times in UTC and frequencies in kiloHertz. Courtesy of the Sydney 2000 Games, most of eastern Australia went to daylight saving time on 27 August. In Canberra, that means scraping the overnight ice from the car windscreen in the dark before going to work!

Sources: DXLD — Glenn Hauser's DX Listening Digest; BCDX — Worldwide DX Club; Cumbre — Cumbre DX; HCDX — Hard Core DX.

**AUSTRALIA:** The ARDXC together with Radio Australia, is printing 250 special Olympic games QSL cards. As usual only full detailed reports will be verified. Now importantly in the ARDXC we allow separate stations in this case Radio 2BL (702) Sydney on MW is doing the broadcasts and these will go out on Radio Australia frequencies. So in the case of ARDXC this a separate station. You will hear 2BL 702 ID's on Radio Australia. At the top of the hour you will hear Radio Australia ID's. All reports must go to Radio Australia GPO Box 428 G Melbourne 3001 Victoria Australia. All reports must be received by 16th October, 2000. The first 250 reports will be QSLed, once run out of the cards that's it! Allow 6 weeks for processing. Email reports treated like mail reports (Wright) More details on RA's Olympic coverage below! (Francis)

**BELARUS:** Belaruskaje Radyo has local programming 0340-0400 and 1500-1600 on it's first network. R Stalitsa (which means "capital") is the local station for Minsk area and heard on all BR 1 freqs who are not in use by a provincial stn, including most of the SWs with the exception of the ones with programming from the Brest, Grodno and Mogilyov studios, which are true local stns and otherwise being on FM only; the staff of R Mogilyov (5965) was rather surprised to receive a report from Austrian DXer Herbert Meixner. (Kai Ludwig, BCDX)

**CANADA:** 6160 CKZN St. John's is on 24 hours a day as of July 10th. They relay CBN 640 except from 6 AM to 9:30 AM local when they relay a morning program from CFGB in Goose Bay, according to the station's engineer, Keith Durnford. (via Johnson, Cumbre) This shares the frequency with CKZ U in Vancouver (Francis)

**CENTRAL AFRICAN REPUBLIC** The Hironnelle foundation tells Cumbre DX that a shortwave transmitter is en route to their latest station in Bangui, Radio Ndeke Luka. It is planned to operate it on Radio MINURCA's old frequencies of 5900 and 9900. As for the equipment used by Radio MINURCA, it was shipped by the UN to Sierra Leone some months ago [No word from the UN yet on how it is being used-Johnson] Radio Ndeke Luka can be

found on at <http://www.hirondelle.org> (via Johnson, Cumbre)

**CHILE** 6029.6 Radio Santa Maria, since two months ago they have been active again on short wave with their regular transmissions Monday to Saturday 1045-0230 (-0230 Sunday) & Sunday 1130-0300 (-0300 Monday). Previously their transmissions were irregular. Recently they have repaired their transmitter. (Barrera, Cumbre)

6080 Radio Patagonia Chilena. Inactive due to high costs of their kilowatt transmitter and electricity in their area. Also they large number of stations that are in their area. This is the reason for their inactivity I was told by technician Sr. Luis Arturo Ojeda. (Barrera, Cumbre)

**INDIA:** From August 15, 2000 (India's independence Day), AIR Jaipur 50 kw will drop 3345 for morning transmission in favour of 4910 (recently they dropped it for the evening broadcast). So their revised sked on 4910 will be 0025-0400 & 1130-1741. Similarly, recently AIR Lucknow 50 kw dropped 3245 in favour of 4880 and the revised sked on 4880 is 0025-0400, 1215-1741 (Jose Jacob, Cumbre)

**INDONESIA:** A couple of the high-powered transmitters in the Jakarta area have recently been reactivated, and up to at least four frequencies are now observed on air simultaneously (compared with a maximum of two previously). The domestic RRI Programa Nasional is heard on 11860 (to approx. 0100), 11760 (0100-1600) and revived 15125 which seems to be on all day, but is hard to trace here during local nighttime with poor propagation and QRM from co-channel Taiwan. External Sce Voice of Indonesia is heard at 0030-0400 on 9525 & 11785, 0800-0900 on 11785, and 0900-1300 on 9525. 15150 and FM 103 MHz for the Jakarta area are also announced in the EE segments beginning at 0100 & 0800 (Alan Davies, Cumbre)

**MADAGASCAR:** Voice of the People (to Zimbabwe) address is P.O. Box CY 3093, Causeway, Harare, Zimbabwe (Marks RNMN via Johnson, Cumbre)

**NORTHERN MARIANAS ISLANDS:** Current schedule for VOA via Tinian relay, from IBB 7235 1300 1400 KK, 9545 1200 1300 CC, 9545 1300 1400 KK, 11765 1300 1400 CC, 11775 0800 1000 EE, 11785 1100 1300 CC, 11805 1230 1500 CC, 11930 0800 1000 EE, 11990 1100 1230 CC, 13610 0700 0800 CC, 13610 0800 1000 EE, 13610 1000 1100 CC, 13625 1630 1900 CRFD, 13735 2200 2230 KHME, 13735 2230 2330 VIET, 13735 2330 0000 EE, 13745 1300 1400 CHIN, 15150 0800 1000 EE, 15240 1000 1300 EE, 15260 1000 1100 CC, and via Saipan - 11765 1300 1400 CC, 13640 1500 1700 CANT, 15320 1130 1230 INDO, 15665 0900 1100 CC.

**SITES** The American Forces Radio and Television Service (AFRTS) is operating via a number of sites, carrying the 'American Forces Network' which itself consists of programming from National Public Radio, interspersed with news and military information and public service announcements. There are a variety of sites in operation: Key West, Florida: 12689.5; Puerto Rico 6458.5; Sigonella, Sicily 4993, 10940; Barrigada, Guam 13362, 5765; Diego Garcia 12579, 4319; Kelfavik, Iceland 10320, 6350; Pearl Harbour 6350, 10320. Both Guam and Hawaii frequencies have been well heard in eastern Australia and NZ, all USB. Reception reports can go to Naval Media Center, NDW Anacostia Annex, 2713 Mitscher Road, SW, Washington, DC 20373-5819, USA, or via email to [QSL@medicen.navy.mil](mailto:QSL@medicen.navy.mil) (Various sources)

**TAJIKISTAN** 12150 Que Huong Radio between studying their web and WHRI's, Que Huong appears to be here 2300-0000 from Mon-Fri and via KWHR Saturdays only on 17510, ex Mon-Sat. (via Johnson, Cumbre)

**THAILAND:** Radio Thailand's domestic service made a brief reappearance around 31 July on 4830, but that frequency now appears to be off air again. The English service, which occasionally IDs as 'NBT3', is now on MW and FM only. I believe that 'NBT' stands for National Broadcasting Service of Thailand. 6070 and 7115 continue to carry separate domestic net-

works in Thai (Alan Davies, Cumbre)

**UNITED NATIONS** David Smith of the United Nations reports: UN Radio is back on shortwave. On Monday September 4 2000, our current affairs programmes in French, English and Arabic will be carried live to Africa through the facilities of Merlin Communications. The Schedule is as follows:

(language/time/site/freq/beam/target) FF 1700-1715 Meyerton 6120 076 Antananarivo, Meyerton 21490 342 Kinshasa, Skelton 17580 180 Dakar, Abidjan; EE 1730-1745 Woofferton 15265 140 Nairobi, Meyerton 6125 005 Johannesburg-Harare, Ascension 17710 065 Lagos; Arabic 1830-1845 Skelton 17565 180 Casablanca-Algiers, Woofferton 15265 140 Cairo.

It has been 15 years since UN Radio has been on shortwave. These programmes, along with our broadcasts in Chinese, Russian and Spanish, will also be carried on satellite by Merlin, for broadcast on partner stations around the world. Each 15 minute programme includes five minutes of world news, a three minute in-depth report on one of the main items in the news, and two three-minute features targeted to various geographical regions and focusing on issues including gender, environment, health and development. This launch coincides with the UN's Millennium Summit, running from Sept 6-8, and including roughly 155 heads of state. (Media Network website Sept 4 via DXLD)

**USA:** 7160U WGTG? Heard here with Alex Jones at 0125, gone by 0133. As strong as // 5085 and 6890. WGTG testing transmitter #3 on a new frequency or someone relaying WGTG? (Johnson Aug 30, Cumbre)

WXLW, 9320 at 2350 with gun rights show, ID at 2400, ads, then Bible study at 2403. Typical right wing SW stn. WXLW is 950 AM out of Indy. ID simply "WXLW Indianapolis". Still on at 0100 tune out. ?? I check low 31m most nights and haven't heard this one before, nor am I aware of any previous announcement of this on SW (Liz Cameron, MI, 30-31 Aug, DX LISTENING DIGEST) That would be WGTG in Georgia carrying a program originating with WXLW. SHOULD be a legal WGTG ID on the hour, but don't bet on it (gh / DXLD)

**YUGOSLAVIA:** Radio Yugoslavia's SW broadcasts are off the air after the transmitter site at Bijeljina in the Bosnian Serb republic was reclaimed by local authorities. The site has/had 4 x 500 kilowatt transmitters, although it had not been operating at full capacity in recent years. The site at Stubline in Serbia has been off the air since May 1999 after it was hit during the NATO air strikes. Broadcasts have moved to the internet [www.radioyu.org](http://www.radioyu.org). There has been speculation that broadcasts would resume via foreign relays but nothing has eventuated at the time of writing (Sep 7). Also, some reports suggesting that transmitters might be installed in Serbia - perhaps at Stubline. (Various sources, distilled by Francis)

## RADIO AUSTRALIA AND THE SYDNEY 2000 OLYMPICS

When the 2000 Olympic Games comes to Sydney in September, Radio Australia, will be providing comprehensive coverage of the world's largest sports event.

From Friday 15 September to Sunday 1 October, Radio Australia will broadcast daily reports focusing on the performance of the region's best athletes. Our specialist broadcasters will provide seven reports each day Monday to Friday and four reports daily on the three weekends spanning the Games.

These special reports will be available on the Palapa satellite service; the east Asian and Pacific short wave frequencies used by Radio Australia, as well as here on our web site.

For our audience in Asia our special Olympic reports will be broadcast at the following times (UTC): Mon-Fri 1830, 1930, 0030, 0330, 0530, 0730, 1130, Sat/Sun 0030, 0330,

0530 and 1130.

RA will provide continuous ABC Radio coverage to the Pacific from 2100-0000 on 17715, 0000-0200 17580, 0200-0800 13605 and 0800-1300 11650.

Specialist language service broadcasters will also be part of R. Australia's team covering the Games in Sydney. From Thurs September 14, our Indonesian service will be broadcasting a daily report at (local times) 8:55 and an evening report on Monday to Friday at 19:15. A special 15 minute report will also be broadcast on Sundays at 9:45. Partner stations in Jakarta, Bandung and Medan will air a daily Olympic journal produced by R. Australia.

Our Chinese service will provide a 15 minute program running daily from Tuesday September 12. It will air every evening at (local time) 22:45, and this edition will be repeated at 9:30 the following morning. Our partner stations in Taiwan, Singapore, Malaysia and China will also be broadcasting this program.

Our Papua New Guinea service will also be providing a nightly 15 minute program broadcast at UTC 0915 from Saturday September 16. (Radio Australia)

**shortwave.mailbag@radiodx.com** *Laurie Boyer, Invercargill*

Rushed notes here as computer went out and repairman took three days to come and fix it. Very few notes this month. It must be the Winter's effect showing.

First up Jack Searle Haumoana with them back from The Voice of Turkey 13640, World Beacon via Rampisham 9675, Radio Vlaanderen 15565 and everything but a verification from Radio France International.

Now to Ian Cattermole Blenheim Who has varies in from REE 7270, 11680, Radio New Zealand 11720 VOA Kavala 9850, Radio Taipei International 11565, FEBC 15380, Radio Ukraine International 12045, Radio Prague 15470, Radio Portugal 15585, KFBS 12005.

Paul R Peacock Blenheim With Radio Canada International via Skelton 7290, Radio Deutsche Welle via Sines 15275.

Leigh Morris South Australia has them from Deutschlandfunk 6190, ZBC Gweru 6045, Radio Simbu PNG 3355, Voice of Islam Via RTM 15295 TGMI 4800, Hvratski Radio Zagreb 9830, Voice of Shariah Kabul 7087, Voice of Tatstan via Samara 15105.

