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"DXing Adventures In Egmont Park - the Story of a DXpedition to 'Hump', Pouakai Range" by Robert Krijger, New Plymouth.

After seeing a technical article in the NZ DX Times by Peter Chambers on Radial Wire antennas, my latent interest in MW DX was brought back to life. One of the reasons my interest is only latent is the chronic noise problems and inherent lack of space one has in the suburbs. So this item talks of very effective pickup on only 100 metres of wire. Sounds very practical to go away somewhere and set up for the night without too much fuss.

For DXers in my part of the country Peter suggests Stratford Plateau on the eastern side of Mt Taranaki at an altitude of around 1100m as a good site to try. I thought I would go one better than that. As a keen trumper, I thought I would pack up the radio gear and go bush. My younger brother Bryan, also a keen trumper, came along too (to carry the tent!). (I remember the days when Bryan was an avid MW DXer himself - now he's a tent carrier??? - C.Ed]. Our destination was to be a peak on the Pouakai Range, in the Egmont National Park, called "Hump", at an altitude of around 1300m.



After some shopping for various items, and on receipt of my 'Equinox' balun ordered from Paul Ormandy, I was ready to go. The track we were going to take (like most of the bush tracks in the Egmont National Park) the Mangorei Track, can be fairly boggy, so generally needs several days drying out after a good rain for comfortable walking. So part of picking a good weekend to head up was dictated by the weather over the previous week. First targeted weekend was 20-21 of

November, after a reasonably fine spell of weather. Tuned into Augie Auer on National Radio after the 3 p.m. news on the 17th for his fortnightly weather slot, "Not so good" was his verdict for the weekend, with a "cold air flow aloft" causing some instability and thunderstorms activity. Not good for MW DX so the focus turned to the following weekend. (For the record, a strong cold southeast wind did come through, bringing snow to 1500m on Mt Taranaki, but remained clear on Pouakai, (yes... *but reception was awesome!*). QRN at home on Saturday night was also rather high.

Contribution deadline for next issue is Wednesday Mar 1st - PO Box 3011, Auckland

November 27th, election day, weather a little dodgy but still sunny and 20 degrees when we set out on the 20 minute drive to the start of the Mangorei Track, after completing our democratic obligations. The forecast suggested the odd heavy shower, but a wind-change to the southeast, bringing improving conditions.

Loaded up with about 35kg of gear between us, we set out under overcast skies into the bush for the 6km trek to "Hump". At about 800m altitude mark, we walked into the cloud. The odd brief shower was encountered on the upper part of the track, nothing of concern. It was a relief after 2 hours to see the Pouakai Hut, a chance to rest aching shoulders and back, before setting out for the final difficult slog up through steep scrub on the side of "Hump". A howling northerly greeted us as we reached our destination and walked over to our pre-determined camp-site. Very quickly we set about the difficult task of raising the tent in an 80kmh gale, before the weather inevitably broke.

Then it was onto the aerials, 2 x 100 metre radials, one at 20° (the wind caught what was intended to be 15°), and the other at 45°. Straight into the wind and now rain, through scrub and tussock I ran out of clear ground at the far end. I could barely move my fingers from the numbing wind-chill by the time I returned to the shelter of a very inviting tent. Just the earth to put in now. By this time it was pelting down. Every time I tried to knock the earth-stake in I hit rock at around 30cm. Well, that would have to do! The ground after all was, or soon would be, saturated with good conductivity.

Now, the rewards for all that effort. I plugged my IC-R70 into my 12v cordless drill battery, connected the antenna and earth, and switched on. It was about 5 pm by this time, still a bit early for any DX, but I could at least get an idea of what the aerial was doing. Early indications where of some concern. Big signals from the north, which I expected, but even bigger signals from the south, including Christchurch. I wasn't about to go back in the weather to experiment with things so I switched the radio off to save on batteries and set about the more important task of cooking a feed.

That done, it was time to have another look on the radio. Would it all be worth it? Of concern was the late fade-in time, with the first het on 1580 noted at 7:30 p.m. (0630z) but at least there was absolutely no noise, as was to be expected at this height. That is, no r.f. noise but boy! the rain and wind on the tent created a racket! Due to space limitations I was unable to pack headphones so hearing the radio was difficult at times.

By the time the battery had given up the ghost, it had become apparent that DX was as slow as the election results. Whether it was the site, or setup, or propagation on the night, I don't know. Only Hawaii and a handful of stronger North American stations made it through, at levels lower than I have experienced at home. The lack of noise however enable reception of at least one signal on the X-band, something impossible at home on current set-up.

First light, and one has to answer the call of nature. Rain has virtually stopped, just as misty drizzle and the wind, which had changed to a south east gale overnight (knocking the tent around which had been pitched for a northerly) had eased considerably. A glance over the swamp 200m below, towards Mt Taranaki, less than 2km away, saw newly white slopes beneath the cloud base. Once again, there was a dusting to 1500m.

One positive to come out of this trip was the performance of our tent on it's first outing. It survived some very testing conditions and was very warm inside.

The trip down was uneventful if somewhat tedious on a rather damp track - over 100mm of rain fell overnight at New Plymouth airport, and 200mm at North Egmont (the wettest spot in New Zealand for the second year running).

Overall, results were inconclusive. I will take up on Peter Chambers' idea of Stratford Plateau for another trial, but with an earth grid, as I will have the same difficulty driving a stake for a decent earth" *Thanks Robert - trail items appear further on.*

talkback@radiodx.com with David Ricquish, Wellington

Ken Baird, Christchurch leads with 'I've found a particularly good world time clock, available free from www.globalmetric.com/time/ and which gives a very large list of cities and towns you can choose to get the time from. Also includes a world map enabling you to get both the time and distances between different locations. Every time you log on, it updates automatically from the website, with UTC and NZT. Ken also writes about Digital Radio Mondiale (DRM) and 'listening to the BBC digital tests, hearing only noise but very strong signals occupying a large bandwidth. Example: 11715 kHz at 0702 on January 22, was S9+40dB with a bandwidth of about 16 kHz. Signals 5 kHz away could still be heard clearly. All I need now is a digital radio to decode the signals which will be with us sooner than we think.' (Many major SW broadcasters have agreed to introduce DRM as a new standard for broadcasting. RNZI is a member. They have their own website with more information at www.drm.org and there's a brief article in the January 2000 issue of the DX Times)

Jack Searle, Haumoana says the item on the history of China Radio International brings to mind one of his most treasured QSLs, XMPA Chinese Army Radio in 1948. He writes 'XMPA was operated by the Chinese Army Radio Service from Nanking. The QSL is typed on thin rice paper and is for reception on 12,200 kHz with a 1kW transmitter on March 17, 1948. Interesting is the detailed description of the transmitter, using equipment made by the China Central Radio Company. The aerial was 60 feet high using two wires north-south. XMPA broadcast a daily 15 minute English program from 2200-2215 Nanking Standard Time. The station was located at 10 Snake Mountain, Hanchang Gate, Nanking, China.'

Barry Williams, Auckland continues our look back in time with 'it wasn't until I read Jerry Berg's book On the Shortwaves 1923-1945 that I learned that prior to May 1923, US stations were restricted to just two frequencies - 620 and 830kHz. By January 1923, there were over 500 stations broadcasting across the USA on these two channels! In the June 1922 issue of Science and Invention, Hugo Gernsback wrote: to clear up congestion of radio broadcasting, the Department of Commerce has sent out a new schedule of wavelengths which goes into effect on May 15, 1923. Definite wavelengths have been allocated to each of the 5 zones into which the country has been divided. For Class B stations, there will be 10 wavelengths in each zone, adjusted so as not to conflict with any other, and none lower than 500kHz. In addition, 540 Class A low powered stations can remain on 830kHz or choose to use a new special band of 1000 - 1350kHz. Any other new stations also have to use this new expanded band.' As Barry says, DXing must have been very difficult with just two frequencies to monitor!

Dallas McKenzie via e-mail asks if other monitors of RNZI have noticed that 17675kHz has been working overtime recently? He says 'I believe the secondhand French transmitters have been causing other frequencies to be off air in November, and not much improvement into December.' (I know US listeners have complained that reception was continuing to be poor well into January, and the audio streaming wasn't working properly either. However, on a more positive note, visit www.rnzi.com and check out some excellent links. These include

the Commonwealth Broadcasting Association in London at www.oneworld.org/cba/ where you can find links and e-mail addresses for such stations as ZNS Bahamas! (yeah yeah, David, we know! - C.Ed)

Ian Cattermole, Blenheim has been reviewing e-mail reports and brings us his findings 'I've asked many international broadcasters about e-mail reports and trialled quite a few myself. Generally, they prefer snail-mail! One exception is Voice of Russia. Others, such as RDP, RCI and VOA accept e-mail reports but QSL via snail-mail. Israel refused to respond to e-mails, so I printed my reports, mailed them, and back came the snail-mail QSLs! They included a note saying they don't respond to e-mails. Radio Pakistan accepted e-mail reports, QSLd via snailmail, but invited me to continue e-mailing reports. I always use my e-mail address on snail-mail reports now, and have had a few e-mail QSLs back this way as well. Overall, my experience is that more QSLs come back for snail-mail reports than those sent via e-mail. I guess it's fairly easy for station personnel to delete reports in error. For smaller MW and SW outlets, the scenario may be different. I've e-mailed reports to Voice of Sudan and Tibet with no luck. I'll send them snail-mail printouts. I've had a couple back this way including Galei Zahai who said they didn't like e-mail reports! (Ian says he'd like to know how his experiences compare with others. Well, so far I've tried e-mailing reports to ZNS Bahamas. But, they bounce back marked 'mailbox full!') (Broken record, Dave! - C.Ed)

Chris Mackerell, Wellington raises an interesting issue 'have other DXers had any experience with QRM from Sky Digital TV satellite receivers? I've just come back from a couple of weeks at my bach in Nelson where I've installed one of the Ormandy Wonder Baluns on my antenna. This does seem to improve reception, but my balun installation coincided with the next door neighbors installing a Sky dish. The first couple of days I cursed Paul for his useless balun until I removed it and found things got worse! I can't prove it, but I have a nasty gut feeling the Sky system is raising the noise level and producing weird noises throughout the shortwave spectrum. Has anyone else met anything like this?' (I've seen Sky satellite installs where the user has had to switch the Sky equipment off completely to get a watchable picture on normal television channels, so I'd say you're bang on the money - C.Ed)

Daytime DX is a topic which Paul Ormandy, Oamaru and myself have been chatting about recently. In the January 2000 issue of the DX Times his article about North American MW reception mentions hearing signals as early as 0440. From Te Araroa, I've QSL'd midday reception of WVUV 648, 2AP 540 and heard signals from Tonga, Fiji and New Caledonia. This gives rise to the possibility that Hawaiian MW signals may be heard in New Zealand at midday. It's possible, reflecting that the KCCN signal used to override the 2AP signal on 1420 in Apia at midday quite some years ago according to Alan Roycroft. Paul comments that signals from Chile and Peru have also been heard as early as 0230, and the Caribbean is well and truly open by 0330 for signals such as (in the past) VOA Antigua 1580, VOA Belize 1530, Radio Caymans 1555 and Radio Antilles, Montserrat 930. And, with TWR Monaco from the Romoules site on 1467 being heard at 0400, it seems that daytime DX can be very rewarding. In the case of the Pacific stations, sunset at the transmitter locations is still some hours away, so it's a full daytime transmission path across water! Do readers have other views on this subject?

American English is a subject dear to the heart of Jack Searle who writes 'I find reading publications in so called American English to be irritating and annoying' and calls for section editors to use 'correct English'. Unlike the French language, regulated by a permanent com-

mittee of academics in Paris, English has become the lingua franca of the world simply by remaining open to a world of influences. These include India and the USA, which between them, have the majority of the world's speakers of English, with China and Nigeria gaining rapidly! In fact, the University of Auckland has this year introduced classes in 'American English' because many of the world's textbooks, research articles and websites are in this style, and need to be understood!

South Pacific DX Report continues this month. Hear Paul Ormandy every second Sunday at 8:30pm on David Miller's NUU Country program on 4XS Hills AM 1575 Dunedin; and during Jazz Jottings every second Saturday at 4:15pm on 2YB Access Radio 783 Wellington. Remember, we want to make SPDXR available to other New Zealand and Australian locations, and use radio to promote our hobby to more people. Want to hear SPDXR on your local community access station? Contact me at talkback@radiodx.com or write: PO Box 14339, Wellington for more information about this project.

This month, my station of the month is Radio Monte Carlo-Moyen Orient (Middle East). From Parisian studios, they broadcast in Arabic and French across the Middle East, with music in Arabic, French, Spanish and Italian. A mediterranean mezze or mixture! In the 1970s, I QSLd their 20kW outlet in Cyprus on 1232 kHz. This now punches out 1,200kW so is an easier catch on 1233! But, you can also hear them on FM in Doha (Qatar UAE), Amman (Jordan) and Nouakchott (Mauretania) and on SW on 5925/7135 kHz (0800-0900 UTC, 1900-2100 UTC). They relay Radio Canada International FF news, and are the main pop music station for the eastern Med. You can hear their program at www.rmc-mo.com and believe that summer really exists, somewhere! Until next month, enjoy. Ciao

editorial@radiodx.com with Andy Gardner, Mexico

As is usual, an excellent month full of exciting Radio news has left me with very little spare room for me to rant and rave in, so you can all breathe a sigh of relief. Depending on some high level negotiations taking place right now, I should have some rather exciting news for you all next month.

News just in- Mark Nicholls sends an e-mail to tell me that the NZRDXL, the DX Times and the <http://radiodx.com> web site received a very favourable mention in Nick Bollinger's "Radio Review" column in the February 19 issue of The Listener. If you know someone that you think might be interested in our radio hobby, stick the magazine (open on that page) in a strategic location near them, in the hope that they might read it and catch the DX bug!

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

All times in Universal Time (UTC) and frequencies in kHz. Sources: BCDX — Worldwide DX Club, DXLD — Glenn Hauser's DX Listening Digest, Cumbre — Cumbre DX electronic bulletin, and others as specified. Items marked 'Cumbre copyright' cannot be reproduced without permission. There is always room for your contributions!

ARGENTINA 15476 LRA36 reactivated today. Their schedule is daily Mon-Sat 1400-2100, Sun's probably only 3 hours. From 1400-1800 music with news each 30 minutes, and from 1800-2100 usual programmes about the land of Argentina & Antarctic. Checked today and is on the air with strong signal in Buenos Aires (Barrera Jan 31)

AUSTRALIA Radio Australia's special program for Australian Forces in East Timor is

scheduled 1330-1430 9445 11660. The INTERFET operation, led by Australia, formally hands over to a UN 'blue beret' peacekeeping force in late February. Australian troop numbers in Timor will be reduced so this might alter RA's special service (Francis)

BENIN 7200 Radiodiffusion du Benin 2305-2329 West African mx interspersed with messages and greetings from DJ in French, 2320 "emettant du Cotonou", also heard "Radiodiffusion Nationale" and "RT du Benin" as he wound the transmission down. 2328 NatAnth and off.

