



# New Zealand DX Times



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## ABC Celebrating 70 years of Broadcasting in Australia

By Adrian Peterson  
AWR  
Wavescan

It was just 70 years ago that a dozen medium wave stations located in 10 cities in 6 states throughout the Commonwealth of Australia were formulated into a national network of government radio stations. That event occurred on 1 July 1932 and today they are celebrating their fabulous 70th anniversary with a whole host of special programs.

This is how it all began.

The first permanent radio station in Australia made its inaugural broadcast in Sydney on 13 November 1923 under the callsign 2SB. At the time, station 2SB was owned and operated by a small commercial company, "Broadcasters Sydney Limited". Their original callsign, 2SB, was derived from the initial letters of their ownership, Sydney Broadcasters, with the digit 2 indicating the state of New South Wales.

In anticipation of the inauguration of this new commercial radio station, test broadcasts were conducted from the station location on the rooftop of a newspaper company, "Smith's Weekly" and "Daily Guardian" in Philip Street, Sydney. The first test broadcasts were made from an amateur radio transmitter running just 10 watts under the callsign 2HP. A few days later, when the commercial transmitter was ready for action, low powered test broadcasts were conducted from this unit.

This first new radio station in Australia commenced a regular broadcast service with a flourish, and the inaugural live broadcast included local Sydney musical talent, both vocal and instrumental. One month later, an official inaugural ceremony was broadcast and this included a speech by the Postmaster General of Australia, under whose jurisdiction were all matters associated with wireless broadcasting.

Some three months after the initial commencement of programming over station 2SB, the callsign was changed to 2BL and this new callsign was also taken from their ownership name, Broadcasters Limited. This new callsign was taken in order to avoid confusion on the part of listeners because of the similarity in sound between 2SB and another medium wave station now on the air, 2FC.

Radio station 2FC was inaugurated as Australia's second wireless station about 3 weeks after the inauguration of the first station 2SB. Likewise, temporary accommodation



Contribution deadline for next issue is Wed 7th August 2002. PO Box 3011, Auckland

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was secured for this station on the top of another large building in downtown Sydney, the departmental store of Farmer & Company.

Soon afterwards, a large transmitter facility with tall antennas was installed at Willoughby, overlooking the beautiful Sydney Harbour. This location was in use for only 3 years, before an even more suitable location was secured, at the AWA transmitting facility at Pennant Hills, an outer suburb of Sydney.

As time went by, the interests of both stations, 2BL & 2FC, became intertwined, until they were amalgamated into one large broadcasting company with studios and offices in Market Street, Sydney. At first, the ownership was under the New South Wales Broadcasting Company, and then the Australian Broadcasting Company.

Finally, the Commonwealth Government took over and these two "A" class radio stations became the headquarters operation for the Australian Broadcasting Commission. Station 2BL is still 2BL, though in 1971, the callsign of station 2FC was changed to 2RN, standing for "Radio National".

Both of these pioneer radio broadcasting stations in Australia were involved also in shortwave broadcasting. The very first shortwave broadcasts in eastern Australia were made from station 2BL in February 1926, using the amateur transmitter 2YG, owned by station engineer Roy Allsop.

These shortwave relays originating from station 2BL were on the air spasmodically for a period of 3 years and they were then transferred to the sister station, 2FC. At this stage, the regular medium wave transmitter at Pennant Hills was re-tuned at night to a shortwave channel for this special shortwave programming.

As time went by, further changes took place and these shortwave broadcasts were taken over by AWA under the callsign VK2ME. At the commencement of the European Conflict in 1939, this shortwave service from Pennant Hills was taken over by the ABC as "Australia Calling", the forerunner for Radio Australia, and the experimental callsign VK2ME was regularised into VLQ.

Both 2BL and 2FC issued QSL cards in the early days and today these items are quite historic. One of these early QSL cards shows also the shortwave channel for 2FC, as 28.5 metres, corresponding to 10675 kHz.

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These two original commercial stations in Sydney became the headquarter stations for the Australian Broadcasting Commission on 1 July 1932, which is the big anniversary that the ABC in Australia is currently celebrating. At the time of the formation of the ABC, 12 medium wave stations were incorporated into the new government radio network. These stations were located in all six state capitals, though Darwin in the Northern Territory had no radio station of its own at the time.

In addition to the capital city stations, a further four relay stations in country areas were also absorbed into the ABC network, and these were:

- 2NC Newcastle, New South Wales,
- 2CO Corowa, in the border area between NSW & Victoria,
- 4RK Rockhampton, Queensland; and
- 5CK Crystal Brook in South Australia.

In addition to the 12 medium wave stations, the PMG department also operated an experimental shortwave station at Lyndhurst under the callsign, VK3LR. This transmitter took its programming as a relay from the two "A" class mediumwave stations in Melbourne, 3LO & 3AR.

The callsign 3LR was a combination of the callsigns of the two medium wave stations. The experimental callsign VK3LR was regularised just prior to the commencement of the war, as the more familiar VLR, though this station was closed a decade or two back.

Last month, I phoned the ABC in Australia for additional information regarding their 70<sup>th</sup> anniversary celebrations, and the receptionist girl at the switchboard gave the identification simply as, "702". This of course, is the frequency for their medium wave station 2BL. Today, the ABC operates a nationwide network numbering more than 500 AM, FM and shortwave stations throughout Australia.

One of the major 70<sup>th</sup> anniversary events is a historic broadcast with program input from the twelve original medium wave stations in the ten cities in the six states. Another significant event occurring on 1 July is the launching of the ABC's seventh radio network. This new network will be an Internet-only radio service featuring contemporary Australian music for the age bracket ranging from 30 - 50 years.

This article by League member Adrian Peterson was prepared for broadcast over Adventist World Radio's 'Wavescan' DX programme, to mark the 70<sup>th</sup> anniversary of the ABC — the Australian Broadcasting Commission — celebrated at the beginning of July.

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*(More information on the 70th Birthday celebrations can be found at the ABC Web Site <http://www.abc.net.au/70years/> or history of the ABC at <http://www.abc.net.au/corp/hist1.htm> Chief Ed)*



This month, I promised the Chief Editor that the column would be shorter. But it seems there's a lot happening and we've lots of fresh contributions again. The African SWL contest is now underway, the AWR Wavescan 2002 Contest is announced, old QSL cards from Manchuria and China arrive from Scotland, webradio in the USA collapses under the pressure of royalty payments, Don Reed of Christchurch gets mention in Japanese history book for DX reception in 1958, it's a year since the BBC stopped SW broadcasts to NZ, new utility weather stations on air in Australia, VNG gets more time on air, we take a look at the Art of Radio © and WJDJ 585 finally heard from American Samoa. Enjoy!

**Gian Carlo Panzeri, Milano, Italy** writes *I'm a serious radio and TV station sticker collector. I'm writing to ask if you have NZ radio station stickers for me and my collection or if you are a collector too, and would exchange stickers with me. Write to: via Achille Grande 2, 20040 Cornate d'Adda, Milano. Email: [gian.panzeri@tiscalinet.it](mailto:gian.panzeri@tiscalinet.it)*

Meanwhile, those who attended Convention 2002 in Oamaru will remember **Dario Monferini** also from Milan, who helped make the event sparkle. Dario tells us he's been busy traveling around Italy for the summer vacation.



**Paul Aronsen, Invercargill** sends the latest *Southland DX Digest* covering work at Tiwai, recent reception of WDHP 1620, US Virgin Islands, details of a Finnish Dxpedition which used aerials up to 1.1km long, and other DX news and catches.

From **Ken Baird, Christchurch** comes a cautionary note about a new type of DC power supply currently marketed in New Zealand by *Dick Smith Electronics*. Ken writes *Catalog items M9931 (4.5v, 1.2A), M9932 (6v, 1A), M9933 (9v, 800mA) and M9935 (12v, 700mA) on page 156 are all switched mode supplies and OK for MW reception, slightly noisy for FM but totally useless for SW reception as the noise level from the power supply drowns out any SW signal.*

I have a 6v one (M9932) which is useless except for the DC lead which I can put on another 12v supply. Keep to the traditional transformer types as detailed on pages 153, 154 of the Dick Smith catalog and you will get good results.

**Ian Baxter, Australia** drops a quick note to say *I've been doing a few SW DX reports over the past few weeks whilst things are quiet on FM. The African and Latin scene certainly isn't what it was compared to the early 1980's.*

An **Expanded AM Band Guide to Australia** is being completed and will be available for download from radiodx.com shortly within the next month. In frequency order from 1611 it lists all licences issued state by state and mailing addresses. Some of the licences have a restriction that will affect DX. If there are any reports of reception out of Australia, the station may lose its licence! We know they're narrowcast and for local reception, but this is taking bureaucracy too far.

**Tealu Moresi, Wellington** says *at the radiodx.com website, I read about an article celebrating the official beginning of broadcasting from 2AP in 1947. When will we see this? I must add that I've enjoyed surfing your website.* (Thanks Tealu, we should have the item

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added to the Radio Heritage Collection later this year once we've found a better copy than the one to which we currently have access.)

Meanwhile, check out the **Broadcast** column with details of **New McKenty's** first report of WJDJ 585 Pago Pago reception in Napier. A great catch to liven up a wintry month.

Now, here's an item to get the attention of **Don Reed, Christchurch**. As well as sending us a lot of detailed information about FEN Nagoya, WVTC Nagoya and WVTQ Osaka, **Zenro Suzuoki, Tsuruga, Japan** tells us of a recent find in a Japanese book:

*I found a description about NZ DXers in the book **Fukui Hoso no Ayumi** (History of Fukui Broadcasting Co) that Mr Frank WM Wilson of Dunedin and **Mr WD Reed** of Christchurch sent reception reports of JOPR in 1958 which surprised the FBC people. There is a photo of one of the DX reports in the book, with the heading 'New Zealand Radio DX League'. (The Frank A Wilson Collection forms part of the NZRDXL Archives. I hope we can soon include a copy of the JOPR QSL along with the extract from the book showing the original DX report here in the NZDX Times)*

**Christopher Rives** ([christopherrives@hotmail.com](mailto:christopherrives@hotmail.com)) writes *I'm in the process of looking for details of radio broadcasts during the invasion by the Japanese of Luzon or Manila in the Phillipine Islands. Please contact me if you have anything available.*

Also via email, **Barry** ([Silverfox8442@aol.com](mailto:Silverfox8442@aol.com)) says *I've been SWL BRS29858 for 42 years and find this a very interesting site. Many thanks to all involved for their efforts.* (Thanks Barry, please write and tell us what your SWL number means. Perhaps it was issued by a DX club or a SW radio station?)

**Chris Mackerell, Wellington** checks in to note *one day I'll get along to one of the new gatherings, but things have conspired against me for the last couple.* (Wellington area members and friends are now meeting every couple of months and you'll find details of the next meeting on July 28 in **Branch News**).

**Cleve Costello, Wellington** has been having fun with misdirected mail but says *Fortunately, the DX Times has arrived without fail and is a first-class magazine. I read it cover to cover, despite being in what I'm convinced is a lousy reception area. Even UHF-TV from Kaukau is totally blanked out by the hill behind us. Incidentally, you can register my QSL collection for the NZRDXL Archives. It goes back to 1947.*

(Good luck with improving reception, and we hope you can also attend one of the Wellington area meetings shortly. Other members who wish to register their QSL Collection (and all the magazines, photos, car stickers, pennants etc accumulated along the way as well) with the Heritage Committee are invited to do so by contacting me at PO Box 14339, Wellington or via email).

**Andy Gardner, Manzanillo, Mexico** alerts us to [www.aardvark.co.nz](http://www.aardvark.co.nz) a NZ internet users website which recently ran an editorial (June 24) which began *When I was young (and dinosaurs walked the earth), one of my favorite pastimes was listening to SW radio late at night.* The writer then talks more about SW listening, follows this through to streaming of radio stations on the web, and recent royalty decisions in the US which have seen hundreds of stations there end webcasting.

This is now a big issue. The RIAA (Recording Industry Association of America) has won the right to charge royalties per listener to webcasting. Faced with current and back royalties running into hundreds of thousands of dollars per station, many have simply pulled the plug.

One of the biggest suppliers has been Yahoo Radio. They've gone, and taken hundreds of stations off the web overnight. The only option to hear them has reverted to a good radio

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receiver and a decent aerial. No longer is it easy to hear an FM jazz station from San Francisco. Non-commercial US stations (such as NPR) pay a much lower fee and will survive.

**Greg Agnew, Los Angeles, CA** is a rejoining member after many years, and writes *I'm curious, do DXers get QSLs for webradio broadcasts*. Most hobby clubs define broadcast via radio signals as the basis for allowing QSL of reception. So, usually, webcasting is used either for listening enjoyment, or to parallel a SW or MW signal to confirm that the radio signal is coming from that station. As a personal choice, some listeners may like to listen to webradio and ask stations to confirm their audio reception.

Maybe a little late on the market is a new book called ***Rough Guide to Internet Radio*** by LA Heberlein which we hope to review shortly. Published by Rough Guide Publishing in New York.

**John Figliozzi** ([www.savebbc.org](http://www.savebbc.org)) reminds us that it's a year since the BBC made their decision to cut SW broadcasts for North America and Australia/NZ. The NZRDXL supported the Coalition to Save the BBC and lobbied MPs in the UK, and British state agencies, to revisit the decision. In fact, the BBC has quietly reinstated some frequencies and times which benefit listeners in these areas, whilst maintaining their push for local rebroadcasts and internet delivery.

As John says *It's not so much what the BBC did, but how they went about doing it, that, in the end, has left the most lasting impression. A first year student in PR could have handled this more productively than the BBC did. The mildly disparaging confrontational attitude used toward longtime SW listeners was unnecessary, ill advised, counterproductive and unworthy of the broadcaster.*



The BBC now has agreements in place with many Access stations in NZ for program excerpts which range from BBCWS News to whole program blocks. A lobby group with hundreds of members exists in Wellington with the aim of getting a free frequency from the government to relay the BBC locally. In the UK, plans are afoot to reduce the licence fee paid to the BBC. As a result, only core services would be supplied free. Other services would be on a pay per view or listen basis.

**Ray Crawford, Forestdale, Queensland** says *no DX, but plenty of work getting done around the place*. Thanks for the Convention 2002 photos and we hope to be over to see you later in the year for some good Pacific DX.

James Kevin, Mountain Home, TN has a query: *A reference librarian suggested your website when I was conducting research into the history of volcano studies in Hawaii. A major advance in that field occurred in 1920/21 when a naval radio station began broadcasting reliable time signals in the Pacific. It's callsign appears to have been either NPM or NPG but I can find no other information.*

**Adrian Peterson, Indianapolis, IN** (our resident guru on things Pacific) has come through with some answers, but if anyone else knows more about NPM, please write and tell us. Adrian says:

The US Navy established three communication radio stations in Hawaii, at three different locations and all with the NPM call, located at Heeia Point, Koko Head and Pearl Harbor. The use of calls changed from time to time, sometimes with remote relays and remote control, but NPM is basically the USN Pearl Harbor station, with NPG San Francisco also coming into the picture. Check your local library for the book called **The History of US Naval Communications** for more information.

**Adrian** also reminds us about the **Wavescan 2002 DX Contest** which readers are

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invited to enter for a range of great prizes, including limited edition QSL cards from KSDA Guam and a copy of *On the Shortwaves* written by NZRDXL member **Jerry Berg**. Listen to Wavescan on AWR broadcasts for full details. Or, of course, check out the NZDXT. The contest takes place during September 2002.

**Ralph Sutton, Wellington** meanwhile tells us that the **Australian Bureau of Meteorology** has started SW broadcasts from VMW (Western Australia) and VMC (Charleville, Queensland) on a range of frequencies including 2056, 4149, 6230, 8113, 12356, and 16546. Facilities are built and maintained by TVNZ subsidiary BCL. A number of Marine Radio sites around the Australian coastline have gone silent as a result. Meanwhile, **VNG Time Station** has had a reprieve until December 31, 2002.

**Mary-Anne Gifford** [mgifford@bigpond.com](mailto:mgifford@bigpond.com) is Artistic Director for the Railway Street Theatre Company in Australia and writes: *I'm researching the life and career of Australian comedian George Wallace who spent a lot of time in New Zealand during the 1930s/40s touring with the Fuller Brothers.* It's very likely that George would've broadcast on some of the early B stations in NZ, so if anyone can help out, please let Mary-Anne know directly, or send details to me at PO Box 14339, Wellington and I'll pass them on.

**Vacation BCL Contest 2002** began on July 1, and ends on August 31. Target continent is **Africa** and you can use our special SW guide to Africa which appears in the **May issue** of the NZDXT to help win great prizes. Our own NZRDXL competition runs for the same period, with African loggings going into draws to win **Two China Radio International T-shirts** from the Bandwatch columns. See **Bandwatch** this month for more details. You must be a current NZDXT subscriber to win the T-shirts.

Next month, we'll announce the winner of our give-away book **The History of International Broadcasting Vol.2** by James Wood, published by the Institute of Electrical Engineers in London. All new subscribers to the e-DXT between April 1 and June 30 are eligible to go in the draw.

The **Radio Heritage Collection** at [www.radiodx.com](http://www.radiodx.com) adds three very special new articles this month. **Venezuelas' First Broadcaster** is our first contribution by a DXer in Venezuela, a Latin American nation sharing the Pacific with us.

**KELW Burbank California** is the first collaboration with noted US radio historian Jim Hilliker, our first US radio station article and one which links the history of KELW, early Tejano music and New Zealand.

The Art of Radio © takes a look at radio station logos and artwork from the 1930s in Australia and New Zealand, and is a draft chapter of the first publication planned to raise funds for the Radio Heritage Collection. The art of some of these stations has to be seen to be believed. It highlights the importance of protecting and preserving QSL collections at the NZRDXL Archives. And, the value of collecting QSLs. In 30-50 years from now, what will others have to tell them about radio of our current times?