**Best of Month under 9MHz** Radio Canada Int Via Skelton 7190 Paul R Peacock.

**Best of Month over 9MHz** Radio Ukraine International 12045 Ian Cattermole.



**bandwatch.under9@radiodx.com** *with Ken Baird*

Please note that all frequencies should be in kiloHertz, **time in UTC** (= GMT = UT), # indicates reception report sent. For reasons of accuracy some positive ID from the station heard is desirable, otherwise the ID of the station heard should be shown as tentative. Similarly for languages - either IDed, Presumed or Unid. The country name should also be clearly stated, please don't use abbreviations. Also, please add the date of logging.

**KHz UTC Country, Station, Programme, & Reception Details**

3210 2130 MOZAMBIQUE, Em Nacional Maputo with brief ID in Portuguese then news, fair to good — LM 7/8

3290 0610 GUYANA, GBC poor with music prgm from the UK, noted with local prgm 0703

but not heard shortly there after (s/off??) — PWO 23/8

0800 PNG, R Central poor at s/on Anthem, drum beats, then into news // 4890. Het on channel presumably R Centro, Ecuador — PWO 23/8

1010 PNG, R Central good with music and time in Tok Pisin, not // 4890, no sign of ID, off the following night — DN 7/8

1026 PNG, R Central fair in Tok Pisin with notices and music, ID 1104 — KVB 22/8

1030 PNG, R Central regular most evenings best 1020 to 1130 in NZ with Hot Hits at 1046 Saturdays — DN 12/8

3319.8 1100 NTH KOREA, R Pyongyang in unid language similar to Japanese fair - DN 5/8

3325 1900 PNG, R Bougainville fair in Tok Pisin with 5am s/on, ID 1901 — KVB 21/8

3329.5 0925 PERU, Ondos Del Huallaga weak and noisy in SS/Quechua?? - IC 8/8

3385 1904 PNG, R East New Britain poor in EE with music, ID 1905 — KVB 21/8

3395 1915 INDONESIA??? Unid stn fair in Indonesian with list of items, some music, off 1959 with no ID — KVB 6/8

3905 0943 INDONESIA, RRI Merauke fr Indonesian. Notices, mx, nx, ID 1106 - KVB 22/8

3925 1000 JAPAN, R Tampa with talk in Japanese — JSB 22/8

3975 1000 JAPAN, R Tampa with music and IDs in Japanese — JSB 22/8

3995 0444 GERMANY, DW fair GG w/ Grand Prix and Soccer results, ID 0500 - KVB 26/8

4319 1938 DIEGO GARCIA, AFRTS on USB with This is CNN Radio News , weak but fading by 2000 - DN 19/8

4557 1116 CLANDESTINE, V of National Salvation strong echo ,fair to good signal - DN 5/8

4716.7 0930 BOLIVIA, excellent in Quechua but not always audible — IC 26/8

4763.8 1110 PERU, R Chincheros with ID at 1110 and 1122, strong carrier here for weeks with little sign of audio until tonight, distinctive violin music — DN 5/8

4835 1910 MAURITANIA, R Mauritanie poor in Arabic with Arabic music, ID 1929 - KAB 8/8

1910 MALI, RTV Malienne Bamako with Afro music, whistle, drums and endless song poor with ID at 1924 with drum beats — KAB 13/8

4855.1 0916 BOLIVIA, R Centenario(tent) with slw singing then long serious comment , Christo mentioned, possible relig stn, s/on of La Hora at 0935 put paid to ID - DN 8/8

4860 1926 INDIA, AIR Delhi with female Indian singing, poor, ID 1928, off 1930 - KAB 13/8

4880.8 1039 PERU, R Comas fair with mention of Lima and Santa Rosaduring huaynos, a move up in freq from the previously reported 4880.6 - DN 25/8

4915 1000 COLOMBIA, Armonias del Coquita good in SS with classical mx, IDs - JSB 22/8

4926.3 0945 BOLIVIA, R San Miguel v good in Spanish some nights — IC 1/8

4930 1937 UNID, classical Jazz and song standards no ID between tracks much better on USB, LSB non-existent, faded by 20000 but tent Midnight in Moscow music at 1959, although US songs - DN 19/8

4950 1000 PERU, R Madre de Dios good in Spanish with music and lots of Ids - JSB 22/8  
1908 SAO TOME, VOA relay fair in EE with comment and ID at 1909 — KVB 21/8

4975 1030 PERU, R Del Pacifico presumed good in Spanish witj relig mx, talk - RP 10/8

5235.6 1103 PERU, R Apurimac no ID but s/on at 1100 Flute music noted with fair signal. Confirmed and being heard by Rogildo Fontenele in Bolivia — DN 25/8

5637 1030 PERU, R Peru v good in Spanish with great IDs — IC 26/8

5637.2 1119 PERU, R Peru ID as San Ignacio .. Peru, frqnt IDs, soft guitar mx - DN 25/8

5825 0626 USA, WEWN in EE with Catholic relig prgm — KAB 5/8

5935 0624 USA, University N/W in EE with Dr Gene Scott — KAB 5/8

5965 1000 CANADA, BBC via Sackville in EE to Nth America, good — JSB 22/8  
 5975 0500 UK, R Japan poor in EE with NHK World news, not heard often here — RP 9/7  
 6005 2004 SEYCHELLES, BBC WS relay fair in EE with item about Sesame St in Aabic made for Egyptian TV, ID 2005 — KVB 6/8  
 6045 0855 PERU, R Santa Rosa strong in Spanish with excellent IDs — IC 18/8  
 6060 0610 BRAZIL, R Univero/Tupi fair in Portuguese — IC 31/7  
 6065 1930 SWEDEN, R Sweden good in EE w/ Sounds Nordic, no good at 2130 - KAB 13/8  
 6095 1650 NZ, RNZI opens in EE at this time — IC 14/8  
 6150 0935 BRAZIL, R Record good in Portuguese, always there — IC 1/8  
 6185 0700 MEXICO, R Educacion v good with rancho music and IDs in SS - JSB 22/8  
 0810 MEXICO, R Mexico Intrl gd in EE with Mexican mx, ID 0829 then SS - KAB 5/8  
 6195 0405 UK, BBC WS fair in EE with news and comment, ID 0409, followed by Weekend at 0430. Also good at 2000utc — KAB 26/8  
 6350 0746 HAWAII, AFRTS on USB, ID then CNN Radio World News in EE, fair - PRP 20/8  
 0805 HAWAII, AFRTS strong on USB with jazz prgm, this freq not from Iceland as previously reported — IC 16/8  
 6470.9 1135 PERU, R San Nicholas, full ID at tune-in but weak with static - DN 25/8  
 6479 0335 PERU, R Altura poor but clear with Chicha music and IDs, only Latin heard between 6300 and 7000 KHz — PWO 23/8  
 7105 0630 INDIA, AIR Lucknow fair in Hindi with ID, news — KAB 16/8  
 7110 0400 TUNISIA, RTT good in AA, comment, Arabic mx, ID, Anthem 0400 - KAB 7/8  
 0435 TUNISIA, RTT v good in Arabic // 7275 weaker — RP 31/7  
 7150 2040 INDIA, AIR poor in EE — IC 18/8  
 7185 0430 ??? VOA fair in Croatian with EE ID at s/off 0500 — RP 31/7  
 0525 STH AFRICA, R Sondergrense fair in Afrikaans, best on USB — IC 30/7  
 7195 0625 MOROCCO, VOA vgd EE, comm on Dem Rep of Congo, ID 0628 - KAB 16/8  
 1931 THAILAND, HSK9 in EE good with news about Thailand — KAB 13/8  
 7210.2 0557 BENIN, R dif Du Benin s/on with guitar, anthem and Afro drum beats at 0601, Cotonou and Benin both mentioned — DN 5/8  
 7230 0620 UK, R Japan relay fair in EE with regional news — KVB 15/8  
 7255 0510 NIGERIA, V of Nigeria good with Afro music in EE — KAB 5/8  
 0617 NIGERIA, V o Nigeria fr EE comm, pr modul, 0628 drums, 0630 ID - KVB 15/8  
 7260 1930 ??? VOA v good in EE with VOA News Now — RP 9/8  
 7295 1040 MALAYSIA, Radio Four, RTM good in EE with pop music prgm and ID - LM 30/8  
 7445 1100 TAIWAN, V of Asia with fanfare ID, EE freq sched and commentary, gd - LM 8/8

#### CONTRIBUTORS FOR THIS MONTH

DN — Dave Norrie, Auckland, AOR 7030, T2FD, 25m longwire with balun, 12m vertical : IC — Ian Cattermole, Blenheim, JRC NRD 535, T2Fd and Alpha Delta antennas: JSB — Jon Standingbear, California, USA, JRC NRD 345, Longwires and dipole : KAB - Ken Baird, Christchurch, R5000, ATS 909: 15m wire, Eavesdropper: KVB — Kevin Brayshaw, Levin, Collins 51J4, 3MHz Loop & 5MHz dipole : LM — Leigh Morris, South Australia, R8A, AOR 7030, longwires, beveridges : PRP — Paul Peacock, Blenheim, Sony 6800, SWListener : PWO — Paul Ormandy, Oamaru, SPR4, numerous dipoles and long wires : RP — Robert Park, Lower Hutt, R1000, 40 ft wire.

Contributions to this column may be sent to PO Box 3011, Auckland or K A Baird, 10

Sarabande Avenue, Christchurch, 5. Ph: +64 3 352 6455, FAX: +64 3 354 1347, e-mail to [ka.baird@xtra.co.nz](mailto:ka.baird@xtra.co.nz). Thanks to all the contributors for this month. 73's, Ken Baird

## bandwatch.over9@radiodx.com with Andy McQueen

Hello from Trentham, the best part of Upper Hutt the biggest city in the North Island Last month I asked the question what is NZ's biggest city in terms of physical size? And the answer is **DUNEDIN** according to the NZ Official Year Book. But there hasn't been many contributions from Dunedinites this century How about it? And now a special birthday greeting to our regular contributor Kelvin Brayshaw who turned 70 earlier this month. Congratulations Kelvin I hope you got some venison and broccoli in your birthday dinner. All times UTC.

#### KHZ TIME COUNTRY STATION & PGM DETAILS INITIALS

9400 1915 BULGARIA R Bulgaria Fair in EE with pgm about people behind the news and song of the week //11700 poor AMQ  
 9475 0300 EGYPT R Cairo Poor in EE with Mx and Talk Id at 0320 7/8 #RP  
 9495 0232 SWEDEN R Sweden Fair in EE with "60 degrees North" Id at 035 24/8 KVB  
 0242 Strong signal in EE with pgm '60 degrees North' 18/8 CC  
 9495 1000 USA WHRI Good in EE with Gospel Music pgm 10/8 #RP  
 9505 0400 CUBA RHC Fair in SS Id 0412 & 0430 2/8 RP  
 9525 1930 USA VOA Good in EE with report on study of Bottle Nose Dolphins 2/9 AMQ  
 9555 2145 SAUDI ARABIA BSKSA Good in Arabic general service w/ talkback show 4/8 IC  
 9560 0420 CANADA CRI Sackville relay Fair in EE with co-channel QRM from VOA 14/8 #RP  
 9575 2140 MOROCCO R Medi Un V/good in French 4/8 IC  
 9605 0250 VATICAN CITY Vatican Radio Fair/gd in EE with report on religious event 18/8 CC  
 9615 0855 BRAZIL R Cultura Good in Portuguese 21/8 IC  
 9615 1305 ALASKA KNLS Fair/good in EE with pgm 'On Stage and Screen' 13/8 CC  
 9635 0320 COLOMBIA R Dif Nacional Poor signal in heavy splash Female announcer with spoken pgm with nice instrumental music used as bridges. 23/8 PWO  
 9645 0330 BRAZIL R Bandeirantes Noted in the clear with fair signal String of ads for Sao Paulo and lively programming // 11925 fair — good 23/8 PWO  
 9650 0800 SOUTH AFRICA R Sonder Grense V/good signals in Afrikaans. Signs on at 0800 but couldn't confirm Id with talk and music. 12/8 #RP (The first time I have heard this station reported - Ed)  
 9665 0300 MOLDOVA VORWS V/Good signal in EE with Id at 0322 Letter from VOR shows Moldova as site of this frequency 14/8 #RP  
 9710 2025 ITALY RAI Fair in EE with LSB QRM // but 11880 suffers Bad QRMHJS  
 9740 1950 SINGAPORE BBCWS vgd in EE w/ Alistair Cooke's 'Letter from America' 2/9 AMQ  
 9765 0445 COSTA RICA REE Very good and clear in SS //9620, 9540 and 6055 all direct from Spain. The other Costa Rica frequency 6125 only poor BCM  
 9765 2145 CHINA CRI Fair with Arabic service after D/Welle signs off 19/8 IC  
 9780 2030 YEMEN Yemen Radio Good in Arabic 21/8 IC  
 1817 Moved up to 9781.8 with EE pgm at 1817 and Id. Fair signal with usual mix of talk and western music News headlines 1854 before returning to Arabic pgm Needs careful tuning on USB to avoid 9780 QRM BDC 18/8  
 9782.78 1859 YEMEN Yemen radio Sana. Fanfare from Brass Band and Id in Arabic Pgm