Found an internet site with information on every country in the world and recordings of their National Anthems at <http://www.emulateme.com>

and the anthem matched. Fair signal on clear channel. Ex 7210 and also noted in the mornings here from 0525 tune in to past 0610. First spotted as an unidentified by Hans Johnson in late Dec. (Mike Barraclough-UK, Jan 22, DXLD) Having just got them identified they move back! 7210.2, Radiodiffusion du Benin, 2255-2304* Choral music, identification "Ici Cotonou..", National Anthem and off, ex 7200. Fair signal on clear channel (Mike Barraclough, England, Feb 1, DXLD)

CENTRAL AFRICAN REPUBLIC Radio MINURCA went off the air Feb 1 at 0615. I'm packing the place up. UN radio should be back on the air from its new home in the CAR in about a month. MINURCA itself ends on Feb 15, however much of the staff has already been sent to other missions. On the positive side, our project for an after-MINURCA radio is going well. A new radio building is under construction at the UNDP compound thanks to a grant from the German government. The Japanese government is likely to buy new equipment for the operation. If all goes well, the new operation could be on the air in three weeks. It will use the same frequencies as Radio MINURCA, with an as of yet to be determined name. This per David Smith, station manager. (via Hans Johnson Jan 29, Feb 2, Cumbre)

CHINA Xinjiang PBS switched to winter freqs - Chinese to 6100 from 7385, Kazakh to 4330 from 5440. Uygur to 5800 from 7195. Mongolian remains unchanged on 4980, 5060. (Olle Alm, Sweden, Jan 8 in BCDX)

GUAM This clarifies information given in a recent Shortwave Report. Adventist World Radio has phased out the issuing of QSL cards at

KSDA. However, QSL cards confirming the reception of KSDA are still available and all reports will be verified from the AWR address in England. All reports should now be sent to the following address in England, where QSL cards will be issued by the Listener Mail Coordinator. The address is:- AWR, 39 Brendon St, London W1, England. It should be noted that the Monitoring Service established by Bernd Friedewald in Germany is processing only regular monitoring reports from official AWR monitors, and they are not issuing QSL cards on behalf of AWR. (DXLD)

INDONESIA RRI FakFak 4789 was off air at the end of January after being damaged in separatist disturbances. However, heard back on air in 1st week of February so normal services appear to have been resumed (Francis)

ISRAEL The Israeli defence forces broadcaster Galei Zahal is being heard on 15785 at various times between 0800-1400, including in NZ by Ian Cattermole who also heard them at 1940 (Ripple, Cumbre). Heard in Canberra in 0630-0800 period too (Francis)

RUSSIA Latest schedule for "Radiostn Tikhyy Okean": 0130-0215 21750 (Irkutsk); 0815-0900 7175 (Khabarovsk), 7210 (Khabarovsk), 7490 usb (Khabarovsk), 10344 usb (Irkutsk), 12045 (Komsomolsk-na-Amure), 17675 (Irkutsk); 1900-1945 7345 (Khabarovsk), 9885 (Mladivostok), 9900 (Irkutsk). (Nikolai Rudnev, RUS-DX via BCDX) The station "Tatarstan Awazy" (Voice of

Tatarstan) now confirms listeners' reports with QSL cards. You may address your reports to: QSL manager, PO Box 134, Kazan, Tatarstan, 420136, Russia. Unfortunately, due to the lack of funds, station asks its listeners to compensate costs of printing and posting the cards. The return postage is 1 IRC for Russia and CIS states, and 2 IRCS (or 1 US\$) for the rest of the world. Alternatively, listeners in Russia may send mint stamps (3 x postage price of ordinary internal letter). The station also introduced the honorary diploma. To receive it, applicants must send in 12 correct reports during a year. The diploma costs 2 IRCS for Russia, and 4 IRCS for abroad. Direct your applications to the above address. You will receive the detailed diploma conditions together with your first QSL. Schedule valid until 25 March 2000 0500-0600 15105 (for Far East), 0700-0800 15105 (for North-West Asia), 0900-1000 11915 (for Europe). The last program of the day is also relayed locally on 252 kHz. Language is mostly Tatar. Regular broadcasts in Russian go out only on Wed (3rd transmission) and Thu (1st and 2nd transmissions). Irregularly they appear on Mon (3rd transmission) and Tue (1st and 2nd transmissions). On week-days, station transmits news bulletins in Russian. All programmes are produced in Kazan studios and relayed via powerful Samara site. Broadcasting is intended for ethnic Tatars who live outside their national republic. The info was obtained from the station's QSL manager. (Dmitri Mezin, Russia, Jan 27 via Wolfgang Bueschel, DXLD)

PAPUA NEW GUINEA Radio West New Britain [3235 —ed.] came back on air last weekend after having been disabled since October last year. The radio station, one of three National Broadcasting Corporation (NBC) stations upgraded with the help of international donor assistance, first went off air in August last year when it was struck by lightning during a freak daylight electrical storm. The damage caused by the lightning strike was repaired and the station resumed operations for just over two months before a seismic tremor measuring 6.9 on the Richter scale disabled the station's transmitter in November. A month before, the station was commissioned by the minister for Communication and Information. The province is currently into its normal stormy weather season and officials from Governor Bernard Vogae's office are pleased that the station is back on line to provide essential warnings and announcements to those who depend on it. ("The Independent" newspaper, PNG, Feb 3)

SIERRA LEONE Sierra Leone Broadcasting Service (SLBS) says that they were testing last week and that they commissioned the station on Jan 28th. They had finally received spares for their 10 kW transmitter. Their schedule is 0600-1000 and 1900-0000 on 3316. The station is relying on a generator for power, hence the limited schedule. If they can get power from the grid, they will expand from 1000-1900 on 5980. All this per Henry Goodaig Hjax, Assistant Engineer (Hans Johnson Jan 31 Copyright Cumbre DX)

SRI LANKA: Radio Free Asia now using the new IBB relay at Iranawila for Lao 0000-0100 11830 and 1100-1200 15555. Khmer 2230-2330 7185 and 1200-1300 on 13725. VOA News Now vacates 21550 at 1200-1300 to make room for new Khmer transmission. (Kim Elliott, VOA Communications World January 22)

TAIWAN Radio Taipei International monitored schedule on 11550: 0000-0100 RTI Amoy, 0100-0200 RTI Cantonese, 0200-0300 RTI Amoy, 0400-0600 RDP Portugese, 0800-0900 RTI Indonesian, 0900-1000 RA English, 1000-1100 RDP Portugese/Tetum, 1100-1200 RTI Indonesian, 1200-1300 Christian Science Publishing Society English, 1300-1400 WYFR English, 2100-2200 RTI Korean, 2200-2300 RDP Portugese/Tetum, 2300-2400 RA Indonesian. RTI R Taipei International, RDP R Portugal, RA R Australia (Takeshi Hashimoto, Jan 16, BCDX)

USA VOA Communications World can now be heard again in single 25-minute blocks, replacing the 9-minute bites introduced as part of the 'News Now' format. To Pacific/East

Asia/South Asia at 0132 7115, 7200, 9850, 11705, 15250, 15300, 17740, 17820; 0932 11995, 13650, 15150; 1332 6110, 9355, 9645, 9760, 11705, 11920, 15425, 21550; 1732 6110, 7125, 9645, 15395; 2132 11870, 15185, 17735, 17820 (VOA)

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

We all need holidays, so while Laurie is taking a break in Brisbane I will be putting Shortwave Mailbag together for this month. Being a keen DXer, Shortwave Mailbag has always been one of my favourite sections in the DX Times. Admittedly, my name does not appear as often as I would like, but this is due to more selective logging over recent years. All my life QSLing has been the eventual aim and outcome of making a logging. It is good to see that there are still others in the club that feel the same. For some of you who may be just listeners, perhaps you might try and send off the odd reception report, and get the pleasure of getting that QSL back. Try it. **Barry Williams** Now for this month's mail:

Jack Searle, Haumoana, like me a past editor of this section has his usual good list; R.Vlaanderen via Julich 11695, China Radio Int.15210 with calendar, TWR via Albania 12070, TWR via Monte Carlo 9870, HCJB 9780, 11755 with calendar, V.of Russia via Komsomolsk 15470 with personal letter (which makes the QSL all the more interesting), VOA Philippines 17735, WSHB 9845 in 355 days, Radio Portugal 11550, 13700, 15140, 17725. As a bonus to the above Jack also received a nice desk filing system from RAI in appreciation of his monitoring services. (Very nice Jack). A statistic from Jack; 5 1/2 pages in his log book for reports sent out. (Mine was only one and a half pages, Jack).

Paul Peacock, Blenheim, reports only 3 veries for the month but included a new country. They were DW Wertachtal 21680, Radio Chechnya Svobodnaya 11635 400 kW via St.Petersburg- Popovka, and Voice of Africa, Libya 11815 to give Paul country No. 123. (Congratulation Paul).

Robert Parks, Lower Hutt, has received back QSLs from Radio Taipei/WYFR on 15600 and 11565 kHz. Robert uses a Kenwood R1000 with 40 foot longwire. (My wife gave me a R1000 for my 40th birthday some years ago. My first digital readout receiver.)

Ian Cattermole, Blenheim, with his usual large list of veries; WRMI 7465, R.Denmark 21490, KSDA 17880, WINB 13800, R.Pakistan 17835, 15530, Vof Vietnam 13740, Kol Israel 11585, R.Sweden 13800, Universal Life 15105, RN Bonaire 9790, RN Tashkent 12070, RN Samara 15525, V of Tibet via Norway 9910, 15645, 15650, 9920 (em), CHNX 6130, R.Vlaanderen 13600, 21550, 13670, RTBF 17570, Vof Malta/ Rome 7150, TWR Swaziland 3200, R.Chechnaya 15355 (em), TWR Monaco 6045, R.Finland 11665, ERT 7475, RDP 17600, R.Free London15060 (em), R.Veritas Asia 15530. A later Email from Ian advises that he has received a further Email from Radio Free London stating their power is 90 watts. They said they had received two reports from NZ, one from Sydney and a few from the east Coast of North America. Their broadcasts are 24 hours, 7 days a week and they had as of 28 Jan, been testing for 3 weeks. (Very interesting Ian. I am still struggling to hear Free London well enough for a logging.)

Bryan Clark, Auckland, has a lone QSL but a new country. Caribbean Beacon, Anguilla 6090. Bryan said he already has more reports out this year than the whole of 1999. (That is a promising start. Now keep it going)

Barry Williams, Auckland, with 2 veries over two months. VOA Morocco 11820 and RAE 11710. Unfortunately only one report out.

Lindsay Robinson, Invercargill lists QSLs in from R. La Hora 4855 plus pennant, (Really great to see someone still getting a pennant back from the Latins), R.Difusora4815, CRI 11720, and a diary from R.Taipeh. A second letter from Lindsay gives a couple more QSLs. RDP via Taipei 1550 and Radio Free London 5805. Lindsay wishes to thank Stan Somons and Eddy Macdekill for the tip on R.Free London.

Gunter Jacob, Passau, Germany a name we have not seen in the DX Times for a few years. Welcome back Gunter. A good collection of veries received during Nov/Dec. RNZI 11695, RA Brandon 5995, Shepparton 9710, 21725, VOA Tinian 9780, 15250, HCJB 9765, SRI Montsinery 9905, 13790, RN Bonaire 17605, ORF via Sackville 6015, DW via Sackville 9640, ORF 9870 21765, RN Flevo 9895, R.Romania 15105, R.Sweden 9495, Vatican Radio 9600, R.Minsk 11700, R.Slovakia Int. 5915, 9450, TWR Monaco 9870, VOA Kavala 6040, 9575, Evangeliums R. via Skelton 6130, High Advent Min. via Julich 15715, VOA Morocco 9760, VOA Sao Tome 5970, CRI via Mali 15500, R.Christian Voice Zambia 4965, VOA Yerevan 15510, CRI 7590, R.Tashkent 5035, VOA Philippines 15425, VOA Udorn 9645, 11920. (Nice to hear from you Gunyer, What about dropping me a line or an Email and let us know what you have been doing since we last met.)

Arthur de Maine, Paremata, WELLINGTON squeaks in at the last minute with two back. One from RFPI, Costa Rica 6975 and the other from Radio Japan 21670. Hope all is well down in the deep south.

BEST OF THE MONTH UNDER 9 goes to Lindsay Robinson with Radio Free London 5805 kHz assuming it was also 90 watts.

BEST OF THE MONTH OVER 9 Goes to Radio Free London on 15060 kHz with 90 watts entered by Ian Cattermole. (Ian, correct me if I am wrong, but I believe CHNX is 500 watts)

Just a final comment while I am editing this section. My understanding is that a QSL verifies the transmitter site and frequency. The broadcaster being secondary. With the number of relay sites being used in recent years by International Broadcasters, this gives us the possibility of the same transmitter and frequency being used by several different broadcasters. Each broadcaster may issue a QSL for the same transmitter and frequency. I have no problem with DXers logging and verifying these broadcasts, after all it is a hobby, but should they be counted as separate QSLs? Lets hear your opinion in TALKBACK. Good DXing to you all.



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. Also, would you please add the date of logging to your information.

KHz UTC Country, Station, Programme, & Reception Details

2124 0920 SAMOA, Harmonic of Samoan MW stn on 1062, very weak but copyable in Samoan. Only heard once — PRC 29/12

2310 1719 AUSTRALIA, Alice Springs moderate with prgm on genealogy // 2325 fair, 2485 moderate — KVB 15/1

2410 1015 PNG, R Enga excellent most nights, regularly back on air — PRC 29/12

2460 0912 BRAZIL, R Alvorada good on Portuguesecarrier heard 0850, s/on 0900 and faded out by 0920 PRC 29/12

2480 0900 UNID, possible harmonic of R Nacional de Venezuela on 1240 KHz, lively latin music, Spanish talk, possible IDs on the hour — PRC 29/12

2485 1007 AUSTRALIA, ABC Territory Radio, Katherine fair with Globetrotter with music from Cape Verde Is — KVB 2/1

3214.8 1120 INDONESIA, RRI Manado gd mx, ID at 1155 in Indonesian then nx - LM 22/1

3220 0936 PNG, R Morobe (tent) moderate in Pidgin with upbeat local music — KVB 15/1

3230 1415 NEPAL, R Nepal T/C, ID and EE news, fair // 5005 — LM 20/1

3250 1200 PERU, R Comas TV Lima poor with ID, commercials and news in Spanish, Korea absent — LM 24/1

3300 1130 GUATEMALA, R cultural poor with ID and Spanish relig prgm — LM 24/1

3300 0840 GUATEMALA, R cltural, poor/fair in SS with a few refs to R Cultural - KVB 8/1

3315 0908 PNG, R Manus national news in EE then R Australia being relayed, then into local news — DN 21/1

3315 1730 INDIA, AIR Bhopal with AIR ID at 1730 and EE news, good 5/1 but poor 6/1 due to noise. Local language 1735 then off at 1739 — BDC 5/1

3320 1900 STH AFRICA, R Sonder Grense with time pips, ID & nx in Africans - LM 21/1

3325 1040 PNG, R Bougainville vgd in pidgin w/ messages etc, great IDs at 1100 - IC 13/1

3365 1748 INDIA, AIR Delhi fair/moderate pres. Hindi with prgm of local mx - KVB 5/1

3375 0913 PNG, R Western Highlands fair in pidgin with choir singing — KVB 15/1

3881 1740 STH KOREA, Clandestine V of the People in presumed Korean// 3912 both with jamming plus 3912 suffers bad splash from BBC Singapore — BDC 6/1

