

NZ RADIO



LEAGUE

New Zealand DX Times

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editor@radiodx.com with Mark Nicholls, Wellington

On behalf of all the editorial team I wish you all a very Merry Christmas and a prosperous New Year. Why not take up Santa's offer on page 5 after the Talkback section and give a gift subscription or put an offer in for the great SONY SW07 which has been kindly donated to the League by SONY NEW ZEALAND on page 6.

talkback@radiodx.com with David Ricquish, Wellington

It's another subtropical day here in Wellington, with thunderstorms rolling across the city and warm weather. This is the daily weather expected in places like Singapore where station of the month Radio Ria 89.7 FM covers the island with a mix of Malay music and English hits. 'Stesin Pop Hits Melayu, Tren Generasi Terkini' plays those sultry Malay love songs as the 'trendy station of today's generation' and can be found at www.rcs.com.sg/ria as well as being heard on the Radio Singapore International 250kW SW channel of 7250 during the late evening here. Radio Ria celebrates its 10th birthday this month.

Chris Mackerell, Wellington tells us a story about 1970s radio experiments in the Ukraine which actually punched a hole in the ionosphere (maybe we should blame the Russians for global warming instead of CFCs!) when 3 x1000kW SW xmitters in parallel were aimed at NY/Washington. The signal got weaker as each xmitter was revved up, instead of getting stronger. The signals were going straight out into space!

The Russians used 13 towers with various dipoles strung between them, a 3mHz bandwidth and a 5-10 degree beamwidth, and measured the signal against a control 1000kW xmitter directed at the same target area. The xmitter site was also the source of those unfriendly 'woodpecker' signals which plagued SW in the 1970s and 1980s. Chris suggests checking out www.radiofreelondon.co.uk for the full story, and others which get posted from time to time.

Chris also contributes to our current theme: 2001 A Space Odyssey 'If I was going to plan a trip to the Space Station with a radio in my luggage, I'd also be taking as many noise-cancelling devices as possible. Based on the amount of noise my PCs at home generate, I suspect the Space Station may not be a good place for DX!'

What would you take to DX with at the new Space Station? What signals would you be looking for? Share your ideas in the January issue, and celebrate '2001 A Space Odyssey' with us!

Contribution deadline for next issue is Friday 5th January 2001 - PO Box 3011, Auckland

George Beardsmore, Mosgiel says about Shortwave Report: 'It's most important to realise the magazine's composed of many sections and interests, and each one contributes a great deal of information to all members, whether they're active or listening.

The quality of the DXT is second to none, and maybe the Chief Editor can change the format from time to time to reflect changes in the hobby. Personally, I enjoy reading all the sections, as I follow others activities. So, Matt, keep up the good work, you're appreciated!'. (Thanks George, I think Matt is now of the mind to continue!)

Ralph Sutton, Wellington writes 'how'd you like to listen to signals booming in that don't even move the S meter? Within 20km of the capital, there's a fantastic but underused DX listening site - Quartz Hill.'

With 6 horiz Vee antennas, each with 2 x 300m legs; 1 rhombic remotely switchable with 4 x 100m legs' 1 N/S beverage longwire; 1 low wave inverted L all available from an operating site with 2km of underground power cabling to reduce noise, 3 operating positions, fully equipped kitchen, 3 overnight stay rooms, toilet, shower with hot water and onsite parking, Ralph reckons this is a fantastic site. Hams have come from Europe, USA and Japan to use Quartz Hill, and it's available for SW and MW DXers as well.

The annual subscription is \$50 for a group. Hey, maybe AdCom will buy us a group membership as a Christmas present so all members can go along anytime they like! For more details, to check out the site etc, contact Ralph (ZL2AOH) at 12c Herbert Gardens, 186 The Terrace, Wellington. T: 04 473 0847. Email: zl2aoh@ihug.co.nz

Jack Fox, Mosgiel (Patron, NZRDXL) contributes: I can always be assured of interesting reading in your Talkback pages. This month's comments by Martin Hadlow deserve him a pat on the back. I endorse his comments on our hobby.

DXing has changed in recent years, and will most certainly change again before many get much older. The Internet age has brought about dramatic changes, and one can't blame young people, brought up on a computer from not long after learning to walk. As for us who still follow the hobby of radio listening or transmitting, it's our interest and I hope it remains that way for many years.

We're extremely fortunate to have a well run organisation. In particular we have a group of people who give their time each month for an excellent magazine. Those who do this shouldn't get despondent that they don't get much feedback for their work. It is appreciated, and the DXT is full of interesting radio material that's not available to enthusiasts elsewhere. To all those involved with the League and the magazine, keep up the work! (Your comments are a great lead in to 2001 Jack, thanks for your ongoing support of the hobby!)

This month's news from PIReport in Honolulu includes a recent workshop for radio and IT in Fiji. 'Radio provides a lifeline to people in rural areas and islands. TV, newspapers and Internet have growing reach, but radio remains the most important medium in the Pacific' was a key comment. Along with 'Journalists and DJs can be the best in the world, but their work is wasted if no-one hears them or reception is bad!'. Other subjects included digital radio, the Internet and practical implications of maintaining an FM station. Hosted by Communications Fiji Ltd, with help from AusAid and PINA.

The world's largest fiber optic cable, Southern Cross Cable Net went live for broadband last month. Owned by Telecom, Optus and Worldcom it has 30,000km of twin cable to link Australia, NZ, Fiji, Hawaii and West Coast USA.

Radio Cook Islands currently uses 2.5kW on 630 MW and is 'heard all over Rarotonga, the Southern Group islands, but in the Northern Group, only by car radios with aerials strung between coconut trees' in case you wondered! RCI was privatised in 1996, returned to the government in 1998, retendered and now owned by Elijah Communications since 1999. Have reception reports? Email them to: jeanne@oyster.net.ck and check their website: www.radio.co.ck.

Brian Webb, Upper Hutt is the South Pacific regional winner of the AWR New Millenium DX Contest says Adrian Peterson. Well done Brian. World winners were Jose Jacob in India, and Thomas Drescher of Germany. Past NZ winners of AWR contests include Ron Killick (1999), Arthur Cushen (1995), Bryan Marsh (1981, 1980) and Douglas Doull (1978).

Paul Aronsen, Invercargill sends the November 2000 issue of the Southland DX Digest which features Lindsay Robinson promoting the hobby on local Mercury TV and in the Southland Express newspaper; Peter Chambers visiting the branch; and Dave and Anilu Yetman also visiting. Dave is from Christchurch, but works as a transmitter engineer at HCJB Quito, Ecuador and returns there in June 2001. No wonder the HCJB signal powers into New Zealand!

Australian Radio News this month includes the ABA plan for Perth, some interesting submissions on rural radio and how the average country radio market has changed markedly in 25 years, the 25th anniversary of Brisbane's community and ethnic station 4ZZZ-FM; happy birthday to 25 year old SBS Radio as well this month (2EA, 3EA); and the ABC's commitment to maintaining its existing radio networks and, Radio Australia.(Elsewhere in the magazine this month, read of the test broadcasts from the Darwin SW xmitters leased to a British religious broadcaster).

A review of some other sites with good DX information includes: Afghanistan (www.radioafghanistan.com with Top 10, Requests, news about audiostreaming plans and wishes everyone 'Happy Ramadan'); Japan (Radio Japan SW and audio streaming site: www.nhk.or.jp/rg ; a full listing of JJ commercial stations with direct links to websites and emails, details like JOWF 1440 MW began in 1962, uses 50kW, website, tel/fax info - visit: www.nab.org.jp/hfm/english/edirectory/); Vintage Radio collectors should check out Radio Antigos in Brazil: www.bn.com.br/radios-antigos); India (India FM Radio has albums, pop, all time hits, golden oldies and more in Tamil, Punjabi and other streams: www.radio.indiafm.com). Subscribe to Scandinavian site www.radiodirectory.com for regular tips on useful sites to help your DX.

Tony King, Greytown writes: DXT goes from strength to strength and a great credit to all concerned. However, a Talkback niggle. For a DX magazine it disappoints me that you choose to highlight 'stations of the month' only audible in NZ via the Internet. For a DX magazine, this is amazing. I'd expect stations being highlighted are ones heard recently, or have some feature or significance. I think the Internet is a wonderful resource to complement DXing, but to suggest the Internet is the place to visit for 'good listening' is killing the DX instinct.

The radiodx site is for the 33% of members who have PCs. The gist of postings in the Forums should be summarised in the DXT for the benefit of the majority. I remember posting details of my nifty 60m loop but most of the members wouldn't have seen that.

I applaud the need for technical articles. I'm an antenna junky and have 2 x 3 inch files full of articles and circuits - and can understand about half of it. The October DXT mentions

a Pi coupler circuit for longwires, Variable Capacitors.

(Great article suggestions Tony, I'm sure members who can contribute them will be in touch with the DXT! I think some changes are in the wind for radiodx.com and if you're happy to contribute a summary of the postings as you suggest, I'm sure we'd all be grateful. I have a fairly wide and loose interpretation of my interest in radio, which this column reflects, but all contributions are welcome and if members have favorite stations, programs and personalities they wish to share, everyone's welcome here.)

Evan Murray, Auckland says 'Since advertising the availability of Utility Frequency Lists in Talkback, I've had four members asking for them. Thanks to Phil van de Paverd (of NetGuide fame!), I now have HFSSB lists by air traffic control order within continents; NZTV channels giving both video and audio frequencies (these are 7.5 MHz apart); and VHF and UHF frequencies. All are available from me at 14 Kia Ora Road, Birkdale, Auckland. Or, email: varisian@ihug.co.nz' (Wonderful offer Evan and Phil, I'm sure you'll now get more requests to help the Utility DX hunt!).

Bryan Clark, Auckland/Melbourne is a busy fella with the Air NZ Ansett Group but recently visited Ayers Rock, Northern Territory and contributes: I recently addressed a conference meeting at Uluru, 300km SW of Alice Springs, and took along the Sony ICF7600G and the Sony AN-LP1 SW loop antenna to sample the DX. At 4pm local time, I did a daytime MW bandscan and found no stations whatsoever. None.

FM was a different matter, with a local population of about 1500 plus visitors, 7 channels from local repeaters seemed generous: (all +/- 0.1 MHz) 95.8 ABC's JJJ Youth net; 97.4 TAB Radio with horse races; 98.0 ABC Radio National; 99.0 ABC Fine Music net; 99.8 ABC Territory Radio; 100.6 8HA-FM Alice Springs commercial; 102.1 Aboriginal language community station.

Of the NT SW outlets, only 4835 (Alice Springs) was readable; with traces on 4910 (Tennant Creek) with 5025 (Katherine) fading in at 6pm local.

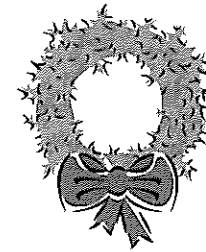
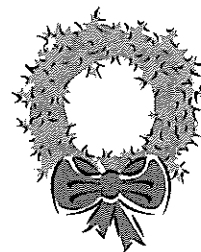
Another brief MW scan at 1030pm local and found every channel from 531-1602 occupied with Aussies, with SA's very strong (about 1200km from Adelaide) and some Asians - 1575 Thailand and Indonesia 1296 the best.

Nothing exotic in this lot, but most unusual hearing an empty AM band, even if only in the day. The highlight for me was dining under the stars in the desert, followed by an astronomy lecture and viewing Saturn's ring and Jupiters moons thru an 8" astronomical telescope!

This journey neatly returns us to 2001 A Space Odyssey, the theme for January. So, how would you DX from space? Hope no Ukrainian 3,000kW is aimed at your receiver? We're into what some say is the real 21st Century (without the fireworks!) so I hope you'll enjoy the Holiday Season with Christmas and New Year and join us in the DXT in January. Great time for Yank MW DX especially if it's snowing in eastern Canada and the USA. Maybe they'll even have a president decided by the time the next DXT is here!

In the meantime, Meri Kirihimete, Mele Kalikimaka & Hauoli Makahiki Hou and Filis Pasguya y Filis Anu Nuebo (as the greetings in Maori, Hawaiian and Chamorro from Guam), and see you back here soon. Ciao.

International Postage rates will increase from 1st January 2001. See page 23 for more details.



Santa Celebrates with DX Times!

AdCom and Santa Claus are giving every member * the chance to win a \$50 Gift Voucher from Dick Smith Electronics, plus the chance to renew their membership in 2001 for just \$29.95!

All you have to do is give a gift membership to the NZRDXL to a friend at the special Holiday Season price of just \$29.95 and you'll go into the draw to win this great voucher from Dick Smith Electronics. Spend it on DX goodies for yourself or on friends and family!

Give the gift of membership to a friend anywhere in New Zealand, and introduce them to your radio hobby! Imagine their delight at starting a new hobby which can bring the world into their home! Or for a young friend who's keen on electronics, interested in languages or wants to explore the world by radio! Or someone you know who's been involved with radio and wants to stay in touch with the latest news. Or ask your church, a local retirement village or high school to nominate someone to receive your gift.

You'll be able to help them with ideas about stations to listen to, the fun of QSLs, and members of the League will be able to help them with questions about receivers and aerials! What a wonderful gift this Holiday Season.

Your friend will receive a great gift including 1 years membership of the League, 12 issues of the NZDXTimes (that's nearly 400 pages of the latest radio news, reception, technical articles and more), a FREE DXing Made Easy guide, a FREE Countries List, a FREE LogBook and a FREE booklet of stamps worth \$4 (to send those first reports away!). All for just \$29.95.

You're a winner also! By giving a gift membership to a friend, your own subscription renewal in 2001 is also reduced to just \$29.95! Remember, you also stand to win the \$50 Dick Smith Electronics Gift Voucher!

Write today to Adcom, NZ Radio DX League, PO Box 3011, Auckland and tell us the name and address of the friend to whom you're giving this special gift. Include a short message so that AdCom can welcome them to the League with a letter from the President and your personal message. Send just \$29.95 for each gift membership. All gift memberships received by February 28, 2001 are eligible for the draw to win the \$50 Gift Voucher!

* (1) This Santa Celebrates offer is only available to members resident in New Zealand.

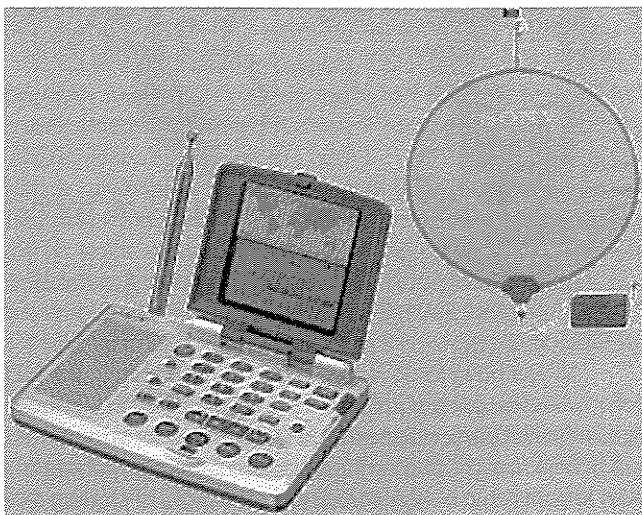
Gift membership must also be to a New Zealand postal address.

* (2) Previous members since 1995 are ineligible to receive a gift membership.

* (3) Contents of Membership Package are subject to availability at the time.

Australian and other international members: we're working on a special promotion for you as well, and we'll announce the details early in 2001! Watch the DX Times for full details soon.

SONY



www.sony.co.nz/paudio/

Earlier this year SONY NZ kindly donated a Sony ICF SW07 receiver, including the Sony loop antenna and adaptor, to the League.

This portable receiver, similar in performance to the popular SONY 7600G, was reviewed by John West in the June DX TIMES. Refer to that issue for particulars and comments. It would be an ideal receiver for travellers or those listeners with limited space.

The Administrative Committee is now putting this receiver up for tender to members of the NZ Radio DX League.

The highest tender will not necessarily be accepted, but all reasonable offers will be considered.

Please address your tender to

**NZ Radio DX League Tender,
PO Box 3011,
Auckland.**

Closing date: 31 January 2001

FEATURES OF SONY SW07

FM: 76-108MHz SW: 1621-29999kHz MW: 530-1620kHz LW: 150-529kHz

- 1kHz Fine Tuning (SW Reception)
- Alarm/Sleep Functions
- Line Out
- Dual Clock (Local/World)
- Editable Label (Station and City)
- FM Stereo/LW/MW/SW
- Memory button - up to 100 presets
- PPL Quartz Freq Synthesizer
- Synchronous Detector
- SSB Receiveable
- Preset/Direct/Manual/Scan Tuning

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

Sources: BCDX — Worldwide DX Club; Cumbre DX; DXLD — Glenn Hauser's DX Listening Digest; South Asia Radio Guide. Thanks too Ken Baird for his news items. MANY thanks to those members who wrote with their feedback on this column. Your comments were much appreciated. Best wishes to all members and their families for the Christmas/New Year season.