Even after major email problems with our ISP Paradise.net (who took almost a week

to locate the server fault which only affected us), the **steady stream of contributions** continues and we've had feedback from many others who enjoy this column. It simply reflects the wide range of topics readers want to talk about. I'm glad you find something of interest for your personal world of radio here.





Please note that all frequencies should be in Kilohertz and, time in UTC (= GMT = UT), # indicates a logging outside NZ, while a reception report submitted is indicated by initials underlined in bold, eg **KAB**. 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. Also, would you please add the date of logging to your information.

| <b>KHz</b> | <b>UTC</b> | <b>Country, Station, Programme, &amp; Reception Details</b>  |
|------------|------------|--|
| 3200       | 1200       | SWAZILAND, TWR v strong in EE heard in Sth Africa — PB # 15/4  |
|            | 1949       | SWAZILAND, TWR poor/fair with gospel in EE, BBC Lesotho 3255 only other 90mb African noted — PWO 9/6   |
| 3290       | 0943       | PNG, R Central with talk in Tok Pisin fair, noted 21 <sup>st</sup> only, seems to be irregular in operation — PWO 21/6   |
| 3300       | 1005       | GUATEMALA, R Cultural fair in Spanish with long relig prgm, then 20 minutes music, ID 1127 — KVB 29/6  |
| 3365       | 0830       | PNG, R Milne Bay noted active again with Island music and talk in Tok Pisin, steadily gaining strength past 0850. Other PNG's noted were 3205, 3220, 3235, 3245, 3275, 3290, 3305, 3315, 3325, 3355, 3375, 3385, 3905 & 4890 — PWO 4/7 |
| 3905       | 1156       | PNG, R New Ireland fair/good in Tok Pisin with local music then s/off 1159 KVB 10/6  |
| 3925       | 0949       | JAPAN, R Tampa fair in Japanese with classical music, ID 0959 then fast spoken prgm — KVB 29/6   |
| 3976       | 1057       | INDONESIA, RRI Pontianak fair in Indonesian with Islamic type music, 1205 ref to "pontianak" then IS, recorded speech clear but very muffled from studio — KVB 22/6  |
| 4389       | 1002       | PERU, R Imperia poor/fair in Spanish with spoken prgm & live audience, relig refs, ID 1003 — KVB 26/6  |
| 4677.5     | 0433       | PERU, R Paz Internacional (tent) poor with light music, announcements muffled and lower level than music, gone by 0453 — PWO 21/6  |
| 4746       | 0921       | PERU, R Huanta good/fair in Spanish and possible Quecha with usual folk music, ID 0943 — KVB 15/6  |
| 4760       | 1930       | INDIA, AIR Port Blair/Leh on late with cricket, noted with Hindi music & talk during breaks in play. Also on were Lucknow 4880, Jaipur 4910 PWO 4/7  |
| 4800       | 1600       | LESOTHO, R Lesotho fair in EE from Sth Africa — PB # 7/4   |
| 4805       | 1020       | BRAZIL, R Difusora Manaus fair in Portuguese with spoken prgm, ads, jingles, several refs to "Manaus", ID 1023, faded by 1038 — KVB 10/6   |
| 4844.9     | 1206       | MALAYSIA, RTM Kajang fair with local pop music and ID in Tamil YK # 30/6   |
| 4845       | 0054       | MAURITANIA, R Mauritanie good in Arabic with Koran and ID then s/off — RAD # 2/6   |
|            | 1917       | MAURITANIA, R Mauritanie poor in FF with ethnic music ID 1931 KAB 20/6   |
| 4875       | 0035       | BRAZIL, R Difusora poor in Portuguese with talk and music, s/off at 0407 after ID — RAD # 27/5   |



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|--------|------|---|
| 4895   | 0530 | BRAZIL, R IPB-AM re-activated? With Portuguese relig prgm sounding like IPDA prgmimg with QRM from Port Moresby post 0700 — PWO 28/6  |
| 4895   | 1339 | MALAYSIA, RTM Kuching good with local pop music in Iban — YK # 23/6   |
| 4925   | 1153 | INDONESIA, RRI Jambi fair with local popmx in Indonesian, ID 1201 YK # 30/6   |
| 4965   | 1510 | TAJIKISTAN, V of Russia fair/good in EE with mx and ID, some noise CC 26/6  |
| 4976   | 0354 | UGANDA, R Uganda poor/fair with pop and rap music until ID and news at 0415 — RAD # 9/6   |
| 4985   | 0836 | BRAZIL, R Brazil Central good in Portuguese with upbeat prgm, music, bird sound, 0859 address, ID, frequency — KVB 24/6   |
| 5019.9 | 0949 | SOLOMON IS, SIBC fair in EE with football and ID then news in EE RAD # 20/5   |
| 5025   | 0600 | CUBA, R Rebelde in Spanish — JSB # 22/6   |
|        | 1950 | AUSTRALIA, VL8K, Katherine still here, Alice Springs and Tennant Creek QSYed to 120mb — PWO 27/6  |
| 5035   | 0932 | BRAZIL, R Aparecida fair in Portuguese with local pops, jingles, ID 0957 KVB 24/6   |
| 5240   | 1630 | CHINA, CPBS announcing as China Tibet Broadcasting Company in EE until 1638 then Tibetan music. Prgm called "Holy Tibet" fair in EE with Txer in Lhasa, Tibet — IC 13/6                   |
| 5745   | 0630 | USA, WHRI ID 0630 then relig prgm fair in EE — KAB 9/6  |
| 5755   | 0633 | USA, WHRI poor in EE with RTTY QRM, ID 0632 then different relig prgm KAB 9/6   |
| 5765   | 1725 | GUAM, AFN on USB good in EE with discussion on computer games — CC 23/6   |
| 5825   | 0337 | USA, WEWN good in EE with discussion on John Wayne movies — CC 22/6   |
|        | 0635 | USA, WEWN v good in EE with Catholic relig prgm on miracles — KAB 9/6   |
| 5940.1 | 0420 | PERU, R Bethel v good in Spanish with relig messages, one of the easiest lower band Latin's- IC 28/6  |
| 5964.9 | 0920 | BRAZIL, Tent R Nova Visao singing by YL, // 9530 under NHK — JB # 9/6   |
| 5975   | 1212 | ZIMBABWE, Zimbabwe Radio 4 Shona very strong heard from Sth Africa PB # 16/4  |
| 5980   | 0730 | USA, R Marti v good in Spanish — IC 8/6   |
|        | 1012 | BRAZIL, R Guarujá fair with pop music in Portuguese — YK # 30/6   |
| 5985   | 1850 | CONGO REP, R Congo excellent in EE on Sunday — PB # 21/4  |
|        | 1856 | CONGO REP, RTVC Brazzaville with Afro singing, French comment, ID 1900 in French, local news, poor — KAB 17/6   |
| 5990   | 0902 | BRAZIL, R Sento fair in Portuguese with ezl music, ads, phone-in, bird sound, ID 0922 — KVB 24/6  |
| 5990   | 0930 | BRAZIL, R Sento v good in Portuguese — IC 25/6  |
| 5995   | 1905 | MALI, ORTM Bamako with news in French, mention of Mali with soccer news, ID 1910 with freq/time sked  |
| 6006   | 0600 | ASCENSION IS, BBC WS in EE with soccer — JSB # 22/6   |
| 6010   | 0540 | CHILE, R Parinacota fair in Spanish over R Mil, good ID at 0600 — IC 22/6   |
| 6019   | 0600 | PERU, R Victoria, Lima with soccer in Spanish — JSB # 22/6  |
| 6035   | 0700 | SWAZILAND, TWR good in EE from Sth Africa — PB # 22/4   |
| 6039.9 | 0900 | BRAZIL, R Clube Paranaense v good with fast talking man, quick ID at 0906 JB # 9/6  |
| 6045   | 0715 | PERU, R Santa Rosa strong in Spanish with many great IDs — IC 27/6  |
| 6045.5 | 0510 | COLOMBIA, La Voz de tu Conciencia, ID'ed from Sweden, with music and vocals, short announcements, to relig prgm 0654 with prgm ID at 0724, canned ID 0914, faded out by 1000z — JB # 20/6 |
| 6055   | 2100 | UK, NHK, R Japan via Skelton good in EE — IC 19/6   |

|        |      |  |
|--------|------|--|
| 6065   | 2145 | SWEDEN, R Sweden poor in EE with "Sono" // 15255 v good — KAB 9/6  |
| 6080.2 | 0850 | BRAZIL, presumed R CBN Anhanguera , animated talking // 11830 — JB # 9/6   |
| 6090   | 0825 | ANGUILLA, Carribean Beacon with Dr Gene Scott in EE, strong some nights IC 6/6   |
| 6120   | 1135 | CANADA, R Japan via Sackville good with rock music prgm — DW # 21/6  |
| 6125   | 0345 | COSRA RICA, REE in Spanish until 0600, ID 0355, modern Spanish music — JSB # @/7                                       |
| 6135.1 | 0925 | BRAZIL, presumed R Aparacida good heavy QRM from Santa Cruz on 6134.8 JB # 9/6   |
|        | 0202 | BRAZIL, R Aparecida jingle ads, ID and Portuguese talk, off suddenly, fair RAD # 3/6                                   |
| 6165   | 1915 | ZAMBIA, Zambia Radio 2 fair in EE from Sth Africa — PB # 24/4  |
| 6175   | 1900 | UK, Skelton, R Taipei Intl ID, freq sked, Natl anthem, news in German, fair with het — KAB 9/6                         |
|        | 2150 | GERMANY, High Adventure Ministries good in EE with relig prgm, ID and address then into French at 2100 — KAB 10/6      |
| 6180   | 1009 | BRAZIL, R Nacional de Amazonia good with commentary about World Cup final — YK # 30/6                                  |
| 6185   | 1030 | MEXICO, R Educacion fair with pop music in Spanish — YK # 30/6   |
| 6190   | 1400 | STH AFRICA, BBC WS good in EE — PB # 7/4   |
| 6215   | 0127 | ARGENTINA, R Balurate with lots of Spanish talk and vocals, ID 0202, poor/fair — RAD # 2/6                             |
|        | 0230 | ARGENTINA, R Maranatha (tent) with talk in Spanish, vocals at 0233 then faded out — RAD # 20/5                         |
| 6218.8 | 0318 | PIRATE, Europe, Laser Hot Hits with pop music, ID giving Merlin address — JB # 20/6                                    |
| 6537.4 | 0900 | BOLIVIA, La Voz Del Campesino fair in Spanish — IC 25/6  |
| 6890   | 0410 | USA, WWFV Georgia, fair in EE with comment on FBI/CIA, ID 0452 KAB 8/6   |
| 6956.7 | 0235 | PERU, R La Voz del Campesino poor/fair with vocals and Spanish annc RAD # 2/6  |
| 7105   | 0300 | GERMANY, D Welle fair in Russian with news after IS, ID — KAB 12/6   |
| 7115   | 0415 | GREECE, VOA fair in Arabic with comment on news and EE pops, ID 0430 KAB 8/6   |
| 7130   | 0314 | UK, BBC WS fair in Russian< ID 0315 then comment — KAB 12/6  |
| 7135   | 0432 | UNKNOWN, RFI to Africa in French, multiple broadcasts of the same prgm slightly delayed from each other — KAB 8/6      |
| 7145   | 0434 | NZ, Christchurch fair with relay of Radio Ferrymede, pirate broadcast — KAB 8/6  |
| 7155   | 1903 | THAILAND, HSK9 R Thailand with gong IS, ID, news in EE, fair with QRM — KAB 9/6  |
| 7160   | 0246 | ALBANIA, R Tirana fair in EE with male vocalist // 6115 weaker — CC 29/6   |
| 7165   | 1930 | POLAND, R Polonia poor in EE — IC 7/6  |
| 7170   | 2020 | STH AFRICA, AWR poor in French with relig music, ID 2030 — KAB 11/6  |
| 7185   | 0530 | STH AFRICA, R SonderGrense excellent in Africaans, heard in Sth Africa — PB # 16/4                                     |
|        | 1752 | BANGLADESH, R Bangladesh fair/good in EE with ID then OM chanting// 9550 distorted with some QRM — CC 23/6             |
| 7210   | 0200 | BELARUS, R Minsk good in EE — IC 14/6  |
|        | 0228 | BELARUS, R Belarus good in EE with stn announcements, ID at 0230 — CC 29/6   |
| 7255   | 0400 | MOROCCO, R Sawa good in Arabic after VOA opening with R Sawa ID 0415 RAD # 27/5  |
|        | 0530 | NIGERIA, V of Nigeria excellent in EE from Sth Africa — PB # 16/4  |
| 7305   | 0320 | VATICAN, Vatican Radio good in Spanish to Sth America, ID 0358 — KAB 12/6  |
| 7345   | 0045 | CZECH REP, R Prague good with talk in Spanish — DW # 11/6  |
| 7410   | 1744 | INDIA, AIR fair/good in EE with music and opening in EE with ID and announcements, fair with some distortion — CC 23/6 |
| 7445   | 0735 | COSTA RICA, RFPI on USB fair in EE with discussion on SW radio, distorted — CC 21/6                                    |

## Logging of the month

goes to **Paul Ormandy** for Radio Paz Peru Internacional, Peru, on 4677.5, a new station recently detailed in Hard Core DX.

My thanks to all the contributors, with a good variety of loggings, particularly from Sth America. 73's, Ken Baird

### CONTRIBUTORS FOR THIS MONTH

**CC** - Cliff Couch, Paraparaumu, ATS 803A, 60m horizontal loop, 2x30m wires N/S & E/W: **DW** — David Weronka, North Carolina, USA, Sangean ATS 404, DX — 375, 30 ft wire : **IC** — Ian Cattermole, Blenheim, JRC NRD 535, T2FD and Alpha Delta antennas: **JB** — Jerry Berg, Lexington, MA, USA, R8, 165ft longwire : **JSB** — Jon Standingbear, California, JRC NRD345, 80ft longwire : **KAB** - Ken Baird, Christchurch, R5000, Drake SW2, 15m wire, SW Eavesdropper: **KVB** — Kelvin Brayshaw, Levin, Collins 51J4, 65m horizontal Loop : **PB** — Paul Bailey, touring Sth Africa, DX 440/ATS803, antenna tuner with whip : **PWO** — Paul Ormandy, Waianakarua, SPR4, Numerous Beveridges : **RAD** — Richard D'Angelo Wyomissing USA, R8B, Lowe HF 150, Alpha Delta sloper, RF Systems mini windom, Datong FL3, JPS ANC4 : **YK** — Yasuaki Katagiri, Japan, IC R75, HF 150E, Small Loop, SA-7000.

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)

## bandwatch.over9@radiodx.com

Compiled by **Andy McQueen, Trentham, Upper Hutt**

Hello from Trentham. Where like the rest of the country we are having a very wet winter All times given are UTC.

### KHZ TIME COUNTRY STATION & PGM DETAILS INITIALS

|      |      |  |
|------|------|--|
| 9400 | 0255 | BULGARIA R Bulgaria Fair in EE with choir pgm some distortion 29/6 CC                                    |
| 9405 | 2235 | GERMANY IBRA via Julich V/good in Arabic 17/6 IC   |
| 9420 | 0258 | GREECE FTH Fair in Greek with Local Music pgm 29/6 CC  |
| 9440 | 0112 | SLOVAKIA R Slovakia Int. V/good in EE with item on minting coins Id at 0115 5/6 KVB                      |
| 9500 | 0530 | SWAZILAND TWR Manzini Fair in EE 17/6 IC   |
| 9525 | 2054 | TURKEY VOT Fair in EE item on Turkey & the E.U. and later item on Istanbul 22/6 CC                       |
| 9540 | 0430 | GT BRITAIN VOA Wooferton relay V/good in EE 9/6 IC   |
| 9540 | 1400 | PHILIPPINES R Veritas Asia Fair in Bengali after opening Id in EE 18/6 IC                                |
| 9555 | 2245 | SAUDI ARABIA BSKSA Good in Arabic 20/6 IC  |
| 9565 | 0100 | BRAZIL R Universo /Tupi Good in PP with religious pgm 18/6 IC  |
| 9570 | 2209 | IRAN VOIRIB Fair in EE News of Pakistan shooting down Indian Spy plane Id 2222 8/6 KVB                   |
| 9560 | 0130 | HUNGARY R Budapest Fair in EE with DX Corner 29/6 JSB#   |
| 9575 | 2248 | MOROCCO R Medi Un good in FF then AA with pop Mx 25/6 KVB  |
| 9605 | 0250 | VATICAN CITY Vatican Radio I/sig and Id ten item on Middle East //7305 29/6 CC                           |
| 9650 | 1130 | CANADA RKI Poor in EE with news and comment on Japan & Korea Investments plus electronics 4/6 <b>RFK</b> |
| 9665 | 1006 | SINGAPORE R Singapore Int. Fair in Malaysian spoken pgm and pop Mx Id                                    |

