



NEW ZEALAND DX TIMES

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July-August 1983

EXCLUSIVE: PATRICK WATTS TELLS HOW HE LEFT THE ARMY ON AIR DURING THE ARGENTINE OCCUPATION

INSIDE: FULL DETAILS FOR DXCURSION 83 SPENDING TWO WEEKS IN NEW CALEDONIA 4-STEREO ON AIR IN HAMILTON 4 IN AUCKLAND - RADIO FOR BOTH EARS SPECIAL REPORT FROM LONDON - THE EDXC CONFERENCE 1983 PREDICTS MORE JAMMING AUSTRALIAN BROADCASTING CORPORATION - THE FACTS AND THE FIGURES

RADIO TROPICAL: ANOTHER NIBI-NIBI? 7 PROGRAM PLANNED ABOUT DX HOBBY RADIO JAPAN STARTS AFRICAN RELAY TEST SPECIAL TE ARAROA TRAIL - SHORTWAVE! 5TH LEAGUE AGM ANNOUNCED FOR OCT 15

Read this, and much more inside this month in your DX Times, Number 1 in the Pacific and growing better! **NEXT MONTH** features include Radio Rhema expands, Satellite DXing-is it illegal?, and more of the latest in radio news!



A month of milestones! Again, we are able to give you 32 pages of the latest news and information.. welcome many new members to the club and bring you a world exclusive from the man who kept the Falkland Islands on air during the occupation! Just as we go to press, we learn that the first all-Maori FM station will be on air in Wellington between 4-8 August on 89 MHz. The station is to be operated by Nga Kaiwhakapumau i te reo-a thru the Maori Language Board.

And, your chance to visit New Caledonia at rock bottom prices! If you missed out on Rarotonga or Te Araroa, you can't afford to miss out on this special DXpedition to Noumea! It's caused by a special one-off flight being made by Air NZ and has a land package that just can't be beaten for value. Only 300 or so seats...available to anyone in NZ...will be available. If you're quick, you can join me in Noumea...I've already booked to go! Tropical DX, visiting Radio Noumea, French food and wine and two glorious weeks of sunshine!

Arthur Cushen notes that almost 35 years ago, on 15 August 1948, the New Zealand Radio DX League was formed by Otago/Southland DXers in Invercargill. Two months later, Vol 1 Number 1 of the DX Times was mailed out. Radio listening in Southland went back to the 1920s, with DXers joining the NZ DX Club which in the 1930s published all NZ radio programs and set aside several pages for listeners notes. In 1939, the New Zealand Listener took over the publication of Radio Record, and the NZDXClub was freed of commercial interests. Headquarters were in Auckland, and in September 1939, the first issue of New Zealand DX-tra was published from Invercargill. Editors and publishers were the late Merv Branks, Alec Allan, Lloyd Warburton, Max Rat-tray and Arthur Cushen - sole surviving member of the original magazine committee.

It was not until 30 June 1950 that the Listener agreed to publish DX notes, now established as the Shortwave feature written by Arthur Cushen for 33 years. In the issue of 6 August, Arthur examines jamming and political moves which disrupt the pleasure of DXing. Passing milestones.....

NEXT CLOSING DATE is Monday, 15 August at noon. News..DX...exotic catches..programs...Ladders... musings, personalities, newsclippings, articles.... views and opinions...diamonds, oil shares..logs.. Watch the date-don't be late! 15 August

e Mailbag

With BILL HUDDLESTON of Auckland

appear to be set this month by Paul Edwards, with a long list of Latins. While many other DXers are reaping the rewards, after 31 mornings, or perhaps burning a little of the mid-night oil. Falkland Islands are still turning up in a few mailboxes as also Nepal. So lets open a well filled mailbag.

Wellington must have been more than happy to receive this collection from Atlantida 4790, R.Tarma 4776, Huanta 4755, Pampas 4855, de Tabatinga 4815, Nac Sao Gabriel de Cachoeira 3375, Nal de 4765, Macarena 5973.8, R. Cult. Surcolombiana 5010, Aparearda de Sao Paulo 6165, Rhumbos 4970, Falklands. Paul has a further 25 Latins & 2 low powered Canadians.

Auckland as also been on top form this month with QSLs back from Bator 12070, Surinam 4850, RRI Banjarmasin 3250, Libya 11816-Pyongyang 9625, R.Med Malta 6110, AIR 3095, Beijing CPB 9080, Egypt 9805, after 15 months, Hungary 9835, Spain 9756, RN Bonaire 9305, Berne 3985, R.Bremen 6190, a very nice list of veries. The rejection from the Falkland Is. with the further 23 out some interesting mail on the way - good-luck.

Over the last two month has got QSLs back from WRNO 11890, Kuwait 11650, DW 15275+pennant, VLW15 15425, NKK 11875, and Falklands with veri No 112. with a further 5 reports out,Thx.

Welland has veries back from Del Pacifico 9675, WYFR 9680, Nigeria 65 Nigeria 6090, Clarin 11700, RRI Tanjungkarang 3395, DW Antigua 4990, Beijing 4815 4883 NHK Sines 15430, Dubai 11755 17830.

Wellington While still trying to get into DX gear has verified Kiev 15, KTWR 9585, RA Carnarvon 11855, ORF 15115, BRT 6225, RIAS 119610, which brings a total of 144 countries, nice going Thx.

Waikeia Bay has 15 reports out and verifications back from Tasy 17740, Fredrikstad 6015, EIRT -Avlis 9420, R.Reloj, with reports on the way.

Telly Nelson Has not been very busy due to a bout of the flu, but veries have arrived back from Prague 11855, RN -Liwian 17890 +Pennant, RFI Paris 7135 +very nice pennant, RSI 11835, HCJB 11835, I hope you managed to keep your feet dry in the Thx.

Joana finds the fire and the telly rather an attraction these days, but managed to get three reports away and LMJE Korea 15575, BRT 11620 9880, R.Tampa (NSB) 6115, -- 816, after 16 months. Thanks, I think that as you get older the more reasons for stating in the warm area.

Plymouth received veries back this month from Voice of - Radio Netherland 9715+ pennant IC. Red Cross Geneva 7210, I will be answered by Michael Pollard in Bandwatch.

Reports are very welcome, but would you please write them on a piece of paper, and a separate sheet for any BOM entry, This entry being lost, and you wondering why it wasn't included,Thx.

John Mainland Wellington has a small selection back this month from KGEI 6000, WRNO 11890, Lagos 17800, Budapest 12000, Thx.

Eric McIntosh Invercargill reports of an interesting list of QSLs coming back over the last three months from Belize 3285, VOFC 11740, IBC 11585, SRI 25780, Brisbane 4920, TGNA 3300, Norway 25730, Dubai 21700, VOA Wooferton 7325, KYOI 15190, Vatican 9615, CKZU, CKZN, BBC 3955, Paris 25900 7135, Surinam 4850, A further 7 reports have been sent on their way good to hear from you, thanks.

Alan Gilmour Greymouth received a nice one back from HILR Radio Clarin 4850 from a 1977 report and a 1979 follow up, but quoted the wrong frequency, also one back from Sofia 7115, your persistence has paid off.

Brian Webb Upper Hutt sent out 114 reports this month and received QSLs back from RBI 6040, 7300 9560 21540, Prague 11990, NHK Tokyo 11875 15235 15300 Malta IBRA-ICR 9515, Teheran 15084, Sines (AWR-E 9670, Australia VLR9 9680, RA 6035 RA 21650-A, KGEI-USA 6000, LRA-31-15345, JOZ 3925, JOZ2 6055, JOZ3 9535, Beijing 9860 11500 11515, Moscow 7310 9610 11730 11900 11490, Vatican 9615 15120, KBS 15575, ORU 6225 11625 11695 15590 11550, SRI 6135 9725 11715 15125 15305 17830 17850 21520.

Irene Simpson Invercargill rests her laurels on the one good effort, with a QSL No 94 from the Falkland Is. thanks.

Russel Winter Invercargill was pleased with the postie this month receiving QSLs back from TWR Monte Carlo 9495, REE Madrid 9650, KTWR Guam 11840, HCJB 11925, NHK Tokyo 21610, Dubai UEA 21700, nice.

Paul Schnell Palmerston North received verification cards back this month from NHK Tokyo 11815, RN-Bonaire 6165 Moscow 15420 15385, IBA 11655,Thx.

Deborah M.Fitzpatrick Auckland had QSLs back over the last month from VOFC 7890 + 2 stickers, Peace & Progress 12045, France International 15300, Solomon Islands + stamps, along with 3QSLs from Radio Monitors International for a report to Sri Lanka Broadcasting Corporation (under separate cover. Radio Canada International 11835, AWRRadio Monitors International-60 years w/Adventist Radio. I hope I've got the down right, thanks.

BEST OF THE MONTH

Under 9mHz.

FIBS Falkland Islands 3958kHz. 2.5Kw. 118 points

Aurthur Cushen and Lindsay Robinson Invercargill

Over 9mHz.

RFI. Africa No 1. Gabon. 15200kHz. 100Kw. 95 Points

Lindsay Robinson

Arthur Cushen Invercargill has this month verified Prague 11800, Falklands 3958, France 9745, Sweden 11710, Belgium 9880.

Jim Benzoni Hamilton has 4 veries out this month and one back from Beijing.

Michael Williams Clarence Gardens, South Australia has no reports out, QSLs are in from Malta 9670 (country 50 and after 10 months), KYOI 11900. Mark Hallett Auckland in his first report, has QSLs from BBC 9600 REE Madrid 11840 RAustralia 15320 and Bob Dunstone Invercargill a reply from CFCX 6005 and 2 reports out. Y'all were late!

Report

LAND of Wellington

al attributed to the service (BBC MS) is y not be reproduced on.

r Voice of the Gospel a Communications the Gospel, Box 287, e, Nigeria. Include an .Sked 1700-1800 on ADXN (NASWA LN 6/83) the longer term have a 300kW shortwave

del Peru confirms it shortwave outlet on r of 1kW. Reports are do QSL according to he stn has a different t given in WRTVH '83. h them at Avenida ma 14. RN MN 16/6

verie from Mogadishu, :Radio Mogadishu, Mr. d Mursal, Ministry of National Guidance, "Dalmar Programme", adishu. NASWA LN 6/83 px for DXers, "DXers ing certificates to them with DX info on is hrd on Thursday ews (NASWA LN 6/83)

lace called Darwin in hern Territory engin- work constructing e curtain antennas bes there make the task ult. The antenna plus 50kW shortwave trans- ready for action early on schedule and if they i will become much many areas of the World where their EE sce is catch now, in compar- a few years ago.

the Melbourne Age sup- en Guide "there is an inancial Crisis at here is what the feat- stralia which reaches million people a- is unable to operate use it has no money bring into operation

a vital transmitter site in Darwin. The lack of money means the transmitter which was badly damaged by Cyclone Tracy in 1974, is unlikely to be back in operation before late next year or early 1985. The lack of funds also means that other projects have had to be postponed. The transmitter site vital to keep Radio Australia signal loud and clear must be reconstructed and operating fully by January of next year, but a 7% cut in the ABC budget has meant that money for the running of the transmitter stn will not now be available until July next year. The delay on the A\$25 million station also holds up the agreements between the Australian & Chinese governments for Australia to provide EE language lessons via radio. Pamphlets to go with these programmes are already in China waiting to be distributed. RN MN 23/6

INDIA All India Radio reported on 17th June that the Ministry of Information & Broadcasting had taken a number of measures to improve the AIR network in the north-eastern region. The Deputy Minister for Information and Broadcasting told the AIR correspondent in Gauhati that a 50kW shortwave tx would be set up in Gauhati. BBC MS 23/6

UGANDA Radio Uganda shortwave stn has closed down temporarily and they have not coordinated any fqs for it, at least until the end of this year. This is presumably a reference to their Soroti 250 kW tx and the small low-powered short-wave txs near Kampala are unaffected. RN MN 30/6

MEXICO In a letter dated 15th June Radio Mexico International schedule indicates that the short EE language segment in their SS external sce have been discontinued. RN MN 30/6

PAPUA NEW GUINEA Radio Western Province in Daru, which has been listed on 6080, mention a new rather odd fq of 3050 operating 1930-2200, 0700-1400 with news probably in EE at 0815. RN MN 30/6 "RADIO SALVATION OF IRAN" A radio stn broadcasting in Persian and calling itself "Radio Salvation of Iran" was observed on 23rd June on 9032 from 0305-0400. There is also a broadcast from 1830-1925 on 11660. The address for listeners letters is: P.O. Box 102, (Graede) Str., 2670 Copenhagen, Denmark. BBC MS 30/6

RADIO BUCHAREST Part EE sked: 0645-0715 21665, 17790, 15335, 15250, 11940; 1200-1230 21665, 17720, 15345; 1500-1530 17850, 17805, 15335, 15250, 11940; 1730-1800 17745, 17720, 15380, 15365, 11885, 11790. BBC MS 30/6

Arthur Cushen's Shortwave Review

The tragedy of the political interference in shortwave broadcasting is being reflected more and more these days with the increasing jamming operations, and a survey carried out in Invercargill during our monitoring assignment for Radio Canada International indicated that in the 31 metre band between 9500 and 9775kHz in a period 0200-0430GMT 106 signals were identified on the 55 channels in use. Of those frequencies 16 suffered severe jamming, a further 14 channels suffered severe side-splatter meaning that nearly 60% of the band was rendered useless during that reception period. Highlights this month are the increasing signal level of Latin Americans during our evening listening period both around dusk and around 1100GMT and the appearance of the African signals at dawn 1800GMT, as we move towards the equinox season. During Ramadan many Indonesian stations were heard in the 90 metre band around 1900 GMT with all-night transmissions, up to July 9. All times GMT 12 hours behind NZST, all frequencies quoted are in kHz.

