



New Zealand DX Times

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<http://radiodx.com>



talkback@radiodx.com with David Ricquish, Wellington

Paul Ormandy, Oamaru enters the debate on e-QSLs and says 'I've been sending reports and getting QSLs using e-mail for over 2 years. From a DXers point of view, it's quick, convenient and cheap. From the stations' point of view, it's quick, convenient and cheap! I have many QSLs from stations I had previously sent several followups, US\$1 notes, stamps, IRCs, etc all to no avail. It circumvents mail theft, and station staff find it easy to hit 'reply' and s are not always just e-mails - many have MS-Word documents complete with graphics which print like a mailed letter. In my mind, the use of e-mail will spread to the point that some stations will only QSL via e-mail, and some DXers will only report stations by the same means.'

South Pacific DX Report hosted by broadcast.dx@radiodx.com editor Paul Ormandy can be heard on HCJB Ecuador during 'DX Partyline' on the 4th weekend of each month; over AWR during 'Wavescan' on the 3rd Sunday of each month; Radio NZ International during 'Mailbox' every two weeks on Mon/Wed/Fri; and over ZLXA Levin, New Zealand on 1602 AM, 3935/7290 SW on the 3rd Monday of each month at 0700/1900 UTC. Listen to RNZI 'Mailbox' on the Internet at <http://www.audionet.co.nz/ranz.html> for the latest version.

Leigh Morris, Morphett Vale, South Australia corrects some details about RRI Dili from last month. The AM outlet was on 684 (not 648) and the SW outlet on 3305 has been silent some years now. However, RRI Kupang in Western Timor is still operational on 3385 and is being heard regularly. Leigh says 'I'm hearing plenty of RAAF activity between Darwin and Dili on 8974 kHz' and adds that UNAMET has an interesting website at <http://www.un.org/peace/etimor/etimor.html> which includes audio links for UNAMET Radio.

From Christchurch, Ken Baird writes 'I recently came across an interesting website with details of proposals for digital SW broadcasting: <http://www.drm.org.html> which includes a draft standard you can download. Only two receiver manufacturers are involved, Sony (NZRDXL sponsor) and Sangean. "Media Network" on Radio Netherlands estimates a digital receiver will cost 30% more than present analogue models. A Sangean ATS 909 with digital capability should retail for about NZ\$600 and digital broadcasting is scheduled to begin in about 15-18 months. Watch this site with interest.'

Deutsche Welle and Radio New Zealand are increasing broadcasting co-operation. DW's 'Inside Europe' is now rebroadcast, and shortly DW's 'Asia-Pacific Report' will also be rebroadcast on AM and SW. Radio NZ is the first partner of DW to take the program feed entirely from the Internet. DW provides programs on its server in the MPEG3 format, and

Contribution deadline for Nov Issue is Wednesday Nov 3rd - PO Box 3011, Auckland

partner stations download them using a password. DW plans to increase this distribution system, especially in regions with poor satellite reception. (AVION Magazine). Indirectly, RNZI SW transmitters are now being used for rebroadcast of foreign programs.

Stuart Forsyth, Crowborough, England emerges briefly from the World Cup Rugby coverage to admit not having switched on the radio for a long time. This probably accounts for the lack of reports! However, he's importing a special kind of cleaner from NZ to fix the problem. More about that next month!

Continuing to clean up good SW websites for us is **Phil van de Paverd, Auckland**. This month he recommends several for frequency details, program guides and other useful SWL tips, including: www.whri.com (World Harvest Radio); www.dr.dk/rdk (Radio Denmark - who, after many years, are now issuing QSLs again); www.radiosweden.com or www.sr.se/rs (Radio Sweden); www.irib.com (Radio Iran); www.radiohc.org (Radio Habana, Cuba); www.radio.cz or www.prague.org (Radio Prague) and www.hrt.hr/oiv/index_eng.html (Croatian Radio).

Radio St Helena Station Manager, Tony Leo reminds us that Cable & Wireless has agreed to a final worldwide transmission from Radio St. Helena on 11092.5 SW from 1900-0000 on October 23. He says 'there will be lots of Radio St.Helena giveaways, competitions and much more, including audience participation, live.' Radio St.Helena contacts are: Tel: 00 290 4669; Fax: 00 290 4542; mailing address is Radio St.Helena, Jamestown, St.Helena, South Atlantic Ocean; and website is www.sthelena.se as recommended by Matt Francis in Canberra last month.

Keith Barton, Ingle Farm, South Australia checks in briefly with comments 'DX Times here yesterday. Good information! The DX club scene in the South Pacific is back to the situation before 'Southern Cross DX Club' started in 1973. I'll have a look out for activity regarding East Timor and keep you posted.'

From Auckland, **Bryan Clark** carries on with the 'Southern Cross' theme: 'Food for Thought. The following is taken from a front-page editorial by Jerome van der Linden in the final issue of Adelaide-based Southern Cross DX Clubs magazine "DX Post". Factors in the decision to close the club after 24 years were given as: (1) there are many other hobby interests appealing to the public such as computers, Internet, videos, satellite TV etc; (2) it's no longer amazing to the younger generation that one can receive a radio signal from the other side of the earth, albeit by means of different technology. It's significant that our hobby no longer attracts young people; (3) the club has been operating with very few people providing the resources to keep it going, and some of us were no longer prepared to continue in that role.' SDC had just over 70 members when it folded - the NZRDXL has many more times that number. But, in the 1970s, we topped 750 members. Is the hobby in terminal decline? The statistics suggest so. What are we doing about it?

Radio's Bright Future a major theme of a recent UNESCO Courier magazine, contributors comment: 'Radio, which recently celebrated its centenary, is widely undervalued. People tend to forget how far it helped shape ways of thinking in the 20th century and to minimize the role it's earmarked to play in the 21st century. Radio blazed the trail for TV and today's information superhighways. It has a glorious past. But, no future? It is a fact that old habits are going by the board, and familiar landmarks are disappearing. But the further our antennae extend and the further afield we look, the greater our need for roots. Radio will go on providing people with the freedom to make their own considered personal choices from an increasingly wide range of possibilities.'

I'd like to give away this copy of The UNESCO Courier (with major articles on radio history, shortwave to satellite, and many others). All contributors to the next 'Talkback' who send in ideas for growing our hobby and the NZRDXL automatically qualify to go in the draw to win. To start the ball rolling, think about this: we already have hundreds of members who actively participate in the NZRDXL, simply by their subscription and membership! These are the unsung supporters who give of their funds and their time and interest to read the magazine each month. Those of us who do report our news and views owe these supporters much for giving us an opportunity to share our hobby with them! Thanks everyone!

The **AGM** takes place this month. Perhaps next year, remits and agenda items will be reported in the magazine beforehand, so members have a chance to participate in decisions. Branches no longer represent a majority of members. International members contribute regularly to these pages, and many members live in areas without active branches.

I've contributed some agenda items to the AGM including: 1. that all members of disbanded Australian ex-SPARC member clubs be invited to find a new club and magazine home with us here at the NZRDXL; 2. that we recognise our monthly journal has a very bright international future (especially when the electronic version is released) and we rename it '*Pacific DX Times*' to reflect its broader role in the worldwide DX scene; 3. that we strengthen our heritage as a club with a permanent Heritage Committee to protect and promote our Pacific radio history and that of the NZRDXL before old documents, QSLs and other memorabilia are lost. Many members could contribute to the activities of such an ongoing committee, with regular articles and research in the DX Times and elsewhere in the DX world.

Away from these issues and back to the dials. This month, we've been enjoying our local Access Radio 783. Most members in Australia and New Zealand can hear this 10kW station - it puts a good signal into the South Pacific as well! On air for almost 20 years, Access Radio has programs in over 30 languages. There are similar Access stations on AM and FM throughout the country. Listeners to these stations are interested in global music, politics, art, sports and culture. In fact many of their listeners, would probably be interested in hearing about our hobby.

That's why, as a member of Access Radio 783, I'm offering to underwrite the cost of having Paul Ormandy's South Pacific DX Report broadcast throughout 2000. I invite members in other centers to underwrite the program on their local Access radio stations, and on community broadcasters in Australia. This is a practical way to tell others about our hobby, the DX Times, and the NZ Radio DX League, and a great way to gain and maintain members. Perhaps Sony NZ would extend its already generous support for the League and share these costs so that more stations can be added to the network, and the program have extended airtime.

Let's have your news and views on these and other issues. I'll be back next month with more idle chit-chat. Remember, e-mail us at talkback@radiodx.com or mail us at PO Box 3011, Auckland. Ciao.

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

Very little in the mailbag this month but some nice verifications are in. Let's hope for more next month.

David Norrie has CKZN 6160 St Johns Newfoundland. By e-mail after 3 months, Radio Wonderful somewhere in Southern Europe 11470 500W and Stafford Broadcasting via Skelton.

Great stuff David

Bryan Clark, Auckland has a lone QSL from WSHB 18910.

Lindsay Robinson, Invercargill has been having a ball with Latins and the odd African, with 15 reports out. Veries in SWRS Italy 7590 200W, Radio Korea via Canada 11715.

Paul R Peacock, Blenheim, Austria 6155, China 15210, Germany Radio Canada 6145, R D Welle Netherland Antilles 15105, South Africa TWR 11735.

Jack Searle, Haumoana, D Welle via Trincomalee1195, KSDA Guam 17635, Radio Romania 9510 and 11810, VOIRB 13745, Radio Difusao Portuguesa 17600.

Leigh Morris, Morphett Vale, South Australia has Farmers Radio Netherlands 6285, Shortwave Relay Service Italy 11470.

Paul Ormandy, Oamaru, Spaceman Radio Netherlands 6260.

Best of Month Over 9 MHz - David Norrie Radio Wonderful 500W, 11470 .

Best of Month Under 9 MHz - Lindsay Robinson, SWRS Italy 7590 200W.



bandwatch.under9@radiodx.com with Ken Baird

Please note that all frequencies should be in Kilohertz, time in UTC (= GMT = UT), # indicates reception report sent. For reasons of accuracy some positive ID from the station heard would be desirable, otherwise the ID of the station heard should be shown as tentative. Similarly for languages - either IDed, Presumed or Unid. Also, would you please add the date of logging to your information.

KHz UTC Country, Station, Programme, & Reception Details

3355 1100 PNG, R Simbu reactivated after 12 months with pidgin news — BDC
3385 0945 PNG, R East New Britain with usual mixture of EE and Pis Tokin, with pop music. At present assumed, if ID heard will advise — DN 17/9
3385 1100 PNG, R East New Britain good with pidgin news — BDC
3935 1015 NZ, ZLXA v good with relig prgm — TTS
3945 0900 VANUATU, R Vanautu very good — NMK 10/9
4775 1030 PERU, R Tarma poor/fair in Spanish with ID and transmission details in EE, bad QRN — CC 22/9
4789 1150 INDONESIA, RRI Fak Fak with Indonesian type music & ID at 1209 — KAB 11/9
4790 1758 PAKISTAN, Axad Kashmir fair in unid language with indig singing and ID, rather scratchy — CC 19/9
4824 1035 PERU, La V de la Selva fair in Spanish with comment, music and ID — CC 9/9
4830 1010 VENEZUELA, R Tachira fair in SS w/ ID at 1013 then music, noisy — CC 9/9
4845 1210 BOLIVIA, R Fides poor in Spanish w/ comment and music, ID 1214 — KAB 11/9
4890 1215 PNG, V good w/ pop music in EE, NBC Port Moresby, ads for PNG — KAB 11/9
4890 1200 PNG Port Moresby v good with music prgm — JSB 11/9
4890 1040 PNG, Port Moresby good in EE with music and time — CC 9/9
4940 1225 CHINA, V of the Strait (PLA) in CC w/ classical style Chinese music — KAB 11/9
4960 1230 VIETNAM, V of Vietnam w/ comment on Vietnam in unknown lag - KAB 11/9
4960 0910 VANUATU, R Vanuatu excellent — NMK 10/9
4965 1853 ZAMBIA, R Christian Voice fair in EE w/ relig prgm, ID at 1900, noisy — CC 19/9
5030 1314 BHUTAN, BBS fair in EE with news to close at 1358 — BML 5/9

