



New Zealand DX Times

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New Zealand Radio DX League (est. 1948)
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<http://radiodx.com>



talkback@radiodx.com with David Ricquish, Wellington

Ken Baird, Christchurch writes: I read Paul Ormandy's comments about QSLs with interest. I've found that most broadcasters these days aren't interested in 'reception reports' as such, preferring comments on specific items like program content.

Rarely, they ask for reception reports, such as Radio Sweden recently when testing a new frequency. I use a lot of comment forms these days. I still get QSL cards. I tend to use a lot of e-mail also, and always get a reply thanking me for comments.

I've some 160 QSL cards, but am more interested in logging various stations for my ID database. I've heard 107 countries, but verified only 47. I know I've heard them, and don't need a QSL card to tell me that.

Cost is a major factor, for me and them. All are on reduced budgets. I'd rather they put money into programming instead of spending it on QSLs. Many stations have specific monitors, they get regular reports and random reports are unneeded.

Let's review the Ladders now that QSLs are harder to get. I'd like to see recognition for stations heard.

Global Sound Kitchen may send you a QSL card! Send reports to Claire Marshall, G-One Ltd, 50 Lisson Street, London NW1 5DF, England. Global what? It's for our members who enjoy UK garage, hip hop, house and ambient music. Covering the Euro dance scene, you'll find them at 3955, 6140 and 7325 kHz on Friday nights at 2200-0200 GMT+1 and Saturdays at 2300-0300 GMT+1.

Paul Ormandy, Oamaru led me to that one! Just one of many interesting links you'll find at www.radiodirectory.com which comes out of Oslo with regular updates on stations, programs, technical news etc. Check out www.swradio.net for news about Scandinavian Weekend Radio, billed as Finland's first privately owned SW station which began a few weeks ago. See last month's 'Shortwave Report' for details too.

The Pirate Radio Hall of Fame is an A-Z of the stars of the UK pirate radio scene of the 1960's. You'll find it at www.offshoreradio.co.uk/ and maybe it'll get you searching for the many SW pirates still on air today.

Jerry Berg is an American DXer who also writes books about radio, and who formed the Committee to Preserve Radio Verifications back in 1986 for NASWA. He recently published a new book *On the Shortwaves 1923-1945 - Broadcast Listening in the Pioneer Days of Radio* recently reviewed in 'Skip' Airey's Listeners Corner.

Published by McFarland & Co, Box 611, Jefferson NC 28640, the book is expensive

Contribution deadline for next issue is Wednesday August 30th - PO Box 3011, Auckland

(US\$42.50) but beautifully illustrated with artwork from QSL cards, radio magazines and adverts of the era. Check out the review at www.anarc.org and order from Amazon, Barnes & Noble or Borders.

Tony King, Greytown makes a welcome return, commenting 'it's about time I burst into print on DXT matters. Each month's DXT is looked forward to nowadays. The pages are blooming and the url's keep coming!

My heyday was in Christchurch/Leithfield/Spencer Beach and Don Reed's Gulbransen car radio and Q Multiplier. Costa Ricans on MW at 3pm!

I'm working up my website, which is well advanced. DXer Down Under is the catchline, and will be a collection of DX highlights from 45 years listening. Oodles of outlinks'. (Thanks for news about Radio Arrow, the new access FM in Masterton. If readers are in range, listen to Tony at 8pm Tuesdays for his program 'Going Places'. Good to have you back!)

FM Central is another new station on air this month. On 89.9 from Port Moresby, Papua New Guinea, it's 24 hours NSP in EE and Motu and began on August 2. Owned by state company Hiram Limited (Hiri Radio), its first of a new network formed to boost regional broadcasting with quality programs and a focus on local news and events.

More PIReport (www.pidp.ewc.hawaii.edu) news includes RFO Pacific upgrades for radio and TV signals. Previously programs for France Inter FM and Canal Tempo (global RFO TV) came from Paris via Canada to a satellite dish in Noumea, then relayed to Papeete and Wallis and Futuna. Now, signals are via fiber-optic cable from Paris to Los Angeles, then satellite relay direct to each of the three French territories.

What does this mean for DX? The new delivery systems allow for multimedia, so expect to see more local FM and TV channels opening with relays of French metropolitan programs like Reunion enjoys.

Tonga TV is also new on air, run by the same staff who operate A3Z Radio. Don't expect QSLs in a hurry, as these guys are busy, with a target of 80% local content. 'If Fiji One had produced more local Indian and Fijian shows, you might not've had the coup' jokes A3Z Manager Tavale Fusimalohi.

Palau is so overrun with new AM stations they've signed a new law to regulate AM frequencies. True. 'It's considered important as the number of AM/FM radio stations has increased significantly'. The many stations also have to keep tapes of all their programs for 90 days. So, for DXers, more stations to log, and the stations can check the reports against the tapes! Oh yes, I asked the Palau Embassy in Washington for a list of all these new radio stations. If I ever hear anything, I'll let you know!

Graham Barclay, Napier is next up, and he sends a list of new stations, not in Palau, but of all the new low power FM stations around the country. You'll be shocked. There are about 10 of them in Wellington alone, and I'd never even heard of any of them!

Check out www.geocities.com/CapeCanaveral/9885/micronz.html for a full list which Graham kindly maintains. One-third of a watt is what I call DX! If you have updates, let Graham know at: soundwavem@xtra.co.nz and enjoy microradio DX this season. Graham adds: Great section this month.'

Ian Hutchings, Ministry of Commerce (via Graham Barclay) says 'The 100-108 MHz band is presently not subject to a management right. Therefore, longterm licences aren't being used. Licences on a 1 year renewable basis are being used' and notes that such licences have been issued to Auckland Access Radio and National Radio (Auckland/Taupou).

Western Australia is rarely heard these days. I came across an interesting site for 6GS

(Great Southern Broadc), 10 Tarbet Street, Wagin WA 6315 who state they use 1161 AM. Why interesting? Listen to what the GM writes:

'You have a network of radio stations all receiving the one generic feed from the HO, with sometimes no reference at all to the area that it broadcasts to. You'll have a 1000km radius all receiving the same program with the same generic weather updates. Whether there's a cyclone bearing down on a particular area, or massive fire and harvest bans, you wouldn't hear about them unless they affect the whole region.

It doesn't matter as long as the profit margin is there. We bring you the best local radio program in our part of the state, where we live, not from 1000km away' If broadcasters themselves revolt against bland brands, maybe we'll get more local programs, and DXing will become more fun again! Check out 6GS at www.radio6gs.com.au or try 1161 AM!

Remember to visit the Pacific Radio Heritage Collection (c) at Paul Ormandy's South Pacific DX Resource site: radiodx.com/spdxr and look out for regular new additions. Norfolk Island's VL2NI is coming soon.

South Pacific DX Report continues this month during the NUU Country program on Dunedin's Hills AM 1575 (every second Sunday at 8:30pm); on Wellington's 2YB Access Radio 783 (every second Saturday at 12:20pm); and on Auckland's Planet FM 104.6 (every second Friday at 1:05pm). Tell your friends, workmates, neighbors and anyone interested in SW radio to tune in!

This month, my station of the month is Hit FM 105.5 in Buenos Aires, Argentina. Practice your SS, listen to a mix of SS and EE contemporary music and classic hits of the 70's, 80's and 90's. Buenos Aires has to be one of my most favorite cities, and only 9.5 hours away from Auckland with a strong tailwind! Visit www.continental.com.ar and choose from Hit FM or LS4 Radio Continental 590 AM. As usual, enjoy, and remember to renew your subscription if it's due this month! See you back again soon! Ciao.

Laurence Henry (Dick) Whittington, 1906-2000

It is with great sadness that I report the passing of L. H. 'Dick' Whittington on 15th July in his 94th year. Dick's interest in the radio listening hobby commenced in the very early 1920's and continued until failing health took over some 18 months ago.

In the book "A History of Radio in South Australia 1897-1977" by John F. Ross, it is recorded that on 18th August 1923 a group of North Adelaide radio enthusiasts met to discuss the possibility of the formation of a radio club in the district. At this meeting rules and regulations were drawn up and finalised and the necessary officers elected. Mr L.H. Whittington was elected as Secretary and the meetings were first held at his residence.

Prior to World War 2, Dick worked for the Kodak Company in Adelaide. During the war period he was a member of the RAAF and became Officer in charge of the Codes and Cyphers division based in Darwin. In later years until retirement, Dick was with the Commercial Union Insurance Group.

The writer first met Dick in 1969 and many DXing weekends were enjoyed at Barwon Heads and Waratah, Victoria. In 1976, Dick and his wife Noel attended the New Zealand Radio DX League's Convention at Tatum Park in the North Island. He attended many radio conventions held over the past 30 years at locations in South Australia, Victoria and Queensland, the last of these being the DXA/DXC SPARC Convention in 1994 held at Marlo, Victoria.



DXers gathered for DX Australia Convention at Marlo, Victoria in June 1992.

Left to right: Bryan Clark (NZ), Keith Barton, Noel and Dick Whittington, Arthur and Ralda Cushen (NZ), Mrs Don Rhodes, Larry McKinney (USA), Brian Dodgson, Betty Barton (young Robert in front), Harry Weatherley.

briefly during the 1970's was a member of the Sri Lanka club UADX.

Always a gentleman, fine clubman and sincere friend, Dick Whittington will be greatly missed. **Harry Weatherley, 8 August, 2000.**

Other tributes received:

Dick played eager and gracious host to my wife and I on a visit to Asia in 1984/5. He was indeed an outstanding individual. He will be missed but his memory will live on in our minds. My sincere condolences to his family & friends. **(Bill Whitacre, IBB Washington DC)**

Dick was a long time member of DX Australia and was involved with ARDXC, SDC and SPUD at various times. He was one of the few guys in DXing circles that everyone respected. Dick was a true Gentleman and will be sadly missed. **(David Onley, Melbourne)**

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

All times in Universal Time (UTC), frequencies in kiloHertz (Khz). Sources: Cumbre DX; BCDX — Worldwide DX Club Top News; DXLD — DX Listening Digest; CRW — Clandestine Radio Watch, and others as mentioned. Your contributions are always welcome too!

UPDATES: A month can be a long time in SW game! Radio Ecclesia from Angola arrived on SW via Radio Netherlands transmitters in July, only to disappear by the end of the month; World Falundafa Radio operated by the Falungong group has moved to 9370 (ex 9915) for its Chinese-language broadcast at 1400 (site still uncertain), and the new English service from Radio Thailand on home service SW outlets that we reported last month has moved to MW only.

Dick was a member of ARDXC from 1969 to 1974, then from 1975 to the early 1990's he held membership in Southern Cross DX Club; however his major contribution to the radio hobby was made in the period 1982-1998. As a founding member of DX Australia in 1982 he was the club's first Treasurer, later the first President and first Life Member. Dick never failed to make a substantial contribution to each issue of the club's monthly "DXers Calling" magazines. Of overseas clubs, Dick was a member of New Zealand Radio DX League for a lengthy period, and

AUSTRALIA: In preparation for the reactivation of the Cox Peninsula (Darwin) transmitter site, the new lease-holder, Christian Voice (Australia) Ltd, is advertising for technical officers to operate the site. Advertisements in the Australian press at the end of July called for a chief technical officer, senior technical officers, technical officers and an administrator. The contact is Mike Edmiston, Australian Director of Christian Voice in Brisbane. **(Francis)**

Radio Australia is to receive an extra A\$3 million per year to enhance its transmission and online capacities in the Asia Pacific region. In making the announcement today (Tuesday 8 August), the Minister for Foreign Affairs and the Minister for Communications cited recent developments in the region, and the importance of maintaining an independent and credible voice that offered an Australian perspective. The additional funding is expected to be used to boost RA's transmission reach in the region, as well as further develop its online services.

The Federal Government is also calling for proposals for the continuation of an Australian international television service for the region. It has signalled it will provide some funding for a service that contributes to advancing the national interest, as well as providing credible news, information and documentary-type programming that offers a window on Australia. The request for proposals will be advertised in the national press soon. Details will also be available from the Department of Foreign Affairs and Trade web site (www.dfat.gov.au) The current service, Australia Television, was originally established under the auspices of the ABC before being sold to the Seven Network as a purely commercial operation. It has struggled to attract advertising and sponsorship revenue. It attracted criticism recently for selling air time to American evangelist organisations. The flagship ABC-produced Australia Television news was dropped from the schedule as a cost-cutting measure.