AUSTRALIA: Australian station VL2UV Sydney operated by the University of New South Wales 1692kHz now operates 0845-1100 Monday-Thursday, 0845-1000 Friday but from July 25 Monday-Friday will be broadcasting 0845-1100. Power of 500W.

BRAZIL: Radio Braz on the new frequency of 15435 heard in English 1800-1900.

DOMINICAN REPUBLIC: Radio Earth 11700 has English 0330-0430 Tuesdays to Sunday but blocked throughout by Moscow in Spanish to 0400 then in French.

DUBAI: Dubai noted on 11730kHz replacing 11965 for English 0330-0400, also on 15430 and 17775kHz; 0530-0600 17775, 17830, 21700.

ECUADOR: Radio Nacional del Ecuador, Quito using HCJB transmitters now on 15350, replacing 15115 2155-0030, suffers severe jamming after 0015.

Ambato 4820kHz opens 0900 with National Anthem and full ID, as Radio Paz y Bien, and call HCRT6.

GABON: Radio Japan is using Africa No. 1 transmitter at Moyabi for a test broadcast 0500-0530 on 15405kHz and announces identification in six languages as "This is International Transmission Centre, Moyabi in the Republic of Gabon Africa". Tests concluded on July 8 but further transmissions are planned as Radio Japan intends to use Africa No. 1 for relaying its programmes into Africa.

HOLLAND: Radio Nederland in its tentative schedule for September 25 shows one 500kW transmitter in use from the new Flevoland transmitting site: four 500kW and one 100kW transmitter are being installed and should be fully operational by the end of 1984.

MALAYSIA: 9750kHz heard with identification signal 2155 and sign-on 2200.

NEW ZEALAND: Present schedule is 1800-2100, 0520-1215 on 11960; 1800-0500 15485; 2100-0510 17705; 0520-1215 9620. From October 29 when we move to Daylight Time the schedule shows the use of only two frequencies 15485, and 17705, 1700-1115GMT.

PAKISTAN: Azid Kashmir 4980kHz closing 1802 with chorus singing about Pakistan.

PAPUA NEW GUINEA: Radio Western, Daru 3305kHz heard well at 0900 still on this frequency and not 3050 as reported by Andy Sennitt, Media Network June 30. Radio Central, Port Moresby 3290 strong signal opening at 1900 with full ID and short devotional service with morning music from 1905.

SPAIN: Madrid using 11690 English 1900-2000, French 2000-2100 to Middle East, also to Europe 9765 and 11840kHz.

SWEDEN: Stockholm after testing English 2300-2330 for a week on 11710 now using this frequency on a permanent basis.

U.S.A.: VOA changes to the Pacific 1100 6110kHz replaces 15425, while 11715 kHz is now beamed to this area.

VATICAN: Now has Letterbox second Friday 2210 - 9615, 11830 and 15120kHz.

RTWAVE BANDWATCH

CHAEEL POLLARD of Wellington

selection of contributors this month, although many of our ts with shorter lists than usual. Welcome to first-time ator, P.B.Fowke of Plimmerton 'under shadow of Titahi Bay' who is looking for a trap for 567kHz and harmonics (wonder . What does the P stand for? urley drops a note to say that last month's unidentified on 4800 at 1900 was probably Yakutsk relaying Orbita programs s heard them at 1830 regularly. Chimes should coincide with time (UTC+3). Ta Percy - but where's your usual good list of

y to a query passed on by Bill Huddleston - a 'v' next to quency in these pages means the frequency varies around the listed, sometimes as much as +5khz. An 'm' next to the cy means that the reception frequency has been measured, indicate a variation from previously published details column or elsewhere. banter - into the column we canter!

| MT | STATION & RECEPTION DETAILS | INITS |
|----|---|-------|
| 15 | INDONESIA RSPDT2 Kebumen. ID heard 1315, then music prgm. | RC |
| 40 | INDONESIA RRI Menado. Good with EE/Indonesian lessons; music prgm from 1345 then ID at 1400. | RC |
| 30 | INDONESIA RRI Gorontalo. Good, several IDs 1330-1335 in music prgm after speech. | RC |
| 50 | NAMIBIA. Fair signal but PNG 3290 splash makes copy difficult from 2000. | RC |
| 20 | BURUNDI, Bujumbura. Good to s/off 2102. Some EE records. | RC |
| 00 | INDONESIA RRI Palangkaraya. News relay from Surabaya. | RC |
| 00 | INDONESIA RDK Pandeglang heard with early mng bdcst during Ramadan, many other Indonesians 60 & 90m at this time. | AC |
| 00 | ECUADOR Instituto Oceanografico de Armada. Time signals & weather annmcts in SS, clear, moderate signal. | DMF |
| 00 | PAPUA-NEW GUINEA NBC. Musical intsig; 1920 mx, 1930 s/on. | JB |
| 00 | VANUATU PT.Vila. S/on in Edgin, strong. JB.1100 EE nx, gd. | PF |
| 50 | INDONESIA RRI Surabaya. On late for Ramadan, good. | JB |
| 30 | KOREA, SOUTH. R.Echo of Hope. Good with relig.prgm(?) | CT |
| 50 | CYPRUS BBC. Strong in AA, Big Ben and news 1900. | JB |
| 00 | INDONESIA RRI Kendari. Good, music prgm. ID at 1400. | RC |
| 05 | CHINA PPBS Yunnan I. Good with music. | CT |
| 30 | UNIDENTIFIED possibly AIR Gauhati. Much mention of "malaysia, Sinhapura" with crowd noises, players Noor, Majiz etc.Fair. | PF |
| 40 | COLOMBIA Ecos del Combeina, Ibague. Fair-good level but heavy RTTY QRM. Made readable with ECSS, B mode & audio filter. Full ID 0900. | OC |
| 00 | INDONESIA RRI Kupang. News, mx prgm & IDs 1330. | RC |
| 00 | ECUADOR R.Paz y Bien, Ambato. Open with Nat.Anthem in SS and full station annmct. | AC |
| 00 | VENEZUELA R.Tachira, San Cristobal. Open long EE annmct, then Spanish after s/on with anthem. AC EE annmct celebrating bicentennial of birth of Simon Bolivar (Ed-hero of Spanish American independence early 1800s), through tsmns.OC CT | OC |
| 00 | P.R.CHINA Beijing. S/on to Taiwan? Good signal. | RC |
| 15 | PERU R.Villa Rica, Huancafelica. Poor signal, anthem & SS ID, with Peruvian flute music of Simon & Garfunkel (nice) | OC |

| FREQ | UTC | STATION & RECEPTION DETAILS | INITS |
|------|------|--|-------|
| 4890 | 1050 | PAPUA-NEW GUINEA Port Moresby. Heavy static & poor signal. | DMF |
| 4920 | 1100 | AUSTRALIA VLWA, Brisbane. Regular, VG. BBC live prgm of landing in Europe WWII thru 1200 //VLQ9 9660 6/6. | OC |
| 4935 | 1900 | KENYA Mombasa. Swahili & Somali music. Fair-good. | CT |
| 4966 | 1118 | PERU R.la Voz de Cutervo. Anthem at s/on, prgm 'Amanecer Campesino' fair-good. "Salud para nuestros oyentes internacional de los Estados Unidos a Australia desde Cutervo, Cajamarca, Peru." Full station ID follows. 1157 mailbag prgm ('Servicio Comunicacido') after folklorica mx prgm 20/6. | PE |
| 4975 | 0405 | PERU R.del Pacifico. Poor-fair with SS talks & singing, ID 0417, couldnt get s/off, local QRM blotted out signal. | OC |
| 4975 | 1045 | COLOMBIA Ondas del Orteguzaza. Fair signal, SS ID 1118 with music prgm QRM CC station co-channel 13/6. | OC |
| 4976 | 2025 | UGANDA Kampala. Fair. EE pops to 2030 then African mx to 2057, s/off 2102. 1/7 ID heard as 'R.Kampala'. | OC |
| 5015 | 0905 | ECUADOR Escuelas Radiofonicas Populares, Riobamba. S/on with folklorica, birds, roosters, cows & SS ID "Escuelas Radiofonicas Populares del Ecuador; tres frecuencias 1570 kilohertzios onda media, diez mil wattios de potencia, 5015 kHz onda corta banda de 60 metros, mil wattios de potencia, 91.7 megahertzios frecuencia modulada, 2500 wattios de potencia." Then adress and telephone (Apartado 47-55 Riobamba). Then quechua annmcts | PE |
| 5026 | 1135 | BRAZIL R.Transamazonica. Music & announcements, fair. | CT |
| 5040 | 0455 | PERU R.Libertad de Junin. S/off in SS using pampipes but no anthem. | AC |
| 5040 | 0430 | COLOMBIA R.Ginca, Villavicencio. Latin music, fair-good. | CT |
| 5058 | 0435 | ECUADOR R.Nac.Progreso. Fair with news and music. | CT |
| 5060 | 1045 | VENEZUELA R.Ideal, Caraballeda. Good signal but messy copy, light Latin songs. SS ID 1100. | OC |
| 5945 | 0330 | AUSTRIA ORF. EE news, sports and comment. Good. | CT |
| 5950 | 1150 | NICARAGUA La Voz de Nicaragua, Managua. ID hrd a little below Chines stn on 5950 - just seperable! | PE |
| 5956 | 1111 | PERU R.Huancayo. much Huayno music, good. PE 0830 good. | JB |
| 5980 | 1035 | TAIWAN Voice of Asia. Id & news in English. Fair. | PF |
| 6000 | 1859 | MALTA Deutsche Welle, Cyclops. EE ID then Arabic, strong. | JB |
| 6020 | 0620 | UNITED STATES VOA-Greenville. Exc sig to s/off 0630. | RC |
| 6020 | 0830 | BRAZIL R.Universo, Curitiba. Gospel prgm in PP Sundays. | AC |
| 6025 | 1100 | BOLIVIA R.Illimani. Good signal, occasionally SS IDs. | OC |
| 6040 | 0630 | GREAT BRITAIN VOA-Wooferton. Good signal with nx in EE. | RC |
| 6055 | 0605 | PERU R.Continental, Arequipa. VG past 0800 w/Colombian cumbia music, EE/FF pops, haunting folk mx. Several IDs. | PE |
| 6060 | 0430 | ARGENTINA RAE. Friday prgm on DXing, clear. | DMF |
| 6070 | 1855 | LIBERIA ELWA, Monrovia. Poor sig - jammer on after id 0900 | RC |
| 6085 | 0145 | GERMANY WEST DW. EE/GG lessons to s/off 0150. | AC |
| 6100 | 0355 | CHILE R.Calama. S/off 0355 in SS with orchestral. | AC |
| 6130 | 0700 | ECUADOR HCJB, Quito. "Nature Trail" to SPacific/9745. Exc. | JW |
| 6160 | 0830 | CANADA CKZN St. Johns, Nfld. Fair signal in EE on 300watts! Reports welcomed f/oseas listeners to WIRTH address 4). | OC |
| 6160 | 1030 | COLOMBIA Emisora Nueva Granada. Long talk in SS, fair. | PF |
| 6165 | 1110 | MEXICO Voz de America Latina. Poor-fair signals, SS IDs "La Republica Mexicana" & t/cs. Noted 21/6, better 24/6. Irregular, much QRM. Good 1140, held till 1202. | OC |
| 6175 | 0425 | ANTIGUA BBC. News in EE, good. PF Fair-good. JB | JB |
| 6180 | 0930 | VENEZUELA R.Tourismo, Valera. Ad string & ID, fair. Warble on signal due co-channel interference. | PE |
| 6215 | 2005 | LEBANON King of Hope. Fair with EE gospel, QRM/QRM ID & address at 2012. 29/6 | oc |