Argentina: RAE, new schedule from Oct 29: 0800-1200 6060 15345 Sp LAm; 1000-1200 11710 Jp; 1200-1400 11710 Sp; 1800-1900 15345 En Am/; 1900-2000 11710 15345 It; 2000-2100 11710 15345 Fr; 2100-2200 15345 Ge; 2200-2300 9690 15345 Sp; 2300-2400 9690 15345 Sp; 0000-0200 11710 Po; 0200-0300 11710 En; 0300-0400 11710 Fr; All txions on Mon-Fri. On the air Sats and Suns on 6060 and 15345 1800-0300 rebroadcasting R Nacional Buenos Aires (MW) 870. (Arnaldo Slaen, Argentina, via BCDX) 6060 observed with a particularly good signal in Canberra recently.

Canada: CRI via Sackville relay: 0300-0359 9560 LAm in Sp, 0500-0559 9560 to USA in En. This matches the two tx hrs per day that Xi'an is still scheduled to relay RCI to India, 0200-0259 on 15260, 17860, 120 kW, 258 degra. (RCI, via and analysed by Glenn Hauser, DXLD) *** Voice of Vietnam via Sackville now shown: 0100-0259 9525 [0100 En, 0130 Vn, 0230 En]. 0300-0359 9795 [0300 Sp, 0330 En]. 0400-0459 9795 [Vn] (RCI, via and analysed by Glenn Hauser, DXLD)

Costa Rica: 7480 RFPI ex 6970 v0000-0400v. (Hasuer Dec 5) Seems irregular as off when checking on Dec 8. (Johnson) Both via Cumbre.

Ecuador: 'Digital radio test transmissions scheduled for Dec 2000' - HCJB press release. In late Sept 2000, Andy Giefer, engineer in the BBC R&D Dept and member of the Digital Radio Mondiale (DRM) Field Test Group, contacted Herb Jacobson (at HCJB's Elkhart, Indiana Engineering Center) looking for a transmitter to be used for vertical incidence tests of digital SW signals. As it

turns out, the two Siemens transmitters in Pifo, the lazy H antennas normally used for our Quechua language broadcasts on 49 and 90 mbs, and our location on the equator combine to make HCJB an ideal location from which to conduct these tests. Based on this, I am pleased to announce that HCJB, in cooperation with DRM, will be performing digital tests from Dec 4-21. The tests on Dec 4-13 will be targeting Ecuador on the 49 and 90m bands. During that period, DRM personnel from the BBC and RNW will be monitoring and analyzing the signal at three locations in Ecuador. During Dec 18-21, addit tests will be made using our rhombic antenna, currently used for SSB bcs to Europe and Norht America, with monitoring taking place at RNW in Bonaire. These tests will coincide with similar bc tests from three other sites in Canada, Norway and Portugal. (HCJB)

India: AIR, external service, B-00. 3945 0130-0227 Nepali, 1330-1430 Nepali, 1430-1735 Urdu; 4790 0000-0045 Tamil; 4860 1330-1430 Nepali, 1430-1930 Urdu; 5990 0100-0200 Sindhi; 6045 0130-0227 Nepali, 1330-1430 Nepali, 1430-1930 Urdu; 6155 0015-0430 Urdu; 6165 1230-1500 Sindhi, 1500-1600 Baluchi; 7125 0100-0200 Sindhi; 7150 2045-2230 GOS-V; 7230 16015-1730 Persian, 1730-1830 Malayalam; 7250 0700-0800 Nepali, 0830-1130 Urdu; 7255 1315-1415 Dari, 1415-1530 Pushtu; 7410 1615-1730 Hindi, 1745-1945 GOS-IV, 1945-2045 Hindi, 2045-2230 GOS-V; 9565 0130-0200 Tibetan, 1215-1330 Tibetan; 9595

0015-0430 Urdu, 0700-0800 Nepali, 0830-1130 Urdu; 9620 1230-1500 Sindhi, 1500-1600 Baluchi; 9650 2045-2230 GOS-V; 9690 1330-1500 GOS-III; 9700 1300-1500 Sinhala; 9705 2245-0045 GOS-I, 9810 0130-0227 Nepali; 9835 0000-0045 Tamil; 9910 0000-0045 Tamil, 0215-0300 Pushtu, 0300-0345 Dari, 1315-1415 Dari, 1415-1530 Pushtu, 1615-1730 Persian, 1730-1945 Arabic, 1945-2030 French, 2045-2230 GOS-V, 2300-0000 Hindi; 9950 0100-0130 Burmese, 1515-1615 Swahili, 1615-1730 Hindi, 1745-1945 GOS-IV, 1945-2045 Hindi, 2045-2230 GOS-V, 2245-0045 GOS-I; 11585 1000-1100 GOS-II, 1230-1500 Sindhi, 1500-1600 Baluchi, 1615-1730 Persian; 11620 0100-0430 Urdu, 0830-1130 Urdu, 1215-1315 Burmese, 1330-1500 GOS-III, 1515-1600 Gujarati, 1745-1945 GOS-IV, 2245-0045 GOS-I; 11695 1215-1330 Tibetan, 1330-1430 Nepali; 11710 1215-1315 Burmese; 11715 0130-0227 Nepali, 2045-2230 GOS-V; 11735 0215-0300 Pushtu, 0300-0345 Dari; 11740 0000-0045 Tamil, 2300-0000 Hindi; 11850 0700-0800 Nepali; 11895 0215-0300 Pushtu, 0300-0345 Dari; 11935 1745-1945 GOS-IV; 12025 1615-1730 Hindi, 1730-1830 Malayalam; 13605 2245-0045 GOS-I; 13620 0215-0300 Pushtu, 0430-0530 Arabic; 13630 0100-0130 Burmese, 1115-1200 Thai; 13695 0315-0415 Hindi; 13700 0130-0200 Tibetan, 1000-1100 GOS-II, 1115-1215 Tamil, 1215-1245 Telugu; 13710 1330-1500 GOS-III; 13750 1745-1945 GOS-IV, 1945-2030 French; 13770 1615-1730 Hindi; 13795 2300-0000 Hindi; 15020 1000-1100 GOS-II, 1300-1500 Sinhala; 15075 0315-0415 Hindi, 0430-0530 Hindi, 1115-1215 Tamil, 1745-1945 GOS-IV; 15140 1615-1715 Russian; 15175 1515-1600 Gujarati; 15185 0315-0415 Hindi, 0430-0530 Hindi; 15200 1745-1945 GOS-IV; 15330 1115-1200 Thai; 15770 1115-1215 Tamil, 1215-1245 Telugu; 15775 0845-0945 Indonesian; 15780 0400-0430 Persian, 0430-0530 Arabic, 1145-1315 Chinese; 17485 0845-0945 Indonesian, 1000-1100 GOS-II; 17705 1145-1315 Chinese; 17715 0315-0415 Hindi, 0415-0430 Gujarati, 0430-0530 Hindi; 17740 1115-1200 Thai; 17810 1115-1215 Tamil, 1215-1245 Telugu; 17840 1000-1100 GOS-II; 17860 1115-1215 Tamil; 17895 1000-1100 GOS-II. GOS = General Overseas Service, in English. (AIR, via South Asia Radio Guide)

Indonesia: The Muslim fasting month, Ramadan, started on Nov 27. Look for many Indonesian stations operating extended schedules in our mornings (with sign-on prior to 1900). Courtesy of Jembatan DX, here's a survey as heard by Juichi Yamada, Japan on Dec 1-2 in 1900-2000 period on December 1 & 2. 3214.8 RRI Manado #1757-; 3264.7 RRI Gorontalo, 3325 RRI Palangkaraya, 3344.8 RRI Ternate, 3395.1 RRI Tanjungkarang, 3960.2 RRI Palu, 3976.2 RRI Pontianak, 4003.2 RRI Padang, 4606.3 RRI Serui, 4753.3 RRI Makassar, 4789.1 RRI Fak Fak, 4845.2 RRI Ambon, 4925.0 RRI Jambi #1858-; 6071.1 RRI Jayapura all night program, 6153.7 RRI Biak.

Israel: Galei Zahal, new 6973, Nov 18 0115-0700* Hebrew talk with a lot of laughter, local pops, phone talk, ID; 0200 news very good, but very weak by 0700* switching to 15785; first heard Nov 11 on 6973.1. Also on 15785 Nov 18 *0702-0730+ weak with DJ chatter, local folk music (Brian Alexander, PA, World of Radio 1059, DXLD) I've heard this in our local morning, 1930-2000 period, at good level in Canberra (Francis)

Japan: Here's some great DX to chase from Japan, courtesy of Ralph Famularo in Tokyo, reporting to Cumbre DX: This is what I've come up with regarding NHK domestic shortwave relays. I'll move from North to South. **Sapporo:** (All transmissions seem to be in AM mode, not USB) 3970 Weak but readable at *1300 sign-on with Time- Pip & news // to other (MW/SW) NHK-1 outlets. Nov 19; 6005 Strong and stable signal heard at tune-in

2015

Nov 19 & 2135 Nov 20. Also heard at *0400 with news, poor to fair strength. Nothing on the frequency prior to this as Nagoya goes off at 0330* AND Fukuoka was not heard at my location (see below); 9535 At 0215 on 11/19 with fair signal which was weaker than // 9550usb Tokyo. Again, all 3 Sapporo broadcasts were in AM. **Tokyo:** 3607.5usb Live sumo coverage at 0810 on Nov 19 with fair to good signal; 6175usb Heard at 2130 on 11/20 with morning exercise program. Good signal; 9550usb Was here with good signal from 0215+ tune-in on Nov 19. **Nagoya:** 3970 Nothing heard on this frequency. Checked it @ 0815, 1255 2045 Nov 19; 6005usb Tuned-in at 0250+ on Nov 19 and heard a local information program which fits WRTH (1999 edition - I didn't purchase the 2000 edition) with community bulletin board-type info including Nagoya-area phone numbers, followed by a weather forecast for Aichi Prefecture (where Nagoya is located). This program was not // to 9550usb, Tokyo. Gone at 0330+ recheck; 9535 Nothing heard outside the scheduled times for Sapporo and Fukuoka. **Osaka:** 3373.5usb NHK-2 (Educational) programming with shamisen (traditional stringed instrument) and singing after 0815 on Nov 19 with good signal; 5428usb 0215+ on 11/19 with English lesson. 2045+ checks on Nov 19 & 20 indicate it is here but suffering adjacent Utility interference; 9181usb 0333 Nov 19 with English lesson. Off in mid- sentence at 0429* Please note that NHK-2 also has other language lessons in Chinese. Be careful not to assume this is a Chinese station! **Fukuoka:** 3259usb Quite clear signal heard at 1215+ Nov 18; 6005 Scheduled from 20-04 UTC but nothing heard between Nagoya 0330* (presumed) sign-off and *0400 Sapporo sign-on. However, Fukuoka is listed as using only 0.3 kw and is further away from Osaka (my location) than Nagoya is. Therefore, I can't be 100% sure in claiming it is off the air; 9535usb *0430 sign-on on Nov 19 in middle of musical interlude // 9550usb Tokyo with fair signal. (Famularo, Cumbre)

Laos: Houa Phan currently heard regularly on 4662v in local early morning and evening at 1000-1230. At sign-on there's also mention of an FM frequency. Luang Prabang now seems to be absent from SW. For many months from around June 2000 until late October I was regularly hearing a strong carrier on 6969.5v which was probably them - same hours as Luang Prabang previously used but with no discernible audio. Perhaps they've finally decided that there's not a lot of point in burning electricity on a transmitter with no modulation. (Alan Davies, Cumbre)

Mongolia: Voice of Mongolia in English, B-00 1030-1100 12085 to Aust; 1500-1530 12015, 12085 Asia; 2000-2030 12015, 12085 Europe. 2000 broadcast on 12015 good in NZ, 12085 blocked by R Damascus, Syria. (Ken Baird)

Nicaragua: According to a personal letter from Evaristo Mercado Perez dated Nov 29, 2000, Radio Miskut resumed transmission on August 7, 2000, thanks to help from John Freeman. He is scheduled to visit the station on Dec.10 to install a 3kW power amplifier for shortwave. They now broadcast at 1200-2400 with VOA news relay at 1200-1230, 1700-1730 and 2300-2400. They will extend service until short after local midnight (i.e. 0600) on Christmas and New Year's day. (Hirahara, Cumbre)

Pakistan: Radio Pakistan, B-00, 0045-0115 Assami/En 9780 11650 15455; 0100-0215 Urdu 15485 17895; 0115-0200 Bangla 9780 11650 15455; 0200-0245 Hindi 9780 11650 15455; 0245-0315 Tamil 9780 11650 15455; 0330-0400 Gujarati 15320 17835;

0500-0700 Urdu 15175 17525 21460; 0800-1100 Urdu 17520 21465 (x17525 x21460); 0900-0930 Indonesian 15430 17660; 1000-1030 Tamil 11645 15625 17655; 1030-1115 Hindi 11645 15625 17655;

1100-1105 English 17520 21465 (x17525 x21460); 1115-1145 Bangla 11645 15625 17655; 1145-1215 Sinhala 11645 15625 17655; 1200-1230 Mandarin Ch 11895 15465; 1215-1245 Nepali 11645 15625 17655; 1330-1530 Urdu 11570 15100 17510; 1400-1430 Turki 7375 9390; 1430-1515 Russian 7375 9390; 1600-1615 English 11570 15100 17510; 1630-1700 Turkish 9770 11665 (x11645) 15725; 1700-1745 Persian 9770 11665 (x11645) 15725; 1700-1900 Urdu 11570 9390 (x9400); 1745-1830 Arabic 9770 11665 (x11645) 15725; 1800-1900 Urdu/Islamabad px 9800 (x9575); 1930-2000 French 11570 9385 (x9400) ("Observer", Bulgarian Radio, Nov 15)

Palau: A reply from KHBN re their schedule brought the following information. Apparently their schedule has been reduced: China 1030-1500 9965; SEAsia 0900-1100 15725. In response to a question about the future of KHBN Palau, Paul W. Hunter of High Adventure Ministries responded: Regarding Palau, we have a partnership with the Chinese Church from Hong Kong will take responsibility for the programming and operating BUT High Adventure will retain the license and some programming of our own. We expect the Chinese Church will begin to increase the programming, especially in Mandarin in the near future. We are reaching the Middle East, Europe and India from our Deutsche Telekom facility in Germany but we are also negotiating an AM site in the former region of the ME. We hope to establish a 100 KW AM site that will reach the areas we lost when we had to pull out of South Lebanon. We also an FM on the air near Jerusalem and have a studio up linking to satellite 24 hrs a day from Jerusalem. (Paul Ormandy)

Portugal: New sked for Radiodifusao Portuguesa (RDP) — note that SW is no longer used for East Timor, although Antena 1, and 'Timor Loro Sa'e' are broadcast via Asiasat 2 for Asia/Oceania. Mon-Fri: to Eur 0600-1300 9795, 11960; 0745-0900 11660; 0900-1300 15140; 1700-2000 (can extend to 0000) 11800, 11860, 13585; to MidEast/India 1400-1600 15490; Africa 1100-1300 21830, 1700-2000(0000) 17680; USA/Canada 0600-0800 11675, 1300-0000 15540; Venezuela 2000-0000 13770, Brazi;/CapeVerde/Guinea 1100-1300 21655, 21725; 1700-2000 21655, 21800. Tues-Sat: USA/Canada 0000-0300 9715; Venezuela 0000-0300 13700; Brazil 0000-0300 11980, 13770. Sat-Sun to Eur 0800-1455 11875, 15575; 0930-1100 11995; 1500-2100 13660, 13790; 2000-0000 11800; Africa 0800-1755 21830, 1800-2100 17680; USA/Canada 1300-2100 15540, Venezuela 1300-2100 17745, 2000-0000 13770; Brazil/Cape Verde/Guinea 0800-2100 21655, 1300-2100 21800. (RDP)