|         |      | @1012 3/6 KVB   |
|---------|------|---|
| 9675    | 0807 | BRAZIL R Cancao Nova Good/Fair in PP lively Mx and bird sound effects I/ sig 0830 3/6 KVB   |
| 9694.74 | 1000 | COSTA RICA TIFC Poor Fair with drifting signal //5054 similar JB#   |
| 9705    | 2245 | INDIA AIR Panati Opens in EE at good strength but some QRM 6/6 IC   |
| 9705    | 2324 | THAILAND VOA relay Fair in EE with sports News Slight co-channel QRM Id 2328 3/6 KVB  |
| 9705    | 0010 | MEXICO R Mexico Int. Very poor in SS and no sign of // 11710 2/7 JSB#   |
| 9720    | 0733 | PERU R Victoria Fair in SS with religion Several Ids & frequencies at 0757 3/6 KVB  |
| 9741    | 0745 | INDONESIA RRI Sorong Fair in Indonesian Irian Jaya now officially renamed Papua so this should qualify as a new country Am awaiting ADCOM response to this 6/6 IC   |
| 9865    | 1130 | NETH ANTILLIES RVI Bonaire relay Good with Music from Flanders pgm 2/7 JSB #  |
| 9885    | 0959 | NEW ZEALAND RNZI Good in EE with time Pips & Id then News 30/6 #YK  |
| 9925    | 0001 | CROATIA Voice of Croatia V/good in Croatian Nx and Sports Id in EE 004 5/6 KVB (A relay via Germany? -Ed)   |
| 9925    | 0500 | SOUTH AFRICA RVI relay Good in Flemish with Nx and talk on computers 6/6 <b>RFK</b>   |
| 9960    | 0330 | NORWAY R Denmark Fair in Danish 15/6 IC   |
| 9980    | 1900 | LITHUANIA R Nord one off special Fair in Swedish with Pop Mx from 50-60's with commercials for Grundig and Pepsodent Some Splash from R Pyongyang in AA on 9975 BDC |
|         | 1955 | Fair with talk in Swedish and canned Id's PWO 30/6  |
| 11615   | 0000 | CZECH REPUBLIC R Prague Fair in EE 2/7 JSB#   |
| 11620   | 2228 | INDIA AIR Fair in EE with Id & sked S/off 2229 8/6 KVB  |
| 11640   | 2030 | VIETNAM VOV Good in EE with some QRM 8/6 IC   |
| 11685   | 2230 | UNKNOWN LOCATION BBCWS Fair in EE Asian & Afro Music News about India V Pakistan 8/6 KVB  |
| 11710   | 1500 | NTH KOREA R Pyongyang Good in English 16/6 JSB #  |
| 11775   | 1530 | IRAN VOIRIB Fair in EE with Choir singing pgm Id @ 1531 and some announcements 26/6 CC  |
| 11840   | 1005 | RUSSIA R Rossi via Sakhin Islands Fair in Russian 24/5 RAD #  |
| 11920   | 0300 | MOROCCO RTV Morocaine Good in AA but with some co-channel QRM 6/6 IC  |
| 11930   | 0230 | GABON NHK relay Opening in JJ at good level 6/6 IC  |
| 12015   | 1000 | MONGOLIA V of Mongolia Poor in EE with item on Elections and then Mailbag 20/5 RAD #  |
| 12015   | 1600 | GABON RFI relay Fair in English 2/7 JSB#  |
| 12045   | 2200 | RUSSIA RFI via Novosibirsk Fair in CC with spoken pgm and language lesson S/off 2301 2/6 KVB  |
| 12075   | 1538 | UZBECKISTAN R Netherlands relay Fair in EE talk on paintings // 9870 & 11835 weaker 26/6 CC   |
| 12125   | 1905 | SPAIN? Jakada Radio Int. Fair/good in EE with African News & sport Id @ 1911 21/6 KVB   |
|         | 1900 | Weak with opening announcements and Id 24/5 RAD #   |
| 12215   | 0827 | GUAM KTWR V/good in EE 6/6 IC   |
| 13580   | 1735 | SWEDEN R Sweden Fair in EE with 2 YL discussing life in Sweden 23/6 CC (On the choice of boyfriends? eh - Ed)   |

|         |      |   |
|---------|------|---|
| 13610   | 0345 | FRANCE RFI Good in French 6/7 AMQ   |
| 13660   | 0350 | CYPRUS BBC Good in Arabic with Id and mentions of London 6/7 AMQ  |
| 13690   | 0401 | GERMANY D/Welle Good in EE with News 13/7 AMQ   |
| 15028.5 | 0225 | COSTA RICA RFPI Fair in English 28/6 IC   |
| 15190   | 0600 | GREECE VOG Good opening in Greek 19/6 IC  |
| 15265   | 1825 | GERMANY R Africa Int. V/good in EE //13820 21/6 IC  |
| 15280   | 0926 | PHILIPPINES R Liberty Fair in RR spoken pgm with several Ids Mx and promos 2/6 KVB                                      |
| 15295   | 0726 | MALAYSIA V of Malaysia Weak in EE with music by female artists /9750 even weaker 21/6 CC                                |
| 15355   | 0315 | OMAN R Sultanate of Oman Fair in EE 23/6 IC   |
| 15385   | 0000 | SPAIN REE Excellent in English 2/7 JSB #  |
| 15470   | 0159 | CYPRUS BBC Good in unknown language with refs to Kashmir & Afghanistan 9/6 KVB  |
| 15590   | 1000 | JAPAN NHK/R Japan V/good in EE S/on with News stook market and News of World Cup 31/5 <b>RFK</b>                        |
| 15620   | 0329 | CZECH REPUBLIC R Prague 0400 I/sig V/good in EE with news Wonder if via WRMI? 13/6 <b>RFK</b>                           |
| 17505   | 1353 | SWEDEN R Sweden Fair in EE with discussion on eco- tourism //18960 29/6 CC  |
| 17560   | 1600 | AUSTRALIA Christian Voice Good in Mandarin with gospel Mx JSB 16/6 #  |
| 17635   | 0000 | GUAM KSDA Good in EE/CC with spoken pgm plus Mx. Id at 0000 29/6 KVB  |
| 17780   | 0400 | UAE ABU DHABI AWR relay Good in RR and into EE at 0430 6/6 IC   |
| 17860   | 1500 | GT BRITAIN BBC Rampisham V/good in RR Good BBC London Id and then Nx but no sign of ORF via Canada due at this time RFK |
| 17860   | 1630 | STH AFRICA Channel Africa Fair in FF at 1700 Into EE 5/7 JSB#   |
| 17860   | 1800 | RWANDA D/Welle Fair in German 2/7 JSB #   |
| 18940   | 1350 | NORWAY R Afghanistan relay via Kvitsoy Fair in ?? Sked is 1330- 1630 Talk and some Mx 9/6 JB #                          |
| 21640   | 0833 | SRI LANKA D/Welle Fair in GG with live church service Id 0859 2/6 KVB   |
| 21600   | 2100 | GABON NHK/R Japan Fair in Japanese 3/7 JSB #  |
| 21715   | 1017 | TURKEY VOT Good in TT with pop Mx Id at 1018 16/6 YK #  |
| 21795   | 0536 | THAILAND R Thailand Fair in EE with News on Thailand 21/6 CC  |
| 21800   | 1027 | FINLAND RFI Good with talk in Finnish then Id and News at 10230 16/6 YK #   |

Thanks very much to all contributors for this month. Stations reported are indicated by the contributors initials underlined in Bold eg: **AMQ**

A new feature this month is a # symbol to indicate station heard outside New Zealand.

### Logging Competition

The winning logging is Ian Catermole with TWR Swaziland 9500 kHz

You can contact me via PO Box 3011 Auckland or direct at:

36A Brentwood Street Trentham Upper Hutt. Please remember the A (A for Andy) otherwise your mail may be delayed or you can use the E-mail address as listed above.

73's

Andy McQueen

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## SHORTWAVE EXCHANGE

**AMQ** Andy McQueen Trentham Upper Hutt Sony 6800W 30m long wire BDC Bryan Clark Auckland AOR 7030 / **CC** Cliff Couch Paraparaumu Sangean ATS 803A with 60m horizontal loop/ **IC** Ian Cattermole Blenheim JRC NRD535 T2FD and Alpha Delta antennae / **JB** Jerry Berg Lexington Ma USA Drake R8 and 165 foot long wire(50 metres?)/ **JSB** Jon Standing Bear Beaumont Ca USA / **KVB** Kelvin Brayshaw Levin Collins 51J4 and HF loop / **PWO** Paul Ormandy Oamaru / **RAD** Richard D'Angelo Wyomissing Pa USA Drake R-8B, 500 foot wire essentially north, 100 foot wire essentially southeast and a Montgomery Active Antenna, Datong FL-3/ **RFK** Ron Killick Christchurch Sony ICF-6800 and 40m long wire & built in whip./ **YK** Yasuaki Katagiri Saitama Japan Icom R75 and HF150E with Small Loop and SA 7000 antenna

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## CONTEST CONTEST CONTEST CONTEST CONTEST CONTEST CONTEST

### Two China Radio International T-shirts to be won!

Every African SW logging accepted in Bandwatch and heard during the Vacation BCL Contest 2002 period ( July1 — August 31) puts you in the draw to win a colourful T-shirt from CRI. We have 2 T-shirts. One for Bandwatch Under 9 and one for Bandwatch Over 9. To enter, you must be a current subscriber to either the e-DXT or the NZDXT at the time of your logging. Just send details of your loggings to the Bandwatch editors. Remember, you can use the same loggings to enter the Vacation BCL Contest 2002 and win even more prizes. Have fun!

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**shortwave.mailbag@radiodx.com**

Compiled by **Laurie Boyer, Invercargill**

First up

**Ron Killick Christchurch** has DWR Kigali 17800, Voice of Russia Krasnador 5940, Moscow 7440, Vatican 9765, Wales Radio via Skelton 7325, Radio Canada International Sackville 9590, Wertachtal 11965, Channel Africa Meyerton 11710, Radio Denmark Kvitsoy 17505, TWR Cerrick 12080, RTBF Julich 9495, WSHB 15665.

Now to

**John Durham Tauranga** with Wales Radio via Rampisham 17650.

Next is

**Jerry Berg Lexington MA USA** With Belgium 7180 via DTK, Germany 9765, Greece 9635, 11820, Radio Murmansk 5930.

Finally

**Ian Cattermole Blenheim** with his usual long list. Radio Pakistan 11580, AWR Moosbrunn 15470, 15355, Radio Ezra 17735, AWR Meyerton 9845, RVI Meyerton 9925, Radio Canada International Sackville 11920, Skelton 13690, Voice of Vietnam 7145, RN Madagascar 11835, Radio Romania 17815, World Beacon UAE 17850 [EM] KTWB 17850, Voice of Greece 21530, RDW Antigua 9510, Sri Lanka 15510, IBRA Julich 9405 [EM] WWRB 12172 [EM] Radio Denmark 9960, 7465, 11615, NHK Gabon 11930, Radio Africa International 11645, WSHB 9450 And Far East Relay 9940, DX Antwerp Sitkunai, DX Antwerp Tbiliskaya 17785.

**Best of Month Under 9 Mhz** Wales Radio 7325 Ron Killick.

**Best of Month over 9Mhz** Radio Africa 11645 Ian Cattermole

# South American Shortwave Stations Heard in NZ during June 2002

Compiled by  
Paul Ormandy  
Oamaru

List of South American Stations heard in New Zealand by Contributors Ian Cattermole, John Durham and Paul Ormandy during June 2002.

| Freq   | Time | Country    | Station   |
|--------|------|------------|---|
| 3220.0 | 0830 | Ecuador    | HCJB Quechua  |
| 3230.5 | 0915 | Peru       | R El Sol de los Andes   |
| 3245.0 | 0939 | Brazil     | R Clube r. Rede Trasamerica Light   |
| 3255.1 | 0956 | Brazil     | R Dif 6 de A irreg  |
| 3279.6 | 0721 | Ecuador    | R Maria del Ecuador   |
| 3289.9 | 0546 | Ecuador    | R Centro  |
| 3291.4 | 0916 | Guyana     | GBC   |
| 3300.0 | 0818 | Guatemala  | R Cultural 0400   |
| 3310.0 | 0835 | Bolivia    | R Mosoj Chaski  |
| 3329.6 | 1029 | Peru       | R Ondas del Huallaga  |
| 3350.0 | 0530 | Costa Rica | REE   |
| 3375.0 | 0928 | Brazil     | R Educadora   |
| 4388.8 | 1035 | Peru       | Imperio Radio   |
| 4420.0 | 1009 | Peru       | R Bambamarca  |
| 4600.3 | 1035 | Bolivia    | R Perla del Acre  |
| 4649.0 | 1050 | Bolivia    | R Santa Ana   |
| 4677.5 | 0430 | Peru       | R Paz Peru Internacional  |
| 4681.5 | 1035 | Bolivia    | R Paititi   |
| 4716.7 | 1035 | Bolivia    | R Yura  |
| 4746.8 | 0930 | Peru       | R Huanta Dos Mil  |
| 4754.2 | 1022 | Brazil     | R Educacao Rural  |
| 4761.7 | 1007 | Bolivia    | R Guanay  |
| 4765.0 | 0950 | Brazil     | R Integracao  |
| 4775.0 | 1021 | Peru       | R Tarma   |
| 4781.4 | 1021 | Ecuador    | R Oriental  |
| 4785.0 | 0948 | Brazil     | R Caiari  |
| 4790.1 | 1004 | Peru       | R Atlantida   |
| 4795.0 | 0404 | Brazil     | R Nova Difusora   |
| 4796.5 | 0929 | Bolivia    | R Mallku  |
| 4799.8 | 1034 | Guatemala  | R Buenas Nuevas   |
| 4805.0 | 0900 | Brazil     | R Dif do Amazonas   |
| 4815.0 | 0926 | Brazil     | R Difusora  |
| 4825.0 | 0720 | Brazil     | R Cancao Nova   |
| 4826.4 | 0948 | Peru       | R Sicuani   |
| 4832.0 | 0420 | Honduras   | R Litoral   |
| 4835.1 | 0933 | Peru       | R Maranon s/on  |
| 4845.0 | 0812 | Brazil     | R Ibitinga  |
| 4845.0 | 0900 | Brazil     | R Cultura Ondas Tropicais   |

|        |      |            |                        |                             |
|--------|------|------------|------------------------|-----------------------------|
| 4855.6 | 1000 | Peru       | R La Hora              |                             |
| 4865.0 | 0530 | Brazil     | R Alvorada             | r.Rede Marina Evangelizacao |
| 4876.9 | 1040 | Bolivia    | R La Cruz del Sur      |                             |
| 4880.2 | 0424 | Peru       | R Comas                |                             |
| 4885.0 | 0915 | Brazil     | R Difusora, Acreana    |                             |
| 4885.0 | 0959 | Brazil     | R Acre                 |                             |
| 4895.0 | 0530 | Brazil     | R IPB-AM               | reactivated                 |
| 4904.6 | 1015 | Peru       | R La Oroya             |                             |
| 4915.0 | 0927 | Brazil     | R Anhanguera           |                             |
| 4919.0 | 0719 | Ecuador    | R Quito                |                             |
| 4926.3 | 0926 | Bolivia    | R San Miguel           |                             |
| 4935.0 | 0708 | Brazil     | R Capixaba             | heavily distorted           |
| 4955.1 | 1040 | Peru       | R Cultural Amauta      |                             |
| 4960.0 | 1040 | Ecuador    | R Federacio            | Shuar                       |
| 4975.0 | 0718 | Peru       | R del Pacifico         |                             |
| 4975.0 | 0516 | Brazil     | R Mundial              |                             |
| 4980.0 | 1040 | Venezuela  | R Ecos del Torbes      |                             |
| 4985.0 | 0717 | Brazil     | R Brazil Central       |                             |
| 4992.6 | 1040 | Peru       | R Ancash               |                             |
| 4995.6 | 1031 | Peru       | R Andina               |                             |
| 5005.2 | 1107 | Peru       | R LTC                  |                             |
| 5009.3 | 1031 | Peru       | R Altura               |                             |
| 5025.0 | 0722 | Cuba       | R Rebelde              |                             |
| 5030.0 | 0800 | Costa Rica | DGS/University Network |                             |
| 5035.0 | 0920 | Brazil     | R Aparecida            |                             |
| 5039.2 | 1043 | Peru       | R Libertad             |                             |
| 5055.0 | 1015 | Costa Rica | Faro del Caribe        |                             |
| 5940.0 | 0723 | Peru       | R Melodia              | cf 5996.5                   |
| 5940.2 | 0447 | Peru       | R Bethel               |                             |
| 5952.5 | 0217 | Bolivia    | R Pio Doce             | 1015                        |
| 5955.0 | 0723 | Brazil     | R Gazeta               |                             |
| 5965.0 | 0724 | Brazil     | R Nova Visao           |                             |
| 5970.0 | 0925 | Brazil     | R Itatiaia             |                             |
| 5975.0 | 0724 | Colombia   | R Autentica            |                             |
| 5990.0 | 0900 | Brazil     | R Senado               |                             |
| 5996.5 | 0530 | Peru       | R Melodia              |                             |
| 6000.0 | 0800 | Brazil     | R Guaiba               |                             |
| 6010.0 | 0724 | Mexico     | R Mil                  |                             |
| 6010.0 | 0544 | Chile      | R Parinacot            | r. R Cooperativa            |
| 6020.0 | 0545 | Brazil     | R Gaucha               |                             |
| 6025.0 | 0900 | Bolivia    | R Illimani             |                             |
| 6035.0 | 1018 | Colombia   | La voz de Guaviare     |                             |
| 6040.0 | 0720 | Brazil     | R Clube Paranaense     |                             |
| 6045.3 | 0730 | Peru       | R Santa Rosa           |                             |
| 6060.0 | 0722 | Brazil     | R Tupi                 |                             |
| 6060.0 | 0900 | Argentina  | R Nacional             |                             |

Rebelde



|         |      |            |   |
|---------|------|------------|---|
| 6064.5  | 0820 | Colombia   | La Voz de tu Conciencia                   |
| 6090.0  | 0721 | Chile      | R Esperanz irreg                          |
| 6090.0  | 0520 | Brazil     | R Bandeirantes                            |
| 6093.5  | 0254 | Peru       | R Cuzco 0915                              |
| 6105.0  | 0900 | Brazil     | R Nova Visa r. R Trans Mundial            |
| 6115.0  | 0726 | Peru       | R Union heavily distorted                 |
| 6134.8  | 0900 | Bolivia    | R Santa Cruz                              |
| 6135.0  | 0800 | Brazil     | R Aparecida                               |
| 6140.0  | 0844 | Uruguay    | R Monte Carlo                             |
| 6150.0  | 0726 | Costa Rica | DGS/University Network                    |
| 6150.0  | 0600 | Peru       | CPN Radio irreg                           |
| 6150.0  | 0922 | Brazil     | R Record                                  |
| 6155.0  | 0310 | Bolivia    | R Fides Sundays                           |
| 6160.0  | 0727 | Brazil     | Sistema LBV                               |
| 6170.0  | 0920 | Brazil     | R Cultura                                 |
| 6180.0  | 0245 | Brazil     | R Nacional 0900                           |
| 6185.0  | 0727 | Mexico     | R Educacion                               |
| 6537.4  | 0749 | Bolivia    | La Voz de Campesino                       |
| 7375.0  | 0802 | Costa Rica | DGS/University Network                    |
| 9515.0  | 0115 | Brazil     | R Novas de mxd unid                       |
| 9530.0  | 0108 | Brazil     | R Nova Visa r. R Trans Mundial, also 0715 |
| 9565.0  | 0009 | Brazil     | R Tupi 0728                               |
| 9630.0  | 0009 | Brazil     | R Aparecida                               |
| 9645.0  | 0008 | Brazil     | R Bandeiran 0729                          |
| 9675.0  | 0100 | Brazil     | R Cancao N 0730                           |
| 9685.0  | 0431 | Brazil     | R Gazeta                                  |
| 9704.0  | 0345 | Mexico     | XERMX                                     |
| 9720.2  | 0741 | Peru       | R Victoria                                |
| 11765.0 | 2322 | Brazil     | R Tupi                                    |
| 11780.0 | 0800 | Brazil     | R Nacional da Amazonia                    |
| 11785.0 | 0001 | Brazil     | R Guaiba                                  |
| 11815.0 | 0125 | Brazil     | R Brazil Cen 0718                         |
| 11915.0 | 0330 | Brazil     | R Gaucha 0718                             |
| 11925.0 | 0545 | Brazil     | R Bandeiran 0719                          |
| 15039.0 | 0230 | Costa Rica | RFPI                                      |



**XERMX.OC**

**Radio México Internacional**

## SOUTH PACIFIC

### AUSTRALIA:

#### Reprieve for Australian Standard Frequency & Time Station VNG.

A letter dated 24 June from Dr Richard Brittain, Secretary of the National Time Committee of Australia's National Standards Commission (NSC) advises that the closure of Radio VNG will be postponed till 31 December 2002.