5070 1235 USA, WWCR good in EE with ad for book "50 Ways to Improve Your Listening" to USA address, ID 1235 - KAB 11/9
5077 0524 COLOMBIA, Caracol C good in Spanish with references to Caracol — CC 19/9
5220 1700 CHINA, CRI fair in EE // 7405 — BML 24/9
5810 0528 USA, KAIJ good in EE with relig prgm — CC 31/8
5859.2 1050 PERU, R Nueva Cajamarca heard on LSB, fair but v poor audio, lively music and numerous IDs — DN 15/9
5925 0530 CANADA, R Monte Carlo with AA rel. via Sackville, num. IDs, v good - PRP #
5950 0730 USA, R Taipei Intl via WYFR good with Mailbag prgm — TTS
5955 0459 NETHERLANDS, R Netherlands with IS, ID, Transmission details — CC 6/9
5965 1000 CANADA, BBC WS via Sackville//9740 frm Singapore, East Timor nx — JSB 11/9
5975 1200 JAPAN, NHK/R Japan v good w/ news and variety show in JJ — JSB 11/9
5975 1608 STH KOREA, RKI good in EE with news and ID — CC 7/9
5985 0900 USA, R Marti vgd w/ nx & mx & no interference frm R Havana Cuba - JSB 11/9
5995 0507 CANADA, RCI good in EE with ID and news about Canada — CC 6/9
5995 0511 CANADA, RCI gd in EE with news, weather, ID // 7295 via UK as gd - CC 20/9
6015 0630 AUSTRIA, R Austria v good in EE — JSB 11/9
6020 1100 AUSTRALIA, R Australia v good in EE with news and classical music — JSB 11/9
6030 0600 BRAZIL, R Globo v good in Spanish with music and comments — JSB 11/9
6055 0500 SPAIN, REE fair/poor in EE — NMK 10/9
6065 1930 SWEDEN, R Sweden fair in EE with 60 Degrees North — KAB 16/9
6065 1730 SWEDEN, R Sweden in EE with 60 Degrees North. Fair with QRM from BBC Singapore — KAB 17/9
6065 1100 JAPAN, BBC WS via Japan v good with top 10 Countdown, 1130 same in Chinese — JSB 11/9
6090 0620 ANGUILLA, Caribbean Beacon poor in EE with relig prgm — KAB 1/9
6110 0505 CANADA, R Japan with EE relay with news then Weekend Break — PRP #
6110 0515 JAPAN, NHK/R Japan good in EE — NMK 12/9
6115 0800 PERU, R Union v good with music and intros in Spanish — JSB 11/9
6115 0630 ?? Unid excellent in Spanish — NMk 12/9
6130 0640 CANADA, CHNX in USB w/ ID & Halifax wx, poor with pop music — BML 16/9
6140 1200 URUGUAY, R Monte Carlo v good with music with Spanish intros — JSB 11/9
6150 1200 SINGAPORE, R Singapore v good with classical music and info about composers — JSB 11/9
6153.4 1030 INDONESIA, RRI Biak with firm ID as it went into news, fair — DN 15/9
6155 0446 AUSTRIA, ORF Austria good in ee with German from 0500 — PRP #
6160 0700 CANADA, CBC R. Vancouver CKZU vgd with nx and current events — JSB 11/9
6175 0645 USA, BBC WS via Delano v good with talk on waiters & waitresses — KAB 1/9
6180 1400 AUSTRALIA, R Australia v good with news about Dili and genetic engineering, better on LSB — JSB 11/9
6190 0530 GERMANY, Deutschland Funk fair with ID every 30 minutes — BML 14/9
6463 0926 PUERTO RICA, AFRTS in USB with National Public Radio, good — PRP #
6890 0438 USA, WGTG good on USB in EE with ID as Genesis Network, McKaysville, Georgia — DN 11/9
6975 0630 COSTA RICA, RFPI fair with country music prgm, ID 0632 followed by Voice of Wide World — KAB 1/9

6975 0524 COSTA RICA, RFPI fair in EE with ID and music — CC 31/8
 7130 0153 GERMANY, DW weak and fading in German with music and comment on auto-
 bahns — NMK 29/8
 7160 0640 ASCENSION IS, BBC WS good with African news in EE — KAB 1/9
 7180 1913 ALBANIA, R Tirana fair in EE // 9510 — BMI 17/9
 7230 0640 UK, NHK / R Japan relay with Japanese music // 5975, ID 0643 — KAB 1/9
 7230 1901 BOSNIA HERZGOVINA, R Yugoslavia good in EE with ID and news item about
 KLA disarmament — CC 19/9
 7255 0625 BOTSWANA, Botswana Radio fair with African local nx in EE, ID 0629 - KAB 1/9
 7300 1820 CIS, V of Russia in EE with preview of weekly prgms, fair — PRP #
 7305 0330 VATICAN, R Vaticana gd w/ special message from Pope, ID 0350 - NMK 26/8
 7405 1300 CHINA, CRI v good with classical chinese music set to folk tale — JSB 11/9
 7415 0500 USA, WBCQ w/ mx, running extended schedule Sundays till close at 0759 with
 ID - BDC

CONTRIBUTORS FOR THIS MONTH

BDC — Bryan Clark, Auckland, ICR70, Alpha Delta Sloper : BML - Bill McLeod, Christchurch, NRD 545, 60m wire, 12m vertical: CC - Cliff Couch, Paraparaumu, ATS 803A, 60m horizontal loop, 26m wire with Balun: DN — Dave Norrie, Auckland, AOR 7030, T2FD, 25m longwire with balun, 12m vertical :JSB — Jon Standingbear, Beaumont, California, USA, Drake SW2, Off centre fed dipole 44ft/66ft: KAB - Ken Baird, Christchurch, R5000, ATS 909: 15m wire, Eavesdropper: NMK - Neville Mc Kenty, Napier, R70, NRD 545, Sloper, DXSW Listener:PRP — Paul Peacock, Blenheim, Sony 6800, SWListener: TTS — Tristram Speedy, Auckland, 7700 N/S 55m wire plus others.

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

bandwatch.over9@radiodx.com with Andy McQueen

Hello from Trentham where the Army Range is all quiet again All the firepower must have shifted to Dili

A special welcome to new contributor Philip Van de Pavard from Auckland and Leigh Morris checks in from Sth Australia with stations I haven't seen reported here before such as Angola and Equitorial Guinea Also check Ken Bairds column next month for his logs from Namibia Mozambique and Ghana.

IMPORTANT Some interest has been expressed in having stations listed in time order instead of the present frequency order !!! Which way suits you best ?? Can you PLEASE let me know as either way suits me !!! All times are UTC which is 13 hours behind NZ Daylight Saving Time.

KHZ TIME COUNTRY STATION & PGM DETAILS INITIALS

9370.8 0535 USA WTJC Newport Nth Carolina New station noted testing 24/9 then again 29/9 from 0635 to past 1000 Relays Fundamental Broadcasting Network FBN with USA Radio News at 0800 1000 Full Id w/ phone and e-mail contact at 0900 #BDC
 9430 2145 SWEDEN R Sweden Good with Nx and Topics 24-26/9 PVP
 9435 0500 ISRAEL Kol Israel Good with Nx sports results and mx closes at 0515 17535

9525 0115 INDONESIA V of Indonesia Jakarta Weak in EE with political commentary // 11785 3/10 LMM
 9525 1936 PHILIPPINES VOA V/good with Communications World AMQ
 9535 2150 GREECE VOA Kavala relay Good with News 24- 26/9 PVP
 9552.2 0730 INDONESIA RRI Ujang Padang Sulawesi Fair in Indonesian with ID and Krunjong Mx 2/10 LMM (Is Sulawesi a separate radio country ?? - Ed)
 9565 1900 ?? ?? VOA Good with 5 Min News then Judy Masa's Border Crossings pgm also on // 9840 slightly better and 11970 excellent AMQ
 9570 0415 ROMANIA R Romania Int Good with pgm in EE HJS
 9570 1320 KOREA RKI Fair with Listeners letters pgm but some slight warbling QRM AMQ
 9580 0430 SERBIA R Yugoslavia Good in EE // 11850 #HJS
 9615 0850 ALASKA KNLS Good in EE with change of language at 0900 12/9 LNMK
 9630.1 0830 BRAZIL R Aparecida Good in PP till blocked at 0900 BML
 9635 2140 ALBANIA R Tirana Good in EE with news by YL & OM interspersed with music. Many refs to Albania 3/9 CC
 9645 1140 THAILAND VOA relay Good with the story of money laundering in Moscow and US Bank AMQ
 9655 1917 THAILAND R Thailand Strong with Id and talk about information by YL Some QRM// 11905 as good 19/9 CC
 9665 1900 ITALY RAI Int Excellent in Spanish 12/9 LNMK
 9700 1730 GREECE VOA Kavala relay Good in EE with the news that Indonesia will allow International peacekeepers in East Timor AMQ
 9720 1800 RUSSIA VORWS Good with news and Sport AMQ
 9721.7 0900 PERU R Victoria Lima Good in SS w/ Rel. pgm Time check & Id at 0930 1/10 LMM
 9715 1330 TAJIKISTAN R Tashkent Fair in EE with some fading // 15295 weak AMQ
 9760 1900 ?? VOA Good in English 10/9 WNMK
 9820 0521 CUBA R Habana Cuba Fair in EE with Id by OM and Music. Some QRM
 9865 1815 RUSSIA VORWS Good in EE giving daily pgm features but suffers splash from unknown stn on 9860 AMQ
 9885 1905 ?? ?? SRI Excellent in English 10/9 WNMK
 9895 1910 ?? ?? R Nederland Good in English 10/9 WNMK
 9955 1915 TAIWAN CBS Good in English 10/9 WNMK
 9955 2330 USA WRMI Miami Fair in SS with brief EE Id then Commentary 3/10 LMM
 11550 0900 TAIWAN R Australia relay in EE to Timor & Indonesia via CBS transmitter organised by Merlin Communications Same frequency relays RDP from Lisbon in PP and Tetum local Timorese language #BDC
 11560 1736 GUAM KSDA?? AWR V/gd in EE w/ Religion & Mx but unsure of location AMQ
 11565 2225 TAIWAN VOFC V/gd w/ Taipei Magazine Closes 2300 // 15600 24-26/9 PVP (Have they reverted to old station name. Do they not Id as R Taipei Int any more ? - Ed)
 11585 0345 ISRAEL Kol Israel Good in Hebrew with Nx at 0400 HJS
 11620 0345 TAJIKISTAN R Tajikistan 15 min EE transmission opens with full EE Sked . Heard through AIR in CC but is sometimes readable BML
 11625 0528 VATICAN CITY Vatican Radio Strong signal with bright music Interval signal then change to another African language 3/9 CC
 11690 0235 CHILE Voz Christiana Strong in SS w/ Male Vocalists with Id in between 14/9 CC
 11690 1600 JORDAN R Jordan Fair with Time Pips then Id & news in EE by YL 14/9 CC

11690 2015 GT BRITAIN RCI Skelton relay News then Earthwatch dealing with Gorilla poaching and US testing weapons in Nanoos Bay - Fair signal #PRP

11695 1740 NEW ZEALAND RNZI Good with music and Id then off 1750 and reverted to 17675 which was at much weaker strength 8/10 AMQ

11715 2100 INDIA AIR Panaji Poor mod. w/ GOS in EE #HJS (Does AIR give out QSLs? Ed)

11720 1904 BULGARIA R Bulgaria Strong with Id by YL in EE w/ local & world news 19/9 CC

11725 0212 ROMANIA R Romania Int Good with news and Id by YL in EE // 9510 the same Freq not listed in PWBR 19/9 CC

0214 EE to Nth America and to Pacific Euro topics ,folk mx Poor until 0240 then fair #PRP

11725 0900 TAIWAN Hearld of Christian Science with new relay organised by Merlin Communications with CBS Sidn on with interval signal In EE over co-channel brazilian Radio Noves de Pas Moderate splash from CRI Beijing Christian Science pgm was also carried on 11550 on 9/9 only BDC

11725 1750 ??? High Adventure Ministries Good with EE religion pgm originating from Wisagee Oklahoma USA but continuity announcer on the hour only gave Hereford England address AMQ

11734 2020 ZANZIBAR Sauti ya Tanzania Dole Fair in Swahili with easy listening mxbrief comments then S/off at 2100 3/10 LMM

11750 2000 ALGERIA R Algiers Int Gd with Id Nx headlines in EE and Pop Mx //15160 LMM

11785 0800 INDONESIA V of Indonesia Strg in EE with Fanfare Id pgm preview and Nx LMM