Russia: foreign relays info courtesy of Nikolay Rudnev, RUS-DX via the SWBC news group, posted by Arto Mujunen of Finland. CRR-1 (Moscow) 5835 2025-2125 RNW, 7170 2200-2300 CRI, 7200 (11895) 1830-1930 CRI, 7385 1700-1800 BBC, 7390 2000-2130 VOV, 7425 (12015) 2000-2130 IBR, 7440 (12070) 1800-2000 VOV, 7440 (12060) 2000-2200 VOM, 9450 2000-2130 IBR, 9480 1200-1600 DWL. CRR-2 (S.Petersburg) 7130 1600-1700 CRI, 7130 1800-1830 CRI. CRR-3 (Samara) 5925 0000-0100 DWL, 5935 1800-1900 DWL, 5935 2000-2130 IBR, 5945 1500-1900 DWL, 7215 2030-2130 CRI, 7400 1600-2300 MAR, 9940 1130-? WUN, 12010 (15455) 0600-0900 MAR, 17765 ?-1100 WUN, 21780 1000-1030 DWL. TCR-4 (Krasnodar) 5965 (7305) 1800-1900 DWL, 7350 1900-2130 DWL, 7420 2000-2100 WBN, 15525 0900-0930 DWL. CRR-8 (Khabarovsk) 6205 2200-2245 VAT, 9890 1325-1425 RNW, 13820 1025-112 RNW, 17570 0500-0600 VOM, 17570 2325-0025 RNW. CRR-8

(Komsomolsk-na-Amure) 9880 1200-1300 HBS, 17625 0900-0945 DWL. CRR-10 (Irkutsk) 5905 2200-2300 VOA, 7305 1300-1350 DWL, 7325 2300-2350 DWL, 7385 2200-2300 RCI, 7400 1000-1400 DWL, 7420 1115-1550 TWR, 7460 1300-1400 HBS, 9555 2300-2350 DWL, 9805 0930-1030 RFI, 9805 1030-1055 DWL, 9825 (15580) 0030-0145 TWR, 12015 1100-1300 RFI, 12025 2300-0100 RFI, 12055 (15470) 0900-0945 DWL, 12065 0925-1125 RNW. CRR-11 (Novosibirsk) 5925 (11795) 2200-0000 DWL, 7375 2200-2400 DWL, 7390 1300-1500 VOA, 7430 2200-2300 RFI, 7430 1200-1300 RFI, 7460 0000-0100 IBC, 9470 2300-2345 DWL, 15490 1000-1400 DWL. TCR-12 (Chita) 6205 1300-1345 VAT, 7330 1300-1530 BBC, 7330 2200-2300 BBC. Vladivostok Radio Centre 5915 1200-1300 HBS, 5945 1245-1345 DVB, 5945 1430-1455 DVB, 7315 (12005) 2200-2300 RFI, 7330 1000-1100 BBC, 12075 2300-2400 RFI 15600 0000-2400 DWL. Petropavlovsk-Kamchatskiy Radio Centre 5895 (9450) 1200-1300 CHR, 5905 1000-1400 DWL, 5940 1315-1345 VAT, 6205 (9795) 1030-1055 DWL, 7260 0925-1125 RNW, 7375 1325-1425 RNW, 9865 1130-1230 RVI, 12045 0000-0100 DWL, 12065 (17645) 2130-2200 VOA, 17655 (21790) 2300-2345 DWL. Freqs in brackets are alternatives from March 2001. Stations: BBC, CHR China Radio (religious station), CRI China Radio International, DVB Democratic Voice of Burma, DWL Deutsche Welle, HBN Herald Broadcasting Network, IBC International Broadcasting Corporation, IBR IBRA Radio, MAR Radio Maryja (Polish Catholic network), RCI Radio Canada International, RFI, RNW Radio Netherlands, RVI Radio Vlaanderen International, TWR Trans World Radio, VAT Radio Vaticana, VOA, VOM Voice of Mediterranean, VOV Voice of Vietnam, WBN World Beacon, WUN World University Network (Dr Gene Scott)

Thailand: Radio Thailand, English for B-00, Europe/Africa 0000 9680; US-East 0030 13695; US-west 0300 15460; Europe 0530 15115; Asia & Pacific 1230 9810. 1400 9530 (Ken Baird)

USA: Radio station WGTG is under new management! effective Mon Nov 13, WGTG will be no more! new call letters WWFV World Wide Freedoms Voice. paid airtime is open to all conservatives, liberals all religious groups; left wing, right wing and the center! Airtime rates will be \$ 25.00 per hour; 5 x 100 kW txs under construction, 8 new antennas, total global coverage at deep discount rates! new web page: <<http://www.wwfv.org>> David Frantz will be staying on with WWFV for the time being during the transition to the new management. Owners call WWFV for airtime +1-706-492-5944 (<rec.radio.shortwave> via Mike Terry, BDXC, via DXLD, Nov 10) ***WMLK station manager Gary McAvin tells Cumbre DX that they have purchased a 250 kW from SwissCom [I assume that this is an old Swiss Radio International unit-Ed.] The transmitter has already arrived in the USA, but WMLK doesn't plan to have it on until March or April 2001. Among other things, they need upgrade the amount of power being delivered to the transmitter site (Hans Johnson, Cumbre)*** R Marti operational list for winter season B-00 til March 24, all in Sp towards Cuba: 0000-0300 6030 7365 11775 13820; 0300-0400 6030 7365 7405 11775; 0400-0700 6030 7405 9805 11775; 0700-1000 5980 6030 7365 7405; 1000-1200 5980 6030 6060 9565; 1200-1300 5980 6060 7405 9565; 1300-1400 7405 9565 11930 13820; 1400-1500 9565 11930 13820 21600; 1500-1700 11815 11930 13820 21600; 1700-2200 9825 11930 13820

21500; 2200-2300 6030 11930 13820 15330; 2200-0000 6030 11930 13820 15330 (IBB Freq List, via BCDX)

USA/Canada: VOA conducted a once-only transmission via Sackville on Nov 26, for Spanish 1200-1230, on 15390 and 17875. The Sackville relay was used to replace the usual Ascension Island relay, which was off air for the day for power supply maintenance. Both freqs heard in Canberra. (Francis)

Vietnam: Current freqs for the regionals on SW: Son La 4976v, Lao Cai 5597v & 6698v, Lai Chau 6381v, Cao Bang 6501v, Ha Giang 7156v. (Alan Davies, Vietnam, via Cumbre)



bandwatch.under9@radiodx.com with Ken Baird

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

KHz	UTC	Country, Station, Programme, & Reception Details
3287.7	1815	MALAGASY REP, RTV Malagasy in French with hi-life music// 5009, both good — LM 1/12
3289.7	0740	GUYANA, V of Guyana (tent) poor in EE with relay of BBC then Holy Koran, possible ID at 0800 — BML 29/10
3310	0834	BOLIVIA, R Mosoj Chaski fair in vernac with choir/accordion music, ID 0858 — KVB 28/11
3325	1013	PNG, R Bougainville fair in EE / Tok Pisin with national news and weather, ID 1016 — KVB 21/11
3355	0922	PNG, R Simba with guitar solo and announcements in EE, good butr off the next hight — DN 16/11
3915	1748	SINGAPORE, BBC WS good in EE with sports news // 7160 not so clear — CC 1/12
3955	1651	UK, BBC WS fair in EE with sports news, ID 1658 — KVB 22/11
3976	1036	INDONESIA, RRI Pontianak fair in Indonesian with Koran, ethnic music, numeous references to Pontianak, off at 1056 — KVB 16/11
3976.1	1900	INDONESIA, RRI Pontianak with messages in Indonesian, good, on extended schedule due to Ramadam. Other RRI stns noted between 1800 and 2000 utc were 4935 Jambi, 3215 Manado, 3345 Ternate, 3264.9 Gorontalo, 3905 Merauke — LM 2/12
4820	1753	INDIA, AIR Calcutta fair in presumed Hindi with ethnic music, ID 1809 — KVB 1/11
4830	1430	VENEZUELA, R Tachira noisy with good music in Spanish — JSB 4/
4845	0653	MAURITANIA, RTV Mauritanie fair in Arabic with Koran, ethnic

4850	2100	music, and ads, ID 0700 — KVB 4/11 CAMEROON, CRTV Yaounde 2100utc time pips and fanfare, French and EE ID then EE news at poor level, usually blocked or mixed with Tashkent — LM 1/12
4885	1710	KENYA, KBC Radio fair/poor in vernac with music and singing, ID 1714 after fanfare — KVB 15/11
4890	0910	PNG, Port Moresby good in EE with PNG news — KAB 23/11
4900	1742	CHINA, V of the Straits good in Chinese with music, //5050 fair, ID "Haixa" 1755 then off at 1800 after T/S and announcements — KVB 15/11
4915	1430	PERU, R Cora good in the clear with talks, ads, music in Spanish — JSB 4/12
4995.6	1000	PERU, R Andina, Huancayo with ID at 1000, different from 6673.2 and easily separated from R Ancash on 4992.4 at the same time — DN 17/11
5765	1633	GUAM, AFN on USB with pop music and US male announcer — CC 26/11
5855	1723	ARMENIA, AWR good in EE with Dr James, close at 1740 — BML 14/11
5930	1714	CZECH REP, R Prague fair in EE with talk on private data, some QRN // 17485 clearer — CC 26/11
	1725	CZECH REP, R Prague fair in EE with ID and music, some QRN // 17485 the same — CC 1/12
5935	0915	USA, WWCR fair in EE with relig prgm — KAB 5/11
5955	0830	NETHERLANDS, RN fair in Dutch, ID 0830 then change in prgm — KAB 23/11
	1653	TAJIKISTAN, Tajik Radio fair in vernac with music and ferences to Dushanbe and Tajikistan — KVB 30/10
5975	0800	GERMANY, V of Hope v good in EE, ID 0806, relig prgm beamed to UK — KAB 24/11
	0835	GERMANY, V of Hope fair in EE with relig prgm, co-channel QRM from RKI in Korean — KAB 24/11
	1338	UZBEKISTAN, R Tashkent fair in EE with news and music, distorted with QRM // 9715 the same — CC 28/11
5980	0840	USA, R Marti fair in Spanish with discussion // 6030 — KAB 23/11
5995	0910	AUSTRALIA, R Australia poor in EE with news — KAB 5/11
6005	0815	JAPAN, NHK Sappiro, fair in Japanese — IC 15/11
6010	0700	MALTA, V of Med fair with ID, News and comment in EE — KAB 15
6020	0900	AUSTRALIA, R Australia good at s/on in Tok Pisin with IS, ID and music — KAB 5/11
6040	0723	BRAZIL, R Clube Paranaense fair in Portuguese with pops, rooster, ID 0747 — KVB 22/11
6055	0845	JAPAN, R Tampa v good in Japanese with piano music then ID at 0900 followed by pop music — KAB 23/11
6060	0815	ARGENTINA, R Nacional v good in Spanish — IC 15/11

6070 0825 CHILE, Voz Cristiana good in Spanish but with het — IC 15/11
0900 CHILE, R Voz Cristiana good with gospel music in Spanish after ID at 0900 — KAB 5/11

6090 0915 ANGUILLA, Caribbean Beacon fair in EE with Dr Gene Scott — KAB 5/11

6115 0830 PERU, R Union v good in Spanish, always there — IC 15/11
0900 JAPAN, R Tampa fair with pop music in Japanese after ID, not // 6055 — KAB 23/11

6160 0920 ANTIGUA, DW good with QRM with EE prgm on Serbia — KAB 5/11
6673.2 1119 PERU, R Andina with full ID and lots of mentions of "Sensacion", Music at 1050 when it was best — DN 14/11

6940 1714 ETHIOPIA, R Fana fair in vernac with ethnic music, ID 1719 — KVB 25/10

7115 1610 IRAN, VOIRI fair in EE with ID and prgm details, bad distortion — CC 21/11

7120 0715 ITALY, IRRS good in EE with full IDs at 0731 & 0759, close 0805 — BML 14/11
1830 MOLDOVA, R Iran of Tomorrow good in Farsi, opens with music and many mentions of Iran — BML 21/11

7125 0422 MOLDOVA, V of Russia fair in EE with ID and comment, slight hiss — CC 20/11

7160.2 0350 ALBANIA, R Tirana fair in EE, close 0358 — BML 25/11
7165.4 1645 ETHIOPIA, R Ethiopia fair in EE with full ID at 1659 — BML 27/11
7185 1814 BANGLADESH, V of Islam fair in EE with co-channel QRM from VOR / 9550 — BML 25/11

7200 1400 JAPAN, R Japan/NHK good in EE for 2 hours — JSB 9/12
7210 1945 ALBANIA, R Tirana fair in EE // 9510 — BML 27/11
7295 1819 MALAYSIA, R Malaysia fair in EE with phone-in prgm, very informal, commercial format. 1900 ID missed thru co-channel QRM then news and pops — KVB 24/11

7345 1734 SLOVAKIA, R Slovakia Intl good in EE with news and ID // 5915, 6055 not as clear — CC 26/11

7415 0715 USA, WBCQ far in EE with high power relig prgm — KAB 15/11
7440 1800 VIETNAM, V of Vietnam fair in EE // 9730 — BML 27/11
1810 VIETNAM, V of Vietnam fair in EE with local news, many mentions of Vietnam — KAB 6/11

7445 1113 TAIWAN, V of Asia fair in EE with news and ID at 1115, some distortion and QRN — CC 18/11

7580 1320 NTH KOREA, R Pyongyang good with ID and Chinese music — JSB

Thanks to all the contributors for this month. I would like to see a lot more contributions, don't be shy, you input is always welcome. All the best for Christmas and the new year.

73's, Ken Baird

CONTRIBUTORS FOR THIS MONTH

BML — Bill McLeod, Christchurch, NRD 545, 60m wire : CC - Cliff Couch, Paraparaumu, ATS 803A, 60m horizontal loop, 2 x 30m wires N/S, E/W : DN — Dave Norrie, Green Bay,

Auckland, AOR 7030, T2FD, 25m longwire with balun, 12m vertical : IC — Ian Cattermole, Blenheim, JRC NRD535, T2FD, Alpha Delta : JSB — Jon Standingbear, California, JRC NRD 345, long wires and dipole : KAB - Ken Baird, Christchurch, R5000, ATS 909: 15m wire, Eavesdropper: KVB — Kevin Brayshaw, Levin, Collins 51J4, HF Loops & 5MHz dipole: LM — Leigh Morris, Sth Australia, Icom R75, 50 m longwire

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@extra.co.nz

bandwatch.over9@radiodx.com with Andy McQueen

A Big Hello from Trentham and a Merry Christmas and a Happy New Year to all contributors and readers of this section

Please note all times are UTC.