| UTC | STATION & RECEPTION DETAILS | INITS |
|-----|--|-------|
| 00 | ALBANIA R.Tirana. Strong in Arabic. | JB |
| 00 | CANADA RCI. Fair-good in EE with DX prgm Mon 1950. | JB |
| 05 | GREAT BRITAIN BBC. Good with "sports Report". | JW |
| 03 | FRANCE RFI. News in French good; 0445 news in EE. | JB |
| 15 | NEW CALEDONIA Noumea. Pop music in French good. Same freq as Dakar and RFrance International. Good PF Fair | DMF |
| 00 | GREAT BRITAIN VOA Wooferton. Breakfast Show strong in EE. | JB |
| 58 | IVORY COAST Abidjan. Fair with clock chimes, anthem & s/on in FF "Ici Abidjan" + freqs. QRM most nights from hams. OC RC | |
| 15 | POLAND Warsaw. Svce to N.America, poor in EE //7145. | PF |
| 11 | WEST GERMANY DW. "review of week's events" good in EE. | JW |
| 00 | MALAYSIA Penang. Good with music in EE svce. | CT |
| 45 | IRAN Kalamabad. Fair with Farsi, chants. | JB |
| 00 | EGYPT Cairo. Fair-good in EE to N/America. 0245 SWF Letters prgm. Closes 0330, often blocked by utility. Anncl//12000. OC | |
| 30 | ALBANIA R.Tirana. News in English at fair level. | PF |
| 00 | JAPAN NHK. O/seas and local news, good in EE. | JW |
| 45 | PORTUGAL IBRA Radio. Relig prgm in EE. Fair-good. | TR |
| 30 | POLAND R.Polonia. Severe interference on this freq. | DMF |
| 45 | FINLAND Helsinki. Finnish 0245-0315 relayed RCanada. | AC |
| 40 | PORTUGAL R.Portugal. "Main Events of the Past Week" Su, fr. DMF JB | |
| 50 | LIBERIA VOA Monrovia. EE ID, close 0600. Poor. PF | |
| 30 | PHILIPPINES R.Veritas Asia. Prgm sched 1028, s/on 1030, gd. TR | |
| 17 | SPAIN SFR. Prospects for imminent tourist season. VG in EE. JW | |
| 30 | AUSTRIA Vienna. New freq in EE to Far East 2130-2200. | AC |
| 00 | VATICAN. Religious service in EE. Good. | JW |
| 00 | PERU R.Nor Peruana, Chanchapayos. Fair at s/on in SS, noted over Thailand 26/6. ECLSB used to cut QRM f/VI49. Peru & Thai IDs at 1200; full spanish ID heard 1257. | OC |
| 47 | FRANCE RFI. News in EE, fair reception. | PA |
| 49 | ECUADOR HCJB, Quito. "Speedx Report" very good in EE. | JW |
| 20 | CANADA RCI Sackville. News in EE, fair. | PF |
| 45 | WEST GERMANY DW. Sports rept (2140) in EE. | PA |
| 45 | SOVIET UNION RM N/American svce. Report fr/Arctic stn. Gd. | JW |
| 47 | EGYPT Cairo. Fair reception in English. | PA |
| 00 | HUNGARY R.Budapest. Saturday DX prgm, good. DMF 0213 | PA |
| 20 | VIETNAM Hanoi?? No ID, like CC. Closed 2255. Fair. | PF |
| 00 | BELGIUM Brussels. Opens FF ID then popular jazz music. | AC |
| 30 | CHINA R.Beijing. S/on 2030, then news in EE. Good. | TR |
| 15 | INDIA All India R. Relig prgm in EE. Fair-good. | TR |
| 40 | GREECE Athens. EE news for 10 mins. Good. | CT |
| 20 | ISRAEL Kol Israel. News in EE, good reception. | PA |
| 00 | SPAIN SFR Madrid. New freq in EE to M/East 1900-2000. | AC |
| 30 | DOMINICAN REP. Clarin. R.Earth in EE 0330-0430, severe interference from Moscow in SS to 0400 then French. AC OC | |
| 15 | CUBA R.Havana. Good reception in EE with sports report. | PA |
| 00 | SWEDEN R.Sweden. Tested this channel 11-18 June, now using on permanent basis from 5 July to replace 11705. | AC |
| 20 | NEW CALEDONIA Noumea. 4kw. Church svce Su, s/off 2305. Gd. PF | |
| 45 | SOVIET UNION RMW/S. Good in English. | JB |
| 38 | AUSTRALIA RA. Australian film festival rept. VG. | JW |
| 00 | TUNISIA R.Tunisia. External svce in Arabic to Europe. | AC |
| 44 | SOVIET UNION R.Moscow. Folk songs, EE svce. Good. | JW |
| 40 | BULGARIA R.Sofia. Propaganda in EE. Good signal. | PF |
| 00 | PAKISTAN R.Pakistan. News & commentary. Good. | CT |
| 59 | GERMANY/POLAND RFE & R.Polonia overlapping int-sigs. Gd. | CT |
| 12 | SRI LANKA SLBC. Su- R.Monitors int, good level. | DMF |

| FREQ | UTC | STATION & RECEPTION DETAILS | INITS |
|-------|------|--|-------|
| 11835 | 0825 | ECUADOR HCJB. "HCJB Hour", good in English. | JW |
| 11865 | 0145 | WEST GERMANY Deutsche Welle. Science rept to N/Am, good | TR |
| 11880 | 0116 | SPAIN SFR. Report on entry to EEC. Excellent in EE. | JW |
| 11895 | 0330 | SOVIET UNION R.Magallanes to Chile in SS. Fair. | PF |
| 11900 | 0130 | ITALY RAI Rome. Opens to N/America in Italian, good. | TR |
| 11905 | 0510 | WEST GERMANY DW. "Window on the World". Good. | CT |
| 11950 | 0030 | CZECHOSLOVAKIA R.Prague. Propagation rept, fair. DMF 0310 PA | |
| 12015 | 2140 | AUSTRIA Vienna. Prgm in EE, good level, slight QRM. | PA |
| 13135 | 1030 | JAPAN Test transmission Friday 17/6, fair. (Who?) | DMF |
| 15060 | 0412 | SAUDI ARABIA Riyadh. Arabic annmts, fair. | PF |
| 15060 | 0412 | IRAN Kalamabad. Very powerful signal; also 2345 etc. | PF |
| 15084 | 0030 | IRAN Kalamabad. Ramadan call to prayer, very good. | DMF |
| 15105 | 0130 | WEST GERMANY DW. Strong signal in English. | JB |
| 15115 | 0140 | AUSTRIA ORF. Morse code practice, 11/6, good. | DMF |
| 15120 | 0130 | WEST GERMANY DW. Good with German programmes. | JB |
| 15120 | 0559 | VATICAN RADIO 20kw? Just readable to ID. Poor. PF 2210 | PA |
| 15150 | 0130 | SOVIET UNION R/S Peace&Progress. Good in PP. | JB |
| 15150 | 0345 | SOVIET UNION "Radio Nacional Magallanes". Nx in SS, fair. PF | |
| 15160 | 0440 | AUSTRIA ORF. Good in EE on production of coffee bean. | JW |
| 15170 | 0130 | TAHITI FR3 Papeete. EE news good, 0145 FF. JB 0320 | DMF |
| 15235 | 0846 | JAPAN NHK. News & comment, exc in English. | JW |
| 15240 | 0835 | NORTH KOREA Pyongyang. Report of meeting with EGermany. JW | |
| 15265 | 1830 | FINLAND R.Finland. Letterbox prgm Mon, very good. | DMF |
| 15295 | 0800 | MALAYSIA Vom Kajang. News in EE, good. QRM HCJB. | PF |
| 15330 | 0555 | UNITED STATES AFRTS. Education probs, world nx. Good. JW | |
| 15350 | 2300 | ECUADOR RNacional, Quito. From 2300 via HCJB but severe jamming from 0015. | |
| 15405 | 2206 | NORTHERN MARIANAS KYOI. "super Rock" EE rock mx, exc. | AG |
| 15410 | 0145 | ANTIGUA DW. Closedown 0150 at good strength. | TR |
| 15430 | 0255 | MEXICO R.Mexico. News & music in SS, fair signal. | DMF |
| 15435 | 1800 | BRAZIL R.Bras. English to Europe -1900, then German. | AG |
| 15435 | 0842 | CHINA R.Beijing. Results of international sports. VG | JW |
| 15435 | 0330 | UNITED ARAB EMIRATES Dubai. Sat-Arab Islamic institutions | DMF |
| 1555? | 0400 | UNIDENTIFIED R.Vatan. Exc sigs. Variable s/on (if at all) Reed instrument just prior to annmt. Sounds like "Enjor Radio Vatana". Noted in May. Help? Suspect Dari.1/7. | OC |
| 17735 | 0245 | CUBA R.Havana. Nx headlines, sport 0253 in EE. | PA |
| 17760 | 0300 | TURKEY Ankara. Back with EE strong but noisy //11740 poor thru QRM. DX prgm Sun 0325. | |
| 17825 | 2100 | BULGARIA R.Sofia. African service in EE, good level. | JB |
| 17840 | 0235 | PAKISTAN R.Pakistan. Heard program in EE (about?-Ed) | TR |
| 17900 | 0507 | SOVIET UNION R.Moscow. Local news very good in EE. | PA |
| 21465 | 1230 | EAST GERMANY RBL. Interview with tourists, fair. | JW |
| 21490 | 0117 | SOVIET UNION RM. "Magazine". //21530. Exc in EE. | DMF |
| 21615 | 2200 | UNITED STATES WYFR. Mailbag prgm in English. Good. | JW |
| 21855 | 0000 | VENEZUELA R.Nacional. Unlisted freq. Good in SS to 0030. | TR |

AND A BIG ROUND OF APPLAUSE THIS MONTH TO:
P.B.Fowke, Plimmerton (PF). Tom Rushbrooke, Auckland (TR).
Paul Edwards, Wellington (PE). Jim Benzoni, Hamilton (JB).
Ray Crawford, Queensland (RC). Jim Webb, Manakau (JW).
Owen Cullen, Hikurangi (OC). Glem Talbot, Mangerā (CT).
Arthur Cushen, Invercargill (AG). Deborah M.Fitzpatrick, Auckland (DMF).
Peter Armstrong, Hamilton (PA).
AND REMEMBER: Contributions in frequency order, please! And initialled!
73s in 83. Michael.