11835 0415 AUSTRIA RCI Mossbrun relay Good in EE #HJS

11840 1000 TAIWAN Herald Broadcasting Pan Pipe mx & Id in EE via Merlin comms 9/9 CC

11855 1935 ?? ?? RFE ? Excellent in unknown language 12/9 LNMK

11895 0410 ?? ?? R Free Europe V/good in Eastern European language with Id as "Radio European Libra" HJS

11900 1300 CHINA CRI V/good in EE with Asia / Pacific News AMQ

11940 1200 CAMBODIA V of Cambodia Phnom Penh Fair with Fanfare Id in EE and Folk songs with low level audio 2/10 LMM

11955 2130 ANGOLA R Nacional Luanda Strong in PP with Fanfare Id,Afro pops and PP mx // 4950 1/10 (Congats I haven't seen this one reported here before !! - Ed)

11965 0400 ?? ?? VOA Poor/Noisy with VOA Newsnow pgm HJS

11970 1900 ?? VOA Gd listning w/ "Border Crossings"pgm of mx mix // 12015 & 9840 BML

11990 1935 KUWAIT R Kuwait EE pgm "Martyrs & Kuwait about how Kuwait suffered at the hands of Iraq Good signal #PRP

12015 0400 ECUADOR HCJB Fair/Good with News & relig pgm HJS

12050 2250 DENMARK R Denmark Vgood in Danish with Share market prices 24-26/9 PVP (R Denmark uses transmitters in Norway - Ed)

12060 0335 SWEDEN R Sweden Good in EE with interview with Pop Mx artist AMQ

12095 1200 MONGOLIA V of Mongolia Ulaan Bator Strong in EE with Commentary on new currency issue 1/10 LMM

13605 1556 IRAN VOIRIB Fair with music & Id in EE but not listed at this time in PWBR 7/9 CC

13670 1730 GERMANY RVI Julich relay V/good with Brussels Calling also on 9925 Excellent 5910 weak but 11840 via Madagascar not there #AMQ

13690 0403 GERMANY D/Welle EE pgm to Africa with News Poor signal #PRP

13720 1000 PORTUGAL D/Welle Excellent in EE with News and weekend review 29/8 NMK

13750 2111 CUBA R Habana "DX Unlimited" with info on Dxing and letters Poor signal #PRP

13780 1015 GERMANY D/Welle Excellent with German Mx pgm 29/8 NMK

13820 0120 ?? ?? R Free Asia Fair with fading in Asian lang with comments and short Mx breaks EE Id 0125 29/8 NMK

13845 0130 USA WWCW Fair with fading in EE with religious pgm 29/8 NMK

15205 0503 ?? ?? VOA News with mention of Pres Clinton in Christchurch Fair #PRP

15125 0014 INDONESIA RRI Strong in Indonesian with Id by YL and music 19/9 CC 0215 Good with Indonesian spoken pgm HJS

15150 0839 THAILAND ?? VOA relay Good with Encounter pgm on China-US Relations AMQ

15150 2130 GT BRITAIN RCI Skelton relay At good level with with very rough audio #HJS

15185 2130 EQUATORIAL GUINEA R Africa Bata Fair in EE with Voice of Prophecy pgm Some QRM from VOA LMM (Congratulations!! This is the first time I have heard this station reported Do they QSL?- Ed)

15220 2000 SWITZERLAND SRI Fr/gd w/ News report in EE to Africa //17580 a bit better #HJS

15250 0230 SRI LANKA VOA relay Fair in EE with Id & News about Moscow explosions 14/9

15250 1900 SOUTH AFRICA Amateur Radio International Fair with special broadcast for World Amateur day ending at 1953 UTC 19/9 BML 1911 Meyerton with one offs special EE tx for South African Amateur radio organisation 18/9 Poor - fair reception BDC

15295 0430 MALAYASIA V of Malayasia Kajung Strong with Voice of Islam pgm commentary and easy listening music 3/10 LMM

15310 0024 SINGAPORE BBCWS Strg w/ BBC rprtr talking abt experiences in China 19/9 CC

15375 2300 CHILE Voz Christiana Good in SS with Id & contempory Christian MX 3/10 LMM

15385 1155 SPAIN REE French Mx with Id 1158 then EE from 0000 29/8 NMK 0020 Good with Visitors book and Spanish pop Mx groups AMQ

15390 1308 ROMANIA R Romania Int EE Nx of aviation accdnt that killed Greek PM Fr #PRP

15395 0045 THAILAND R Thailand Good with Id commentary social matters & wx in EE LMM

15415 2330 LIBYA SPLAJ Tripoli Good with Anthem Id and News in EE but spoilt by QRM // 15395 & 15435 absent 2/10 LMM

15485 1725 GT BRITAIN BBCWS Fair in EE with News pgm AMQ

15515 0400 AUSTRALIA R Australia Good with the News that Australian troops have landed at Dile Airport East Timor 19/9 AMQ

15530 0348 CZECH REPUBLIC R Prague Fair only till S/off at 0350 AMQ

15545 2230 CZECH REPUBLIC R Prague Fair opening in EE to Nth America // 11600 poor HJS

15560 2030 GERMANY AWR Julich Good opening in EE to Africa #HJS

15565 0358 NETH ANTILLIES RVI relay Weak in EE with Brussels Calling some splash from unknown station on 15560 AMQ

15630 0620 VATICAN CITY Vatican Radio Fair in EE 12/9 LNMK

17510 0044 HAWAII KWHR Strong but a litle distorted in EE with music and Id

17535 0511 ISRAEL Kol Israel Excellent in EE 12/9 LNMK

17575 2245 SPAIN REE V/good with full Id and SS mailing address HJS

17580 2145 AUSTRALIA R Australia Shepparton Good in EE HJS

17600 2100 PORTUGAL RDP Lisbon Strong opening and most of the day in PP for Timor 300 kw transmitter blocked 0400 but audible later till 1000 UTC BDC

17675 0915 NEW ZEALAND RNZI Technically stuck on this frequency for full transmission period 1650 to 1100 UTC since mid September Strongwith NZ v Canada Netball game The extended use of 16m band is good news for Kiwis in East Asia including Timor but

RNZI expect to return to normal frequency sked in early October BDC

1805 Fair with Sports News I only found them on this channel when looking up their web site. A Y2K problem ?? AMQ

17695 2210 CANADA RCI Good with talk about endangered species in the Rocky mountains 24-26/9 PVP

17780 0400 HAWAII KWHR Angel 3 S9 +30db in EE religion HJS

17860 1725 SOUTH AFRICA Channel Africa Weak in EE with financial news as part of the Newswest pgm then into PP at 1730 AMQ

17870 1300 SWEDEN R Sweden Good in Swedish AMQ

17895 1250 SWEDEN R Sweden V/good with the story of Swedish Chenography AMQ

17895 1840 USA VOA Poor in English to Africa TTS

18910 0930 DENMARK R Denmark Gd in Danish 24-26/9 PVP (Note Tx site is Norway - Ed)

21465 1130 FINLAND YLE/R Finland Good in Finnish with Nx and Mx 24-26/9 PVP

21610 2150 JAPAN NHK/R Japan Good in EE HJS

21770 1100 SWITZERLAND SRI Good in EE with Nx mx and talks to to Far East and Sth Asia Closes at 1200 24-26/9 PVP

21779usb 0400 AUSTRALIA Aust Defence Forces Radio with Nav. Com Star Canberra relaying 2JJJ Sydney for football finals Closed 0805 V/good 25/9 BML

21820 1158 AUSTRALIA R Australia New freq? Good with news items PVP

Many thanks to this months contributors. The # mark indicates a station has been reported. You are welcome to contact me either via P O Box 3011 Auckland or direct at 36A Brentwood Street Trentham Upper Hutt. E-mail: mcqueenandy@hotmail.com. If your hearing a station not reported here please drop me a line. 73's Andy McQueen.

Shortwave Exchange

AMQ Trentham Sony 6800 Ph 04 5274287/ BDC Bryan Clark Mission Bay Auckland BML Bruce McLeod Christchurch NRD545 + 60m wire and 12m vertical CC Cliff Couch 60m horizontal loop and 26m random wire with equinox balun / HJS - Jack Searle Haumoana Hawkes Bay Icom R71 100m longwire 19 & 60 m dipoles / LMM Leigh Morris Morphetvale South Australia Drake R8A & AOR 7030 With Alpha Delta Sloper / LNMK Nev McKenty from Lanarch's Castle Otago Sony 7600 + ANLPI NMK Nev McKenty Tamatea Napier NRD545 + sloper / PRP Paul Peacock Blenheim Sony 6800 PVP Philip Van de Pavred Dxing from Waipu Cove with 100 m groundwave wire at 30degrees / TTS Tristram Speedy Graham's Beach Waiuku Yaesu FRG 7700 with 55m N/S random wire WNMK Nev McKenty Wanaka Sony 7600 + ANLPI

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

An hour spent in re-aligning the T2FD has brought results on many utility frequencies. The other day I found reception outstanding on 11300 from early morning until well past mid-day. Listeners to this frequency will have noticed that most calls are from Control to Control, rather than from Aircraft to Control. This seems to be the rule in Africa where communications are atrocious.

Paid a visit to Air Navigation at Air NZ the other day and found a large number of manuals, and En Route Charts waiting collection. These will be mailed after 11 October to our regular contributors. They include ICAO document 8585 which lists all recognised Call

Signs and Countries of Origin of airlines. A most useful document. Enquired of the Section Manager regarding Waypoints, the five letter code which will be heard on an aircraft's report - these are not recorded in any manual but can be found on the appropriate En Route Chart. In some cases it is possible to follow an aircraft's route, say across the Pacific, by using charts. Unfortunately these are not available for Pacific routes. Guess they are not returnable to Air Nav Library.

Contributions should be sent to 14 Kia Ora Road, Birkdale, Auckland, unless reporting loggings for multiple columns, in which case they should be mailed to Box 3011, Auckland, for separation to respective Sub Editor.

3330 0930 CHU Ottawa Canada with time signals. BJ

3345 0630 ZKY5 Mountain Radio Service Whangarei. PP

4417 0830 Bluff Fishermens' Radio calling various vessels. PP

4417 1915 Bluff Fishermens' Radio with marine forecasts from various marine stations, Nugget Point, Tairua Heads, Whitianga etc. PP

4426 1000 VIM Melbourne with marine WX South Australia coast. PP

4426 1010 VIT Townsville with marine WX East Coast Australia. P

5547 0855 San Francisco/North West 932. 0853 FL 310. SC CJAK. EM

5574 1203 San Francisco/Unid. Posn. Make secondary 2869. Weak. NMK

5643 0737 NZ 52/Auckland. EM

5643 1925 Auckland/Air Force One (Presidential aircraft) Posn Faroa. SC AEMP. JC

5643 1957 Auckland/SAM 2800 (Presidential support) Posn Faroa. SC AKFP. JC

5643 1012 Auckland/Phillipines One. Posn 38S 180W at 1011. JC

5643 1012 San Francisco and Nadi/Canforce One reports crossing Tasman. JC

5643 1134 San Francisco/Canadian 6. Posn 54N 160W. Temp -4o. NMK

5643 1015 Kittyhawk 6147/Brisbane. Contact Brisbane Control 128.6. NMK

5643 1803 Nadi/Air Force One. Posn. BJ

5643 1925 Air Force One/Auckland accepts guard. BJ

5643 2035 Auckland Control advises aircraft AKL closed 2125 due arrival Air Force One. BJ