summary then local Music Fair signal 11/8 LMM  
 9835 0228 HUNGARY R Budapest Fair/good with Id in EE and other languages 18/8 CC  
 9840 1000 VIETNAM V of Vietnam Good in EE News then Id at 1020 10/8 #RP  
 9840 2145 SPAIN REE Excellent in English 30/7 IC  
 9855 2100 KUWAIT R Kuwait Good in Arabic 30/7 IC  
 9970 0259 GERMANY RTBF Belgium via Julich Fair in FF signing on & contemporary Mx. Id at 0300 as "Le Premiere" 24/8 KVB  
 9985 2000 NORWAY R Norway Excellent in Norwegian 10/8 #RP  
 10320 0355 HAWAII AFRTS Fades in around 0355 and strong by 0445 with Rick Dees Weekly Top 40 Carries News on the hour //12689 19/8 BDC  
 0405 V/Good in English Not Iceland as reported previously 20/8 IC  
 0526 Good signal with American Country Countdown 0543 AFRTS News 20/8 #PRP  
 10940.5 0605 ITALY AFRTS via Sigphella Scilly Very good signal in EE with country music pgm 20/8 #PRP  
 2045 Good in English on USB 16/8 IC  
 11510 1700 RUSSIA VORWS Good in EE at 1800 l/sig and more EE pgms BW  
 11560 1730 GUAM KSDA Good in EE with AWR pgm till full station S/off in EE at 1800 BW  
 11565 2200 USA R Taipei Int via WYFR transmitter in Florida poor but clear S/off 2300 BW  
 11570 1700 PAKISTAN R Pakistan Good in Urdu to 1900 also on // 15535 BW  
 11580 0400 USA WYFR Florida Good GG Station Id and Int/signal 0500 then EE to 0600 BW  
 11600 2000 CZECH REPUBLIC R Prague Good in EE //5930 Station Id at 2027 Also on at 2130 and in //15545 BW  
 11620 2100 INDIA AIR Bangalore In EE to the Pacific from 2045 to 2230 // 11715 BW  
 11620 2301 VATICAN CITY Vatican Radio Fair in EE with talk about a visit to Lourdes then interval signal and off // 9600 weaker 17/8 CC  
 11650 2000 CHINA CRI Also on // 11750 BW  
 11655 1744 HOLLAND R Nederland Strong in EE 'Newsline' pgm. ID // 7120 poorer 15/8 CC  
 11670 0400 GREECE VOA Kavala V/good in Arabic till closedown 0600 BW  
 11670 2100 MOROCCO VOA Good in Serbian to 2130 With EE at sign on and sign off BW  
 11675 1800 RUSSIA VORWS Also on //11510 BW  
 11675 2200 KUWAIT R Kuwait Good signal in AA // 15495 from 1800 to 2400 BW  
 11680 2130 GT BRITAIN BBCWS Fair opens with special "Calling The Falklands" after Bow Bells tuning signal. Is scheduled Tuesdays and Friday s only 18/8 BDC  
 11690 0919 CHILE Voz Christiana Good quality signal in Spanish // 11745 weaker 14/8 CC  
 11695 0000 USA VOA Greenville site poor in EE to Latin America S/off 0100 BW  
 11695 2130 AUSTRALIA R Aust vgd Indonesian to 2400 Noted at 2330 EE lang lessons BW  
 11700 0400 FRANCE RFI In FF to Africa to 0800 I noticed it has 3 min breaks before hour BW  
 11705 2100 FRANCE RFI Good in French to Africa to 2200 // 9790 BW  
 11709 0218 ARGENTINA RAE Very good in EE Tuesday — Saturday at 0300 into FF 2/9 BCM  
 11710 0245 ARGENTINA RAE Strong signal in EE with Id and talk about national hero  
 11715 1040 CANADA RKI relay via Sackville V/good in English, nx, commentary 31/8 AMQ  
 11715 1315 USA KJES Vado NM Very strong level in EE with usual long winded chants recitals and chorus Id at 1330 by young male "This is the KJES Vado from New Mexico 88072 USA" 30/8 LMM  
 11715 2100 INDIA AIR Alighrah In English and // to 11620 BW  
 11720 0840 NEW ZEALAND RNZI Good in English on this new frequency 31/7 IC

0900 V/good in EE with domestic National Program BW  
 11720 1700 PHILIPPINES Radio Philipinas Philippine svce relayed by VOA Poro to 1930 BW  
 1903 With EE News in pgm 'The Philippines Today' Closed abruptly at 1929 BCM  
 11725 0400 SPAIN R Liberty in Russian to close at 0500 BW  
 11730 2200 MOROCCO RFE Good opening with EE Id then in Serb/Croat to fade out at 2230  
 11734 2000 ZANZIBAR R Tanzania Zanzibar Fair Signal in Swahili with time pips Audible with some difficulty through to 2101 closedown 2/9 BCM  
 11740 1600 GREECE R Liberty via Kavala In Armenian to 1700 BW  
 11740 2130 IRAN VOIRI S9+ opening in EE with transmitter going on & off # HJS  
 2130 Good in English to 2230 //13745 BW  
 11745 0845 CHILE Voz Christiana Excellent in Spanish 10/8 IC  
 11745 1600 RUSSIA VORWS Good in French with Interval signal and Id Heard to 1800 BW  
 11750 2000 CHINA CRI Opens with V/good signal in Chinese to Europe //11650 BW  
 11760 2200 PHILIPPINES VOA Poor in English to fade out at 2200 // 11795 BW  
 11765 0602 SOUTH AFRICA BBCWS Relay from Meyerton Fair in EE with Item on reuniting Nth and Sth Korean families id at 0606 15/8 KVB  
 11765 2000 SRI LANKA D/Welle Trincomalee. GG pgm to 2200, noted also on // 11795 BW  
 11770 1600 MOROCCO R Liberty Good in Russian to 1700 BW  
 11780 1930 IRAQ R Baghdad Fair with News in English to 2000 BW  
 11785 1800 SAUDI ARABIA BSKSA Jeddah, Koran in AA to 1700 then local mx // 11710 BW  
 11825 0130 RUSSIA VORWS Fair in EE with News in brief. Item on Queen Mother 6/8 #RP  
 11850 1044 PHILIPPINES R Veritas Asia Fair in Unidentified Asian language Mx and spoken items. EE Id at 1125 and moved to 9615 kHz Poor 11/8 KVB  
 11920 0853 SINGAPORE NHK/R Japan relay Fair in JJ, ethnic & pop mx ID 0859 19/8 KVB  
 11990 1803 KUWAIT R Kuwait EE, pgm announcements Id and Islamic preaching 15/8 CC  
 12085 2100 SYRIA R Damascus Fair in EE with some QRM Id @ 213813/8 #RP  
 12095 0400 CYPRUS BBCWS V/good in EE with News and "The World Today" pgm 18/8 RP  
 13360 0347 JORDAN Jordan Radio & TV Good in AA # HJS  
 13362 0630 GUAM AFRTS Heard strongly past 0800 Thanks to tip from Paul Ormandy as freq was empty previous day 22/8 BDC  
 1030 DJ Nicole Riley with late 70' and 80's hits from Pink Floyd Music etc. 1150 CNN Radio News . At 1155 Public Service Announcement. 1200 Id in EE " Your listening to American Forces radio" Strong Signal 29/8 LMM  
 13610 2120 SYRIA R Damascus Fair in English 19/8 IC  
 13670 1312 SOUTH KOREA RKI Seoul Fair in EE with News // 9570 not so clear 3/8 CC  
 13695 0525 USA WYFR Fair /good in Arabic with familiar hymn 14/8 CC  
 13745 2201 IRAN VOIRIB Very good in EE with talk about Islam in Iran Id 2205 the talk of the influence of Hollywood movies on image of Islam. News Headlines at 2227 2/9 BCM  
 13749.6 2200 COSTA RICA University Network with Dr Gene Scott in clear after Cuba closed Mild het from China on 13750 BCM  
 13750 2107 CUBA Radio Habana Cuba with 'Dxers Unlimited' hosted by Arnie Coro threatening a major geomagnetic disturbance Best on USB to avoid Costa Rica on 13750 Changes to FF at 2130 BDC 2/9  
 13755 0529 CANADA RCI Fair to strong with Id in EE & FF then French pgm 14/8 CC  
 13800 0536 NORWAY R Denmark Peaking between fr & strong, Danish talk pgm 14/8 CC  
 15050 0333 COSTA RICA RFPI Good in EE HJS

15084 0338 IRAN VOIRIB Very good in unidentified language HJS  
 15160 2031 ALGERIA R Algiers Int. Good in EE as is 11715 French and Nth Africa pops till end at 2059 with Id and Stn information and address 1/9 BCM  
 15180 2025 PORTUGAL RDP Very good in Portuguese 25/8 IC  
 15220 2015 SWITZERLAND SRI Good in EE with item on trade Much QRM HJS  
 15225 2215 GUAM AWR Fair/Good in Indonesian HJS  
 15240 2050 ITALY RAI Good in Portuguese to Africa # HJS  
 15250 0120 SRI LANKA VOA relay Colombo Fair in EE with discussion on the campaign styles of Bush and Gore KVB  
 15250 0400 ROMANIA R Romania Int Strong in EE, slight co-channel QRM from RAI# HJS  
 15285 2130 SWEDEN R Sweden Good in EE with 60 degrees North # HJS  
 15285 2030 SPAIN REE Excellent in EE with press review # HJS  
 15310 0345 OMAN BBCWS Good in EE // 17790 via Thailand HJS  
 15355 0300 OMAN R Sultanate of Oman Fair/Good with one hour EE pgm # HJS  
 15400 2145 ASCENSION ISLAND BBCWS Good in EE to East and South Africa HJS  
 15425 0204 SRI LANKA R Sri Lanka Asia service Fair in EE with nx and Sport. ID 0204 6/8 KVB  
 15470 2095 CANADA RCI Good in English HJS  
 15505 2100 KUWAIT R Kuwait Excellent in Arabic with News S9+ HJS  
 15585 0900 SPAIN REE Very good in Spanish 8/8 IC  
 15585 1920 GT BRITAIN World Beacon Good in English via Skelton relay #HJS  
 15650 2200 GREECE V of Greece Strong in Greek ex 11645 HJS  
 15965 2200 USA WYFR Good in Spanish with religious pgm Id at 2236 // 15715 HJS  
 15745 2145 USA WEWN Poor/ Fair in EE with discussion pgm HJS  
 15760 2115 KOL ISRAEL Good in Hebrew to Nth America // 11585 Fair #HJS  
 17725 2015 LIBYA V of Africa Tripoli Clock chimes and pgm in AA then at 2030 Fanfare and Id in EE "This is the V of Africa broadcasting from the great jamahiriya" News with anti American bias Fair signal with badly modulated audio 27/8 LMM  
 17790 0111 SINGAPORE BBCWS Fair in EE with report on Bush fires in Idaho and mentioned Aus/NZ input. Id at 0113 13/8 HJS  
 17790 0330 THAILAND BBCWS gd EE Prior to 0300 via Singapore, after 0600 is Oman HJS  
 17815 2300 ROMANIA R Romania Int. vgd in Romanian to L America ex 17745 // 15365 HJS  
 17840 1000 INDIA AIR Fair signing on in EE at 1000 and Id at 1015 Some QRM from 17845 D/Welle 5/8 #RP  
 21455 0504 ECUADOR HCJB In USB mode with Id in EE and radio drama Fair to gd 3/8 CC  
 21560 0800 SOUTH AFRICA Sth African Amateur Radio League Fair in EE with talk about Amateur Radio Id 0815 Some QRM from NHK/R Japan 9/8 #RP  
 21570 0520 JAPAN NHK/R Japan Strong in EE with talk about Pakistan Nuclear Tests 3/8 CC  
 0655 Fair in EE with item on Okinawan culture Into JJ at 0700 Id at 0659 16/8 KVB  
 21670 2101 JAPAN NHK/R Japan V/good in EE with news of Japans bid to join UN Security Council 2/9 BCM  
 21740 2155 ECUADOR HCJB Excellent in SS with good Id at 2200 4/8 IC  
 21735 0155 GUAM? AWR Poor/Fair in signing on in EE and then into CC Id at 0158 6/8 KVB  
 21755 0900 NORWAY R Norway V/good in Norwegian with Id at 1030 10/8 #RP  
 21790 0525 RUSSIA VORWS Fair in EE with Focus on Asia/ Pacific Id @ 0530 CC  
 21815 0427 COSTA RICA RFPI Noted closing in clear on USB this day nearer 0400 other days contrary to published sign of time Audible all day from 1900 peaking to fair level but

generally poor 18/8 BDC

Thanks very much to all this month's contributors. A # mark indicates a report has been sent to the station. New contributors are most welcome. You can contact me either via P O Box 3011 Auckland or direct to me via the Email address above or by post to 36A Brentwood Street Trentham Upper Hutt. 73's Andy McQueen