CIAL

PAUL EDWARDS

xico, Mexico DF, R.Huayacoc6tla, s/on peaking fr w/ long deep fades. Overall pr w/mx prgm past 1227. Several ids hrd.
 uador, Quito, La Voz de los Andes. Quechua/SS. Fantastic levels.
 Venezuela, Tovar, R.Occidente, format of two song then anct. Ads 1024. pr-fr level 26/5.
 ru, Juliaca, R.El Sol de los Andes. Exc level w/talks 19/5.
 id LA pr with Ute QRM. Suspect R. Libertador, Venezuela??
 uador, Sto. Domingo de los Colorados, LV del Triunfo. fr but noisy. Spoken prgm of Nx and Ads. ID's as 'R.Triunfo' and as 'R. La Voz del Triunfo'
 Venezuela, F. Mara (Tent) the LA here with ad string.Poor.
 uador, Tena, La Voz del Napo. Gd level w/mx prgm just after s/on. 1101- fr over RTTY w/native mx prgm. Abrupt s/off 1121%
 uador, El Puyo, R.Pastaza. Quite exc at s/on-"Radio Pastaza, Organo de Difusion del Sindicato Provincial de Choferes Profesionales, 3315 kcls onda corta, banda de 90 metros y 1370 kcls onda larga, Amplituda Modulada desde Puyo, capital de la Provincia de Pastaza en la Republica del Ecuador." then anthem 1113-1115% folkloric mx prgm w/ads called 'Despertar Ecuatoriano'.
 atemala, Nahualá, La Voz de Nahualá. tc's and id 1110. fr-gd 20/5
 atemala, Cobán, Radio Tezulutlan- 20/5 Gd w/mx prgm in Indian dialect. SS ids often-"Esta en sintonia de R.Tezulutlan...TGTZ desde Cobán, Alta Verapaz, Guatemala, Centroamerica. En su frecuencia de 4835 kcls en 60 metros y en 3370 kcls en 90 metros." // 4835 25/5 at Gd level.
 uador, Esmeraldas, R.Iris. Nx prgm at VGd level 19/5
 uador, Sto. Domingo de los Colorados, R.Zaracay. Folklorica prgm Intermittant RTTY, otherwise VGd.
 ru, Lima, R.Inca del Peru. Full id at closing of folkloric prgm at 1100-"Este es OBX4E 1280 KHz en Onda Media. OCX4W 4762 kHz Onda Corta en la banda de 60 metros. R. Inca del Peru, la difusora folklorica desde sus estudios en la Avenida Arequipa 24(6 ?) 9, Lima, Peru." Reception Vgd. Recently reactivated.
 asil. Unid station w/lottery game over the phone. Fr but heavy RTTY
 ru, Satipo, R.Cooperativa de Satipo. Long anthem at s/on over Brasil and RTTY. Poor- one day only.
 lombia. Presume Ecos del Combeima pr-fr w/RTTY. Commercial prgm.
 asil, Natal, R.Poti Exc, jingle id 0831 in lively spoken prgm.
 lombia, Florencia, Ondas del Orteguaza. id 1156 fr-gd over CC - "Desde el Radiocentro Todelar de Florencia, les habla Ondas del Orteguaza."
 uador, Quito, R.Tarqui- spoken prgm of mainly Nx. Fr w/het.
 asil, Goiânia, R.Brasil Central noted 27/5 only w/typical prgm of Br mx (hrd well on 4985 other nites)- // 11815 noted pr.
 ntral African Empire, Bangui, R.Centrafricque- mostly spoken. Exc in FF w/ African mx on and off.
 asil, Belem, R.Cultura do Para. Exc w/mx prgm
 ire, Bunia, R.Candip FF, prgm of light mx prgm 23/5.
 ru, Cajamarca, R.Illucán. Folkloric mx prgm- fr level w/v.slight RTTY QRM. Muffled sounding modulation. Finally after months trying !

5954 0920 Bolivia, Siglo Veinte, R. Emisoras Pio Doce, Gd 27/5. Folkloric mx prgm 'Luz el Amanecer' and tc's-"...5 de la mañana con 33 minutos en las estudios de Radio Emisoras Pio Doce."
 6020 0856 Brasil, Curitiba, R.Universo. Exc, PP pop mx prgm and many ids.
 6025 0400 Bolivia, La Paz, R.Illimani. Exc level with full s/off details.
 6030 0752 Canada, Calgary-Alberta,CFVP. weak and pr due noise. Pops prgm w/ brief Nx, Wx 0800. MW ids 'Radio 10-60 CFCN.' heard,22/5.
 6070 0640 Canada, Toronto-Ontario,CFRB. Weak but fr with talks 27/5.
 6080 0824 Brasil, Porto Alegre, R.Cultura de Porto Alegre. Gd level w/typical Br mx prgm. Many ids.
 6085 1035 Colombia, Turbo, Ondas del Darien. Prgm 'Amanecer Campesino'. Weak, pr-fr w/long talks btxt each song. Much poorer by 1100.
 6105 1036 Bolivia, La Paz, R.Panamericana. Exc w/ prgm of beautiful folklorica mx and snippets about Bolivia btxt. 1059 began V.long ad block w/jingle id.
 6130 0618 Canada, Halifax-Nova Scotia, CHNS. Pop mx prgm at V.weak level- but clear on 450m NE Antenna only. Wiped 0633 by HCJB carrier.
 6188 0402 Peru, Yurimaguas, R.Oriente. S/off after anthem. Fairly pr. Fr 1122.
 9655 1227 Peru, Chacapoyas, R. Norperuana. Pr thru OC of R.Moscow (on at 1300). id 1253-"Este es R.Norperuana, el oriente del Peru dice presente. Transmitiendo por sus frecuencias; OAX9F 1270 kcls onda larga, y OAX9Z 9655 kcls onda corta. Voz de la fidelisima ciudad de Chacapoyas, Depto. de Amazonas." (Not Depto. San Martin as in WRH). then ad for 'Pilsen Trujilio, qué buena cerveza.'-Beer !
 9660 1150 Venezuela, Caracas, R.Rhumbos Exc. No sign Australia !
 9990 0342 Peru, Puerto Maldonado, Estación Dos Mil. fr on 25/3 but bad RTTY/RT QRM on next two days. Brand new station-" Desde Puerto Maldonado en nos complacemos...Les radiamos nuestra programación sofisticada para ti que siempre has deseado lo mejor." and asking for advertisers-"Y despues de estos anuncios comerciales de buenas Ganancias anuncia a través de Estación Dos Mil. Estación Dos Mil, brinda publicidad impresios lo que usted precisamente esperaba Señor Comerciante." Off 0403 after anthem.No call or address given.

DX SPECIAL

| | | | | | |
|----------------|-------|--|--------------------------------------|----------------------------------|---|
| <u>Pacific</u> | | 680 | XELG | León, 'La Grande' Good 0533 25/5 | |
| 900 | KNUI | Maui, Hawaii.Lite MOR, Gd peaks,local Nx,1232. | 750 | YNX | R.Sandino,Managua. 0853 fr-gd,mx prgm-few ids |
| 1188 | FR3 | Mata-Utu,Wallis Is.)654 Gd in FF-long talks. | 970 | XEDF | R.Fantastica,Mexico DF. 0820 Gd w/mx prgm over another Mexican. |
| 1210 | KZ00 | Honolulu, Ha.0554 VG in JJ | 1050 | XEG | Monterrey,0505 Gd EE with oldies. SS later. |
| 1359 | 2AP | W.Samoa VG-Island mx. | <u>Caribbean and Central America</u> | | |
| 590 | CMCA | R,Rebelde,La Julia,Cuba 0906 pr-fr peak. | 1060 | XEEP | R.Educación, Mexico DF. 0524 Jazz. Exc all nite. |
| 620 | TGW | LV de Guatemala, Managua fr-gd 0505. Fr 0845. | 1220 | XEB | Mexico DF. 0549 Gd mx pgm. |
| 660 | XEPRM | Mexico DF. pr-fr 25/5 mx prgm heard. | 1370 | XEPA | Puebla. 1149 Exc, pops,ads |
| | | | 1500 | XERH | Mexico DF. Gd id 0503. |

a Consentida', Mexico DF 3618 Gd level-"YEFAJ,R. Consentida,1560 kHz, 10,000 wattios de potencia ejetivo. Una estacion de la Organizacio-n R, Centro. Trabajando para usted desde el Valle de Mexico, las 24 horas del dia." tigua.0345 Gd and steady.VOA Jazz Hr,Nx and off 0400. ribbean Beacon, The Valley, Anguilla.0941 Exc.

and Canada

San Francisco, CA 1241 w/oldies, ids. weak, noisy 23/5.
Miami, FL 0558 Pr. Ids, promos, ABC Nx 0600.
Whita Falls, TX 0447 fr up and down. CBS NX 0500
Arillo, TX. MYL mx 0519 fr over others. Ids on the half hour.
Miami FL. 0532 presume the phone show, mxd.
Las Vegas, NV. 1019, EXC promos, phone show.
Houston, TX. 0828 terrific w/Larry King.
Berquerque, NM. 0932 fr Larry King.
Los Angeles, CA. 0815 Phone Show.
Oland, CA. 0654 Gd over another.
Allen, TX. id, pr 0441
Los Angeles, CA. 0510 Gd steady w/pops, ads.
Sper, WY. 'K-2' id gd at 0653.
Opus Christi, TX. Gospel 1127, Exc.
Aha, NB. 0503, Vgd w/ads.
Gene, OR. 1107 Exc POPS w/ 1130.
Louis, MO. 0811, Gd peak ing over KPNW phone show, lite mx. 0610 Gd, ads

1180 WHAM Rochester, NY 0659 Susan Rush then ABC Nx-3 AM in NY.
1190 KLIF Dallas TX. 0741 much Wx info 'Tornado Watch', VG peaks.
1210 KGYN Guymon, OK. 1137 C&W, ad.
1290 KHSL Chico, CA Good peak 0705.
KRGV Weslaco, TX. 0555 VG peak, pops
1300 KYNO Fresno, CA. 1039 pops and soft spoken YL. ABC Nx 1100.
1310 KDIA Oakland, CA. Nx prgm 0757, Gd
1320 KGMR Sacramento, CA. talkback 0806 at good level.
1370 KFRO Longview, TX. 0936 pr-up&down pops prgm.
1390 KCEY Turlock, CA. 0458 Gospel.
1420 WUNI Mobile, AL. 0905 NBC Nx ends, then C&W, Good.
1480 KYOS Merced, CA. 0725, fr pops.
1550 KQWB Fargo, ND. 'Majic Weekend' pro-mo. 0551 Good peak.
WAAY Huntsville, AL. 0926 peak for 1 minute. On late w/full pwr w/id, tornado warning.
1560 KTXZ West Lake Hills, TX. 0630 mxd MYL format. Fr w/brief peak 'K-Texas Radio AM 15-60'.
1600 KGST Fresno, CA. 0734, SS pops and many jingle ids. Fair.

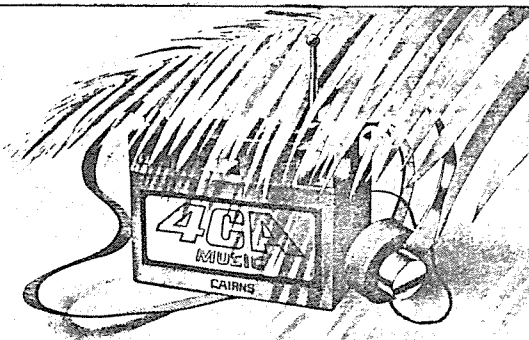
South America

580 YVMJ Voz de la Fe, Maracaibo. 0804 fr-gd. Many tc's.
600 HJHJ R. Libertad, Barranquilla. 0522 Exc peak to 0535 then KOGO
610 HJKL Bogota. 0632 id-fair.
620 HJEL Ciudad de Cali. Fr peak id at 0556.
730 OAX4G R. Programas del Perú, San Isidro. Good often. Wx 0537
850 HJKC Caracol, Bogota. 0715 Fair.
860 HJNJ LV del Canaguante, Valledupar. 0954 fr-gd, mx prgm. Id's - "LV del Canaguante, lo esta dando desde Valledupar, Cesar, Colombia. Nuestra frecuencia 860 kHz, 50 kilo-wattios. LV del C, potencia fronteriza."
880 OBZ4N R. Unión, Lima. brief peak 0933 at fair level.
910 Unid SS. 0358 often. KRIO/ Aeropuerto ??

This special Shortwave and Broadcast Review has been compiled by PAUL EDWARDS DXing from TE ARAROA at East Cape.

960 OAX4D R. Panamericana, Lima. tent the one here 0432 ads in brief peak.
1180 HJKK Neiva. 0651 id 'HJDobleK' La pops.
1190 HJEO Ondas del Valle, Cartago. pr brief peak 0450 w/id.
1230 HJLK R. Calidad, Cali, 0615 sever-al ids, and "R. Sucesos, RCN..." ids also.
1320 OAX4I R. La Cronica, Lima. off 0402 after anthem and id-"OAX-4I, 1320 kc/s... de la patria y OAX4J 9520 kc/s banda Int de 31 metros... Peru."
1360 HJTU R. Reloj, Cartagena. 0410 pr up and down, mx, ids, tc's.
1370 HJBO R. Piloto, Barranquilla. 0718 pr, quick id then under.
1420 HJAP R. Bahia, Cartagena. 0420 good w/ids and music.
1430 YVIT ???R. Altura??? 0429 brief LA peak. Real jumble.
1550 HJCB? R. Exito, Barranquilla, Exc 0447 'Informa RCN' prgm 'R. Sucesos' ids and-"Esta es R. Exito de Barranquilla-1550 kHz en toda RCN, la Radio de Colombia."
1590 OAZ4Z R. Agricultura, Lima. 0435 peaking w/ident, fr.