5643 0858 San Francisco working Evergreen 6987, Polar Tiger 81, Express 1. BJ

5667 0831 Unid/San Francisco. SC ABES. Call Anchorage 119.1. EM

5667 0911 San Francisco/North West 12. FL 310 at 0908. Request 330/350. EM

5667 0915 San Francisco/Polar Tiger 148. Request FL 310. EM

5667 0910 San Francisco/Alpine 002. Posn. Primary 5547. NMK

5667 0915 Federal 17/San Francisco. Cleared to FL 370. Call on reaching. NMK

5667 0852 San Francisco/Canadian 2. Posn. PP

6507 1008 VIM Melbourne with marine forecast South Australian coast. PP

6516 0635 Auckland Cruising Radio (Milford) to various vessels. PP

6604 1005 New York Radio Volmet. PP

6604 0455 Gander Radio Volmet. PP

6627 1011 Ship Simplex. Faint in EE. Not readable. EM

6628 0928 Continental 65/Santa Maria. Posn 41N 60W. EM

6628 0630 Santa Maria/American 68. Posn. PP

6628 0620 New York/Air Europe 5. Posn. PP

6628 0546 Santa Maria/Continental 2. Posn. PP

6679 0500 Honolulu Radio Volmet. PP

8764 0607 NMO USCG Honolulu. Marine WX Eastern Pacific. //6501. PP

8825 0924 KLM 742/New York. When able go to FL 360/370. EM
8825 1002 New York/Air Afrique 591. Posn 37N 40W. FL 330. Next 39N 50W at 1024. EM
8825 0937 American 69/Santa Maria. Go ahead. EM
8825 0846 Unid 6650/Santa Maria. EM
8837 0740 Lae/Moresby. No reply. EM
8837 0745 Moresby/MBN. Depart at 52. 22 Pax. Contact Moresby 123.4. EM
8846 0843 New York/American 950. SC CLMP. BJ
8846 0518 New York/Iberia 6124. BJ
8855 0825 Manaus/American 973. EM 0839 Manaus/American 905. FL 3270. EM
8855 0843 Manaus/Canadian 100. FL 370. -51o. SC GLJQ
8855 0906 N. York/Canadian 100. Lonez 0934. FL 330. EM 0930 Porto Velho/Varig 67. EM
8855 0931 Manaus/Varig Unid. EM
8867 0846 Pascua/Auckland. No reply. 0913 Tahiti/NZ 46. No reply. EM
8867 2348 Auckland/Orion 205. EM
8867 0211 Brisbane/Aussie 765. Maintain 310 for 350. EM
8867 0851 Tahiti/NZ 45. FL 310. Kavac next. Request F: 330. EM
8867 0428 Nadi/Elite 780. JC
8867 2045 Auckland/Japanese Air Force 001 on ground. SC check ABCQ. JC
8867 0201 China 15/Call Auckland at next posn. BJ
8867 0238 Auckland/Reach 4801. Posn. NMK
8867 0206 Auckland/Argentina 1180. Posn. Contact Auckland Control. NMK
8867 2238 Auckland/Unid 004. radio check from Christchurch. SC LPBF. NMK
8867 2235 Auckland/Reach 6EB. Request 13261. Primary unreadable. NMK
8867 2235 Nadi/Polar Tiger Unid. Posn. NMK
8867 0142 Auckland/Kittyhawk 6147. SC CLAF. NMK
8867 0143 Auckland/Reach 7474. Request Auckland WX. NMK
8867 0144 Reach 1633/Auckland. OK this frequency. Request 13261. NMK
8867 0235 Auckland/VH CIT. Departed Norfolk. Estimate Tekab 0350. NMK
8867 0250 Reach 6E7/Brisbane. Posn. Difficult to copy. Try 13261. NMK
8867 0252 Brisbane/Reach 709N. Posn. NMK
8867 1040 Nadi/Lauda 267. Posn. NMK
8867 1252 San Francisco/Reach 6531. Make secondary 5643. NMK
8867 2238 Auckland/Kingair 1881. Posn. NMK
8874 0512 Air Force AKL rxd Air Force Darwin and to maintain secondary watch. NMK
8879 1104 Air France Concorde 002/Gander with company message. JC
8879 1109 Gander/Speedbird Concord 1. Posn Santa Maria 030W. FL 500. SC BDAK. JC
8906 0904 New York/Tower 34. SC EFKL. BJ
8930 0424 Stockholm/Evergreen 545. BJ
8930 0526 Stockholm/Shamrock 6903 over Italy. Going to Liverpool as no crew Manchester. BJ
8930 0456 Stockholm/Viking 867. BJ
8942 1230 Unid/Singapore. What is your registration number. NMK
8942 1230 Singapore/Malaysian 2069. NMK
8951 0748 Tokyo/Cathay 084. Hong Kong to New York. B747 freighter. EM
8951 0749 Tokyo/Thai 773. EM
8951 0938 American 154/Tokyo. Cleared to Mach .84. EM

8957 0552 Shannon Radio Volmet. PP
9031 0330 AXF RAAF Sydney with Australian WX. NMK
10051 0528 Gander Radio Volmet. PP
11244 0542 This is Mainsail. How copy? PP
11300 0356 Tripoli/Cairo. Movement of Royal Air Maroc 251. Jeddah to Casablanca. EM
11300 0215 Tripoli/Cairo. We are calling Khartoum all night with movement LCR 116. C130. EM
11300 0510 Khartoum/Cairo. PP
13089 2130 USCG Marianne. WX South and South West Pacific. PP
13261 0259 Reach 6E7/Brisbane. Make this primary. NMK
13270 2310 New York Volmet. PP
13354 1908 San Francisco/United 45. Posn. PP
17904 2125 Viper 81/San Francisco. Cleared from Majuro Airport (Marshall Islands) to Kwajalein Airport. JC
18995 1200 SPW Warsaw. Announcements 12 secs long 2 per minute. Off 1210. PP

CONTRIBUTORS.

JC John Charlton Greymouth Kenwood R5000, 30 m wire NMK Neville McKenty Napier NRD 545, Icom R 70, AOR 2002, 60 ft antenna sloper, short wave listener, Discone D 130 BJ Basil Jamieson Oamaru Drake R 8, Kenwood R5000, Sony 7600G, Random wire PP Phil van de Pavard Auckland Icom R76, Icom R7000, Long wire, Discone EM Kenwood R5000 T2FD
Correction to September DX Times Utility Page - Stop Press - for United States National Guard read US Air Force.

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

Hi all. Hope everyone has been finding the warmer weather more amenable to staying up late and twiddling the dials a tad... reception on the X-band continues to provide plenty of inspiration. Hopefully, an article will feature in the DXT from Peter Cambers on the excellent results he has been getting from Radial Wire antennas. Phil Van de Pavard has beaten me to the gun and his comments follow below.

On the DX front, it appears that Puketapu R, Palmerston 954 have increased power as they are causing R Pacific, Hamilton some strife now. A new R Rhema outlet has appeared on 1233kHz and Classic Gold Tauranga 1521 is back on and I'm unable to report any locals having left the air... yet!

Lindsay Robinson, Invercargill spent 4 nights at Tiwai during the equinox and logged the following: Palmerston 954, WMIB 1660, KGIL 1650, KTBK 1700, WTTM 1650, WTR 1680, WRVM 1700, KDIA 1640 WJNZ 1680, XECMQ 1320. QSLs in from Radio Rhema 909, 963, 882 Radio Sport 558. Hows that, hi! *Not out!*

Chris Martin, Ormeau, Queensland " North American conditions continue to improve and strong signals have been noted some at semi local level. KTCT 1050 seems to have upped its night power (to 50 Kw?) (*44kw I believe...*). Has lots of ads for betting over the net. I have added another Drake SPR-4 to the stable and it is performing very well. On September 29th at 0800 auroral cx noted to deliver northern US & Canadian stations at very strong level. CJVB was heard as strong as 20 years ago, CKEG, KGA all at semi local level. Yet another night will deliver WLAC 1510 at semi local level. Cx continue to hold interest. Reports

away to KTCT 1050 & CKEG 1570. QSL's in are : VOR Kaliningrad 1386 for country #169, 4MW 1260, 2XZ 1602 before and after power change. Had a call from Dene Lynneberg when he was passing thru Brisbane from Manila. It was very good to hear from him. I'm off to South America for a month now to do some trekking with my wife in the Atliplano. 73's till next time. " *Good luck to you both... should be in for an interesting time!*

Bill Woller, Opunake "... I am again a bit late getting this away but hopefully you can fit it in. Trail wise nothing new same old X band. One Report out WTIR 1680, one verie back WTDY 1670. But got a few minutes of an announcement from WRNC last night, before WTDY swamped it. I will probably get enough off it along with some Country songs to get a report away. " *Interesting to have two States that have not been that easy to hear actually battling it out!*

Phil Van de Paverd, Auckland, "... have tried a Radial Wire antenna at Waipu Cove with some measure of success. I received: 760 KFMB at 1215 UTC, 870 KAIM at 0656 UTC, 1640 KDIA at 0720 UTC, 1650 KGXL at 0711 UTC, 1660 KXOL at 0700 UTC. None of the other DXers present could receive them as clearly as I did, because the antenna has a very high signal to noise ratio. I also received on 189kHz a Russian speaking station, playing operetta type music Parallel freq. was 153 (not so good). This also was not audible by the other members. However I had the antenna at about 30° instead of 70°. I found a way to rectify this next time we go there. The antenna also performed favourably on the higher bands, signal strength was down but reception was clearer. I also went up to Mangonui, but did not have much success on the MW with the Radial Wire antenna. I am about 1km inland with some low hills between me and the sea, enough to stop the signals reaching the ground. I did however receive them on a conventional longwire about 10 to 15m high. To sum it up, I think it is an excellent antenna, provided you pick the right spot." *Thanks Phil... I'm going to run one out down the coast from here in the near future.*

Paul Ormandy, Oamaru A few nice QSLs back this time round, WTTM 1680, HJIP Emis Nuevo Continente 1590, WMIB 1660 and KAZP 1620. And a few Southern Stars, namely 882, 900, 963, 909 & 657. Loggings are Southern Star 1026, KSMH 1620, CHMB 1320, Ace Broadcasting 990.

Merv Branks Trophy

Paul Ormandy 11, Lindsay Robinson 4

Best of the Month

Bill Woller with WTDY Madison WI 1670kHz 1kW.

Trail Time

BW - Bill Woller, Opunake. CM - Chris Martin, Ormeau, Qld. POW - Paul Ormandy, Waianakarua. PWO - Paul Ormandy, Oamaru.

640 0740 USA KFI Los Angeles good with PSA for US Customs Service. CM

650 0750 UN ID w/back to back Latin American 'Tropical' music. who ? CM

690 0833 CANADA CBU Vancouver BC, fair sig w/relay of BBC World Service current affairs program. PWO

750 0829 USA WSB Atlanta GA, gd w/"News-talk 7-60 WSB" ids after promo, then CNN news. PWO

760 0740 PERU R. Mar Lima good and regular. Lots of ID's and latin mx. CM

770 0750 COLOMBIA RCN SF de Bogota good w/talk and 'Colombiano' TC.

780 0830 USA KKOH Reno strong w/ "Mighty 780 weather" for Reno. Call KOH. CM

840 0812 UN ID with SS Ballads, F/A with heavy re verb. Who ? CM

880 0846 USA KRVN Lexington NE, fr-gd w/item on highway development and into truckers show. PWO

909 1950 UNID Arabic speaker. Is this a DW relay station ? CM

1140 0530 COLOMBIA HJDL R Paisa, Medellin, up nicely w "RCN Radio Paisa" local id then ranchera mx. POW

1050 0800 USA KTCT Modesto very good with Sports Fan Radio Network promo. CM

1060 0954 CANADA CFCN Calgary strong w/ Calgary wx and AC format. CM

1070 1050 USA KNX Los Angeles v.strong 25dB o/9 w/ CNN-FN (Fin News). CM

1090 0947 USA KRPM Seattle call given and country music format. CM

1121 2000 IRAN IRIB Bandar-Lengeh drifted here // 1386 in Farsi. Good. CM

1134 2005 INDIA AIR Calcutta strong over 2AD w/ Hindi mx // 1566. CM

1152 0946 FIJI FBC where? w/ church serv in Fijian way over 2WG. CM

1230 0842 COLOMBIA HJLK R Calidad, Cali. Fr sig, dominant o/unid w/"la música romántica" PWO

1320 1005 CANADA CHMB Vancouver BC, fr sig dominating for 15 mins with CC talk program, string of ads and short musical interludes. PWO

1510 0859 USA KGA Spokane WA, up w/couple of ids then into net nx, local wx 0906. PWO

1323 2000 CYPRUS BBC WS Nx over Filipino on Mass. CM

1380 0810 MEXICO XECO Mexico City strong w/ "Romantica 13-80" Id. CM

1380 0857 HAWAII KIFO Pearl City strong w/ NPR promo after BBC News Desk. CM

1410 1020 CANADA CFUN Vancouver strong as ever w/ 'Joe Evers Show'. CM

1470 0800 CANADA CJVB Vancouver Id in EE: "Fairchild Radio bringing the world home to Vancouver this is AM1470 CJVB". Into CC w/light jazz and opera.Strong. CM

1500 0800 VENEZUELA R. Dos Mil, Cumana, good, id. regular as ever. CM

1540 0730 USA KXEL Waterloo IA, haven't heard this one for 20 years though has become regular here the last two weeks! Ids as "Newstalk 15-40 KXEL" PWO

1540 0817 USA KXEL Waterloo strong with Waterloo wx. CM

1570 0820 CANADA CKEG Nanaimo strong with "Cee Keg" Island life. Country mx. CM

1570 0749 CANADA CKTA Taber AB, up w/string of ads, stn id then C&W mx. PWO

1600 0800 USA KMNY Pomona strong w/ "KMNY Pomona" then into Glenn Miller! CM

1610 0725 ANGUILLA Caribbean Beacon Usual Rel. Very erratic signal BW

1620 0549 USA KSMH Sacramento CA fr on rare peaks over KAZP/WPHG with Catholic programming. Mostly spoken prog w/ad for 'Ave Maria School'. POW

1650 0832 USA KCNZ Cedar Falls Talk Exc. Still there at 1155 with weather. BW

1660 0602 USA KXOL Brigham City Usual Oldies dominant signal. BW

1670 0810 USA WTDY Madison great signal. BW

1670 1123 USA WRNC Warner-Robins up briefly "the biggest variety of Country music all day," "Real Country" Then swamped by WTDY at 1130. BW.