3905 1005 PNG, R New Ireland being out gunned by Merauke but no doubt pidgin station in background. Other PNG's on 3395, 3245 — DN 22/1

3905 0945 INDONESIA, RRI Merauke in // 4874.5 R Sorong. Both of good strength but Merauke battling with co-channel R New Ireland in PNG — BDC 17/1

3905 1030 INDONESIA, RRI Merauke good w/ ID then Berita Keluarga over PNG - LM 26/1

3976.1 1250 INDONESIA, RRI Pontianak v good with Indo pops and ID at 1258 — LM 20/1

3985 1727 STH KOREA, Echo of Hope Seoul (tent) fr in KK w/ upbeat Asian mx - KVB 15/1

3995 0728 GERMANY, DW very good with theme music and news in German. Reception coincided w/ grayline between Germany & NZ. Closed with IS, ID at 0800 - BDC 5/1

3995 0659 GERMANY, DW fair in German with mention of Rugby NZ (Sevens) in headlines, ID and news at 0700 — KVB 12/1

4000.1 1330 INDONESIA, RRI Kendari good with music and local ID — LM 23/1

4003.2 1240 INDONESIA, RRI Padang good with Indo pops, ID, commercials — LM 25/1

4540 1725 UNID, ??? fair in Eastern European language — HJS

4753.3 1130 INDONESIA, RRI Makassar?? v good with pop music then radiograms, no ID heard, using new name — LM 25/1

4795 1016 RUSSIA, Buryat Radio?? Sad singing with Russian commentary, distinctive chimes at 1035, only audible on LSB this evening. Anyone have any ideas — DN 21/1

4820 1230 INDIA, AIR Calcutta, T/C, ID and news // 4850, 4920 — LM 20/1

4835 1803 MALI, ORTM fair in vernac with Afro music and mention of Bamako - BML 17/1

4850 2030 CAMEROUN, RTV Yaounde good with French comment, 2040 EE prgm, 2100 ID and EE news — LM 21/1

4870 1047 ECUADOR, R Diff Catolica with Santa Maria incessantly // 5040. S/on these

nights at 1030 — DN 17/1

4877.6 1100 INDONESIA, RRI Sorong v good with news and ID — LM 25/1

4915 2000 GHANA, GBC Accra good with ID and EE news — LM 23/1

4925 1130 INDONESIA, RRI Jambi v good with ID and vernac prgm, appears to be back on frequency — LM 22/1

4930 1945 TURKMENISTAN, Turkmen Radio v good with EE songs followed by news in vernac 2000 — LM 23/1

4950 1730 INDIAN KASMIR, Srinigar fair with AIR news relay in EE, local language from 1735 and off at 1739 — BDC 5/1

4975 0930 PERU, R del Pacifico poor with ID and relig music and Bible readings - LM 24/1

5015 1500 TURKMENISTAN, Turmen Radio poor with jamming with vernac comment and folk music, no EE at 1900 — LM 20/1

5030 1200 BHUTAN, BBS Bhutan good with EE ID & nx, EE previously heard 1415 - LM 22/1

5040.1 1225 INDONESIA RRI Pekanbaru good with pops then into Holy Koran — LM 23/1

5047 1750 TOGO, R Togolaise poor in French with Afro music — BML 16/1

5135 2030 CENTRAL AFRICAN REP, RDC Bangui fair with Afro pops & French ID - LM 23/1

5235.4 1053 PERU, R Apurimac (Tent) weak with huaynos and no firm ID, not helped by strong Chinese on 5240, needs more work — DN 24/1

5910 1830 BELGIUM, RVI good in EE with IS, ID, news // 9925 v good — KAB 12/1

5930 1709 CZECH REP, R Prague fair/good in EE with ID, talk and music — CC 9/1

5950 1000 USA, WYFR good in Spanish with music — JSB 12/1

5950 0700 USA, R Taipei Intl vgd in EE w/ Nx, Taiwanese history, Chinese lesson - JSB 18/1

5975 0810 GERMANY, V of Hope giving address in Hereford, UK, Pittsburg USA, and Canada, fair — PRP 9/1

5980 1940 GUATEMALA, AWR with music prgm, noisy with ID at 1947 followed by comment and more music — KAB 9/1

5985 0800 BELGIUM, RVI v poor in EE with Brussels Calling — HJS

5986 1430 MYANMAR, R Myanmar fair in EE after clear ID and news — LM 23/1

5993.8 1800 MALAWI, MBC Limba poor with ID then EE news — LM 25/1

5995 1430 AUSTRALIA, R Australia v good in EE with news and music — JSB 11/1

6015 0540 CANADA, ORF Austria fair in EE with Listener's Mailbag — KAB 9/1

6015 0800 GERMANY, R RSG (Reimscheid & Solingen) good with special one off broadcast in German, noisy by 0833 — IC 1/1

6020 1000 AUSTRALIA, R Australia with Spanish songs then into Tok Pisin after ID, then news, fair — JSB 12/1

6035 0600 ??? VOA News Now v good — JSB 18/1

6050.2 1845 NIGERIA, R Nigeria Ibadan Live speech by army general in EE followed by drum roll ID, blocked by BBC and VOT 2130 — LM 26/1

6055 1915 RWANDA, R Rwanda good with ID in EE followed by weekly news roundup then into French — LM 23/1

6060 0900 ARGENTINA, R Nacional Buenos Aires ID, news in SS then tango mx - LM 23/1

6065 1830 SWEDEN, R Sweden fair in EE with 60 Degrees North & Sports Scan - KAB 24/1

6069.7 0835 INDONESIA, RRI Jayapura fading up at 0835 but severe QRM from Voz Critiana on 6070. 0859 Moslem call to prayer, Indonesian talk, local ID at 0948 — BDC 29/1

6070 0759 CHILE, Voz Cristiana strong with full ID at 0759 with gospel prgm. CKRX Toronto in the background and occasionally readable during VC's prgm breaks - BDC

6090 2030 NIGERIA, FRCN Kaduna good with political commentary nin Hausa?. At 2100 drum roll ID — LM 22/1

6100 0520 GERMANY, DW fair in EE with news commentary, // 6120 — KAB 9/1

6110 0520 JAPAN, R Japan/NHK fair in EE with trad. JJ music //9835,11840 - KAB 9/1

6120 1105 CANADA, R Japan via Sackville in Ee with good signal — JSB 12/1

6135.51000 BOLIVIA, R Santa Cruz poor in Spanish with commercials and ID — LM 23/1

6153.50955 INDONESIA, RRI Biak (pres.) w/ reggae mx & few announcements - BDC 17/1

6153.90930 INDONESIA, RRI Biak good with news in Indonesian followed by ID — LM 27/1

6155 0550 AUSTRIA, ORF gd EE w/ cmnt ry Austria & Austro-Hungarian Empire - KAB 10/1

6160 0850 CANADA, CKZU Vancouvr w/ CBC radio ID 0900 then CBC Nx Desk - LM 20/1

6165 1915 ZAMBIA, ZNBC weak but clear in EE — IC 25/1

6185 0900 MEXICO, R Educacion fr in SS w/ mariachi & old time mx then EE ID - LM 23/1

6265 1800 ZAMBIA, ZNBC Lusaka fair with EE news daily except Sat. — BML 22/1

6480 1840 STH KOREA, RKL strong with KK lesson in GG, sung RKL jingle at 1842 - BDC 5/1

6575 1832 NTH KOREA, R Pyongyang strong with political commentary in Italian with ID. Also noted on 6520 in Arabic with ID 1839 — BDC 5/1

6975 1047 COSTA RICA RFPI fr in EE w/ ID then sounded like World of Radio ??? - CC 23/1

7099 0555 NZ, Pirate illegal rel. in AM of CHCH stnfr-gd until tune-out 0710 - BDC 3/1

7105 0653 ROMANIA, R Romania Intl fair/good in EE with talk about Romania, ID and off at 0655, some QRN — CC 12/1

7115.5 1045 THAILAND, R Thailand gd in Thai with comment, ID, T/C spoilt by het - LM 20/1

7125 0530 CIS, V of Russia gd in EE w/ comment on & mx abt Moscow //7180 - KAB 9/1

7125 0500 MOLDOVA, V of Russia excellent in EE with European news — JSB 10/1

7130 1215 TAIWAN, R Taipei Intl gd in EE w/ ID & prgm details // 9610 as good - CC 11/1

7150 0720 ITALY, V of Med gd in EE w/ talk abt oil spill and flu' epidemic, ID 0728 - CC 19/1

7165 1645 ETHIOPIA, R Ethiopia Gedja good with EE news and comment and ID - LM 27/1

7170 2030 SENEGAL, RTS Senegalaisegood with French ID then African news - LM 25/1

7175 1715 ERITREA??, V of BME?? Good in Arabic with references to Eritrea — CC 2/1

7185 1229 BANLADESH, Bangladesh Betar gd IS, ID, nx, cmmntry about flowers-LM 26/1

7185 1230 BANGLADESH, R Bangladsh fr/gd EE w/ nx, ID@1240, rather distorted - CC 11/1

7200 1700 SUDAN, NBC Omdurman gd w/ ID, EE press review, QRM frm R Jap. - LM 27/1

7240 1940 AUSTRALIA, R Australia fair in EE with story by Henry Lawson — KAB 8/1

7240 1726 GERMANY, DW Wertachtal S9+ signal in Polish — HJS

7245.4 0555 ALGERIA, RTVA Algiers fading up here at 0555 but severe het and QRM from 7245. Arabic and some French heard with frequent mentions of Algeria — BDC 24/1

7260 0600 VANUATU, R Vanuatu fair in EE with American relig prgm on Sundays — IC 9/1

7260 0758 ITALY, AWR with EE ID at close, fair. Not usually heard as R Vanuatu has been running late on 41m — BDC 6/1

7260 0500 VANUATU, R.Vanuatu has been erratic in its use of this daytime freq lately. Noted in Pidgin 4/1, closed 0836 to appear on 4960 2 min later. On 5/1 stayed on 7260 until 0923 just prior to RN Pacific service opening at 0925. On 6/1 Vanuatu noted opening on 4960 at 1901 & stayed there all day. Nothing audible 7260 day/night - BDC 4/1

7260 0353 RUSSIA, V of Vietnam fair in EE with music, ID and off at 0356 — CC 16/1

7270 2045 GABON, RTV Gabonaisepor with Afro sngs and ID at 2100 — LM 21/1

7295 0530 ??? VOA to Africa, fair with music prgm, ID 0530 followed by news — KAB 9/1

7315 1747 CIS, V of Russia fair in EE with slight QRM — HJS

7365 1309 ALASKA, KLNS good in EE with music and ID — CC 18/1

7405 1430 CHINA, CRI vgd EE w/ China news then Chinese lesson, 1457 s/off - JSB 11/1

7415 0815 USA, WBCQ good in EE with relig prgm, and phone number — LM 23/1

7465 0400 NORWAY, NRK Norway v good in Norwegian with news after IS, ID — JSB 18/1

7465 0430 NORWAY, R Denmark v good with news in Danish after IS, ID — JSB 18/1

7500 0430 ROMANIA, R Moldova Intl fair in EE for 25 minutes, improved audio — BML 1/1

7510 2000 ISRAEL, KOL Israel new freq EE to Nth Am, Eur much better on //11605 - IC 6/1

7560 1753 GUAM, AWR/Asia fair ending transmission — HJS

7560 1728 GUAM, KSDA good in EE with ID and EE prgm, Wavescan — CC 2/1

Thanks to all the contributors for this month. Still haven't heard Poland but did pick up Oman, Bill. If you have the date, put it in Jack, if not don't worry. 73's, Ken Baird

CONTRIBUTORS FOR THIS MONTH

BDC — Bryan Clark, Auckland, AOR 7030+ with Alpha Delta sloper, longwire : BML - Bill McLeod, Christchurch, NRD 545, 60m wire, 12m vertical: CC - Cliff Couch, Paraparaumu, ATS 803A, 60m horizontal loop, 26m wire with Balun: DN — Dave Norrie, Auckland, AOR 7030, T2FD, 25m longwire with balun, 12m vertical : HJS — Jack Searle, Haumoana, Icom R71, 100m longwire, 19m & 60m dipoles : IC — Ian Cattermole, Blenheim, JRC NRD 545, T2Fd and Alpha Delta antennas: JSB — Jon Standingbear, Beaumont CA, USA, Palstar R30, Drake SW2, Off centre fed dipole : KAB - Ken Baird, Christchurch, R5000, ATS 909: 15m wire, Eavesdropper: KVB — Kevin Brayshaw, Levin, FRG7, ICF 2001, HF Loops & 5MHz dipole : LM — Leigh Morris, Long Point, Sth Australia, AOR 7030, R8A, longwires/Beveridges: PRC — Peter & Robin Chambers, Strafford Plateau, Mt Egmont, R8A, Ground radial antenna : PRP — Paul Peacock, Blenheim, Sony 6800, SW Listener.