BRAZIL: 5013 Radio Copacabana, Rio de Janeiro 0200 ID in Portuguese "Radio Copacabana e emissoras da Igreja Universal do Reino de Deus". Reactivated. **(Romais, Cumbre)**

COLOMBIA: 9635 Radiodifusora Nacional de Colombia 0002 heard with good signal in Germany. Program in Spanish, Colombian music and short spoken word segments. **(Sandte, via HCDX/Cumbre)** 0155-0210 Spanish talks and orchestral music very much covered by VOA in English on 9635. At 0455 sign off was heard much better without VOA. SINPO 23333 **(Petersen, Cumbre)**

CLANDESTINE: 7215 Voice of the People Media Network reported August 3 that this station is coming from the Radio Netherlands site on Madagascar. The station is receiving funding from the George Soros Foundation and a Dutch NGO. A station spokeswoman said the station is made up of former ZBC broadcasters and is non-partisan. The station said it would be announcing a postal address in the coming weeks. MN confirmed the schedule as 1700-1730 and 1915-1945 (via Johnson, Cumbre) Regarding the site for Falun Dafa Radio, now on 9370 at 1400-1500, while this is not conclusive, 9370 is also used by R. Free Asia from Tajikistan, in Uighur at 1600-1630, according to previously published schedule in DXLD 00-87, //7460 **(Hauser, DXLD)**

FINLAND: Scandinavian Weekend Radio was planning another broadcast on weeked of 4/5 August, using 11690 and 11720. Keep an eye on <http://www.swradio.net/eng/info.htm> for updates **(Francis)**

INDIA: AIR Gorakhpur 50 kw has extended its schedule as follows: 3945 0130-0300, 1330-1930; 7250 0700-1140. This includes external services in Nepali at 0130-0230 and 1330-1430 and Urdu at 1430-1930. **(Jacob, Cumbre)**

PAPUA NEW GUINEA: Today, I spoke with two different officials at NBC in order to get the most accurate picture of some recent PNG shortwave stories. I spoke with both Francisca Mariday, Senior Planning Officer, and George Alokaka, Senior Technical Officer: [3290 Radio Central](#) both confirm that this station was recently on for a single day as reported by myself and Chris Hambly in Australia. The studio to transmitter link is still being worked on so the transmitter test was done using a feed of Karai National Radio (as heard here in Wyoming.) The STL should be done shortly and the station could return as early as Monday, August 7 [3305 Radio Western](#) a senior technician was recently at this station and 'fixed' it, but it has apparently gone off again. I heard them on Jul 11, running // to 4890. [3345 Radio Northern](#) Alokaka says this one is off air, awaiting spares. 5985 [NBC](#) was recently reported by Padula in EDXP around 2200. Both NBC officials tell me that they are only using 9675 and 4890 on the following schedule- 9675 8:30 AM-5:30 PM and 4890 5:30-midnight PNG time. Personally, I think there was a punch up error that Bob heard that these officials weren't aware of. Please note that NBC still has a single 100 kW transmitter operating at half power. So if you don't hear 9675, then try 5985. (All above DIRECT Johnson Cumbre DX Copyright Aug 3)

SOMALIA: Somali warlord Husayn Aydid (or Hussein Aideed) has reportedly appointed a new station manager, added an FM channel (100.5 MHz), and placed emphasis keeping the shortwave transmitter running on 6750 kHz according to the following schedule: 0300-0500, 0900-1300 and 1500-1900. The main evening news is at 1700 GMT. Listen for the announcement: "Halka aad warkaasi kala socotaan waa reediyow Muqdisho, Idaacada codka shacabka ee Jamhuuriyada Soomaaliya" ("This is the news from Radio Mogadishu, Voice of the People of the Somali Republic"). (Greenway BDXC-UK, via Cumbre)

USA: 9320 WGTG According to an on-air announcement by Dave Frantz, this is apparently their new frequency for their third transmitter, seemingly ex-planned 9580 and 3270. He added that 9320 will probably be used in the evening hours, possibly by a new Christian network. Interestingly, an Al Patrick reported to rec.radio.shortwave in mid-July that he heard WGTG testing 9400 and 9320 with Pastor Pete Peters during a recent Saturday afternoon. Could Pastor Peters be the new network to WGTG? (Johnson, Cumbre) The [VOA News Now](#) transmission to Africa at 1100-1130 Monday-Friday has been cancelled. In its place the VOA News Now evening broadcast to Africa that ended at 2130 on Saturdays will be extended to 2200 on Saturdays. The result is that Communications World, hosted by Kim Elliott, will be heard Saturdays at 2130-2200 GMT on 909, 6035, 7375, 7415, 11975, 15410, 15445, 15580, and 17785 kHz. (Ferguson, Cumbre)

On July 31, 2000 the [Armed Forces Satellite Transmitted Radio Service](#) (AFSTRS) went off the International Maritime Satellite (INMARSAT) system. For the past sesquiear, Navy HF service from Key West Naval Air Station (NAS), Florida, and Roosevelt Roads NAS, Puerto Rico, have been transmitting the AFSTRS service, identical service land based outlets know as the "Voice Line". This has served ships in the Caribbean Sea and the waters around South America quite well since the AFSTRS service was terminated on the INMARSAT Atlantic West satellite in 1998. AFSTRS is negotiating for cooperative use of the transmitters and assignment of frequencies so the Navy HF service will also be transmitted from U.S. Navy facilities in Guam, Diego Garcia, Sicily, Iceland, and Maine. With over 100 U.S. Navy ships now equipped for Direct to Sailor (DTS) satellite television and radio service, it is no longer cost-effective to continue this service on INMARSAT. However, for those ships that will have DTS equipment installed during the next sesquiear and for those few Navy ships that may never have DTS equipment the HF service will help fill the gap. Current HF outlets are (site/mode/day-night)

Key West, Florida USB 6458.5 /12689.5; Puerto Rico USB 6458.5/12689.5;
Sigonella, Sicily USB 4993 /10940.5. Sites to soon possibly carry AFN: Guam, Diego Garcia, Iceland (Larry Van Horn, MT Assistant Editor-Fed File/Milcom/Scan Logs/Service Search Columnist, Monitoring Times Magazine, August 4; also via Joe Olig, via DXLD) Also recently noted on 14000 during 0000-0300 period in South Asia (Francis)

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

Well Winter is about over and we are coming into what I find is the best quarter of the year for dxing. It will pay to keep an ear open for Africans during the next six weeks or so, especially around six am. Only two contributors this month and the rest are held over from last month. First up is Paul Aronsen Makarewa who has veries from Radio Canada International 6145, 5995, 7290, VL8A 4835, Radio Japan 21670, SARL 3215, African Beacon 3230. All this and 14 reports out. Good going Paul.

Next is Lindsay Robinson Invercargill with 12 reports out and the following in VOA 15410 and 13650, China Radio International 9440.

Ian Cattermole Blenheim Who is recovering from an operation has a good list in just the same with Voice of Tatarstan 11665, 11925, RFA 15155, 13625, Radio Canada International 15305, Radio Portugal 9715, 11850, Radio Sweden 15245, Radio DW Trincomalee 17810, 17770, Radio Jordan 11835, 15435, Radio Maya de Barillas 3325, Flat Earth Radio 15525, VOR Kishinyov 9665 [em], WINB 13570, WHRI 15105. Hope you are feeling better now.

Robert A Park Lower Hutt has a large list in from Voice of Turkey 9525, Radio Nederland Bonaire 9795, 9590, KTWR 17880, 15550, AWR Julich 15620 AWR Slovakia 15775, 13855, BBC Meyerton 11765, Radio Slovakia 17550. Radio Vatican 15595, 6185, 11910, 11715, 9585, 17515, Israel 7575, Voice of Greece 15630, NHK Yamata 9695, 17860, 21570, NHK Ascension 15220, 17650, NHK UK 11710, Radio Educacion 6185, TWR Albania 12070, Radio Habana 9550, 13660 WTJC 9370, Swiss Radio International 17665, 21750, and via Julich 13660, 15545, Radio Ukraine 9640, 9865, RTE Kranji 11740, Radio Australia 21820, 9815, 1550, FEBA 11600, YLE 11665, HCJB 9765, 9780, Radio Denmark 11635, Voice of Russia St. Petersburg 9890, Krasnodar 15485, Pet Kamch 17595, 17650, Chita 17655, Yerevan 11510, Deutsche Welle Nauen 9545, 9735, 11885, Kigali 9700, 13780, 15135, 15275, 15410, Sines 9725, Wertachtal 6100, 7190, 9565, 9715, 13610, 17820, 17860, 21680, Bonaire 11750, 11795, Antigua 9670, Trincomalee 9670, 11765, 11815, 11865, 15135, 15250, 15390, 17770, 17810, 21640, Radio Espana 7275, 9620, 9840, 11680, 15110, 15160, 15285, 17560, 17665, 17770, 21610, 21700, WSHB 9845, 15195, 15285, 18910, Voice of Mediterranean 7150, Radio Canada International Yamata 17835, Sackville 5995, 9670, 11710, 11830, 11865, 13755, 15170, 15470, 17805, 21570, Skelton 6150, 7290, 9595, 11905, 11975, 13670, 13765, 15330, 17735, Kimjae 13710, Wertachtal 11795, 15215, Moosbruun 9690, 11835, 15345, Voz Christiana 6070, 15375, 21500, Radio Romania 11775, 17720, Radio Prague 9880, 13580, 15470, 15545, 17485, 21745, RNZI 11720, WYFR 11565, 11770, 15120, 15715, 17750, 17805, 21455, China Radio International 11790, 12010, 15110, via Spain 9690, Radio Free Asia 17525, ORF 21650, 21765, Via Canada 6015, Radio Sweden 9435, 15255, VOA Lampertheim 13725, Tinian 13650, Philippines 9760, Morocco 9655, Wooferton 11825, VOA 17745. What a list.

Jack Searle Haumoana With Voice of Greece 15630, Radio Canada Moosbruun 15345, Skelton 13765, WYFR 15695, Iran 15260 Radio Romania 11940 VOA Kavala 15205, VOA 17885.

John Durham Tauranga Has them from TWR Via Armenia 6145, Radio Mil Mexico

6010, Radio Gaalayo Somalia 7012 Country No 262.
 Ray Crawford Brisbane Veries in from VOA Botswana 7415, HCJB 15160, Spain 15285.
 Arthur de Maine Radio Ukraine 9810, Radio Japan 21610, RTE Via Singapore 11740,
 VOT 21715, RadioSweden 15245
Best of Month Over 9 MHz BBC Meyerton South Africa 11765 Robert A Park
Best of Month Under 9 MHz Radio Gaalayo Somalia 7012 100 watts John Durham



bandwatch.under9@radiodx.com with Ken Baird

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

KHz UTC Country, Station, Programme, & Reception Details

2410 1152 PNG, R Enga fair / good with music, natl anthem prior to s/off — DN 2/8
 2850 1527 NTH KOREA?? Orean CBS good with conitnous choir singing - CC 2/7
 3230 1930 STH AFRICA, World Beacon via Myerton EE rel prgm mailing address - LM 22/7
 3240 1700 SWAZILAND, TWR with relig prgm in unid language — TTS 6/7
 3287.8 1830 MALAGASY REP, RTV Malagasy relig pgm in vernac FAir with CHORUS LM 21/7
 3300 0535 GUATEMALA, R Cultural fair in Spanish — PGA 16/7
 3305 1041 PNG, R Western w/ pop music and surprisingly good signal tonight - DN 21/7
 3310 0835 BOLIVIA, R Mosoj Chaski fr in unid lang, ethnic mx & ads, SS ID 0858 - KVB 9/7
 3315 1924 PNG, R Manus fair with march music, bird call, choir and s/on 1928 followed by relig prgm, ID 1929 — KVB 8/7
 3325 0959 PNG, R Bougainville fair in Tok Pisin. Childrens choir. ID 1000, noisy - CC 27/7
 3325 1048 PNG, R Bougainville fair in Tok Pisin. Bible rding, hymn, mx, ID 1057 - KVB 20/7
 3326 1916 PNG, R Bouganville good with relig/gospel prgm — PGA 9/7
 3340 1050 PERU, R Altura fair in Spanish with ID 1100 — KVB 26/7
 3375 0940 BRAZIL, R Educadora thumping through in Portuguese — IC 28/7
 3375 1039 BRAZIL, Unid Big sig ID as "Programme do Brazil", gd mx, s/off 1109 - DN 26/7
 3375 1109 PERU, R San Antonio in Spanish with huaynos, complete change of music before 1100, ID at 1121 — DN 26/7
 3385 1005 PNG, R East New Britain good in EE with NBC National News, into Tok Pisin at 1012, some QRN — CC 27/7
 3905 1108 INDONESIA, RRI Merauke fair in Indonesian with low QRM from PNG R New Ireland - KVB 26/7
 4696 1714 INDONESIA, R Khusus fair in Indonesian — PGA
 4775 1022 PERU, R Tarma fair in Spanish with talk and two lds, noisy — CC 27/7
 4796.5 1114 BOLIVIA, R Mallku good in Spanish with freq info and ID — DN 18/7
 4810 1957 ARMENIA, in EE daily at this time — PGA 9/7
 4815 0956 BRAZIL, R Dif Londrina fair in Portuguese with music and ID 1000 — KVB 2/7
 4830 1004 VENEZUELA, R Tachira fair in Spanish with upbeat music, ID 1004 — KVB 2/7