Three antennas were used:
300m North
450m Northeast
200m East



PIRATE RADIO CHANGES NAME according to the station in a letter to the DX Times. "Radio Freedom/Radio Star has now discontinued using the 41 meterband due to several severe problems, as well as the 23 meterband. We now call ourselves "KIWI" known as Kiwi Radio operating on the following frequencies: 11 844 khz and stronger on harmonics 5 922khz and 23688khz with 5 watts. This power to be increased on conclusion of technical problems. Programs are Country/Western and EZL music. We are keen to receive reports, no return postage required. KIWI Radio, P O Box 1437, Hastings, New Zealand". The letter also notes "KIWI may conclude transmissions permanently in August for economic reasons".

RADIO TROPICAL. I am concerned that some overseas reports insinuate that "senior members of a major NZ DX club" know more about this station than they are letting on. The station has been reported from many parts of New Zealand, and I note that it has apparently given calls to NZRDXL members. No verifications have been reported to the DX Times and no recent reports of reception have been noted. If any member does have information about this station which will clarify its status, then I would appreciate hearing from them. I particularly wish to ensure that our reputation for honest and accurate reporting is not compromised in any way. David Ricquish

ALASKAN TESTS Most field intensity tests for KNLS Anchor Point took place between 5-9 July, mainly on 11940 khz but also on 17880 khz. There were no problems, but FCC go-ahead for programs has not yet arrived so that the target on-air date on 18 July will not be met. There will be a delay of a few weeks, then schedule should be: Russian on 11820 from 0900-1200, 1330-1630, and Standard Chinese on 9690 or 9620 from 1200-1330 GMT. RCI-SWLD 16/July via John Mainland

TIWAI POPULAR The Southland Branch listening post at Tiwai is proving popular with local members and visitors. Thanks to the energetic work of Steven Greenyer and Bob Dunstone and other members, Tiwai includes solar power for lighting and listening. A recent visitor was Bill Wedrig from California..who has just spent 7 years teaching English in Japan and was concluding a 14 nation Asian-Pacific visit. Bill listened with Mark Nicholls and Steven Greenyer, and the following week John Durham of Hamilton heard his best mediumwave reception for many years. So..if you're visiting Southland..call in and use the facilities. More information is available from Arthur Cushen.

Station of the Month

...s of the magazine, we have featured various aspects of the Falkland
ing Station since its new frequency and broadcasting hours made re-
here in New Zealand. Bookstores are now becoming flooded with various
the Falklands War, and the exploits of FIBS staff during the invasion
well documented. Not so well known, is how the broadcasters fared
and the changes that took place immediately after British forces re-
. At the special request of the DX Times, the Station Manager of the
ory of the occupation and more recent events exclusively for members.
ins.....

...role during the occupation was trying to keep our population informed
le of events in Stanley...where obviously the Argentine Governor and
used. We considered this was in the interests of the population, as
alking out. As you rightly say, Radio Nacional of Argentina sent sev-
work with us, and the station became known as LRA 60 Radio Nacional
charming chap called Norman Powell was my equivalent...he was so scared
military...it was untrue. Unfortunately, one or two of the others were
c and we had a number of upsets over who was running the station. I had
dly by the Argentine administration...that I was to remain as Station

...restricted mainly because Powell had his versions of the happenings com-
rgentine sources, and I had mine from the BBC World Service and...on
hand accounts. We generally compromised, and read very little. I read
he in Spanish. The transmissions were extended with propaganda programs,
tina, and transmitted for the troops over the transmitters.

...ish planes bombed the airport at Stanley and the transmitters were closed
nly re-opened for a few hours to rebroadcast...to Argentinian troops...
s which he gave when he visited Buenos Aires.

...bombings, the transmission times were cut back and we were closing down
time as they feared the British would home in on the frequencies. Powell
ntina a week before the air raids. He was quite naturally afraid of what
d made one or two lame excuses, promising to return...which he never did.
nest Dalmau the engineer, was made of sterner stuff and stayed almost
urrender..still throwing his weight around. A young lad, Fernando, also
days before the surrender.

...established, using the Argentine system...and canned programs brought in
. Locals watched the football matches, but little else. TV sets were sold
own payment of \$40. Most people only paid \$60 in all. However, the sys-
ible with the British system...so the sets are of little use now.

...we have had B.F.B.S. personnel working with us at FIBS. Almost immedia-
nflct ended, using our small staff, we extended from 6½ to 10½ hours a
g programs for the British forces. After their staff arrived in Septem-
xtended to take in the Breakfast Show and an Afternoon Show...totalling
adcasting a day.

...ference installed a VHF transmitter on 96.5 mhz FM which has a radius of e
lost the 536 khz mediumwave transmitter...which was very old anyway.
entire troops kept it switched on at night as well as during the day..
damaged the valves. The antenna system was destroyed also. We now
khz until 4:30pm local time each day, changing to 2370 khz from then
t 10:30 pm local.

...taff from B.F.B.S., one of whom is seconded from the BBC. Several pre-
om B.F.B.S. are broadcast, with in addition, relays of BBC News. Local
come in during the evenings to undertake continuity. We have received a
ports from NZ during the last few months..including one from Diana King,
r of the station who enjoys listening to the Breakfast Show!

NEW MEMBERS

Welcome to these new members who joined during June.....

Awanui (W Barlow), Whangarei (G T Bell),
Auckland (Brent Allred, C P B Reynolds),
Mt Maunganui (R Parsons), Wanganui (K D
Coker), Wellington (John Miller), Dunedin
(D M Clark), Gore (David Wilson), Aust-
ralia (Andrew Elwell NSW, R F Howells
VIC), Tahiti (Lan Ah Loi Georges)

We look forward to enjoying your contribu-
tions in the DX Times!

INTERNATIONAL DIARY FOR AUGUST 1 Switz-
erland National Day; 2 Niger Independ-
ence Day; 3 Bolivia Independence Day; 6
Jamaica Independence Day; 7 Ivory Coast
Independence Day; 8 Upper Volta National
Day; 9 Singapore National Day; 10 Ecuador
National Day; 11 Chad Independence Day;
13 Central African Empire Independence
Day; 14 Pakistan Independence Day; 15
South Korea Independence Day; Congo Na-
tional Day; 17 Indonesia Independence Day;
Gabon Independence Day; 19 Afghanistan
Independence Day; 23 Romania National
Day; 25 Uruguay Independence Day; 31 Mal-
aysia National Day; Trinidad and Tobago
National Day.

Marketsquare

MEDIUMWAVE STATIONS IN JAPAN is a most
comprehensive listing of all stations in
Japan including low powered repeaters.
ID information, addresses, transmitter
sites for NHK/private stations as well as
a map of Japanese prefectures. This 24
page publication is now available for the
cost of \$US 7 from Toshihiko Oka, 64,
Sumiyama-cho, Kameyama City, MIE 519-01,
Japan (International Money Order or Bank
Cheque) and is published by the Far East
Radio Club.

RECORDING TAPES are available, all used
and ex-BCNZ. The 5" spools are \$2 and the
7" spools are \$3. Write today, to Arthur
Williams, 26 Centre Street, Invercargill.
Postage costs are extra.

COMMUNICATIONS RECEIVER is for sale. It's
a Kenwood Model QR666, just \$350 o.n.o.
and in excellent condition. Graham Snee
can be contacted at 67 Abraham Crescent,
Palmerston North (phone: 82 376 P.North)

COMMUNICATIONS RECEIVER ICON ICR 70 is also
for sale..it's only a few months old, modes
AM,SSB,CW range 100khz-30mhz, price: \$1080.
Contact M A Pinfold Millars Road, Lake Oka-
reka, Rotorua (phone: 53 443).

LETTER FROM INDIA In a recent letter to the
DX Times, the Director of Adventist World
Radio (Asia) tells us of a special edition
of Radio Monitors International which will
be broadcast on Sunday 23 October. According
to Adrian Peterson, the entire program will
be dedicated to New Zealand broadcasting and
DXing. This should be a most entertaining
program, so mark your diary now to tune in
on 23 October. Adrian comments also that the
DX Times is "very interesting and very read-
able" and sends his best wishes to all League
members.

TELEVISION PROGRAM FEATURES DX HOBBY Arthur
Cushen says that the Spot On team will be
visiting Invercargill shortly and plan to do
a program on the radio listening hobby. This
will be aired within the next few months, and
should increase interest in DXing. Spot On
can be seen at primetime 5:30 pm Sundays on
TV One throughout the country.

PACIFIC TELECOMMUNICATIONS COUNCIL is holding
a workshop and seminar at Wellington on 27
July and more than 200 telecommunications
experts from Asia, the Americas, the Pacific
Islands and Europe are expected to attend.
Various speakers will cover topics connected
with broadcasting and communications in the
Pacific.(The Chief Editor has accepted an
invitation to attend.)PTC Press Release

LADDER WINNER ANNOUNCED the winner of Junior
Broadcast competition was Andrew Gardner with
an increase of 50 stations in the period, and
moves into the Intermediate section with a
new total of 151 verifications. This entry
was received before the closing date for the
last issue, but was mislaid. Congratulations!

LETTER FROM LONDON and Duncan Fraser writes
"whilst here in the UK I am a member of the
UK World Radio Club, but continue my sub to
the DX Times which is read with interest.
With FM opening up in NZ now, it's the be-
ginning of an exciting new chapter in NZ DX-
ing." Duncan also asks if World Radio Club
can reproduce articles from the DX Times....
and the answer is always yes, provided due
acknowledgement is given to the source.

W ledonia

SPECIAL OFFER DX CLUSIVE

4 SEPTEMBER - 19 SEPTEMBER 1983

A UNIQUE OPPORTUNITY FOR DXers TO LISTEN
FROM THIS PROVEN DX LOCATION - and ENJOY

16 DAYS IN THE SUN FROM ONLY

\$839 plus tax

share twin

BUT YOU MUST ACT THIS WEEK !

Air New Zealand is operating its regular services on 4 and 19 September with 747 aircraft to cater for the migration of Noumea schoolchildren. That means more seats and a greater opportunity for New Zealanders to visit New Caledonia at the BEST time of the year ! Atlantic and Pacific have reduced prices on their popular Explorair holidays by up to \$248 for travel on these two flights. Based on earlier DXCURSION experience we know this opportunity to laze away in the sun - and DX as well - will appeal immensely. There are two options - stayput Noumea, or stayput on the new tropical resort Relais de l' Escapade just two miles offshore from Noumea. At time of going to press three DXers have already registered. Ask for the SPECIAL OFFER NOUMEA EXPLORAIR brochure from Atlantic and Pacific offices, or Air New Zealand - and book early. (P.S. If you stay triple the above price comes down to \$799. That's value !

16 Day Stayput

Special Features

- Air New Zealand 747 service Auckland to Noumea and return
- 15 nights' accommodation at Noumea Beach Hotel, L'Escapade Island Resort or the New Le Surf Hotel

Itinerary

SUNDAY 4 SEPTEMBER: AUCKLAND/NOUMEA.
Leave Auckland by Air New Zealand Boeing 747. During your two and a half hour flight, dinner will be served and you'll enjoy all those extras you come to expect from Air New Zealand's inflight service.
On arrival in Noumea, you will be transferred to the L'Escapade Resort.

MONDAY 5 SEPTEMBER TO SUNDAY 18 SEPTEMBER: NOUMEA.

Your days are free from organised tours, so that you can enjoy New Caledonia as you choose. Spend some time exploring the island, or just relax in the sun and do nothing at all. Enjoy the many beach activities, laze beside a freshwater pool, or perhaps take a cruise around Noumea's lagoon. Visit the many restaurants or boutiques, and in the evenings spend some time at the Casino Royal. There's plenty of time to do it all.

MONDAY 19 SEPTEMBER: NOUMEA/AUCKLAND.
Time today for some last minute shopping or sunbathing before leaving the hotel - your room is held for a late departure. You'll be transferred to Tontouta Airport for the return Air New Zealand 747 service to Auckland.