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

2000 Millennium greetings from Trentham A special welcome to new contributor Robert Park from down the road in Lower Hutt. Another grey day here but hey today I heard my first station from Antarctica All times are UTC

KHZ	TIME	COUNTRY	STATION & PGM DETAILS	INITIALS
9165	1800	AZERBAIJAN	R Dada Gorgud fr in EE with ID " This is Radio Dada Gorgud from Azerbaijan broadcasting daily from the capital of Azerbaijan " Frequencies given 1296 kHz and 9165 kHz Nx ten feature on building construction then local songs 27/1 LMM	
9400	0350	BULGARIA	R Bulgaria Good in EE w/ DX prgm, ID Freq not listed in PWBR 9/1 CC	
9440	1915	CHINA	CRI Fair/good ending Nx in EE then Current Affairs after fertiliser commercial HJS	
9525	0100	INDONESIA	Voice of Indonesia Cimrangus I/sig and Id in EE " You're listening to the voice of Indonesia in Jakarta " Pgm preview and EE Nx // 11785 26/1LMM	
9550	0530	CUBA	R Habana Cuba gd in EE w/ 'Dxers Unlimited' prgm // 9820 pr-fr 9/1 ABD	
9560	1925	TURKEY	VOT Excellent in Turkish to Aus/ NZ HJS	
9570	1930	QATAR	Qatar BC Service weak but clear in AA 17/1 IC	
9590	1245	SINGAPORE	R Singapore Int Strong in EE talking about Singapore's Attitude to	

the environment Id 1249 with some QRM 18/1 CC

9615 0828 BRAZIL Radio Cultura "thumping" co-channel KNLS English service with parallel 6170 fair at same time, 25/1 BDC

9645.1 0805 BRAZIL R Bandierantes Good in PP with // 11925 4/1 BML

9680 1930 ? VOA Very strong in Albanian HJS

9695 1045 JAPAN NHK/R Japan Good in EE with Asia Media

9710 0930 GERMANY? R Vilnius Lithuania fr in EE w/ I/sig & ID Email & Stn address given at 0940 reports on housing and forestry diseases with QRM from R Australia 23/1 LMM

9720 1656 SRI LANKA VOA relay fr in EE w/ ID & Mx bad QRM Another not in PWBR 2/1 CC

9737 1000 PARAGUAY R Nacional de Paraguay Good in with Jingle Id and Paraguayan harp music splash from BBC 9740kHz 22/1 LMM

9745 2030 SOUTH AFRICA AWR Meyerton Good in EE with id and Gospel pgm Mailing address given 16/1 LMM

9765 0710 ECUADOR HCJB Strong in SS to Europe until 0730 HJS

9780.3 1759 YEMEN Republic of Yemen Radio still regular. Arabic ident as per WRTH at 1759, then English programme 1800, news 1815. Clear and readable till bad QRM 1830 when VOA French transmission opens on 9780, 10/1. BDC

9820 0356 CUBA R Habana Cuba Fair in EE with Latin American music Interval signal and Id at 0359 Rather noisy 9/1 Also on // 9925 at 04 20 on 30/12 CC

9865 0435 CZECH REPUBLIC R Prague Fair in EE with pgm of Czech Jazz Mx 16/1 # PRP

9925 0420 GERMANY Croatian Radio Fair in EE with talk about Croats and freedom Into another language after 0421 30/12 CC

9935 0558 GREECE Radiophonkas Strathmos Makedonias Fair in Greek I/sig 0558 then Interview pgm Id 0637 then Greek Mx to 0700 18/1 # PRP

9955 1940 TAIWAN R Taipei Int Fair in CC to M East /Nth Africa HJS

9955 2200 USA WRMI Miami Good in EE with Id and DX pgm spoilt by jammer 22/1 LMM

11595 0630 GREECE R Makedonias Strng w/ Greek songs //9936 (also strong) 1/1 IC

11615 1720 FRANCE RFI Excellent in EE with item on Swiss railways banning the use of mobile phones by passengers (Hear hear I wonder if Tranzrail would have the courage to do the same here?-Ed) AMQ

11625 0645 VATICAN Vatican Radio Strong in EE with news from around Africa and Id // 13765 the same 12/1 CC

11655 1825 QATAR Qatar BC Service Doha Fair in AA with Id JM 23/1

11705 0535 IRAN VOIRIB Teheran Fair in Turkish 25/1 JM

11710 1830 UAE R Abu Dhabi Fair in AA with Id 24/1 Also heard in same time slot 1855 on // 13755 also fair on 10/1 JM

11715 0702 NETHERLANDS ANTILLES Radio Netherlands Bonaire scheduled daily Jan24-28 till 0729 daily, with digital test transmission targeting BBC Engineer visiting Sydney Australia to demonstrate digital shortwave. Loud and clear 24/1 with opening loop announcement from Jonathan Marks & Diana Janssen in AM mode, then into digital test which sounded reminiscent of Cold War jamming and spread over about 10kHz of the band. One wonders what the impact on AM reception will be if DRM transmissions are sharing the same frequency bands. Other tests conducted from Sackville and Rampisham during same date period. BDC

11715 1220 USA VOA Fair in EE with News Now pgm AMQ

11725 1725 GEORGIA Voice of Hope Strong in EE with 'God's Miracle Hour' Id at 1729 Some

distortion and not listed in PWBR 9/1 CC

11730 1200 CANADA RCI Fair in EE with News Some QRM AMQ

11730 1745 PHILIPPINES R Pilipinas Very good in Tagalog 9/1 IC

11734.1 1900 ZANZIBAR Voice of Tanzania Dole Good with fanfare Id and Nx in Swahili "Hi na sault ya Tanzania Zanzibar"

11780 0655 BRAZIL R Nacional da Amazonia Good with I/sig and Id in PP at 0700 Popular ballads . Also noted at 1000 with 'Jorno da Brasil'. Note the R Bras external service is suspended 22/1 LMM

11785 2000 INDONESIA V of Indonesia Cimrangus Good with Chimes and Id in EE "This ids the Voice of Indonesia in Jakarta the overseas service of Radio Republic Indonesia in Jakarta" Nx then commentary and feature pgm QRM from D/Welle // 9525 blocked / /15150 absent 23/1 LMM

11787.04 2100 IRAQ R Iraq Int. Baghdad Poor in EE id "From Baghdad this is Radio Iraq International". Nx then listeners letters mailing address Low level audio 24/1 LMM

11800 0603 CROATIA? Hrvatska Radio V/good in English Maybe via Julich Germany #HJS

11800 2100 PORTUGAL RDP Good in PP with soccer commentary 25/1 IC

11805 0630 GEORGIA R GEORGIA Dusheti Fair in EE with chimes and Id " This is Radio Georgia " Transmission schedule, and announcements, also phone No 368362 and 368654 Plus mailing address News then today's report on Checyna 26/1 LMM

11818.05 0500 SAUDI ARABIA BSKSA opening w/AA Id 4/1. Badly distorted audio, much better on parallel 21495 at this time. BDC

11835 1330 SERBIA? R Yugoslavia Good with I/sig and Id Then Nx and sports but QRM from BBC Singapore 25/1 LMM

11925 0815 BRAZIL Radio Bandierantes Sao Paulo one of the strongest morning Brazilians at this time along with Brasil Central 11815. Regular time checks, pips on quarter hour. // 9645 also very good. Stations galore in the 0800-0930 UTC period at the moment. Able to positively identify 18 Brazilian stations on 49, 31 and 25 metres, 25/1. BDC

11935 2000 SAUDI ARABIA BSKSA V/good with News in Arabic HJS

11940 1311 ROMANIA R Romania Int Good in EE with news & ID //15390 less clear 18/1 CC

11954 2100 ANGOLA R Nacional Angola Good with musical bridge I/sig Id with Nx and current affairs in PP 16/1 LMM

11960 1745 MALI RTV Malienne Bamako V/good with popular Afro Mx At 1757 Brief closing announcements in FF 19/1 LMM

12010 0600 ? UNID gd in unid language with what sounded like a church service 8/1 ABD

12010 0800 RUSSIA R Maryja Fair signal in unknown language R Maryja mentioned often Talk with some music 27/12 RAP (Most likely Polish language — Ed)

12170 2215 USA WCBQ The Planet Good in EE with religious pgm then mailing address and Id at 2300 22/1 LMM

12095 0610 ? BBCWS Good in EE with News 8/1 ABD

12689 0715 USA AFRTS Key West Fair in EE with Songs and Music 8/1 ABD

1000 Poor in EE in USB mode with sports talkback then News from AFN Washington at 1015 // 6458 good No sign of // 4278 kHz 20/1 AMQ

13600 1848 GERMANY? RVI Fair in EE with 'Brussels Calling' Id heard in S/off ancts AMQ

13640 1245 OMAN R Sultanate of Oman Fair/good in AA 23/1 LMM

13650 0800 ? VOA Good signal in English # HJS

13745 2125 IRAN VOIRIB Excellent in EE Holy Quran pgm at 2132 HJS

13750 1830 INDIA AIR GOS Fair in EE with Listeners Letters 10/1 JM
 13750 2115 CUBA R Habana Cuba Fair/Good with 'Dxers Unlimited' pgm by Arne Coro in DSB Sundays NZ Time (Can you explain DSB? - Ed) [Double side band, no (or reduced) carrier? - C.Ed]
 13755 2215 PORTUGAL RDP Good in PP musical pgm Rare id's HJS
 13765 0650 VATICAN CITY Vatican Radio Good in EE with African News 9/1 ABD
 13800 1815 USA WINB Red Lion PA with full id as "America's oldest gospel shortwave station" & email address. Fair strength. Usual gospel programming followed. 6/1 BDC
 13810 0654 GERMANY Overcomer Ministries Good in EE with religious pgm 9/1 ABD
 13820 0858 GERMANY Croatian Radio Strong with interval signal celeste then into unknown language Croatian with refs to 'Hrratski' Clear Id 0903 4/1 CC
 15060.23 0800 GREAT BRITAIN? (HOBBY PIRATE)Radio Free London heard 12/13 Jan from 0800 with poor but steady signal past 0930. Rock music, lively DJ numerous idents w/ snail mail & email addresses. Thanks to Chris Mackerell for tip - he heard Jan11 BDC
 0750 R Free London Poor /Fair with EE Pop Mx Fading by 1117 29/1 BML
 15075 0348 INDIA AIR Good signal but mediocre modulation in presumed Hindi language with interview ID 0348 18/1 KVB
 15084 0430 IRAN VOIRIB ? Strong in unknown language with martial music and mention of Iran OM speaking 2/1 CC
 15110 0530 THAILAND R Thailand Udorn gd in EE w/ ID Nx and economic review 22/1 LMM
 15110 0700 KUWAIT R Kuwait V/good in EE with yuky Pop music pgm HJS
 15135 2106 RWANDA D/Welle Fair in EE with News // 17560 as good 24/1 CC
 15155 1226 FRANCE RFI Fair in EE with Id and Press review // 15195 as good 11/1 CC
 15205 0700 CZECH REPUBLIC RFE/RL Excellent in RR with lovely classical Mx HJS
 15215 0615 SOUTH AFRICA Channel Africa Meyerton gd EE w/ Nx Station Id 0628 23/1 LMM
 15240 1653 MOROCCO ? VOA relay Good in EE with Africa service AMQ
 15260 0615 IRAN VOIRIB V/good in SS Slow speech a help HJS
 15290 0729 ?VOA Strong in AA signing off then good on 11805 kHz
 15295 0530 MALAYASIA V of Islam Kajang 0530 EE Id "You're listening to the Voice of Islam" with songs and listeners letters V of Malaysia pgm followed at 0600 21/1 LMM
 15335 0125 PHILIPPINES R Veritas Asia fr w/ repeated IDs in EE prior to Hindi pgm 24/1 BML
 15345 1815 MOROCCO R TV Marracaine Nador Tentative Good in AA with local Mx but no sign of Argentina even though it was a week day 30/1 AMQ
 15355 0300 OMAN R Sultanate of Oman pr w/ EE ID then feature on the Holy prophet 0315 Time pips then NX 0320 "End of News from Radio Sultanate of Oman FM" 24/1 LMM
 300 0300 Good in EE Weak at first but comes up about 0315 with News at 0315 The AA pgm takes over at 0404 21/1 BML
 15360 0850 SINGAPORE BBCWS fr-gd in EE talking about war crimes Slight fades 10/1 ABD
 15375 0545 CHILE Voz Christiana Santiago fr SS w/ brief ID, usual gospel SS frmt 20/1 LMM
 15380 1635 GERMANY? D/Welle Good in EE with item on Chinese year of the Golden dragon Part of Asia Pacific report AMQ
 15410 1940 MOROCCO? VOA V/good in EE with Judy Massa's pgm 'Border Crossings' with item by Backstreet Boys // 11970 as good but // 9840 best AMQ
 15435 0715 JORDAN R Jordan V/good in AA // 11835 also good 23/1 IC
 15450 0830 PHILIPPINES FEBC V/good in Mandarin HJS
 15460 0940 RUSSIA VORWS Good in EE with Coachmen's Songs Sign off at 1000 AMQ

15476 1600 ANTARTICA LRA 36 Base Esperanza Heard at good strength with Soccer Commentary until fade out at 1800 Never did hear the final score 1/2 JSB
 1740 TENTATIVE Poor signal in USB mode with Latin songs and announcements in SS by Male ann. but too pr to positively hear ID Not bad for no external aerial 4/2 AMQ
 15480 0645 ISRAEL Kol Israel Fair in AA // 9615 29/12 IC
 15515 0549 AUSTRALIA R Australia gd in EE talking about a college computers etc. 8/1 ABD
 15525 0730 RUSSIA VORWS Excellent EE w/ Moscow Mailbag and Kaleidoscope 28/12 RAP
 15550 1900 ECUADOR HCJB Good opening in FF to Europe // 17795 Fair HJS
 15560 0335 MADAGASCAR R Nederland Moderate in Dutch with sports interview and magazine items Skeds and S/off at 0423 18/1 KVB
 15566 2210 USA WYFR Poor in EE with religious talk pgm 7/1 JM
 15595 0700 VATICAN CITY Vatican Radio V/good in Italian to Asia then AA at 0730 HJS
 15725 1115 GUAM KSDA Strong in Mandarin 11/1 IC
 15820 0210 ARGENTINA R Continental? Poor /fair in SS with spoken items and music at 0700 Very good signal with mentions of 'Continental' This transmission in LSB mode not USB as reported in last months DX Times HJS
 17495 0802 TAJIKISTAN V of Russia WS Fair in EE with Nx about Chechnya Id 0805 17/1 KVB
 17510 2300 HAWAII Que Huong Radio Fair in VV via KWHR 10/1 IC
 17570 0526 RUSSIA V of Medit. mod. in JJ w/ oriental Mx ID 0529 23/1 Sundays KVB
 17570 0700 RUSSIA VORWS Fair in EE with fades 9/1 ABD
 17595 1314 EGYPT R Cairo? fr EE w/ lang lesson by YL as sched in PWBR Dstrtd aud. 18/1 CC
 17620 2316 FRENCH GUIANA RFI Moderate in SS until 2330 then Fair in FF YL ref. to 'World Watch Institute' Id 2316 2318 17/1 KVB
 17680 2205 PORTUGAL RDP Lisbon Fair with soccer commentary in PP 7/1 JM
 17690 0930 NZ RNZI gd on new freq to East Timor. Rprtd S/On 1005 UTC 24/1 IC
 1000 Good on New freq with News of Police Commissioners resignation AMQ
 17695 1830 GERMANY RVI via Julich Excellent strength with 'Brussels Calling' HJS
 17810 1940 SRI LANKA D/Welle Trincomalee V/good with Nx in EE HJS
 17830 1754 ASCENSION ISLAND BBCWS Moderate in EE with preview of Australian open Id 1759 then Nx 1800 14/1 KVB
 17875 0159 JAPAN NHK/R Japan With EE Id and then into JJ Fair/good signal 1/1 IC
 17895 1725 MOROCCO VOA Fair in EE YL with Id and music 2/1 CC
 20276 0837 ARGENTINA? Unknown station with OM speaking in SS? // 15820 USB ref. SW report Dec 99 DX Times Good signal 4/1 CC
 21510 1200 UKRAINE R Kiev Int. V/good in EE with Id Nx and commentary about upcoming elections 19/1 LMM
 21535 1445 ITALY RAI Int Fair in Italian with soccer commentary Sundays only 16/1 JM
 21600 2012 USA Radio Mari via Delano good signal in Spanish but in recent weeks 'bubble' jamming has been evident in the background. Program consisted of legal testimony in English concerning drug running from Cuba, with SS translation 3/1. BDC
 21660 0708 SINGAPORE BBCWS Clear EE but pr strngth & some fades w/ nx items 9/1 ABD
 21705 0645 SAUDI ARABIA BSKSA Riyadh Fair in AA 23/1 JM
 21830 0830 PORTUGAL RDP Excellent to Africa in PP Sundays HJS
 21830 0830 GT BRITAIN BBC WS Good in EE 10/1 JM
 25740 0800 GERMANY D/Welle Wertachal Excellent in GG with S/on details and D/W mentioned off 27/12 RAP

0800 Poor in German to South Africa HJS
 0905 OM & YL speaking in German with similar reception at 1302 18/1 4/1 CC
 25820 0908 FRANCE RFI Good in FF with OM speaking over music 4/1 CC
 25870 2240 USA WFLA relay Poor/Fair past 2330 in EE with talk format Subjects included 'Paul Harvey' and Report with Peter Jennings' id 2254 and 2300 Advertisements for VW and computer training 26/1 KVB

Thanks very much to all this month's contributors. A # mark indicates a report has been sent to the station. I am a bit disappointed that there was no response to the query posed last month by Jon Standingbear. He also sought confirmation from R Australia but got no response. Is it a sensitive issue?