This step recognises that some users have had insufficient notice of the closure and time to make the necessary alternative arrangements. A voice announcement regarding the end-of-year closure will be aired from mid-July. Further notification of the closure will be given in writing to VNG Consortium Users in July and September.



In the event of any major equipment breakdown, the NSC will not be able to guarantee continuation of the VNG service for the full 6 months.

So, for DXers wanting to get a QSL for VNG, there's now another 6 months left to log them on 2500, 5000, 8638, 12984 or 16000 kiloHertz. All frequencies are on 24 hours, except 16mHz which operates from 2200 to 1000 UTC. Voice announcements are carried on 2.5, 5 and 16mHz only - the other frequencies carry Morse identifications. Reports with return postage (eg 1 IRC coupon) should be addressed to Radio VNG, National Standards Commission, P.O. Box 282, North Ryde, NSW 1670, Australia. Bryan Clark

### NEW ZEALAND:

#### R New Zealand International - RNZI valid schedule 5 May-1 Sept 2002.

1650-1750 6095 NE Pac, Fiji, Samoa, Cook Islands. ' Mon-Fri 1751-1850 11725 NE Pac, Fiji, Samoa, Cook Islands. ' Mon-Fri 1851-2215 15160 All Pac, also audible in EUR 0' Daily 2216-0458 17675 All Pac, also west coast of the USA 0' Daily 0459-0658 11820 All Pac, also EUR, and mid-west USA 0' Daily 0659-1105 9885 All Pac, also mid-west USA 0' Daily 1106-1305 9515 NWPac, Bougainville, EaTimor, AS 325' Daily \* 1306-1650 6095 All Pac 0' \*\* \* Usual Closedown is 1305 UTC - this freq is for occasional overnight bcs to the Pacific for Sports commentaries or Cyclone Warnings. Bougainville/Timor Transmission 1105-1305 UT directed to the North Western PAC and Asia for NZ Forces serving overseas. (WWDXC)

## REST OF WORLD

### CHINA:

CPBS ,Lhasa ,Tibet is being observed with an English program with a good signal on 5240 kHz from around 16.30 ~ 16.50 UTC...Monday to Saturday.

The station is describing itself as "China Tibet Broadcast Company" and the address mentions Lhasa 850000 .

The English prog is called "Holy Tibet" which is of about 10 minutes duration and latter half consists of Tibetan music. Other parallel frequencies observed are : 4905 4920 6110 6150

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9490

(GRDXC) **Note: 5240 audible here in NZ at fair level in English at 1630 announcing as above. ED.**

### GREENLAND:

#### Greenland still on shortwave

Kalaallit Nunaata Radioa, KNR or Greenland Radio, is back on shortwave. The daily news programmes are carried on 3812 kHz USB with 100 W at 1330-1430 and 2000-2200 UTC (1430-1530 and 2100-2300 when Daylight Saving Time). The transmissions are unofficial but are quite regularly heard - especially during summer. Transmitter site is Tasiilaq on the East coast of Greenland.

"Real" shortwave transmissions may start again in Greenland. For some ten years the authorities have been considering closing down the current five 5-10 kW mediumwave transmitters, due to few listeners and electricity costs. Calculations and considerations have been made to replace the mediumwave transmitters with one shortwave transmitter on the island of Cook - not far away from Nuuk. That would be a more efficient way to serve the fishermen who are - more or less - the only ones still listening to AM.

Cook Island was also the site of the old shortwave transmitters of KNR using 3999, 5980 and 9575 kHz several years ago. (HCDX) (Something to hope for ED)

### INDIA:

AIR have introduced a SW channel for their National Program parallel to 1566,1134 kHz. This service is heard at 1325-0040 hrs on 9425 kHz. This is understood to be a test transmission for an indefinite period and originates from Bangalore at 500KW. (DX India)

### MADAGASCAR:

The situation in Madagascar means that power restrictions continue to be in force. A number of Radio Netherlands transmissions have been temporarily transferred to other transmitter sites. These arrangements will remain in force until further notice.

(RN News Media)

### PORTUGAL:

**RDP.** The transmissions of RDP with the new 300 kW transmitter and the new antennas are as follows (from Jun-18):

Monday to Friday

9840 0500 0755 18,27,28 LIS 300 45f . 11960 0800 1200 18,27 LIS 300 45f

15295 2300 0200 12-15 LIS 300 226f . 15525 1600 1900 27,28 LIS 300 45f

Saturday and Sunday

13640 0700 1355 18,27,28 LIS 300 45f . 15555 1400 2000 27,28 LIS 300 45f

(Vasily Gulyaev via CUMBRE)

### USA/UK.

**MERLIN SIGNS CONTRACT WITH FAMILY RADIO** | Excerpt from press release from UK transmission company Merlin Communications on 25 June Merlin Communications International, now part of the Vosper Thornycroft Group, has signed a contract with religious broadcaster, Family Radio to deliver current Family Radio programming on its global short wave network.

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In addition to the existing transmissions, Merlin will provide an additional seven hours programming a day. Merlin will transmit Family Radio programming from sites in the UK, Ascension Island, UAE and South Africa, providing Family Radio with extensive coverage of their key target regions, which include Central, South and West Africa, Russia, India and the Middle East. Family Radio programming is received by Merlin in its Central London Control Room via FTP and fixed circuits, and they are then distributed via satellite to its UK and overseas sites for distribution on short wave. (DXLD)

### VIETNAM:

Here is the latest schedule for English language broadcasts for the Voice Of Vietnam:

1700–9725. 1800–13740, 11640. 1900–13740, 11640. 2030–13740, 11640.

2330–9840, 12020. 0100, 0230 & 0330–6175. 1000–9840, 12020. 1100–7285.

1230–9840, 12020. 1330–13740, 11640. 1600–13740, 11640. 1630–13740, 11640.

All broadcasts are 30 minute duration. *For those interested in listening to Vietnam many of these are well heard in NZ. Ed.* (Schedule VOV)

**Radio Prague.**      [www.radio.cz](http://www.radio.cz)

### TESTS FROM LASER RADIO

Laser Radio will be running its first test broadcast on Sunday 7 July 2002 on 5935 kHz short-wave.

**Laser Radio plans to be on the air every Sunday in July**, transmitting with 100 kW between 1400 and 2200 UTC.

Laser Radio will acknowledge reception reports for our shortwave broadcasts with a special "first year" QSL card. Only 2002 of these numbered QSL cards will be produced. £2 or 3 euro or US\$3 is requested.

Reception reports should be mailed to:

Reception Reports, Laser Radio, BCM Aquarius, London WC1N 3XX, Great Britain.

(hcdx news desk, 3 July 2002)

### LATIN CORNER

#### ARGENTINA:

**Radio Maranatha/Radio Baluarte. 6215khz.** There has been considerable confusion regarding these two stations both operating on the same frequency, 6215khz. With info received from WWDXC this is now explained. Apparently Radio Maranatha is the ID used for Spanish language broadcasts and Radio Baluarte is the ID for broadcasts in Portuguese. Radio Maranatha operates also on 1610khz MW. And their FM outlet is Cultura on 101.7. *This is a religious broadcaster and address for reports was included in May Times.*

*Station has been widely reported between 2330 and 0215utc which rules out reception here in NZ but it has also been reported at 0800utc which makes it a distinct possibility in this region so those interested in Latins keep an ear on this frequency during our evenings. Ed.*

Latest update is:

Radio Baluarte, Argentina, is transmitting daily on shortwave 6215.06 kHz between 1000-0300. Power is 1 kW. The station is transmitting from Puerto Iguazo, Misiones, Argentina. In

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the sign on announcement, Radio Baluarte announced this postal address: Radio Baluarte, Casilla de Correo 45, 3370 Puerto Iguazo, Provincia de Misiones, Argentina (HCDX)

### COLOMBIA:

**Voz de tu Confidencia on 6064v kHz** . La Voz de tu Conciencia, Colombia, is testing on 6064.5 kHz. This station was first heard by DXer Bjrn Malm in Ecuador, and has later been confirmed as being Lz Voz de tu Confidencia by DXer Rafael Rodriguez in Colombia, who on 23 June 2002 heard the station with this ID's: "... en emisiones de prueba, transmite 6065 La Voz de su Conciencia desde ??? para el mundo..."

The station mentioned its address as being Apartado Aereo 95300, Bogota, and having written to them, Rafael Rodriguez received with returning mail the information brochure "Rescate a su Familia". Rafael Rodriguez, Colombia, Conexion Digital, 23 June 2002

La Voz de tu Conciencia is run by Russell Stendell out of Lomalinda in the southeastern plains of Colombia, which reaches into an area that is mostly guerrilla controlled, but also reaches some drug traffickers and some paramilitary.

The station is planning to move to 6060 kHz to avoid interference by Family Radio on 6065 kHz. hcdx news desk, 27 June 2002

### PERU:

**San Miguel now on 5500v kHz** Radio San Miguel, San Miguel de Pallaques, Cajamarca, is now heard regularly on 5500 kHz, with a slight variation of frequency between 5499.25 and 5500.58 kHz. The station announces 5500 kHz as well as 1450 kHz medium wave and 101.1 MHz FM.

This station has earlier been heard on 6339.67 kHz in 2001, then giving ID as "San Miguel Arc-nge-l Radio". Now they seem to have shortened the ID to just "Radio San Miguel", with a variation as "San Miguel, super radio".

Bjrn Malm, Ecuador, via SWB, 16 June 2002

### PERU:

#### **New Peruvian on 4678.8 kHz**

**Radio Paz Peru Internacional**, Chiclayo, Peru, transmitting on 4678.86 kHz, has been heard for the first time on 12 June 2002 at 0155 UTC.

Seems to be a new station, at least on shortwave. Probably been on the air for only a few days.

ID often as: "Radio Paz Peru Internacional para todo el Peru y el mundo".

Sometimes various IDs: "Radio Paz Peru", "Radio Paz Internacional" or only "Radio Paz".

Gives email address as [radiopaz@terra.com.pe](mailto:radiopaz@terra.com.pe) The street address given a few times together with education on distance by radio and ads for clothes, include the number "47" and "Chiclayo". The audio quality is not the best. The programme consists of Peruvian music, both secular and Christian. Transmitting schedule seems to be 2300-0300 UTC. Bjrn Malm, Ecuador, via SWB, 16 June 2002

**Radio Maranon Peru**. [www.radiomaranon.org.pe](http://www.radiomaranon.org.pe)

## FEATURED FREQUENCY

this month is 9560khz. See how many of these you are able to hear and identify. Good listening!!

| FREQ    | TIME.     | STATION.                  | COUNTRY.  | DAYS.   | LANGUAGE         |
|---------|-----------|---------------------------|-----------|---------|------------------|
| 9560.00 | 0100-0130 | Radio BUDAPEST            | HUNGARY   | 1234567 | English          |
| 9560.00 | 0130-0227 | VOIRI TEHRAN              | IRAN      | 1234567 | Spanish          |
| 9560.00 | 0200-0300 | Radio KOREA International | CANADA    | 1234567 | English          |
| 9560.00 | 0300-0357 | CHINA RADIO International | CANADA    | 1234567 | Spanish          |
| 9560.00 | 0300-1100 | Radio Xinjiang            | CHINA     | 1234567 | Uighur           |
| 9560.00 | 0400-0457 | CHINA RADIO International | CANADA    | 1234567 | English          |
| 9560.00 | 0430-0530 | Radio AMAHORO             | ETHIOPIA  | 1.....7 | Kinyarwanda      |
| 9560.00 | 0530-0545 | Radio FINLAND             | FINLAND   | .23456. | German           |
| 9560.00 | 0530-0600 | Radio FINLAND             | FINLAND   | 1.....7 | French           |
| 9560.00 | 0545-0600 | Radio FINLAND             | FINLAND   | .23456. | French           |
| 9560.00 | 0600-0700 | Radio FINLAND             | FINLAND   | 1234567 | Swedish          |
| 9560.00 | 0930-1025 | VOICE OF TURKEY           | TURKEY    | 1234567 | Romanian         |
| 9560.00 | 1100-1200 | VOICE OF PEACE            | ETHIOPIA  | 1234567 | English / Somali |
| 9560.00 | 1100-1400 | Radio SINGAPORE Inter.    | SINGAPORE | 1234567 | Mandarin         |
| 9560.00 | 1200-1300 | Radio ETHIOPIA            | ETHIOPIA  | 1234567 | Somali           |
| 9560.00 | 1300-1400 | Radio ETHIOPIA            | ETHIOPIA  | 1234567 | Afar             |
| 9560.00 | 1400-1500 | Radio ETHIOPIA            | ETHIOPIA  | 1234567 | Arabic           |
| 9560.00 | 1600-1700 | Radio ETHIOPIA            | ETHIOPIA  | 1234567 | English          |
| 9560.00 | 1600-2200 | VOICE OF TURKEY           | TURKEY    | 1234567 | Turkish          |
| 9560.00 | 1700-1800 | Radio ETHIOPIA            | ETHIOPIA  | 1234567 | French           |
| 9560.00 | 1900-2000 | VOICE OF PEACE            | ETHIOPIA  | 1234567 | English / Somali |
| 9560.00 | 2030-2127 | CHINA RADIO International | CHINA     | 1234567 | French           |
| 9560.00 | 2130-2227 | CHINA RADIO International | CHINA     | 1234567 | French           |
| 9560.00 | 2210-2230 | Radio JAPAN               | JAPAN     | 1234567 | Korean           |



# Index of Technical Articles Published in the DX Times 1980-2001

Compiled by  
Cliff Couch  
Paraparaumu

Do you sometimes have a DX problem and recall that it has been addressed in a 'New Zealand DX Times' article but you can't quite remember when?

Here is a quick reference to titles arranged in order of year and month with brief comment, where necessary, to give a better idea of what the article covers. My thanks to Ian Cattermole for making available copies of the 'DX Times' prior to 1988 and to Paul Ormandy for his suggestions re format.

Sections in Order are as follows

- Propagation and DX Reception
- Antennas.
- Equipment Reviews.
- The Internet.
- Digital Signals.
- Air Communications.
- Book Reviews.
- Miscellaneous.