### Shortwave Exchange

AMQ Andy McQueen Trentham Sony 6800 & 40m long wire / BCM Bryan Clark at Matapouri Bay Northland with AOR 7030+ and 27 metre random wire / BDC Bryan Clark Mission Bay Auckland AOR 7030 and Alpha Delta Sloper / BW Barry Williams Blockhouse Bay Auckland / CC Cliff couch Paraparaumu Sangean ATS 803A with 60 m horizontal loop/ HJS Jack Searle IC Ian Catermole Blenheim JRC NRF535 T2FD Alpha Delta / KVB Kelvin Brayshaw Levin (where the deer play with the broccoli) FRG7 Sony ICF 2001 Collins 51J4 3 & 5 MHz dipole & 40m horizontal loop / LMM Leigh Morris Morphet Vale Sth Australia Drake / PRP Paul Peacock Blenheim / PWO Paul Ormandy Oamaru RP Robert Park Lower Hutt Kenwood R1000 40 foot long wire.

### utilities@radiodx.com with Evan Murray, Auckland

Welcome to our over 9MHz Editor, Ken Baird, who has been doing some utilities logging while short wave band conditions have been poor. Thanks Ken.

We have added to our collection of books regarding aero logging and now have Selcals 2000, Air Traffic Control and International Air Band Handbook. All we need to have a comprehensive library is some En Route Charts and Waypoint Lists - these will be hander to lay our hands on. Members who are interested in Utility monitoring are advised that contributions should be snail mailed to 14 Kia Ora Road, Birkdale, Auckland or emailed to varisian@ihug.co.nz. Loggings -

2207 0616 Rarotonga radio with WX then calling ships. Calls on 2182 first at 0615. PC  
 2524 0801 CMR 466 closing down. Ship calling for Southport Coastguard. PC  
 2749 0820 Halifax Coastguard radio. Positions of fishing gear and other commercial fishing info. In English and French. At 0825 This is Halifax Coastguard. PC  
 3336 2020 DOC conversation arranging drop off for Hilux vehicle for man coming out of the bush. PC  
 3345 0745 Central North Island radio closing till 7.30 pm tomorrow. PC  
 3366 0748 Local NZ trawler boats with talk of weather and lack of wind. PC  
 4620 0815 Australian Coastguard OM "Safety tackles". TL  
 5592 2002 Milford radio gives WX to unid flight. JC  
 5643 1032 Auckland/NZ 184. EM  
 5643 1034 Hawaiian 466/Nadi. EM  
 6224 0623 Yacht bound for Nuie reporting to Akaroa Cruising Club that GPS failed after taking several waves over the stern. PC  
 6270 0535 NZ Marine Station 02 talking about WX to Eagle 1. PC  
 6419 0930 Unid signal like computer in action. TL  
 6501 0945 Comsta Point Reyes. OM with WX to East China seas 40 nm USCG TL  
 6501 0945 Miami Coastguard. OM with WX. TL  
 6504 0958 Melbourne radio. WX Australia and Tasmania S4. TL

6532 1052 Tokyo/NW 75 requesting FL 380 due turbulence code 3. Remain 360 until reaching 22N then climb to 380. SC CEAK (B742 N622US) NM

6532 1058 Tokyo/JAL 80 estimate 36N 10E at 1152. SC EPHQ (B747 JA8085) NM

6535 0452 KL:M 795/Dakar. Contact Recife. JC

6535 0458 Sal/Speedbird 211 and Springbok 211 give positions. JC

6628 0701 Santa Maria/Springbok 01 32N 50W. Call on 8825. NM

6637 1048 Miami/Giant 54. Message to Atlas Air departed Mexico City 1015/38 ETA Los Angeles 1339. SC FGCJ (B747F N512MC) JC

6720 0535 NZ Marine station 02 talking to Eagle 1 about the WX. PC

8176 0623 Birth Control/Townsville. Go ahead. NM

8726 0950 Pianio keys stopping and starting every 2 minutes. TL

8754 0345 NMN USCG Chesapeake WX North Atlantic Gulf of Mexico. ID 0400. NM

8825 0530 Springbok 201/Santa Maria. EM

8855 0710 Bogota/Continental 94. We are approaching Bogota FIR 50 miles South of MTU at FL 310 (MTU is Mitu on river Vaupes, Colombia) JC

8867 2123 Auckland/Cathay 107. Position and SC check. KAB

8867 2011 Nadi/Kiwi 267. We have an open exterior hatch at 183.74S 172E. Request direct to Tontouta at 8000. We will require parking refuel and flight planning. No emergency services required. NM

8867 2013 Kiwi 267/Nadi. From Control can you make Vila by 2200. NM

8867 2014 Nadi/Kiwi 267. Affirm Vila can remain open for further 6 minutes. Require fuel flight planning services. NM

8867 0648 Brisbane/Qantas 48. BJ

8879 2018 Shanwick/Speedbird Concord 4. SC check. JC

8879 1534 Beira/Luffhansa 8497 Johannesburg - Nairobi. SC ACEP (MD11F D-ALCA) JC

8879 1939 Mumbai/Cargolux 790 Abu Dhabi - Kuala Lumpur SC JSEP (B747F LX-ICV) JC

8894 0420 Algiers/GCB 577 (Lignes Nationales Aeriennes UnaCongo) IL 76. JC

8894 0514 Niamey/Mozambique 702. Maputo-Lisbon. Position and FL 390. JC

8894 0514 Niamey/UN 8041 maintaining FL 280. JC

8894 0437 Algiers/Angola 238. Position. JC

8903 0442 N'Djamena/Unid B 707. ETA N'Djamena 0611. JC

8903 0443 N'Djamena/MKS 201 (Pimichikamac Air Ltd Canada) JC

8903 0437 Lubumbashi/Springbok Unid. Weak but position Lubumbashi. JC

8903 0429 Unid Kinshasha-Brazzaville. JC

8903 1012 Naha/NW 25 FL 290. Call Manila 13300. KAB

8903 0459 Kinshasa/UKS 2795. Position MKF 0452 (Avalux Ukraine) JC

8906 0737 Santa Maria/LDF 9906 (Iris Aero Flight Russia) BJ

8921 0450 Medialink London/Speedbird 68. Medical emergency. Advice on injection to be given to passenger. Is CPR still being administered? BJ

8930 0427 Stockholm/NW 34 Position. SC check unable to hear. KAB

8930 2006 Stockholm/Emery 711 Message to Operations Dayton Ohio. We are operating under callsign Reach 17 Departed Signonella 2012/22 Estimate Rota Spain 2312. SC CFDE (DC8F N791FT) JC

8930 0455 Stockholm/Midland 72. Phone patch to our company. We are off the blocks 0450. 27 Pax on board. I will forward message. NM

8952 1100 Tokyo/Malaysian 92. Tokyo-Los Angeles Estimate 40N 160E 1159. SC BJGR (B747

9m-MPH) NM

8983 1006 Camspac/CG Rescue 1714. ETA Andrews 1200. Can you get them to arrange Customs and Agriculture? NM

8992 0937 Yakota/Reach 9742. We are NE of the field. Will approach on a direct line from NE. ETA 1045. Please do a radar sweep and advise WX. Visibility 5 miles thunderstorms. NM

100181944 Kabul gives traffic to Lahore. JC

100181455 Karachi/KLM 471 estimating RK (RahimYar Khan VOR DME) 1609. SC DKAJ (B747-200 PH BUL). JC

100691805 Olympic overhead Frankfurt. JC

100722050 Air NZ Dispatch/NZ 101. We have a medical problem with a passenger. Need PP to a doctor. We have contacted Pacific Air Ambulance.

100722050 NZ 101/Pacific Air Ambulance. We are having problems. Go ahead with your question. A passenger had an angina attack e boarding and now has had another. He has been on oxygen for 25 minutes. Has been using spray under tongue. Has requested aspirin. Can we have approval for this. Approval given for half an aspirin and keep using spray under tongue every 5 minutes. NM

100721011 Air NZ to Christchurch and Wellington. Grey and black sports bag probably left in airport. TL

100750432 Cedar Rapids/AN 906 asking to have position report relayed. BJ

101180916 RMP Kaliningrad Russia Naval. In CW. TL

10160 0918 Cairo Mena news break. TL

100961805 Olympic 274 overhead Frankfurt. JC

111751044 Sumo 35/Sumo Base. Sumo 33 is about half an hour ahead of you. JC

111750434 Reach 41. Negative cargo. One passenger. BJ

112440444 Elmendorf. Coded message. BJ

112561934 Holloway/Ethiopian flight advises on ground Marrakech Morocco. JC

113000434 Cairo/Yankee Kilo 606. BJ

113001458 Sanaa/Unid calling. EM

113060755 Lima/American 911, 955, 948 SC BGAD (B767 M334 AA) BJ

113660610 Rio/Unid. Varig Uno Dois Dois Quattro (One two two four) EM

113840746 San Francisco/Unid. Secondary 4660. EM

113660543 Rio/Varig Dois Tres Dois (Two three two) LDOC. EM

113961015 Speedbird 10/Perth. SC CPHM (B747 G CIVW) EM

113961015 Bali/Speedbird 10 Estimate Anoxa 1035 FL 350. EM

113961017 Bali/Qantas 51. EM

113960958 Perth/Brunei 577. EM

113961051 Bali/Ascot 3531 Position Takep FL 350 SC DJAE (Tristar ZD 953) NM

113960550 Unid calling Manila. TL

129550930 Radio Vladivostok UFL in CW S3. TL

131550909 Unid maritime. YL in French. TL

132820430 Honolulu Volmet. WX Honolulu Oakland and San Francisco. KAB

132881513 Mumbai. Active including Reach 8F7. JC

164200119 Perth radio VIP. Tropical storm warning and priority gale warning all areas. NM

168110100 CBV Valparaiso WX broadcast RTTY Sitor A. BM

179041700 San Francisco/Husky 77 with position. JC



219852240 San Francisco Aircraft calling spell your call. Caleb 69 at 14N 161E. NM

Thanks to contributors for some good catches and a welcome to new friends. JC John Charlton, Greymouth, Kenwood 5000 and 30m wire - BJ Basil Jamieson, Oamaru, Drake R8, Kenwood 5000 and 30m wire - NM Neville McKenty, Napier, NRD 545, Icom R70, 60 foot sloper, Wave Listener and Discone - PC Peter Chambers, Napier, Drake R8A, 55 foot vertical, mobile amplifier, 6 foot van whip - TL Tony Lowe, Masterton, Philips 2935, Sangean 818CS, 15 foot 8 inch dipole, scanner aerials, 2 whips - BM Bill Mannix, Pounaweia, South Otago, FRG 100, M400 V2 decoder, Epson printer, 60 m wire, Alpha Delta Sloper - KAB Ken Baird, Christchurch, Kenwood 5000, 15m wire - EM Evan Murray, Auckland, Kenwood 5000, T2FD, 30 m wire

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## broadcast.dx@radiodx.com with Paul Ormandy, Oamaru

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Hi all, by the time you get this the Vernal Equinox, around the 25th of September, will be blessing our dials. It also coincides with a low A-index, a prediction based on the A-index levels for August and using the solar rotation of 27 days, actually the low point should occur a few days before the Equinox. And that crystal-ball glazing has also fixed the 18th-23rd of October as the date for Peter Chambers and myself to spend 5 nights at Waianakarua!