You are welcome to contact me either via P O Box 3011 Auckland or direct at 36A Brentwood Street Trentham Upper Hut or via email

Shortwave Exchange

AMQ Andy McQueen Trentham Sony 6800 ABD Arthur De Maine Paremata Wellington JRC NRD 515 30m longwire / BDC Bryan Clark Mission Bay Auckland BML Bill McLeod Christchurch NRD 54560m wire & 12 m vertical / CC Cliff Couch Paraparamu Sangean ATS803A with 60m horizontal loop HJS Jack Searle Haumoana Hawkes Bay Icom R71 100m longwire + 19m & 60m dipoles IC Ian Catermole Blenheim JRC NRD 545 with T2FD and Alpha Delta antennas JM John Mainland Kaori Wellington JSB Jon Standingbear Beaumont California USA KVB Kelvin Brayshaw Levin FRG7 Sony ICF2001 5 MHz dipole and 40m horizontal loop LMM Leigh Morris Morphett Vale South Australia on DX pedition to Long Point Sih Australia with Drake R8Aand AOR 7030 using longwires and beverage antennas RAP Robert Park Lower Hut Kenwood R1000 with 40 ft longwire.

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

The following aeronautical publications are available to Utility contributors for the cost of mail charges. Drop me a line at 14 Kia Ora Road, Birkdale, Auckland which is the address for all contributions, unless reporting loggings for other columns in which case mail should be addressed to Box 3011, Auckland for separation to respective Sub Editors. Or, of course e-mail to utilities@radiodx.com

Aerad Western Hemisphere Supplement 25/1/99.

Europe and Middle East 9/9/99 and 25/2/99.

Flight info supplement - navigation procedures 8/10/98.

Canada Flight Supplements 20/5/98, 9/9/99, 3/12/99.

Canada En Route Charts VHF and Navigation complete set covering Canada - Low Altitude and High Altitude.

Canadian Terminal Area Charts for main airports.

US Flight Information Publications complete set for North West, South West, North East, South East, North Central, South Central, East Central.

Canadian and US material is of academic interest only whereas the Aerad books include communication and navigation frequencies, meteorological data and an aerodrome directory.

2749 0820 Unid Marine (Canadian ?) station on NE coast re fishing regs. Mention of Halifax then silent. PC

3023 0900 VJM McQuarie Is/Aurora Australis 64S 105E also Green Gorge field station PC
 3312 0718 ZKG 2010 and ZKG 2006 locations Unid with farming talk PC
 4417 0746 Reliance calls Cape Resolution Are you on air BJ
 4417 0758 Antipodes Island WX to Bluff fishermen's radio Antipodes 50S PC
 4417 0809 Ship Shikowski from Bounty Island with ETA Antipodes and Campbell Island with supply drop offs PC
 5598 0724 Gander working Air Mexico 301 BJ

LRA 36

———— RADIO NACIONAL ————

QTH

«ARCANGEL SAN GABRIEL»



QTH
9411

Base ANTARTICA ESPERANZA
TERRITORIO ANTARTICO ARGENTINO
REPUBLICA ARGENTINA

UBICACION GEOGRAFICA

-Lat 63° 24' Sur
-Long. 56° 59' Oeste



5598 0724 Shanwick with French Lines 356 Commander 240 Lauda 9221 BJ
 5649 0816 Saudi 039/Gander BJ
 5649 0816 Virgin 8/Gander BJ
 5649 0839 EL Al 009/Gander BJ
 5649 0850 Irish 251/Shanwick BJ
 5649 0855 Shanwick/Navigator 974 Posn 49N 30W BJ
 5649 0719 Gander/Romanian 9470 Posn 51N 40W BJ
 6215 1925 "Milford Haven" /2MUU Milford Check with Taupo Marine JC
 6516 0631 Auckland Cruising Radio WX and alt freqs calling Daedalus 2 EM
 6628 0802 Santa Maria/Air Mexico 01 Posn 39N 30W Fuel 18.1 Temp -59 EM
 6628 0804 Santa Maria/Avianca 103 FL 390 Next posn not read EM
 6628 0949 Santa Maria/Iberia 6634 Est 25N 30W at 0952 S/C BMAR EM
 6637 0631 Houston/Evergreen 820 with phone patch to Co ETA Guadalajara Mexico (woo-hoo! - C.Ed) 0605 ETA Los Angeles 0905 JC
 6754 0922 Edmonton Volmet WX Cold Lake and Comox EM
 8742 1310 Bangkok Marine Radio ID and WX JC
 8825 1838 Unid/Santa Maria Try 127.9 EM
 8867 0926 Pacific 410/Nadi Confirmed FL 390 Mach .79 Wind 250/20 At 0955 contact Nadi 126.7 EM
 8867 0925 Auckland/Qantas 101 and NZ 26 Datalink has failed Auckland will maintain

guard to 5o South Qantas 101 to maintain block 330/370 NZ 6 call at ODUTI NM

8867 0936 Echo 41/Auckland At LEKAP contact Nadi NM

8867 2348 Auckland/HB1UW S/C ACHM Request 390 at AKMEB NM

8867 2253 Nadi/Cargolux 731 NOGOL at 2303 FL 310 330/85 Temp -37o NM

8867 0149 Akl/CPA 108 S/C FRHJ RP

8867 0200 Auckland/Unid S/C LSAM RP

8867 0211 Ak/CPA 108 Psn S/C GHDL RP

8867 0309 Auckland/Orion 4206 RP

8867 2021 Akl/KAL 8823 Inbound RP

8879 1917 Singapore 406/Perth Try Datalink YMMM or retrn this freq EM

8879 1137 Gander/Air F Concorde 002 Santa Maria 030W FL 520 climbing S/C AKHJ JC

8879 1142 Gander/Lauda Air 3996 51N 40W S/C EKGR JC

8879 1859 Perth/Reach J2FB at Diego Garcia GUDOS 1914 S/C GKFL NM

8891 0745 American 140/Santa Maria
Are you ready to copy 66N 60W 63N
20W STO FL 370 Fuel .80 Call 127.85
EM

8891 1456 Icelnd/Virgin 19 with psn JC

8891 1109 Bodo coming in OK but too
weak to read JC

8891 0700 Iceland/Alitalia 623 Request
descend due ice & fuel NM

8891 0620 Iceland/Finnair 2967 Fl 370
64N 10W NM

8894 0712 Algiers/Nouakchott reciprocated
but neither audible to the
other JC (Wrongly attributed to NM
in Jan DX Times ED)

8903 0446 Kinshasa working Unid JC
(Omitted from Jan DX Times ED)

8906 1755 Santa Maria/Speedbird
Concord 272 Rqst divrt to Shan-
non due low fuel NM

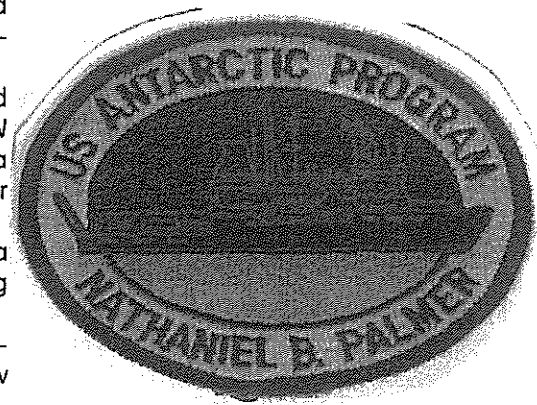
8906 1820 Santa Maria/Speedbird
Concord 272 Posn 46N 60W
climbing 555 from Shannon Santa
Maria asks "what fuel" Answer
325 NM

8906 1833 Frenchline 317/Santa Maria
Cleared to 370 Report reaching
NM

8930 0640 Tower 8909 working Compa-
ny We are diverting to Tel Aviv
BJ

8930 0645 Tower ACEH/Stockholm Posn Boston ex JFK to TLV eta1530 BJ

8930 0714 Stockholm/Air France 3531 Posn 42N 34W BJ



8930 0904 KLM 792/Stockholm BJ

8939 0757 Rostov Volmet WX Krasnodar and Stavropol EM

8951 0759 Tokyo/N800AL RP

8992 0645 GHFS Ascension/Hickham BE 513 Message not copied Requested to send group
Silver EM

9032 2311 Auckland/Skier 96 Auckland to McMurdo RP

10024 1037 Manaus/Giant 58 S/C CLAM NM

10024 1153 Lima/CWC Posn MERLO at 1153 FL 330 NM

10024 1143 22GV/Punta at AREGA climb to 410 @ 100 miles sth Puerto Montt Try 128.5 NM

10024 0710 Bogota/American 918 No reply after 15 mins EM

10024 0717 Bogota Aero Continente 2000 No rply afr 10 mins native EE speaking cptn EM

10024 2229 Perth/Qantas 2907 Posn at 2228 50S 144.45E FL 330 Estimate 55S 144.5E at
1006. Probably Argentina bound EM

11256 0435 Holloway/Ethiopian on ground Cairo 0402/08 JC

11256 0615 Holloway/Ethiopian 3714 Abu Simbel 0621 FL 350 Cairo 0730 JC

11300 0403 Liberty 852/Cairo BJ

11300 1924 Seychelles/Tower TOW 99 Unable work Cairo BJ

11300 1832 Sanaa/TX3C Dar es Salaam to Moscow NM

11300 1721 Tripoli/Royal Air Maroc from Casablanca 1652 FL 350 NM

11300 2033 Jeddah/Sanaa Sudanair 226 Khartoum to Jeddah FL 330 EM

11384 0829 San Francisco/Air Mike 932C S/C EPOR RP

11384 0658 San Francisco/Navy RG 470 Posn TAAVR RP

11384 0752 San Francisco/North West 90 Posn OMLET S/C AMBD RP

11384 0752 San Francisco/Air Mike 963 Posn S/C EFAB RP

11384 0749 San Francisco/Qantas 69 Posn S/C DLBH RP

11384 0814 San Francisco/air Mike 956 Posn MAZZA RP

11396 1743 Qantas 6056/Perth Contact Brisbane 129.85 Darwin NM

13261 0245 Brisbane/Federal Express 77 Posn and S/C RP

13261 0253 Brisbane/Aussie 290 contact Tontouta 128.2 RP

13261 0322 Nadi/Polar Tiger 281 Posn LANIS RP

13261 0414 Nadi/French Navy 5452 No reply RP

13300 0525 N24CL/San Francisco Unable contact Aloha 51 Maintain listening watch until
on ground Midway NM

13300 0531 San Francisco/N24CL confirm Aloha 51 on ground Midway NM

13300 0535 N24CL/San Francisco from ATC cruise 290 NM

13300 0814 San Francisco/Eva 21 Posn 20N 140E RP

17327 1130 This is Monaco Radio 3AC Synthesised music ID in FF and EE NM

21985 0432 Air Mike 978/San Francisco Call Guam 118.7 EM

21985 0441 San Francisco/Air Mike 962 49.4 fuel 250 mil. frm Guam will cntct Gm 118.7 EM

21985 0607 San Francisco/Air Mike 956 Will be out of cockpit Will call bck for clearance NM

21985 0304 San Francisco/Marshall Islands 559 departed Kwajalein RP

21985 0247 San Francisco/Dynasty 760 Posn KEITH S/C BDCR RP

21985 0252 Coastguard 1714/San Francisco Clearance to Wake RP

Thanks to contributors JC John Charlton Greymouth Kenwood 5000 30 m wire NM
Neville McKenty Napier NRD 545 lcom R70 AOR 2002 60 foot antenna sloper Short Wave

listener Discone D130 BJ Basil Jamieson Oamaru Drake R8 Kenwood 5000 30 m wire PC Peter Chambers Napier Drake SPR 4 Amplified 15 foot whip RP Robert Park Lower Hutt Kenwood 1000 40 foot wire EM Evan Murray Auckland Kenwood 5000 T2FD

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

Hi everyone... don't forget it's Equinox time at the end of March... which may be interesting as we're fast approaching the peak of sunspot cycle #23! First, a special appeal from Bryan Clark..

CALLING LONG-TIME MEDIUM WAVE DXERS

Do you have Hawaiian station QSLs in your collection signed by Alan Roycroft? Alan's Broadcast Services Company provided engineering services to many Hawaiian radio stations during the 60s, 70s and 80s. New Zealand-born Alan personally QSLed countless DX reports during that period and usually included a friendly letter of radio news and witty reminiscences. Since his retirement to Hilo on the big island of Hawaii, Alan has suffered a number of serious strokes and is presently unable to communicate well. But he is a voracious reader and his day is brightened whenever there is mail. Hawaiian DXer Chuck Boehnke keeps in touch with Alan for the DX League and in a recent email Chuck writes that Alan "LOVES to get mail and that goes double for mail from New Zealand! HINT! HINT! HINT!". Alan gave much to our hobbies (he is the League's only honorary member and receives the DX Times each month), so why not drop him a postcard or better still a letter about your radio experiences and what's happening at your place. Alan's address is P.O. Box 1602, Hilo, Hawaii 96720.

Radial Wire antennas continue to draw interest and experimentation. This time we have an article from Robert Krijger who combined DXing with mountain climbing! Though first up we welcome a new contributor...

Robert Park, Lower Hutt "I am not normally a broadcast band DXer but occasionally will do a little dabble, so a little contribution is better than no contribution I guess! So my piece of 'rare' DX is just Southern Star, Chch 963. Equipment is a Kenwood R-1000, fed by 40 ft longwire, QTH Lower Hutt" *As you say Robert, better a little than nothing... hint, hint other members!*

Chris Martin, Ormeau Qld. "Very little done here of late. Lost my beverage farm due to development all round with dozers and excavators. Hope to get back in the swing soon though. No logs this year. Lone QSL card arrived from Radio Rebelde 1180 after 4 months for SS report and 1 IRC. Cheers." *Time to move...*

Keith Robinson, Invercargill "During a North island trip verified R Rhema Kaitaia 549 & Wanganui 594, R Sport Wellington 1503, Solid Gold FM Wellington 1233. Some of these logged while marooned in Picton and Wellington on a "memorable" trip on the 'Inter Islander'..." *Say no more!*

Peter "The Aerial Guy" Chambers, Onekawa "Did a bit of DXing over the Christmas/New Year period. Did a tour of the Wairarapa coast, i.e. Herbertville, Castlepoint & Tora. Herbertville proving the top location. For aeriels used Radial Wires and a 10 metre vertical. Also did a trip up to the Stratford Plateau on Mt Egmont with Robin (i.e. Peter's dad and famous MW DXer too). Proved to be an excellent spot for X-band DX on the groundwires, also for the tropical SW bands. Absolutely nil electrical noise on the groundwires but the non-

directional amplified van whip got a bit of hash, presumably from nearby VHF transmitting site. Right though, propagation was poor to mediocre, the best DX being 7th January, X-banders and MW strongest heard by far, picked up some 160m US amateurs as well... Was surprised to hear EE religion on 1570 one night for only a couple of minutes. Just like the Atlantic Beacon religious programs of years ago. Have been messing around with tuners and amplifiers to get some more go out of the Radial Wires. Had excellent success and am now getting better sensitivity though the tuner-amp set-up than with the aerial straight to the antenna socket. Better still, the tuner/amp set-up gives even better results up through the tropical bands and now makes the Radial Wire a really good tropical band antenna. You really do have to get a long way from civilisation to escape electrical noise on such a sensitive pickup system. At Herbertville only single 3-phase 11kV power-line comes down to the beach. At the South end of Herbertville where I DXed from, it is 4km from where the power line ends. DXing was completely free of electrical noise on all antennas until it rained, then I got strong power noise on the 10m vertical and weak power noise on the Radial Wires." *And a trail of Peter's logs follows...*

Paul Ormandy, Oamaru, the postie has forgotten where I live... a lull before heading off to Waiakarua for a week mid-March. Just one night at Waiakarua and one log KTXK 1460 (ex-KDON). The North Otago Branch members are having a Radial Wire evening this week so may have some more to report next month.