1680 0735 USA WTIR Winter Garden A real powerhouse every evening. Travellers info. BW

1680 0750 USA WTIR Orlando strong w/ computer voice of NOAA wx for hurricane. CM

1690 0818 USA WMDM Lexington Park Fair with talk. BW

1700 0745 USA KBBG Des Moines good, Bad het from Aussie later. BW

1700 0708 USA WAFN Miami FL, relaying National Weather Service station w/ continuous

weather warning as hurricanes threatened Florida. Also heard on WTIR 1680. PWO

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

WORLDWIDE BROADCAST BAND STATION NEWS

NEW ZEALAND With the general election set for 27 November, the political parties have announced their broadcasting policies. Both National and Labour are supporting a national youth network similar to Australia's Triple J, but with no offer of funding. Labour say they will ensure Radio NZ's National Programme is allocated an FM frequency, funding is sustained for RNZI, and work to re-establishing a national radio network for Pacific Islands groups covering Auckland, Hamilton, Tokoroa, Wellington and Christchurch. A Labour Party press release says this network existed up till 1995. (*Can't say I remember it. BC*)

CANADA The following Canadian AMers are moving to FM - CKXD 1010 Gander NF, CKXG 680 Grand Falls NF, CHNO 550 Sudbury ON, CHYC 900 Sudbury ON, CKOY 620 Timmins ON, CKX 1150 Brandon MB, CJXX 840 Grande Prairie AB, CKRD 700 Red Deer AB, CKTA 1570 Taber AB. (Dean McIntyre AB via Pat Martin via IRCA DX Monitor)

CBL 740 closed down at midnight on 18 June. The sign-off announcement said "This transmitter has served the community well since 1937, and has been at 740 AM since 1941. This is the end of an era in Canadian broadcasting history. Now signing off from CBL, adieu." Off at 0000. Carrier dropped immediately. Didn't even play O Canada. I have been told that CBL was heard on a regular basis during WWII by Canadian servicemen stationed in the South Pacific. (Mike Brooker ON via IRCA's DX Monitor)

FAULKLAND ISLANDS The new 15 kw transmitter has been operating since the beginning of September on 530kHz. (Rocco Cotroneo Brazil via Paul Ormandy email)

INTERNATIONAL WATERS Last month's Adcom page mentioned Newfoundland DXer Jean Burnell's trans-Atlantic reception of Radio Northsea International' on 1575.47, This was a Restricted Service Licence (RSL) station broadcasting from Clacton-on-Sea in England until the end of August to commemorate the 175th anniversary of the Royal National Lifeboat Institution. What we didn't mention last month was the power - only 1 watt, non-directional. Now that's real DX! (via NRC's IDXD 9/99)

MEXICO XEGTO 590 ex 600, XERFR 970 Radio Fórmula, Cadena Nacional new slogan, XEDF 1500 Cadena Radio Uno Radio Fórmula new slogan (Arctic Radio Club via IRCA DXM)

NIUE ISLAND "... I was in Niue, a Pacific Island nation with the population of a very small town. ... Tiny Niue had a radio station which operated in equally laid back style. Officially Radio Niue started broadcasting at 6am but that depended on the announcer getting out of bed in time - some mornings it would be 6.15 or even 6.30. In the week before my visit there was a day when it was 7.30 before without any opening music or prior warning, Radio Niue suddenly squawked into life. 'Yes, yes, I know you think I've really overslept this morning,' were the opening words. 'But actually I've been talking to you, playing records, broadcasting the news, for the last hour and a half. It's just that I forgot to turn on the transmitter.'" (from Planet Talk/Lonely Planet Publications 39/1999, Hawthorn/AUS, via D.Krumbach via WWDXC via IRCA's DX Monitor)

PHILIPPINES While VOA's shortwave relay station at Poro, the Philippines was to be taken out of service at the end of September, the million-watt VOA medium wave relay at

Poro, on **T143** will remain in service. (VOA Communications World, 8/99 via IRCA's DX Monitor)

RUSSIA Address for Radio Studiya O'Key on **1476** is ul.Aleutskaya 45a, Vladivostok 690106, or P.O. Box 254, Vladivostok 690002 (ARC via IRCA)

TAIWAN Tien Sheng BC, Tongla using **1215** ex 954. Cheng Sheng BC in Chishan is on **1395** ex 1377 (Arctic Radio Club via IRCA DX Monitor)

TUNISIA Sfax on **1566** has closed down (Arctic Radio Club via IRCA)

VIETNAM Voice of Vietnam on **1242** has 30 minutes of English at 1000, 1100, 1400, 1530 and 1700 UTC. (Arctic Radio Club via IRCA DX Monitor)

X-BAND UPDATE (1620 - 1700 kHz)

ARGENTINA Radio Tropicana **1620** is a new religious station, may be Radio Esmeralda with a new name and address. AM Restauración, Hurlingham, is a new religious station testing in mid April - no frequency given (Arctic Radio Club via IRCA DX Monitor)

1660 WREN Kansas City KS - this call sign ex 1250 expected to be taken up by X-band construction permit. (Patrick Martin OR)

1670 KSUL Moreno Valley CA Construction Permit for 1670 has been sold and will not be on till next year. CP for 10kw day/9kw nights U2 will be directional to towards Los Angeles. (Gary Jackson CA)

1680 WTIR Winter Garden FL testing w/10kw. Address is Box 149161, Orlando 32814-9161. Program Director is Mike Singer. He said he had to ask the "powers that be" what to do with all the DX reports. Regular schedule will start after they fix the problem they are having with automation traffic report insertion (Pete Taylor IRCA)

1680 K... Seattle WA. Contrary to last months report, this is not imminent. Jim Dahl, CE of KGNW/KLFE/KKOL/1680 says there is not even a transmitter yet for 1680 because of problems with real estate negotiations. The same problem applies to KKOL's CP for its power increase. If they get their way, they will triplex 1300 1590 & 1680.

NORTH AMERICAN BROADCAST NEWS July-Sept 1999

courtesy International Radio Club of America's "DX Monitor".

580 KMJ Fresno CA requests increase to 50kw day and night, DA-1.

600 CIQC Montreal QU was nx/talk/sports, to be news (change format when it moves to 940 later this year)

610 KSWA Albuquerque NM ex KZSS, format now contemporary Christian.

620 KGTL Homer AK format is Adult Standards, including JRN standards.

630 CFCO Chatham ON requests increase to 6kw nights.

CHED Edmonton AB QSL from Tom Davies, Chief Engineer. Address: 5204 84th St, Edmonton AB T6E 5N8. (Dan Sys BC)

640 WLJ Royal Palm Beach FL seeks 25kw day, 37.5kw nights.

670 KVCA Simi Valley CA changing call to KIRN. These guys gave KBOI big bucks to put up 6 towers to have a directional signal so they can put on a 50 kW Iranian language blowtorch. KBOI will be going to 12.5 kW. Ragnar Danneskjold (via Fred Vobbe's NRC column, via Pat Martin)

710 KXMR Bismarck ND is a new station, format talk.

KUET Black Canyon City AZ modifies CP to show 22kw/4.1kw U4. What a truly bizarre station this one is. The antennas are down in the bottom of a canyon and the antennas do not reach the top of the canyon. Go figure. There are three antennas to the left

- as you pass about 9 to 10 mile north of the Black Canyon City exit on I-17. Maybe they want nothing but skywave reception is all I can figure. (Ragnar Danneskjold via NRC via Pat Martin)
- 790 KJRB Spokane WA seeks power decrease to 3.8kw nights, DA-2.
- 800 KPDQ Portland OR now "the new True-Talk 800" (Pete Taylor WA)
- 810 WHB Kansas City KS being purchased by owners of KCTE for US\$8 million pending FCC approval, and KCTE's Sports format will move to 810 by October 1st, no word on where WHB's country format will go. (Tim Kridel via Pat Martin)
- 830 KNCO Grass Valley CA has CP for increase to 5kw nights directional.
- 850 WKVL Knoxville TN ex WJBZ, was silent, now talk // WKFN.
KLYF Thousand Oaks CA callsign becomes KBET.
WEEU Reading PA granted move to 830khz with 5kw/6kw DA-2.
CKVL Verdun QU format was FF Talk, gold, to be FF nx (will move to 690 and change format later this year)
- 860 KBEE Salt Lake City UT verie letter from Program Director Rusty Keys. Address: 434 Bearcat Dr, Salt Lake City UT 84115. (Patrick Martin OR)
- 870 KLSQ Laughlin NV format was Mexican //KISF, now SS hits "Super Q"
- 890 KSDG Julian CA is a new station.
KKNQ Oklahoma City OK new call ex KBYE, religious format.
- 900 KALI West Covina CA with ident "You're listening to the new Kali K-A-L-I West Covina, Multi-cultural Radio," into male preacher in Spanish. KALI ex-1430, 900 ex-KRRA, KGRB. (Bob Wien/Sanburn CA)
- 910 KFXV Vancouver WA requests increase to 10kw day and night.
- 920 KAYO Hoquiam WA form letter verie signer B.P. Spencer. Address: 3102 Bay Ave, Hoquiam WA 98550 after 2 f/up reports. (P.Martin OR)
- 930 WKXY Sarasota FL requests new call letters WUGL.
- 940 KFRE Fresno CA QSL letter from Steve Dresser, Chief Engineer. Address: 5087 McKinley Ave, Fresno CA 93727. (Dan Sys)
- 950 KJR Seattle WA 50kw transmitter is in at KHHO Tacoma site and they have added two towers. However they say it'll be another year or so before they get it all tuned up and running. When it is, KHHO will probably split. (Pete Taylor WA)
- 960 WKVN Quebradillas PR requests increase to 1.7kw nights, DA-1.
KCTK Phoenix AZ was KPXQ, religion, format to be talk, slogan "Talk". KPXQ call letters & programming move to KFDJ-1360.
- 980 KKMZ Gonzales CA granted increase to 10kw nights, DA-2.
- 1050 KNML Los Ranchos de Albuquerque NM granted 1kw nights .DA-1
- 1090 KRPM Seattle WA call changing to KMPS. Was // KMPS-94.1FM.
- 1110 CKTY Sarnia ON moves to 106.3 FM.
- 1130 KBMR Bismarck ND format was country, now classic country.
- 1140 KCHC Conroe TX becomes KYOK.
KSFN North Las Vegas NV format was sports, now 50's oldies "Cruisin'".
CHRB verie signer Keith Leask, Operations Mgr. Address: 11 5th Ave SE, High River AB T1V 1G2. (Dan Sys BC)
- 1150 KFRR Englewood CO format changed to Radio Unica net in July. (David Gleason CO)
Call changed to/from KCUV.
- 1160 WKGE East Point GA requests increase to 50kw days.
- 1170 KCQB San Diego CA format is now conservative talk.
- 1190 WKGA Atlanta GA granted increase to 25kw days, non-directional.
KORG Anaheim CA. After 9 years (!) of trying I finally got a form letter verification back. Address: 1190 E. Ball Rd, Anaheim CA 92805. V/S: Miles Sexton-(I think Manager, but hard to read title). (Pat Martin OR)
KMYL Tolleson AZ seeking increase in night power to 400 watts DA-2.
WKGA Atlanta GA granted inc. to 25000-D, ND
- 1210 KZTS Sunnyside WA was KREW with AS, format now JRN SS hits. Identifies as "La Bonita," and "KZTS, Sunnyside" & "Kah-zeta-eh-esse, Sunnyside." (Wein CA)
- 1220 KBET Santa Clarita CA is now //KJIS-102.7 FM Los Angeles except during Dodger games. (Dennis Gibson CA)
KBNO Denver CO requests callsign KLVZ.
- 1230 KTHR Gallup NM ex KYVA, ABC real country, "Thunder Country".
KDLK Del Rio TX was C&W, now Tejano as KTJK from 5/18/99, per Chip Kelley on Internet via Dale Park of Honolulu, HI
KPSA Alamogordo NM now KRSY in call swap with Roswell 1230.
- 1250 KKGM Kansas City KS was WREN, silent, now sports "The Game"
KALO Port Arthur TX requests callsign KDEI
- 1260 WSDZ Belleville IL requests increase to 20kw days, DA-3.
- 1270 KSCB Liberal KS seeks increase to 5kw days, 500 watts nights, DA.
- 1280 KBBA Abilene TX was KGMM with sports, now JRN regional Mexican.
- 1290 WRRR Frederiksted VI granted inc. to 4000/4000 DA-1
- 1310 KCTK Corrales NM was KIVA, AS, now talk "City Talk" (KIVA's AS format moves to 1580, KCTK adds 1m5).
- 1330 KENU Enumclaw WA has dumped "Plateau Country", now "the all new KENU." Still country music but more contemporary. (Pete Taylor WA)
WENA Penuelas PR requests increase to 2kw day, 1.45kw night DA-1.
- 1340 WORD Daytona Beach FL format is Adult Standards, adds JRN stds.
- 1360 KPXQ Glendale AZ was modern rock //KEDJ, now religion/ /KPXQ-FM. Subsequently became KCTK in call swap with KFDJ 960.
KUIK Hillsboro OR verie letter from Don McCoun, President. Address: 3355 NE Cornell, Hillsboro OR 97124. (Dan Sys BC)
- 1380 WYNK Baton Rouge LA is "Radio Disney 1380" and new call WFMF.
- 1390 KSLM Salem OR now 100% simulcast with KFXX-910. New address for both stations is 0700 SW Bancroft St., Portland, OR 97201, (503) 223-1441. (Pete Taylor WA)
- 1400 WMXN Fort Payne AL becomes WDLL "Delgiorno Broadcasting"
WTRR Sanford FL was black gospel, talk, now SS contemporary (also adds overnight SS talk from La Super Cadena from Puerto Rico)
- 1430 WNJR Newark NJ requests WNSW "Sunny" Standards format.
KMRB San Gabriel CA "You're listening to KMRB San Gabriel-Los Angeles, Multi-cultural Radio," then into Asian language. Ex KALI. (Sanburn CA) Format brokered Chinese.
WMAK Madison TN seeks increase to 10kw day and night.
- 1460 KKTK Waco TX format was sports, now classic country //KWOW but plans to debut new format separate from KWOW shortly.
WZEP DeFuniak Springs FL seeks increase to 10kw days, ND.