4885 0945 BRAZIL, R Clube do Para, Belem poor in Portuguese with latin music , announcements and ads with ID at 0950, 0959 — KAB 22/7
 4890 0850 PNG, NBC fair inb EE with time then music, noisy — CC 10/7
 4910 1544 INDIA, AIR fair in EE with news headlines and ID — CC 2/7
 4914 1030 PERU, R Cora fair in Spanish with sung ID at 1036, scratchy — CC 27/7
 4914.5 1015 PERU, R Cora poor in Spanish with music and announcements, ID 1018 followed by comment and more music — KAB 22/7
 4915 1912 GHANA, R Ghana poor in EE/vernac with ID 1914 — KVB 4/7
 4920 0529 ECUADOR, R Quito fair in SS with Latin mx, ID 0530, some QRN - CC 3/7
 4927 1136 INDONESIA, RRI Barat fair, Indonesian, ethnic mx, 1159 IS, 1200 ID - KVB 30/7
 4950 1050 PERU, R Mafre de Dios fair in SS with upbeat music, IDs 1057, 1103 - KVB 2/7
 4960 1003 VANUATU, R Van. gd. Pleasant island mx, ID in Bislama live pgm - KAB 22/7
 4975 0845 PERU, R Del Pacifico good in Spanish — IC 27/7
 4980 0900 VENEZUELA, Ecos Del Torbes v good in Spanish with great lds, easy log for anyone wanting Venezuela — IC 27/7
 4985 0900 BRAZIL, R Brasil Central good in Portuguese, another easy log — IC 27/7
 5020 0942 SOLOMON IS, SIBC fair in pidgin with relig music, ID. EE nx 1000 — KAB 23/7
 5030 0502 COSTA RICA, AWR fair vwith gospel prgm — PGA 20/7
 5035 1959 CENTRAL AFRICAN REP, Bangui good signals most days — PGA 15/7
 5070 0937 USA, WWCR fair in EE with normal relig prgm — KAB 9/7
 5235.6 1136 PERU, R Apimurac (tent) better on USB, would have been easy to ID if not for the static crashes, fun station — DN 26/7
 5470.9 1105 PERU, R San Nicholas in Spanish with ID between flute music, good between static crashes — DN 26/7
 5479.8 1123 PERU, R San Nicholas (tent) with LA pops and announcements in Spanish, no ID, best at 1140, faded by 1152, a rare visitor in these parts — DN 22/7
 5486.8 1149 ??? UNID possibly Reina de la Selva with huaynos, v weak — DN 22/7
 5745 0912 USA, WHRI good in EE with offer of free bible and ID — CC 22/7
 5825 0358 USA, WEWN good in EE with ID and talk about adoption — CC 22/7
 5925 -405 FRANCE, RFI good in French to Nth Africa, ID 0406 — KAB 12/7
 5950 0408 USA, R Taipei Intl fair in Chinese with news followed by ID at 0412 — KAB 12/7
 5960 1931 BELGUIM, RVI good with EE prgm — PGA 16/7
 5975 0415 ITALY, RAI good in Italian. Nx after IS, ID into EE 0426 //7150 good - KAB 12/7
 5975 0425 ITALY, RAI good in EE with bells, ID, then news — CC 29/7
 5975 0440 ANTIGUA, BBC WS weak in EE with comment on AIDS — KAB 12/7
 5975 2030 SINGAPORE, BBC WS moderate in EE with interview, ID 2030 — KVB 19/7
 5980 0844 BRAZIL, R Guaruja booming through in Portuguese — IC 27/7
 5985 0443 USA, WYFR good in Spanish with music then ID and off at 0445 — KAB 12/7
 5985 2000 CONGO REP, R Congo fair in FF, clear after 2000, heard past 2200 - BML 26/7
 6005 0446 ASCENSION Is , BBC WS good in EE with African news — KAB 12/7
 6005 0535 ASCENCION IS, BBC WS fair with news — PGA
 6020 1900 MADAGASCAR, RN poor in EE with news // 13700 v good — KAB 24/7
 6040 2159 ???, VOA with ID, freq schedule then off, fair in EE — KAB 20/6
 6055 0547 SPAIN, REE fair with Lets Learn Spanish prgm — PGA
 6070 0930 CHILE, R Voz Christiana good with relig songs in Spanish — KAB 9/7
 6090 0528 CHILE, R Esperanza fair in SS wiith mx, ID 0532, surging and scratchy - CC 10/7

6090 0555 ANGUILLA, Carib Beacon gospel pgm, suffers from severe QRM - PGA 28/7
 6090 0945 ANGUILLA, Carib Beacon in EE underneath Latin in SS, ID 1000, off - KAB 9/7
 6100 1832 BOSNIA, R Yugoslavia in EE with steady signal most days — PGA 21/7
 6130 1305 LAOS, Loa National Radio presumed the one here with fair signal and EE lesson with US-accented readers, clear — PWO 22/7
 6134.80915 BOLIVIA, R Santa Cruz fair in Spanish with strong Ids — BML 19/7
 6195 0438 UK, BBC WS in EE with comment on Concorde crash, good — KAB 26/7
 6673.11152 PERU, R andina good in Spanish with clear ID, QRM from Volmet on 6676 did not help — DN 15/7
 6895 1845 ISRAEL, Galei Zahal Israel in Hebrew with announcements and pops, better at 2200 and still there at 2245 — LM 20/7
 6895 1955 ISRAEL, Galei Zahal fair in Hebrew with music and news, ID 1959 — KVB 4/7
 6895.5 1054 PERU, R San Miguel western pops with typical talking through the top of the hour, rapid ID at 1104 — DN 18/7
 7120 0444 STH AFRICA, BBC relay fair in EE with African news items, ID 0500 — KVB 10/7
 7125 0454 CIS, V of Russia fair in EE — PGA 10/7
 7125 0558 GUINEA REP, R Guinea/R Conakry good/fair with ex Afro music — BML 22/7
 7130 1220 TAIWAN, R Taipei Intl good in EE with talk about Taiwan parliament // 9610 weaker — CC 19/7
 7210 0500 BENIN, R Benin weak but clear in French, best in LSB mode — IC 24/7
 7265 0550 NIGERIA, V o Nigeria fr in EE, suffers from het but improves after 0600 - IC 24/7
 7265 2005 NIGERIA, V of Nigeria moved here from 7255 in EE — PGA 16/7
 7265 2200 NIGERIA, V of Nigeria with drums ID in Hausa mxd w/ SWF Rohrdorf - LM 21/7
 7385 0400 USA, WRMI Scream of the Butterfly fair on Sunday — BML 16/7
 7405 0600 USA, R Marti good with Spanish prgm to Cuba — PGA 30/7
 7415 0532 USA, WBCQ fair in EE with relig prgm, noisy — CC 3/7
 7448 0343 GREECE, FTH good in Greek with lively music // 9420 stronger — CC 22/7
 7510 0930 USA, KTNB good in EE with ID and Christian World News, distorted — CC 22/7
 7530 1945 SOMALIA, R Hargeisa with long political speech in Somali, 2000 brief fanfare, unable to catch ID — LM 20/7

CONTRIBUTORS FOR THIS MONTH

BML — Bill McLeod, Christchurch, NRD 545, 60m wire : CC - Cliff Couch, Paraparaumu, AT5 803A, 60m horizontal loop, 26m wire with Balun: DN — Dave Norrie, Auckland, AOR 7030, T2FD, 25m longwire with balun, 12m vertical : IC — Ian Cattermole, Blenheim, JRC NRD 535, T2Fd and Alpha Delta antennas: KAB - Ken Baird, Christchurch, R5000, AT5 909: 15m wire, Eavesdropper: KVB — Kevin Brayshaw, Levin, Collins 51J4, HF Loops & 5MHz dipole : LM — Leigh Morris, South Australia, R8A, AOR 7030, longwires, beveridges: PGA — Paul Aronsen, Wallacetown, Sony 6800 & 7600G, 4000 ft long wire: PWO — Paul Ormandy, Oamaru, SPR4, numerous dipoles and long wires : TTS — Tristram Speedy, Manurewa, Yaesu 7700, 55m wire.

Contributions to this column may be sent to PO Box 3011, Auckland or K A Baird, 10 Sarabande Avenue, Christchurch, 5. Ph: +64 3 352 6455, FAX: +64 3 354 1347, e-mail to ka.baird@xtra.co.nz. Thanks to all the contributors for this month. 73's, Ken Baird

Promote the DX League on the Internet - use your free @radiodx.com e-mail address!

bandwatch.over9@radiodx.com with Andy McQueen

Hello from Trentham which is part of the second largest city (in physical size) in NZ. This asks the question which is NZ's largest city? I bet it is not Auckland! And now a special welcome back to President Barry who supplies a special 25 mb list. All times are UTC.

KHZ TIME COUNTRY STATION & PGM DETAILS INITIALS

9335 1530 GUAM KSDA Good in EE with Id and Music 2/7 CC
 9405 0000 GERMANY Love Radio with boom box type music and Ids in EE SS as well as German. An agony to listen to so I switched off at 0500 8 & 9 July NMK (A special one off broadcast from Berlin via Juelich - Ed)
 9470 0505 GERMANY Croatian Radio YL with Croatian News in EE and Id 0517 10 & 17/7 CC
 9500 0140 BULGARIA R Bulgaria Strong in SS 25/7 IC
 9525 2006 TURKEY VOT Moderate in EE with Middle East News Id 2111 19/7 KVB
 9530 0800 JAPAN NHK/R Japan V/good in JJ // 17860 & 12030 22/7 #RP
 9550 1238 BANGLADESH R Bangladesh YL with EE Nx. A little noisy //7185 weaker 19/7 CC
 9565 0930 USA R Marti Excellent in SS with R Marti Id at 1000 23/7 #RP
 9615 1730 ALASKA KNLS With prgm in Mandarin by OM but unable to receive this station since moderate QRM TTS
 9645 1745 SRI LANKA VOA Relay Good in EE with 'Talk to America' but with QRM from unknown co-channel station AMQ
 9704 0325 ETHIOPIA R Ethiopia Fair in local language 23/7 IC
 9705 2128 THAILAND VOA relay Good in EE, nx on protests in Peru ID @ 2130 26/7 KVB
 9730 2122 VIETNAM V of Vietnam Moderate in FF with Asian songs Id 2125 26/7 KVB
 9775 0130 ? VOA Fair in with News in Special EE for the Caribbean region 17/7 IC
 9775 0315 EGYPT R Cairo Fair with Voice of the Arabs prgm with Koran readings 23/7 IC
 9775 0702 USA V of Greece Delano relay V/good in Greek/EE easy listening Mx News in EE at 0750 29/7 # RP
 9795 0420 CANADA V of VIETNAM Relay with EE/ Vietnamese lessons by YL TTS
 9840 0500 USA WSHB S Carolina Good signal in EE with Bible lessons TTS
 9840 1236 VIETNAM V of Vietnam Strong EE nx abt Vietnam & ID //12020 same 19/7 CC
 9855 0030 GERMANY R Vilnius via Juelich Chimes then id and News in EE plus commentary then folk Mx Poor Signal 22/7 LMM
 9885 1233 THAILAND R Thailand Strong in EE with News about Thailand 19/7 CC
 9900 2315 EGYPT R Cairo Time pips and id in EE with feature about Holy Koran LMM
 9890 1536 MADAGASCAR R Nederland fr. discuss. on Poet E A Poe //12075 strngr 2/7 CC
 9965 1955 ARMENIA V of Armenia Fanfare then Id in EE then newscast and mailbag feature weaker on // 4810 22/7 LMM
 11510 1720 RUSSIA VORWS Good in EE with talk on Ukraine/ Russian relations 4/8 AMQ
 11600 0335 CZECH REPUBLIC Strong in EE talking about the Warsaw pact countries invasion of Czechoslovakia. Id heard 0340 22/7 CC
 11625 2230 NORWAY R Denmark fr sig in Danish, mentions Camp David ID 2254 19/7 #RP
 11665 0400 RUSSIA V of Tatarstan Fanfare, ID in Tartar, YL w/ tx sked, commntary 20/7 LMM
 11690 1515 JORDAN R Jordan Fair in EE with music YL. ID 1517 Troublesome QRM 2/7 CC
 11705 0350 CUBA R Habana in USB mode Scratchy signal in EE Id and News 22/7 CC
 11715 2207 INDIA AIR Moderate, EE Nx - Calls for sanctions against Fiji ID 2209 26/7 KVB

11730 0200 HOLLAND R Nederland Good in Dutch to close at 0225 BW
 11730 0900 CHINA CRI Good in EE to the South Pacific BW
 1400 Good in EE to SE Asia BW
 11740 0330 TAIWAN R Taipei International in CC, with EE ID 0400 then SS till S/off at 0500 BW
 11740 2300 INDIA AIR Bangalore Good in Hindi Station Id at 0000 then into Tamil BW
 11745 0400 CHILE Voz Christiana Good in SS with Religious pgm to after 0900 BW
 11745 1300 TAIWAN R Taipei Int S/on with Id and then into RR Good to 1400 BW
 11750 1800 GREECE VOA Kavala Good in Arabic to 2000 BW
 11755 0600 ECUADOR HCJB Quito with EE relig tunes to Sth Pacific 0800 vgd sig to 0900 BW
 11755 2100 FINLAND YLE R Finland Good in Finish to S/off 2130 BW
 11755 2230 ITALY RAI In Italian to L America at 0050 Station Id and I/sig then into SS. At 0230 back to Italian BW
 11760 0200 OMAN BBC Eastern relay Station with World service in EE to after 0300 then mixed with Cuba BW
 11760 0500 CUBA R Habana In SS to Sth America at 0500 Id then close BW
 11760 0530 JAPAN NHK/R Japan With EE to 0600 then JJ BW
 11765 0500 SOUTH AFRICA BBCWS via Sentec Meyerton facilities Good in EE BW
 11765 0800 ALASKA KNLS T/signal to 0802 Good in EE with religious pgm to 0900 BW
 11765 1800 SRI LANKA D/Welle Trincomalee Excellent in GG to after 2200 // 11795 BW
 11775 1900 CHINA CRI In Romanian to Europe then later at 2100 in SS to close 2157 BW
 11775 2157 AUGUILLA Caribbean Beacon Clear with EE religion BW
 11775 2200 GUAM KSDA AWR with EE at S/on then Vietnamese pgm Some QRM BW
 11775 2200 CHINA CRI In SS to S/off 2257 mixed with KSDA // 13650 BW
 11780 1900 GERMANY VOA Bilbis Poor in EE to 2000 BW
 11785 0000 RWANDA D/Welle Kigali In GG to S/off 0255 // 13780 BW
 11785 0300 BRAZIL R Guaiba under D/Welle till they close then good copy to 0405 with full Id as "Radio Guaiba" Porto Alegre Brasil... etc." BW
 11785 0800 INDONESIA RRI Voice of Indonesia Good in EE to close at 0900 BW
 11790 2000 CHINA CRI Fair in EE with hetrodyne on signal BW
 11805 2030 GERMANY R Croatia Poor with QRM in EE with Croatian News 16/7 #RP
 11940 0440 ROMANIA RRI Fair in EE with Female vocalist and Id Some flutter 7/7 CC
 11940.3 1200 CAMBODIA R Phnom Penh Poor signal Fanfare then brief Id in EE then announcements in Cambodian followed by folk mx No longer has segments in EE and FF Best heard on USB LMM
 12005 1227 ECUADOR HCJB Fair in EE with Gospel songs // 15115 similar 19/7 CC
 12055 1640 RUSSIA VORWS Good in EE with 'Timelines' pgm AMQ
 13580 0016 CZECH REPUBLIC R Prague fr in EE, Sonata by Bach //15115 the same 30/7 CC
 13675 0335 UAE R Dubai Strng in EE Story Telling by OM //12005//15400 less clear 22/7 CC
 13705 0538 BOTSWANA VOA Relay Fair in FF, nx music & interviews //9505 same 25/7 KVB
 13820 1700 GERMANY Voice of Hope At a good level in EE but intermittent breaks in transmission lasting a few seconds 23/7 IC
 15135 1012 CHINA CRI Good in II with Nx and music Id 1012 26/7 KVB
 15160 0630 ECUADOR HCJB EE pgm from Nth American SW Assoc. Pr w/ severe QRM TTS
 15195 0530 MADAGASCAR R Ecclesia vgd PP w/ plenty of ID's 24/7 IC (This was an Angolan opposition station but didn't last long on SW but maybe is still on the internet -Ed)
 15195 0954 NTH MARIANAS ISLANDS KTWR Moderate to good with DX pgm in Indonesian