KHZ TIME COUNTRY STATION & PGM DETAILS INITIALS

9370 1015 USA? WTJC ? Good in EE with prgm of Gospel songs Id as FBN Network 8/12 AMQ

9425 1341 SWEDEN R Sweden Strong in EE Two men discussing breast implants //17870 as good 28/11 CC

9475 0430 NORWAY R Denmark Poor in Danish QRM from VOA on 9480 4/10 RP

9495 1720 GERMANY? Voice of Hope Good in EE asking for reception reports to Limasol Cyprus. Id as "High Adventure Ministries World Network" 10/12 AMQ

9510 1945 ALBANIA R Tirana Strong but distorted in EE // 7210 27/11 BML

9530 1403 THAILAND R Thailand Strong in EE talking about a National Park in Thailand with bubble noise in the background 28/11 CC

9550 1828 BANGLADESH R Bangladesh Poor in EE with references to Bangladesh Very Noisy // 7190 worse 26/11 CC

9570 0854 SOUTH KOREA RKI Strong in EE talk about sight seeing in Seoul Id 0856 16/11 CC

9585 2040 CHINA CRI Good in English till off at 2058 4/12 IC

9740 1930 SINGAPORE BBCWS Far East relay Station V/good in EE to Oceania HJS

9780 0508 YEMEN Republic of Yemen Radio Fair in AA with spoken prgm and mix of Arabic & European music. Yemen Id at 0515 & 0530 26/11 KVB

9850 1925 EGYPT R Cairo? Strong in Arabic with dreadful audio HJS

9870 1616 SOUTH KOREA RKI Good in EE with Id and Music then News with noisy background whistle 21/11 CC

9965 1955 ARMENIA V of Armenia Poor signal but clear Id before severe QRM from CRI at 2000 13/10 RP

2056 Fair signing on in EE but co-channel QRM at 2100 11/11 BML

9970 0725 BELGIUM RTBF Good in French 15/11 IC

10320 0440 USA ? AFRTS Fair in EE in USB mode with golf commentary 13/11 CC
0445 Very good signal in USB mode Hawaiian relay? HJS
10940 0435 SICILY? AFRTS Good in EE in USB mode with News HJS
0600 Fair in USB mode with interesting items 5/10 RP
11402 1755 ICELAND Reyjakic Radio Good in Icelandic Opens with Music and Id's
Closes at 1825 18/11 BML
1800 Poor in Icelandic in USB mode but in the clear Closed at 1825 I
returned to 13860 only heard once in last week from 1835 16/11 PWO
11510 1900 RUSSIA VORWS Good signing on in EE with Id "This is Moscow" and t
hen News 10/12 AMQ
11560 1735 GUAM KSDA AWR Good in EE with Mailbox pgm 11/12 AMQ
1754 Good in EE with Health Education pgm Id and S/off 1758 14/11 KVB
11570 1601 PAKISTAN R Pakistan Fair in EE with News some distortion // 15725
the same 21/11 CC
11600 2128 CZECH REPUBLIC R Prague Fair with l/signal followed by Id in many
languages 1/10 CC
11640 0300 SEYCHELLES FEBA Opens with bell melody then into Farsi to Iran with
some nice music ex 11690 kHz? #HJS
11640 1930 SOUTH AFRICA World Beacon via Meyerton in EE 20/11 IC
11655 1730 MADAGASCAR R Nederland relay Good in English JSB
11690 1558 JORDAN R Jordan Fair in EE with Music and Id at 1600 some distortion
8/10 CC
11710 0203 ARGENTINA RAE Fair opening in EE with Id and programme details
28/11 CC
11710.5 1900 NORTH KOREA R Pyongyang Poor in EE with drifting frequency BML
11720 1900 PHILIPPINES R Philippines V/good in EE with Mailbag & request pgm
with lots of Id's 8/10 RP
11730 0342 SEYCHELLES BBCWS Fair in EE with political quiz for African contestants
Id at 0400 // 15420 Fair with slight QRM from R Australia on 15415 4
& 7/11 KVB
11730 1554 JAPAN NHK/R Japan Fair in EE with Music and transmission an
nouncements Steady QRM 22/10 CC
11740 0430 USA R Taipei Int. via WYFR V/good in SS and then SS/CC language
lessons # HJS
11745 0257 CHILE Voz Christina Fair in SS with Choir singing " O come all ye
faithful " Id 0301 Some Noise 28/ 11 CC
11770 0400 MEXICO XERMX R Mexico International Fair in EE from 0400-0528
22/11 BML
0400 Good in SS with some announcements in EE prior to close at
0558 1/11 IC
2000 Fair with R Mexico in EE and frequencies 9750 and 11770. Noted with
Antenna Radio News summary and feature pgm in EE. Gave mailing
address as Box 21 Mexico City and email rm1@eudoramail.com
LMM 1/12
11785 0800 BRAZIL R Guaiba V/good in PP with great accordion music Id 0805 8/
11830 2245 VATICAN CITY Vatican Radio Fair opening in EE with Id and back

ground noise // 9600 very weak 15/10 CC
11850 0530 SOUTH AFRICA RCI weak in English via Meyerton 22/11 IC
11850 0700 PORTUGAL RDP V/good in PP Good with accordion music // 11850
only fair 4 & 6/10 RP
11855 0345 SEYCHELLES Good in "Specialised English" #HJS
11905 2300 UNKNOWN COUNTRY Fair Signal Id as "Radio Internationale"
News with mention of Mike Moore and Al Gore and lots of accordion
music RP (What about SRI? — Ed)
11910 1935 GERMANY SRI via Julich Good in EE to Africa and Middle East #HJS
11915 0600 GABON NHK/ R Japan relay Excellent in Japanese 5/11 PWO
11940 0428 ROMANIA RRI Fair in EE with Id and music and a little surging 21/10
CC
11940 0515 SOUTH AFRICA BBCWS via Meyerton Fair in English 22/11 IC
11965 1900 RWANDA D/Welle relay Fair in EE S/on and 'Newslink' pgm QRM f
rom VOA 11970 22/10 RP
11980 1646 GUAM KTRW Strong in EE with Bible teaching 21/11 CC
12015 2000 MONGOLIA Fair in EE but difficult to copy HJS
12080 0430 SOUTH AFRICA AWR Fair l/signal and Id in EE and other languages A l
ittle distorted 25/10 CC
12085 2120 SYRIA R Damascus Fair in EE with News Some QRM // 13610 weak
and noisy 1/10 CC
12105 2000 SOUTH AFRICA AWR Opens at good level in French after EE an
nouncements 20/11 IC
12689.5 0440 USA AFRTS Florida V/good in SSB mode with EE pgm and not French
as reported last month. (Some American accents are quite difficult to
understand so might as well be in French to me — Ed)
13362 1740 GUAM AFRTS Strong in EE in USB mode with Pop Music and Ameri
can announcer 1/12 CC
13570 1925 USA WINB Good in EE with religious pgm HJS
13660 2230 BELGUIM RVI Opens in EE to Nth America 20/11 IC
13675 1621 UNITED ARAB EMIRATES R Dubai Fair in EE? with pleasant music and
some background noise //15395 not so clear 8/10 CC
13640 1930 USA?VOA V/good in Special EE with News Suggest ex 13690 (Try
Briech Morocco- Ed) HJS
13680 2150 CUBA RHC V/Good signal in Spanish 22/11 IC
13750 2030 CUBA RHC Fair but noisy with EE reports HJS
2111 Fair in EE with Id and Station announcements 1/10 CC
13820 0230 USA? R Marti? I suggest this is the one under a heavy jamming after
a determined effort with all my receiver's facilities. I am convinced it is
in Spanish and goes off at 0300 as Marti is scheduled. The jammer
then winds down slowly to go off at 0302 HJS
15100 2324 CHINA CRI Very fair in CC until 2330 then S E Asian language until
back into CC at 0000 Id at 2330 and 0000 20/11 KVB
15120 0230 PHILIPPINES R Pilipinas via Tinang Fanfare Id "Your listening to Radio
Pilipinas The overseas Service of the Philippine Broadcasting Service
on 15270, 15120 & 11885". Nx in EE? 15270 weaker and 11885 inaudi

ble 2/12 LMM

15125 1408 USA? R Taipei International Fair in EE with News about Taiwan Some distortion & QRM 28/11 CC

15135 2100 SRI LANKA D/Welle Trincomalee Excellent in EE as is // 17560 #HJS

15175 0705 NEW ZEALAND RNZI Fair in EE with rugby commentary from Jade Stadium 6/10 RP (And who won? - Ed)

15190 1755 PHILIPPINES R Pilipinas V/fair in vernacular and EE Headlines i.e. 'Economic downturn, political Crisis Drug Free Asia' etc. Id at 1759 25/11 KVB

15215 0500 SOUTH AFRICA Channel Africa V/good in English 22/11 IC

15210 1620 FRANCE RFI Strong in EE with talk about HIV inn South Africa 22/10 CC

15255 1731 EGYPT R Cairo Fair in EE Id & Music 26/11 CC

15310 0448 OMAN BBCWS Fair in EE with Music and London Calling 6/11 CC

15255 1800 EGYPT R Cairo Fair/poor in EE with News Signal OK but modulation poor Id at 1811 24/11 KVB (Do you think a good retired radio engineer could help? — Ed)

15270 0305 PHILIPPINES R Pilipinas Fair in EE till closedown at 0330 // 15210 27/11

15295 0733 MALAYSIA V of Malaysia Fair in EE with pgm on tourism and Israel — Palestine situation and OIC summit in Malaysia Id 0759 21/11 (Excuse me what's OIC- Ed)

15320 0430 MADAGASCAR AWR Voice of Hope Fair in EE Into Arabic later Satur days only //12060 also fair 25/11 IC

15330 0500 UZBECKISTAN R Tashkent Fair in Uzbeki // not so good 5/11 PWO

15330 0800 GUAM KTW R Terrific signal in EE with religion pgm HJS

15390 0252 CHINA CPBS Beijing Fair in Chinese Id at 0300 28/11 KVB

15460 0800 RUSSIA VORWS Excellent in EE to Oceania //15470 #HJS

15550 0744 CHINA CPBS Beijing V/ fair in CC Id 0800 // 17565 27/11 KVB

15575 2106 SOUTH KOREA RKI Fair in EE with news Id at 2110 Some QRM 1/10 CC

15640 0730 GERMANY AWR via Julich Excellent in Arabic 3/11 IC

15665 2020 USA WSHB Good like local with Christian Science Church Service HJS

15725 0900 PALAU KHBN S/on in EE after I/signal but wobbly fading 6/11 PWO

17510 2300 HAWAII Que Hong Radio Poor in Vietnamese then at 2330 EE Id as "World Harvest Radio" 11/10 RP

17515 1352 VATICAN CITY Vatican Radio Fair in EE with talk about Congress on catholic laity 28/11 CC

17580 0440 AUSTRALIA R Australia Fair in EE with cricket commentary with severe co-channel QRM from possibly CRI. Still the same at 0730 HJS

17655 0800 RUSSIA? VORWS Good in EE #HJS

17660 2028 ECUADOR HCJB Good in EE to Europe #HJS

17680 1615 JORDAN R JORDAN Good in EE until 1658 when co-channel QRM from RDP 15/ 11 BML

17680 2230 CHILE Voz Christina Good in Ss with News & music Id heard at 2300 4/10 RP

17685 0100 JAPAN NHK/R Japan Good in EE to Oceania maybe a relay also on // 17835 and 17845 #HJS (17685khz Via Yamata according to PWBR- Ed) #HJS

17695 1930 SOUTH AFRICA AWR Fair in lbo to close at 2000 with announcements in EE 21/11 IC

17710 1326 CANADA RCI Fair in EE ith discussion on Canadian elections. 28/11 CC

17725 2015 LIBYA V of Africa Fanfare and clock chimes AA commentary At 2030 EE Nx Id as " Here is the news from the Voice of Africa" Strong signal but horrible audio Also several mentions of the great leader 'Gadaffi' 1/ 12 LMM

17780 0446 HAWAII KWHR Strong in EE with Music Id at 0447 12/10 CC

17735 1730 ASCENSION ISLAND United Nations Radio Fair with 15 min pgm in EE / / 15495 via Wooferton 21/11 BML

17860 0200 CHINA RCI via Xian Good in EE not listed in their last sked but confirmed by a QSL HJS

21525 2045 USA WYFR Good in French to Africa HJS

21560 0815 SOUTH AFRICA Amateur Radio Mirror Good in EE with SWL segment at 0815-0826 Sundays only 26/11 BML

21610 0300 SINGAPORE NHK/ R Japan V/good in English to Oceania HJS

21685 0830 FRANCE RFI Very Good in French HJS

21700 0436 UNITED ARAB EMIRATES Strong in Arabic with talk // 15435 & 17830 weaker 2/11 CC

21715 0440 TURKEY VOT Strong in EE with talk on Israel/Palestine situation Id at 0448 Some Noise 2/11 CC

21725 0823 AUSTRALIA R Australia Good in EE HJS

21740 2130 ECUADOR HCJB Fair in GG with SS from 2130 ID at 2230 6/10 RP

21745 1410 CZECH REPUBLIC R Prague Fair in EE with Id and music noisy background 28/11 CC

21755 0500 JAPAN NHK / R Japan Excellent in EE noted again at 0700 in JJ 6/11

21815 0210 COSTA RICA RFPI Weak in USB Mode with EE pgm difficult to copy & noisy background 28/11 CC

21830 0445 GT BRITAIN? BBCWS Fair in EE with Id then music pgm 20/10 CC

0830 Very Good in English to South Africa HJS

25740 1012 GERMANY D/Welle Good in German with News and Comments Id at 1014 16/11 KVB

25820 1010 FRANCE RFI Fair in French News at 1030 after I/signal 16/11 KVB

25950 0135 USA KTM556 Portland Oregon Fair- poor with continuous reggae Still there at 0247 but very weak Id at 0138 15/ 11 KVB

Thanks very much to all of this month's contributors, and to all the contributors throughout the year who have this section so interesting. # mark indicates a report has been sent to the station
New contributors are most welcome.

You can contact me either via P O Box 3011 Auckland or direct to me via the Email address above or by post to
36A Brentwood Street Trentham Upper Hutt
Andy McQueen
AMQ Andy McQueen Trentham Sony 6800 & 40m long wire /BML Bill McLeod
Christchurch NRD 545 & 60m long wire /HJS Jack Searle Haumoana Hawkes Bay Icom R 71 100m longwire and 19 & 60 m dipoles/ IC Ian Catermole Blenheim JRC NRD545 with T2Fdand Alpha Delta antennas / JSB Jon Standingbear Beaumont California USA KVB

Kelvin Brayshaw Levin (where the best spuds and berryfruit grow) FRG7 Sony ICF 2001 Collins 51J4 3 & 5 MHz dipole & 40m horizontal loop/ LMM Leigh Morris Morphett Vale South Australia Drake R8A / PWO Paul Ormandy Oamaru Drake SPR4 ./RP Robert Park Lower Hut Kenwood R1000 & 40 foot long wire

JUST A REMINDER THAT THE CONTINENTS LISTINGS SECTION WILL BE IN THE FEBRUARY EDITION OF THE NZ DX TIMES. Contributions can be sent to me from now on until the end of January 2001
Andy McQueen

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

Seasons Greetings to all. Another very quiet month but hopefully it will improve as we settle into the New Year.

Ian Cattermole Blenheim is first up this month with a good haul. Radio Australia 9815, HCJB

21470, CRI 9765, KNLS 11765, Radio New Zealand 6095, 11725, AFRTS Guam 13362, 5765, 10320, AFRTS Hawaii 6350, AFRTS Sicily 10940.5, KFBS 11580, 12160, Radio Romania 15380, 17790, NHK Yamata 21570, Radio Canada International Germany 6145, 21570, Radio Rio Mar 9695, Radio Taipei 15125, WSHB Taiwan 11840, 11725, WSHB USA 12020 Radio San Nicolas 5470, BBC Meyerton 7120, World Beacon Meyerton 17665, RAI 21520, 17710.

Paul Ormandy Oamaru With two really good ones Radio Tele Liberte Congo 15725 and radioGalkayo Somalia Somalia 6985 for country 239.

John Durham Tauranga has AWR Madagascar 3215, BBC Thailand 21660, VOA Thailand 9645, AFN Diego Garcia 4319, Radio Mosoj Chasqui Bolivia 3310, ImaginationRadio via Skelton 6005, Voice of the people Kurdistan 6995, VOBM Eritrea 7100 For country 264.

Jack Searle Haumoana has Radio DDifusao Portuguesa 17680, Radio Canada International via Xian 17860, AFRTS Sicily 10940.5, World Beacon via Skelton 15585, WINB 13570

Best of Month under 9mhz Radio Galkayo Somalia 6985 300 watts Paul Ormandy

Best of month over 9 mhz Radio Tele Liberte Congo 15725, 1.5 Kw Paul Ormandy

branch.news@radiodx.com

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NORTH OTAGO BRANCH NOTES

Even though we have not reported them of late, regular Meetings have been held throughout the year on the second Thursday of each month. Meetings are well attended and a Frequency Competition, set by a different Member each month, continues to get a good response. At a recent Meeting David Yetman, an engineer at HCJB Quito, and his wife spoke to us about their life in Ecuador and the work that they are doing there.

A display of radios and QSLs which was set up for a day during Heritage Celebrations in Oamaru attracted a lot of public interest but so far no new Members.

On the evening of 10 December the regular barbecue was held at Paul Ormandy's DX site at Waianakarua. A pleasant family event with plenty of good food.

ladders@radiodx.com *with Peter Grenfell, Oamaru*

Seasons Greetings to you all. Hope you have a blessed Christmas and can look forward to a happy and prosperous new year. Competition results for the six months are MediumWave. Sutfon Burtenshaw. Shortwave. Open- Ian Cattermole. Intermediate - Arthur de Maine.