MW Trail

YTI - Robert Krijger on 'Hump'. SP - Robin & Peter Chambers, Stratford Plateau. W - Peter Chambers on the Wairarapa Coast. POW - Paul Ormandy, Waiakarua
1070 0755 USA KNX Los Angeles CA, "KNX News-time 11:55" exc signal. SP
1110 0737 UNID w/news, fair. YTI
1120 0736 USA KPNW Eugene OR, fair. YTI
1220 0750 MEXICO XEB México C, exc signal w/Mexican mx & ids. W
1320 0802 MEXICO XEJP R Variedades, México C, exc w/ids after nx, into mx. W
1420 0730 UNID weak w/basketball (KCCN?-ed) YTI
1460 0759 USA KTXK Salinas CA, ex-KDON with 1-on-1 sports, ids as "The Dude". POW
1460 0744 HAWAII KULA Maunawili HI "Oldies Radio 107.9" fair. YTI
1520 0900 USA KOMA Oklahoma C. exc w/id on hour, e-mail addr etc. W
1570 0633 UNID EE relig prog over XERF for short while, 20/12. W
1570 0638 MEXICO XERF Cd Acuña, exc peak w/full id "La poderosa" call-sign etc. W
1580 0615 KMIK Tempe AZ fading in at this time, copiable. SP
1580 0729 UNID fair w/EZL. YTI
1610 0813 ANGUILLA Caribbean Beacon, fair copy relig, very weak signal to get, far weaker than X-band NAM signals. W
1620 0700 USA WPHG Airmore AL, good w/id on hour, USA Radio News, heaps stronger 0730. Totally dominant this night, often 3 US mxd on this channel. W
1640 0640 USA KDIA Vallejo CA, good on peaks w/'Catholic Family Radio' ids, much stronger from 0730 onwards. SP
1650 0820 USA KGXL Costa Mesa CA, "AM 12-60 & 16-50 KGIL" v. gd signal w/regular ids. SP
1660 0645 USA KXOL Brigham C, UT, weak but clear this time, good strong signal all evening from 0730 onwards. SP
1660 0728 USA KXOL Brigham C, tent. w/oldies, weak. YTI

1660 0838 USA WMIB Marco Is FL, totally dominant on this evening 6/1, WODX/WMIB ids between songs. Good signal all evening. W
1670 0736 USA WNML Warner-Robins GA, "WRNP Real Country" C&W mx, good signal w/ long peaks. Only signal present this channel 19/12. W
1670 0804 USA WTDY Madison WI, dominant w/id, CNN nx, wx forecast then another rid and into Art Bell. Mostly dominant 20/12. W
1680 0708 USA WTR Winter Gardens FL, gd sig, usual chain of IDs & promos, present all evening. SP
1700 0700 USA KTBK Dennison TX, good w/id on hour. SP

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

BROADCAST NEWS FROM AROUND THE WORLD

AUSTRALIA 2CS 639 was to move to 106.3 FM on Jan 24th. (David Headland via Chris Martin who asks "will 639 become vacant or be taken by 2KY Racing Radio for the TAB service?")

COLOMBIA Some off-frequency stations logged — 1009.76 Todelar; 1030.01 Antena Dos; 1040.1 La Voz de Armenia; 1040.02 Colmundo Radio; 1040.16 Radio Mil 40; 1059.96 RCN; 1380.03 RCN; 1399.94 Antena Dos. (Bjorn Malm, Quito, Distance 10/99 via NRC IDXD)

CUBA Reports for Radio Reloj stations may be emailed. Refer to www.nnc.cubaweb.cu where there is a part dedicated to DXers. (Osvaldo Rodriguez of Radio Reloj via ARC 12/99 via NRC's IDXD)

DOMINICAN REPUBLIC New stations on the air are 1560 Radio Libertad Santiago with 1kw, 24 hours, and 1590 Radio Mundo Santiago, also 24 hours with 1kw. Radio Amanecer is on 610 in Santiago // 1570, replacing Radio Accion. (Carlos Benoit ARC 9/99 via NRC's IDXD)

ECUADOR Some off-frequency stations logged — 580.2 Radio Uno; 959.96 Radio Cosmopolita; 970.02 Radio Imperios, Ibarra; 1040.02 La Voz del Valle; 1119.88 Nueva Estacion Intercontinental; 1419.98 Radio Bahia; 1449.92 Radio Sensacion; 1580.11 Radio Orellana. (Bjorn Malm, Quito, Distance 10/99 via NRC IDXD)

FJI Radio Fiji reported on 1153 (*presume that's 1152. Ed*) at 1535 to 1625 UTC on 30/11 in presumed Fijian. 1600 Drums and National Anthem, identification and morning show. (Richard Wood, Hawaii via NRC IDXD 1/00) (*Location of this frequency still unknown to hobbyists and WRTH 2000. Ed*)

HAWAII KAIM 870 Honolulu was off the air in November and early December, but still appears irregular. (Richard Wood HI via NRC IDXD) KOHO Honolulu 1170 was set to return to the air on 15 January. (NRC 1/00)

Cox Radio Group has purchased KINE-FM, KCCN-FM and KCCN-AM (1420) for US\$17.8m. At the same time, Cox has sold KGMZ-FM to Honolulu Broadcasting for US\$6.6m. Cox also owns KRTR-FM, KXME-FM and KGMZ-AM (1460) in Honolulu. (MediaWeek 10/1/00 via David Ricquish)

INDIA What appears to be a high powered All India Radio transmitter has been heard in Europe on 1395 with English at 2215, and news from Delhi at 2230 UTC. (Martin Elbe MWC via NRC IDXD 10/99)

IRAN Voice of the Islamic Republic of Iran heard in English at 1930 UTC on 1404 announcing that the service is intended for Azerbaijan. SW 9022 heard in parallel. (Steve Whitt

on Shiegra DXpedition 11/99 via NRC IDXD)

IRELAND The Irish Media Authority has prolonged the licence for longwave outlet Atlantic 252. The previous licence expired 31 December. (M.Fuhr via BC-DX via ARC via NRC IDXD 1/00) An earlier report on 'Communications World' said that RTE would take over the frequency because the station had focussed on an audience outside Ireland.

MEXICO XEPH 590 is now La Pantera, ex Radio Sabrosita. XEW 900 (and its various repeaters) has 3 different slogans — "La Voz de la America Latina desde Mexico", "La Catedral del la Radio en America Latina" and "Cadena Azul y Plata". XEQ 940 is "Cadena Verde y Oro" ex "La TropiQ". XEUR 1530 is now "Tu Musica" ex "La Poderosa". New with 2.5kw on 1480 is XECARH La Voz de Pueblo Hñahñu, located at Cardonal, Hildago. (Hector Garcia Bojorge ARC 9/99 via NRC IDXD) According to staff from transmitter manufacturer Continental attending the 1999 NAB Conference in Florida, the company is building a 300kw sender for a Mexican border station. The signal will be beamed south. XERF (1570kHz) was possibly mentioned as the recipient. (NRC member Paul Smith 10/99)

ST PIERRE ET MIQUELON 1375 now has good level of modulation enabling good reception for first time in years. Relays France Inter at times. (Steve Whitt on Shiegra Scotland DXpedition 11/99 via NRC IDXD)

TAIWAN Radio Taipei International heard on unlisted channel of 1206 with English at 1500 UTC following Chinese programme. Neither frequency or transmission time in announced schedule. (Steve Whitt on Shiegra Scotland DXpedition 11/99 via NRC IDXD)

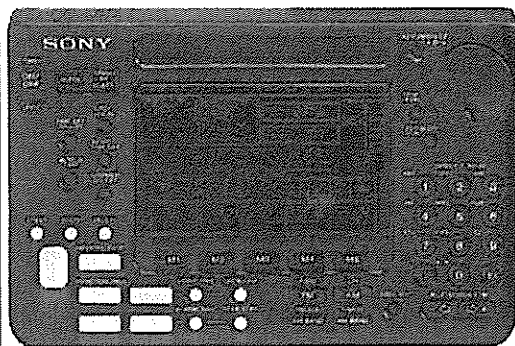
VENEZUELA 1140 Porlamer identifies as "Porlamar, La Voz del Caribe". YVLF Radio Puerto Cabello 1290 announces 24 hour operation. Heard at 0700 UTC. (Steve Whitt on Shiegra Scotland DXpedition 11/99 via NRC IDXD) Radio Tachira noted slightly off frequency — 1000.1 kHz. (Bjorn Malm, Quito, Distance 10/99 via NRC IDXD)

NORTH AMERICAN NEWS from National Radio Club "DX News" October to December 1999

- 560 KLZ Denver CO new format Nostalgia and Big Band music. Slogan is "Legends 56, KLZ". Their religious format now on KLVZ 1220.(Wilkins)
- 590 KOMJ Omaha NE ex WOW w/ id "KOMJ, Magic 590" (Wesolowski NE)
- KEWS Portland OR granted authority to relocate transmitter site.
- 640 CFY1 Richmond Hill ON w/ ids as "Talk 6-40" and "Toronto's talk station, Talk 6-40". (Axelrod MB)
- 660 CFFR Calgary AB verified by letter from Chief Engineer Ken Cook. (Steve Kennedy PA)
- 680 WPTF Raleigh NC verified by confirmation statement on my report, plus business card of signer — General Manager Al Bunch. (Walker MI)
- 750 KFQD Anchorage AK verified with card signed by General Manager Roy Robinson. (Clive Rooms UK)
- 790 KJRB Spokane WA construction permit is on from new site 5kw days, 3.8kw nights U4.
- 830 KPLS Orange CA has requested reconsideration of its denied application for 23kw day, 50kw nights U4, city of licence move to Orange-Huntington Beach.
- 850 KLYF Thousand Oaks CA has change of callsign to KBET.
- 880 KKMC Gonzales CA granted 10kw day & night U4 & move of city of lic. to Salinas CA.
- 900 CJI Victoria BC partial detail verie letter from PD Robin Adair. (John Wilkins CO)
- 910 KFXX Vancouver WA granted 10kw day & night U4.
- 920 KBAD Las Vegas NV construction permit for U4 is on.

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- 940 KFRE Fresno CA has been sold to Radio Unica and is all-Spanish from 1 February. (Gary Jackson CA)
- 950 WTLN Orlando FL requests change to 12kw day, 5kw night U2.
- KJR Seattle WA is installing its new 50kw transmitter. 2 towers have been added to the antenna set-up and tests expected from mid-January. (Pete Taylor WA)
- 970 WFLA Tampa FL requests facilities change to 25kw / 11.9kw U4
- 990 CKGM Montreal PQ slogan is "Oldies 990", heard all over the province.
- WHOO Orlando FL granted 50kw days, 14kw nights, U4.
- 1030 KCTA Corpus Christi TX application for 50kw/10kw U2 was dismissed.
- 1050 KNML Los Ranchos de Albuquerque NM granted 1kw day & night U3.
- 1060 KBNB Gilmer TX has change of call letters to KOFY.
- 1140 KSOO Sioux Falls SD CP to relocate transmitter is on.
- KSFN North Las Vegas NV ids as "You're cruisin' on KSFN North Las Vegas, Infinity radio's 1140 AM, Cruisin' Oldies". (Wilkins CO)
- 1150 KSRB Seattle WA CP for 10kw day, 6kw night, antenna U2 is on.
- CKX Brandon MB has been granted a move to FM.
- 1180 Radio Marti/VOA Marathon Florida reportedly increased power to 100kw around 8 November. (Reuters via Pat Griffiths)
- 1190 KEX Portland OR is now "Newsradio 1190 KEX". (Kahn WA)
- 1200 WOAI San Antonio TX noted w/ s/on 0600 ELT Sunday so no longer NSP. (Houdek KS)
- CKXM Victoria BC granted move to FM 91.3.
- 1210 WNMA Miami Springs FL granted 49kw days, 2.5kw nights U4.

- KWG Stockton CA now carries Catholic format, mostly ETWN. (Toebe)
- 1290 WTMC Ocala FL has change of callsign to WCFL.
- CIFX Winnipeg MB has change of call letters to CPST.
- 1350 WSMB New Orleans LA format now sports talk, ex talk. (Bill Hale TX)
- 1360 WGEE Green Bay WI verified with letter, station history, map. V/s D.E. Wright, General Manager. (Steve Kennedy PA)
- KPXQ Glendale AZ ex KGME hrd with religious format. (Wilkins CO)
- 1380 WFMF Baton Rouge LA granted new callsign WYNK.
- 1410 CKSL London ON application to move to FM has been denied.
- 1430 KFIG Fresno CA format now all Sports. Slogan "The Big Dawg" (sic). New address is P.O.Box 26945 Fresno CA 93729. (Art Blair CA)
- WMAK Madison TN granted 10kw days, 1kw nights U2.
- 1460 KKTK Waco TX format now "Goodtime Oldies" ex Sports. (Hale TX)
- 1490 KBRO Bremerton WA now operates 24 hours a day.
- 1500 CKAY Duncan BC granted move of facilities to FM 88.7.
- 1510 KGA Spokane WA construction permit is on to relocate transmitter, antenna to U4.
- 1540 KSTP St Paul MN has a new address: 3415 University Ave, St Paul, MN 55114. (Jones ND) *Was my 1st Yank verified just 37 years ago! Ed*
- KXPA Bellevue WA is relaying KSUH 140 in Korean daily 0100-0900 ELT. (Pete Taylor WA)
- 1550 KQWB West Fargo ND reactivated with id as "Star 15-50", Nostalgia or Adult Standards music format. (Shawn Axelrod MB)
- KYCY San Francisco CA is now talk format with slogan 'Yadda Yadda Radio' (Rich Toebe CA)
- 1560 KCJK Iowa City IA reactivated for listeners with 'old radios that won't tune up to 1630' — their X-band facility which is being simulcasted.
- 1570 CKTA Taber AB granted move of facilities to FM 93.3.
- 1580 CBJ Chicoutimi PQ is almost certainly off the air. (DeLorenzo MD)
- 1600 WPOM Riviera Beach FL is one of a number of Florida stations with some French programming at night. Others include WKAT 1360 and WOCN 1450.
- 1620 KAZP Bellevue NE still using this call. V fst ident 2 seconds before hour as "KAZP, Bellevue". (Wesolowski NE) Slogan "Omaha's ESPN 1620 Radio", sports frmt (Hayes PA)
- 1630 MEXICO XEUT Tijuana BCN ids in SS as "Esto es Radio Universidad, de la Universidad Autonoma de Baja California, 1630 kHz de amplitud modulada. XEUT transmitiendo con diez mil wats de potencia. Oficinas, estudios y planta de transmisiones en la Unidad Universitaria, Calzada Tecnologico, Mesa de Otay, Tijuana, Baja California, Mexico." Closed at 0730 UTC. (Wilkins CO)
- KCJJ Iowa City IA email verie from Tom Suter, Sales Manager. Address: kcjjam@aol.com (*that's how it appears. Ed*) (Ponder TX)
- 1650 WHKT Portsmouth VA QSL reply from Doug Stewart, Group Marketing.
- KCNZ Cedar Falls IA email reply from Program Director Greg Alan. Address: kcnc@cedarnet.org or galan@cedarnet.org (Galerstein)
- KKTR Costa Mesa CA partial detail QSL letter from Arlene Robbins, Administration, after follow-up report. (Clive Rooms UK)
- 1660 WWRU Jersey City NJ CP to move here w/10kw day, 9kw night U2 on.
- KRZX Waco TX new call ex KAXY w/ 1lk frmt under co-channel KXOL and WQSN. (Axelrod MB)
- WMIB Marco Island FL address reception reports to Phil Beckmen, Chief Engineer, 1112 North Collier Blvd, Marco Island FL 34145. (Pote)