And conditions are showing some signs of warming up... on the 7th August Peter Chambers rang to report an Argentine on 1670kHz. I quickly fired up the Drake and also heard a station there but Peter was certainly hearing them better than me... and there were X-band Yanks on 1640, 1660, 1680 & 1700 as well...

Please read David Ricquish's contribution and send in your top channel/QSL table next month!

**Sutton Burtenshaw, Hamilton** "Reports away to 1YZ, 1XW, 1ZW, WCR 1107, Ruia Mai 1179, 2XA, 1ZO, 4XS, 4XL, 4XC and R. Sport 792. Veries in from Rhema 855, 88 Country, 1YZ, 1ZW, 2XA, with ppc from 1XW. The parallel 59m ground radial is picking up mostly city hash. Any broadcast signal although slightly enhanced is mostly lost in the resulting noise. No US signals heard yet. Just OZ & NZ. Will keep listening." *Conditions for the US haven't been that great Sutton so don't despair!*

**Arthur de Maine, Plimsolietown,** "My contribution to the September Broadcast section - received a QSL back from 2ME 1638" *Hey! That's one more than me!*

**David Ricquish, Wellington** "Your article on Bill Woller's most QSL'd channel inspired me to come up with my own Top 10 list. Maybe we could have an interesting new section in the DXT (covering both SW and MW): Members simply list their Top 10 QSL'd channels, and pick their best QSL from each channel. My Top 10 channels and best QSLs are:"

- |     |      |         |  |        |
|-----|------|---------|--|--------|
| 1.  | 1570 | 12 QSLs | 5LC Leigh Creek, SA  | 50w    |
| 2.  | 1080 | 11      | 4MI Mt Isa, QLD  | 200w   |
| 3.  | 800  | 10      | CHAB Moose Jaw, SK   | 10000w |
| 4.  | 990  | 10      | 8GO Gove, NT   | 500w   |
| 5.  | 1440 | 10      | AFKN, Kunsan, S.Korea  | 1000w  |
| 6.  | 620  | 9       | ZK2ZN, Alofi, Niue   | 200w   |
| 7.  | 900  | 9       | CKDH Amherst, Nova Scotia                                    | 1000w  |
| 8.  | 960  | 9       | CHNS Halifax, Nova Scotia                                    | 10000w |
| 9.  | 1130 | 9       | KRDU, Dinuba, CA   | 1000w  |
| 10. | 1260 | 9       | Canterbury Broadcasting Company Christchurch test (only QSL) | 90w    |

David continues - "Just completed my second database - stations 'heard' but no QSL received. Came up with just 190 stations. Gee, there're some great catches! Only 1 Hawaiian never came back: KIPO 1350. Revised QSL database came up with 772 QSL's (7 less than I thought I had, damn!). The next statistic gives me some hope: QSL rate is 80.2% over 30 years of DX. Much higher than I thought it would be. Have to recalculate Continents Listing now and figure out where the 7 'missing' went from! Of the 190 not QSL'd : 75% (142 stations) are located in just 6 countries (USA 35%, AUS 13%, NZL 10%, CAN 7%, MEX 4%, CLM 3%, PHL 3%) and, 25% (48 stations) come from a wide variety of 36 countries. So, if I ignore DXing USA stations for a while, I can probably generate enough QSL's to rekindle the DX flame and build on the 80.2% QSL rate. Enough for now, I've got 4 reports to write tomorrow!" *Stats can be a good vehicle to implement targets.*

**Peter Chambers, Esk Valley, Napier** "A month of generally very poor MW propagation. Solar disturbances not helping things much no doubt. Power-line noise not bothersome most of the month. August 24 was the only night to show any Latin activity at all & poor at that. August 29 produced lively N. American reception, all X-band channels having copiable signals mid-evening but very fluttery and not exceptionally strong. Another solar disturbance started August 29th and may have kicked the N. American propagation into life. The night of August 30th however being very poor." *Peter has also been experimenting with aeriels, feeders etc at Nev McKenty's place to see if the local noise level can be stifled...*

**Paul Ormandy, Oamaru** "A trip to Waianakarua saw some good reception from North America but Latins were abysmal... logs were taken of WTAW 1620 and WGSR 1570. Past 0700 the band degenerated in almost continuous static which was a bit hard on the ears. No QSLs for a while now so better send a few follow-ups out! Following on from David's theme, here are my top ten channels and best QSLs" and 620 is the only freq to feature in both tallies!

- |    |      |         |                              |      |
|----|------|---------|------------------------------|------|
| 1. | 1580 | 18 QSLs | KLOU Lake Charles LA         | 1kW  |
| 2. | 930  | 17      | CX20 R Monte Carlo, Uruguay  | 10kW |
| 2= | 1320 | 17      | YVWP R Apolo, Venezuela      | 1kW  |
| 4. | 600  | 15      | KSJB Jamestown ND            | 5kW  |
| 4= | 1140 | 15      | KCSY Soldotna AK             | 5kW  |
| 6. | 620  | 14      | ABBS St Johns, Antigua       | 10kW |
| 6= | 1010 | 14      | LV16 R Río Cuarto, Argentina | 5kW  |
| 8. | 570  | 13      | WNAX Yankton SD              | 1kW  |
| 8= | 580  | 13      | WKAQ Puerto Rico             | 5kW  |
| 8= | 1460 | 13      | CJOY Guelph ON               | 5kW  |

### Merv Branks Trophy

Sutton Burtenshaw 11, David Ricquish 1, Arthur de Maine 1 more than Andy Gardner... [I saw that. CE]

### Trail Time

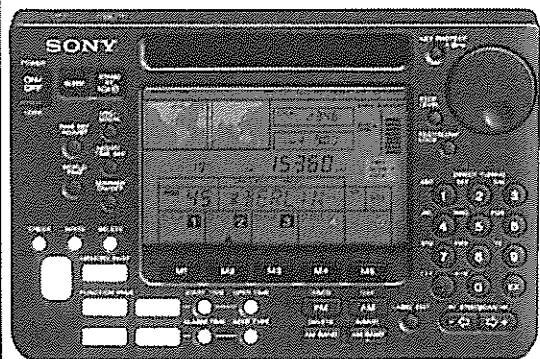
PC - Peter Chambers DXing from home at Eskdale using a55ft Tee vertical and Drake R8A. NM- Nev McKenty, Tamatea, Napier using the latest aerial "...creation from the Chambers Design Studio deep in the heart of Esk Valley...". POW - Paul Ormandy, Waianakarua, Beverages and Drake SPR-4

153 1323 RUSSIA R Rossii, Komsomolsk, good copy with mix of talk & music. Moderate static. Only audible LW signal at this time. PC

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<http://SONY.co.nz>

- 1070 0640 USA KNX Los Angeles CA, excellent w/weather and temps. Strong enough to be only lightly splashed. PC
- 1200 0600 USA WOAI San Antonio TX, gd w/id on hour "Your weather station 1200 WOAI" PC
- 1220 0654 MEXICO XEB Mexico City, "La B grande de Mexico" excellent w/id betwn songs. PC
- 1380 0520 CHILE CBT38 R Corporación, Santiago, present on 24/8 w/usual Spanish relig prog. Only fair on short peaks. PC
- 1520 0557 USA KOMA Oklahoma City OK, fair w/ids. PC
- 1570 0950 CKEG Nanaimo BC, (ex-CHUB) excellent w/"15-70 CKEG Nanaimo" id. Oldies music. Very strong signal dominant o/XERF 29/8. First noticed 0930 building massively to 0955 then very sudden total fade-out. Fluttery & best in ECSS. PC
- 1570 0931 CKEG Nanaimo BC, music prog of the 70's, vanished 1003, very good copy, bit of fading and loaded with static. NM
- 1570 0628 USA WGSR Fernandina Beach FL over XERF with "Music of Your Life" format, songs by Judy Garland, Pat Boone, The Carpenters etc... all local content w/ plenty ids. POW
- 1620 0458 USA WTAW College Station TX, up nicely with id then CBS news. Local ids also at 0505, 0508:45 and 0559:50. POW
- 1620 0625 USA WTAW College Station TX, "Coast to Coast AM" id at 0700. Then CBS news and id again 0706 and back to talk. Good signal on long peaks. PC
- 1620 0845 USA WTAW College Station TX prog "Monahan in Boston" on "Coast to Coast AM" followed by "Wildride" trucking prog. 0900 over-powered by Arabic speaker (2AM Caringbah most likely-ed). Fair copy while it lasted. NM
- 1660 1118 USA KXOL Brigham City UT, excellent strng signal but staticy. ID between songs. PC

- 1660 0840 USA KXOL Brigham City UT, no id heard but playing older style music, a very brief encounter. NM
- 1670 0700 ARGENTINA UNID w/orchest/class mx. Id w/mention of Buenos Aires. Fair on peaks. PC (has been a station relaying BBC Spanish from BA reported overseas-ed).

[broadcast.news@radiodx.com](mailto:broadcast.news@radiodx.com) with Bryan Clark, Auckland

**NEW ZEALAND** Newstalk ZB was to begin beaming into Rotorua on Monday 4 September, on new **702AM**. "The addition of Rotorua to the Newstalk ZB network offers Rotorua listeners and customers an exciting new programme choice," says TRN Chief Executive Kevin Malone. "This is a key step in completing our planned national coverage. By adding Rotorua coverage Newstalk ZB will now be heard in 12 cities." TRN Rotorua General Manager Lyn-Marie McFadden says ZB will work well in the market. "Comprehensive local information is as much a part of Newstalk ZB as the up-to-the-minute news and current affairs coverage," she says. (E-median Strip )

The Community Radio Network or CRN is headquartered at Lakeland FM Taupo. The 12 stations in the CRN group are Radio Waitomo, Te Kuiti — **1170**, Radio Forestland, Tokoroa - **88.5 1413**, King Country Radio, Taumaranuni — **1512**, Taupo's Lakeland FM - **96.7, 90.9**, Gisborne's ZGFM, Gisborne - **90.9, 90.1**, Wairarapa FM, Masterton - **90.1, 89.6** River City FM, Wanganui - **89.6**, Radio Marlborough, Blenheim - **96.9 1539, 1584**, Mid Canterbury's **92.5** ZEFM, Ashburton - **92.5 873**, South Canterbury's **99FM**, Timaru - **98.7 96.3**, Radio Waitaki, Oamaru — **1395**, Scenicland FM, Greymouth - **90.9 90.5 93.1 97.3 1287**. (Paul Frost / Mark Bramley CRN)

1XLR Hamilton **576** 2kw verified by friendly letter and Radio Rhema/Southern Star QSL card in 27d for taped report. V/S: Brian Fergusson, Programme Director. Address: 53 Upper Queen St., Private Bag 92-636, Symonds Street, Auckland. (Pat Martin OR via IRCA DX Monitor)

**CUBA** Radio Holguin "la nueva" began operating on **1500** in May, parallel to FM 96.1. (Alexeis Marrero Cruz of Holguin via WTFDA via Pete Taylor IRCA)

**FALKLAND ISLANDS** At Approximately 11.00am on 7 August, the Medium Wave transmitter owned by the Falkland Islands Government was clipped by a Tornado Aircraft. The mast was damaged to the extent that Medium Wave transmissions were knocked out. The aircraft was returning from a routine sortie over Stanley Airport shortly before the accident occurred. According to a Military spokeswoman the aircraft was returning to Mount Pleasant when it took evasive action in order to avoid collision with a civilian plane. She went on to say that Military authorities are investigating the accident and that the pilot and crew did not receive any injuries. There was some damage to one wing of the aircraft, however. (FINN, via MWC via IRCA)