and religious music ID at 1958 7/7 KVB (You may have the wrong location I think that KTWR is on Guam just a hop away from Saipan — Ed)
 15210 1707 FRANCE RFI Strong in EE with world news //17605 weaker 13/7 CC
 15295 0954 MALAYASIA VOM Good in Malaysian with pop mx & spoken items Id 0959 KVB
 15330 0920 GUAM KTWR Strong in EE with 'Unshackled' pgm Id 0927 22/7
 15335 0300 OMAN R Sultanate of Oman Good in EE with feature on Holy Koran 0315 Time pips and News . At 0330 Id "Good morning this news is coming to you in the FM service of radio Sultanate of Oman" LMM
 15420 0404 SEYCHELLES BBC relay Fair/Poor in EE with Nx and comments Splatter from R Australia on 15415 Id at 0413 30/7 KVB
 15535 0344 SEYCHELLES FEBA With I/sig at 0344 then Good in AA 29/7 #RP
 17590 1735 GERMANY RVI Relay Fair in EE with 'Brussels Calling' 20/7 AMQ
 17665 2130 UNID LOCATION World Beacon Africa service vgd on this new freq 25/7 IC
 17745 0400 ROUMANIA RRI Fair in EE w/ QRM from R Australia on 17750 Lots of Id's 11/7 #RP
 17830 1917 ASCENSION ISLAND BBCWS relay Fair in EE with Item on FIFA and Charley Dempsey (He sure made us Kiwis look like right Charlies - Ed) // 15400 also fair but 17 MHz better Id at 1920 7/7 KVB
 17845 0500 GERMANY RCI relay from Werchatel vgd EE. Nx then 'Earth Watch' 22/7#RP
 17855 0700 PHILIPPINES VOA Poor in Mandarin with EE Id at S/on 0700 22/7 # RP
 21590 2000 NETH. ANTILLIES R Nederland Poor in EE to Sth Africa 9/7 # RP
 21610 0353 JAPAN NHK R Japan News Items about Japan // 17825 weaker 22/7 CC
 21815 0140 COSTA RICA RFPI Fair in EE on another new frequency 24/7 IC
 0237 New Freq ex 11 metre band Fair signal with Glen Hauser's World of Radio on Sundays 30/7 BDC

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

Shortwave Exchange

AMQ Andy McQueen Trentham Sony 6800 & 40m long wire / BDC Bryan Clark Mission Bay Auckland AOR 7030 and Alpha Delta Sloper / CC Cliff couch Paraparaumu Sangan ATS 803A with 60 m horizontal loop IC Ian Catermole Blenheim JRC NRF535 T2FD Alpha Delta / KVB Kelvin Brayshaw Levin (where the deer play with the broccoli) FRG7 Sony ICF 2001 Collins 51J4 5 MHz dipole & 40m horizontal loop / LMM Leigh Morris Morpheit Vale Sth Australia Drake / NMK Neville McKenty Tamatea Napier / RP Robert Park Lower Hutt Kenwood R1000 40 foot long wire / TTS Tristram Speedy Manurewa Auckland Yaesu FRG7700 with 55m N/S random wire.

utilities@radiodx.com with Evan Murray, Auckland

Welcome to new contributor Tony Lowe, Masterton. Tony first joined the League 40 years ago and at present is busy aligning aerials for upcoming solar activity. Welcome also to Bill Mannix, whose first contribution appeared in our May magazine and who is our RTTY player. Get well soon to John Charlton of Greymouth who is presently sick.

2749 0820 An unidentified marine station, logged in February magazine, has now been

confirmed as Halifax Coast Guard. NM

4445 0620 Sea Toy/Resolution. Expect your arrival in an hour. You have 20 miles to go. Sorry there is no seaplane in Nadi. NM

4445 0700 Various vessels advising that Tamahine taking water at 30.28 South 1776.56 East. Russell advises Capt Wallace diverting to help. NM

5643 1934 Perth/singapore 225. BK

6224 2110 Unid with marine weather and gale warnings. BJ (RAN Jarvis Bay, Australia ED)

6556 1945 Perth/NZ 23. FL 360 non standard. SC MRQS. NM

6556 1945 Perth/Singapore 225. BJ

6556 1945 Perth/Polar Tiger 281. BJ

6647 2000 Northland Radio Donella at Sunshine Cover Raoul Island waiting for weather at Minerva. NM

6649 0929 Lima/Qantas 115. QSY from 10024. Estimate 120 West at 1002. SC CQEM NM

6655 1030 San Francisco/Korean 001 at 170 West. SC ARQS. NM

6655 1028 United 842/San Francisco. At 100 miles West of Anchorage call 5667. NM

6655 1058 San Francisco/United registration N206UA. NM

8002 0108 VKS 737 Perth Base/Whisky 802. We have rolled between Parabadoo and Mt Tom Price. No injury only pride. NM (VKS 737 is the base for 4WD Vehicles ED)

8728 0516 This is Monaco 3AC. BJ

8825 0638 Santa Maria/ATT 7752 at 43 North 40 West at FL 290. SC EGAH. NM (ATT is call of Aer Turas Teoranta Dublin, a freighting company last heard transporting race horses from Auckland to Europe 5 to 6 years ago. ED)

8828 0930 Honolulu Volmet for Honolulu and Guam. TL

8828 0940 Tokyo Volmet for Tokyo and Osaka. TL

8852 2021 Unid with unid language. Heard "Over" and "Roger". Listed as a Russian Volmet Station but also heard what sounded like a selcal with SC INKO. EM

8855 0927 Belem/Continental 31. SC BMAG. NM

8861 1915 Khabarovsk Volmet in Russian. NM

8867 0146 Auckland/Air Caledonie 02 working 5000 ft & below. 30 nm from Norfolk. NM

8867 2339 Auckland/XAMKI (?). DORAX at 0041. KAKES next. SC JPDS. NM

8867 0027 RAF Air 78497/Auckland. Tango Papa Papa 710 is on VHF 128.89

8867 0030 Express 1/Auckland. You have major transmitter problems. You start off OK but in 10 seconds you turn to mush. Try another VOX. NM

8867 2250 Brisbane/Coast Watch 170. Call us on 17904 as we have a few problems on this one. OK. NM

8867 2310 UPS 6901/Auckland, Could you contact ZK NKG on 121.5 from Norfolk to Howe. He has no HF. Need to know his time TEKGAP and Lord Howe. UPS 6901 to Auckland TEKAP 2349 Lord Howe 0149. Copied all OK. NM

8861 2221 PZ HCN/Brisbane. What is your flight level and confirm destination. Destination is Honiara. Primary is 6553 Secondary 8846. NM

8867 0126 MNZ 24/Auckland. Relay for Cherokee VH UDS from Lord Howe will divert to Norfolk due to strong head winds. Position was 32.09 South 161.147 East. NM

8879 2016 Bombay/Air France 6845 to Milano. SC EFDK. NM

8879 1039 Perth/TJW negative selcal JRDM. Your plan has EPHS. NM

8879 1133 Unid/Gander. Unreadable. Try through Shanwick. NM

8890 0835 Cochabamba (Bolivia) in SS about Americanos and verbal sound effects. NM

8891 1133 Gander/Korean 037 to O'Hare Chicago. Ops normal. ALPET at 1129. Request weather at O'Hare. SC AHPs. NM

8891 0606 Iceland/KLM 682 to Amsterdam. 60 North 60 West. 69 North 40 West. 65 North 20 West. 61 North 10 West. FL 330. Request 350. NM

8891 0612 Bodo/Aeroflot 322. Oslo to Moscow. NM

8891 0637 Arctic Radio/Korean 086. 54 North 90 West. SC HPEJ. NM

8891 1053 Iceland/Korean 091 to Boston. ETA 1340. SC EKCR. NM

8906 2000 Santa Maria/Reach 7835. BJ

8930 2005 Stockholm Radio/North West 57. BJ

8930 2105 Stockholm Radio/Monarch 3978. SC CJAK. BK

8942 1942 UPS 6574/Hong Kong. SC DL?Q. EM

8942 1942 Manila/Cathay 101. EM

8952 1000 Cordoba Volmet. TL

8974 1947 Aussie 737/Air Force Sydney. Nothing for you. EM

9459 0900 ZLF Auckland. MSL surface analysis Tasman. Radio fax weathermap. BM

10018 2052 Bombay/Philippines 617. EM

10024 0952 Punta Arenas/Qantas 115. Calling but no reply. EM

10024 0952 Cenamero/Lima. In Spanish. EM

10024 0947 Santiago/Qantas 115. Calling but no reply. EM

10024 0928 Punta Arenas/Qantas 115. 50 South 131 West FL 330 to 370. At present at 350. 50 South 120 West next. Try Lima on 6649. If no reply come back here. NM

10072 1957 Speedbird London/Sorry London we are calling NZ Dispatch. NM

10072 2124 Air Cal 140/Skycoms. Request weather Noumea Brisbane Sydney Melb. NM

10072 0200 Air Cal 141/Skycoms weather Noumea Nadi Vila. NM

10072 2015 SB? 843/Speedbird London. Try us on 8180. NM

10072 2022 India 710/Air India Bombay. Tried 6 times but no reply. NM

10072 2015 SB?/Speedbird London. SC PQCD. We are returning to Gatwick. We require a police officer to deal with the problem. NM

10072 0530 SB 608/Speedbird London. We have a passenger with chronic diarrhoea and severe stomach cramps. Give him 6mg of ? and other medical advice. Any further questions. No but we will call again. NM

10096 0418 Belem/Air France. FL 370. SC EFDK. Contact Recife on 5565. A number of US and South African aircraft also heard. NM

10100 2330 DDK Hamburg. Test transmission in RTTY ITA 2, 50 baud. BM

11030 0845 AXM Melbourne MSL analysis Australia. Radio fax weather map. BM

11175 1006 20440/Command Post. Have 25 passengers 10 crew 3 dogs. We req. Customs Agriculture, fleet service, crew bus. Passenger bus will cal again 30 mins. NM

11175 1026 Kano 29/Hickham. We are a C130. Request phone patch for Yakota weather. Arrive 1220 ZZ. Thunder showers, fog, visibility 5 to 2 miles. NM

11300 2118 Khartoum/Saudia Air 449 over Port Said. NM

11306 0545 Lima/American 950 over Maiquetia. NM

11306 0546 Lima/American 991. NM

11306 0547 Lima/American 956 at MTA 0544. FL 350. NM (Margarita, Venezuela ED)

11306 0548 Lima/American 928. SC JPQS. NM

11306 0634 Lima/American 911. SC JMPP. Thunderstorms and rain with light turbo. NM

11330 0948 Tokyo/Korean 017. EM

11330 0950 Tokyo/Canadian 10. Request 350. OK. Report reaching. EM
 11330 1002 Tokyo/Canadian 10. Level at 350. EM
 11396 1010 Ujung Padang/Air Mike 900 at FIR 1007. FL 350. Ujung - crossing B472 return to FL 330. SC BMGP. NM
 11396 1010 Ujung Padang/Federal Express 77A AMN (Ambon) 1052. SC QLCS (Error) NM
 11396 1105 New York/TWA 153. SC ACFG. NM
 11396 1107 New York/N6000. No SC. Continue on 11330/8846. NM
 11396 1110 TWA 153/New York. Unable contact you on 11330. Go to 8846. NM
 12591.5 0400 UFL Vladivostok with marine traffic. RTTY Sitor A. BM
 12604.5 0740 9AR Croatia with marine traffic. RTTY Sitor A. BM
 13530 0844 VTP Indian Navy Viskhapatnam weather. RTTY. ITA 75 baud. BM
 15038 1009 Sierra/Unid at FL 9000 visibility 6000 feet and below. 3 miles haze. Scattered cloud above 6000 feet 7 miles. Temperature 16 Wind 312/32. NM
 15038 1031 Sierra/221. Negative contact with Uniform. We'll stick with Hotel Fox. 1032 Goose 21 report. 1040- Zeke Jekel contact Hotel Echo 751. NM (Former Strategic air Command "Giant Talk" ED)
 15038 1118 Sierra/Goose 228. 22038 is clear. You are unreadable. Transmit secure. Sound of high speed data. NM
 16811 0100 CBV Valparaiso with weather broadcast. RTTY. Sitor A. BM
 21985 0150 San Francisco/Sierra Romeo Gulf 790. 150 miles West of Wake. Request blocks 41-45. NM.
 124.8 1057 Christchurch/Link 951 at 3000 climbing to 8000. Slow climb. Gears down. NM
 124.8 0212 Napier/DFX. Request 2000 and below. Photographing Mill. NM
 NOTE: A copy of the book Selcals 2000 is expected from the UK in August.