Holiday Includes

- Return economy class air travel
- Transfers throughout
- Accommodation on a room only basis

NOUMEA BEACH HOTEL

The Noumea Beach Hotel is ideally located on the Baie de Citrons, directly across the road from one of the best bathing beaches in Noumea. The hotel offers 100 comfortable rooms on three levels, each level being serviced by a lift. Rooms are air conditioned, and feature tea and coffee making facilities, a fridge, colour television with a separate channel for video, radio and piped music. A large percentage of rooms provide a bath and shower.
The Noumea Beach Hotel offers both a licensed French restaurant and a Japanese "Teppanyaki" restaurant. There is also a snack bar and ice cream parlour located at one end of the hotel.
Laundry and drycleaning are provided on a same day service.
The hotel provides complimentary beach activities. Once a week, there is live music in the lounge. A free shuttle service is also provided to the Casino and guests are given a CFP 1000 free chip.
The Noumea Beach Hotel accepts American Express, Diners and Visa credit cards.

Visiting New Caledonia

A valid passport and onward or return ticket are required for New Zealand or British nationals. A smallpox vaccination certificate is not required for passengers arriving direct from New Zealand, Australia, Fiji or Vanuatu.

Night Life

Most hotels have excellent restaurants. Noumea itself offers a wide choice of bistros and restaurants, with menus ranging from the best French specialties to the most exotic Tahitian, Indonesian and Vietnamese dishes...so many different cuisines, but all making extensive use of the tasty local seafoods, vegetables and tropical fruits.
You can find yourself in some lively little nightclubs after dark, usually without having to pay a cover charge, even when there's a floor show provided. Most of the clubs are quite informal, very friendly and very flexible in that they can often go out of their way to ensure you get the kind of entertainment you enjoy.

Stores and Shopping

Most items are not cheap by New Zealand standards, though bargains are to be found. Higher prices are off-set by the availability of many exotic luxuries not normally available in New Zealand.
Look for the special "Duty-free" sign displayed in store windows: it entitles you to a discount on presentation of your passport. A duty-free shopping card will be given to you to make shopping easier.

Lying in the Sun

The climate in New Caledonia is warm and tropical all year round. Average temperatures range between 21° to 32° Celsius. During the dry months from May to September there is lots of sunshine and warm weather. However it can be cool in the evenings.

RELAIS DE L'ESCAPADE

This island resort is brand new: a 44 room complex which includes the very latest amenities. All rooms have private facilities and showers and each room includes an overhead fan for your comfort.
A licensed restaurant (with bar) serves French cuisine, and provides a dinner show three times a week. A disco operates for the younger set.
All the beach activities you would expect from an island resort are available, including snorkelling, fishing, skin diving, windsurfing and a glass bottom boat. For those who prefer it, there is a fresh-water swimming pool.
A regular transfer service operates between L'Escapade and the Noumea Yacht Club, providing four return transfers daily.
The resort will accept American Express, Diners and Visa cards.

Council held its 1983 Conference in London during May, and the DX Times by Larry McKinney. The New Zealand Radio DX League is an Observer Club

130 people at the Conference and broadcasters from Radio Australia, ORF, HCJB, Radio Cairo, Radio France, Amitie Radio, Radio Berlin, ERF-TWR, TWR, Deutschlandfunk, BBC, AWR, Ghana Broadcasting Corporation, Radio Luxembourg, Radio Korea, Radio Netherlands, Radio Exterior de Espana, International, Swiss Radio International and Voice of Turkey.

The event, and delegates enjoyed tours of facilities and a reception before business. Major lecture was given by Keith Edwards (Assistant Chief External Services) about the World Administrative Radio Conference 1984. Anecdotes in the 6 and 7 MHz bands will occur as the sunspot minimum approach. Number of channels suffering deliberate interference will increase. Other new technical developments, mediumwave DXing in Europe, BBC Monitoring presentation by Eddystone Radio. The Conference Dinner had as guest speaker, presenter of "Earthlink" over Radio Luxembourg and Billboard Magazines 81-82 Personality of the Year.

Well attended, and covered topics such as the future of telecommunication of the DX hobby, jamming, and the broadcaster-listener dialogue. Later, into two groups, one visiting the BBC Monitoring Service at Caversham visiting the BBC transmitting site at Daventry before meeting together in conference was wrapped up with reports from the work groups and a special World Communications Year 1983.

Sorry for his report! Reports on the various work groups will be published in newsletters and edited highlights on some of the more important issues in the DX Times.

NEW ZEALAND RADIO DX LEAGUE

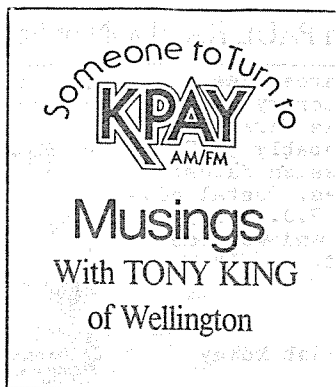
General Meeting of the New Zealand Radio DX League is set down for Saturday, 16 December on Saturday, 16 with similar arrangements as in The North Otago Branch necessary bookings, and information in the DX Times.

Intended to send any agent-National Secretary before and the annual inter-competition entries should be in competition Secretary, P O Box 100. This competition is the Banton Cup with 24 QSLs and the Hope McGregor Cup shortwave. The Columbus Cup for the aggregate best are simple, no more than any 1 member, either shortwave, and no more than the same station can

So attend now, meet old and new ones! Saturday, 16 December. Arthur Cushen

COUNTRIES LIST might be a topic on the AGM agenda says Paul Ormandy (Oamaru). In a letter to the DX Times he writes "As to Bryan Clark's idea on Argentine Antarctic becoming a separate country - something I also have a vested interest in - could you please tell me are the following separate countries: Namibia, Transkei, Azad Kashmir, Jammu or Tibet. I think the geographers amongst us must lay the foundations to redraw the countries list and make this a major discussion point at the next AGM".

This is an excellent idea. The countries and points lists both need revising, and perhaps the AGM can establish a working party to take it further. Cecil Symmes has produced a major paper on this topic which such a working party could consider, and there is also the question of having a list more in common with other SPARC members. Of course, the advent of computers now also allows us to calculate the exact distance from a transmitting site to a receiving site anywhere in the world - and maybe each member will receive individual points based on the characteristics of his particular reception. A good AGM topic. David Ricquish



Observations, comment, opinion, questions and technical matters - all in the spirit of the DX hobby.

Museman

M Could someone please advise me how I can fix the image problem on a National DR28, without having any internal modifications? writes Gilbert Howell, 28 Beacon Hill Road, Seatoun, Wellington 3. How can I also maximise the usefulness of a 12 - 15' whip aerial? Images of Radio Australia, Madrid and others are quite a problem in most areas of the SW spectrum, especially below 6 Mhz.

M Bob Logan, Auckland writes: "I note with great pleasure that the latest issue of the Times has an ad. for smoking! To the right of the intro to the Falkland Islands Broadcasting Service in the last issue, was a sketch of a hand with two fingers extended, and a cigarette between, and a hand holding a 'mike'. Yuk. I believe that the Times is for our enjoyment with our radios and not for the enjoyment or otherwise of smoking. When Wills or Rothmans start paying for the Times I shall stop my subscription, sell my gear, and try to learn how to play marbles, because every other ball game advertises that smoking is good for you." (The relaxed "smoking hand" is the station logo - for reasons best known to themselves.)

M Morris Sturgess, Rotorua writes, "I am an amateur DXer and have had very little contact with other DXers either because I cannot find the time or because I live away from a large centre. I need some motivation and would like to get together with other DXers in the area. The competitions in the Times seem to me to be aimed at people with much more experience than me. Could we have a beginners competition, a bandscan perhaps, but not ask that all stations heard on the scan be positively identified. Another idea is a target number of stations for beginners to identify (by some distinctive feature of what you can hear) over a four week period. Or, another idea, suggest that a special aerial type be made, and members report back the success and effect this aerial had on their reception. Comments please to musings or Box 2242 Rotorua.

M Mike Coatham, Whangarei writes "I got interested some years ago in radio and electronics whilst still at school. I joined the League earlier this year mainly to find out more about TV DX. I'm an audio (Hi Fi) nut, and my main interest just now

is centred on the new FM stations MJK 91 FM and ROQ 89 FM in Auckland. Reception here of these two stations is excellent and I have sent out reports to both. I have a verification back from 89 FM in the form of a very nice letter giving details of their transmitter - a Harris FM 10K with an ERP of 50Kw. QSL cards are still being printed. Both MJK and ROQ have the same power output but ROQ is much stronger here, and noiseless stereo is the result. My gear consists of a Technics ST-Z11 tuner (FM/AM), AWA ST964 Tuner/Amp. FM signals are fed via a Hills FM5 aerial. I intend to build a loop for MW. Could anybody help with a VHF masthead amplifier circuit - hi gain/low noise, as I want to have a go at picking up the Aussie FM stations. I've lately detected a weak signal on 94.6 MHz, and another on 95 MHz. Something for me to ponder over." Address: 19 Avon St, Whangarei.

Doug Milligan, 270 Stout Street, Mangapapa, Gisborne writes: "I would like some info on the sort and size of antennae used by the FM DX boys." You should get some response to that one, Doug!

With PAUL RAWDON of Eastbourne

Greetings, news is a wee bit on the scarce side this month with the granting of another temporary licence for Goldfield Radio. CHRIS SUTCLIFFE of Thames in his first cont-

ag:

WELLINGTON verie from LMJK signed by Rob McKay

WELLINGTON verie from LMJK for reception in Wgtn.

's QSL MJK provided the following technical run down: e: BGNZ facility, Waiatarua, West Auckland. 36° 55' 05" E. 391 metres above sealevel. Transmitter:Harris

aring a lot about satellite "DXing" these days, some nndering advantages satellites have over the more s of broadcasting. The following sent in by CHARLES

o Society rts work M station

make some alterations to the inside of the building so there would be space for the technicians to set up a full recording unit for groups of singers or actors.

During the next few weeks, the record library, office block and on-air studio will be set up so that the society can have a trial run before the official opening.

The society currently has an application be-

fore the Broadcasting Tribunal for a short-term broadcasting authorisation for an FM station in Thames from August 14 to September 10.

Workers were still needed to get the station off the ground, he said.

Some people had offered to help, and he hoped more would come forward now that the society had a home to set up. Working bees will start today.

communications, including TV distribution in remote areas. Technically an Australian satellite could include coverage of nearby countries and regions at a small increase in cost. However, coverage towards NZ would be limited if a significant part of the satellite's capacity were devoted to TV. This is because the satellite would need to be positioned to the west of the service area to keep the satellite in daylight during peak usage time. (To power the solar cells.Ed.)..... Satellite DX would open up a whole new world for DXing. It will be interesting to see what happens in the future regarding the legal issue here in NZ.

At the forth-coming Scout Jamboree in Feilding, the DX Post will have TV and FM DX facilities.

Radio licence granted

The application for a temporary licence for an FM radio station in Thames has been approved.

The short-term warren means the Goldfield Community Access Radio Society will be able to broadcast as programmed for four weeks from August 14.

Station manager, Colin Broadley said yesterday the society still had to meet two requirements set by the Broadcasting Tribunal. These were to provide a copy of the approval from the Civil Aviation Division of the Ministry of Transport of the signal strength coming from the last transmission, and to provide a completed insurance policy.

Mr Broadley saw no problem in complying with either requirement. (See earlier story on page 8).

Some 40 years after frequency modulated radio was first introduced in the United States, Auckland has witnessed the delayed birth of two stations which have the technical characteristics known as FM stereo radio.

For readers who are outside the signal area of these stations, roughly paralleled by the land mass between Whangaparaoa and the Bombay Hills, the aural effect is the added dimension of space and depth similar to any good stereo record or cassette sound.

In the race to be first on air, Metropolitan FM, promoting itself as Radio Majik after its call sign MJK, has by now been listened to by the majority of Aucklanders. Stereo FM followed late in May.

To date no research has resulted in listening habits. And this is where the listener is asked to make a quantum leap in behaviour change.

The listener must make a distinct and conscious effort to switch the set from AM to FM and then twiddle the dial to find the station. This is located past where the listener would tune to the local YA station; at the opposite end of the dial to the usual commercial station location.

Auckland is the testing ground for the AM stations to repel the dilution of listening audience caused by the new entry. Radio Hauraki has undergone a repositioning exercise caused by the commencement of FM and the loss of two of its disc jockeys to Stereo FM.