The complete list will also be available from the League web site [www.radiodx.com](http://www.radiodx.com)

## **PROPAGATION AND DX RECEPTION**

|      |      |  |
|------|------|--|
| 2001 | Jan  | Beginners guide to MW DXing in NZ: with reception graph                    |
|      | Jan  | DXing Australia on MW. A comparison with New Zealand                       |
|      | May  | Assesing Quartz Hill. Wellington's new Te Araroa?                          |
|      | Sept | Frequency Prediction for SW/UTE listening and DXing. Useful aids           |
| 2000 | Jan  | DXing the USA on MW, Part 3. Sunset life (see 1999 December)               |
|      | Apr  | Auroral Effects on Trans-Polar Path Signals. Related to solar cycles       |
|      | May  | Sunset and Sunrise in NZ. Includes graphs of sunset, sunrise times in NZ   |
|      | May  | SW Reception in NZ. An update of 1997 April article.                       |
| 1999 | Dec  | DXing the USA on MW, Parts 1 & 2. Best reception times and sunrise lift    |
| 1998 | Dec  | Is it Dark in Ulaanbaatar? Obtaining times of sunset, sunrise worldwide.   |
| 1997 | Jan  | MW Windows. Plotting windows for MW reception.                             |
|      | Apr  | SW Recption in NZ. With reception graph for each SW band.                  |
|      | Sep  | Noise, noise and more noise. Sources of radio noise.                       |
| 1996 | Apr  | How to Use the SINPO Code.   |
|      | May  | How low can you go? An introduction to Longwave DX.                        |
|      | Aug  | The best of both Worlds. Paths of light/ darkness at a glance.             |
| 1995 | Jul  | Jamming, the Dark side of Transmission. A History                          |
|      | Jul  | Set your scanner searching. Use of the search function.                    |
|      | Dec  | Those elusive Africans. Reception pattern for African SW stations.         |
| 1993 | Feb  | So you want to start DXing? Beginning with the 22 metre band.              |
|      | Mar  | Relay Usage, Callsign change & verification totals. What are you reporting |

|      |      |  |
|------|------|--|
|      | Sep  | Reception reports and SINPO Codes.   |
| 1992 | Apr  | Frustration in Frequency finding. Frequency allocations.   |
|      | Jun  | Frequency Allocations. 1605kHz to 28000 kHz  |
|      | Jun  | When is a QSL Not a QSL?   |
|      | Aug  | Is it all in a name? Receivers and reception reports.  |
| 1990 | Sept | Radio NZ International, The New SW Installation. Includes a useful Great Circle map on Mercator Projection.              |
| 1989 | Feb  | Getting the Edge. Greyline forecasting using the DX Edge.  |
|      | Feb  | Question Time. Answer to question concerning FM & TV DX reception  |
|      | Mar  | Frequency Modulation. FM transmission described.   |
|      | Apr  | Medium wave expansion. Details of changes.   |
|      | Dec  | Donald Duck Calling. Answer to question re SSB reception.  |
| 1988 | Jan  | QRP. Reception of low powered stations.  |
| 1987 | Aug  | How Radio Waves Travel. Extract from 'Better Radio/TV receptio'  |
|      | Dec  | Softwave Review. 'Terminator' computer program for locating daylight darkness terminator world wide.                     |
| 1986 | May  | Open carriers. Carriers left on after station shut-down.   |
|      | Jun  | Medium Wave News. Various American FCC decisions.  |
| 1985 | Jun  | Mean Sunrise and Sunset Times. In NZ, Africa and Central and South Am.   |
|      | Oct  | The Importance of Impedance. How to make a balun.  |
| 1984 | May  | How to Conduct a Frequency Survey. Includes recording, station identification and outcomes.                              |
|      | Jun  | Flutter Jamming on Medium wave.  |
|      | Aug  | Flutter Jamming on Mediumwave. Continued.  |
| 1983 | Aug  | Great Circle Bearings and Distances. To World Centres from Auckland Te Araroa, Wellington, Christchurch and Invercargill |
| 1982 | Mar  | Evaluation of Signal Strengths. Use of S-meter and SINPO Calculations.   |
|      | Dec  | Beginning to Listen. Practical guidance for new DXers.   |
| 1981 | Feb  | Great Circles. Brief Comment related to Lands & Survey Department great circle map.                                      |
|      | Mar  | The Auroras. Most common occurrences and effects on propagation.   |
|      | Apr  | The Auroras. Most common occurrences and effects on propagation.   |
|      | Apr  | From our contemporaries. A discussion on noise and reporting.  |
|      | May  | Noise. Further discussion on noise and reporting.  |
|      | May  | Tropical Band DX. Fundamentals necessary for a worthwhile effort.  |
|      | Dec  | FM Days of Reckoning. Development of FM transmission.  |
| 1980 | Jun  | Who is Interfering Now? Radar interference.  |
|      | Jun  | Guidelines for DXing. With emphasis on station identification.   |

## **ANTENNAS**

|      |     |  |
|------|-----|--|
| 2001 | Apr | Building an antenna on the cheap. 5 metre mast for Alpha Delta Sloper. |
|      | Sep | Easy 'Bucket' aerials. Based on portable short masts.                  |
|      | Sep | Ground Radial Antenna Update. See 1999 Oct article.                    |
| 1999 | Jan | Of Baluns and Earthing.  |
|      | Jan | Sony AN-LP1 SW Active Antenna  |
|      | Apr | Aerial Tips. Aerial, coax and earthing tips                            |



|      |     |   |
|------|-----|---|
|      | Sep | Going Loopy. Experiments with horizontal loops  |
|      | Oct | Radial Wire Aerials. Including earthing and receiver connections  |
| 1998 | Dec | DXing in a Retirement Village. Antenna solutions  |
| 1996 | Apr | Getting aerials over tree tops.   |
|      | Oct | Interference Reducing antennas for the MW   |
| 1995 | Mar | St Helena or Bust. Experiment with V-beam and loop antennas.  |
|      | Aug | Using a remote aerial for MW DX.  |
| 1994 | Apr | Connecting a long wire to a portable whip aerial.   |
| 1992 | Mar | The Quarter Wave Vertical/Ground Plane antenna.   |
| 1991 | Jan | DX440-Sangean ATS 803A and others BCB improvements. Instructions for making a plug-in loop                |
|      | Aug | An antenna switching system. Instructions for construction.   |
| 1990 | Mar | Active Antenna/Loop Amplifier. With description and circuit diagram                                       |
|      | Apr | Loop Tuning Via varcap diode. Advantages and disadvantages.   |
|      | Sep | Beverage Aerial Experiments. Purpose, results and comment   |
| 1989 | Aug | LIL-1. Circuit to generate cardioid patterns using inverted L longwire.                                   |
| 1988 | Mar | Antenna Tuner (Active) for any longwire or Beverage Antenna. Description and diagram.                     |
|      | May | A Booster Circuit for Broadcast Band DX. Description and diagram (Also see Correction 1988 Aug)           |
|      | Aug | Simple HF-VHF Antenna. Switchable sloping dipoles.  |
|      | Sep | The Solution for Shrinking Real Estate. A loop for cardioid reception pattern. (Description and diagrams) |
| 1987 | Apr | DXCLUSIVE Phasing out local stations by Computer.   |
|      | Jun | Shortwave Loop. Instructions for construction.  |
|      | Aug | How does he do it? Description of portable Beverage antenna with wave traps.                              |
|      | Nov | TV FM DX. Description of a simple indoor FM Antenna.  |
| 1986 | Jun | DX Special.. Theoretical and practical aspects of the Beverage antenna.                                   |
|      | Jul | Hot-rodding Receivers with in-built rod antennas for loop BCB DXing                                       |
|      | Aug | DX Recipe. The Waianakarua Beverage. Fully described.   |
|      | Nov | A system for Tuning Beverage of Longwires with a Loop. Fully described.                                   |
|      | Dec | A High performance antenna for 88-108 MHz. Fully described.   |
| 1984 | Dec | Loop Differential Amplifier. Construction details   |
| 1982 | Apr | More thoughts on Antennas. Properties and ground effects.   |
| 1981 | Jan | The Folded Dipole or Doublet. Basic theory and construction   |
|      | Mar | More Antennas. The longwire and Beverage described and compared.  |
|      | Aug | A Two Beverage wire tuner. Construction and operating procedures.   |
| 1980 | Jul | Antennas. Basic antenna Principal for the beginner.   |
|      | Aug | Antennas. Selection and construction of the half-wave dipole.   |

## **EQUIPMENT REVIEWS**

|      |     |                                     |
|------|-----|-------------------------------------|
| 2000 | Apr | Kenwood TS 570 DS Transceiver.      |
|      | Jun | Sony ICF-SW07 Receiver              |
| 1999 | Mar | AOR 7030 Receiver.                  |
|      | Mar | 1998 Super Frequency List on CD ROM |

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|      |     |   |
|------|-----|---|
|      | Sep | Sony TCM 359V Cassette Recorder                                       |
|      | Dec | MFJ 1025 Noise cancelling signal enhancer.                            |
|      | Dec | MFJ 1026 Phaser   |
| 1997 | Sep | MFJ 1026 Phaser   |
| 1996 | Feb | Sony SRF-M32 FM/AM Walkman  |
|      | Feb | AR 8000 Scanner   |
|      | Apr | Sony ICF-SW 7600G Receiver  |
|      | Jun | JPS NRF-7 Digital signal processor.                                   |
|      | Jun | AOR 3030 Receiver   |
| 1994 | Feb | JPS NF60 DSP Notch Filter   |
|      | Mar | Sony TCM 38V Cassette Recorder  |
| 1993 | Nov | Yupiteru MVT-7100 Scanner   |
| 1992 | Feb | Sony ICF-SW55 World Band Receiver                                     |
|      | Jun | Sony ICF-SW77 Receiver  |
| 1991 | Aug | Sony ICF 7600 Receiver  |
|      | Sep | Japan Radio Company NRD 515 Receiver                                  |
|      | Nov | Drake R8 Receiver   |
| 1990 | May | Yaesu FRG-800 Receiver  |
|      | May | AMW2 Medium Wave Loop Antenna   |
|      | May | Sangean ATS-808 Receiver  |
|      | Jun | Lowe Electronics HF 225 Receiver                                      |
|      | Jul | Japan Radio Company NRD 525 Receiver                                  |
|      | Aug | ICOM IC R71 Receiver  |
|      | Sep | Philips D 1875 Portable Radio   |
|      | Oct | Kenwood R 5000 Receiver   |
|      | Dec | ICOM IC R1 Communications Receiver                                    |
| 1989 | Mar | GE Superadio II Receiver  |
|      | Apr | GE Superadio II Receiver  |
|      | May | Sangean ATS-803 & ATS-803A Receivers                                  |
|      | Jun | Philips D 2999 World Receiver   |
|      | Sep | Sangean ATS-803A Receiver   |
|      | Oct | Philips D2999 Receiver  |
| 1988 | Feb | Grundig Satellit 650 Receiver   |
|      | Aug | ICOM IC R71E Receiver   |
|      | Nov | Saisho SW 2000 Receiver   |
| 1986 | Jan | ICOM R71A Receiver (see page 12)                                      |
|      | Mar | The ICOM Battery Scandal (See Icom R71A 1985 Jan)                     |
|      | Mar | Yaesu FRG-8800 Receiver   |
|      | May | Kuramishi FC- 965 Frequency Converter.                                |
| 1984 | Sep | National Panasonic RF 3100 Receiver                                   |
| 1981 | Jun | Yaesu FRT 7700 Receiver   |
| 1980 | Feb | Kenwood R1000 Communications Receiver                                 |
|      | May | Equipment Review. Miscellaneous comments on various receivers and AGC |
|      | Oct | Sony CRF 1 Receiver   |

\*\*\*\*\*The Internet. , Digital Signals. , Air Communications. , Book Reviews. , and  
Miscellaneous indexes will be continued in the August 2002 DX Times. \*\*\*\*\*

# english in time order

Compiled by Yuri (George) Muzyka, Auckland



Time Order summary of Ken's Under 9MHz & Andy's Over 9MHz BandWatch columns. Please remember to include the date and signal strength with all your loggings, thanks. 73 - Yuri ("George") Muzyka, ZL1GYM <http://www.linradio.com/sources.htm>  
(yuri@win.co.nz \*\*\*SIGNAL STRENGTHS\*\*\* e = Excellent; g = Good; f = Fair; p = Poor.

| Time (UTC) | Frequencies (kHz) | Station Name        | Station Country | Log Date | DXer Name |
|------------|-------------------|---------------------|-----------------|----------|-----------|
| 0000       | 11615f            | R Prague            | CZECH REP       | 2/7      | JSB       |
| 0000       | 15385e            | REE                 | SPAIN           | 2/7      | JSB       |
| 0000       | 17635g            | KSDA                | GUAM            | 29/6     | KVB       |
| 0112-0115  | 9440g             | R Slovakia Int      | SLOVAKIA        | 5/6      | KVB       |
| 0130       | 9560f             | R Budapest          | HUNGARY         | 29/6     | JSB       |
| 0200       | 7210g             | R Minsk             | BELARUS         | 14/6     | IC        |
| 0225       | 15028.5f          | RFPI                | COSTA RICA      | 28/6     | IC        |
| 0228-0230  | 7210g             | R Belarus           | BELARUS         | 29/6     | CC        |
| 0246       | 6115p:7160f       | R Tirana            | ALBANIA         | 29/6     | CC        |
| 0255       | 9400f             | R Bulgaria          | BULGARIA        | 29/6     | CC        |
| 0315       | 15355f            | R Sultanate of Oman | OMAN            | 23/6     | IC        |
| 0337       | 5825g             | WEWN                | USA             | 22/6     | CC        |
| 0401       | 13690g            | D/Welle             | GERMANY         | 13/7     | AMQ       |
| 0410-0452  | 6890f             | WWFV                | USA             | 8/6      | KAB       |
| 0430       | 9540g             | VOA                 | USA             | 9/6      | IC        |
| 0430       | 17780g            | AWR                 | UAE?            | 6/6      | IC        |
| 0530       | 7255e             | V of Nigeria        | NIGERIA         | 16/4     | PB        |
| 0530       | 9500f             | TWR                 | SWAZILAND       | 17/6     | IC        |
| 0536       | 21795f            | R Thailand          | THAILAND        | 21/6     | CC        |
| 0600       | 6006              | BBC WS              | UK              | 22/6     | JSB       |
| 0630       | 5745f             | WHRI                | USA             | 9/6      | KAB       |
| 0633       | 5755p             | WHRI                | USA             | 9/6      | KAB       |
| 0635       | 5825g             | WEWN                | USA             | 9/6      | KAB       |
| 0700       | 6035g             | TWR                 | SWAZILAND       | 22/4     | PB        |
| 0726       | 9750:15295        | V of Malaysia       | MALAYSIA        | 21/6     | CC        |
| 0735       | 7445(USB)f        | RFPI                | COSTA RICA      | 21/6     | CC        |
| 0825       | 6090e             | Caribbean Beacon    | ANGUILLA        | 6/6      | IC        |
| 0827       | 12215g            | KTWR                | GUAM            | 6/6      | IC        |
| 0949       | 5019.9f           | SIBC                | SOLOMON IS      | 20/5     | RAD       |
| 0959       | 9885g             | RNZI                | NEW ZEALAND     | 30/6     | YK        |
| 1000       | 12015p            | V of Mongolia       | MONGOLIA        | 20/5     | RAD       |
| 1000       | 15590g            | NHK/R Japan         | JAPAN           | 31/5     | RFK       |
| 1130       | 9650p             | RKI                 | SOUTH KOREA     | 4/6      | RFK       |
| 1200       | 3200e             | TWR                 | SWAZILAND       | 15/4     | PB        |

|           |                     |                           |             |      |     |
|-----------|---------------------|---------------------------|-------------|------|-----|
| 1353      | 17505f:18960        | R Sweden                  | SWEDEN      | 29/6 | CC  |
| 1400      | 6190g               | BBC WS                    | UK          | 7/4  | PB  |
| 1500      | 11710g              | R Pyongyang               | NORTH KOREA | 16/6 | JSB |
| 1510      | 4965g               | V of Russia               | RUSSIA      | 26/6 | CC  |
| 1530-1531 | 11775f              | VOIRIB                    | IRAN        | 26/6 | CC  |
| 1538      | 9870p:11835p:12075f | R Netherlands             | NETHERLANDS | 26/6 | CC  |
| 1600      | 4800f               | R Lesotho                 | LESOTHO     | 7/4  | PB  |
| 1600      | 12015f              | RFI                       | FRANCE      | 2/7  | JSB |
| 1630-1638 | 5240f               | CPBS                      | CHINA       | 13/6 | IC  |
| 1700      | 17860f              | Channel Africa            | STH AFRICA  | 5/7  | JSB |
| 1725      | 5765(USB)g          | AFN                       | USA         | 23/6 | CC  |
| 1735      | 13580f              | R Sweden                  | SWEDEN      | 23/6 | CC  |
| 1744      | 7410g               | AIR                       | INDIA       | 23/6 | CC  |
| 1752      | 7185g:9550          | R Bangladesh              | BANGLADESH  | 23/6 | CC  |
| 1825      | 13820:15265g        | R Africa Int              | GERMANY?    | 21/6 | IC  |
| 1850      | 5985e               | R Congo                   | CONGO       | 21/4 | PB  |
| 1903      | 7155f               | HSK9 R Thailand           | THAILAND    | 9/6  | KAB |
| 1905-1911 | 12125g              | Jakada Radio Int          | SPAIN?      | 21/6 | KVB |
| 1915      | 6165f               | Zambia Radio 2            | ZAMBIA      | 24/4 | PB  |
| 1930      | 7165p               | R Polonia                 | POLAND      | 7/6  | IC  |
| 1949      | 3200f               | TWR                       | SWAZILAND   | 9/6  | PWO |
| 1950      | 5025                | VL8K                      | AUSTRALIA   | 27/6 | PWO |
| 2030      | 11640g              | VOV                       | VIETNAM     | 8/6  | IC  |
| 2054      | 9525f               | VOT                       | TURKEY      | 22/6 | CC  |
| 2100      | 6055g               | NHK/R Japan               | JAPAN       | 19/6 | IC  |
| 2145      | 6065p:15255g        | R Sweden                  | SWEDEN      | 9/6  | KAB |
| 2150-2100 | 6175g               | High Adventure Ministries | USA         | 10/6 | KAB |
| 2209-2222 | 9570f               | VOIRIB                    | IRAN        | 8/6  | KVB |
| 2228-2229 | 11620f              | AIR                       | INDIA       | 8/6  | KVB |
| 2230      | 11685f              | BBCWS                     | UK          | 8/6  | KVB |
| 2245      | 9705g               | AIR                       | INDIA       | 6/6  | IC  |
| 2324-2328 | 9705f               | VOA                       | USA         | 3/6  | KVB |



Hits of the 70's, 80's, 90's and Today



The Press Christchurch reports the voice of Meri Leask on Bluff Fishermens Radio heard on 4417 at 1920 and 0700 UTC. Meri, the wife of retired fisherman Ian, is a relieving operator at Bluff police station as well as being an SAR volunteer.

Bluff transmissions can be heard from Apia to the Ross Sea. A very busy and public spirited lady is Meri.

In 2001 Shanwick OACC was heard to call Dell 68 requiring identification and flight plan. After several requests the pilot eventually reported his aircraft as being a high flying U2. Not bad security for an over 30 years aircraft.(Short Wave magazine)

From August Utilities loggings will be included in the ladders section of the DXT.