Thanks to all contributors who are: NM Neville McKenty, Napier, NRD 545 and ICOM R70, with aerials 60' Sloper, Shortwave Listener, Discone D 130 BJ Basil Jamieson, Oamaru, Kenwood 5000, Drake R8 with 30m wire aerial TL Tony Lowe, Masterton, Philips D2935, Sangean 818CS, and aerials 2 Scanners, 100 foot long wire. 2 whips including one magnetic, umbrella array, 15 foot 8 inch dipole for monitoring solar activity at 29.9 mhz BM Bill Mannix, Pounamea, S Otago, Yaesu FRG 100, Universal M400 V2 Decoder, plus a 60 m antenna EM Evan Murray, Auckland, Kenwood 5000, T2FD.

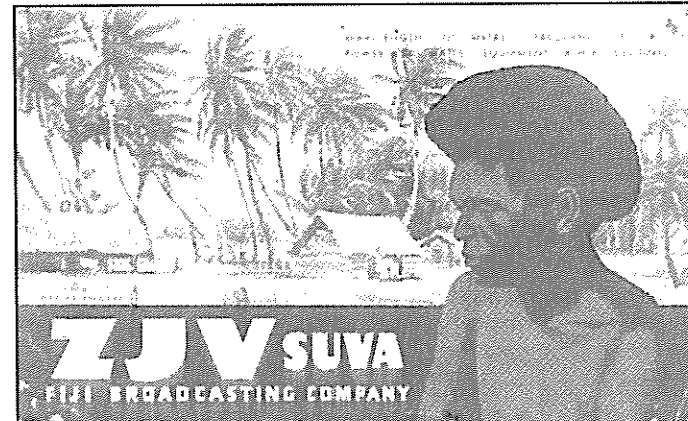
broadcast.dx@radiodx.com with Paul Ormandy, Oamaru

Hi all. Reception has been as fickle as the weather lately! From -5 degrees to 20 degrees a couple of days later... lots of early blossom around and even a few lambs... roll on the Equinox in September! And not too many contributors this time... in fact, the lightest mailbag for a while...

Finally some good news for DXers are Access Radio in Auckland has moved from 810kHz with just a loop-tape running telling listeners to re-tune to FM. Look for similar from 1YA 756 and 1YT 1494 soon...

Sutton Burtenshaw, Hamilton. "...Reports out to 2XT, 12B, Asia-Pacific 1593, 88 Country 1593 and R. Rhema 855. Veries in from Southern Star 657, 2XT, 3YA and ppc from R. Pacific 738 and R.Watea 603. Haven't done anything with the balun yet. Have had finger op with stitches out tomorrow. Will make keyboard typing and everything else a lot easier I hope. Was surprised with Merv Branks Trophy result. Merv was a great friend and many hours

were spent with him at the 6x3 in the sandhills. Of course us young ones always got the 'prize' of carrying (stumbling with) the battery up the track but our logbooks nearly always told the real story. Great times." *Never had the pleasure of visiting the Riverton Rocks site...*



QSL for station ZJV Suva Fiji logged 60 years ago on 23 July 1940 by League Patron Jack Fox. ZJV used 920 kilocycles, with the studio and 500 watt transmitter located in the Cable & Wireless offices in Suva. The shortwave station was VPD2, with 400 watts on 9535 and 11900 kilocycles. Transmitters were constructed by AWA.

David Ricquish, Wellington "...Here we are again. I'm worried now that Sutton is back in action, I feel there's a bit of competition! So, reports are away to 1XU 810 and Canterbury On Air 1017 with QSL back from 1XU 810 (email). Finally entering all my QSLs into an electronic database in frequency order, and am about halfway through. Interesting exercise - once I count them up, I'll have to compare with cards and letters! Found a couple entered twice in the

logbook so may have to adjust totals as well. Good old 1570 is emerging as most QSL'd channel, with 800 not far behind! I recommend the exercise to all DXers! Pretty hectic the past couple of weeks...yet to be more so, with No.8 Wired TV (new rural show) starting on TV3, Sunday Aug 27 at 1230pm (we handle advertising etc) and two new locations for The \$20 Challenge to be filmed late next month and early October which will have me out of NZ for about 3 weeks (we handle location management and sponsorship). The column will have to be done in a cyber cafe that month! Cheers for now."

Peter Chambers, Esk Valley "Have had a whole month with no power-line noise at the home QTH. MW reception has been rather poor except at the end of July when good N. American X-band reception occurred with sunrise lift 0930-1100z... We may soon have a Napier DX site if we get permission to use a DOC building near the fence Beverage site on the lagoon farm just north of Napier. Not a wonderful DX location at all, within a few kilometres of all Napier MW stations, and about 2km from the Napier 354kHz beacon. A site affected by serious power line noise at times however with permanent directional antennas, i.e. longwires, both Neville McKenty and I should get far better results than at our home locations. Only about 10 minutes drive from home. A couple of other people here in Napier who could be interested also. Good to see David Norrie getting some good results up North. A good longwire and receiver can certainly produce the goods anywhere in the country" *I'll go along with that!*

Paul Ormandy, Oamaru "Well, I've not even opened an envelope since last month, so I'm not in a position to berate anyone for not contributing! Must off to Waianakarua again soon as I'm sure I'm missing out!!

Merv Branks Trophy Sutton Burtenshaw 5, David Ricquish 1, - let the games begin!

Trail Time

Contributors: PC - Peter Chambers. CC - Cliff Couch.

- 612 0940 AUSTRALIA 4QR Brisbane, rugby discussion, id 0943. Noisy & suffering QRM. CC
- 640 0615 USA KFI Los Angeles CA, "Thank you for phoning KFI" good copy, steady signal. PC
- 684 0950 AUSTRALIA 2KP Kempsey "ABC Local Radio" id. Fair signal. CC
- 690 0612 MEXICO XETRA Tijuana BC, good copy w/ "Extra" id. Solid sig, totally dominant. PC
- 870 1025 HAWAII KAIM Honolulu, ad for YMCA. Fair signal. CC
- 873 0903 AUSTRALIA 2GB Sydney, fair w/"McQuarrie National News" CC
- 1269 1057 AUSTRALIA 2SM Sydney, local commercials, sometimes clear, sometimes noisy. Fair-good. CC
- 1323 1109 AUSTRALIA 5AD Adelaide, YL w/Adelaide wx forecast. Mostly noisy. Poor-fair. CC
- 1650 1030 USA KCNZ Cedar Rapids IA, with "Sports Fan Radio Network", good copy over 30 mins. IDs, ads, promos for specialist sports talk slots over the coming weekend. PC
- 1660 0934 USA WRRU Elizabeth NJ, excellent copy & dominant for several mins. "Radio Unica" ids, all Spanish with plenty ids and mentions of Peru. PC
- 1670 1022 USA WRNC Warner Robins GA, "WRNC AM FM Real Country 96.5" excellent copy in wideband AM sync. Strong steady signal till rapid sunrise fade. PC
- 1680 1005 USA WJNZ Ada MI, id on the hour then 4 solid minutes of ads then into music. Good, strong steady signal. PC
- 1680 1037 USA WTIR Winter Gardens FL, "WTIR weather centre" ids & forecasts for FL cities. Good copy and dominant. WJNZ had faded out. PC

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

MEDIUM WAVE NEWS FROM AROUND THE WORLD

NEW ZEALAND Auckland Access Radio has moved to 104.6 on the extended FM Band and has been playing a loop tape on 810 AM since 1 August. Reason for the move to FM is imminent loss of the Access Radio AM transmitter/antenna site at Otahuhu previously shared with Radio Pacific 702 AM. The latter has already relocated transmitter and antenna to Henderson but for technical reasons it was not possible to relocate Access Radio as well. (Barry Hartley) But, to quote the 'NZ Herald', "fortunately influential local and national politicians successfully persuaded the Government that one of the unallocated FM frequencies should be given to Access Radio." So, we can expect 810 AM to be vacated in Auckland before too long. (Bryan Clark)

ALBANIA 1215 carries VOA Albanian 0500-0530, National Channel 3 at 0530-0600 and 1400-1730, Radio Tirana in Serbian 2115-2130 Albanian 2130-2200 UTC. 1395 carries VOA Croatian 0430-0500, National Channel 3 0700-1000, Trans World Radio in various East European languages 1825 (Wed, Thurs 1840)-2100 UTC. 1458 carries VOA Serbian 0530-0600, Radio Liberty 1800-1830, VOA Albanian 1830-1900, Deutsche Welle 2000-2030, National Channel 3 at 2030-2200 UTC. (ARTV/DW/TWR via BC-DX, DW via BC-DX, IBB via Olle Alm Arctic Radio Club via IRCA DX Monitor 7/00)

BAHRAIN Two different progrs in Arabic heard on 801 and 1233 at 1800-1830, identifications at 1800 & 1830. (R.Pankov Bulgaria 13/7 via BC-DX)

CHINA Voice of Russia is relayed from 1269 Yunnan with English at 1400-1500, 1700-1800 and Hindi 1300-1400. (VOR via Olle Alm via IRCA DXM)

**NEW ZEALAND RADIO DX LEAGUE
2000/2001
SUBSCRIPTION RENEWAL NOTICE**

For most members of the New Zealand Radio DX League, subscription renewals presently fall due on 31 August 2000. If the date on your mailing label this month is 31/08/2000, then your **SUBSCRIPTION IS NOW DUE**.

To ensure that your membership continues without break - and not miss out on your monthly copy of the NZ DX TIMES, please ensure your subscription payment is in the mail no later than *Thursday 31 August 2000*

SUBSCRIPTION RATES:

- NEW ZEALAND: NZ\$35.00
- AUSTRALIA & PACIFIC ISLANDS: AU\$35.00
- ASIA & NORTH AMERICA: US\$30.00
- EUROPE, AFRICA & SOUTH AMERICA: . US\$33.00

Payments please in currency as above or equivalent in your local currency. Note: Cheques or money orders must be in NZ currency or the currency of originating country.

To: National Treasurer, NZ Radio DX League, P.O.Box 3011, AUCKLAND, NEW ZEALAND

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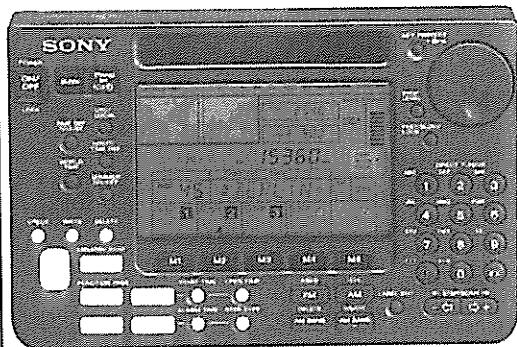
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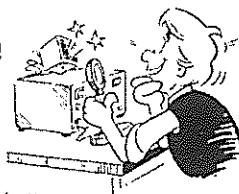
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Hibiscus Coast Branch contact 424 8083 or emancer@family.net.nz



Promote the DX League on the Internet - use your free @radiodx.com e-mail address!

CYPRUS 639 and 720 carry BBC Arabic Service 0330-2115 BBC Arabic (exc. Persian on 720 Sat/Sun 1830-1900). 1323 carries BBC World Service in English 0300-0730, 0730-0900 Sat-Sun, 0900-2330 (BBC via Olle Alm, Arctic Radio Club via IRCA DXM)

GREECE VOA Kavalla schedule on 792 includes 0400-0500, 1700-1730, 1900-2000, 2130-2200 The local ERT broadcasts are aired 0900-1700, 2000-2130, 2200-2300 UTC. Rhodes carries 1260 VOA 0400-0700, ERT 0900-1400 and VOA 1500-2200, ERT 2200-2230, VOA 2230-0030. (IBB via Olle Alm via IRCA DX Monitor)

HAWAII KGMZ 1460 in Honolulu has format change from pop oldies // KGMZ-FM to Adult Contemporary // KRTR-FM 96.3 as of April. This is the third time that 1460 has simulcasted 96.3. Change results from a deal selling KCCN-AM/FM, KINE-FM, KRTR-FM, KXME-FM and KGMZ-AM/FM to Cox Radio, then Cox selling AM 1460 to a "Honolulu Broadcasting" but still managing the facilities. (Dale Park via IRCA DX Monitor 7/00)

IRAN VoIRI in Turkish 1830-1930 heard on new 639 (x1215). The Home Service I programme on SW 15084 has following parallels: 1630-1730 on 639 1026 1197 1215 1251 1368 1386. 1730-1830 on 639 1215 1251 1368 1386 1539 1584. 1830-1930 on 1377. Home Service II: 1930-2030 on 1593, 1730-1830 on 936. VoIRI in English at 1930-2030 heard on 1044 and SW 9022. Services in Kurdish, Turkmen etc. 1730-1830 on 1404; 1630-1830 on 1449. (Rumen Pankov Bulgaria 7-14/7 via BC-DX)

ISRAEL (INTERNATIONAL WATERS) Arutz Sheva 711 has a changed format on this channel not // 1143. Broadcasting in Russian during daytime to all Russian immigrants. After 1700 change to English and French. 1900-2200 rock, jazz and other music programs. News on the hour. (Bengt Ericsson 010.4.2000 via EuroLog 6.4.2000 via IRCA DX Monitor)

ITALY RAI Home Service frequencies at 0400-2200 summer UTC:
 Radio 1 - 189, 567, 657, 819, 873, 900, 990, 1062, 1296, 1332, 1575, 1584.
 Radio 2 - 693, 846, 936, 999, 1035, 1116, 1143, 1188, 1314, 1431, 1449, 1485.
 Radio 3 - 1107, 1305, 1368, 1512, 1602. (S.Miciché HCDX 1243 via IRCA)