**FJI** FBC's Engineering Department recently installed and commissioned a new Nautel 12 kilowatt AM transmitter for **558kHz** at it's Naulu Medium Wave transmitting station on the outskirts of Suva. The transmitter carries Radio Fiji 1 — other frequencies are Drasa (near Lautoka) **639**, Labasa (on the northern island of Vanua Levu) **684**, Sigatoka **927** and Rakiraki **1152**. Radio Fiji 1 One programmes are all in the Fijian Language, targeting an adult audience - 25 years and older. Hindi is carried on Radio Fiji 2 — AM frequencies are Labasa **810**, Sigatoka **1206** and Rakiraki **1467**. Noticeably absent is **774** — this appears to have been

replaced by FM 105.2. The FBC Engineering Department began with a 500 watts MW transmitter and one studio in early 1935. Today it has 12 transmitting stations housing 27 FM and 10 AM transmitters. (via <http://www.radiofiji.org> thanks to Paul Ormandy & David Ricquish)

**HAWAII** A callsign change for KISA Honolulu on **1540**, now KREA "Korea" (suggesting format is now Korean! Ed) (IRCA DX Monitor email 8/00)

**SOLOMON ISLANDS** SIBC's regional stations are: Radio Hapi Lagun, P.O.Box 78, Gizo, Western Province, 10 kW on 945, at 1900-1100 and 0300-0830 [sic], and R Temotu, Lata, Santa Cruz Islands, Temotu Province on 1386. The latter is off temporarily due to problems with their 5kw transmitter. (Maarten Van Delft via BDXC via DX Listening Digest via IRCA DX Monitor)

**PACIFIC MYSTERY?** Who is the station with an island type language on **1503** running pop music and woman announcer. Radio Sport is underneath. Heard at 0910 UTC August 12. (Patrick Martin, Oregon, USA)

### EXPANDED BAND REPORT (courtesy IRCA DX Monitor email 8/00)

1620 WRRR US Virgin Islands, an email from "DJ Wonder", station says the station is staying on 1290 and will not be go to 1620. (Pat Martin OR)

1620 KBLI Blackfoot ID is the newest expanded band station on the air. First noted 23 August by Larry Godwin MT. Heard with ID's for affiliates KECN & KICN only, then SRN nx.

1630 XEUT Tijuana Mexico verified with beautiful certificate, QSL letter, folders, stickers from Martha A. Marquez, Jefade, Radio Universidad UABC Radio, 233 Paulen Avenue, P.O. Box MSC 5163, Calexico, CA. 92231-2646 (Gary Jackson CA)

1630 92RED, La Plata, Argentina sent a beautiful full colour E-Mail QSL along with the jingle in WAV in about an hour after a follow/up. Full info, date, time, freq. QSL in SS. Report was sent in EE. V/S: Juan Marcelo Escande, Gerencia Tecnica. Address: [escande@red92.com](mailto:escande@red92.com) I am really pleased with this one. (Pat Martin OR)

1650 KGXL Torrance CA is changing callsign to KFOX.

1660 WMIB Marco Island FL granted a new callsign — WQRS.

1680 KAZJ Seattle WA are still deciding on whether or not to go through with move to X-band. I was told several months ago that they would be applying for KSEA but it hasn't happened yet. (Pete Taylor WA)

1700 WEUV Huntsville AL is new since 1/8, relaying WEUP 1600 with black gospel format.

1700 WEUV Huntsville AL verified my email report in 1 day. Address: [weup@hiwaay.net](mailto:weup@hiwaay.net) E Mail received from Steve Murry. (Pat Martin OR)

### STOP PRESS - TEST STATION FOR NAB CONVENTION

An application has been filed by Lucent Digital Radio Inc. for an experimental station on 1700kHz to "conduct an IBOC AM DEMO" during the American National Association of Broadcasters (NAB) Radio Convention on 1700 kHz. The NAB Radio Show will be held September 20-23 in San Francisco. Expect the station to test shortly before then, and for sure during those days. (via Fred Vobbe/Larry Godwin in IRCA's DX Monitor email 8/00)

### NORTH AMERICAN STATION CHANGES via IRCA DX Monitor 8/00

540 KKGQ Costa Mesa CA format was jazz//KJAZ, reported silent (will not return to air)

670 WSCR Chicago IL now here with sports "Score" ex WMAQ nx/sports.

840 CJXX Grande Prairie AB is moving to 93.1 FM about November. (Pat Martin OR)

870 WWL New Orleans LA now carries the Dave Nemo truck show.

900 CKMO Victoria BC is due on this frequency ex FM in September. (Pat Martin OR)

950 KJR Seattle WA start date for power increase to 50kw from KHHO site is now November 1. (Pete Taylor WA)

970 WLKY Louisville KY has requested new call letters WGTK.

1000 KFLG Bullhead City AZ format was country//FM, talk, now AS (standards format moves here from KBAS-1490, now KZZZ)

1100 KZPM Bakersfield CA appears to be on air with Spanish format with 4.2kw ND days, 800 watts D nights. Diplexing with KAFY-970. (Denis Gibson CA)

1160 KSL Salt Lake City UT now carries the Dave Nemo truck show.

WSCR Chicago IL format adult alternative // WXRT. Call goes to 670.

1240 CKGO Hope BC requests move to 100.5 FM.

1280 WADO New York City NY granted CP for increase to 50kw/7.2kw DA-2

1300 KKOL Seattle WA is still 5kw U2. Their options are to move XR to KLFE-1590 or KIXI-880 but they are having legal and technical problems. (Pete Taylor WA)

1320 KSDT Hemet CA format was oldies, reported silent (expects to return to air this fall).

1380 WKDM New York City NY was silent, to reactivate in September with Spanish news format (first New York all-news Spanish station).

1400 CKFL Lac-Megantic QU seeks move to 106.7 FM.

1410 KFVY Victoria TX has construction permit to increase night power to 740w directional.

1470 KLCL Lake Charles LA format was sports, now SGN black gospel.

WWBG Greensboro NC has CP for increase to 5kw day & night DA-2.

1490 KMET Banning CA format was sports, now JRN classic country.

1500 CKAY Duncan BC moved to FM as CJSU Sun FM on 89.7. (Eric Floden via Pat Martin)

1510 WLAC Nashville TN has added the Bozo truck show. (probably overnight. Ed)

1540 KISA Honolulu HI has change of callsign to KREA "Korean"

1580 KXZZ Lake Charles LA format now ABC black gospel ex R&B oldies.

1600 KBLO Blaine WA no construction yet but they definitely will be going on the air. They will be applying for different call letters. (Pete Taylor WA)

**DX TEST** WJNT Jackson Mississippi **1180** will conduct a DX test on Saturday 30 September at 0100-0200 EDT (0500-0600 UTC). They will run their daytime power of 50kw non-directional. Programming will be their regular talk programming (Coast to Coast AM), news at the top and bottom of the hour, along with Morse code IDs. Reception reports may be sent to: WJNT-AM, P.O. Box 1248, Jackson, MS 39215-1248. Attn: Stan Carter — Chief Engineer. E-mail: [email@wjnt.com](mailto:email@wjnt.com), <http://wjnt.com> (Arranged by Lynn Hollerman for the IRCA CPC.)

### HISTORIC CALLSIGN SIGNS OFF

Chicago's oldest radio station, where millions of fans turned the dial to hear "Amos 'n Andy" and "Fibber McGee and Molly" before television took over the night, signed off On 31 July 2000 for the final time.

On Tuesday, the 670 AM frequency WMAQ has held for nearly eight decades will become an all-sports station known as "The Score." Although WMAQ is based in Chicago, it was broadcast across the country. "When one of the top 10 call letters in the history of the medium goes dark, it's a strong signal that times have significantly changed in the industry," said Bruce DuMont, founder and curator of the Museum of Broadcast Communications in Chicago.

WMAQ's demise stems directly from federal regulations and the marriage of broad-

casting giants CBS Inc. and Viacom Corp. Federal ownership rules required that CBS subsidiary Infinity sell one of its eight Chicago radio stations. The company chose to get rid of a weaker frequency used by the sports station and move the sports station to the frequency held by WMAQ.

The station is all news now, but in its early years it was home to some of the most famous voices on radio. Even its call letters had meaning – We Must Ask Questions. They were chosen by then secretary of commerce and future president Herbert Hoover.

WMAQ began broadcasting on April 13, 1922, as WGU under the ownership of the Chicago Daily News and The Fair, a downtown department store where the original studios were located. Six months later, the Daily News bought out the store's share of the station and renamed it WMAQ. NBC bought it in 1931 and boosted its power from 250 watts to 50,000 watts, enabling the signal to be heard nationwide.

Under NBC's ownership, WMAQ became the home of some of radio's most famous stars: Red Skelton, Dave Garroway, Garry Moore and Hugh Downs among them. "Amos 'n Andy" premiered in 1928 and was broadcast each evening from WMAQ's studios. "Fibber McGee and Molly" followed in 1935.

"Those were the big ones," DuMont said. "Amos 'n Andy was probably the most important and most successful radio show of all time as far as a series is concerned." Over the years, WMAQ switched to easy listening and then country music, but news always played a major role, said political reporter Bill Cameron, whose 30 years at the station will end with the change.

"NBC News ran the local news department, and there was a big premium put on a professional approach to doing the news," he said. When the station was sold to Westinghouse in 1988, it changed to all-news programming, putting it in direct competition with CBS. Then, in 1996, Westinghouse and CBS merged. "We still competed to keep each other sharp, but it wasn't as keen as it was when Westinghouse didn't own CBS," Cameron said. Georgeann Herbert, who has managed the news operations of both stations for the past year, said all-sports WSCR was chosen over WMAQ to give the company one news station and one sports station, rather than two competing news stations. It will mean the loss of about 60 employees. In the newsroom, the mood has been glum, said Mo Whalen, a former reporter for WMAQ. News reporters bristled as WSCR workers came in for computer training and installed screen savers with photos of the new station's personalities.

"I kind of liked the fact that there were two news stations. One was a little more formal and one was a little less," said Whalen, who now runs a public affairs program for another radio station. Dave Sachs, a 47-year-old Union Pacific police officer from Chicago, has relied on WMAQ for quick news fixes for years. "That's all we need," Sachs said, a bit dismayed at the change. "Another sports station." (Associated Press via Kevin Redding via Pat Martin IRCA DX Monitor 8/00)

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**adcom.news@radiodx.com** compiled by *Bryan Clark, Auckland*

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**WELCOME TO NEW OR REJOINING MEMBERS:** MAURICE SMITH, 45 Ridge Street, Otumoetai, Tauranga and ROBIN SMITH, 121 Slacks Road, Palmerston North. Welcome back Maurice! Robin is new to our ranks but says he's been interested in shortwave listening all his life. He uses a Yaesu FT900 transceiver with multi-band inverted V antennas plus a 20mHz

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beam. Besides SW, he also tunes LW, MW and Utility bands.

**2000 ANNUAL GENERAL MEETING & DX OUTING** The League's AGM is scheduled for **SATURDAY 14 OCTOBER** at the Motu Moana Scout Camp, Green Bay, Auckland. Why not take this opportunity to meet with other members and radio hobbyists! The Cub Den has been booked for our use and you are welcome to stay 2 nights or just daytime visiting. The programme for the weekend is as follows:

**Friday 13 October** — Den open for arrivals from 1400. Keen DXers will arrive early to erect antennas and settle in for overnight DX sessions.

**Saturday 14 October** — Breakfast supplied.

1000 — morning tea followed by Discussion Forum on Antennas & Receivers.

1100 — Annual General Meeting commences.

1200 noon — Lunch supplied.

1300 — AGM resumes.

1500 — Afternoon Tea followed by Mini-Auction (please bring along any radio related items for inclusion).

1600 — Socialising or resumption of DX sessions.

1800 — Dinner supplied, followed by overnight DX session for the keen ones.

**Sunday 15 October** — Breakfast supplied.

1000 — Clean-up and depart by noon.

Cost - \$25 for those wishing to stay Friday & Saturday (including meals noted above).

\$10 for day visitors on Saturday (includes lunch). For catering purposes, please contact our Secretary EVAN MURRAY re your attendance, no later than 9 October. Evan's telephone number is (09) 483-9543, email [varisian@ihug.co.nz](mailto:varisian@ihug.co.nz). We look forward to seeing you there and sharing our hobby experiences and queries. Members from as far afield as Invercargill have indicated interest in being there — how about you?