- 1470 KEAN Abilene TX with new call and ID "Keen Country 105" so // FM station. Ex-KNTS / KBBA. (Bill Nittler CO) Breaks simulcast to do local farm show 5-8am. KKTY Douglas WY format was country //FM, now WW1 oldies. WTBL Dunedin FL was silent, now SGN Black gospel format. WWBG Greensboro NC is new, with talk format
- 1480 KAVA Pueblo CO was reg. Mexican//KBNO, now Unica SS talk
- 1490 WJMO Cleveland Heights OH format black gospel, adds ABC black gospel (first affiliate of ABC's new "Rejoice" black gospel network)
- 1500 KRCK Burbank CA requests 5.1kw days/13kw nights.
- 1510 KIKA Ontario CA new calls and country music // KIKF 94.3. "KICK-FM" ID. Good with KIRV QRM. Ex KMSL/KNSE/KSOM (Sanburn CA)
- 1520 KSYU Albuquerque NM callsign becomes KQEO.
- 1530 WSAI Cincinnati OH QSL card from D. Mason, Chief Engineer, 1111 St Gregory St, Cincinnati OH 45202. (Patrick Martin OR)
- 1540 KZMP Fort Worth TX seeks change to 32kw day/890 watts night DA-2. KXPA Bellevue WA format was SS, Asian. Adds SR SS hits overnight. Address: 5303 Pacific Hwy East, #106, Tacoma WA 98424. (PM OR)
- 1550 KXTO Reno NV format changed from SS hits to Talk.
- 1560 WRHC Coral Gables FL seeks increase to 45kw/4.4kw DA-2
- 1580 KIVA Albuquerque NM was KDZZ with Radio Disney, now WW1 standards.
- 1590 KYOK Houston TX becomes KMIC "Mickey" WAKR Akron OH format was talk, sports, now talk, WW1 standards. KIHM Reno NV verie signer Lawrence ("Voz") Vosper [KB7VT]; 3550 Barron Way, Suite B, Reno NV 89510. (Patrick Martin OR)
- 1600 WPOM Riviera Beach FL was gospel, urban, now Radio Disney WMNE "Minnie".

marketsquare@radiodx.com

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

WELCOME TO THE FOLLOWING NEW OR REJOINING MEMBERS... DARYL NEW, P.O. Box 27-094, Wellington, KEITH BROOKSHAW, c/o P.O., Totara Flat, Westland 7850 and 2 new members from Victoria Australia, GEORGE FILDES and ALFRED KRUIJSHOOP. Daryl was last active in the hobby back in 1978, when he had a tally of 464 QSLs from 94 countries. He now is listening on an Icom IC-R71E, having recently disposed of his Trio and Eddystone receivers.

Yes, I was at Upper Watt Street till 1979 Daryl - a long time ago! You should find the Ladders elsewhere in this issue. Keith, I recall an enthusiastic Auckland DXer of the same name in the early 80s. If that was you, welcome back! George comes to us from DX Australia/DXers Calling and has been a shortwave listener and DXer since 1936! Alfred is also a former DXA/DXC member, and has another trans-Tasman link through his active membership in the Royal Astronomical Society of NZ. Welcome gentlemen!

DATES TO REMEMBER Possibly the final shortwave broadcast from Radio St Helena is scheduled from 1900 UTC on Saturday 23 October (Sunday morning NZT). Frequency is 11092.5kHz USB with 1 kilowatt. Your best bet for reception may be to take your receiver and a suitable antenna out into the countryside, away from the man-made interference that can drown such weak signals. The League's AGM will be held on Sunday afternoon, 31 October, commencing at 1.30pm. Venue will be the Western Suburbs Amateur Radio Clubrooms at 3000 New North Road, right next to the Whau Creek Bridge in New Lynn, Auckland. As well as the usual AGM activity, there will be a mini-auction. To assist with catering, members should let EVAN MURRAY (contact details on the back cover) know of their intention to attend.

ATTENTION WELLINGTON REGION MEMBERS We have received a PSIS cheque, probably for a member in the Wellington area, with a subscription renewal notice, but no name or address given. The only other clue we have is that the member uses a Yaesu receiver. Please contact the Administration Committee at P.O. Box 3011, Auckland if this payment was yours.

JACK RUYSCH ZLIWRS, our member in Edgecumbe, Bay of Plenty, passed away on 4 September 1999. On behalf of all members we extend sympathy to Mrs Ruysch.

CALLING EX-CANTERBURY BRANCH MEMBERS: Adcom have recently received the records and trophies of the old Canterbury Branch of the DX League, from former member **PETER MOTT**. The documentation is being reviewed for archival and historical value. Expressions of interest are invited from former branch members for disposal of the various miniature trophies - DuncKelly Broadcast Cup, Edd Maurice Broadcast Cup, NZRDXL Canterbury Shortwave Cup, NZRDXL Canterbury Branch - Johnston Cup, Reed - Australian Broadcast Cup, DuncKelly Broadcast Cup and NZRDXL Canterbury Branch Aggregate Trophy. Please contact **BARRY WILLIAMS** at 4 Kay Drive, Blockhouse Bay, Auckland.

DXING IN THE LATE 1920s was recalled in a talk given by **FRANK BARNETT**, one of New Zealand's first DXers, according to a newspaper report of an Otago branch meeting published in the early 1950s and discovered recently by DX League Patron **JACK FOX**.

He related how he had started DXing listening at Long Beach, just up the coast from Dunedin (and was later to become the site for other DXers such as **KEN MACKEY**, **GEORGE BEARDSMORE**, **FRANK A. WILSON** and other Dunedin members of the DX League). Mr Barnett began DXing about 1926 with a battery receiver and a small aerial.

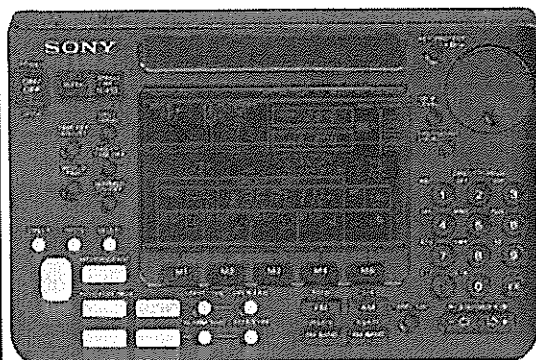
Better locations were sought by setting up a battery set in the back of a car and erecting a temporary aerial. A site at the Spit, near the entrance to Otago Harbour, and three Beverage aerials 800 feet long erected in the form of a triangle proved to be highly directional.

It was fairly easy to hear stations, as there was little interference. In 1935 there were only 600 stations in America. South American broadcast band stations used to be heard as early as 12.30pm.

led his best catch as 10AB at Moosejaw, Saskatchewan Canada, with a power of 10 watts.

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Incidentally, the Otago branch's monthly competition at the meeting addressed by Mr Barnett showed Ken Mackey winning the North American Broadcast competition with WIBM and he also took the open section with Augsburg, Germany, while LAURIE BOYER's entry was JOIR.

MILLENIUM COMPETITION The NZDXRA's Central Competitions Committee has decided to run a competition for MW, SW or Utility QSLs received in the months leading up to, and following the start of the Year 2000. Details are as follows:

1. Open to all members of NZDXRA and NZRDXL
2. All QSL cards (see also rule 3) received between 1 November 1999 and 31 March 2000 gain 1 point.

Additional provisions:

- a) South Islanders may NOT count South Island stations.
- b) North Islanders may NOT count North Island stations.
- c) Australians - no stations within your State.
3. No monitoring replies accepted, no duplicates accepted, all entries must be genuine new "QSLs" for your collection.
4. All entries must be RECEIVED by 30th April 2000.
5. Entry layout, to be legible, with one station per line, and showing (example) :

station,	site,	frequency
Radio Australia	Shepparton	11725
Radio Australia	Brandon	11725
Swiss Radio	Montsinery	11725
China Radio	Beijing	9820 etc

6. A copy of ONE report, sent to any one of the stations you have QSL'd.
7. ONLY Land based stations acceptable (ie ships or planes excluded).
8. All entries must show members name and address, club and membership number (if applicable).
9. A minimum of 10 QSLs to enter.
10. An entry fee of NZ\$5.
11. All entries will be awarded a certificate.
12. It is expected that details of all reports and QSLs would be submitted to the respective columns in either "Tune In" or "NZ DX Times".
13. All entries (and correspondence) to go to:
Mr. D. R. Nairn, C.C.C. Secretary, NZDXRA, 116 Fleete Street, Christchurch. 8006, New Zealand.
Good Luck, and go to it. !!

shortwave in time order *with Yuri Muzyka*

English broadcast summaries of Under & Over 9 MHz loggings. The contributor's name is abbreviated here (for further details please see the Under & Over 9 MHz columns). Please remember to include the date with all your loggings, thanks - Yuri ("George") Muzyka.