LAOS 580 Vientiane appears to have moved back to split-channel 580 after moving to 576 about 2 years ago. Noted 18 & 19 March around 1400, parallel 6130. The MW channel continues to be a mess in the evening, with Burma varying around 575-577, a Vietnamese stn on 580, and Nepal, Alleppey, Kunming and Bangkok all on 576. (Alan Davies in Calcutta, 20 March via BC-DX 458 via IRCA) 580 LNR Vientiane, 585 LNR Savannakhet 20 kW, 702 LNR Vientiane City Sce 1030 LNR Ext Sce, 0600 in English, 1368 LNR Pakse (Juergen Lohuis-LAO, Mar 6, in Vang Vieng, about 150 road kms north of Vientiane, via BC-DX 460 via IRCA)

MEXICO The Mexican equivalent of the FCC has a web site, which includes an on-line data base of AM FM & TV allocations. Go to <http://www.sct.gob.mx/infraestructura> and look for something that looks like it has to do with AM radio (or FM or TV if you wish). Unfortunately it won't let you look by frequency, what you get is a map of Mexico, when you click on one of the states you get a list of all that state's stations (Bruce Portzer via IRCA DX Monitor)

OMAN BBC transmission schedule includes 702 BBC Arabic 1500-2115. 1413 BBC English World Service 1745-1830, 1900-2100; Hindi 1700-1730; Persian 1615-1700, 1830-1900; Urdu 1500-1545, 1730-1745; Pushto 1545-1615 (BBC via Olle Alm, Arctic Radio Club via IRCA DX Monitor)

PHILIPPINES 1143 Poro at 1100-1800 (1700 Sat/Sun) carries VOA including English at 1200-1230, 1400-1500, 1700-1800. (IBB via Olle Alm, Arctic Radio Club via IRCA)

RUSSIA Trans World Radio is using St. Petersburg/Popovka 1494 for the summer period: 1900-1930 Mon-Fri Lithuanian, 1930-2000 Mon-Fri Finnish, 1900-2000 Sat-Sun Lithua-

nian 2000-2030 Mon-Fri Swedish, Sat-Sun Latvian, 2030-2100 Mon-Fri Norwegian, Sat-Sun Estonian (TWR Europe via BC-DX via IRCA)

THAILAND 1575 Ban Phachi at 1530-1600, Mon-Sat also 1700-1800 VOA English. At 1030-1100 & 1200-1230 Radio Saranrom (Royal Thai Government Service). At 1100-1200, 1230-1530, 2200-0000 other VOA services are carried. (IBB via Olle Alm, Arctic Radio Club via IRCA)

EXPANDED BAND REPORT (above 1600kHz)

ARGENTINA A lot of X-band activity from deep South America!

- 1610 R. CULTURA, Domingo Purita 2247 (1824 Lanus) - inactive !!
- 1610 R. CANTICO NUEVO, Av. Oliver 1134 (1842 Monte Grande)
- 1620 R. TROPICANA, Av. San Juan 2461 (1232 Capital Federal)
- 1640 R. BOLIVIA, Av. Coronel Roca 1467 (1437 Capital Federal)
- 1650 AM RESTAURACIÓN, Debussy 2948 (1686 Hurlingham)
- 1660 R. UNIDAD, Molina 830 (1847 Rafael Calzada)
- 1670 BBC AMERICA LATINA (Capital Federal)
- 1680 AM GETRO, Av. San Martín 4280 (1824 Lanus Oeste). (Marcelo Cornachioni, Conexión Digital via Glenn Hauser's DXLD 18/7 via Paul Ormandy)

USA

- 1610 KNRB Atlanta GA is due on air with talk from October. Some question over callsign, with KALT and KPYN mentioned. (IRCA)
- 1640 KMMZ Enid OK is new callsign for projected station replacing KBFQ.
- 1690 KSXX Roseville CA has been sold by Freedom Network to Mr. Jaime Arbona (phone: 415-821-2501). Construction should begin soon and should be on air about October. (Gary Jackson IRCA)
- 1700 WEUP Huntsville AL, newest X-bander on-air, first heard 1 August by Lee Freshwater with black gospel music. (Glenn Hauser's World of Radio 4/8 via Bryan Clark)
- KQXX Brownsville TX address: 1050 Macintosh St, Brownsville TX 78521. Envelope has P O Box 3407, Brownsville TX 78521. (P.Martin)

VATICAN STATE 1611 The 2nd European programme of Vatican Radio has a broadcast in Italian/English on Mondays at 1920 UTC. 527 Vatican Radio now broadcasts 24 hours a day here with the Jubilaem Channel 1 in Italian/French/English from 0400 to 2210 UTC and Studio A With You in the Night (classical and light music) from 2210 to 0400. (Stefano Valianti via MWC via IRCA DX Monitor)

NORTH AMERICAN CHANGES courtesy IRCA DX Monitor 7/00

FAREWELL WMAQ Chicago's oldest set of call letters vanish from radio August 1, when WMAQ-AM (670) makes way for the Score. CBS/Infinity Broadcasting Corp. announced Monday that WMAQ and its news/talk/sports format would cease to exist after July 31. WSCR-AM (1160) will move up to the 50,000-watt frequency of 670 along with the Score's sports-talk format, talent lineup and call letters. More than half of WMAQ's 60 full-time and part-time employees are expected to lose their jobs. Pending approval from the Federal Communications Commission, the Score is expected to ease the transition by simulcasting for about a week on both 1160 and 670.

WMAQ will mark its final hours on the air July 31 by airing historic audio from the station's past. A marathon broadcast of "When Radio Was" will highlight many of the programs that originated from the station's Merchandise Mart studios in the 1930s and '40s.

WMAQ began broadcasting on April 13, 1922, under the ownership of the old Chicago Daily News. (The call letters stand for "We Must Ask Questions.") It was acquired in 1931 by NBC, which operated the station for 57 years. Under Group W ownership, it launched its all-news format in 1988. In the latest Arbitron quarterly survey, WMAQ tied for 21st place overall with a 1.7% share and a cumulative weekly audience of 543,500. In 1999, the station reportedly billed \$20.7 million. (Robert Feder, Sun Times newspaper via Fred Vobbe via Pat Martin IRCA)

- 540 KKGQ Costa Mesa CA format was classical // XEBACH, now jazz // KJAZ 1260.
- XEJAZ Tijuana BCN new call ex XEBACH, classical, now jazz // KJAZ. Idents as "K-Jazz, Southern California's new jazz station" and English language announcers. Spanish call letter IDs are clearly XEJAZZ. (Tim Hall via Pat Martin)
- 740 C.... Toronto granted 50kw 24hrs ND, expected late 2000, Adult Standards format.
- 770 WWCN North Fort Myers FL format now sports // WQAM.
- 830 KPLS Orange CA has construction permit for 30kw day/20kw directional nights.
- 840 CJXX Grande Prairie AB is moving to 93.1 FM. (Stonebridge AB)
- 900 CKMO Victoria BC 10kw granted move from 103.1 FM (an unusual move! Ed) in swap with CJVI. (Dean McEntyre AB via Pat Martin)
- 930 KHJ Los Angeles CA QSL letter from Jerry Lewine, CE. Address: 5724 Hollywood Blvd, Hollywood CA 90028. (Mike Sanburn CA)
- 950 KXTQ Lubbock TX format is now talk, Associated Press news.
- 960 KABL Oakland CA format changed from Adult Standards to 45+ soft Adult Contemporary. Website <http://www.960kabl.com>
- 1150 KDEF Albuquerque NM format Radio Disney (still sportstalk 7-10am)
- 1170 WWVA Wheeling WV now carries WLW's "Bozo" trucking show.
- 1270 CHWK Chilliwack BC granted move to 98.3 FM
- 1290 WJNO West Palm Beach FL applies for 25kw day, 1.1kw nights DA-2.
- 1420 WUKQ Ponce PR new call ex WEUC. Format now SS news/talk // WKAQ.
- 1460 KTXS Salinas CA QSL letter from Jim Hilliker, PSA Director. Address: 903 N Main St, Salinas CA 93906. (Pat Martin OR)
- 1480 KSBQ Santa Maria CA format now Spanish hits. No longer // KXLM-FM
- 1540 KMPC Los Angeles CA QSL letter from Chuck Hayes, Director of Sports Marketing. Address: 2800 28th St, #133, Santa Monica CA 90404. (Pat Martin OR)
- 1550 KKJY Albuquerque NM has reactivated with Adult Standards, "Joy".
- 1560 WINV Inverness FL now // WXOF with 'Jones Country' music format.
- 1580 KTFN Merced CA has change of call letters to KRAN.
- 1600 KIVA Albuquerque NM format now CNN headline news (will also simulcast most of KOB-TV's news programming).

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

WELCOME TO NEW MEMBERS - BOB KAY, 15 Frobisher Way, Manurewa, Auckland 1702 and **GEOFFREY MILLER**, 114 Evans Street, Opoho, Dunedin 9001. Bob learnt about the DX League from Sony NZ's "Pulse" catalogue. He uses a Sangean ATS803A, helped by a 42 foot longwire and a 5 element VHF Yagi antenna. Geoffrey is interested in medium wave and shortwave listening and uses a Digitor R182 PLL receiver with a 10 metre long random wire antenna. He learnt about the League from our Teletext page (now discontinued) and 'Tune In' magazine.

Welcome aboard gentlemen and we hope that keeping in touch with the listening experiences of other SWLs and DXers through these pages will aid your own listening. Please send your own contributions to Box 3011, Auckland, or by email directly to column editors.

FREQUENSEE? Now we have your attention, please check your mailing label on the back cover of this magazine. If the date above your address reads 31/08/00, your annual subscription expires this month. Please use the subscription renewal form that appeared in last month's magazine to send in your sub renewal without delay. Note that the mailing labels were printed on 12 August, so will not show subscriptions received in Auckland after that date. Remember that renewals received from NZ members by 31 August go into a draw to win a radio book from Burnet Pollard Books.

HAPPY BIRTHDAY ALAN!! While some of us were perhaps toasting the Queen Mother's 100th birthday on 4 August, others of us were raising a glass to our honorary member **ALAN ROYCROFT** who celebrated his 80th the same day! NZ-born Alan had a long and illustrious career in broadcast engineering in Hawaii, the Pacific Islands and Europe. There was a time when Alan was the contracted Chief Engineer for most Honolulu radio stations and he is fondly remembered by many DXers for the generous QSL service he provided. Retiring to Hilo on the big island of Hawaii, Alan has lost his mobility following several strokes but still enjoys reading the DX Times every month. [Happy Birthday Alan - Andy]

MESSAGE FROM EL PRESIDENTE **BARRY WILLIAMS** writes "The Administration Committee is aware of the concerns of some League members regarding the lateness in publishing of recent issues of the DX Times. We are currently working with our editor, Andy in resolving this problem. There may be ways where Andy can receive assistance from NZ to facilitate a more regular publishing time. Meantime we ask members to continue their support of our volunteer team."

LOST MEMBER Can anyone help locate Wellington member **DARYL NEW** who's magazines have been return undelivered? Please drop a note to Box 3011, Auckland.

THANK YOU to our long-time Aussie member **CHRIS HAMBLY** for a donation to League funds. He describes the DX Times as a "great pub".

HELP WANTED RE SONY ICF SW55 Long-time Hawkes Bay member **KEITH SMITH** is seeking information on this Sony receiver. He is happy to reimburse postage. Please contact Keith at 313 Gascoigne Street, Hastings.

BURNET POLLARD BOOKS stockist of SWL and radio-related books, advise their new address and contact information is as follows:

Burnet Pollard Books, PO Box 6343, Upper Riccarton, Christchurch 8030. Telephone 03-3544997. Facsimile 03-3544998. email: books@radiodx.com

OLYMPIC GAMES ON SHORTWAVE Radio Australia has announced its Olympic games coverage plans: The Pacific Service will have full coverage relayed from ABC Sydney on 702 AM, for 16 days starting 16 September (from 2100 UTC Friday):

2100 - 2400 UTC on 17715kHz. 0000 - 0200 on 17580kHz. 0200 - 0800 on 13605kHz. 0800 - end of day on 11650kHz.

The Asian Service will have Olympic updates daily at 0030, 0330, 0530, 0730 & 1130 UTC. (RA Feedback 7/00 via Glenn Hauser's DX Listening Digest via BC-DX)

2000 ANNUAL GENERAL MEETING/MINI-CONVENTION Mark your calendars now for the DX social event of the year 2000 — the DX League's 2000 Annual General Meeting and

Mini-Convention to be held at Motu Moana Scout Camp at Green Bay Auckland from Friday afternoon 13 October to Sunday afternoon 15 October.

branch.news@radiodx.com

Auckland

The planned visit to Com Centre, New Lynn, was called off because of other commitments but Richard Rowntree hopes to accommodate members during the October meeting. Confirmation of this will be given in the magazine in September or October.

On a visit to TVNZ Daniel had met Wayne Huggard to hand over a gift for Wayne's guidework during our June visit. Wayne, an ex-League member is now Network Manager for Satellite Operations.

Visitor Eric Duffy spoke on his experience as a technician with the old P&T Communications Department, servicing equipment around the country. A new member possibly?

Barry gave details of his band scanning which had brought him success, and he offered help to members who wished to indulge.

With the ending of the DX year coming up soon Daniel and Evan gave notice of their intention to resign, Daniel having an increased workload in his job in the travel industry and Evan having completed his 10 years. One or two members will be available for reelection with Maz Rota offering her services to keep members in touch with events up coming.

Next meeting will be the AGM, commencing 2 pm on Sunday 27 August at the Clubrooms, 3000 Great North Road, New Lynn, just past Whau Creek.

North Otago

August 10th meeting was held Basil Jamison's place with very good attendance. Discussion was held on a trip to Tiwai Point for a DX weekend towards the end of September. Should prove rather interesting.