MEDIUMWAVE	QSLs	INC	CNTS	SHORTWAVE	QSLs	INC	CNTS
OPEN (Over 500)				OPEN (Over 500)			
Laurie Boyer	3972		137	Ian Cattermole	3925	60	197
Keith Robinson	2929		157	Jack Searle	2330	15	207
Paul Ormandy	1497	13	139	Laurie Boyer	1750		183
Sutton Burtenshaw	970	23	102	John Campbell	1612		260
George Beardsmore	802		61	Paul Ormandy	1600		234
Bryan Clark	673		120	Bryan CLark	1545		236
Mark Nicholls	643		67	Lindsay Robinson	1420		169
John Campbell	641		129	Brian Withers	1297		128
Paul Aronsen	529			Mike Smith	1218		133
Lindsay Robinson	524		56	Robert A Park	1182		90
SENIOR (301-500)				Leigh Morris	1065		233
Peter Grenfell	443		37	Ross Gibson	1055		162
Stuart Forsyth	413		39	Graeme Dixon	916		117
Brian Withers	411		51	Paul Peacock	845	4	123
INTERMEDIATE (151-300)				Paul Aronsen	733		
Jack Searle	296	2	35	Peter Grenfell	653		133
Andy McQueen	295		21	Ian Wells	582		133
Robert Krijger	228		13	SENIOR (301-500)			
Mike Smith	194		18	Bernd Henning	372		90
Paul Peacock	193		16	Andy McQueen	368		103
JUNIOR (5-150)				Bob Boundy	400		91
Ian Wells	108		15	Chris Elliot	301		78
Robert Park	86		2	INTERMEDIATE (151-300)			
Adam Claydon	71		4	Stuart Forsyth	283		87
Arthur de Maine	51	1	10	Arthur de Maine	260	10	90
Chris Elliot	15		3	Ashley Gulbransen	193		75
				Keith Robinson	190		181
FM-TELEVISION				JUNIOR (5-150)			
Brian Withers	899		9	George Beardsmore	129		68
Robert Krijger	678		6	Adam Claydon	123		40
Bryan Clark	148		5	Mark Nicholls	121		55
Paul Ormandy	110		5	Daniel Bloomfield	13		11
Paul Peacock	65		2				
Adam Claydon	49		1	Peter Grenfell			
Mark Nicholls	42		2	1 Stour Street			
Mike Smith	33		2	OAMARU			
Andy McQueen	29		2	PH/FAX (03) 4345907			
Robert A Park	17		1	Email petedx@es.co.nz			

Hi all from a wet Rotorua. I'm looking forward to some fine hot days over the summer. Straight into this month's news.

ARROW FM Arrow FM Masterton goes to 400 watts 24 hours a day on 96.5 midday 6 December. Tx on the Canwest Tower (TV3) at Popoiti 12km E of Martinborough. Address 96 Queen Street Masterton. Manager Michael Wilson. (Tony King)

WELLINGTON FM NEWS 2YB Access 783 AM in Wellington plans to obtain an FM frequency for simulcast in central Wellington, but will keep the 10kW AM because a network of FM xmitters and frequencies would be needed to give decent coverage in the Wellington region. The costs are currently prohibitive. The FM is due 'early' in 2001. And, 88.4 Groove FM (Island Bay, Wellington) plans to install a network of micro xmitters across Wellington, also 'early' in 2001 so that city-wide coverage can be achieved. A frequency change is likely as other 'guardband' FMers exist on 88.4 in parts of the city. (David Ricquish)

NELSON LOGGINGS Logged in Nelson using a Sony 2001D: 88.4 Mainland FM Nelson, 90.8 90FM Rahotu, 92.4 Energy FM, 95.6 Rock 956 Taranaki. (Brian Palamountain)

MAINLAND TV & RADIO Mainland Television in Nelson has set up an FM radio station on 88.4FM. The station, called 88.4FM, complements the company's three local television stations and uses Mainland's existing studio in Waimea Road. The station broadcasts 24-hours a day and frequently simulcasts Mainland's television programmes such as talkback, game shows, sports, and news. Mainland has installed several low-power radio transmitters around Nelson, and two more to be installed in Motueka and Golden Bay. (The Nelson Mail via Brain Palamountain) See <http://www.7media.net/Radio.htm> for more info on this station. (Adam)

FIRESHIRE DROPPED Westport's FM radio station has dropped it's Fifeshire programme link. The network, owned by the Westport News, has formed an association with Nelson's the Planet radio station to provide support including programming advice, training and production support. (The Nelson Mail via Brain Palamountain)

GEORGE FM ONSTREAM Auckland low-power dance station George FM is now streaming to the world via its website www.georgefm.co.nz and on the front page of www.ihug.co.nz which receives over 80,000 hits per day! Last week alone we had 1600 new listeners to George FM including those from Canada, Australia, London and the USA, says Programme Director Thane Kirby. (e-MedianStrip 118)

AUSTRALIAN DESERT MINI DX STOPOVER On Monday 20 November I had to address a conference meeting at Uluru (more widely known as Ayers Rock) in the Northern Territory, 300km south-west of Alice Springs. I took along the Sony ICF7600G and Sony's AN-LP1 shortwave loop antenna to sample DX at such a remote location. Reaching my hotel room around 4pm local time (0630 UTC), I did a daytime bandscan of the medium wave band and found NO STATIONS WHATSOEVER! FM was a different matter. With the local population maybe 1500 at most, the majority tourists, 7 FM channels from presumably a local transmitter location seemed very generous: 95.8 ABC's youth network - triple J, 97.4 TAB Radio with horse racing, 98.0 ABC Radio National, 99.0 ABC Fine Music FM, 99.8 ABC Territory Radio, 100.6 8HA FM Alice Springs, 102.1 Aboriginal language station. (all channels +/- 0.1MHz) (Bryan Clark)

ADELAIDE FM LOGGINGS Stations logged in Adelaide, South Australia using a Sangean SG789A: Triple J Network JJJ 105.5, Metropolitan FM 5AD 96.7, Metropolitan FM 5AD 102.3, Gulf FM 90.3 Kadina. Gulf FM 90.3 Kadina, Yorke Peninsula, S.A. serves the three towns of Kadina, Moonta, and Wallaroo, being the only radio station in that area. The station programmes are similar to Fresh FM 90.4 Access radio in Nelson, NZ. Gulf FM's address: Peninsula Community Broadcasters Inc., PO Box 390, Kadina, SA 5551. Telephone: (08) 88212000. E-mail: gulffm@yp-connect.net. (Brian Palamountain)

DIGITAL TV IN AUSSIE Regional television networks in Australia will get up to \$260 million over the next 13 years to help them convert to digital TV. This will be completed by the beginning of 2004 when digital transmission is due to start in country areas. The ABC will receive an extra \$37 million over four years and SBS \$29 million plus additional funds to help them convert to digital in time for its start in metropolitan Australia on January 1, 2001. (The Advertiser, Adelaide via Brian Palamountain)

DMG BUYS MELBOURNE LICENCE FOR AU\$70 MILLION DMG Radio yesterday out-bid the competition for the new Melbourne 91.5FM commercial radio licence, paying AU\$70 million. It is only the third new commercial licence to be offered in Australia since 1992 (the first in Melbourne since 1980) and follows the sale of a new Sydney FM licence earlier this year - also purchased by DMG. New commercial licences for Adelaide and Perth are expected to be made available next year. (e-MedianStrip 15/12/2000)

branch.news@radiodx.com

continued

SOUTHLAND BRANCH NOTES

The November meeting was held at Eric McIntosh's with 8 members present. The lease of the Farm House at Tiwai from DOC was discussed. Lindsay reported that he has been doing some publicity for the Branch on a local FM Station recently.

New Zealand Post 

Increased International Mail Rates

As of the 1st of January 2001 New Zealand Post is raising it's International mail rates. The envelope names remain the same. ie Medium (Standard envelope) , Large and Extra Large. Maximum thickness still 10mm , and maximum weight 200grams

The 5 International Zones now become only 2 Zones
Australia/South Pacific (doesn't include Hawaii) and Rest of World (which is everywhere else)
Postcards and Aerogrammes were \$1.00 now increase to \$1.50

Economy International Letters (only available to Rest of World)

Medium \$1.50 Large \$2.50 Extra Large \$3.50

Air International Australia/South Pacific

Medium \$1.50 Large \$2.50 Extra Large \$3.50

Air International Rest of World

Medium \$2.00 Large \$3.00 Extra Large \$5.00

For more information or to get a new International postal rates booklet (should be available after Christmas I was told) phone 0800 501 501 or ask at your PostShop.

How Many Countries Can You Hear on SW? — Part 2

By Paul Ormandy, 33 Greta St, Oamaru 8901 paul@radiodx.com

How did the challenge of Part 1 go? Heard a few new countries and are ready for the next instalment? Well, before we get into that, here are a few updaters thanks to Jack Searle and Ken Baird who wrote in with tips and amendments — some stations changing skeds after the end of October, typos etc...

Firstly, at 0700 R Australia is on 15415, not 15410; 0700 Slovakia missing from 17550 but still on 15460 & 21705; 0705 is the sign-on time for RNZI on 15175 not 0700; 2000 KSDA 9370 tough going — suggest 0800 15330 for KTWR; 0500 Austria not in English but German on 5945 & 6155; 2000 Portugal 21800 & 21655 is weekends only, suggest 1900 on 13585 & 11800; 2030 AIR 11620 is actually on at 2050.

O.K.... a more challenging list of stations and no doubt more corrections! Note: a 'u' or 'l' beside the freq. indicates Upper or Lower sideband.

0330	9835	Hungary	R Budapest	English	
0330	15560	Madagascar	RN	Dutch	
0350v	11785	Iraq	R Iraq Int	English	
			variable time		
0400	11705u	Cuba	RHC	English	
0500	15330	Uzbekistan	Uzbek R	Uzbeki	
0530	15555	Seychelles	FEBA	Sinhala	
0600	7255	Nigeria	V of Nigeria	English	
0600	11915	Gabon	NHK	German	
0600	15215	South Africa	Channel Africa	English	
0600	17515	Tajikistan	RFA	Tibetan	
0630	4845	Mauritania	R Mauritanie	French	
0700	4914	Peru	R Cora	Spanish	
0700	13830	Croatia	Croatian R	Croatian	9830
0700	21505	Saudi Arabia	BSKSA	Arabic	
0800	4890	Papua New Guinea	NBC	Pidgin	
0800	4960	Vanuatu	R Vanuatu	Pidgin	
0800	5020	Solomon Islands	R Hapi Isles	Pidgin	
0800	6185	Mexico	XEEP	Spanish	
0800	21465	Pakistan	R Pakistan	Urdu	
0800	6458.5u	Puerto Rico	AFRTS	English	
0830	21660	Singapore	BBC	English	
0900	6060	Argentina	R Nacional	Spanish	
			15345		
0900	15725	Palau	KHBN	English	
1000	3215	Sulawesi & Molucca Islands	RRI Manado	Indonesian	
1000	4927	Bolivia	R San Miguel	Spanish	
1000	4980	Venezuela	Ecos del Torbes	Spanish	
1000	12020	Vietnam	V of Vietnam	English	

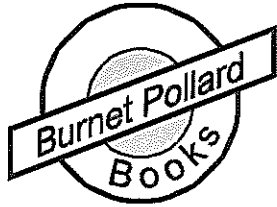
1030	3976	Kalimantan	RRI Pontianak	Indonesian	
1100	4925	Sumatra	RRI Jambi	Indonesian	
1415	5005	Nepal	R Nepal	English	
1430	5985	Myanmar	R Myanmar	English	
1700	4319u	Diego Garcia	AFRTS	English	
1800	6940	Ethiopia	R Fana	Amharic	6210
1800	9781.8	Yemen	R Yemen	English	
1830	5905	Kaliningrad	R Rossii	Russian	
1830	7120	Moldova	R Iran of Tomorrow	Farsi	
			Clandestine		
1830	7285	Poland	Polish R	English	5995
1830	11810	Jordan	JRTV	Arabic	9830
1830	15190	Philippines	R Filipinas	English	
			11730, 11890		
1900	7295	Malaysia (West)	R 4	English	
1900	12050	Egypt	R Cairo	Arabic	
1900	15135	Rwanda	DW	English	
1900	15400	Ascension Is	BBC	English	
2000	9520	Albania	R Tirana	French	
2000	12005	Tunisia	RTV Tunisienne	Arabic	
2000	12015	Mongolia	V of Mongolia	English	
2010	12085	Syria	R Damscus	English	
2030	9535	Thailand	R Thailand	English	
2030v	17725	Libya	V of Africa	English	
2200	15125	Java	V of Indonesia	Indonesian	

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

WELCOME TO NEW OR REJOINING MEMBERS GORDON BAKER, 101 Hinewa Road, Tauranga 3001 and DARRIN JACK, P.O. 30-618, Lower Hutt. Both have joined our ranks via the DX League website <http://radiodx.com>. Welcome to you both — please drop a line to any of our section editors regarding your DX listening exploits or questions on the hobby.

And rejoining after an absence of many years is RAY GARTHWAITE, "The Paddocks", Kinnaird Street, O. 12 R.D., Herbert, Oamaru 8921. Ray's receiving lineup includes a Sangean ATS 803A, a "piano-style" Pye and a Murphy Transistor 8. He returns to our membership with encouragement from Paul Ormandy who's well-known antenna farm is not far away!

H.J.J. LOOKER It is with much regret that we record the passing of veteran New Zealand DX enthusiast Harold Looker of Nelson, aged 84. Harold's interest in the hobby goes back to at least 1932 when he was a member of the NZ DX Club. He joined the NZ DX Radio Association on its formation in 1933 and in latter years the NZ Radio DX League. In an obituary in "Tune In", Walter Singleton writes "Although Harold was not an active DXer in his later years, he did enjoy a spin over the dials. He had vintage radios in his garage, including a Steinite TRF dating back to the early 30's and a Zenith superhet of the mid-30's, both still in working order." On behalf of all League members we extend sincere sympathy to Harold's widow Emily. (continued page 28)



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Good News &

The Good News

We have a small number of copies of the previous year's editions of our two favourite books:

Passport to World Band Radio 2000

Special Price NZ\$20.00

World Radio TV Handbook 2000

Special Price NZ\$25.00

We also have new stock of

Australasian Shortwave Guide B2000 Edition

NZ\$15.00 (includes postage in NZ, postage extra overseas)

And we have small stocks of the editions (but see the bad news opposite)

Passport to World Band Radio 2001

Till 31 Decembewr \$52.95 less 20%

World Radio TV Handbook 2001

Till 31 December \$62.95 less 20%

NB We have only small stocks left of each.

Bad News

The Bad News

The continued weakness of the NZ dollar compared with previous years means that we have to raise the prices of our major titles from 1 January 2001.

We will honour the old prices on orders postmarked not later than New Year's Eve, 2000

The new prices will be:

Passport to World Band Radio 2001

NZ\$59.95 less 20% to members

World Radio TV Handbook 2001

NZ\$69.95 less 20% to members

These prices are still very close to the US prices and of course we airfreight the book to NZ so that we can release very close to the international publication dates.

Hopefully the NZ dollar will rise up enough to keep the exporters happy, while still allowing us to sell these books at an affordable price.

AWR's 'NEW MILLENIUM' DX CONTEST Winners of the 2000 contest were **JOSE JACOB** of Hyderabad India and **THOMAS DRESCHER** of Rosrath in Germany. The major requirement in this year's contest was to indicate the number of different AWR QSL stamps in the listener's collection, each supported by a valid AWR QSL card. Jose Jacob numbers his total collection of AWR QSL stamps at 384, with more than 200 different notations, each supported by a valid AWR QSL card. His collection contains many copies of the first series of AWR QSL stamps as well as the current series. Because of Jose's involvement with AWR's "Wavescan" programme through his Asian DX Report, it was decided to add another First Place Winner. Thomas numbers his total collection of AWR QSL stamps at 120 with all different at 64, each supported by a valid AWR QSL card. Both winners receive the 2000 Bronze Medallion, as well as an autographed copy of Jerry Berg's highly acclaimed book, "On the Short Waves". 4 additional continental area winners were selected, including League member **BRIAN WEBB** of Upper Hutt. Next September, for the 2001 DX Contest, AWR will invite contestants to list what they consider are the 5 most beautiful QSL cards in their collection, in any mode of radio transmission. Watch for the details around mid-year 2001.

PRICE RISE Because of the declining exchange rate, **MICHAEL POLLARD** advises that Burnet Pollard Books will be increasing the prices of World Radio TV Handbook and Passport to Worldband Radio from 1 January 2001. (See notice page 26/27)

CHRISTMAS & NEW YEAR GREETINGS to all members from the Administrative Committee. Thanks to all those who contribute material to the columns of the 'NZ DX Times', and to our hardworking editorial team. May the year 2001 bring improved reception of all your favourite radio stations and new broadcasters as well!

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

Merry Christmas and a Happy New Year to everyone! And this is my parting edition as MW Mailbag editor. Next month we welcome on board long-time League member and itinerant MW DXer Tony King in this role. I'll let Tony provide the autobiography. Anyway, I'm moving on the MW DX news, as current editor Bryan Clark finds his time consumed by work responsibilities involving frequent trips across 'The Pond'... (he's becoming an arbitrary Aussie!).

Some good news for NZ (particularly AKL) DXers... There are two extended periods of "off air" coming up for some Auckland AM stations over the next two months. The dates are: 17-22 December 1100 - 1600 UTC time and date and 7-12 January, 0900 - 1600 UTC time and date. It affects the stations using the 600 foot tower at Henderson; Only 1YC, 882 & R. Sport, 1332 will close. 531pi, 531kHz will stay on air unchanged while 1YA, 756 kHz will drop to half-power (5kw) at 2305 local time until 0500.