- |      |      |  |
|------|------|--|
| 3023 | 0700 | VJM Macquarrie base to field parties with seal and penguin counts and Wx. NM   |
| 4030 | 1006 | VKL/RFDS Port Hedland stating concern over a patient with problems from 3 weeks ago. NM  |
| 5547 | 0845 | San Francisco/North West 946 with posn report at 0845. FL 330 Temp -41 Fuel 86.5. Request FL 360. Maintain 360 and report reaching. EM |
| 5547 | 0755 | San Francisco/Pacific 821 with posn report. FL 380. Call Honolulu 127.6. EM  |
| 5817 | 0934 | Gulf 479/Gulf 327. Visit by church groups to Goroka with supplies. Husband and wife sick. (Missionary Aviation Fellowship) NM          |
| 6230 | 1000 | RCC Australia with Wx. High seas and storm warning for Qld, S and W Australia. NM  |
| 6230 | 0942 | RCC Australia with Wx for Qld for Friday, Saturday, Sunday. EM   |
| 6350 | 0856 | USCG Chesapeake with Wx North of 29 North Thunderstorms. EM  |
| 6604 | 0821 | Gander Volmet with Wx for Toronto , Ottawa, Montreal. EM   |
| 6640 | 1012 | New York/World 274 departed Dayton bound for Lajes. Payload 86122. Take off pilot A500. SC GH-DR, N274WA. NM                           |
| 6692 | 0954 | Khabarovsk/Magadan with 2 women conversing. EM   |
| 6880 | 0830 | VJK (RFDS Meekatharra, WA)/VNL 62. Request for mobile comms phone number. NM   |
| 6965 | 1002 | VJI (RFDS Mt Isa) taped message. NM  |
| 7975 | 0710 | Australian Mobile Home net. Visiting Brisbane historic sites. NM   |
| 8362 | 0347 | Unid Australian with graphic description of snakes. NM   |
| 8867 | 0347 | Singapore 286/Brisbane requesting 20 miles W of course. Climb to and maintain FL 320. EM   |
| 8867 | 1006 | Tahity/NZ 53. Do you read me? No answer. San Francisco and Brisbane also called Tahiti with no answer. NM                              |
| 8867 | 0803 | Nadi/Air Van 7004. FL 250. Call Nadi 126.7. NM   |
| 8867 | 2143 | Brisbane/Kiwi 394. EM  |

8867 0135 Auckland/Cathay 108 with posn report. FL 340. LIBON at 0247. EM  
8867 0951 Brisbane/Aircal 151. EM  
8867 0538 Nadi/United 86. Secondary 5643. EM  
8921 0452 Speedbird London/JMC 304. Airbus GB-XXC. Requesting Selcal RS-EX. NM  
8921 0443 Speedbird London/Unid 6082. Corfu to Manchester reporting lightning strikes on departure Corfu. Left wing # spoiler appears to be 3-4 inches in diameter and to be a puncture and flapping of insulation. ETA Manchester 0608. NM  
7874 0825 Air Force Townsville/Wombat 239 asking for messages (Caribou 35 Squadron per Bob Bell , Australian Aviation magazine) NM  
8992 0547 Rado 1/Unid GHFS with 22 letter code statement. EM  
9007 0534 Trenton Military/Rescue 339 PP to RCC Trenton. SCFM-GL Our ETA to zone is 0626. NM  
9031 0433 PA Ops FOP. We're 5 to 10 East over Lake Grassmere. ETA Christchurch 5 past the hour. Flight Watch Cyprus comes through asking for aircraft calling. NM  
9031 0106 PA Ops FOP airborne Napier heading to N 84 then N 83. We have one VOI on the way. NM  
10048 0759 San Francisco/Unid. FL 350. Posn 40 N 160 E. Position is off North Japan. EM  
10048 0857 San Francisco/Unid. SC FG-EP. EM  
10048 0859 San Francisco/North West 12. EM  
10072 0415 Nadi/Pacific 121. After 5 we will see you on 66376. Honolulu at 0840. EM  
11175 0840 Thule/Reach 111Y. PP to Langley. At Charlie 5 in bound ETA 0930 your time 0530. Is it OK arrival your quiet hours. No restrictions. NM  
11175 1017 Andrews/Cacti 22. Request permission to fly direct home. We have no reason to call in to Goose Bay and enough fuel. What is your ETA to Fairbanks. 5 hours. OK by Fairbanks to proceed straight in with a 3 hours outcall. NM  
11175 0435 Shocker Control/Turbo 11. Due to lateness our ETA will be 0515. Was to have been 0435. Garden city in approximately 35 minutes. We have 85 K fuel. Turbo 72 can take as much as he wants. NM



P3 Orion at Oamaru  
Airport  
Photographs Courtesy of  
Basil Jamieson



11247 0646 Cyprus flight watch/Ascot 3200. Require Wx for Tenerife. NM  
11253 0330 RAF Architect. Wx for Stansted and Stavanger. EM  
11345 0423 Stockholm/North American 80. Departed Cairo (HECA) 0357 ETA Shannon (EINN) 0951. SC DG-AR. Listed as N457GA . Kuwait Airlines. NM  
11360 1032 Ezeiza Volmet. EM  
11387 0951 Singapore Volmet with Metar for Bali and Penang. EM  
11396 0936 Malaysia 775/Manila. EM  
11396 0940 Bali/Singapore 236. EM  
13261 0149 NZ 99/Nadi. Sigmet. Turbo at 164 E moving East at 5 knots. EM<  
13261 0148 N7RE/Nadi. EM

|       |      |  |
|-------|------|--|
| 13270 | 1025 | Gander Volmet with Wx Edmonton, Winnipeg. EM   |
| 14997 | 0148 | Adelaide Base National 4 x 4 network. Trent was to be fitted up with Selcal Thursday pm. Was 0630 and the other one 0532 to Perth. Adelaide is OK but Perth was put in incorrectly. NM |
| 14997 | 0500 | V1427-V1420. Craig having problems with rear diff (Adelaide Base National 4 x 4 network) NM  |
| 17925 | 0546 | Springbok Johannesburg/Springbok 281. Ops normal. Departed 0434. ETA 0635. Any info on soccer ? NM   |
| 118.7 | 0210 | Auckland Tower/Qantas 119 established. EM  |
| 118.7 | 0301 | Auckland Tower/Qantas 115 established. EM  |
| 118.7 | 0248 | Auckland Tower/NZ 122. EM  |



#### Contributors

NM - Neville McKenty, Napier - NRD 545 and Icom R 70 with various antennas  
 EM - EM Evan Murray, Auckland - Kenwood 5000 with 30 m wire and T2FD



**tv.fm@radiodx.com**

**Compiled by Adam Claydon, Te Kuiti**



Greetings all from a very wet Te Kuiti. You can email your contributions to [claydon@clear.net.nz](mailto:claydon@clear.net.nz) or [tv.fm@radiodx.com](mailto:tv.fm@radiodx.com)

**Latest Auckland Guard band Situation** "Unforgettable Music 88.2" from Mount Eden has been in the clear on 107.0 since last weekend. This is the first to move to the new guard band range in Auckland. They often mention that they are also heard on 1593AM on Sunday afternoons. Buck FM 100.2 has been silent since mid-week. I suspect this may be coming from a high school on the North Shore and is off air now that term is over. 100.8 with non-stop oldies is believed to be from Ericsson Stadium, as they carry the Warriors rugby league games live. Otherwise no identifying announcements have ever been heard. (Bryan Clark)

**George Joins Sky Digital Stable** George FM joined the Sky Digital line-up on July 1, to reach an ever-wider audience and complement its existing FM networking in Auckland, Hamilton and Queenstown. The station is available on Sky's Channel 104. (Median Strip June 20) Also TCM movie channel is back on Sky Digital on channel 24.

**Massy Uni To Launch Wellington Radio Station.** Students at Massey University's satellite campus in Wellington are to establish their own radio station - Munt FM - in the capital. Programme Director Claire Medcalf says the station will be non-commercial, with heavy NZ music content, staffed by students. "We plan to launch on the first day of the next semester and will be in it for the long haul. We're aiming to maintain a minimum 60 per cent New Zealand music quota, focusing on promoting local musicians to the max." (Median Strip June 19)

**Greymouth** Pegasus Gold 88.3 now on air in Greymouth, covering area to Shantytown and Boddytown also. 1950s/1970s music, on relay from Radio Pegasus, Christchurch 24/7 with local community notice inserts. Radio Pegasus has transmitters at Bishopdale, Linwood, Cashmere and Belfast all on same channel. (The Press, July 5 via David Ricquish)

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**Australian Influence Looms** It's looking increasingly like New Zealand's largest radio company will wind up in Australian hands following reports this week that those companies to lodge 'indicative bids' for CanWest's local TV and radio assets all have Australian connections of some form. The bidding process, being handled by stockbrokers JB Were, is confidential. However, newspaper reports on both sides of the Tasman this week suggest the contenders are Australia's Ten Network, Austereo and RG Capital, and local TV company Prime Television, which is in turn part-owned by an Aussie, Kerry Packer. Prime is said to only be interested in getting hold of TV3 and TV4, not radio. Inside running still looks to lie with the Ten Network, which is half-owned by CanWest. Final bids are not due for another month. (Median Strip June 20)

**AFTRS team ready for the RUSH** Every year students in the full-time commercial radio course at the Australian Film Television and Radio School launch their own youth targeted radio station as they approach the end of their seven-month long course. This year the station is called RUSH FM and will be on air for two weeks, first on the Internet and, in its second week of broadcasts, on FM 100.7 in Sydney's west. The WOW FM community radio group is loaning the frequency, to AFTRS. You can listen to RUSH at [www.aftrs.edu.au/rush](http://www.aftrs.edu.au/rush) (AMT News July 2002)

**New community licences for Northern NSW** The ABA has allocated new community radio licences for Casino, Coraki and Nimbin in northern New South Wales. The Casino licence was allocated to Casino's Own Wireless Association Inc (COW) to serve the general community on FM 107.9. The Coraki licence was allocated to Community Radio Coraki Association Inc on FM 88.9. The Nimbin licence was allocated to Nimbin Independent Media Inc on FM 102. All three permanent licences will commence on 1 July, following on from their existing temporary community broadcasting licences. (AMT News July 2002)

**Gold Coast and Nambour applications called.** The ABA is inviting applications for two new commercial FM radio licences in Queensland. One licence is to serve the Gold Coast (FM 102.9) and the other to serve Nambour (FM 91.1). The application period will close at midnight on Tuesday, 23 July 2002. (AMT News July 2002)

**Victor Harbor licence called** The ABA has also invited applications for two new community FM licences in the Victor Harbor area of South Australia. The first licence is for FM 89.3 in Victor Harbor, with translators on FM 94.7 in Strathalbyn and 88.3 in Yankalilla. The second licence is for FM 90.1 in Victor Harbor only. (AMT News July 2002)

**Indian commercial radio expanding.** Commercial FM radio in Mumbai India is all abuzz according to Gerald Brown's e-broadcastnewsasia. "Five stations are all going on air within the space of two months since the Government opened up the airwaves," reports Brown. Radio City has been the latest station to launch. "While it is early days yet, it appears that Radio Mirchi and Radio City would focus on more mass programming, dominated by Hindi film music while GO 92.5 and Radio Win will orient to a urbane, English speaking audiences," according to Brown. A recent survey conducted by Madison Media shows overall FM listenership has increased significantly as a result of the new stations going to air, with 56 per cent of people surveyed tuned in to FM.







Hi all, Well an unseasonal burst of pirate activity from the USA has rewarded those that tune around between 6925 & 6955kHz. Just about every Sunday, someone has been airing "alternative" programming, and a couple are particularly strong!

**John Durham**, Tauranga, checks in with veries in from: Radio Casanova International. 6276, Que Huong Radio via KWHR 9930

Thanks to **Glenn Hauser** for pointing out mis-identification of the Afghani clandestine last time and an even bigger thanks to the crew from [ClandestineRadio.com](http://ClandestineRadio.com) (namely Martin Schoech and Nick Grace) who have kindly allowed us to reproduce material from their excellent web-site. I guess anyone who is internet-enabled will now be visiting them!

The first offering from [clandestineradio.com](http://clandestineradio.com) is indeed Afghanistan. Below is a review of the various operations broadcasting clandestine programs on SW from/to the area:

### **Information Radio**

Organization: The U.S. military in order to educate the public in Afghanistan about the humanitarian airdrops and also to reassure them that the military campaign is targeted at Osama bin Laden and the Taliban

Broadcasts from: Bagram Airbase, Afghanistan. Station sits under a tent supported by four humvees.

Between October 2001 and March 2002 6 EC-130E "Commando Solo" aircraft were used, flying above Afghanistan. Broadcast on SW was fed from a transmitter in Turkmenistan.

Languages: Pashto, Dari

Identification: (Pashto) Ma'utumar Radyo

Active Since: October, 2001

Contact Address: Unknown

Monitored: Oct 01: \*0030-0530\* 864, 1107, 8700 kHz USB

\*1230-1730\* 864, 1107, 8700 kHz USB (BBCM)

Apr 02: Station relocated to Bagram Airbase in Afghanistan

24 hours per day 864, 8700 kHz USB (AP)

1555-2400+ 8700 kHz USB (Petersen-Denmark CRW 104)

### **Radio Free Afghanistan**

Organization: Radio Free Europe/Radio Liberty (U.S. Government)

Broadcasts from: RFE/RL sites Languages: Dari, Pashto

Identification: (Pashto) Da Azad Afghanistan Radyo (Dari) Radyo Afghanistani Azad

Active Since: January 30, 2002

Contact Address: RFE / RL, 1201 Connecticut Ave, NW, Washington, DC 20036 USA

Monitored: Jan 02: 1300-1330 Pashto 11920, 15525, 17725 kHz

1330-1400 Dari 11920, 15525, 17725 kHz

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1700-1730 Pashto 6170, 9785, 11920 kHz  
1730-1800 Dari 6170, 9785, 11920 kHz (RFE/RL CRW 94e1)

### **Radio Sedaye Afghanistan (Radio Voice of Afghanistan)**

Organization: Afghan Broadcasting Company, which is owned by the Said Jalal Foundation - a London-based non-profit headed by 32-year old Afghan businessman Said Jalal Karim that runs schools in Saudi Arabia and Afghanistan. The station was established to give a voice to "the moderate Afghan political opinion."

Broadcasts from: Samara, Russia Languages: Dari, Pashto

Identification: (Dari) Radio Sedaye Afghanistan

Active Since: November 17, 2001 (Officially launched Nov 27, 2001)

Contact Address: 21 Worship Street, London, EC2A 2DW, UK

Tel: +44 20 7 382 9610 e-mail: [afbc9950@hotmail.com](mailto:afbc9950@hotmail.com)

Monitored:

Nov 01: \*1330-1430\* 9950 kHz (Hauser-USA DXLD 1-176)

Apr 02: \*1230-1630\* 15480 kHz (Rudnev-Russia CRW 104)

1400-1430\* 15480 kHz (Barrera-Argentina CRW 105)

May 02: \*1330-1400\* 17870 kHz Dari \*1400-1430\* 17870 kHz Pashto (Direct)

And we'll be bringing you more tuning information from other media hot-spots in coming months.

Trail Contributors: **Rich d'Angelo**, Wyomissing. PA, USA. **John Durham**, Tauranga. **Ken Baird**, Christchurch. **Paul Ormandy**, Oamaru.

6955 0600 USA "Radio Time Machine" at 0600z playing Devo's "We are D-E-V-O", followed by id, Radio Caroline slogan "You're listening to the circles in your mind. This is the new Radio Caroline" and The Hollies "The Air That You Breathe" Durham/Ormandy June 30

6950 0148 USA Sycho Radio, \*0148-0150 Jul 2, Man with opening ID followed by a rap tune. Fair. (D'Angelo-PA)

6955.1 0253 USA WNPR, 0253-0255\* Jul 1, rock music until brief sign off ID with a man mention call letters and a woman the frequency. Fair to good. (D'Angelo-PA)

6955, 0131 USA WHYP, 0131-0148\* Jul 2, Alan Barnyard with subconscious adventure for himself, Outer Limits theme music at 0142 and ID; address for postal (Box 28413, Providence, RI 02908) and e-mail ([whyp@partlycloudy.com](mailto:whyp@partlycloudy.com)) correspondence; sign off. Good signal. (D'Angelo-PA)

6955 05.30 USA KDAZE with a Ren & Stimpy saga! Durham 30/06/02

7145 0434 NZ, Christchurch fair with relay of Radio Ferrymede, pirate broadcast — Ken Baird 8/6

15069.7 0045 THE NETHERLANDS Alpha Lima International, 0045-0054\* Jun 2, rock music with long talk in English by Alf thanking listeners for tuning in and signing off. Fair. (D'Angelo-PA)

**FROM A CAROLINE SHIP TO A CAROLINE ISLAND** (via David Ricquish) Euroradio 2002, the Offshore Echo's / France Radio Club annual event, took place in Calais on Saturday 6th

July. This years theme was the radioship MV Mi Amigo, the home of Radio Caroline during the 1960's & 70's. Our guests were Steve England, Paul Rusling and Fred Bolland. As well as video of the Mi Amigo, our guests recalled their involvement. Fred Bolland spoke about providing finance for the Dutch service on Caroline, and a number of other offshore stations. Steve England remembered a number of anecdotes, as well as recounting how some of the Caroline jingles came together, while Paul Rusling told how George Harrison had given a number of sums of money to help Caroline. Paul also spoke about the new Isle of Man longwave station and revealed that the offshore aerial platform has officially been named Caroline Island. Pictures of Euroradio 2002 can be seen at our website [www.offshoreechos.com](http://www.offshoreechos.com) More pictures and news brief in Offshore Echo's 127, with a full report in OEM 128. For more details contact Offshore Echo's E-mail [oem@offshoreechos.com](mailto:oem@offshoreechos.com) Website [www.offshoreechos.com](http://www.offshoreechos.com)

**Que Huong QSLs** (from John Durham). The following is extracted from their QSL (verbatim): Monitoring of our broadcasts is important for the technical information we receive, as well as for information about our audience. Additionally, the stories of our listeners augment dimension of our transmissions , putting a "face" at the leading end of the short wave. As background, you should know that Que Huong Radio is a private Vietnamese Broadcasting Corporation mainly serving the Vietnamese American in the Northern Californian, United States since 1994. Que Huong Radio is the only 24 hour daily, all Vietnamese radio station outside Vietnam. We are broadcasting on 1120AM frequency. On shortwave program which mainly broadcasted to Vietnam, we are trying to promote freedom and human rights for all Vietnamese people in Vietnam. If you have any friend who is a shortwave listener, please encourage him to send reception reports to us at above address. Reports can be in English and Vietnamese." Signed Nguyen Khoi, Manager of Que Huong Radio. Addr: 2670 S. White Rd, Suite 165, San Jose, CA 95148. URL: <http://www.quehuongmedia.com/> E-mail: [quehuong@quehuongmedia.com](mailto:quehuong@quehuongmedia.com) Sked via KWHR: Apr 02: 1300-1330 9930 kHz

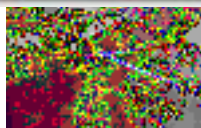
## Perlan Project Oamarama , New Zealand

After completing his Record Solo Balloon flight around the World Steve Fossett is expected to arrive in Oamarama on Sunday 21st July 2002 to join former NASA test pilot Einar Enevoldson in an attempt to take a specially modified glider to a world record altitude. If they are successful they may then build a special \$2 million glider to fly on the edge of space.