Time (UTC)	Freq. (kHz)	Station Name	Station Country	Log Date	DXer Name
0236	7250V	of Vietnam	VIETNAM	14/ 8	CC
0300	7345	R Prague	CZECH REP	-	JSB
0305	7305	Vatican Radio	VATICAN	-	NMK
0330	7305	Vatican Radio	VATICAN	26/ 8	NMK
0341	7415	WBCQ	USA	-	2/ 8 CC
0350	5950	R Taipei Intl	TAIWAN	13/ 8	KAB
0400	7580	WHRA	USA	-	IC
0410	7490	WJCR	USA	-	8/ 8 NM
0430	4770	R Kaduna	NIGERIA	-	JSB
0438	6890	WGTV	USA	-	11/ 9 DN
0446 - 0500	6155	ORF	AUSTRIA	-	PRP
0459	5955	R Netherlands	NETHERLANDS	-	6/ 9 CC
0500	5970	VOA	USA	-	JSB
0500	6015	ORF	AUSTRIA	-	JSB
0500	6055	REE	SPAIN	-	JSB
0500	6055	REE	SPAIN	10/ 9	NMK
0500 - 0759	7415	WBCQ	USA	-	BDC
0505	6110	R Japan	JAPAN	-	PRP
0507	5995	RCI	CANADA	-	6/ 9 CC
0511	5995	RCI	CANADA	20/ 9	CC
0511	7295	RCI	CANADA	20/ 9	CC
0513	7295	RCI	CANADA	18/ 8	CC
0515	6110	R Japan	JAPAN	12/ 9	NMK
0524	6975	RFPI	COSTA RICA	31/ 8	CC
0528	5810	KAIJ	USA	31/ 8	CC

0600	7160	BBC WS	UK	-	JSB
0609	5975	R Japan	JAPAN	15/ 8	KAB
0610	6080	VOA	USA	15/ 8	KAB
0611	7255	V of Nigeria	NIGERIA	15/ 8	KAB
0615	7415	WBCQ	USA	15/ 8	KAB
0620	6090	Caribbean Beacon	ANGUILLA	1/ 9	KAB
0625 - 0629	7255	Botswana Radio	BOTSWANA	1/ 9	KAB
0630	5985	WYFR	USA	22/ 8	KAB
0630	6015	R Austria	AUSTRIA	11/ 9	JSB
0640	5825	WEWN	USA	22/ 8	KAB
0640	5935	WWCR	USA	22/ 8	KAB
0640 6130USB	CHNX	CANADA	16/ 9	BML	
0640	7160	BBC WS	UK		1/ 9 KAB
0645	6175	BBC WS	UK		1/ 9 KAB
0650	5745	WHRI	USA	22/ 8	KAB
0657 - 0658	5070	WWCR	USA	22/ 8	KAB
0700	4915	Ghana BC	GHANA	-	JSB
0700	6160	CBC	CANADA		11/ 9 JSB
0730	5950	R Taipei Intl	TAIWAN	-	TTS
0800 - 0804	6160	CKZU-CBU	CANADA	23/ 8	DN
0900	6160	DW	GERMANY	-	JSB
0926	6463	USB	AFRTS	USA -	PRP
0945	3385	R E New Britain	PNG	17/ 9	DN
1000	5965	BBC WS	UK		11/ 9 JSB
1000	9740	BBC WS	UK		11/ 9 JSB
1015	3935	ZLXA	NZ	-	TTS
1030	6465.5	USBAFN	USA	-	NMK
1040	4890	NBC	PNG		9/ 9 CC
1100	5990	BBC WS	UK	-	JSB
1100	6020	R Australia	AUSTRALIA	11/ 9	JSB
1215	4890	NBC	PNG		11/ 9 KAB
1231	7185	R Bangladesh	BANGLADESH	28/ 8	CC
1235	5070	WWCR	USA		11/ 9 KAB
1253	7270	CRI	CHINA	28/ 8	CC
1314 - 1358	5030	BBS	BHUTAN		5/ 9 BML
1400	6180	R Australia	AUSTRALIA		11/ 9 JSB
1503	7160	CRI	CHINA		2/ 8 CC
1503	9785	CRI	CHINA		2/ 8 CC
1530	4800	AIR	INDIA	-	TTS
1608	5975	RKI	STH KOREA	7/ 9	CC
1700	5220	CRI	CHINA	24/ 9	BML
1700	7405	CRI	CHINA	24/ 9	BML
1730	6065	R Sweden	SWEDEN		17/ 9 KAB
1820	7300	V of Russia	RUSSIA	-	PRP
1835 - 1900	3955	R Taipei Intl	TAIWAN	-	IC
1845 - 1900	3366	GBC	GHANA	-	IC

1853 - 1900	4965	R Christian Voice	ZAMBIA	19/ 9	CC
1857	7345	R Slovakia Intl	SLOVAKIA	8/ 8	CC
1900	5945	ORF	AUSTRIA	17/ 8	KAB
1900	7195	HSK9	THAILAND	-	BML
1900	7195	R Thailand	THAILAND	-	IC
1901	7230	R Yugoslavia	YUGOSLAVIA	19/ 9	CC
1901 - 1909	7230	R Yugoslavia	YUGOSLAVIA		8/ 8 CC
1913	7180	R Tirana	ALBANIA	17/ 9	BMI
1913	9510	R Tirana	ALBANIA		17/ 9 BMI
1918	6135	YLE	FINLAND	22/ 8	KAB
1930	6065	R Sweden	SWEDEN	16/ 9	KAB
1958	4770	R Nigeria	NIGERIA		2/ 8 LM
2008 - 2012	5930	R Prague	CZECH REP	21/ 8	KAB
2008 - 2012 11600	R Prague		CZECH REP	21/ 8	KAB
2030 - 2100	4976	R Uganda	UGANDA		2/ 8 LM
2100	6095	VOA	USA	-	NMK
2110	6035	NHK	JAPAN	-	NMK
2120	5975	BBC WS	UK	-	NMK

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

Your editor has logged the following Soundwave FM 100.3, 101.0 Napier & Instrumental FM 100.2 Napier, also all QSLed. Other QSL's are Rev 89.9, The Edge 94.0, Life FM 96.3.

STATION NEWS

The Chill also using 88Mhz for Taupo in town centre besides 100.4. Has requests 24 hours. Auckland Institute of Technology to have own station calling it Fox FM on 100.4 for the CBA. Trip FM 88.4 Hamilton; dance music, stereo from hospital area.

Life FM to use 93.5 in Hawkes Bay soon.

The Edge to be in Palmerston North before Xmas.

Instrument FM heard Monday to Friday mornings over Soundwave Napier testing on 100.2 during October. Radio Kidnappers using 88.2 in Hastings. Tourist FM off air. Country 88FM also using 100.8 in North Christchurch area.

Send news & Log's to PO BOX 7072 TARADALE 4030 OR DX TIMES PO BOX 3011 AUCKLAND

Radial Wire Aerials Peter Chambers

Ever thought a Beverage antenna would be really great to try but you've lacked the room, umpteen hundred metres of wire, sufficient poles etc? Peter Chambers has an interesting alternative. Peter is an avid MW DXer and lives in the Hawkes Bay area of NZ (On the eastern coast of the North Island, near Napier, which is 240km the eastern-most point, East Cape. Peter is also an equally avid experimenter and has spent many hours fine-tuning his Radial Wire aerials, now he shares with us his secrets...

Why Radial Wires - Radial Wire aerials are a very simple and easy way of obtaining amazingly good radio reception on longwave, mediumwave and the lower shortwave bands. The Radial Wire aerial is simply a length of wire laid on the ground in a straight line. Connect the wire to the receiver as normal and connect an earth, the same as any longwave type aerial. The wire length & direction depends on the frequency and direction of the stations you wish to hear. This is not a practical aerial for your home location, not in a town or city anyway. If you are prepared to drive off to a good location with your radio and wires for an afternoon and/or evening of amazing listening from the relative comfort of your vehicle, then read on.

With suitable Radial Wires, a good receiver and a suitable location, you can look forward to receiving mediumwave stations from the Americas & sometimes further afield, e.g. you can get good reception of the North American Expanded Band stations (1610-1700kHz). The Radial Wires also pick up all manner of low-power SW stations in the tropical bands. You may gain some idea of the effectiveness of this system by experimenting at home. Lay 10-15 metres of wire in a straight line down your driveway or back yard. Operate your receiver from the car battery (e.g. via the cigarette lighter socket). Attach the Radial Wire to your aerial terminal, find a weak but copiable MW station. Now raise the whole wire length off the ground to around head height. The station should drop very significantly in strength or vanish entirely. This will give you an idea of how effective the Radial Wire aerial is on low frequencies compared to short above-ground wires.

Wire Lengths - Whilst a 100 metre wire is the ideal length for receiving DX signals in the 1600kHz - 1700kHz band, I have received Caribbean Beacon 1610, KXOL 1660, KDIA 1640, KGXL 1650 and WRNC 1670, as well as MW stations from Hawaii, North and South America with only a 40 metre Radial Wire. A 70 metre wire has much better pick-up on these frequencies though a 100 metre has more still. For 1600 - 1700kHz, exceeding 100 metres sees a slow DROP-OFF in pickup and even less pickup at 170 metres long. Lower frequency medium-wave and long-wave pickup may increase with wires over 100 metres, though a 100 metre wire has no shortage of pick-up right to the bottom of the MW band. For tropical band SW pickup, 20 - 40 metres works really well, the 70 metre and 100 metre wires showing at best only slight advantage over the shorter wires so a 100 metre wire is a good choice to work both the MW and tropical bands.

Earthing - The chassis of your car will act as an adequate earth for the receiver. The Negative of the cigarette lighter socket is the easiest connection point. For lower medium-wave and long-wave, the car chassis is not good enough for full pickup so if your location is noise-free enough, zig-zag a 40 metre wire length over a 4 metre x 4 metre square of ground and lay it to one side or behind the Radial Wire, not under or over it. Then connect one end to your receiver's earth terminal. The other option is to drive an earth-stake into the ground only recovering the stake afterwards may be interesting! Do not risk flattening your car battery with the receiver, a separate battery is a good idea.

Impedance Matching - A 100 metre Radial Wire below 2MHz has a surprisingly high impedance when run over dry high resistance ground, i.e. river bed shingle, stop banks, hillsides and beach sand above the high tide line, 500 ohms to 1000 ohms being the range. Radial Wires run over wet, low resistance ground have impedances more in the order of 200 ohms. If your receiver has a 500 ohm or greater High Impedance (often referred to as 'Hi-Z') terminal, then use it for Radial Wires. If you only have a 50 ohm Low Impedance (Low 'Z') terminal (often a large SO-259 socket), you will need a 9:1 or 16:1 balun, if you don't you

could lose half your signal. A good signal lift can be achieved by running two 100 metre Radial Wires in parallel, 1 metre apart, connecting both together at the receiver. Using the parallel wires will halve the impedance mismatch, and 4 parallel wires will also add even more gain and further reduce the mis-match. This can be significant on the X-band North American signals if your location is electrically quiet enough.) Baluns are easier, Paul Ormandy makes and sells 9:1 matching baluns, see his ad in the DX Times "Market Square". Over wet ground the 200 ohm impedance matches to 50 ohm inputs pretty well. Precise matching gives no significant pickup improvement. Reactance of the Radial Wire is minimal and series tuning produces no signal lift on any frequency. Above 2MHz impedance drops closer to 50 ohms though on some frequencies it rises back to 500 ohms. This could be wavelength dependent but I can make no sense of the frequency versus impedance results so far. A 15 to 20 metre Radial Wire matches into 50 ohms from 4 - 6 MHz brilliantly producing very good pickup.

Low Angle Pickup - Radial Wire aerials receive groundwave signals and low angle skywave signals exceptionally well. Distant mediumwave skywave signals will punch through local electrical noise & NZ station flak significantly better than on a loop, short longwire or vertical. The difference is even greater on distant, weak NZ groundwave signals.

Directional Characteristics - The directional characteristics of ground wires are remarkable for the short wire lengths involved. A front to back ratio significantly better than an unterminated longwire, loop antenna or dipole. Rejection of side-on signals is also quite good and compares with a 200 metre terminated Beverage or longwire. And with the latter directionality drops off considerably as the frequency lowers on MW... this does not happen with Radial Wires. The directional pattern you get on 1650kHz is exactly the same on 600kHz and even 210kHz. Amazingly, a 70 metre Radial Wire is only a little less directional than the 100 metre wire and a 40 metre wire only slightly less than the 70 metre wire. The same occurs at lower SW frequencies too, a wire at 140° pulls in signals from Alvorada 2460, Educadora 2380 (recently inactive), R Provincias harmonic 2540 etc, far better than a 110° or 70° wire. The sharp directional patterns can be too tight, so try two 40 metre wires at right angles to each other, connected into your receiver together.