The same scheme will also take place for the January shut-down from 2200 local time. Bad weather could effect these shutdowns as it is the mast itself that is being worked on. The earlier shutdown at 0900 UTC in January could be the more interesting one.

And an interesting couple of trails... John Alchin in NSW and Nev McKenty in Napier could have been DXing side by side, as a comparison of their trail items would suggest that

was the case! O.K... into the mailbag...

John Alchin Sydney, NSW "Spent November 11-18 at Fingal Bay, 220km north of Sydney and scoured beach side locations for some free ground to send out 300m of wire to the NE. Could only find space for 100m without upsetting the locals but may be able to do better on any future visits. Nonetheless some reasonable success using the SPR4 starting with a list of normal contenders such as KTCT-1050, KFAX-1100, KPNW-1120, KEX-1190, KVIN-1390, KMIK-1580 plus Hawaiians. Unfortunately the X-Band was clobbered by semi locals leaving only 1650, 1660 and 1690 reasonably clear for DX. 1590 and 1600 were as lively as I've ever heard here in NSW, like the good old days in NZ. Catching an ID on US stations seems a lot harder than it used to be with the proliferation of networked talk shows, while music stations run as many as 'three in a row' making it an agonising wait to see if an ID coincides with a signal peak. Consequently, would like to have ID'd stations on 860, 910, 1060, 1410, 1650 amongst others. See trail for some other observations. I was in the Hunter Valley, 160kms NW of Sydney in July for a few days and DX'd with a 200m longwire but I may as well have been DXing on Mars, absolutely nothing, even 2ZB-1035 was struggling from this inland location.

I'd like to be confident that DXing from an inland location can bear some 'fruit' in Orange, NSW as my sister-in-law has just purchased a 2000 hectare property there with plenty of room for a 'beverage' — has anyone done a study on how signal strength is affected by an inland as against coastal location when chasing Trans Pacific DX from Aust or NZ? At worst it leaves me with an opportunity to re-open my old SW logbook." SW, what's SW???

Nev McKenty, Napier "Greetings from the Hawkes Bay. I think someone has shorted out the switch on the summer machine. Wind, rain & snow to low levels (best short lived) in the high country. Also need heaters on the odd occasion. Dxing unlike the weather has been super poor. Best night was Nov 7th. This applies through-out the band even utes. On MW, I have managed a collection of Hawaiians. That's as about as far as I could get with any sort of reasonable audio quality. Only about 3 to 4 US mainlanders at good quality and some very short East Coast contacts." Ah well, I guess it's going to be flat till February anyway... but if you strike an aurora, anything can happen!

Sutton Burtenshaw, Hamilton, "Logs this month to KXOL 1660, KBLA 1580, XEFAJ 1560, R Noumea 666, then the wind blew and the longwire came down. Serves me right for running it through the trees. Veries in from 4ZA-NTZB and ppc from 4XC. Seems like a gremlin may have got in the way for the October issue as my veries didn't appear. They were 4XL, 2YP, 1XK, 1ZH, 4XS with ppc from Radio Sport 792 & 1332. Have put a shorter lower longwire up and no longer have the local Access station all over the dial ha ha, but not much in the way of a DX signal either. Best DX to all for 2001" Nice to see a few North American signals in there!

Laurie Boyer, Invercargill "After an enjoyable trip to Waianakarua veries have come in from 88 country, KXOL 1660. and WTAW. The latter was heard from home on my reconstructed aerial which was done by Peter Chambers while he was staying down here. Unfortunately the aerial blew down again in some strong gusty weather with gusts up to 100kph." Better call Peter back!

Paul Ormandy, Oamaru "Time on the dials has been nil, fortunately the postie is still calling and I can report QSLs from LRI200 R Puerto Deseado, Argentina 740kHz (my best Argentine verie) and WGSR Fernandina Beach FL 1570 (my first Yank on that frequency). Will

be holidaying with the family at Waiānākara over the Xmas break though, as usual for that time of the year, there won't be many opportunities for MW DX... in fact, the SPR-4 will be on holiday too as I'll only be taking the Sony ICF-SW55 which isn't exactly a hot DX machine on MW."

Merv Branks Trophy

Sutton Burtenshaw 26, David Ricquish 1, Arthur de Maine 1, Laurie Boyer 1 more than Andy McQueen.

Best of the Month

Paul Ormandy with LRI200 R Puerto Deseado, Argentina 740kHz 1kW

From the Knights of the Nights...

JA - John Allchin at Fingal Bay, Port Stephens using Drake SPR4 and 100m to the NE. NM — Nev McKenty, Tamatea, Napier. C.C — Cliff Couch, Paraparaumu.

- 612 1705 AUSTRALIA 4QR Brisbane, Brisbane wx and id. Faint QRM. Fair. CC
 650 1015 HAWAII KHNR Honolulu, program about National Guard. Id at 1030, extremely difficult copy, splatter & fade. Also heard 29/10 with fanfare & comment. NM
 680 1038 USA KNBR San Francisco, CA cutting thru flack, poor-fair at best. JA
 684 1420 AUSTRALIA 2KP Kempsey, ABC talk-back. Fair-good. CC
 690 0815 HAWAII KQMQ Honolulu, modern pop music & competitions, promo for 'Recycle Hawaii' 0822 station jingle for 'Radio Disney'. Reasonably constant over 15 day period. NM
 702 1653 AUSTRALIA 2BL Sydney, FA reporting from South Africa. ABC news 1700 780 1016 USA KKOH Reno, NV only clear on one night with talk. JA
 830 0846 HAWAII KHVH Honolulu, 0900 clear id, discussion about Indian magic shows ads for 'Recycle Hawaii', some fading but fair copy. NM
 870 0730 HAWAII KAIM Honolulu, religious heard over several nights Nov 3-7 being the best, massive signal & clear copy with little fade or other noise. NM
 870 1002 HAWAII KAIM Honolulu, MA w/id & religious message. Some QRM & back ground noise. Fair. CC
 880 0750 USA KRVN Lexington NE, ads, "Midnight Cowboy" show, poor copy, long periods of fade-out then back weaker and weaker each time. NM
 1040 0950 CANADA CKST Vancouver, BC with promo for their website 'listen any where in the world'. Failed to acknowledge those struggling to listen using more conventional means! KLHT generally dominant. JA
 1040 0800 HAWAII KLHT Honolulu, relig. This station is heard first but also on freq is another that plays light music (see above ed) plays light music (see above-ed). NM
 1070 0800 USA KNX Los Angeles CA, usual news, tvc and adverts, best heard Nov 7, massive signal, great copy and readability lasting well over 15 mins. NM
 1100 0925 USA KFAX San Francisco CA, clear id, program "Anti-Aging with Dr. Dan Johnston", possible religious format after 1000, dies out at 1115. Huge splatter problems, some fade & distortion. NM
 1130 0928 UNID weak with stock market reports, fits KSDO San Diego talk

- format. JA
 1140 0757 USA KHTK Sacramento CA, sports discussion, ads, station jingle 0758, exc on peaks, some fades but fair. NM
 1143 0917 AUSTRALIA 2HD Newcastle, MA talking about buses to sports events. Poor-fair. CC
 1180 0640 USA R Marfi, Marathon Key, FL mainly spoken, refs to Cuba and music. Heard best Nov 7 again with a massive signal. NM
 1190 0645 USA KEX Portland OR, talk show, clear id 0700 & 0900. News. Best Nov 7, yet another one. NM
 1200 0840 USA WOAI San Antonio, TX one of the first in each night with talk.
 1269 0906 AUSTRALIA 2SM Sydney, MA w/NSW weather. Fair. CC
 1380 0900 HAWAII KIFO Pearl City, HI really dominant with full ID, at least one and maybe two others nestled in underneath. JA
 1380 0914 HAWAII KIFO Pearl City, continuous jazz countdown, mixed Spanish stn. Also Nov 19 w/vintage jazz, not commonly heard. Good copy with some splatter from 1386 plus the odd QRM from Spanish fellow. NM
 1390 0920 USA KVIN Turlock-Modesto, CA consistently fair with classic hits mx. JA
 1420 0910 HAWAII KCCN Honolulu, HI particularly good with sports news. JA
 1420 1030 HAWAII KCCN Honolulu, all sports, snow report from Colorado, ads. This was heard best on Nov 3rd. NM
 1460 0910 HAWAII KULA Kailua, HI very good with frequent mentions of Oahu. JA (now KGMZ -see below-ed)
 1460 0840 HAWAII KGMZ Kailua, light pop music, ads Bank of Hawaii & Hawaiian Hard Drive, \$10,000 competition "...only on KGMZ". Fair copy. NM
 1467 1427 AUSTRALIA 3MA Mildura, Mildura commercials. Some QRM. Fair. CC
 1500 0924 UNID Still trying to ID this one from last DXpedition, playing 'Are You Lonesome Tonight' at this time and other soft oldies/ballads. V Miller. Was good in bursts up to 10 mins at a time. NM
 1510 0750 USA KGA Spokane WA, id at tune-in. News & ads for computer dating. Heard in short bursts of 3-4 minutes. NM
 1580 0815 USA KMIK Tempe AZ mixed KBLA Santa Monica CA, combined stations carrying Radio Disney and Radio Unica respectively, made interesting listening. NM
 1580 0836 USA KMIK Tempe AZ, FA iding as "Radio Disney" then music. Poor-fair. CC
 1590 0925 UNID SS dominating here nightly with Mexican style mx, maybe XEVOZ mixed another. JA
 1600 0935 UNIDs two stations doing very well here in SS on most nights but not ID'd, maybe KGST + ? One night had soul music getting thru these two, got one ID as 'Gospel Sixteen Hundred, 24 hours a day' — who is this?? (my bet would be KATZ St Louis MO-ed) JA
 1600 0840 UNID music program, Motown 0726 station jingle then "Gospel Countdown". Exc to 0735 then dropped out till 0745 came back but fluttery & very distorted. (see above-ed) NM
 1620 1012 AUSTRALIA 2AM Sydney, MA w/id & music. Surging and some noise. Fair.

1660 1050 USA KXOL Brigham City, UT still best X-bander with continuous oldies. JA
1660 0840 USA KXOL Brigham City UT, oldies. Tried this one during the month but
was poor most nights. NM

broadcast.news@radiodx.com with Bryan Clark, Auckland

X-BAND REPORT

AUSTRALIA Radio 6GS 1611 AM is located in Wagin, Western Australia with website of: www.radio6gs.com.au E-mail to radio6gs@wn.com.au Radio 6GS hopes to have streaming audio available via the web shortly. Also checkout www.getserious.com.au as it is connected to radio 6GS. (Robert Blee, Sales Executive/Announcer)

USA (all items courtesy of IRCA's DX Monitor magazine 11/00)

- 1610 KALT heard on 30/11 running a religious programme called "Close to the Heart". Dead air at near top of the hour then SRN news. Strong signal into Central Illinois. (via Internet) Station tested first on 11/11. Programming will be 'positive talk' with Dr. Laura and Dennis Prager, plus some from SRN. They will have sports talk from Fox Radio in the evenings. Send reports marked attention of Mr Walt Lancaster. (Bill Hale TX, Russ Edmunds PA)
- 1620 KBLI Blackfoot ID heard loud and clear 24/11 ESPN network, identification as "A Marathon Media Station, KBLI 16-20, ESPN Sports." (Nancy Johnston MT via IRCA DX Monitor)
- 1630 KKWY Cheyenne WY heard with best signal I've heard since they went on the air. Frequent "16-30 KWY" IDs and country music. I suspect that KKWY may now be diplexed into the KJLL 150 foot tower as originally specified on their license. (Pat Griffith CO)
- 1660 KXOL Brigham City UT heard w/id as KXOL/KSOS. (Dave Gordon CA)
DXers have been intrigued at how strong KXOL has been nights when authorised power is only 1kw. The Chief Engineer is reported to have said they have had problems getting their transmitter to power down to 1 kw at night for quite a while. He said it was powering down but would only go down to about 2 kw and that after numerous complaints they finally told the manufacturer to fix it or take it away! (Pat Griffiths CO)
- 1670 KAZT Redding CA ident as "Your Sports Leader in Redding is KNRO, AM 600". QSL letter from Chief Engineer Jim Bremer, 3360 Alta Mesa, Redding CA 96002. (Pat Martin OR)
- 1680 KAVT Fresno CA is new with Radio Disney programming.
KRJO Monroe LA is new callsign for construction permit ex KBJE.
- 1690 KRCD Burbank CA to test here late October/early November during the daytime with 1kw ND. (Ed Stokes at QUAD 104 who will be conducting the tests, via Gary Jackson CA) Send reports to Mr. Edward Stolz, 801 K Street, Floor 27, Sacramento, CA. 95814. Mr. Stolz is very friendly towards DX'ers and will verify all reports. (Gary Jackson CA)
WSWK Adel GA is new callsign replacing WAXD.

BROADCAST BAND NEWS FROM AROUND THE WORLD

NEW ZEALAND Some good news for NZ (particularly Auckland) DXers. There are two extended periods of "off air" coming up for four Auckland AM stations over the next two months. These are the stations using the 600 foot tower at Henderson; 531 (531 PI), 756 (National Radio), 882 (Southern Star) and 1332kHz (Radio Sport). The dates are: 18-23 December, 0000-0500 local time (1100 - 1600 UTC) and 8-13 January, 2200-0500 (0900 - 1600 UTC) local time. Bad weather could effect these shutdowns as it is the mast itself that is being worked on. The earlier shutdown at 0900 UTC in January could be the more interesting one. (via Paul Ormandy)

A prepared card for a July report of Waihi Community Radio (1107 AM) states "...we are no longer transmitting on AM—now 96.4 FM. The verie signer could be 'Nelson' but not 100% sure. (Sutton Burtenshaw)

From 1 December 1, the 12-station Community Radio Network is to fall under the Classic Hits brand. Stations will retain their individual, local breakfast shows and identities, but the existing CRN network feed from Taupo (from 10am each day) will be replaced by the Auckland-generated Classic Hits programme. CRN General Manager Brian Jennings says "Bringing the weight of the Classic Hits name to the stations... so Radio Scenicland, for instance, becomes Classic Hits Scenicland FM... and the strengths of the personalities and programming we're adding is a positive move. And in one fell swoop the reach of Classic Hits as a brand has doubled, making it a truly nationwide network." The change affects stations in Taupo, Ashburton, Marlborough, Gisborne, Greymouth, Masterton, Oamaru, Taumarunui, Te Kuiti, Timaru, Tokoroa and Wanganui. (Via E-Median Strip 17/11)

AUSTRALIA The following proposals for South Australian radio licence changes have been found at the ABA website. The most interesting is that 5UV on 531 is to go to FM and 2 new AM narrowcast stations are planned for Adelaide. The draft licence area plan for the Adelaide area is the fourth to be released for the metropolitan areas. The draft plans for the last of the metropolitan markets, Perth is proposed to be released in late 2000. The draft licence area plan for Adelaide can be viewed at the ABA's web site at www.aba.gov.au/what/broplan/laps/Adelaide The ABA is also proposing that AM commercial radio services 5DN and 5AA continue to operate under their existing technical specifications. (David Onley)

CHILE There is a comprehensive list of Chilean FM, AM and SW stations (with address information) on the Chile DX Club website at: <http://www.lanzadera.com/chiledxclub>. Select 'Noticias DX'. There are interesting entries for Easter Island and Chilean Antarctica. (Pentti Lintujarvi, HCDX via IRCA DX Monitor 10/00)

LIBYA Libyan Radio is currently boosting its MW transmitters on 972, 675, 1125 and requesting reception reports to one of the following addresses: P.O.Box 333, Tripoli. P.O.Box 247, Benghazi. (Libyan Radio 27/9 via ARC via IRCA DX Monitor)

MEXICO Effective 2 November, International Christian broadcaster Trans World Radio has begun broadcasting one hour a week in Spanish via Radio Chapultepec, 560 AM in Mexico

City. The station's 10kw transmitter currently serves Mexico City's population of 26 million, but the station has applied for a power increase to 25kw, which would reach a further 10 million people. The weekly broadcast is on Thursdays at 1600-1700 UTC. (Radio Netherlands Media Network. 11/00) XEPH 580 is now 25kw, XEEY 660 50kw, XEMF is on 780 ex 970, XEPA 1010 is now 24 hours, XEHR 1090 is 24 hours, XENA 1450 is now 10kw, XEFAJ 1560 is now 50kw (bit of a pest! Ed) (Arctic Radio Club via IRCA's DX Monitor magazine)

MONTSERRAT According to ZJB's website, their AM transmitters were "devoured by the volcano" a couple of years ago. They now operate on two FM freqs from a converted house (Bruce Portzer IRCA)

PHILIPPINES Radyo Ukay. Main office: Cor. P. Reyes & Palma Gil Sts. Davao City, AM stations: Format: News & Public Affairs, Drama.