Plenty of correspondence including a letter of thanks for donation of 3 books. Also we had a guest visitor, Danny Lewis, Manager of Radio Waitaki, who gave us a brief but very interesting talk about what he has done in his time away from the land of NZ. Catch u next month, Ray.

Southland

The October meeting was held at Lindsay Robinsons with about 8 in attendance. Lengthy discussions took place on the approx 35 page document from DOC with regards to the lease and annual rental of \$225 they want to charge us for the use of the farm house at Tiwai. Paul reported that he had purchased the new battery for Tiwai. Lindsay Robinson spoke on a membership drive and has offered to organise a promotion through one of the local FM stations. Further discussion followed about the falling membership and how much the demands of work requirements in todays world keeps DXers and the likes away from the hobby at weekends, nights etc. Thats the lot for this month. Cheers from the Southland Branch.

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coverage i.e. 150kHz to 30MHz. Price \$40 shipped anywhere in NZ. Please order from Paul Ormandy, 33 Greta Street, Oamaru 8901, tel 03 434 5931, e-mail paul@radiodx.com

TV/FM DX with interim editor "Yagi"

This column is in need of a permanent sub-editor to assemble news of FM and TV changes in New Zealand and Australia for the benefit of our membership. Please contact Chief Editor Andy Gardner editor@radiodx.com for details of what is involved.

NEW ZEALAND EXPANDED FM BAND UPDATE

First official user of the 101-108MHz FM range is Planet FM 104.6, the new identity for Access Radio Auckland. Station went on air Tuesday 1 August less than 24 hours after installation of its 1kw stereo transmitter in the Sky Tower. Access Radio 810AM is now only carrying a loop message telling listeners to retune to 104.6. 101.4 began testing in stereo on 1 August and mono relays of RNZ's National Radio commenced on 4 August. This is also a 1kw transmitter located on the Auckland Skytower. (Bryan Clark)

With the first broadcasters now using the 101-108MHz FM range, Graham Barclay, operator of several Hawkes Bay microbroadcasters has received the following advice from Ian Hutchings of the Ministry of Commerce about the availability of additional frequencies for low-power use:

"The 100-108 MHz band is presently not subject to a management right and therefore long term licences are not being utilised. Rather radio apparatus licence on a 1 year renewable basis are being used. Management rights will be considered once overall policies for the band have been agreed by Government. I can confirm that apparatus licences have been provided to Auckland Access Radio 104.6 MHz, (Skytower); Radio New Zealand 101.4 MHz (Skytower), and 101.5 (Whakaroa, Taupo). No licences have been provided to other Access stations in the band as you suggest. These are in terms of the Statement of Government policy of 23rd June, published in the NZ Gazette of 6 July. Actual provision of service is a matter for the organisations concerned. RFS 29 has been amended to prevent new equipment being approved in the 10.2-10.8 MHz band (sic), although existing approved equipment can still be utilised meantime. Such use does not have protection against any new licensed services that may be authorised in any event. Policies on whether or not a new band at, say, 107.5 MHz or thereabouts is to be facilitated have not been completed. This will take some months yet. I hope that this clarifies the present position." (Graham Barclay)

TAUPO CHANGES The Radio Network has purchased two Taupo frequencies, 91.6 FM (previously broadcasting as Taupo 91.6FM) and 95.95 (sic) (broadcasting as The Mix). The Mix will continue to broadcast in its other market, Rotorua. (E-Median Strip 8/00)

OTAGO CHANGES Lite FM 90.2 is now Solid Gold FM. Classic Rock 93.4 is now The Rock. The Edge is now on 91.8 in Dunedin. (Wally Singleton)

LOW-POWER STATION UPDATES

PULZAR FM After several month's of testing, Christchurch dance station Pulzar FM will launch officially next Monday on 88.3FM. Pulzar is the Christchurch equivalent of George (Auckland) and Firm (Wellington), New Zealand's other high profile dance stations, operating on low power transmitters in the 88 and 100 band, says Station Manager Andy Poulsen. With a focus on announcer-driven commercial dance cuts during the day, and DJ mix shows from

9pm each night (excluding Friday/Saturday, where the mix kicks off at midnight), Pulzar brings pulsing dance beats to central Christchurch. "Operating as a low power station has it's drawbacks in coverage, but listener loyalty and a slow rollout of satellite transmitters should give us a healthy standing in a hugely competitive radio market," says Andy.

SOUL FM Ross Levis runs a low-power FM station in Tauranga on 88.5Mhz. Address: Soul FM, 163b Kingswood Road, Tauranga. Website: <http://soulfm.cib.net>

TLC Radio (The Little Country Radio) on 100.2 FM operates from Otahuhu, Auckland with a power of 0.3 watts and a signal range of 4 to 6 kms. This country music format station is owned by Onthē Networks and operated by Friends of Country Music. email - tlcradio@onthe.net.nz Contact - Robert S Dew (Chairperson). Another LP Auckland FMer on 100.2 is playing mostly jazz and blues, name possibly 'Virtual Radio'. Location possibly Takapuna on the North Shore. Does anyone have a contact address for this? (Brian Horspool)

GROOVE 88.4 began transmissions in June from studios in Severn Street, Island Bay, one of the southern suburbs of Wellington. Format is emerging as 'cafe music' (a blend of jazz, lounge standards and blues). 24 hours with 300 milliwatts. Shortly to relocate transmitter to Brooklyn Hill for coverage of central Wellington and to become more commercial. Mailing address: PO Box 10989, Wellington. Telephone: 04-970-GROO. A good format that fits Wellington culture and should carve out a successful niche. (David Ricquish)

ARROW FM 88.5 has been operating with low power (range 8km) since 1 August from studios and transmitter located in the old Empire Hotel Building in Queen Street Masterton until November. At that stage they hope to get a frequency in the extended FM band with higher power from a transmitter site at Limeworks Hill, 15km east of Masterton. Currently 24 hours with local programming 0900 to 2200 daily. This is the reincarnated Access Radio Wairarapa, which has been off since Radioworks cancelled their use of the 2ZD 846 transmitter on Sundays. Address: P.O. Box 698, Masterton. (Tony King who hosts Going Places at 8pm Tuesdays, David Ricquish)

AUSTRALIA Star FM Dubbo 93.5 is now on air. Tourist Radio 92.5 Echuca/Moama (NSW) is also new. (Ian Baxter)

HELP WANTED I have started work on an updated FM list for the 2001 World Radio TV Handbook and for posting on the radiodx.com website. Anyone out there assist with the following FM queries? RadioWorks' networks "The Edge" and "Solid Gold" have begun broadcasting in Queenstown. Any frequencies known for these? Radio Hauraki and i98FM have been launched in the Hawkes Bay on FM frequencies previously owned by the Xtreme Group. Can anyone confirm frequency for each? (Bryan Clark)

English in Time Order with Yuri Muzyka

Time (UTC)	Frequencies (kHz)	Station Name	Station Country	Log Date	DXer Name
0016	13580, 15115	R Prague	CZECH REP	30/7	CC
0030	9855	R Vilnius	LITHUANIA	22/7	LMM
0130	9775	VOA	USA	17/7	IC
0140	21815	RFPI	COSTA RICA	24/7	IC
0200 - 0300	11760	BBC	UK	-	BW
0237	21815	RFPI	COSTA RICA	30/7	BDC
0300 - 0330	15335	R Sultanate of Oman	OMAN	-	LMM

0335	12005, 13675, 15400R Dubai	UAE	22/7	CC	
0335 - 0340	11600	? CZECH REP	22/7	CC	
0350	11705(USB)	R Habana	CUBA	22/7	CC
0353	17825, 21610	NHK R Japan	JAPAN	22/7	CC
0358	5825	WEWN	USA	22/7	CC
0400	7385	WRMI	USA	16/7	BML
0400	17745	RRI	ROUMANIA	11/7	RP
0404 - 0413	15420	BBC	UK	30/7	KVB
0425	5975	RAI	ITALY	29/7	CC
0438	6195	BBC WS	UK	26/7	KAB
0440	5975	BBC WS	UK	12/7	KAB
0440	11940	RRI	ROMANIA	7/7	CC
0444 - 0500	7120	BBC	UK	10/7	KVB
0446	6005	BBC WS	UK	12/7	KAB
0454	7125	V of Russia	RUSSIA	10/7	PGA
0500	9840	WSHB	USA	-	TTS
0500	11765	BBCWS	UK	-	BW
0500	17845	RCI	CANADA	22/7	RP
0505 - 0517	9470	Croatian Radio	CROATIA	10 & 17/7	CC
0530 - 0600	11760	NHK/R Japan	JAPAN	-	BW
0532	7415	WBCQ	USA	3/7	CC
0535	6005	BBC WS	UK	-	PGA
0547	6055	REE	SPAIN	-	PGA
0550 - 0600	7265	V of Nigeria	NIGERIA	24/7	IC
0600 - 0900	11755	HCJB	ECUADOR	-	BW
0630	15160	HCJB	ECUADOR	-	TTS
0750	9775	V of Greece	GREECE	29/7	RP
0800 - 0900	11765	KNLS (Test signal)	ALASKA	-	BW
0800 - 0900	11785	RRI	INDONESIA	-	BW
0850	4890	NBC	PNG	10/7	CC
0900	11730	CRI	CHINA	-	BW
0912	5745	WHRI	USA	22/7	CC
0920 - 0927	15330	KTWR	GUAM	22/7	???
0930	7510	KTBN	USA	22/7	CC
0937	5070	WWCR	USA	9/7	KAB
1000	5020	SIBC	SOLOMON IS	23/7	KAB
1005 - 1012	3385	R East New Britain	PNG	27/7	CC
1220	7130, 9610	R Taipei Intl	TAIWAN	19/7	CC
1227	12005, 15115	HCJB	ECUADOR	19/7	CC
1233	9885	R Thailand	THAILAND	19/7	CC
1236	9840, 12020	V of Vietnam	VIETNAM	19/7	CC
1238	7185, 9550	R Bangladesh	BANGLADESH	19/7	CC
1305	6130	Loa National Radio	LAOS	22/7	PWO
1400	11730	CRI	CHINA	-	BW
1515 - 1517	11690	R Jordan	JORDAN	2/7	CC
1530	9335	KSDA	GUAM	2/7	CC

1536	9890, 12075	R Nederland	HOLLAND	2/7	CC
1544	4910	AIR	INDIA	2/7	CC
1640	12055	VORWS	RUSSIA	-	AMQ
1700	13820	Voice of Hope	USA?	23/7	IC
1707	15210, 17605	RFI	FRANCE	13/7	CC
1720	11510	VORWS	RUSSIA	4/8	AMQ
1735	17590	RVI	BELGIUM	20/7	AMQ
1745	9645	VOA	USA	-	AMQ
1832	6100	R Yugoslavia	YUGOSLAVIA	21/7	PGA
1900	6020, 13700	RN	HOLLAND	24/7	KAB
1900 - 2000	11780	VOA	USA	-	BW
1912 - 1914	4915	R Ghana	GHANA	4/7	KVB
1917 - 1920	15400, 17830	BBCWS	UK	7/7	KVB
1930	3230	World Beacon	STH AFRICA?	22/7	LM
1931	5960	RVI	BELGIUM	16/7	PGA
1955	4810, 9965	V of Armenia	ARMENIA	22/7	LMM
1957	4810	?	ARMENIA?	9/7	PGA
2000	11790	CRI	CHINA	-	BW
2000	21590	R Nederland	HOLLAND	9/7	RP
2005	7265	V of Nigeria	NIGERIA	16/7	PGA
2006 - 2111	9525	VOT	TURKEY	19/7	KVB
2030	5975	BBC WS	UK	19/7	KVB
2030	11805	R Croatia	CROATIA	16/7	RP
2128 - 2130	9705	VOA	USA	26/7	KVB
2157	11775	Caribbean Beacon	ANGUILLA	-	BW
2159	6040	VOA	USA	20/6	KAB
2207 - 2209	11715	AIR	INDIA	26/7	KVB
2315	9900	R Cairo	EGYPT	-	LMM

ADVENTIST WORLD RADIO

New Millennium Edition of Annual Wavescan DX Contest – Sept 2000

"New Millenium DX Contest" QSL Stamps

Adventist World Radio announces the full details of its New Millenium edition of the yearly DX contest, which is a regular event in the annual calendar of the global DX program, "Wavescan". Listeners are invited to check their files to discover who has amassed the largest collection of AWR QSL stamps. Listeners are also invited to check their QSL collection for various designs and styles and details of QSL cards issued in earlier years for AWR broadcasts over Africa No 1 in Gabon, and from Union Radio in Guatemala. Additiional bonus points may be scored by providing three radio cards, and by submitting a reception report on an AWR transmission.

The world winner for the AWR "New Millenium DX Contest" will receive the 2000 Bronze. Additional continental winners will receive a copy of their choice, either "Passport to World Band Radio 2001" or "World Radio TV Handbook 2001". Several hundred additional awards are available.

All entries must be postmarked in September 2000, though in some cases, early entries will be accepted.

Contest Requirements - Summary

- PART A: AWR QSL stamps, all different.
PART B: 1. QSL cards from AWR via Gabon, all different.
2. QSL cards from AWR via Union Radio Guatemala, all different.
PART C: Suggestions for future AWR DX contests.
PART D: Submit 3 radio cards.
PART E: Submit reception reports on AWR transmissions.

Contest Requirements in Full Detail:

PART A: AWR QSL STAMPS

How many different AWR QSL stamps do you have in your collection? Each stamp must be different, and each stamp must be supported by an AWR QSL card, one card per stamp. You may count the old series of AWR QSL stamps as well as the current series. Each QSL stamp must contain, in the white panel, a printed or rubber stamped or hand-printed identification or a year.