**GOOD HEALTH GERM!** A special 'get well soon' message to longtime member and former National Secretary RAY CRAWFORD who is presently in hospital in Queensland. Hope you'll be home soon Ray — listening to radio can be quite therapeutic!

**FINAL REMINDER** If your subscription expired on 31 August 2000, you will need to forward your renewal promptly to ensure continuity. Please check your address mailing label to see if your membership is current.

**RADIO AMATEURS TO CELEBRATE 75 YEARS.** The NZ Association of Radio Transmitters will hold its 75th Annual Conference in Auckland during Queens Birthday Weekend 2001 (early June). The DX League plans to have an exhibit and manned stall at the Conference.

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## THE INFLUENCE OF THE INTERNET ON DX CLUBS

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League Treasurer PHIL VAN DE PAVERD reports that 36 percent of DX League members are now internet-enabled with electronic mail addresses. This percentage was much higher than the Administration Committee expected, though still way behind our colleagues at the Danish Shortwave Club International, which estimates that 76% of their membership have connections to the internet.

DSWCI Chairman ANKER PETERSEN attended the League's 50th Anniversary Celebrations 2 years ago, and last month he was present at the National Mexican DX Meeting in Oaxaca. Anker gave the following address in Mexico on 6 August, and we believe League

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members will find it of interest as we all contemplate the future of our SWL and DX hobby.

"I have been active DXer since 1957 and my main interest is to listen to domestic broadcasting stations in the tropical bands: 60, 90 and 120 metres.

I also attended the 4th National DX Meeting in Tehuacan two years ago and I am very happy to be able here to meet so many good friends again. Throughout these two years I have stayed in contact with some of you via electronic mail on the Internet. That brings me to one of the important aspects of my lecture, which is titled: The influence of the Internet on DX Clubs.

I am Chairman of the Danish Shortwave Club International which is 43 years old, so I hope you will permit me to use our experiences with the Internet when talking on this subject.

We have about 350 members who live in 42 countries in all continents of the world. During all these years we have published a monthly Club magazine in English, called Shortwave News (SWN). Thus we are without doubt the DX-Club with printed magazine with the most worldwide coverage.

With the introduction of the Internet, we began around 1993 to correspond via electronic mail with each other within the Board and Editorial Staff, and also with our members around the world. Since this is both cheaper and much faster than ordinary mail via the Post Office, this way of communication has expanded greatly especially during the past couple of years and we rarely use telephone or fax or send letters to each other any longer.

Our Chief Editor receives nearly all the pages from his sub-editors as attachments to e-mail, and since they are in digital form, it is much easier for him to put them into the magazine in the right layout.

At the beginning of 1996 the DSWCI began to use the Internet to publish weekly electronic DX-newsletters to our members. We called it the "DX Window" and it contained the best DX loggings and news on shortwave broadcasting which the members sent us via e-mail.

It was free of charge and was distributed to all subscribers as electronic mail. It soon became a big success, because our members received the hot DX-information while the stations could still be heard and several non-members soon joined as subscribers and sent us their loggings and news.

The bulletin expanded quickly, so we had to appoint a Chief Editor and some subeditors as specialists to take care of their specific regions of the world (Latin America, Africa, Indonesia, etc). It took many hours to edit and distribute each DX Window, so we had to share the burden by shifting the responsibilities between two or three DXers from week to week. Since the Internet is global, it was not a problem for us to have editors in Denmark, Germany, the Netherlands, Austria, United Kingdom, Taiwan and Honduras! That worked perfectly! For more than a year our Chief editor was doing his job from Taiwan receiving inputs from his co-editors in Europe and Honduras!

Today there are several similar weekly or monthly electronic DX newsletters available free of charge on the Internet. Some of them even issue extraordinary bulletins, if something special happens. Let me mention some of them that are edited, before they are sent out as e-mail to those DXers who have asked for them:

- § Cumbre DX, USA (which is also broadcast on certain SW stations)
- § DX Listening Digest edited by Glenn Hauser, USA (also broadcast on SW)
- § Numero Uno by Gerry Dexter, USA

- § Conexion Digital by Nicolas Eramo, Argentina with news from some of the best DX'ers in Latin America.
- § Bolefin Banda Tropical by Jorge Garcia, Venezuela
- § Chasqui DX by Pedro Arrunategui, Peru
- § Noticias DX by two DX Clubs in Spain with Pedro Sedano as coordinator
- § Broadcast DX by Wolfgang Bueschel, Germany (WWDXC Germany)
- § Jembatan by Juichi Yamada, Japan concentrating on Indonesian stations
- § Relampago DX by Takayuki Inoue Nozaki, Japan concentrating on stations in the Andes.

An even more advanced kind of distributing hot DX-information as e-mail via the Internet is the daily electronic DX-newsletter. Hard-core-DX issued by the Finnish DXer Risto Kotalampi from his home in California has more than 500 subscribers around the world and is the biggest of its kind.

In such cases, when a DXer sends an e-mail with hot DX news to a given address, it is immediately forwarded automatically to all subscribers without editing by the owner of the network. Thus every subscriber anywhere in the world gets the DX-news within minutes after it was sent from the sending DXer.

The second aspect of getting DX-information from the Internet is by searching or browsing the millions of home pages on the World Wide Web. In this case, the information is not sent to the individual DXer as e-mail, but he has to find it himself e.g. by using the browser programs from Netscape or Internet Explorer. The information is still free of charge, but he has to stay longer on the Internet to get it, thus the telephone bill will be higher than when receiving e-mail.

Most of the bigger international and domestic broadcasting stations have their own home pages, and you are often able to find their current frequency schedules and programme schedules there.

Many DX Clubs also have their own home pages, which contain a lot of information relevant for DXers. The home page of the Danish Shortwave Club International is at: [www.dswci.dk](http://www.dswci.dk)

A few other useful websites are:

- § The European DX Council: <<http://www.swl.net/edxc/>>
- § Links to radiostations around the world: <<http://www.radio-portal.org/>>
- § Latin American Music Styles: <<http://havana.iwsp.com/radio/lamusic/>>
- § Clandestine Radio: <<http://www.qsl.net/yb0rmi/cland/>>
- § Interval signals: <<http://home.clara.net/dkernick/>>
- § Actual Grey Line Map: <<http://dx.qsl.net/propagation/greyline.html>>
- § Solar Terrestrial Activity Report: <<http://www.dxlc.com/solar/>>

The third aspect of the Internet that I will mention is Real Audio. By using advanced technology, the broadcasting stations nowadays are able to transmit their radio programmes via the Internet. If the owner of a Personal Computer has the software required, he or she will be able to hear the radio programme in good quality directly in the loudspeakers of the computer, even if it comes from the opposite side of the Earth.

Many hundreds, maybe more than a thousand broadcasting stations in all continents can be heard via Real Audio today. Some Shortwave Listeners prefer this instead of hearing the stations on shortwave with all its disturbances. But remember again that the telephone bill will be high as you pay for every second being on the Internet.

Several international broadcasters have even reduced their shortwave broadcasts



for instance towards Western Europe, because they can be heard better nowadays via Real Audio or Satellite which often are distributed through our cable networks with perfect quality.

Earlier this year, when I edited the second edition of the DSWCI 'Domestic Broadcasting Survey', I made some observations which I wish to share with you concerning the still downwards trend in the number of active frequencies of Domestic Broadcasting Stations in the Shortwave Bands between 2200 and 5800 kHz.

During the period 1973-1997, 452 stations out of 1136 being on the air in 1973 disappeared from these SW bands or an average of 19 closing down per year. But in 1997-2000 the decrease has drastically increased to 212 stations or 71 per year!

There are still some 472 Domestic Broadcasting Stations to hunt for on the Tropical Bands and at the same time interfering broadcast and utility stations are disappearing. So do not give up your DXing on the Tropical Bands!

But pessimistic views indicate that most Domestic Broadcasting Stations on the Tropical Bands may have closed down by year 2007!

The biggest decrease in the number of stations using the Tropical SW Bands during the last three years was noted throughout Asia and in Southern Africa.

The main reason for this is that FM-networks are still growing in most parts of the world and replacing the need for shortwave transmitters. Today, the majority of Domestic shortwave transmitters can be found in developing countries with vast areas where it still is too expensive to establish a network of FM-stations that can cover the whole country.

I have just given you a quick introduction to what the Internet today offers to the DXer who have access to that from a Personal Computer at home or at work, or at a library or an Internet Cafe.

It is evident that the Internet as a new media is able to provide DXers with useful information much faster than the printed DX-bulletins.

But the Internet also offers so many other challenges to the user like surfing on the home pages or playing games, that he or she easily may find this more interesting than the traditional hobby of DXing.

Let me now speak about the core of the subject of my lesson: The influence of the Internet on DX Clubs.

At the annual Conference of the European DX Council which took place in Copenhagen, Denmark last November, the European DX-Club Representatives discussed this issue, but did not reach any conclusions. The question was raised: "Is there still a need for all the national and local DX Clubs in Europe, and for the European DX Council itself?" Somebody suggested that the clubs merge across the borders to be able still to publish printed DX bulletins.

I will use our experiences in the Danish Shortwave Club International as an example, but the situation is similar in many other DX-Clubs in the world.

First the failing interest for shortwave listening, especially amongst young people who are more attracted by the Internet and other challenges.

During the last several years, the DSWCI did lose about 25 members per year, but two years ago we lost 35 and last year it was 49. This is a serious development, so in April this year we issued a questionnaire to our members in order to analyze the situation. 75 members in 20 countries have answered the questionnaire, and I will now give you the results of that:

Those who answered had a span of age from 27 to 87 years. The average age was

52 while it was 49 at our survey two years ago. 95% of our members are above 30 years of age and 81% above 40. This again confirms that it is very difficult to attract younger people to our hobby.

Today 76% of our members have access to the Internet. Two years ago it was only 38%. It is fantastic to note that this number has doubled in just two years!

However, this new medium gives us much competition. First of all, it can offer so much information from all parts of the world and much entertainment, that the DX-hobby with all its disturbances becomes much less attractive.

Secondly, the time a DXer spends in front of his Computer cannot be spent in front of his DX-receiver. Thus in most cases, less time is devoted to DXing.

Thirdly, DX Clubs are competing on the Internet to bring the hot DX News, and several do that free of charge. For some DXers this is sufficient for their DXing, and they drop Club membership. Particularly our treasurer has noted the effect and we had a big deficit in our Club finances in 1999!

Our monthly magazine, Shortwave News, normally had 32 pages, but this year we have had to reduce every second edition to 16 pages in order to save printing and postage costs. You might ask: "Why do not cease issuing printed bulletins and just send out an electronic version? That would save a lot of money to printing and postage!"

Unfortunately, it is not that simple. 24% of our members have no access to the Internet and that equals to 82 paying members. We cannot just neglect them by ceasing printing SWN and only publish it via the Internet. Furthermore 11% have only limited access to the Internet.

In the questionnaire we asked them to mention their preferences on how the Club should provide them DX-information in the future. 37% of our members prefer a considerable increase in membership fee in order to get a SWN of about 32 pages, 12 times a year, but most will accept a mix of hot news via the Internet and some kind of a reduction in the publication of SWN. However, in their letters many warned us that publication of SWN only every third month would be too rare. It is remarkable that even amongst those with full access to the Internet two-thirds still want to receive the printed SWN. On the other hand, 19% wish to receive SWN only via the Internet for a lower membership fee and not in printed form.

About half of our members wish to receive a weekly news bulletin via the Internet (like the DX-Window) in order to get the DX-news before they get too old.

About half of our members also wish to be kept informed about new addresses of radio related homepages. This would be most relevant to publish on our home pages.

As a consequence of these results of our survey, the DSWCI Annual General Meeting in May 2000 decided to put all pages of "Shortwave News" on our home pages on the World Wide Web. Our members will then get a personal username and password, and then be able to read our members' bulletin via the Internet.

A special, reduced membership fee is now introduced for those members who just want to get SWN electronically via our Homepage and not in printed version.

#### Conclusions:

- 1) Electronic mail is replacing letters sent via the ordinary postal services.
- 2) Electronic mail is the fastest way to distribute DX-information. In extreme cases, you can get the e-mail while the new station is still broadcasting.
- 3) Digital editing of DX-bulletins is much easier than using the typewriter.
- 4) Most radio stations and DX-Clubs have their own home pages on the Internet.