- 783 DYME Masbate, 5 kW.
- 819 DXUM Davao City, 10 kW. Studio location: UM Matina Campus, Davao City. Harris DX10 transmitter. Antenna tower height: 285 feet. SM: Roland R. Raval.
- 891 DYSR Dumaguete, 10 kW. Studio location: Camp Seaside Banilad, Dumaguete City. Kaissar transmitter AM 10. Antenna tower height: 300 ft. SM: Alvin Bandiola.
- 936 DXDN Tagum, Davao del Norte, 5 kW. Studio location: UM Tagum School Compound, Tagum City. Kaissar transmitter AM 10. Antenna tower height: 200 feet. SM: Roger Israel.
- 1044 DXLL Zamboanga, 10 kW.
- 1089 DXCM Cotabato 10 kW. Studio location: UM School Compound, Cotabato City. Kaissar transmitter. Antenna tower height: 210 feet. SM: Mariz Manalo.
- 1134 DXMV Valencia, Bukidnon, 5 kW. Studio location: Mt. Kitangcad Cor. Kanlaon Street, Valencia, Bukidnon. Kaissar transmitter. Antenna tower height: 200 feet. SM: Engr. Romy Chiang, Jr.
- 1161 DXDS Digos, Davao del Sur, 5 kW. Studio location: Highway Digos, Davao del Sur. Kaissar solid state transmitter. Antenna tower height: 150 ft. SM: Florencio Campaner. (Website via OA, Arctic via IRCA DXM)
- 1458 DWRF FEBC Iba schedule: 1230-1300 in Zhuang to China. (FEBC website via OA 15.9.2000) Zhuang is the largest minority language in China with 12M speakers. It belongs to the Tai family. (Alm/Arctic via IRCA DXM)

RUSSIA Radio "Voice of Russia" - Russian World Service - Winter period from 29 October 2000 partial schedule includes the following (only times and frequencies suitable for theoretically possible reception in A/NZ covered):

2000-2100 UTC on 612 (Moskva), 693 (Berlin), 1215 (Bolshakovo) to Europe.
 2100-2200 UTC on 612, 693, 999 (Mayak, Moldova?) and 1215 (Bolshakovo).
 For Asia, Aus/NZ & Pacific at 1400-1500 on 1251 (Orzu?), 1269 (Kunming).
 To Near & Middle East: 1300-1400 on 648 (Orzu), 1600-1700 1314 (Gavar).
 (Pavel Mikhaylov via DX-Bistro via BT, assumed sites added by Olle Alm via IRCA DX Monitor)
 Monitor report in Vladivostok & Khabarovsk, Russia by Oguma Hironao who stayed in Russia's Far East city, Vladivostok August 1-8, and heard local LW-MW radios there as follows:
 243 Primorskoe Radio, Radiostantsia Tikhii Okean, Radio Rossii

- 549 Mayak
 - 612 Radio VBC
 - 648 Voice of Russia in KK&CC (broadcast only in local evening)
 - 738 Russkoe Radio, partly "Novaya Volna"(parallel with 104.2MHz)
 - 783 Radio Lemma
 - 810 Primorskoe Radio., Radiostantsia. Tikhii Okean
 - 1098 Radio Vladivostok
 - 1251 Voice of Russia in KK & CC (broadcast only in local evening)
 - 1296 Ekho Moskv
 - 1377 Radio Yunost
 - 1476 Radio Studiya O'key
 - 1503 FEBC Vladivostok (Christian programmes, broadcast only in local morning)
 - 1557 Evropa Plyus Vladivostok
- * On 738, 1296, 1557, programming is mainly from Moscow, but sometimes local programmes and adverts are heard.

I visited HQ for Primorskoe Radio. No one there knew that "Tikhii Okean" had lost its shortwave transmissions. In the communist era, Tikhii Okean was a very prestigious programme because of its worldwide broadcast. More than 10 staff were employed. But since the collapse of Soviet Union, the number has been reduced to 4 persons.

utilities@radiodx.com with Evan Murray, Auckland

A short list this month with one or two sick or otherwise non productive. I must apologise for not having a piece on Diego Garcia as promised last month. The British High Commission may not have got the material from the UK. Anyone with news of this outpost please let me know.

- 4417 1001 Mayday/Maxine with a sinking position 36.49.40 N 177.10 E. Vulcan 14 miles away bearing 302o true. Hull split falling off a wave. Others responding. NM
- 4417 1100 Taupo advises P3 ETA 0230 Requests WX NM
- 4417 1134 Vulcan advises ETA 12 minutes NM
- 4417 1148 Maxine requested to dismantle radio, in wheelhouse NM
- 4417 1204 Taupo/Vulcan crew off Maxime on board Position 36 S 177.13 E Maxine down at bow NM
- 4417 1209 Houhora Radio closing down NM
- 4445 0645 Russell Radio Any info on a vessel Tanalooa dismasted en route to Norfolk Island Another vessel similar name Kanalooa confusing Tanalooa last heard 30.35 S 171.14 W Vessel not overdue but info required NM
- 4666 0935 San Francisco/Coast Guard 1703 request radio check You have turbine whine in your voice Confirm out of Hawaii NM
- 5547 0827 American ?/San Francisco Are you RVSM equipped EM
- 5547 0829 San Francisco/Canadian 31 53 Posn EM
- 5574 0953 San Francisco/Philippines 103 BJ
- 5616 0634 TWA 891/Gander Company message to Kennedy IFR fuel minimum 26.7 2.03 hours original route Weather Kennedy wind 3500

11 kts Visibility 6 miles Sky clear Signed JSV NM

5667 0819 San Francisco/N292BD destination Whitehorse posn ENM 0900 MCG next F:L 410 SC DJAH (RAF Tristar ZD 951) At 172 W contact Anchorage on 132.5 or 124.0 (Remote Comms Outlet at St Mary's Bay W Alaska) NM

6565 - Perth/Warship Anzac concluding comms Goodnight Perth NM

6628 0836 Santa Maria/Cubana 470 Posn 19W 30.50 N EM

8825 -New York/West Indies 900 destination Heathrow SC HMFK (N3140D British West Indies Tristar) 42 W climb and maintain 340 NM

8867 0928 Auckland/NZ 144 unable contact Brisbane We are getting turbo at 350 and wish 310 Brisbane has noted and will contact EM

8867 0932 NZ 144/Brisbane descend to and report reaching EM

8888 1844 Novosibirsk Volmet RM

8903 -Tokyo/VAA 8210 tail number RA 82078 departed Haneda 0831 estimate Tianjin 1130 (Venda Airways S Africa) NM

8930 1847 Air India 1142/Bombay wind 220/31 EM

8942 1830 Ho Chi Minh/Qantas 5189 posn EM

9032 - Ice 017/Auckland WX at Ice terminal 0115 "It's a pleasant day" wind calm 10km or greater temp -11 to -14 runway packed ice to horizon NM

9032 0616 WZ report then Cyprus listening out BJ

9032 0718 This is Deep Freeze Ops How copy Auckland all loud and clear Thanks for check BJ

9032 0644 Ice 21/Auckland BJ

9032 2112 Auckland/Kiwi 957 Receiving WX for McMurdo Secondary 17904 BJ

9032 0520 Skier 91/Auckland Bosla at 0538 BJ

9032 0541 Skier 94/Auckland

10075 0418 Atlas Air SC MREK B 747 BJ

11175-Anderson/Viper 04 PP to 6341418 Viper 04 isSgt Moore there Nol'm Sgt Washington Your AP arrived yesterday and is in the hangar What is your ETA -1935 and we must be airborne 1000 local tomorrow NM

111750754 Reach 3076/Hickham 34 people to spend night BJ

111740504 Reach 814 Tango 2 pallets 39 pax and 9 crew BJ

11256 - Mac Base/Ice 019 Posn We have current WX Great copy on Mac Base Aircraft was beyond Dacos NM

11300 - Seychelles/Air France 38 SC BFGK (F-GCBI B747 200) Dest Reunion NM

11384 - San Francisco/Air Force 1 Posn BILLY 0900 CARRY 0939 Also Shadow 2 and SAM 27000NM

11396 - Ujung/Icebird 22 Posn at 0855 123 EFL 350 035 S 125 E Request 20 miles left of track At 2225 call Ujung on 128.1 (Icebird Airlines Alaska)NM

113960922Manila/Korean Air 627 EM

13354Red Comet 912/New York ACC says there is no problem with your routing to Jamaica (Air Comet Spain) NM

17904-San Francisco/Dynasty 001 At FIR 0116 170 W 22 N 180 W what are the coordinates for the FIR The computer won't accept FIR And what is your SC (FIR coordinates are 22 N 164 W and SC is LPDF B-18209 B 747) NM

17904 - Ice 16 and Ice 17/Auckland have WX Ice terminal Remain this frequency NM

17904 - San Francisco/Air India 2000 preflight radio check NM
 CONTRIBUTORS BJ Basil Jamieson Oamara Kenwood 5000 and Drake R8 with 30 m wire
 NM Neville McKenty Napier NRD 545 and Icom R70 with various aerials EMEvan Murray
 Auckland Kenwood 5000 and Yaesu7700 with T2FD

ENGLISH BROADCASTS NOVEMBER 2000 / MARCH 2001

Something for the SWLers in the League. This column details English broadcasts heard by Mike Butler and/or Ken Baird since the change-over at the end of November. It probably doesn't include all broadcasts but is as complete as we can get it to date. Reception will be varied, depending on the propagation conditions at the time of listening. It should be noted that reception from 2200utc to 0300 utc will be very poor on the lower frequencies and some of those stations listed may not be audible mid-Summer. The listings are based on the broadcaster's location, not the transmitter location. Equipment used : R5000, 15m wire; Sangean ATS-803A, tuned RF pre-amp, 10m wire.

UTC	BROADCASTER	FREQUENCIES
1800	Australia	6080, 7240, 9475, 9580, 9815, 11880
1800	BBC WS	6195, 9410, 9510, 9740, 15400, 15575, 17830, 17840
1800	Canada, RCI	11720
1800	Channel Africa	17870
1800	Czech Rep, R Prague	7315
1800	Egypt, V of Africa	15255
1800	Germany, DW	6140
1800	Hawaii, KWHR	9930
1800	India, AIR	7410, 9950, 11620, 11935, 13750, 15200, 17670
1800	Ireland, RTE	9895
1800	Kuwait	11990
1800	Malaysia	7295
1800	Netherlands, RN	6020, 11655
1800	NZ, RNZI	15120
1800	NZ, ZLXA	3935
1800	Poland	7285
1800	Russia	5940, 6045, 7310, 7340, 9775, 9890, 11510
1800	UK, African Beacon	9675, 17665

1800	USA, AFN	10940.5 USB, 13362 USB
1800	USA, WSHB	18910 (Wed, Sun), 15665 (Sun)
1800	USA, University N/W	9940, 13750, 13845
1800	USA, WEWN	15745
1800	USA, WHRA	17650
1800	USA, WHRI	9495, 13760
1800	USA, WWCR	9475, 12160, 15685
1800	Vietnam	7440
1800	VOA	6035, 6040, 9565, 9760, 9840, 11920, 11975, 13710, 15240, 15580
1800	World Radio NW	17665
1800	Yemen	9780
1830	Belgium, RVI	9925, 13710
1830	Ireland, RTE	13640, 21630
1830	Netherlands, RN	6020, 9895, 13700, 17605
1830	Sweden	6065 weekdays, 9765 Sun
1900	Australia	6080, 7240, 9500, 9580, 9815, 11880
1900	BBC WS	9410, 9740, 15400, 15575, 17830
1900	China, CRI	9440, 9585
1900	Ecuador, HCJB	17660
1900	Germany, DW	11765, 11810, 13610, 15390, 17810
1900	Hawaii, KWHR	9930
1900	India, AIR	7410, 9950, 11620, 11935, 13750, 15200, 17670
1900	Kuwait	11990
1900	Netherlands, RN	6020, 9895, 11655, 13700, 17605
1900	Nth Korea	9335
1900	NZ, RNZI	17675
1900	NZ, ZLXA	3935
1900	Overcomer Ministry	17870
1900	Philippines	11730
1900	Russia	7205, 7340, 9775, 9890
1900	Sth Korea, RKI	7275
1900	Thailand	9535

1900	UK, African Beacon	11640
1900	USA, AFN	10940.5 USB, 13362 USB
1900	USA, University N/W	9940, 11870, 13750, 13845
1900	USA, WEWN	15745
1900	USA, WHRA	17650
1900	USA, WHRI	9495, 13760
1900	USA, WSHB	15665, 18910
1900	USA, WWCR	9475, 12160, 15685
1900	USA, WYFR	18980
1900	VOA	9525, 9690, 9760, 9785, 9840, 11720, 11870, 11970, 11920, 11975, 12015, 13640, 13725, 15180, 15240, 15410, 15550
1915	BBC WS	17885
1930	Austria, ORF	5945, 6155
1930	Malaysia	7295
1930	Slovakia	5915
1930	Switzerland, SRI	9605, 11910, 13660
1945	Albania	9510
2000	Australia	7240, 9500, 9580, 9815, 11880, 12080
2000	BBC WS	5975, 9410, 9630, 9740, 11835, 15400, 17830
2000	China, CRI	9440, 11735
2000	DW	9725
2000	Ecuador, HCJB	17660, 21455U
2000	Hawaii, KWHR	17510
2000	Israel, KOL	11605, 15640, 15650
2000	Kuwait	11990
2000	Mongolia	12015
2000	Netherlands, RN	9895, 11655, 13700, 17605
2000	NZ, RNZI	17675
2000	Russia, VoR	9775, 9890
2000	Spain, REE	9595, 9680 (M- F)
2000	Switzerland, SRI	9605, 11910, 13660, 13790
2000	Syria, R Damascus	12085
2000	UK, African Beacon	7420
2000	USA, AFN	10940.5 USB, 13362 USB

2000	USA, University N/W	13845
2000	USA, WEWN	13615, 15745
2000	USA, WHRI	9495, 17650
200	USA, WSHB	15665
2000	USA, WWCR	9475, 12160, 15685
2000	USA, WYFR	15565
2000	Vatican	11625, 13765
2000	VOA	9690, 9760, 11855, 11975, 13710, 15240, 15580, 17725, 17885
2025	Italy, RAI	9710
2030	Cuba, R Havana	13750
2030	Poland	7185, 9540
2030	Sweden	9445
2030	Thailand	9535 (15 minutes)
2045	India, AIR	9950, 9910, 11620, 11715
2055	Armenia	9965
2100	Australia	9500, 9580, 11880, 12080, 17715, 21740
2100	BBC WS	9740, 11945, 11835, 15400
2100	Canada, RCI	9770, 9805, 13650
2100	China, CRI	9535
2100	Cuba, R Havana	13750
2100	Czech Rep, R Prague	9430
2100	DW	9670, 9690, 9765, 15135, 15410, 17560
2100	Ecuador, HCJB	17660, 21455U
2100	India, AIR	9905, 9910, 11620, 11715
2100	NHK/R Japan	11850, 11920, 17825, 21670
2100	NZ, RNZI	17675
2100	Poland	9540
2100	Romania	9690
2100	Sth Korea, RKI	15575
2100	Syria	12085
2100	USA, AFN	10940.5 USB, 12689.5 USB, 13362 USB
2100	USA, University N/W	13845

2100	USA, WEWN	15745
2100	USA, WHRI	9495, 17650
2100	USA, WWCR	12160
2100	USA, WYFR	15565, 21525
2100	VOA	9595, 11870, 15185, 15240, 15410, 15580, 17725, 17735, 17820
2115	Egypt, R Cairo	9990
2130	Australia	11880, 17715, 21740
2130	Guam, AWR	11960, 11980
2130	Iran, VOIRI	9780, 11740, 12160
2130	Turkey, VOT	9525
2130	USA, WWCR	15685
2200	Australia	17715, 17795, 21740
2200	BBC WS	11835, 11955, 12080, 15400
2200	Canada, RCI	11705
2200	Ecuador, HCJB	21455U
2200	Egypt, R Cairo	9990
2200	Hawaii, KWHR	17510
2200	India, AIR	11620, 11715
2200	Iran, VOIRI	9780, 11740, 13745
2200	Italy, RAI	11900
2200	NZ, RNZI	17675
2200	Spain, REE	9680 (Sat, Sun)
2200	Turkey, VOT	9525
2200	USA, University N/W	13845
2200	USA, WEWN	13615
2200	USA, WHRI	17650
2200	USA, WINB	13790
2200	USA, WWCR	15685
2200	USA, WYFR	15565, 21525
2200	VOA	15185, 15290, 15305, 17735, 17820
2230	Belguim, RVI	13660
2230	Austria, ORF	13730