The record attempt includes research into future space travel and the ozone layer.

More information can be found of the web site at

<http://www.firnspiegel.com/perlan/index2.html>





WDJD 585 in Samoa has tentatively been reported in recent days by Nev McKenty from Napier. Nev first heard the station on June 15 with no call sign ID but mention of "the family station", modern style hymns, ads for the internet, books and a religious message at 1059. Early in July I heard the station again. The programme was in Samoan with mainly modern style hymns in Samoan. There were a couple of western style but could only guess at one being called "Victory for Jesus." Very good signal on peaks lasted from 1030pm to 1100 pm local time. There was no ID given last night." Paul Ormandy has kept a look out for the station too, and says Ruatoria is on top at that hour for him but there are two others underneath !

## **MAILBAG**

**PAUL ORMANDY** reports: "As I type this I'm listening to A3Z 1017kHz which is again easily audible now that Now Radio from Christchurch has switched off. I'd recommend that anyone who hasn't logged them does so now as there's a 2.5kW transmitter and an aerial tuned for 1017kHz sitting in a field in Marshlands waiting for an owner! Same goes for 1593kHz which may be occupied by R Samoa in AKL, though has recently lost Christchurch broadcaster "The Wolf" which seems to have gone quiet nation-wide. Some good news for MW DXers for a change!

QSLs in from: Now Radio 1017 YVOL R Mundial 860 KCWW Bakersfield CA 550 with a log of WDHP Kristianstad VI 1620 (also heard too by Steven Greenyer and Peter Grenfell).

**STUART FORSYTH** reports: a verie in from: KBBG 1700 logged at convention, on a ppc.

## **BROADCAST TRAIL**

|                    |  |
|--------------------|--|
| 650 1045 USA       | KHNR Honolulu, news and weather, fair NM   |
| 750 0622 ECUADOR   | HCRS2 R Caravana, Guayaquil, time-check and ids simply as "Caravana" mxd with CARACOL Medellin. PO   |
| 770 0643 COLOMBIA  | HJKH RCN Bogota, ad & t/c, female and male announcers swapping nx items PO   |
| 870 0516 ARGENTINA | LRA1 R Nacional, Buenos Aires, fair signal, male and female announcers swapping items. PO  |
| 940 0612 USA       | KWRU Fresno, CA. "Radio Unica" prog, fair sig with jingle and Julio Iglesias number. PO  |
| 950 0554 USA       | KPRC Houston TX, poor with talk show suffering heavy splash from NZers either side. Local id 0559.   |
| 1017 0738 TONGA    | A3Z Nuku'Alofa, poor-fair with talk in Tongan. Good to hear this again. PO   |
| 1030 0330 CHILE    | R Chilena, Concepcion (tent.) time pips and time as "23 horas y treinta minutos" and id "La cadena de noticias". Unfortunately, signal didn't last long enough for a log and definite id. PO |
| 1110 0728 MEXICO   | XERED, patchy through to 1000. 'Men in Black' NM   |

|                     |   |
|---------------------|---|
| 1170 0616 COLOMBIA  | HJNW CARACOL Cartagena, fair o/NZer with talk-back. PO  |
| 1420 1057 USA       | KCCN Honolulu. ID ESPN radio. News at 1100. NM  |
| 1460 1200 USA       | KRTR Honolulu quite regular through to 0100.  |
| 1470 0654 CANADA    | CJVB Vancouver, poor-fair with talk in Chinese, program sponsored by a Vancouver business. PO   |
| 1520 0341 COLOMBIA  | HJLI Ecos del palmar, Bogota, fr w/muisc progr, id 0347 and 0356. PO  |
| 1570 0438 CHILE     | R Familia del Maule, Concepcion, id "la gran fiesta en Radio Familia, 15-70 en amplitud modulada" and mx.   |
| 1620 0519 USA       | WTAW College Station TX, poor w/Art Bell talk-show. Best of X-banders as usual. PO  |
| 1620 0427 VIRGIN IS | WDHP Kristianstad, VCI. "Next Dimension" talk show with Patty Purcell till 0458:45 then one of the most comprehensive station identifications I have ever heard! And all at 99% intelligibility! PO |
| 1650 1000 USA       | KCNZ Cedar falls. NX and wx at 1000. ID "KCNZ AM1650." NM   |
| 1660 1040 USA       | WQSN ID as "1660 Sports," NM  |
| 1700 0503 USA       | WJCC Miami FL "Voz Cristiana" id, brief relig msg and gospel in SS. Poor sig. PO  |
| 1700 USA            | KBGG Des Moines IA, sampled a call change for about four days as WSJZ (or was it KSJZ) but from 20 June back as KBGG. Suggested FCC foul up.(NRC)   |

With thanks to NM Nev McKenty and PO Paul Ormandy.

## BROADCAST NEWS

### CANADA on X Band

An unidentified station, presumed to be the first licensed X-band station from Canada with a test transmission, has been heard on 1610 kHz with non-stop music. The station is believed to be transmitting from Montreal with 1 kw. According to CRTC's decision to approve the operation, the new station will provide programming to serve the Francophone ethnocultural communities of Haitian, Latin-American and African descent in the greater Montreal area. The license has been allocated to CPAM Radio Union.com Inc, which is a private commercial company owned by Mr. Jean Ernest Pierre. Contact information is listed as 10 St-Jacques Street Suite 807, MontrÉal, QC H2Y1L3, telephone 514-287-1288. (Sheldon Harvey and Barry McLarnon via NRC-AM via DXLD 2-105 via DXing.info June 30, 2002) via <http://www.dxing.info/news/>

### AUSTRALIA

- Australia's ABC celebrates its 70th birthday on 1st July 2002 with special events and programmes being aired over ABC radio. (Mark Nicholls)
- 3XX Melbourne 1611 now on air with 10 year licence from May 27. Format is dance/Top 40/retro 80's and 90's.
- World Audio has raised \$A6m in shareholder funds to underwrite Aussie wide network on AM. First station on air is Radio 2, Sydney 1611 which ID's as 'The New Voice of Sydney's West' (via AMT newsletter and David Ricquish)

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## USA

1680 KRJO LA, Monroe, QSL's in response to ppc and a long wait ! Issues a beautiful QSL form in black & yellow giving info on KRJO, V/S: Russell Kendrick-CE. I also got my first ppc back (dated 9/26/01) signed by: Tonya Lied (KRJO AM) (No title). Also enclosed was a bumper sticker. KRJO/The Radio People/1109 Hudson Lane/Monroe LA 71201.

### USA CALL and FORMAT CHANGES

| NEW CALL                 | OLD CALL    |
|--------------------------|-------------|
| 690 KQMQ - HONOLULU, HI  | KORL        |
| 790 WSWL - PENSACOLA, FL | WPNN        |
| 1170 KVOO - TULSA, OK    | <u>KFAQ</u> |
| 1210 WWJR - KINGSLEY, MI | WLDR        |
| 1400 WABY - ALBANY, NY   | WHTR        |
| 1400 KZEZ - PAROWAN, UT  | KITT        |
| 1420 KBBX - OMAHA, NE    | KHLP        |
| 1570 WRJQ - APPLETON, WI | WSCO        |

### FORMAT CHANGES

| FREQ | CALL -        | CITY NEW INFO                  |
|------|---------------|--------------------------------|
| 1090 | KYCW -        | SEATTLE, WA CL. C&W            |
| 1170 | <u>KVOO -</u> | <u>TULSA, OK KFAQ - TALK</u>   |
| 1290 | KIVY -        | CROCKETT, TX STNDS - ABC       |
| 1370 | KJCE -        | ROLLINGWOOD, TX DROPS SPORTS   |
| 1420 | KBBX -        | OMAHA, NE KHLP - TALK          |
| 1460 | WZNZ -        | JACKSONVILLE, FL SPORTS - ESPN |
| 1490 | WTCS -        | FAIRMONT, WV CONT. CHRISTIAN   |
| 1500 | KDFN -        | DONIPHAN, MO OLDIES - JRN      |
| 1550 | KXEX -        | FRESNO, CA SS. CHR             |

An experimental digital AM station is slated for New Jersey, operating on 1700 kHz with 50 watts. There's been a lot of controversy about how well the proposed IBOC digital system will work on AM, particularly at night, so it should be interesting to see how that experiment works out. (Nigel Pimblett, Medicine Hat, The Broadcast Band Column, June CIDX Messenger via DX Listening Digest 2-101 (22/6-2002)

## UNITED KINGDOM

The future of AM radio is being debated in the UK as well as in Canada. There is a link on the BBC web site on this subject. Should the band be used for specialized formats, community radio, or even for digital radio? Read the article "AM Radio Fights Back", [http://newswww.bbc.net.uk/hi/english/entertainment/tv\\_and\\_radio/newsid\\_1944000/1944097.stm](http://newswww.bbc.net.uk/hi/english/entertainment/tv_and_radio/newsid_1944000/1944097.stm).

## CHINA

Last month a Harris 3DX50 transmitter was shipped to China for **981 kHz**, low power. Harris have a few 600 kW rigs going to China in the near future. Glenn Swiderski of Harris Corp adds "We are finishing a 600 kW rig on **918 kHz** for China now and when the location is known we will advise the DX world." *Glenn Swiderski*, W7GS/9, May 7, Harris Corp., *DX Listening Digest* 2-077 (10/5-2002)

# Medium Wave Trail From Brisbane - Australia

Compiled by  
Stuart Forsyth

I recently spent ten days staying with Ray and Raewyn Crawford at their home in Forestdale, about 20 km south of Brisbane. Sutton Burtenshaw, a fine DXer, and his wife Kaye were also staying there when I arrived and naturally I took the AOR 7030 with me.

It was interesting to compare what can be heard from Ray's compared to what I hear at home. Naturally there were the little Aussie stations all over the band. Radio Tarana from Auckland boomed in one night. Yanks were there but were very hard to hear. You really do need a 300m plus wire, such as Chris Martin has at his home in Ormeau. Ray has a 100mNE wire, a N/S dipole, and E/W dipole, and a ground radial heading west. We could hear the Yanks, but apart from a couple of evenings, there was great difficulty hearing them well enough to get an id.

Solar conditions were poor and the MW and tropical bands were noisy and had splash for a good part of my stay. Below is a trail of what I heard. I haven't listed everything, but as you will see there was enough around to keep me busy. I have reported virtually all of these stations.

| Frequency | Country | Call     | Time  | Details   |
|-----------|---------|----------|-------|---|
| 531       | AUS     | 2MC      | 11.22 | Fair/ good with a little fading - pops // 2HC 639 3/7                 |
| 549       | AUS     | 2CR      | 12.00 | Excellent with ABC RR 2/7   |
| 567       | AUS     | 4JK      | 11.02 | Fair at best and mixed, ABC Regional Radio //612 4QR 3/7              |
| 576       | AUS     | 2RN      | 10.37 | Sydney - Excellent with Radio National 2/7                            |
| 585       | AUS     | 2WEB     | 12.04 | Fair/ fading, mixed with 7RN 6/7                                      |
| 603       | AUS     | 4CH      | 11.02 | Fair/ poor with splash from 612, ABC Regional Radio //612 4QR 3/7     |
| 603       | AUS     | 2RN      | 10.37 | Nowra - Poor - bad splash from 612 with RN programming 2/7            |
| 630       | AUS     | 2PB      | 20.40 | Good with ABC news radio format, but bad splash from 630 4/7          |
| 639       | AUS     | 5CK      | 20.35 | Fair, mixed 2HC. Sth Aust. nx and wx 2/7                              |
| 639       | AUS     | 4MS      | 11.02 | Poor and mixed with 2HC, ABC Regional Radio //612 4QR 3/7             |
| 657       | AUS     | 2BY      | 11.55 | Very good with some QRM ABC RR 1/7                                    |
| 675       | AUS     | 2CO      | 11.55 | Fair but noisy with ABC RR 1/7  |
| 684       | AUS     | 2KP      | 11.55 | Good, but splash from 4KQ ABC RR 1/7                                  |
| 720       | AUS     | 2ML      | 20.50 | Good with local farming show 2/7                                      |
| 720       | AUS     | 4AT      | 11.02 | Badly mixed but dominant, ABC Regional Radio //612 4QR 3/7            |
| 720       | AUS     | 2RN      | 10.37 | Armidade - Audible, but under 2ML 2/7                                 |
| 729       | AUS     | 5RN      | 20.55 | Look thru the papers - fair but deteriorated rapidly with sunrise 2/7 |
| 729       | AUS     | 7PB      | 20.40 | Fair/poor with ABC news radio - under 5RN 4/7                         |
| 756       | AUS     | 2TR      | 11.55 | Fair and lightly mixed with 3RN - ABC RR 1/7                          |
| 801       | AUS     | 5RM      | 11.54 | Poor/ fair but clear thru 2RF - pops and talk 3/7                     |
| 810       | AUS     | 2BA      | 11.55 | Excellent with ABC RR 1/7   |
| 846       | AUS     | 2RN      | 10.37 | Canberra - Good, but noisy with RN programming 2/7                    |
| 891       | AUS     | 5AN      | 20.33 | Fair, splash from 900. Sth Aust nx and wx. 2/7                        |
| 918       | AUS     | 4VL      | 10.26 | Good on e/w dipole id as 'Across the big south west, 4VL' 3/7         |
| 918       | AUS     | 2XL      | 10.26 | Fair, but mixed with 4VL 3/7  |
| 954       | AUS     | 2UE      | 8.53  | Good with talkback 6/7  |
| 990       | AUS     | 4RO      | 11.40 | Good with pops 8/7  |
| 999       | AUS     | 2NB      | 12.00 | Just audible under 5AA with ABC RR nx 2/7                             |
| 1017      | AUS     | 2KY      | 10.56 | Racing service // 2ZW 1314 and 2HH 1341 2/7                           |
| 1026      | AUS     | 3PB      | 20.40 | Good with ABC news radio format 4/7                                   |
| 1125      | AUS     | 1RPH     | 8.10  | Fair with articles from the Canberra Times 7/7                        |
| 1134      | AUS     | 2AD      | 10.00 | Good but strong fades. n/w prg from 2UE 7/7                           |
| 1143      | AUS     | 4HI      | 9.40  | Fair, but mixed with 2HD 7/7  |
| 1180      | USA     | R. Marfi | 7.48  | Presumed Marfi. MA & LA talking in SS - poor, a lot of noise 7/7      |
| 1190      | USA     | Unid.    | 9.00  | Possibly KEX, although Chris Martin reports hearing KTRA and he's 30  |

|      |     |       |       |   |
|------|-----|-------|-------|---|
|      |     |       |       | kms from here. Poor, hard to copy. 2/7  |
| 1233 | AUS | 2NC   | 12.00 | Fair/good but clear with ABC RR 2/7   |
| 1269 | AUS | 2SM   | 21.01 | Good with breakfast show. Deteriorated as the sun rose. 4/7   |
| 1278 | AUS | 3AW   | 10.50 | Fair, but mixed with 2ZC 8/7  |
| 1287 | AUS | 2TM   | 20.55 | Fair/ good, some fading. Lots of local ads and ELM 5/7/02   |
| 1287 | AUS | 2TM   | 10.50 | N/w prgm from 2SM. Good but mixed with 3ZW 7/7  |
| 1314 | AUS | 2ZW   | 10.56 | Good but mixed with 3BT - 2KY's racing service 2/7  |
| 1323 | AUS | 5DN   | 12.01 | Fair/ poor with deep fades. Id given as 'One hit after another on Adelaide's 5DN 1323 AM' 3/7   |
| 1341 | AUS | 2HH   | 10.56 | Fair/ poor over 3CW with 2KY's racing service 2/7   |
| 1350 | AUS | 2LF   | 11.32 | Good with very nice ELM 2/7   |
| 1395 | AUS | 2LG   | 12.00 | Poor/fair but audible with ABC RR 2/7   |
| 1413 | AUS | 2EA   | 11.10 | Good and clear in presumed Czech. Mentions of R.Praha 7/7   |
| 1422 | AUS | 3XY   | 11.40 | Good in Russian possibly. 7/7   |
| 1431 | AUS | 2RN   | 10.37 | Wollongong - Fair with a little local QRM, RN programming 2/7   |
| 1440 | AUS | 2PB   | 20.40 | Excellent with ABC news radio format - the best of the frequencies 4/7  |
| 1449 | AUS | 2MG   | 20.35 | Good/ fair with mx and local ads 8/7  |
| 1458 | AUS | 2PB   | 20.40 | Very good with ABC news radio format 4/7  |
| 1494 | AUS | 2AY   | 9.14  | Fair but fading with lots of local ads and ids 3/7  |
| 1503 | AUS | 2BS   | 8.48  | Fair signal with some fading - lots of local content. 3/7   |
| 1512 | AUS | 2RN   | 10.37 | Newcastle - Good with RN programming 2/7  |
| 1530 | AUS | 2VM   | 7.47  | Good with Classic Hits format 4/7   |
| 1557 | AUS | 2RE   | 9.36  | Excellent, although a little fading - 'Keeping you informed and entertained, 2RE' 2/7   |
| 1566 | AUS | 4GM   | 7.54  | Good with some fading. a little mixed with 3NE and some splash from 1557ABC Regional Radio 2/7  |
| 1629 | AUS | 2NTC  | 8.35  | C & W music - Armidale outlet 3/7   |
| 1650 | USA | KDNZ  | 10.20 | Fair with religious prgm. Clear id at 10.30 1/7   |
| 1660 | USA | KXTR  | 10.10 | Fair with classical piano mx 1/7  |
| 1665 | AUS | 2MM   | 21.15 | Fair/ good in Greek 6/7   |
| 1674 | AUS | Unid. | 8.32  | Tentatively the Penrith Gaol station. Grand March from Aida played on trumpet, then more Aida and at 08.42 clarinet music accompanying a man singing in what could have been Greek - an odd mixture. No axmnts. 2/7 |

talkback@radiodx.com (CONTINUED)