- 1670 KHPY Moreno Valley CA owner says he lost construction permit for 10kw day, 9kw night 'due to Mexico' but with their permission he could get it back. He plans to build a new antenna so it may be a year before they make it to air. (Gary Jackson CA) Call KPBM assigned to it.
- WTDY Madison WI replied to my reception report with no-detail letter & sticker. Signed by Engineer Roy Simmins III. (Walker MI)
- WRNC Warner Robins GA full data QSL letter from Richard W Hamilton, Transmitter Engineer and James K Gay II, Studio Engineer. Address: Taylor Broadcasting, 7080 Industrial Highway, Macon GA 31216. (Stephen Ponder TX)
- 1690 KSXX Roseville CA have acquired land and have equipment on site, planning to be on-air by March this year. (Gary Jackson CA)
- KADZ Arvada CO replied with partial detail letter & mouse ears (*it's a Radio Disney station! Ed*) from Shannon Blakely, Administrative Assistant. (John Wilkins CO)
- 1700 WAFN Miami Springs FL ex WRNU w/ ID "1700 the Fan, WAFN Miami Springs-Miami-Ft Lauderdale". Promo "This is the station named after you, 1700 the Fan". (Hayes PA)

WHAT HAPPENED TO THE DALLAS TIS STATIONS? When they first came on air, the Dallas Fort Worth Airport Flight Information radio stations (1640 and 1680, each with 60 watts) were heard widely — even here in NZ! But since the summer of 1998 their signal level has significantly dropped off. NRC member Patrick Griffith visited the station then and speculates that the reason is the very dry summer weather experienced that year. He was told that the stations used several chemically enhanced ground rods at each antenna instead of the ground radio counterpoise system typical of most AM broadcast stations. He suspects the ground system simply dried out and lost most of its conductivity resulting in a lower signal output, and effectively cutting out the skywave.

RADIO DISNEY network stations that might be heard 'down under' include 710 KDIS Los Angeles CA, 860 KBEE Salt Lake City UT, 1180 KOIL Bellevue NE, 1240 KSON San Diego CA, 1250 KKDZ Seattle WA, 1290 KKDD San Bernardino CA and WDLF Panama City Beach FL, 1310 KMKY Oakland CA, 1360 KRYS Corpus Christi TX, 1560 WQEW New York NY, 1580 KMIK Tempe AZ, 1600 WMNE Riviera Beach FL, 1690 KDDZ Arvada CO. Best bets are 1580, followed by 1690. (via Scott Fybus, NRC DX News 10/99)

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

WELCOME TO THE FOLLOWING NEW MEMBERS: DOUG KIDD, 27 Tilbury Avenue, Palmerston North; Mr B.H. APPELYARD, 13 Mole Street, Greytown, Wairarapa; NEIL WRIGHT, Two Chain Road, R.D.5, Christchurch; and KEVIN HAND, 45 Aotea Street, Dunedin. Neil uses a Sangean ATS 818 CS receiver plus a venerable Eddystone S640. He found out about the League courtesy of our presence on TVNZ's Teletext Service — page 397. Doug and Kevin found their way to the club via our Internet site radiodx.com. Mr Appleyard's subscription was a birthday gift from his daughter — now there's an idea! Hope you are able to contribute news of your DX listening experiences to these pages soon gentlemen!

CONGRATULATIONS to Levin member ALLEN LITTLE, founder of NZ Radio for the Print Disabled and the Radio Reading Service, (2XA 1602, and NZ's second shortwave broadcaster ZLXA 3935kHz) on his appointment as Director of International Services for the International Association of Audio Information Services (AAIS). In this role, Allen will be involved in

assisting individuals and groups outside of North America establish print-access points in their towns, villages and cities to achieve a world without barriers to current printed information. He will concentrate his efforts on audio services for the blind and disabled.

PRIZE DRAW The winner of the book prize draw run in conjunction with last August's annual subscription renewal and questionnaire was BILL WOLLER of Opunake. Bill will receive a radio handbook supplied by Burnet Pollard Books. Thanks also to MICHAEL POLLARD and Burnet Pollard Books for donating a copy of the 2000 Passport to Worldband Radio for the 1999 Junior DXer award winner — DAVID McGAUGHEY.

CALLING WORLD RADIO TV HANDBOOK PURCHASERS Because of what the editor described as last-minute technical difficulties, the "Shortwave Stations of the World" section in the WRTH 2000 edition only includes entries for external services. Most domestic shortwave frequencies are missing. This is a major omission for some readers and details have now been made available via the WRTH website at: <http://www.wrth.com> Exclusively for members who have purchased WRTH but do not have access to the Internet access, Adcom will provide a photocopy (23 pages) postpaid for 5 x 80c mint stamps. Please write to us at P.O. Box 3011, Auckland.

WHERE ARE THEY NOW? Former host of HCJB's popular "DX Partyline" programme KEN MacHARG is now a Missionary Journalist with Latin American Mission. He travels throughout Latin America doing writing and some radio reporting for programmes such as Mission Network, which is heard over a thousand Christian stations in the USA as well as on HCJB. Some of his material can be found on the Mission website www.lam.org Ken also edits an occasional QSL column in "DX News", the magazine of the National Radio Club, now in its 67th year as the world's oldest all-medium wave club.

WARTIME DXPRTISE The death in Wellington last year of Mrs PAT ROSE brought to public attention this lady's exploits during World War II. As Pat Jowett, she was one of hundreds of women who volunteered as wartime radio operators in the Women's Royal Naval Service. After passing the radio operators' course, Pat and her colleagues were given the role of monitoring German broadcasts from occupied France. Night after night, her listening gear would be towed to a listening point on England's southern coast to track German transmissions. Miss Jowett was credited with developing a device that enabled the British to identify in advance the source of German transmissions, a development that made the jamming of Nazi broadcasts easier. A relatively simple matrix was used to record frequencies and the times of transmissions. She then travelled throughout Britain, instructing operators on how to record on the matrix all transmissions they captured. She placed all known radio stations transmitting from Europe on an identical matrix, thus providing an identification source for each coded transmission. (Otago Daily Times 7/8/99 via Peter Grenfell)

branch.news@radiodx.com

Auckland

Auckland Anniversary Day didn't keep members away from the first meeting of the year. President Daniel Bloomfield gave details of an interesting programme for the year, starting with the annual auction and barbecue on 27 February. A roundup of news from the world of computers, new receivers and transceivers and stations logged ended with a plea for members to report stations logged for publication in the DX Times. With a large number

of members Auckland falls far behind other branches for reporting news. Malcolm will be reporting date and location of the next DXpedition - a good time for attendees to report what they have heard. **Evan Murray**

North Otago

The February 10th meeting was held at Paul Ormandy's home. It was agreed to arrange a working bee to erect s/w antenna's for Peter Grenfell, Basil Jamison & Ray Davey. It was discussed and agreed to hold our next meeting at the Electricity Museum to hear a talk about the new radio station to start local broadcast. Frequency competition won by Kelvin Brayshaw. Raffle won by Alistair Sutherland. Members logged Radio Finland, 6 reports were sent. Happy DX'ing from North

shortwave in time order *with Yuri Muzyka*

Time Order summaries of the Under & Over 9MHz loggings. The contributor's name is abbreviated here (for further details please see the Under & Over 9 MHz columns). Please remember to include the date with all your loggings, thanks. 73 - Yuri ("George") Muzyka, ZL1GYM. Author of WINRADIO for Linux/Unix/*nix Program Suite (see: <http://www.linradio.com/sources.htm>), a free software solution.

Time (UTC)	Frequencies (kHz)	Station Name	Station Country	Log Date	DXer Name
0100	9525, 11785	Voice of Indonesia	INDONESIA	26/1	LMM
0300 - 0320	15355	R Sultanate of Oman	OMAN	24/1	LMM
0350	9400	R Bulgaria	BULGARIA	9/1	CC
0353 - 0356	7260	V of Vietnam	VIETNAM	16/1	CC
0356 - 0359	9820	R Habana	CUBA	9/1	CC
0420	9820, 9925	R Habana	CUBA	30/12	CC
0420 - 0421	9925	Croatian Radio	CROATIA	30/12	CC
0430	7500	R Moldova Intl	MOLDOVA	1/1	BML
0435	9865	R Prague	CZECH REP	16/1	PRP
0500	7125	V of Russia	RUSSIA	10/1	JSB
0520	6100, 6120	DW	GERMANY	9/1	KAB
0520 6110, 9835, 11840		R Japan/NHK	JAPAN	9/1	KAB
0530	7125, 7180	V of Russia	RUSSIA	9/1	KAB
0530	9550, 9820	R Habana	CUBA	9/1	ABD
0530	15110	R Thailand	THAILAND	22/1	LMM
0530 - 0600	15295	V of Islam Kajang	MALAYASIA	21/1	LMM
0540	6015	ORF	AUSTRIA	9/1	KAB
0549	15515	R Australia	AUSTRALIA	8/1	ABD
0550	6155	ORF	AUSTRIA	10/1	KAB
0555 - 0710	7099	Pirate	NZ	3/1	BDC
0600	6035	VOA	USA	18/1	JSB
0600	7260	R Vanuatu	VANUATU	9/1	IC
0603	11800	Hrvatska Radio	CROATIA?	-	HJS
0615 - 0628	15215	Channel Africa	SOUTH AFRICA	23/1	LMM
0630	11805	R GEORGIA	GEORGIA	26/1	LMM

0645	11625, 13765	Vatican Radio	VATICAN	12/1	CC
0650	13765	Vatican Radio	VATICAN CITY		9/1 ABD
0653 - 0655	7105	R Romania Intl	ROMANIA	12/1	CC
0654	13810	Overcomer Ministries	GERMANY	9/1	ABD
0700	5950	R Taipei Intl	TAIWAN	18/1	JSB
0700	15110	R Kuwait	KUWAIT	-	HJS
0700	17570	VORWS	RUSSIA	9/1	ABD
0708	21660	BBCWS	UK	9/1	ABD
0720 - 0728	7150	V of Med	ITALY?	19/1	CC
0730	15525	VORWS	RUSSIA	28/12	RAP
0750 - 1117	15060.23	R Free London	G. BRITAIN	29/1	BML
0758	7260	AWR	ITALY?	6/1	BDC
0800	5985	RVI	BELGIUM	-	HJS
0800	13650	VOA	USA	-	HJS
0800 - 0930	15060.23	(HOBBY PIRATE)R. Free London	G. BRITAIN	12/13	BDC
0802 - 0805	17495	V of Russia WS	RUSSIA	17/1	KVB
0810	5975	V of Hope	USA	9/1	PRP
0815	7415	WBCQ	USA	23/1	LM
0828	6170, 9615	Radio Cultura	BRAZIL	25/1	BDC
0830	21830	BBC WS	GT BRITAIN	10/1	JM
0850	15360	BBCWS	UK	10/1	ABD
0850 - 0900	6160	CKZU Vancouver	CANADA	20/1	LM
0908	3315	R Manus	PNG	21/1	DN
0930	17690	RNZI	NZ	24/1	IC
0930 - 0940	9710	R Vilnius	LITHUANIA	23/1	LMM
0940 - 1000	15460	VORWS	RUSSIA	-	AMQ
1007	2485	ABC Territory Radio	AUSTRALIA	2/1	KVB
1045	9695	NHK/R Japan	JAPAN	-	???
1047	6975	RFPI	COSTA RICA	23/1	CC
1105	6120	R Japan	JAPAN	12/1	JSB
1200	5030	BBS Bhutan	BHUTAN	22/1	LM
1200	11730	RCI	CANADA	-	AMQ
1200	21510	R Kiev Int	UKRAINE	19/1	LMM
1215	7130, 9610	R Taipei Intl	TAIWAN	11/1	CC
1220	11715	VOA	USA	-	AMQ
1226	15155, 15195	RFI	FRANCE	11/1	CC
1229	7185	Bangladesh Betar	BANGLADESH	26/1	LM
1230 - 1240	7185	R Bangladesh	BANGLADESH	11/1	CC
1245 - 1249	9590	R Singapore Int	SINGAPORE	18/1	CC
1309	7365	KLNS	ALASKA	18/1	CC
1311	11940, 15390	R Romania Int	ROMANIA	18/1	CC
1314	17595	R Cairo?	EGYPT	18/1	CC
1415	3230, 5005	R Nepal T/C	NEPAL	20/1	LM
1430	5986	R Myanmar	MYANMAR	23/1	LM
1430	5995	R Australia	AUSTRALIA	11/1	JSB
1430 - 1457	7405	CRI	CHINA	11/1	JSB