- 5) Many radio stations broadcast in Real Audio via the Internet, which makes shortwave broadcasting old-fashioned.
- 6) Generally, the DX-information on the Internet is free of charge.
- 7) Most European DXers have access to the Internet.
- 8) A majority of these DXers spend more time in front of their Personal Computer and less time in front of their DX-receiver.
- 9) Several DXers find the free DX-information available on the Internet sufficient for their personal DXing and they quit paying membership in a DX-Club."

(Anker Petersen, Denmark, 26 August 2000)

Thanks to Anker for giving us permission to reprint his address to the Mexican DXers. Lets have your thoughts on what these conclusions may mean for the future for our hobby and organisation.

## branch.news@radiodx.com

### Auckland

August was AGM time again. Retiring as President, Daniel Bloomfield and Secretary, Evan Murray. These two gentlemen have contributed immensely throughout the 1990s and this year to promote the League through Sony, Dick Smith Electronics, TVNZ, Model-X and elsewhere. We have enjoyed many interesting visits to broadcasting and communications facilities around Auckland during these years, thanks to their efforts. They dedicated their services in every way possible. Replacing their briefly vacant seats are President, Tom Rushbrook and Secretary, Yuri Muzyka, long time members of the League.

Malcolm Holmes announced the next DXpedition weekend to Waipu Cove for 15-17 September which will coincide with the Sydney 2000 Games Opening Ceremony which may involve some TV QRM. Will listen out for any special test transmissions from Radio Australia. John Watson hoping to make it also.

Tom mentioned the U.S. Armed Forces Radio & TV Service (AFRTS) are making a comeback to shortwave with latest frequencies being given out on air.

Barry Williams mentioned a unique K9AY antenna design which has been getting a good mention lately on the internet (<http://www.wellbrook.uk.com>). The antenna comprises of 2 loops out of phase and ideal for LW and MW DX.

## marketsquare@radiodx.com

For sale - "Equinox" baluns, 9:1 ratio housed in waterproof box, standard PL259 UHF plug connection, easily converted for two wire of single wire aerials, designed for broad coverage i.e. 150kHz to 30MHz. Price \$40 shipped anywhere in NZ. Please order from Paul Ormandy, 33 Greta Street, Oamaru 8901, tel 03 434 5931, e-mail paul@radiodx.com

## TV/FM DX with interim editor "Yagi"

**NEW HAWKES BAY FMers.** Radio Hauraki is now broadcasting on 99.9 FM, while '98.3 Hawkes Bay' is also new. Radio Kahungunu was noted testing on 94.3 FM on 3 September, parallel to 765 AM. Regular schedule was to commence 4 September. Te Reo o Ngati

Kahungunu contacts include email: [TRIONK.Radio@xtra.co.nz](mailto:TRIONK.Radio@xtra.co.nz). Coverage of the station extends from north of Mahia to south of Porongahau. (Jack Searle)

**TAHU FM TO NETWORK SOUTH** The South Island's only iwi station, Tahu FM, is now networking its Christchurch programme into Invercargill on 99.6FM, with plans to also broadcast in Dunedin soon. Established in 1991, Tahu 90.5FM is owned by the Ngai Tahu iwi. (Direct)

**GUARDBAND NEWS** Another new guardband station has hit the airwaves in Auckland. Lonely Tree Radio is on 88FM in the One Tree Hill area, playing local music supplied as mp3 files and is non-commercial. You can contact the station at: [lonelytreeradio@yahoo.co.nz](mailto:lonelytreeradio@yahoo.co.nz).

Low-power Hamilton dance station Trip FM has closed as operator Colin Lowe heads overseas. However, station equipment has been sold to another party, says Lowe, and the station - or a new one - is likely to be re-established in Hamilton East the near future. (via Median Strip)

**YOUTH FM NETWORK?** The Culture & Heritage Ministry will report to the Broadcasting Minister "within the next month" with its recommendations as to if/when /how/why a state-run Youth Radio Network should be established. Those recommendations will include the results of an all-day forum in the Parliament Buildings involving a 'cross section of 40 broadcasters and young people', and the findings from the Ministry of Culture and Heritage's "research into the youth radio market and focus groups with young people". (via e-Median Strip) (Presumed any network would be allocated channels in the 101-108MHz FM range. Ed)

**RADIOWORKS EXPANDS** The country's second-largest private radio operator RadioWorks has said it will need to find "at least \$15 million" for new FM frequencies and is determined to secure frequencies in Auckland under the proposed 101-108FM band tender. RadioWorks wants to air its Energy FM outlet in Auckland. It has just purchased the Northland Radio Company which has 11 frequencies including KCC-FM and Magic FM. RadioWorks already operates Radio Pacific, Solid Gold, the Rock and The Edge, but only the former is already in the north. They now hope to bring one or two of their music stations to the region (E-Median Strip & Bryan Clark)

## English in Time Order with Yuri Muzyka

Time (UTC)	Frequencies (kHz)	Station Name	Station Country	Log Date	DXer Name
0000 - 0100	11695	VOA	USA	-	BW
0111 - 0113	17790	BBCWS	UK	13/8	HJS
0120	15250	VOA	USA	-	KVB
0130	11825	VORWS	RUSSIA	6/8	RP
0204	15425	R Sri Lanka	SRI LANKA	6/8	KVB
0218 - 0300	11709	RAE	ARGENTINA	2/9	BCM
0228	9835	R Budapest	HUNGARY	18/8	CC
0232	9495	R Sweden	SWEDEN	24/8	KVB
0242	9495	R Sweden	SWEDEN	18/8	CC
0245	11710	RAE	ARGENTINA	-	?
0250	9605	Vatican Radio	VATICAN CITY	18/8	CC
0300	15355	R Sultanate of Oman	OMAN	-	HJS

0300 - 0320	9475	R Cairo	EGYPT	7/8	RP
0300 - 0322	9665	VORWS	RUSSIA	14/8	RP
0330	17790	BBCWS	UK	-	HJS
0333	15050	RFPI	COSTA RICA	-	HJS
0345	15310, 17790	BBCWS	UK	-	HJS
0355 - 0445	10320, 12689	AFRTS	USA	19/8	BDC
0400	12095	BBCWS	UK	18/8	RP
0400	15250	R Romania Int	ROMANIA	-	HJS
0405	10320	AFRTS	USA	20/8	IC
0405 - 0430	6195	BBC WS	UK	26/8	KAB
0420	9560	CRI	CHINA	14/8	RP
0500	5975	R Japan	JAPAN	9/7	RP
0500 - 0600	11580	WYFR	USA	-	BW
0504	21455(USB)	HCJB	ECUADOR	3/8	CC
0510	7255	V of Nigeria	NIGERIA	5/8	KAB
0520	21570	NHK/R Japan	JAPAN	3/8	CC
0525 - 0530	21790	VORWS	RUSSIA	-	CC
0526 - 0543	10320	AFRTS	USA	20/8	PRP
0602 - 0606	11765	BBCWS	UK	15/8	KVB
0605	10940.5	AFRTS	USA	20/8	PRP
0617 - 0630	7255	V of Nigeria	NIGERIA	15/8	KVB
0620	7230	R Japan	JAPAN	15/8	KVB
0624	5935	University N/W	USA	5/8	KAB
0625 - 0628	7195	VOA	USA	16/8	KAB
0626	5825	WEWN	USA	5/8	KAB
0630 - 0800	13362	AFRTS	USA	22/8	BDC
0655 - 0700	21570	NHK/R Japan	JAPAN	16/8	KVB
0746	6350(USB)	AFRTS	USA	20/8	PRP
0800 - 0815	21560	Sth Afr Amat. Radio League	SOUTH AFR	9/8	RP
0805	6350(USB)	AFRTS	USA	16/8	IC
0810 - 0829	6185	R Mexico Int	MEXICO	5/8	KAB
0840	11720	RNZI	NZ	31/7	IC
0900	11720	RNZI	NZ	-	BW
1000	5965	BBC	UK	22/8	JSB
1000	9495	WHRI	USA	10/8	RP
1000 - 1015	17840	AIR	INDIA	5/8	RP
1000 - 1020	9840	V of Vietnam	VIETNAM	10/8	RP
1030 - 1200	13362	AFRTS	USA	29/8	LMM
1040	7295	Radio Four	MALAYSIA	30/8	LM
1040	11715	RKI	STH KOREA	31/8	AMQ
1100	7445	V of Asia	TAIWAN	8/8	LM
1305	9615	KNLS	ALASKA	13/8	CC
1312	9570, 13670	RKI	STH KOREA	3/8	CC
1315 - 1330	11715	KJES	USA	30/8	LMM
1650	6095	RNZI	NZ	14/8	IC
1730 - 1800	11560	KSDA	GUAM	-	BW

1744	7120, 11655	R Nederland	HOLLAND	15/8	CC
1800	11510	VORWS	RUSSIA	-	BW
1803	11990	R Kuwait	KUWAIT	15/8	CC
1817 - 1854	9781.8	Yemen Radio	YEMEN	BDC	18/8
1903 - 1929	17720	RNZI	NZ	-	BCM
1904 - 1905	3385	R East New Britain	PNG	21/8	KVB
1908 - 1909	4950	VOA	USA	21/8	KVB
1915	9400, 11700	R Bulgaria	BULGARIA	-	AMQ
1920	15585	World Beacon	GT BRITAIN	-	HJS
1930	7260	VOA	USA	9/8	RP
1930	9525	VOA	USA	2/9	AMQ
1930 - 2000	11780	R Baghdad	IRAQ	-	BW
1930 - 2130	6065	R Sweden	SWEDEN	13/8	KAB
1931	7195	HSK9	THAILAND	13/8	KAB
1950	9740	BBCWS	UK	2/9	AMQ
2000	6195	BBC WS	UK	26/8	KAB
2000 - 2130	5930, 11600, 15545	R Prague	CZECH REP	-	BW
2004 - 2005	6005	BBC WS	UK	6/8	KVB
2015	15220	SRI	SWITZERLAND	-	HJS
2025	9710(LSB), 11880	RAI	ITALY	-	HJS
2030	15285	REE	SPAIN	-	HJS
2031 - 2059	15160	R Algiers Int	ALGERIA	1/9	BCM
2040	7150	AIR	INDIA	18/8	IC
2045	10940.5(USB)	AFRTS	USA	16/8	IC
2100	11620, 11715	AIR	INDIA	-	BW
2100 - 2138	12085	R Damascus	SYRIA	13/8	RP
2101	21670	NHK/R Japan	JAPAN	2/9	BCM
2107 - 2130	13750	Radio Habana	CUBA	2/9	BDC
2120	13610	R Damascus	SYRIA	19/8	IC
2130	11680	BBCWS	GT BRITAIN	18/8	BDC
2130	11740	VOIRI	IRAN	-	HJS
2130	15285	R Sweden	SWEDEN	-	HJS
2130 - 2230	11740, 13745	VOIRI	IRAN	-	BW
2145	9840	REE	SPAIN	30/7	IC
2145	15400	BBCWS	UK	-	HJS
2145	15745	WEWN	USA	-	HJS
2200	11760, 11795	VOA	USA	-	BW
2200	13749.6	University Network	COSTA RICA	-	BCM
2200 - 2230	11730	RFE	MOROCCO	-	?
2201 - 2227	13745	VOIRIB	IRAN	2/9	BCM
2301	9600, 11620	Vatican Radio	VATICAN CITY	17/8	CC

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## NEW ZEALAND RADIO DX LEAGUE (Inc.)

The New Zealand Radio DX League (Inc.) is a non-profit organisation founded in 1948 with the main aim of promoting the hobby of Radio DXing. NZRDXL is a founding member of the *South Pacific Association of Radio Clubs (SPARC)*.

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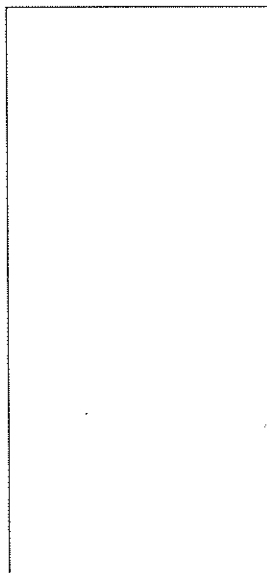
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