Compiled by David Ricquish, Wellington



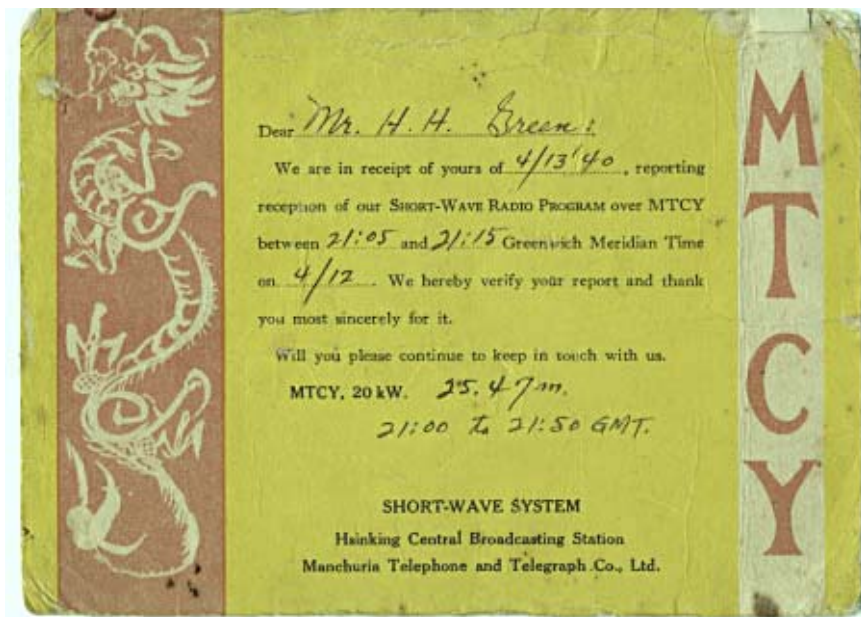
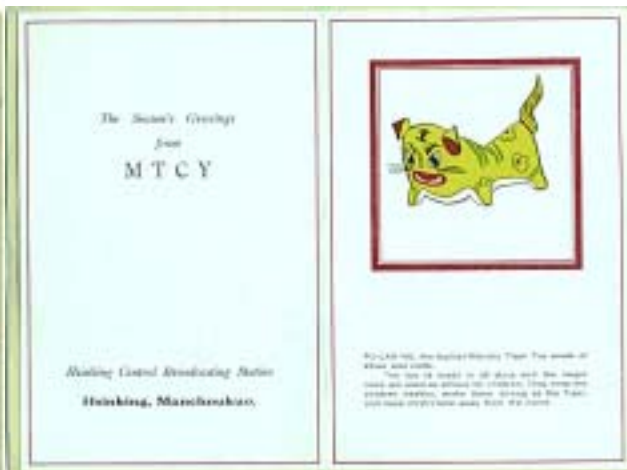
**Simon Green, Scotland** has sent us some wonderful old QSL cards and other promotional material from MTCY Manchuria and XGOX China and the following note:

*I came across your website the other day and wondered if you'd be interested in scans of QSLs I inherited from my father.*



He was a teenage SWL in 1940/41 and kept a few of his old cards which I found in the 1960s. I too got the SWL bug and later became a licenced amateur. Dad was always particularly proud of the MTCY card as Manchuria was rather exotic. I remember him telling me that the XGOX letter had to come through Japanese lines to reach the UK.

The material from Simon is also being added to the Manchurian Radio story in the Radio Heritage Collection. Such illustrations help make the stories come alive. We're very grateful to Simon for sharing these radio treasures with us.





**WELCOME TO THIS MONTH'S NEW & REJOINING MEMBERS** **VIOLET HARRISON**, 49a Oxford Street, Richmond, Nelson 7002, **R.W. ALLEN (ZL3WA)**, 11 Cheam Street, Dallington, Christchurch 8006, **ANDREW SUNDE**, 70 Hastings Street, Ohai 9652, Southland, **CHRIS ELLIOT**, Tasmania, Australia and **TORU MAEKAWA** of Nagano, Japan. The **WELLINGTON CITY LIBRARY** has also taken out a subscription to the NZ DX Times, so we hope that library subscribers will benefit from access to the magazine. Violet is the latest member to sign up for our \$20 electronic membership. Chris rejoins after a break of 4 years and says he's looking forward to renewing his association with NZRDXL and its members. Andrew is a high school student and joined with the support and encouragement of the North Otago Branch. His receiver is a Sony ICF2001. Toru returns to our membership after 3 years. Welcome all!

**SNOW SMYTH** Former member Snow reached the end of his long life on Sunday 2 June, just a few days short of his 90<sup>th</sup> birthday. Snow was a resident of the Iona Home and Hospital for the past five years and before that lived at Kakanui. He was an enthusiastic CB Radio Operator who was well known throughout New Zealand and also in many countries throughout the world. While a member of the North Otago Branch, Snow's great interest was in constructing and experimenting with various types of antennas. The DX League was represented at his funeral by **PETER GRENFELL**, **JAMES SMYTH** and **BASIL JAMIESON**.

**RADIO ADVERTISING WORKING FOR SHORTWAVE !** Around the world, SWL/DX and Amateur Radio organisations are faced with an aging membership and the challenge of attracting newcomers. Last month the Administration Committee (Adcom) took a bold new step with a promotional announcement for shortwave listening now being aired on BBC 1476AM in Auckland at random times over a 3-month period. In the first 3 weeks of the campaign, 13 enquiries were received, predominantly from Auckland, but also from as far afield as Taranaki and Whakatane. Treasurer **PHIL VAN DER PAVERD** is overseeing the response to enquiries, which includes a listing of English language shortwave broadcasts which are easily audible in NZ (prepared by **MIKE BUTLER** and **BARRY WILLIAMS**), a complimentary copy of the DX Times, our colour brochure produced in collaboration with Sony, and a personal invitation to join the League from our President **DAVID NORRIE**. The text of the recorded announcement, prepared by David, **BRYAN CLARK** and **DAVID RICQUISH** reads: "The interest in international news and current affairs has never been greater. The BBC World Service has always been in the forefront, but did you know that broadcasters in 24 countries also beam English language programmes towards NZ via shortwave? Shortwave NZ has been helping shortwave listening enthusiasts locate interesting radio broadcasts from around the world for more than 50 years. If you'd like more information on the fascinating world of shortwave radio, send your name and address to Shortwave NZ, P.O. Box 3011, Auckland and they'll tell you more."

**EMAIL DATABASE** We maintain details of member email addresses in order that Adcom has a means of quickly communicating with members when the need arises. We are keen to get up-to-date email addresses from the following members - **GORDON BAKER** and **PAUL KING**. Please respond to our Treasurer **PHIL VAN DER PAVERD** at his [new email address paverdp@xtra.co.nz](mailto:paverdp@xtra.co.nz)



## **AUCKLAND**

The 30 June meeting had 8 present at the clubrooms, chaired by Daniel Bloomfield. Air NZ is taking over a couple of Polynesian air traffic control centers, some retraining will occur. Also United Airlines are flying 777s out of Auckland. Stay tuned to the changes in our local airlines.

John West briefly talked on David Norrie's antenna setup at Musick Point including a sloper with x-axis of 15 metres and y-axis of 7 metres high.

Marcelle Rota phoned through with her apologies for this and future meetings. Marz is focusing on becoming a radio amateur and thanks everyone in the league for their help and friendship over the past few years. She will keep in touch via several ham members of the League.

The July meeting will be at the Clubrooms on the 28th at 2 pm.

The August meeting is tentatively at the Clubrooms, 3000 Great North Road, New Lynn, just past Whau Creek, on the 25th at 2 pm.

Meetings are on the last Sunday of the month except December.

## **NORTH OTAGO**

James Smyth's home was the venue for this month's well attended Branch Meeting.

A letter was received from Jim Searle who lives in Dunedin and has recently become a member of our Club. Jim enjoys operating his FRG7 and will soon have a radio room set up.

Our Branch also keeps in regular contact through our newsletter, Dial News, with DXers Ross Gibson, Kelvin Brayshaw, and Andrew Sunde who besides being League members are also activemembers of the North Otago Branch.

James Smyth had prepared two activities, one a general knowledge quiz and another of scrambled Oamaru street names.

Paul Ormandy received a CD from Adrian Sainsbury of a Report on NZ RADIODX League Convention 2002 containing interviews with Adrian Peterson, Dario Monferini, Jack Fox and Paul Ormandy.

## **SOUTHLAND**

The June Meeting was held at Dave Officers and 8 attended, we were to have had it at Tiwai, but due to wet and cold conditions the venue was changed. The July Meeting is to be held at Lindsay Robinsons, Flat 4, 5 Tramway Road, Invercargill on Tuesday 23rd July at 7.30pm ( Phone 2165430 ) all welcome.

## **WELLINGTON**

The next branch gathering will be on Sunday July 28th at 2.30pm, at Mark Nicholls' place, 4 Parera Grove, Heretaunga, Upper Hutt. Members will be contacted via e-mail nearer to the time, but if you require directions, call Mark on 04-972 2606

# ADVENTIST WORLD RADIO - 'WAVESCAN 2002 DX CONTEST'

As with previous DX contests, our 2002 contest will run throughout the month of September 2002 and the main ingredient is a response to the question, "What is your first shortwave QSL?" Also, "What is your first QSL from Adventist World Radio?"

The world winner for the 2002 "Wavescan DX Contest" will receive the 2002 Bronze Medallion and also an autographed copy of Jerry Berg's highly acclaimed book, "On the Shortwaves". Additional continental winners will receive a copy of their choice, either "Passport to World Band Radio" 2003, or "World Radio TV Handbook" 2003. Several hundred additional awards are also available.

All entries must be postmarked during the month of September 2002, though in some cases early entries will be accepted. Late entries will not be awarded any prizes though the reception reports will be QSLed with new QSL cards and the 2002 endorsement, and the 2002 QSL stamp.

Here is a summary of the contest requirements:-

**PART A:** Give the details of your first shortwave QSL.

**PART B:** Give the details of your first QSL from Adventist World Radio.

**PART C:** Submit 3 reception reports on any AWR transmissions.

**PART D:** Where possible, submit 3 radio cards.

**PART E:** Where possible, submit a cassette tape-recording containing the opening routine or the closing routine of a local shortwave station.

For the requirements in detail:-

**PART A: YOUR FIRST SHORTWAVE QSL**

You should list all of the important QSL details for your very first shortwave QSL. Where possible, a color copy or a black and white copy should also be submitted.

**PART B: YOUR FIRST QSL FROM ADVENTIST WORLD RADIO**

You should list all of the important QSL details for your very first QSL from Adventist World Radio. Where possible, a color copy or a black and white copy should also be submitted.

**PART C: THREE AWR RECEPTION REPORTS**

**1.** You should send reception reports on three AWR shortwave transmissions as heard from an AWR owned shortwave station, or a leased shortwave facility, or a shortwave program relay.

**2.** You may send additional reception reports if desired. All accurate reports will be QSLed with the special 2002 contest endorsement and the 2002 QSL stamp, though additional reception reports will not gain additional points in your contest score.

**PART D: THREE RADIO CARDS - Where Possible**

**1.** You are invited to enclose 3 radio cards for the AWR Historic Collection.

- 
2. These cards may be old or new or blank QSL cards; or
  3. They may be old or new postcards that depict in some way the radio scene, such as radio buildings, radio antennas, city towers that contain radio/TV stations, radio advertising cards, etc.
  4. Not valid for this contest are amateur nor CB QSL cards.

#### **PART E: STATION RECORDING - Where Possible**

1. You are invited to make a recording on cassette of the opening routine or the closing routine or the top of the hour announcements of a shortwave station near you. We would like to hear the distinctive sound of your local shortwave station for possible use on the air in Wavescan.
  2. Not valid for this contest are recordings of distant DX stations.

#### **CONTEST AWARDS.**

1. The world winner for the "Wavescan 2002 DX Contest" will receive the 2002 Bronze Medallion and an autographed copy of Jerry Berg's highly acclaimed and very readable volume, "On the Short Waves".
  2. Additional continental winners will receive a copy of their choice of either "Passport to World Band Radio" 2003, or "World Radio TV Handbook" 2003.
  3. Several hundred other awards are available from AWR and other radio sources.
  4. All reception reports will be verified with the 2002 QSL stamp and with new AWR QSL cards endorsed for the 2002 DX contest.
  5. Three new QSL cards will be used to verify reception reports for the "Wavescan 2002 DX Contest":-
    - a. 100 copies only of a picture postcard, endorsed as a QSL card.
    - b. 24 copies only of a picture postcard of AWR Guam endorsed as a QSL card. The reception report must be on a transmission from KSDA AWR Guam.
    - c. Card number 5 in the AWR QSL series, "New Millennium QSL Cards".

#### **THINGS TO REMEMBER**

1. All entries must be postmarked during the month of September and received in Indianapolis before the end of October, though in special cases early entries will be accepted. Late entries will not be entered into the contest though the reception reports will be verified.
2. Where possible, please provide a self-addressed, business size, strong envelope.
3. Where possible, please provide return postage, preferably in an acceptable form of international currency, though mint postage stamps or IRCs will also be appreciated.
4. The "Wavescan 2002 DX Contest" is open to all radio listeners, old and young, in any country throughout the world. All listeners, experienced as well as new, have an equal opportunity of winning the contest, or of obtaining one of the awards. The 100 picture postcard QSLs will be divided equally to all major world areas, as will also the 24 picture postcard QSLs that depict the AWR station on the island of Guam.
5. Where needed, the purchase cost and postage for the cassette recording will be paid in the form of IRC coupons.
6. The **only address** for contest entries is:-  
Anniversary DX Contest ,Box 29235 , Indianapolis, IN 46229 USA.

## AWR DX CONTESTS - PREVIOUS WINNERS

| Year | World Winner        | City         | Country     | Name of Contest            |
|------|---------------------|--------------|-------------|----------------------------|
| 2002 | Who?                | Which?       | Where?      | My First QSL               |
| 2001 | Achraf Chaabane     | Sfax         | Tunisia     | Most Beautiful QSL Cards   |
| 2000 | Jose Jacob          | Hyderabad    | India       | AWR QSL Stamps             |
|      | Thomas Drescher     | Rosrath      | Germany     | AWR QSL Stamps             |
| 1999 | Ron Killick         | Christchurch | New Zealand | Largest QSL Collections    |
| 1998 | Hans Godschan       | Cottbus      | Germany     | World's Largest QSL Cards  |
| 1997 | John Wilkins        | Denver       | USA         | World's Smallest QSL Cards |
| 1996 | William Matthews    | Columbus     | USA         | AWR QSLs                   |
| 1995 | Arthur Cushen       | Invercargill | New Zealand | Five Best QSLs             |
| 1984 | Salvatore Placanica | Cairo        | Italy       | RMI Program Content        |
|      | Johannes Weidlein   | Schorndorff  | Germany     | RMI Program Content        |
| 1983 | Andrew Ellwell      | Sydney       | Australia   | DX Club Programs           |
| 1982 | Andrew Ellwell      | Sydney       | Australia   | Logging DX Programs        |
| 1981 | Bryan Marsh         | Auckland     | New Zealand | Answer Ten Questions       |
| 1980 | Bryan Marsh         | Auckland     | New Zealand | Identify SW Stations       |
|      | Gordon Darling      | Caversham    | England     | Identify SW Stations       |
| 1979 | Ashok Kumar Bose    | Kolkata      | India       | Spot the Mistake           |
| 1978 | Douglas Doull       | Auckland     | New Zealand | Identify ID Signals        |
| 1977 | Victor Goonetilleke | Colombo      | Sri Lanka   | AWR Program Outlets        |

## marketsquare - members free advertisements

### FOR SALE

**Kenwood R-1000**, good condition physically & performance-wise, great beginners set or back-up receiver. Has been modified for improved MW performance. \$350. Ph Arthur Finch, Oamaru, 03 437 1302

### FOR SALE

**Sony SW-07** as new, with folding loop and carry-case. Ranked 4 stars in 2002 WRTH, to quote: "if a combination of small size and good performance are required, it is an excellent choice". Price \$500 o.n.o. Ph Paul Ormandy, Oamaru 03 434 5931 or [paulorm@paradise.net.nz](mailto:paulorm@paradise.net.nz)

### FOR SALE

**Sony ICF-SW55** receiver in good condition, complete with rugged plastic carry box, manual, portable aerial, power supply, headphones etc. Very good performer on SW. \$500. Contact Paul Ormandy, 03 434 5931 or [paulorm@paradise.net.nz](mailto:paulorm@paradise.net.nz)

### WANTED

**AOR AR7030 or 7030+**. Contact Paul Ormandy, 03 434 5931 or [paulorm@paradise.net.nz](mailto:paulorm@paradise.net.nz)



# NEW ZEALAND RADIO DX LEAGUE 2002/2003 SUBSCRIPTION RENEWAL NOTICE

For most members of the New Zealand Radio DX League, subscription renewals presently fall due on 31 August 2002. If the expiry date on your address label is **31/08/02**, then your

## **SUBSCRIPTION IS NOW DUE**

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**CUT**

## 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.

The NZRDXL is administered from Auckland by:

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