1635	15380	D/Welle	GERMANY	-	AMQ
1645	7165	R Ethiopia	ETHIOPIA	27/1	LM
1653	15240	VOA	USA	-	AMQ
1700	7200	NBC Omdurman	SUDAN	27/1	LM
1709	5930	R Prague	CZECH REP	9/1	CC
1719	2310,2325,2485	Alice Springs	AUSTRALIA	15/1	KVB
1720	11615	RFI	FRANCE	-	AMQ
1725	17895	VOA	USA	2/1	CC
1728	7560	KSDA	GUAM	2/1	CC
1730 - 1735	3315	AIR	INDIA	6/1	BDC
1730 - 1735	4950	AIR	INDIA	5/1	BDC
1747	7315	V of Russia	CIS	-	HJS
1754 - 1800	17830	BBCWS	UK	14/1	KVB
1800	5993.8	MBC Limba	MALAWI	25/1	LM
1800	6265	ZNBC Lusaka	ZAMBIA	22/1	BML
1800	9165	R Dada Gorgud	AZERBAIJAN	27/1	LMM
1815	13800	WINB	USA	6/1	BDC
1830	5910, 9925	RVI	BELGIUM	12/1	KAB
1830	6065	R Sweden	SWEDEN	24/1	KAB
1830	13750	AIR	INDIA	10/1	JM
1845	6050.2	R Nigeria	NIGERIA	26/1	LM
1848	13600	RVI	BELGIUM	-	AMQ
1915	6055	R Rwanda	RWANDA	23/1	LM
1915	6165	ZNBC	ZAMBIA	25/1	IC
1915	9440	CRI	CHINA	-	HJS
1940	7240	R Australia	AUSTRALIA	8/1	KAB
19409840, 11970, 15410		VOA	USA	-	AMQ
1940	17810	D/Welle	GERMANY	-	HJS
2000	4915	GBC	GHANA	23/1	LM
2000	7510, 11605	KOL Israel	ISRAEL	6/1	IC
20009525, 11785, 15150		V of Indonesia	INDONESIA	23/1	LMM
2030	9745	AWR Meyerton	S. AFRICA	16/1	LMM
2040 - 2100	4850	RTV	CAMEROUN	21/1	LM
2100	11787.04	R Iraq Int	IRAQ	24/1	LMM
2106	15135, 17560	D/Welle	GERMANY	24/1	CC
2125 - 2132	13745	VOIRIB	IRAN	-	HJS
2200	9955	WRMI	USA	22/1	LMM
2210	15566	WYFR	USA	7/1	JM
2240 - 2330	25870	WFLA	USA	26/1	KVB

marketsquare@radiodx.com

For sale - "Equinox" baluns, 9:1 ratio housed in waterproof box, standard PL259 UHF plug connection, easily converted for two wire of single wire aerials, designed for broad Ormandy, 33 Greta Street, Oamaru 8901, tel 03 434 5931, e-mail paul@radiodx.com

tv.fm@radiodx.com with Brian Withers in Taradale

Welcome to the month of Feb year 2000. Lindsay Robinson of Invercargill logged R Southland on 96.4 & QSLed same also ZAFM 95.6 (where is this freq being used Lindsay?) Your Editor has heard in Wellington area & logged Sports 89.4 Hutt Valley & Upper Hutt 88.6 Link FM & K ONE Life 88.1 & Ch Z 94.7. Wellington, The Generator 88.5, Ch Z 91.7 & 98.5, Solid Gold 97.5, Atiawatoa FM 94.9. In Kapiti Coast logged Beach FM 93.5 (This one I enjoyed as sounded very much like ZB's in 70's format), Coast Access 96.7. In Levin 2XA 88.5 & Palmerston North Classical Music on 88MHz & The Edge 93MHz. In Masterton logged Solid Gold 93.3, Life FM 95.7, Rhema 97.3, Wairarapa FM 90.1. Logged in Dannevirke 88.5 & Woodville 97 & 88.5. QSLed The Rock 90.8, Hokonui Gold 92.4 & R Southland 96.4 also ZM 96, Big River FM 92.9, Gospel FM 95.1 & 88.5, The Pulse 99.1.

STATION NEWS:- Tauranga City 88.6 non-stop EZL music. In Taupo, Planned National R on FM. The Fish (Taupo) now called Todays Best Music Mix on 95.9 (98.3 ZM Rotorua Bryan) 96 Dot One now called Beat FM Auckland. TLC ex 100.4 now 100.2 Otahuhu Auckland (all via Bryan Clark). 96.6 McKenzie FM c/o Market Place Twizel. Concert FM 92.3 & National R both of Twizel. Frequency changes 90.9 Port FM ex 97.4 & Concert FM 97.4 both of Omarama. At Otematata Concert FM 96.3 ex 98.1 & Port FM 98.1 (via Paul Ormandy). No sign of Vision 100 in Palmerston North only MRK on 100.2 (via your Editor).

FM / TV Trail of Brian Palmountain of Nelson.

30/11 101.3 2CFM, 101.7 2UUS, 102.5 2MOR, 103.1 4RAM, 104.9 2MMM, 105.9 2EC, 106.5 2WFM all heard 11.45 to midday Jan 00. The Breeze 91.0, 92.4 EnergyFM, 93.8 R Pacific. Power FM on 95.0, 95.4 The Rock, 95.6 Rock 956, 97.9 Easy FM Mt Egmont?.

FM / TV trail from Robert Krilger New Plymouth.

8/11 RTQ0 2pm. 13/11 RTQ0. ABQ2 7.55pm. 14/11 6.37 - 7.37pm Mallacoota 6M Ham, Gosford, Newcastle, Norfolk Island, Sydney. 24/11 11.40 - 12.40pm ABMN0 & RVN2. 26/11 2.20 - 2.30pm ABMN0 & RTQ0. 27/11 10.42am RTQ0. 28/11 7 - 7.18pm Canberra, Bendigo, Sydney, Cootamundra. 29/11 11.39 - 2pm ABMN0, ABQ2, RTQ0. 30/11 12.37 - 9.50pm TV2 Studholme, Gosford, Sydney, Newcastle. Ulladulla, Mildura, Snowy Mountains, Bega, Batemans Bay. 1/12 7.50 - 8.47pm ABDN2, RTQ0, ABCN1. 2/12 12.29 - 1.37pm Port Macquarrie, Coffs Harbour, Lismore, Armidale, Mackay. 8/12 11.09 - 11.43am RTQ0, NENO, ASBQ1, ABQ2. 8.13pm RFO 88.0, JA2NBF on 6M, Ch1 R1 0 offset. 9/12 12.37 - 8.20pm ABMN0, RVNZ, ABAN1. 10/12 8.45 - 8.30pm ABMN0, ABN2, ABCN1, ABT2, RTQ0. 11/12 9.17pm RTQ0. 12/12 11.09 - 8.01pm Lismore, Gold Coast, Launceston, Batemans Bay. 13/12 12.59pm RFO 88.0. 14/12 8.45am - 9.30pm USA, Aussie, Mexico, Coasta Rica, Japan, Panama, Korea 6 M Ham, KVZK2 audio, RFO 88.0 & other New Caledonia FM, Gosford, Orange, Dubbo, Sydney, Bathurst, Broken Hill, Bourke, Mildura, Port Macquarrie, Spencer Gulf North, Newcastle, Melbourne, Ulladulla, Gold Coast, Southern Downs, Townsville, Tasmania. 15/12 1.08 - 2.42pm South Coast NSW, Canberra, Snowy Mountains, Taree, Latrobe Valley. 16/12 10.33am - 1.32pm Tasmania, Latrobe Valley, Canberra, Bega, Ulladulla. 17/12 12.05 - 9.10pm Shoalhaven, Wollongong, Newcastle, Sydney, Port Marquarrie, RFO 88.0. 18/12 12.07 - 12.39pm Gold Coast, Wide Bay, RFO 88.0. 9.26pm ABAV1 & ABN0. 19/12 3.01 - 3.30pm Gosford, Sydney, Bathurst, Newcastle. 20/12 11.30am RTQ0. 25/12 2pm ABQ2, RTQ0. 30/12 1.15pm RFO 88.0, ABDN2, RTQ0. 9.06 - 10.09pm Sydney, Bathurst, Latrobe Valley. 31/12 7.44

- 8.18pm Mallacoota, Bega, Cooma, Eden. 01/01 10.50am - 7.20pm 2KY 107.5, RFO 88.0, ChR1-2 offset, Korea 6 M Ham, Newcastle, Sydney, Gosford, KVZK2 audio. 02/01 10.03am ABMN0. 03/01 10.43 -11.20am Orange, Newcastle, Sydney, Gosford. 04/01 7.11 - 9.14pm Tasmania TV & FM. 05/01 10.05a. - 1.28pm ABMN0, ABN2, ABT2, Nowra FM. 06/01 10.24am - 1.16pm Tasmania, Armidale, Kempsey, Tamworth, Gloucester, Newcastle, Sydney. 07/01 11.36AM 2ABC 106.1, 2CSF 105.5. 8.03pm RTQ0. 08/01 1.16 - 2.34pm Gold Coast, Gympie. 09/01 12.34 - 7.52pm Coffs Harbour, Glennn Innés, Ashford, Newcastle, Inverell, Port Stevens?, Goulburn, Bendigo, Cootamundra. 10/01 2.21pm New Caledonia 88.0, 89.0, 90.5, 96.0, 99.0, 93.0, 93.5, 98.5, 101.5, 102.0, 102.5, 103.0, 103.5, 91.0, 97.0, 101.0. 11/01 11.25 - 12.59pm ABMN0, ABT2, ABN13. 8.05pm ABT2, ABN3. 13/01 9.02pm 2ST Shoalhaven 88.0. 14/01 12.17 - 3.57pm Sydney, Grafton, Gold Coast, Brisbane, Latrobe Valley, Wide Bay. 24/01 2.34pm Brisbane, Gold Coast, Gympie. 25/01 12.53 - 1.09pm ABQ2, RFO 88.0.

FM / TV DX trail of Martin Greer Launceston Tasmania Aust;

02/01 Latrobe Valley FM. 03/01 " " " " FM. 06/01 3ABC 105.9. 08.01 Latrobe Valley FM. 09/01 " " " " FM. RTQ0 11pm to 11.25pm. 10/01 Latrobe Valley FM. 10/01 RTQ0 at 9.07pm - 10.47pm. HSV7 2.53am, GLV8 2.58am. 11/01 HSV7 at 6.04pm, 3PBS at 7.037pm & Latrobe Valley FM. 3KKZ, Bega FM, Ballarat FM. 12/01 Latrobe Valley FM. GLV8 at 6.35pm. HSV7 at 7.41pm. Bega at 10.30pm. TV One Hedgehope NZ at 10.58pm. Ballarat at 12.53am. Melbourne FM around 12.55am. 13/01 Latrobe Valley FM. Bega at 10.42pm. GLV8 at 11.12pm. HSV7 at 12.07am. ATV10 at 1.28am. Melbourne FM 1.35am. 14/01 Rockhampton FM at 5.08pm. Latrobe Valley FM & GLV8. 16/01 Latrobe Valley FM with Ballarat & Melbourne FM at 8.03pm. 17/01 Latrobe Valley FM. HSV7, GLV8, ATV10 & Melbourne including Ballarat FM at 10.42pm until after 2.40am.

FM / TV DX of your Editor.

20/01 7pm - 10.20pm Lismore, Gympie, Brisbane, Gold Coast, Wollongong FM.ABDN2 & ABQ2. 24/01 7.20pm - 8.15pm ABQs, STQ1. 29/01 11.30am - 1pm ABQ2, STQ1. 30/01 9am KVZK2. 02/02 7.45pm KVZK2. 8.30 - 9.40pm STQ1. 03/02 5.30pm KVZK2. 05/02 12.35pm ABN2. 08/02 9.20am - 10.50am ABN2 with Central Coast NSW, Sydney, Wollongong, Bega.

Is there anybody in the club willing to take over these pages, as I am wishing to resign due of work & family commitment. Please contact the Chief Editor if you are interested in taking over FM/TV pages.

continents@radiodx.com with Andy McQueen, Trentham

Welcome to the Continents Listings for January 2000. The featured continent is Africa. A special welcome back to Dick Pollard from my old home town of Brightwater. Dick has sent in a fascinating list of Africans he verified way back in the 50's and 60's. Good to hear from you again Dick

Best stations heard from Africa are featured this time: Dick Pollard Brightwater Reunion 2446kHz 4kW 1965, Sierra Leone 3316 1.25 kW 1958 with prepared card, Hargiesia (where's that Dick? - Ed) 9667 1kW Djibouti 1538 4kW 1961 and SABC South Africa 2306 2326 2346 all 20kW between 0640am to 0710 NZT on 15 July 1963. Arthur de Maine TWR Swaziland 3200, Christian Voice Zambia 3330, Sierra Leone 5960. Bryan Clark ZCQ3 Seychelles 1368 10kw, Algeria 1422 50kw R St Helena 11092.5 1.5kw Reunion 2442 4kW. Ray Crawford American

Forces Radio Diego Garcia 1475 250w Tananarrive Malagasy 1502 1kW, Cape Verde Island 3930 1kW, El Aaiun Sahara 11805 100kW, R Atlantico Del Sur Ascension Island 9710. Gunter Jacob Emissora Aficial de Angola 17795 (1960). Paul Ormandy Reunion 792 20kw, R Nacional Sao Tome 4807 10kW. Keith Robinson Djibouti 1538 4kw. Lindsay Robinson Voice of the Revolution 7125 15kW. Laurie Boyer Assuit Egypt 731 1kW, Grahamstown Sih Africa 809 2kW, ZNW2 Nairobi Kenya 4934 6kW, Luanda Angola 4961 1kW. Jack Searle EAJ203 Centro Emisor de Aaiun 11805 10kW. Andy McQueen Batra1 Egypt 620 450kW, ELWA Monrovia Liberia 4770 50kW, R Mauritius Forestside 4850 10kW, R Tanzania Dar es Salaam 5020 20kW.

BROADCAST

	ANZ	PAC	S AM	C AM	N AM	EUR	AFR	ASIA	CNT	TOTAL
Laurie Boyer	580	112	5	58	2655	297	33	203	137	3943
Keith Robinson	1027	123	28	80	1234	119	9	298	157	2918
Ray Crawford	842	126	95	77	368	132	46	568	188	2254
Paul Ormandy	495	83	227	119	420	60	5	74	139	1483
David Ricquish	416	88	6	19	193	8	0	46	64	776
Bryan Clark	174	76	48	55	233	34	8	46	120	674
Barry Williams	202	84	5	20	251	25	8	68	83	663
Mark Nicholls	293	57	9	27	229	10	0	22	67	647
Harold Looker	319	25	3	10	200	23	0	34	26	614
Lindsay Robinson	296	46	19	19	109	7	0	34	56	530
Paul Aronsen	328	29	2	0	95	13	10	52	?	529
Andy Mc Queen	219	23	0	1	42	4	2	5	21	296
Jack Searle	171	31	3	7	75	4	0	3	35	294
Paul Peacock	151	14	1	1	15	0	0	2	16	184

SHORTWAVE

	ANZ	AN	PAC	S AM	C AM	N AM	EUR	AFR	ASIA	CNT	TOTAL
Barry Williams	88	2	89	128	76	260	760	673	603	242	2679
Ray Crawford	144	2	95	258	113	173	830	234	520	225	2369
Jack Searle	184	2	112	120	113	189	984	134	469	207	2207
John Durham	108	2	77	131	100	198	824	212	470	256	2122
Gunter Jacob	172		27	119	71	126	785	201	392	154	1893
Laurie Boyer	165	2	83	105	23	223	747	112	263	180	1721
Paul Ormandy	80	3	43	110	49	115	555	324	320	234	1599
Bryan Clark	153	2	91	88	44	150	495	305	217	225	1545
Lindsay Robinson	89		81	116	46	173	439	101	380	170	1425
Paul Peacock	53		32	25	26	73	353	25	180	120	767
Paul Aronsen	46	2		37	37	85	306	76	146	?	735
Andy Mc Queen	27		18	19	14	45	147	33	73	103	376
Arthur de Maine	28		10	12	11	28	78	30	52	91	249
Ashley Gulbransen	22		15	15	7	29	56	13	36	72	193
George Beardsmore	4		4	15	3	8	47	19	28	68	128
Mark Nicholls	33		9	7	4	10	23	5	31	55	122

Many thanks to all contributors and you can update your totals at any time by writing to me at 36A Brentwood Street Trentham UPPER HUTT. New contributors are also welcome. 73's, Andy McQueen

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