Radio New Zealand has stepped up its marketing activity in a number of directions. Programme formats have been revised, news supply and dissemination have been upgraded along with sports coverage. Marketing has become more visible and more aggressive.

As a way of gaining major support from advertisers around New Zealand, MJK has opted to let the Radio New Zealand sales team act on its behalf. And this is typical of the difference between the two new entries.

Whereas North Shore based MJK has opted for a format which emphasises music above its announcers or its news service, Stereo FM has opted for top stars such as Fred Botica and Kevin Black as well as Ian Watkin and Derek Paine.

The investment in FM is substantial. Between the two new stations it represents almost \$2 million in set-up costs. Two thirds of this is with Stereo FM, part of whose shareholding lies with Wilson



and Horton. However all the directors, who are rolled-up-sleeves working people on the new station, are fully committed by share purchase. This makes for an interesting working environment.

The results of this investment in time, money, people and promotion remain to be seen. In the end the decisions for station viability and long term survival depend on the customer.

Although Stereo FM states that two out of three people now listen to FM radio in the USA, this does not hold true in all markets. The latest survey in Sydney shows that AM stations hold the top three places and FM is fourth with an 8.8 per cent share and fifth with an 8.6 per cent share. The same picture is repeated in Adelaide. In both cases AM stations continue to hold the major share of audiences aged above 40, while FM stations attract the listener aged from 10 to 24 as a core audience.

Stereo FM sees programming as a careful blending of music, announcer, news and commercial content which become the end product. For them no single factor is sufficient.

The station also sees the need to aim

for a significantly higher standard in radio than is currently available. One way they intend to achieve this is to pay top money to top people working in the best creative environment — and allow their stars sufficient time off station to do TV or recording work of their own.

As if to put their money where their mouth is, this new station has taken a floor in a new building, which from its seventh floor eyrie looks across downtown Auckland from the panoramic windows of its studios. The studios float on their own rubber protected concrete pads to ensure the best possible sound output.

To reinforce their conviction that everything must be done correctly, the station sound will reflect a major research study conducted in 1982. This study segments the market by psychographic factors. The station management intends to check its validity in a few months' time to see if the fit between the "product" and the customer is as close as they wish it to be.

It would take a brave man, or a very foolish one, to predict the outcome of this battle for the airwaves. No one yet knows

RNZ Looks For 'The Best' In AM Stereo

Staff Reporter Hamilton
Radio New Zealand will definitely provide its listeners with AM stereo sound.

It is now mainly a matter of deciding which system is best.

Broadcasting Corporation engineers, representatives of the electronics manufacturing industry, and Radio New Zealand executives spent Tuesday afternoon at Radio New Zealand's Hamilton premises listening to AM stereo testing tapes.

Very Happy

The station manager in Hamilton, Mr Stuart Stubbs, said corporation engineers were very happy with the AM stereo tests.

"But we have to decide which type of AM stereo system we want," he said.

"There are about five different brands to choose from and they are all slightly different. Even the Americans cannot decide which they think is best.

"But once we choose, it

is just a matter of going to the corporation board with our plans."

Mr Stubbs said AM stereo was not as good as FM stereo, but it was better for car radios.

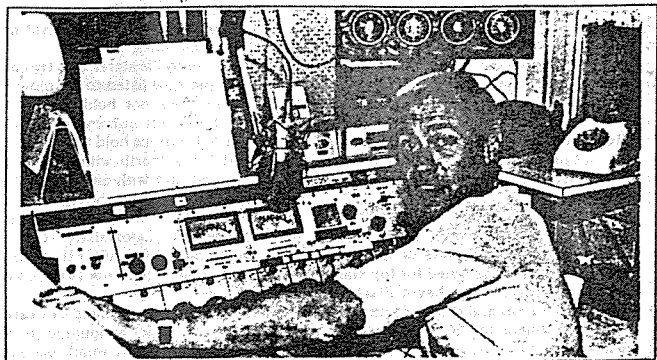
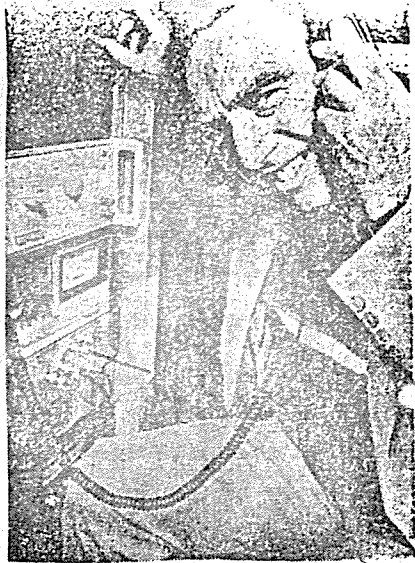
Not Expensive

"FM stereo tends to disintegrate when played in built-up areas," he said. "The AM stereo would be the answer for mobile listeners because having buildings all around will not affect its quality."

He said that at this stage of testing, the stereo transmission system seemed to be fully compatible with existing mono equipment and it would not be an expensive exercise for Radio New Zealand to provide AM stereo.

When the tests in Hamilton are completed tomorrow, further testing will be carried out at Auckland's IZM.

The RNZ national operations manager, Mr S. Williamson, listens to the sound of AM stereo.



Peter Sinclair of Auckland's Radio 1 . . . meeting the FM challenge

Australian Broadcasting Commission

Note: Since preparing the following article, the ABC has become the Australian Broadcasting Corporation. At this early stage it is not clear as to the impact on 'what we hear', but if the following extract from the new Corporation's Charter is any guide, it should be business as usual. The new ABC is required to:

- provide within Australia innovative and comprehensive broadcasting and television services of a high standard, together with concert management.
- transmit to countries outside Australia broadcasting and television programmes of news, current affairs, entertainment and cultural enrichment.
- encourage and promote the music, drama and other performing arts in Australia.

The following overview of the Australian Broadcasting Commission is derived from material published in the ABC's 50th Annual Report in 1982.

ABC operations can be summarised as follows:-

- a medium wave (AM) radio service on 3 networks, through 94 stations;
- a domestic shortwave radio service via 6 transmitters;
- a round-the-clock FM stereo radio service from the ABC's Adelaide studios, relayed to 14 regions in all states and the Australian Capital Territory;
- a colour television service of 1 network through 251 transmitters and translator stations, including programmes by Intelsat satellite to communities in outback Australia;
- round-the-clock radio 2JJJ-FM Sydney broadcasting in stereo contemporary music programmes for young adults, relaying from midnight to dawn through 2CN Canberra and 2NC Newcastle
- an overseas service, Radio Australia, with 11 shortwave transmitters and broadcasts in 9 languages.

Radio 1 is a network of 8 AM stations located in each of the 7 capital cities and in Newcastle - 2BL 702kHz, 2CN 1440, 2NC 1233, 3LO 774, 4QR 612, 5AN 891, 6WF 720 and 7ZR 936kHz. All carry locally-originated programming for approximately 14 hours a day. Major news and current affairs programmes originate in Sydney. Radio 1 stations provide a wide range of information programmes in addition to news and current affairs, together with a base of popular music, a comprehensive sporting coverage, comedy and drama. Parliamentary broadcasts are also carried.

Radio 2 is an 8-station network providing a mixture of mainly serious music and spoken word programmes, including news bulletins. Network stations are 2FC 576kHz, 2CY 846, 2NA 1512, 3AR 621, 4QG 792, 5CL 729, 6WN 810 and 7ZL 603kHz.

The largest ABC Network is Radio 3, with programming originating from 29 studios through 77 transmitters. Those with their own studios are 2BA 810, 2CO 675, 2CR 549, 2NB 999, 2NR 738, 2KP 684, 2NU 648, 2WN 1431, 3GI 828, 3WV 594, 4QY 801, 4QA 756, 4QB 855, 4QL 540, 4QN 630, 4QS 747, 4RK 837, 5CK 639, 5MG 1584, 5MV 1593, 6GF 648, 6GN 828, 6AL 630, 6PH 603, 6BS 684, 7NT 711, 8AL 1377 and 8DR 657. The Radio 3 format is a mix of light entertainment, news, sport and spoken programmes.

In August 1980, the ABC arranged for its Radio Australia programme to be retransmitted from midnight to dawn through all Northern Territory regional stations. Subsequent attempts to extend this all night MW operation to Western Australia and South Australia regionals plus the ABC Broken Hill and Wilcannia stations in New South Wales have been unsuccessful with Telecom Australia, who provide all transmission facilities, objecting to the extra power costs involved in 24 hour operation. (Oh that we were similarly enlightened in NZ, hi! BC)

As at mid-1982, ABC-FM's 24 hour stereo transmissions served all state capital cities except Darwin, plus 8 provincial and country centres, making 15 transmitters in total with a combined output power of 835kw. All broadcasts originate from the ABC studios in Adelaide. Further extension of the network is continuing.

The ABC is funded mainly by Parliamentary Appropriations. In the year to June 1982, these amounted to over \$236 million. The Commission generated around \$10 million in revenue itself, mainly receipts from Public Concerts and merchandising. In the latter case, ABC Shops have been established to sell books, records and tapes, many produced/published by the Commission. Operational expenditure included \$61½ million to the domestic radio service, \$8 million to Radio Australia, and \$127 million for ABC Television.

On 4 July 1982 the Dix Committee Review of the ABC resulted in the Australian Government announcing that legislation would be placed before parliament, to revise the powers and functions of the ABC.

BRYAN CLARK

st DX

With PAUL ORMANDY of Oamaru

WU-pages everyone! Whether you are young or old, and old hand or just a will be plenty of interest for all in these pages. whilst on this encourage everyone to contribute no matter how little or how much share, it all counts towards a greater club spirit. Latins feature the logs this time with a few quick replies in evidence, they are a test challenge for the DXer as their sporadic verification policy, ss, attractive QSL's, pennants etc. make the chasing of them very ave to be patient, you may have to send many follow-ups and it may me in postage. but the pro's outway the con's. If you have't logged so this season, get an experienced DXer to help you if need be and upon a listening tour of South America, the Caribbean and Central !! Well the mailbag isn't quite as full as it has been lately, so l n will be over for most of you real soon. Now in we dip.

Cham Is.

he was first in. Thanks for the call Tony. Loggings are TWR 1467 2AP 550 KZ00 1210 KPUA 970 KIPA 1350 KAIM 870 KHLG 850 KUA1 720 2YZ 22C 12 4XF 5RM 4QF 4QR 6WF KFGD 1550 4JK KGUM 567 R. Fiji Sigatoka 1206 aville 1X? 1404 4XT 1305 1ZE 1YE and rewards from Singapore 792 2YZ JW 4AT 2AN 4QD 2TR 4QW 4LG 4QL SAA 4QA 2KO Caymans 1555 TWR Monaco L 1575 4XF and Dargaville 1404. My you have been very busy-must have re time. Hope the Latins have improved.

Invercargill

J and Reida, Arthur! Arthur reports a good opening to South America on otherwise no logs-however that hasn't stopped the postie calling with 31 Honiara 1035 H4B Gizo 945 4BU 1322 2XL 801 (Rhema-Nelson) 3XR Rhema JV 1692 Caymans 1555 LR11R. Universidad 1390 (good!) 4XT 1305 2FC 576 a replying, must have said your prayers right. I fear that one day you stations!

Milton

one in from 2XS. Nice to hear from you Jim. How is FM Stereo recept- id in your neck of the woods? Please write in often. '73's

er Hutt

ases for his meagre contribution (go on-I have't heard them all yet!) to 2RPH and one in from Noumea 666. Further to last months verie from on, Yuzhno-Sakhalinsk (see the, grimace, turn green) Brian gives detail 'technical' aerial e.g. 30m long 3m high strung between two broomstick arage one on the fence. Watch out fo witches carrying bed-knobs!!

Invercargill

i.e. CFGM 1310 2KA 1476 3RPH 1629 HJKX R. Mundial 1370 WMOO 1550 and bean Beacon 1610 4X1 1305 and 2KA 1476. Good to see the Yank's are there. How many States have you verified Keith?

uckland

new aerials Percy has a swag of logs i.e. A3Z 1017 R. Fiji Sigatoka 4WK Noumea 666 Tuvalu 621 2XL 5DN 1XR Mystery Creek YJ8Z 1125 2AP HI 900 WVUV 648 2CO 1575 4Z8 and veries back from 1YB Airshow R. 603 558. Let us know how you get on with the aerials Percy. Have you made ctional?

moana

veries back from Caribbean Beacon and SRS Paramaribo Surinam 725 roa loggings. Well done, especially SRS, not an easy catch. More soon!