PART B: AWR QSLS FROM AFRICA & GUATEMALA

1. How many different QSL cards do you have in your collection from AWR Africa during their era of broadcast from Africa No 1 in Gabon? Please submit photocopies of each different card.
2. How many different QSL cards do you have that verify AWR broadcasts from Union Radio in Guatemala? Please submit photocopies of each different card.

PART C: FUTURE DX CONTESTS

Over the years, we have conducted a great variety of different kinds of DX contests. Now it is your opportunity. What are your suggestions for a DX contest? You may list several suggestions.

PART D: RADIO CARDS

Where possible, please enclose three radio cards for the AWR Historic Collection. These may be old or new or blank QSL cards, or old or new radio postcards. Not valid for this contest are amateur QSL cards nor CB QSL cards.

PART E: RECEPTION REPORTS

Please enclose at least one reception report of an AWR broadcast on shortwave. Additional reception reports will be welcomed, and each will be verified with an AWR QSL card. However, additional reception reports will not increase the contest score.

THINGS TO REMEMBER:

1. All entries must be postmarked during the month of September and received in Indianapolis before the end of October, though in special cases, early entries will be accepted. Late entries will not be entered into the contest though the reception reports will be verified.
2. Where possible, please provide a self-addressed business size envelope, and return postage in an acceptable form of international currency or stamps or IRCs.

3. The only address for contest entries is the AWR DX office in Indianapolis: Box 29235, Indianapolis, Indiana 46229, USA

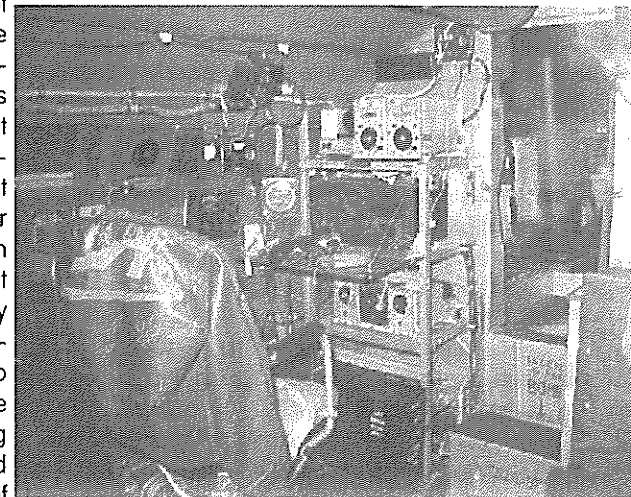
(Sub-Ed's Note: New Zealand SWLs have featured prominently in the prize list of previous AWR Contests. Help to maintain this fine record by starting to prepare your entry today)

The Radio Station of B26 Marauder 'Flak Bait'

Flak Bait, served with 449th Bombardment Squadron, 322 Bombardment Group of the US Airforce and flew from England. On D Day it flew two missions and was then based in Northern France. During a two year period it had 1000 holes shot



into it. The hydraulics were shot out twice - on two separate missions. Surviving these catastrophes on another mission its electrical system was shot away. Later, on another mission one engine was shot away. Although on yet another mission it limped home with an engine blazing. Overall Flak Bait flew 202 missions over enemy territory. Welcome to your wireless station! Your role will be to communicate with base throughout the mission using morse code. You will be asked to help in rescuing the plane if danger comes! For protection from flying bullets we have given you a thin sheet of aluminium. Enjoy the flight!



Listening With The Third Ear by Stephen Meynell

This little article has taken a long time to mature. And that's because I wanted to find easy ways of using the computer most of us have. I really had to think hard about this one! I know that computers are a big switch-off for a lot of people - but hang-on: how would you like to pick up morse you can't hear, or read RTTY or PSK31 directly, or fax? But, your family would not let you fiddle with their pride and joy? Don't have too! Personally, my wiring ability is shaky and I live in dread of upsetting the family Mascot - the Computer!

We have a three year old Packard Bell 'MultiMedia' Computer - pretty standard set-up with two speakers CD drive (busted) etc. Its a wiz at decoding RTTY and PSK31 and bril at visualising CW. About a year ago we put it onto the Internet with the aid of an Internet Disk from Dixons (they don't charge for these - just ask) or Tesco's.

What makes the difference is the programs I have installed into it. These are easily fetched by asking the internet search engine to locate them by name. You will have to have

a program to unzip the download - and that can also be located and downloaded from the internet. All free of charge !

If you are not on the Internet - then why not give it ago ! It is not difficult, expensive or dangerous at all.

Before you send for the programs, create a folder on the Desktop to receive them all. Also create another folder to put the 'unzipped programs' - you can call in 'My Radio' - or some such name.

When they arrive - the computer will ask for the destination folder. Use the mouse to find and open you arrival folder (the 'My Radio'). After all is received - you will see in the folder some 'zipped' (computer speak for compressed) files. At this stage - if you don't have an unzip program, download a copy of ZIPCENTRAL file onto the computer, by asking the search engine for ZIPCENTRAL.

The first program to install is TruTTY by Sergei UA9OSV - this absolutely fabulous program will decipher RTTY and PSK31 giving a read out on the Computer. It includes a Station Monitor on the screen as well as an oscilloscope to view input. The program asks for a wire connection to the radio - but instead of that we will be using the computers' own microphone. My one here is a flimsy affair made from recycled yoghurt pots I think; but when plastered onto the loudspeaker grill of the radio with blu-tac - it is very sensitive and does the same job as the wire.

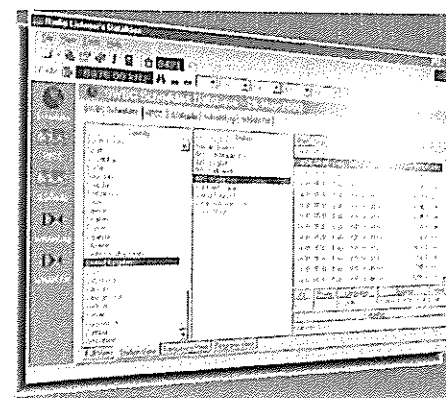
RTTY and PSK31 are mainly on 14.065 mc/s to about 14.09 mc/s. RTTY has a deedle-deedle tone and PSK31 sounds a bit like a coin rolling over a thin topped table. PSK31 is a newish mode for data and can cover vast distances rather like morse. That's because the signal is very narrow - less than 100 c/s wide. Both modes are used mainly for casual qso's and it is easy to eaves-drop on qso's between Russia and Spain or The United States. To set the rig, use Upper SSB and set the filters to fairly narrow and search the frequencies 14.065 and up. With the program running, you will see on the 'Station Monitor' a peak (that's the station) then cover it with the pointer and click the mouse. The tuning line will then jump to the signal and clicking on the AFC on the program will keep it on station. Suddenly, you will see the message appear on the message window. The microphone volume may need adjusting - just click the loudspeaker icon at the bottom right of the screen will bring that up. Success !! RTTY is very similar but uses Lower side band SSB. The Station Monitor now shows the station as 'twin peaks' again plop the tuning pointer in the middle and click the mouse, engage AFC and off you go. If you are lucky you can listen to NAVTEX weather broadcasts on 518 mc/s RTTY.

Firstly, create a folder and call it TTY. To install TRUTTY click on it in the 'My Radio' folder. ZIPCENTRAL will then come up. Click on 'Expand' and it will ask for a destination folder - give it the TTY folder. When the expansion is finished, close ZIPCENTRAL and open the TTY folder and click on the 'install TRUTTY' program and it will install okay. Brilliant !!

We are all lucky that people in the Radio Community will offer their program's to try free of charge. The programs must represent their life's work or experience and much work and advanced mathematics. The next program uses Fourier transformations to analyse sounds. These transformations are so complex my head is dizzy ! The program is very interesting way of 'seeing' sound. Because of its visual quality it renders morse into actual lines and dots on the screen. It checks your Radio's filters - it showed me that my narrow filters 'ring' a bit. RTTY looks like two very close morse stations while PSK31 looks like thousands of very close dots. Again input is via the Computer Mic. This program is called GRAM426 and is

compressed into a file called GRAM. You will need to make a folder called GRAM for this one as it does not install into the program folder. After you have 'zipped' the program use the GRAM folder as destination.

When you start the program you will see spectrogram. Now you are in for a real treat as this is dazzlingly clever. Press F4 or open the file menu and click on analyse input. 'Okay' the set up page. You will see a blue river flow across the spectrograph of your computer microphone input. If morse is present you will see the dots and dashes. As you adjust your Radio so the 'river' of sound changes. Scream top is for higher frequencies and lower part is for deep sounds. The colours denote intensity. This program needs some experimentation - but is really informative on what is inside the sounds. This is interesting - isn't it !!



Now what about FAX. I have added WXSAT for you to look at. This stunning program will decode FAX pictures and text; possibly including Satellite Weather pictures. Some of these Satellite Wx pics are rebroadcast onto HF for the use of ships at sea. Short Wave FAX is broadcast using FM mode. This can be picked up with your rig set to Upper SSB. Tune 1.9 Kc/s lower than the advertised frequency to get the carrier. Just before the picture a start tone is transmitted - this starts things going. It ends with a stop tone. Weather charts are broadcast black and white. The trick is knowing when and where to listen. I include files of times kindly prepared by Marius.

Personally, I did not have much luck with FAX - but I suppose its only a matter of finding the frequencies.

Another program is BeaconSEE. This program will listen to beacons on various high frequencies and graph out what it hears. This is one of my favourites. This opens the World of Beacon Monitoring. It can be programmed to jump bands if you own a compatible Radio and don't mind connecting both with a RS 232 cable. Again it works at audio output - the computer microphone will work fine - just use lots of Blu-Tac !

All of these programs have bags of 'help' in the hep file and should give endless fun. If you want to delete them from your Computer don't forget to do it from the 'Settings' menu add/remove programs if you can. Otherwise use the 'find file/ folder' to find the programs and delete them with their folders. Some are shareware programs and demo's - and I am sure that when registered they are even better.

Many 73's and good luck Stephen PS: Next month I will show a way to wire up the computer for Radio Excellence. And that's without risking that precious pile of transistors - the Computer !!

Welcome to the Continents Listings for August 2000. A special welcome back to Sutton Burtenshaw.. Good to hear from you again Sutton. No featured continent this month but the next revision will feature Asia.

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	494	83	233	119	421	61	5	73	139	1489	
SUTTON BURTONSHAW336	62	36	38	316	47	3	121	?	?	959	
DAVID RICQUISH	417	88	6	19	193	8	0	46	64	777	
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	5	21	296	
ANDY Mc QUEEN	219	23	0	1	42	4	2	3	35	294	
JACK SEARLE	171	31	3	7	75	4	0	2	16	184	
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	259	113	173	832	235	520	225	2373
JACK SEARLE	184	2	113	120	115	192	996	135	473	207	2330
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	556	324	320	234	1600
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 GULBRANSEN2			15	15	7	29	56	13	36	72	193
GEORGE BEARDSMORE4			4	15	3	8	47	19	28	68	128
MARK NICHOLLS	33		9	7	4	10	23	5	31	55	122

My apologies for not for warning you of this months update and also to Gunter Jacob I have lost your update amongst all my correspondence. 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

League Ladders with Peter Grenfell in Oamaru

Thanks for all contributions, it's always a pleasure to receive your new totals. The ladders are a great way to create a D.X. challenge for yourself and also for your fellow D.X.ers. A very warm welcome to Leigh Morris now joining us.

MEDIUM WAVE OPEN (Over 500)	QSLs	INC	CNTS	SHORTWAVE OPEN (Over500)	QSLs	INC	CNTS
Laurie Boyer	3972		137	Ian Cattermole	3899	88	197
Keith Robinson	2929		157	Jack Searle	2330	15	207
Paul Ormandy	1484		139	Laurie Boyer	1750		183
Sutton Burtenshaw	959	16	102	John Campbell	1612		260
George Beardsmore	802		61	Paul Ormandy	1600		234
Bryan Clark	673		120	Bryan Clark	1545		236
Mark Nicholls	643		67	Lindsay Robinson	1420		169
John Campbell	641		129	Brian Withers	1297		128
Paul Aronsen	529			Mike Smith	1218		133
Lindsay Robinson	524		56	Leigh Morris	1065		233
SENIOR (301-500)	Peter Grenfell	443	37	Ross Gibson	1055		162
Stuart Forsyth	413	39		Graeme Dixon	916		117
Brian Withers	411	51		Paul Peacock	845	4	123
INTERMEDIATE (151-300)	Paul Aronsen	733		Peter Grenfell	653		133
Jack Searle	295	1	35	Ian Wells	582		133
Andy McQueen	295		21	SENIOR (301-500)	Bernd Henning	372	90
Robert Krijger	228	13		Andy McQueen	368		103
Mike Smith	194	18		Bob Boundy	400		91
Paul Peacock	193	16		Chris Elliot	301		78
JUNIOR (5-150)	Ian Wells	108	15	Stuart Forsyth	283		87
Adam Claydon	71		4	Arthur de Maine	260	10	90
Arthur de Maine	51	1	10	Ashley Gulbransen	193		75
Chris Elliott	15		3	Keith Robinson	190		181
FM-TELEVISION	Brian Withers	899	9	George Beardsmore	129		68
Robert Krijger	678		6	Adam Claydon	123		40
Bryan Clark	148		5	Mark Nicholls	121		55
Paul Ormandy	110		5	Daniel Bloomfield	13		11
Paul Peacock	65		2				
Adam Claydon	49		1				
Mark Nicholls	42		2				
Mike Smith	33		2				
Andy McQueen	29		2				

Peter Grenfell, 1 Stour Street, OAMARU.
PH/FAX (03) 4345907

NEW ZEALAND RADIO DX LEAGUE (Inc.)

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

The NZRDXL is administered from Auckland by:
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