2230	Czech Rep, R Prague	9435
2245	India, AIR	13605
2245	Vatican	11830
2300	Australia	17715, 17795, 21740
2300	BBC WS	11955, 12095, 15280
2300	Canada, RCI	9535, 11865, 9755(Mon — Fri), 9755(Sat-Sun)
2300	Ecuador, HCJB	11840, 21455U
2300	Germany, DW	9470, 9815, 13690, 17655
2300	Hawaii, KWHR	17510
2300	India, AIR	9905, 9950, 11620, 13605
2300	NZ, RNZI	17675
2300	Romania	9570, 9690, 11940
2300	Turkey, VOT	9655
2300	USA, University N/W	13845
2300	USA, WEWN	13615
2300	Vatican	11830
2300	VOA	13745, 15185, 15290, 15205, 15305, 15395, 17735, 17740, 17820
0000	Australia	15240, 15415, 17580, 17750, 17795, 21740
0000	BBC WS	15280, 15310, 15360, 17615, 17790
0000	Ecuador, HCJB	21455U
0000	Hawaii, KWHR	17510
0000	India, AIR	11620, 11305
0000	NHK/ R Japan	17810
0000	NZ, RNZI	17675
0000	USA, University N/W	13845
0000	VOA	15185, 15290, 17740, 17820
0030	Thailand	13695
0100	Australia	12080, 15240, 15415, 17580, 17750, 17795, 21725
0100	BBC WS	12095, 15280, 15310, 17760, 17790
0100	Cuba, R Havana	11705
0100	Ecuador, HCJB	21455U
0100	Hawaii, KWHR	17510

0100	Iran, VOIRI	15085
0100	NHK/R Japan	17685, 17810, 17835, 17845
0100	NZ, RNZI	17675
0100	Slovakia	15460
0100	Switzerland, SRI	9885, 9905
0100	Ukraine	11840
0100	USA, University NW	13750
0100	VOA	11705, 11820, 13740, 15250, 15300, 17740, 17820
0130	Finland, YLE	12035 (Sun only)
0200	Argentina, RAE	11710 Mon — Fri
0200	Australia	15240, 15415, 15515, 17580, 17750, 21725
0200	BBC WS	9915, 11760, 12095, 15280, 15310, 17790
0200	Canada, RCI	11865, 17860
0200	Cuba, R Havana	11705
0200	Ecuador, HCJB	11840, 21455U
0200	Germany, DW	11965
0200	Hawaii, KWHR	17510
0200	Hungary, R Budapest	9835
0200	NZ, RNZI	17675
0200	Romania	11830, 11940
0200	Russia, VOR	13665, 15470
0200	Taiwan, R Taipei Intl	11740
0200	USA, University NW	13750
0200	VOA	11705, 11820, 15250, 15300, 17740, 17820
0230	Sweden, R Sweden	9495
0250	Vatican	9605
0300	Australia	11765, 15240, 15415, 15515, 17580, 17750, 21725
0300	BBC WS	11730, 11760, 11955, 15280, 15310, 17760, 17790, 21660
0300	Bulgaria	9400
0300	China, CRI	9690
0300	Costa Rica, RFPI	15050
0300	Cuba, R Havana	11705
0300	DW	9640, 9700, 11750

0300	Ecuador, HCJB	9745, 11840, 21455U
0300	Hawaii, KWHR	17510
0300	NHK/R Japan	17825, 21610
0300	NZ, RNZI	17675
0300	Oman	15355
0300	Russia, VOR	12020, 13665, 15470
0300	Thailand	15460
0300	USA, AFN	10320 USB, 10940.5 USB, 12689.5 USB
0300	USA, University NW	11870
0330	BBD WS	15420
0330	Hungary, R Budapest	9835
0330	Sweden, R Sweden	9495
0330	UAE	12005, 13750, 15400
0330	Vietnam	9795
0400	Australia	15240, 15415, 15515, 17580, 17750, 21725
0400	BBC WS	9410, 11760, 11765, 12095, 15240, 15310, 15420, 15575, 17790, 21660, 21830, 21850
0400	Belgium, RVI	11985
0400	China, CRI	9730
0400	Cuba, R Havana	11705
0400	Czech Rep, R Prague	9435
0400	DW	9565, 11965, 11935
0400	Ecuador, HCJB	9745, 11840, 21455U
0400	Hawaii, KWHR	17780
0400	NZ, RNZI	17675
0400	NZ, ZLXA	3935
0400	Romania	9570, 11830, 15335, 17735
0400	Russia	7180, 12000, 13665, 15445, 15470, 15595, 17595
0400	Switzerland, SRI	9885, 9905
0400	Turkey	21715
0400	Ukraine	9810
0400	USA, AFN	10320.0, 12689.5, 13362.0 (all in USB mode)
0400	USA, KTBN	9975

0400	USA, KVOH	9975
0400	USA, Uni NW	9725, 11870, 13750
0400	USA, WBCQ	7415
0400	USA, WHRI	7315
0400	USA, WJCR	13595
0400	USA, WSHB	12020
0400	USA, WTJC	9370
0400	USA, WYFR	9355, 9505
0400	VOA	9575, 9775, 9885, 15205
0430	Costa Rica, RFPI	15050
0430	Czech Rep, R Prague	9865, 11600
0430	Netherlands, RN	9590
0500	Australia	12080, 15240, 15515, 17580, 21725
0500	BBC WS	6175, 6195, 9410, 11760, 11765, 11955, 12095, 15310, 15360, 15575, 17640, 17765, 17790, 17885, 21660
0500	Canada, RCI	9760, 11905
0500	Caribbean Beacon	6090
0500	Channel Africa	15215
0500	China, CRI	9560
0500	Costa Rica, RFPI	15050
0500	Cuba, R Havana	9550, 9820, 9830
0500	DW	5960, 6120, 9670, 11795
0500	Ecuador, HCJB	9745, 11840, 21455U
0500	Hawaii, KWHR	11565, 17780
0500	Israel, KOL	9435, 11605, 17545
0500	Kuwait	15110
0500	Netherlands, RN	6165, 9590
0500	NHK/R Japan	6110, 7230, 9835, 11715, 11760, 17810, 21755
0500	Nigeria	7255
0500	NZ, RNZI	17675
0500	NZ, ZLXA	3935
0500	Russia	7125, 7180, 12020, 15455, 15470, 15595, 17595
0500	Spain, REE	6055
0500	Switzerland, SRI	9655

0500	USA, AFN	6458.5, 10320, 12689.5, 13362 (all in USB mode)
0500	USA, KTBN	7510
0500	USA, University N/W	5935, 7375, 9725
0500	USA, WBCQ	7415
0500	USA, WEWN	5825
0500	USA, WHRI	5745, 7315
0500	USA, WJCR	7490, 13595
0500	USA, WSHB	7535, 15195
0500	USA, WTJC	9370
0500	USA, WYFR	9355, 11550
0500	Vatican	9660, 11625, 15570
0500	VOA	6035, 6080, 7170, 7295, 9700, 11825, 12080, 15205
0530	Thailand	15115
0530	UAE	15435, 17830, 21700
0600	Australia	12080, 15240, 15415, 15515, 17580, 17750, 21725
0600	BBC WS	6175, 6195, 7160, 9410, 9580, 11760, 11765, 11955, 12095, 15310, 15360, 15575, 17640, 17760, 17790, 21660
0600	Canada, RCI	6045, 6150, 9670, 9780
0600	Caribbean Beacon	6090
0600	Channel Africa	15215
0600	Costa Rica, RFPI	15050
0600	Cuba, R Havana	9550, 9820, 9830
0600	DW	6140, 7225, 9565, 11785
0600	Ecuador, HCJB	9475, 11840, 21455U
0600	Hawaii, KWHR	11565, 17780
0600	Kuwait	15110
0600	NHK/R Japan	7230, 15195, 21755
0600	Nigeria	7255
0600	NZ, RNZI	17675
0600	NZ, ZLXA	3935
0600	Romania	9530, 11830
0600	Russia	15460, 15470, 15525, 17570, 17655, 17665, 21790
0600	Switzerland, SRI	9655
0600	USA, AFN	6350.0, 6458.5, 10320.0, 10940.5, 12689.5, 13362.0

		(All in USB mode)
0600	USA, KAIJ	5755, 5775
0600	USA, KTBN	7510
0600	USA, KVOH	9975
0600	USA, University N/W	5935, 6150, 9725, 11870
0600	USA, WBCQ	7415
0600	USA, WEWN	5825
0600	USA, WHRI	5745, 7315, 7435
0600	USA, WJCR	7490
0600	USA, WSHB	7535
0600	USA, WTJC	9370
0600	USA, WWCR	5070
0600	USA, WWFV	5085, 6890 USB
0600	USA, WYFR	5985, 7355
0600	VOA	5995, 6035, 7170, 7295, 11805, 11825, 11930, 12080, 15205
0615	Greece	7475, 9420, 15630
0630	Vatican	11625, 13765, 15570
0700	Australia	9660, 12080, 15240, 15415, 17580, 17750, 21725
0700	BBC WS	6175, 9410, 9580, 11765, 11955, 12095, 15360, 15400, 15485, 15565, 17640, 17760, 17790, 17830, 21660
0700	Caribbean Beacon	6090
0700	Costa Rica, RFPI	15050
0700	Ecuador, HCJB	9780, 11755, 21455U
0700	Hawaii, KWHR	11565, 17780
0700	KHBN	9985, 15725
0700	Kuwait	15110
0700	Malta, V of Med.	6010
0700	Malaysia	15295
0700	NZ, RNZI	15175
0700	NZ, ZLXA	3935
0700	PNG, Port Moresby	5985
0700	Romania	17720, 21480
0700	Russia	15460, 15470, 15525, 17570, 17655, 17665, 21790

0700	Slovakia	17550, 21705
0700	Taiwan, R Taipei Intl	5950
0700	TWR	9870
0700	USA, AFN	6350.0, 6458.5, 10940.5, 12689.5, 13362.0 all USB mode
0700	USA, KAIJ	5755
0700	USA, KTBN	7510
0700	USA, University N/W	5935, 7375, 9725, 11870, 13750
0700	USA, WBCQ	7415
0700	USA, WEWN	5825
0700	USA, WGTG	5085, 6890U
0700	USA, WHRI	5745, 7315, 7435
0700	USA, WJCR	7490
0700	USA, WSHB	7535
0700	USA, WTJC	9370
0700	USA, WWCR	5070, 5935
0700	USA, WYFR	7355, 9985, 11580
0700	USA, V of Hope	5975
0730	Austria, ORF	6155
0730	Finland, YLE	9510, 21670
0730	Guam, KTWR	15200
0730	Switzerland, SRI	9885, 13635, 17665
0730	Vatican	7250, 11740, 15595
0800	Alaska, KLNS	9615
0800	Australia	5995, 9710, 12080, 13605, 15240, 15415, 17750, 21725
0800	BBC WS	9410, 9740, 11975, 11955, 12095, 15360, 15400, 15485, 15565, 15575, 17640, 17760, 17830, 21660, 21830
0800	Belguim, RVI	5985
0800	Caribbean Beacon	6090
0800	Czech Rep, R Prague	11600, 15255
0800	Ecuador, HCJB	9780, 11755, 21455U
0800	Germany, V of Hope	5975
0800	Guam, KSDA	9870
0800	Guam, KTWR	15200, 15330

0800	Hawaii, KWHR	11565, 17780
0800	Monaco, TWR	6045, 9870, 12070
0800		NZ, RNZI
0800	NZ, ZLXA	3935
0800	Pakistan	17525 (5 mins)
0800	PNG, Port Moresby	4890, 5985
0800	Russia	15460, 15470, 15495, 17495, 17525, 17570, 17655
0800	Slh Korea, RKI	9570, 13670
0800	USA, AFN	6350.0, 6458.5, 10940.5, 12689.5, 13362.0 (all USB)
0800	USA, KAIJ	5755
0800	USA, KTBN	7510
0800	USA, University N/W	5935, 7375, 9725
0800	USA, WEWN	5825
0800	USA, WHRI	5745, 7435
0800	USA, WJCR	7490, 13595
0800	USA, WTJC	9370
0800	USA, WSHB	7315, 7535, 9845
0800	USA, WWCR	5070
0800	Vanuatu	4960
0800	VOA	11995, 13615, 15150
0830	Australia	9710, 12080, 13605, 15240, 15415, 17750, 21725
0830	Monaco, TWR	12070
0830	Solomon Islands	5020
0830	Switzerland, SRI	9885
0830	VOA	11995
0830	World Radio NW	21590
0900	Australia	11880, 13605, 17750, 21820
0900	BBC WS	6195, 9605, 9740, 11765, 11955, 12095, 15190, 15310, 15360, 15400, 15485, 15565, 15575, 17640, 17760, 17790, 17830, 21470, 21660
0900	Caribbean Beacon	6090
0900	China, CRI	11730, 15210
0900	Costa Rica, RFPI	15050
0900	DW	6160, 12055, 17625, 17770, 17820, 21560
0900	Ecuador, HCJB	9870, 11755, 21455U

0900	Guam, KTWR	15200(15mins), 15330
0900	Germany, V of Hope	5975
0900	Hawaii, KWHR	11565, 17780
0900	Monaco, TWR	9870, 12070
0900	NZ, RNZI	15175
0900	NZ, ZLXA	3935
0900	PNG, Port Moresby	4890
0900	Russia	9905, 15460, 15470, 17495, 17525, 17570
0900	Solomon Islands	5020
0900	USA, AFN	6350.0, 6458.5, 10940.5, 12689.9, 13362.0 (all in USB mode)
0900	USA, KAIJ	5755
0900	USA, KTBN	7510
0900	USA, University N/W	5935, 7375, 9725
0900	USA, WEWN	5825
0900	USA, WHRI	5745, 7315, 7435
0900	USA, WJCR	7490, 13595
0900	USA, WSHB	7535, 9845
0900	USA, WTJC	9370
0900	USA, WWCR	5070
0900	Vanuatu	4960
0900	VOA	11995, 13615, 15150
0900	Zambia, Christian V	9865
0930	Netherlands, RN	7260, 9790, 12065
1000	Australia	11800, 13605, 17750, 21820
1000	BBC WS	6195, 9740, 11955, 12095, 15310, 15565, 17640, 17760, 17790, 17830, 21470
1000	China, CRI	11730, 15210
1000	Ecuador, HCJB	11755
1000	Hawaii, KWHR	9930, 11565
1000	India	13700, 15020, 17485, 17840, 17895

1000	Ireland, RTE	11740
1000	Japan/NHK	9695, 15590
1000	Kuwait	17885
1000	Malaysia	7295
1000	Netherlands, RN	7260, 9790, 12065
1000	NZ, RNZI	15175
1000	NZ, ZLXA	3935
1000	PNG, Port Moresby	4890
1000	Singapore (Domestic)	6150
1000	Solomon Is	5020
1000	USA, KTBN	7510
1000	USA, Uni NW	5935
1000	USA, WTJC	9370
1000	USA, WWCR	5070
1000	Vietnam	9840, 12020
1000	VOA	6165, 9590, 15425

Good listening, 73's Ken Baird and Mike Butler

That is an excellent effort by Ken and Mike and I am sure it will be appreciated by all.

Chuck Boehnke of Hawaii wishes all his New Zealand friends Aloha and Mele Kalikimaka. Chuck also advises that Alan Roycroft is well and while Alan is not very active he just loves reading and getting mail. Especially from New Zealand. I am sure that many New Zealand Mediumwave DX'ers will remember Alan's QSL cards and his great comments on the back.

So if you get time please feel free to write :

Alan Roycroft
5 Kahoa St
Hilo
Hawaii 96720

And as I said on the front page "On behalf of all the editorial team I wish you all a very Merry Christmas and a prosperous New Year." I also hope Santa brings you plenty of QSL's and for those lucky enough, maybe a new radio? Whatever you get don't forget to tell us all about it in the January issue of the DX Times.

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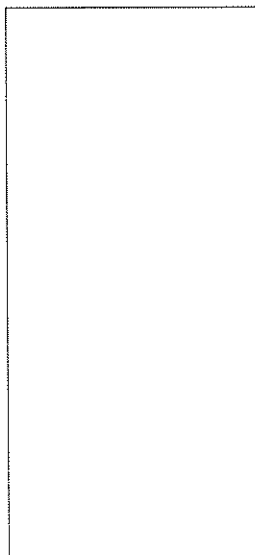
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