DXing Locations - If you've gone to the effort of getting your receiver working on 12 volts, rounded up some wire and are looking for a location to set up your Radial Wires, then do some advance thinking about where you will drive to. If you are keen to receive X-band North American stations or low powered tropical band stations, then location is everything. Look at your area map and find out the areas to avoid, e.g. local MW transmitters, airport or marine beacons etc. If you have two or more 2 to 5kW transmitters at one site, then you need to get at least 10km away and preferably as far as practical. With 50kW transmitters get at least 25km away, and at least 10km away from any GPS transmitters on 1817kHz. Longwave beacons (often found near airports) are fairly clean transmissions and usually don't cause much trouble however a strong signal will intermodulate with local MW transmissions so they too, should be avoided. One can operate successfully within a couple of kilometers from a longwave beacon if it's the only big signal hammering into the receiver.

Next consideration is power lines. Rule of thumb is 200 metres minimum away from 230v/11kV power lines, 1km from 33/66kV lines & 5km from 110kV lines. Power lines radiate less noise inland away from the sea because the lower air-borne salt level means the insulators stay cleaner.

Obviously you need 100 metres of traversible terrain in the desired direction. My Hawkes

Bay Oceanside Beach fits all the criteria. It is very steep hillside, about a 60° slope downwards, just negotiable without breaking my neck. This steep downgrade of the wires does not appear to reduce signal pick-up or directivity. To give you an idea of electrical noise travel, my Radial Wire can pick up TVI from suburban Napier, 2km away from the nearest house or power line, at a level that degrades X-band reception. In intensive sheep and cattle farm country, another noise-source to be wary of are electric fences. You will soon notice the "tick, tick, tick" noise on MW and tropical band signals.

East Coast beaches are brilliant for receiving the Americas. All electrical noise sources are behind you and thus attenuated by the directionality of the Radial Wires, as are the majority of NZ MW stations. The high conductivity sea enhances the strength of incoming low angle skywave signals and all the better if dry hill country or cliffs are behind you. You know you've found a great location when you attach a 100 metre Radial Wire to your radio and hear no increase in background noise from 1600kHz to 7MHz and only natural static. My Ocean Beach location is that good, a 45 minute scenic drive from Napier City, a wonderful view out to sea and up and down the coast, right from where I park the van.

In the middle of the North and South Islands and on the West Coast, look for places on the Eastern side of high hills and mountains. The Stratford Plateau car park up on Mt. Egmont in Taranaki would be a great spot with a wide open horizon to the East and high enough above farmland to escape the electric fence ticks and far enough away from all power lines and transmitters. It can be a bit cool, damp and breezy at times so take precautions.

Swampy low land can still produce good reception if noise levels are low. I have listened with the Radial Wire running over slushy, muddy ground with 10 metres of wire actually under 300 mm under water and pickup was excellent! Run the wire over the top of thick, wet, low vegetation and don't bother running wires under heavy forest or native bush floor as pickup will be very poor.

Receivers and Connections - The 100 metre Radial Wire has mighty pickup from longwave right through to shortwave. Most receivers will be driven into overload if your location is too close to transmitters. A pre-selector or wave-trap can allow you to operate closer to transmitters than I recommend in the location notes. Many receivers are significantly less sensitive on MW than 2MHz and above, this will prove annoying if you find a good location. A pre-amp can fix this and the risk of over-loading the receiver. Most receivers can be modified to restore full sensitivity on MW. Modern receivers like the Icom IC-R70, R/71 and Drake R8A actually radiate electrical noise on LW, MW & SW and in a quiet location the Radial Wire will pick up this noise to the detriment of weak signals. Connecting headphones, a tape recorder or speaker cables only increases this unwanted radiation. The cure is to use a metre or so of coax between the receiver and ground wire. I run coax to a small switch board. A balun can be mounted on a board with 2 or 3 Radial Wires terminated via strip-connectors screwed onto the base, with a short, strong copper tag poking out of the other end of the strip connectors and another couple of strip-connectors terminating the receiver coax, and short alligator clip leads to connect either directly to the balun or bypass it and connect directly onto the Radial Wire tags. Set the board up away from the dash if your vehicle has a digital display of any sort (e.g. clock).

The Wire and Handling Multiple Wires - Light, multi-stranded insulated wire is excellent. Black insulation is not easily seen on the ground and draws less curious passers-by. Multi-strand wire is pliable, doesn't knot, kink or break internally (most of the time). I have had a Radial Wire running over a dirt access track with vehicles driving over the wire causing no

damage. I carry 3 loose 100 metre wires in a plastic fish tub and tie the ends of the wires into holes at the rim of the tub. Tangles cannot then occur. One wire at a time pulls out easily with no trouble though you must start with the correct end of the top layer of wire (a different coloured wire for each aerial would be a bonus). The same process goes for retrieving the wires though in reverse. A board cut to neatly fit into the tub over the top of the wires will further prevent tangling if the bin bounces around when you're driving, then you can add the rest of your gear to the tub, all ready to cart inside when you get home.

Directions, Bearings, Propagation - My favourite bearings are 40° magnetic for North America, 90° magnetic for northern South America and 120° magnetic for south-eastern South America. These 3 bearings cover 90% of your Eastern DX and don't vary much throughout the country. The forward beam width on the 100 metre wire is +/- 20° anyway, about the same as a well-designed loop and much broader than Beverage wires. When propagation opens up across the Atlantic path, then Radial Wires can pick up MW Portuguese, Spanish and North African signals, and even stations deeper into Europe. The 90° bearing is probably the best for these.

My observations on propagation: To get the best results of your mileage and effort, having some idea of when propagation will be good helps. For MW North Americans & X-banders a high solar-flux figure (i.e. 200 or more), with low solar activity usually produces best results. Geomagnetic activity makes little difference. High solar activity, solar flares etc, usually mean that North Americans won't come up to strength till well after sunset. Low solar activity can see North American signals up an hour before sunset, this period is great for receiving East Coast signals on the X-band as they propagate through earlier than West Coast stations. This applies through the Winter half of the year, (April - September). For the rest of the year, all areas of North America fade in together. For northern South America, lower solar flux figures are better, i.e. 150 or less, likewise low solar activity will see signals come in more than an hour before sunset. High solar activity will delay fade-in times. High geomagnetic activity can weaken or completely absorb signals to northern South America on low frequencies. For stations from Brazil, Argentina, and Uruguay which come in on the 120° bearing, solar flux needs to be under 100 and the lower the better, low solar activity is desirable and very low geomagnetic activity is essential. Even with all these factors in place there is no guarantee that propagation will actually happen. Seasonally Summer is best for North America and Winter for South America. Equinoxes are the best for propagation to all areas. The best source of solar activity information is WWV and WWVH on 2.5, 5, 10, 15 & 20MHz who alternately give solar information at 18 and 45 minutes past the hour. The solar flux figure given after 0000 UTC covers the previous 24 hours up to that time. The solar activity and geomagnetic activity comments are the average for the preceding 24 hours. The last geomagnetic index number, the K index, summarises geomagnetic activity in the preceding 3 hours. The actual strength of the 15MHz WWV transmission at our midday and early afternoon gives an indication of what the Sun is doing to the ionosphere between Colorado & NZ in real time. An unusually weak signal for the current flux value indicates that low frequencies will be late fading in, whereas good, strong signal indicates signals will fade in early. These guidelines apply true for about 70% of the time. As in fishing, you can never be completely certain of anything at a given moment. Mouthing or writing ideas usually guarantees that the opposite happens shortly after - such is life!

Conclusion - Radial Wire aerials allow you to go on a mini-DXpedition and hear some really excellent low frequency reception that very few could hear from a home situation. A

pleasant scenic drive in the country, some minor exercise, a few hours great listening and home again when it gets too cold. Great enjoyment for a miniscule effort. Radial Wires will be beaten for raw signal pickup by long-wires and blitzed for pickup and directionality by Beverages. The Radial Wire will beat any longwire on signal-to-noise ratio in it's pickup direction however, and unlike a loop, there is no need for re-tuning and rotating and you can sit in your vehicle. Best of all is the absolute ease of running the wires out, retrieving them and heading home. I hope this article inspires someone to give it a go. You can write to me for any additional information, problems or just to let me know your results. My address is P O Box 3118, Onekawa, Hawkes Bay Mail Centre, New Zealand. Home phone number 06 836 7078 or work, 025 661 793. I am yet to try a shallow, buried Radial Wire for permanent use.

Editor's Footnote: The WWV Solar Indices are also available by subscribing to an e-mail list which send out the data every three hours. To join, send an e-mail to majordomo@sec.noaa.gov and put the word - subscribe - in the subject line.

Feature QSL

In view of the troubles now taking place in Indonesia, this verification from League patron Jack Fox's collection is of special interest. Station YDC Bandung on 15150 kilocycles was logged on June 27 1941 and Jack's report arrived in Batavia (now Jakarta) when that country was under Dutch control. The QSL was posted to Jack just 2 months before the Japanese took over.

The Netherland Indies Broadcasting Company, Ltd.

N. I. R. O. M.

B A T A V I A

This is to certify that the reception report of Mr.
*Jack. F. Fox, 45 Driner street, St. Hilde
 Sumedira S.2. New Zealand*
 dated *27-6-1941* and received at *Batavia 20-8-1941*
 gives correct details about the N. I. R. O. M. program.
 The transmitter concerned is *Y.D.C. at Bandung on 15150 kc.
 19,80 mr.*

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ladders@radiodx.com with Peter Grenfell, Oamaru

Welcome to the October Ladders. Not many entries this month. Christmas is coming, so lets make December a bumper month with plenty of updates.

MEDIUM WAVE	QSLs	INC	CNTS	SHORTWAVE	QSLs	INC	CNTS
OPEN (Over 500)				OPEN (Over500)			
Laurie Boyer	3944		137	Ian Cattermole	3560	69	193
Keith Robinson	2896		157	Jack Searle	2265	13	207
Paul Ormandy	1477	25	137	Paul Ormandy	1599	5	234
George Beardsmore	802		61	Laurie Boyer	1694		178
Bryan Clark	673		119	John Campbell	1597		260
Mark Nicholls	643		67	Bryan Clark	1544		237
John Campbell	641		129	Lindsay Robinson	1415	2	169
Paul Aronsen	529			Brian Withers	1297		128
Lindsay Robinson	524		56	Mike Smith	1218		133
SENIOR (301-500)				SENIOR (301-500)			
Peter Grenfell	443		37	Graeme Dixon	916		117
Stuart Forsyth	413		39	Paul Peacock	821	11	121
Brian Withers	411		51	Paul Aronsen	733		
INTERMEDIATE (151-300)				INTERMEDIATE (151-300)			
Jack Searle	294		35	Peter Grenfell	653		133
Andy McQueen	295		21	Ian Wells	582		133
Robert Krijger	228		13	SENIOR (301-500)			
Mike Smith	194		18	Bernd Henning	372		90
Paul Peacock	193		16	Andy McQueen	368		103
JUNIOR (5-150)				INTERMEDIATE (151-300)			
Ian Wells	108		15	Bob Boundy	400		91
Adam Claydon	71		4	Chris Elliot	301		78
Arthur de Maine	50		10	JUNIOR (5-150)			
Chris Elliott	15		3	George Beardsmore	129		68
FM-TELEVISION				JUNIOR (5-150)			
Brian Withers	899		9	Adam Claydon	123		40
Robert Krijger	678		6	Mark Nicholls	121		55
Bryan Clark	148		5	Daniel Bloomfield	13		11
Paul Ormandy	110		5	INTERMEDIATE (151-300)			
Paul Peacock	63	2	2	Stuart Forsyth	283		87
Adam Claydon	49		1	Arthur de Maine	236	6	90
Mark Nicholls	42		2	Ashley Gulbransen	193		75
Mike Smith	33		2	Keith Robinson	186		177
Andy McQueen	29		2	JUNIOR (5-150)			
				Peter Grenfell; 11 Sussex Street, WESTON, 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)*.

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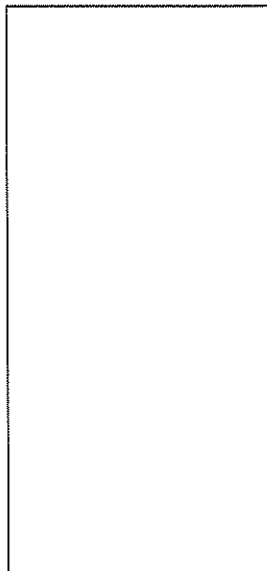
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