Invercargill

the NZPD van at the gate with more QSL's i.e. KJJR 1400 KOJM 610 70 CHOK 1070 CFJC 550 CKAN 1480 CJME 1300 CFGL 1190 KCSR 1420 KRML 3CA 1450 KHRT 1320 IDF Strasbourg 1161 KGLE 590 KUCK (hmmm... that one is-spelling) CKJD 1110 CFOC 1150 (border info. station at Sarnia) 1600 CHAM 1280 2KA 1476 CHIN 1540 BBC Wrexham 657 CBQ 800 CBLR 1010

...CBEN 1010 CBLW 1010 CBLB 1340 CBLR 1090 (the last 5 all 40watts) KDAY 1580 (at last) KLAY 1480 4XT 1305 KSKO 600 6VA 883 KROX 1260 KWIL 790 WJJO 1160 (after 30 yrs) CKDK 1340 CJOR 600 CKAY 1500 CKAR 1350 KLBB 1400 KOHI 1600 KRKC 1490 Banff Park 1230 ??? KIEV 870 CHNO 550 WDR Langenburg 720 and whilst visiting Dunedin called in to Radio Otago's studios and collected QSL's from 4XO 4XC and 4XA. Well if the Mountain went go to Mohammed!! More next month I presume.

Lindsay Robinson, Invercargill, Melbourne

After an Aussie holiday has logs of 45B 2GZ 3CV 7EX 3CS 4QN 5CK 7SD 2CC 4GR 3YB 3UL 3EA 4GG 3CR 3MT 4AM with QSL's coming back from 4XT 1305 Dargaville 1404 2XL R. Fiji Labasa 891 7SD KIXZ 1560 and KQWB 1550. Fancy going to Oz. to log Aussies-that's where the African's are!! Coming up soon?

Bryan Clark, Auckland

Getting to the Latin scene with reports out to HJHJ R. Libertad 600 YVMJ La Voz de la Fe 580 CMJP R. Reloj 1190 CMCV R. Progreso 1160 and a lone QSL from KTXZ. Conditions have't been particularly brilliant down here but here's hoping!! Thank's for the QSL details. Good luck with the Latins.

Mark Nicholls, Queenstown

Another to taste the delights of Latin DX with Tiwai loggings of HJQZ R. Principe 1580 HJEB La Voz del Turismo 1290 HJPX R. Olimpica 1480 R. 24 Colombia (?) 1440 La T de Monterrey XET 990 Caymans 1555 Tuvalu 621 KRGV 1290 and veries rolling in from KTXZ KROW (state 20) Vladivostok 1251 2EA 1465 4XT 4ZG 2SM (with personal letter from the CE's wife). Will write soon. (When I've finished these SS reports)

Eric McIntosh, Invercargill

Still spinning the dials with reports out to 1XW Dargaville 2SM 4QG 4XT 3RPH R. Fiji Suva 774 FR3 Tahiti 738 WUNI 1410 and KQQT 1550. Whoops... they were the QSL's, now for the logs 2XL 2BY and 2AD. Not long to the Yank season now Eric.

Robin Chambers, Opunake

A lovely long three page report giving details of loggings as 3KZ 410 2WG 5KA 1196 7HO KUAM TWR Monaco 1467 WCSC 1390 2QN HJFY R. Avenida 1390 HJPX 1480 HCFC2 B. Conular 1600 RTM Penang 666 RRI Jakarta 999 AIR Gorakhapur 909 Baghdad 909 3MP DYVR 1377 and 2WEB with QSL's from R. Fiji Sigatoka 1206 4GY Tuvalu 621 3KZ 2WG HJZI R. Fantasia NB also id's as R. Exitos and R. Excelentissimo!!! as well as KUAM IWR Monte Carlo 1467 and XEPNK 880, SRS Surinam 725 2QN. The Mexican notes that Robin's was their first ever NZ report. Thanks for a great trail, there's a letter in the mail to you.

Bill Woller, Opunake

First to report the TIS station on 522 as well as QSL'ing KNUI KPUA WNWS Surinam 725 Caymans 1555 CKNW 980. KFVB 1550 VOA Antigua 1580 all from the Te Araroa trip, including three new countries hurrying the total along to 77. Not far from the ton now Bill, then of course there is the 200 mark, 300.... '73's

Dene Lynneberg, Pukerua Bay

Reports out nil but rewards from VOA Antigua 1580 XEG R. Melodia 1050 Surinam 725 DXMF 1107 1ZI 1386 and 1YT 1314. Doing a spot of laurel-resting eh! Never mind there is always next month. Hopr the family are well.

Barry Williams, Auckland

Makes a most welcome return to these pages with logs of KNIX 1580 KTRH 740 VOA Thai. 1575 VOA Antigua 1580 EAJ61 r. Jaen 1584 EAJ25 R. Cordoba 1575 Caymans 1555 WIOD 610 Caribbean Beacon 1610 KROW 780 Surinam 725 all heard at Te Araroa. Some really nice rewards with Surinam 725 Caymans 1555 Caribbean Beacon 1610 and our 80M EAJ61 RJaen SER Spain 1584 as well as KNIX. No doubt you will be a starter for the next trip.

Lyall Mathieson, Morrinsville

Reports this months QSL's as 2NX 2EA 7HO with logs of 3AR 3LO 3GI 3WV from April and all verified on new large green-backed cards. (Wish they would just send me the green-backs) and no stations logged for a change. You'll have to get a heater installed in the radio shack, or put the set next to the bed.

DX

Hills, CN C&W mx and
ids, ads.(time??) KR
GA ABC nx 1003 local
(format??) KR
H fr 0538-0950 w/wx
(format??) RCh
l, Bogota gd 1032 RCh
o de Boyaca, Tunja gd
RCh
colo, Santiago strong
0815-0825 RCh
on, SC dominant 0950-
mat??) RCh
a, Espinal frequent
035-038 at 1049 RCh
sal, Barranquilla fr
RCh
r, BC gd 0905-0920
l Carare, Veléz /RCh
y ids and CARACOL id
ny t/c's 0546 PO
t, IA mxd KCCN 0840
iel, CA gd w/EE&SS
enty ids 0455 PO
ry,AL local nx 1025KR
d, Riobamba ? hrd
l s/off 0536 RCh
L nx&wx 1009 RCh
ca vgd, cant beleive
most regular Latin w/
ids and t/c's very
g"Radio Olimpica, con
ca" and "La musica in-
n, Radio Olimpica"
te, easy log!! PO
,gd w/mostly ballads
,mixed another unid
,nant 0654 PO
'Minneapolis MN, ABC
then wx for the twin
005 followed by local
KR
Cali gd 1050-1115
,gd 0711 w/brief ids
very item and occ. t/c
: 0700-0800 PG
e,TN exc!! 1010 RCh
j, Lima w/"La musica
,gd 0518 hrd past 0630
, mxd 2nd. Peruvian ea-
, maybe Delcar.
ar, Chiclayo gd 0530 w/
ds till 0600 RCh
,IA strong 0935 RCh
,IA s/on 1044 w/"50,000
ice of the Gospel" id
,BC strong nx 0900/KR
,4 mxd in jumble 0925
apids,IA gd 1012 RCh

1600 HCFC2 ???R,Consular, El Empalme pre-
sumed the one iding as "Radio
Union--transmitiendo desde
Quito, capital de la Republica
del Ecuador" also mentions
'Consular' briefly RCh

PART TWO: Around the World with Robin
Chambers who managed this lot
even tho' his cows were K-Oing
his aerial poles!

Morning

540 PBC Peshawar strong 1617
549 LPBS Shanxi/Chifeng strong 1715
565 BSKSA Riyadh exc AA 1808
594 LPBS Lhasa exc on NW bev. 1615
595 RTVM Kuala Lumpur vgd on W bev. 1620
listed 594 in Bahasa Malay

600 BED76 Luchiang, Brass band mx 1855 t
then time pips and off the air
1900 w/no annc.

610 Voice of the People of Ho Chi Minh
City gd VV 1525

612 KUAK Agana,Guam strong 1636-1700
621 Radio Cairo, Batra 3 AA exc 1825
646 BSKSA Jeddah, gd on W. bev in AA
1715
WVUV strong on NE bev 1715

657 8DR Darwin vgd 1635 w/RA relay
AIR Calcutta A gd 1540

665 RTVM Penang, off-freq listed 666
gd in Bahasa-Malay 1525-1550

675 Thai Mor Kor, Chieng Mai strong 1555
Commercial Radio Hong Kong presumed
the strong CC station here , all
other stations sked off-air at
1747.Chinese II service?

684 8TC Tennant Creek, NT fr-gd on W.
bev. RA relay 1715-1730

680 VGV Hanoi H.S. in VV gd 1530

693 R.Bangladesh gd mxd 1700 Dacca HS in
Bengali

702 BBC Masirah Is, Oman AA svce gd o/
4YZ on W. bev.

720 BBC Zakaki? Cyprus relay gd AA 1920

729 UAE Sadiyat, Abu Dhabi gd 1701 AA
PBS Sinsang, DPRKorea on NW gd 1710
Unid Filipino on NW bev, s/off 1555

738 AIR Hyderabad A gd 1701
HLKG exc on NW bev.Daegu in KK 1557
DZFM Metro-Manila gd 1700
KGU Honolulu,HI gd 1445

760 KGU Honolulu,HI gd 1445

765 PPBS Guiyang,Hohot fr-gd 1445

774 JOUB Akita over 4TD in null 1445

783 6VA Albany, fr-severe QRM 2KA 1650

855 PBS Quetta,? poor 1702

864 7HD Hobart, gd over 4ZA 0310-0355(?)

909 AIR Gorakhpur, gd 1705-1730
BSRI Voice of the Masses gd mxd AIR
1705-1730(txmtr at Baghdad)

918 KBS Yeoncheon, thru NZer on NW 1755
903 CFZ Sunbury, gd 1520
990 KHVH Honolulu, HI gd 1520 all-nx
4RC Rockhampton, mxd 6PM Perth
both here on loop 1900

990 RRI Jakarta, 1600-1615
1062 6ED43 Taichung, fr-gd 1705
IRI Diyarbakir, IT HS mixing 1910

1071 AIR Rajkot, exc 1705

1124 SPLAJBC El Beida, "Voice of the Arab
Homeland" gd 1925.Listed 1125

1125 BSKSA Shaqra? A. gd 1925

1179 3KZ Melbourne, exc 1510
JDDR Osaka, mxd o/3KZ in null 1512

1188 DYBS Al-Hiswah? AA strong 1820

1260 VCA Rhodes, fr AA thru Avon 1825

1287 JOHR Sapporo, fair 1755

1305 AIR Parbhani, gd 1705

1377 SMP Morington, gd 1800-1820

1440 BSKSA Ras-as-Zawr, AA gd mxd Aussie

1467 HLKN Mogpo, gd 1715
AIR Jeypur, fr 1805
RMC Monaco, fr in FF mxd RR? 1852-
1916 musical box int.sig 1855-
1900.

1470 BEC47 Kinnem, CC fr-gd 1545-1605

1481 UAE Dubai, regular 1700-1930

1521 BSKSA Duba, AA mxd 1820
Urumqi, RR foreign svce 1605

1566 VIRI Bandar Abbas, fr 1805

1575 VDA Ayutthaya, Thailand w/ Bengali
prog, exc o/200 1658

Evening

550 KMVI Wailuku, pr 0945

585 2WEB Bourke, gd at times 0929-1005

590 KSSK Honolulu, gd on loop 0830

621 Radio Tuvalu, exc. on loop 0830

648 WVUV Pago-pago, exc on loop 0830

650 KORL Honolulu, "Coral 65" id gd 0950

690 KKUA Honolulu, gd 0950

693 JOAB Tokyo, gd w/EE lang lessons
1007

783 6VA Albany, fr mxd 2KA 0945-0955

790 KKON Honolulu, fr 0845

870 KAIM Honolulu, exc 1000

990 KHVH Honolulu, gd on loop 0845

1008 410 Brisbane, "Radio 10" ids strong
o/1ZD 0900-0935

1017 A3Z Nuku'alofa, strong 0845

1179 3KZ exc 0945-1005

1188 6XM Exmouth, dominant w/2NZ phased
out 1000

1196 5KA Adelaide, off freq, hetting w/
2Zw 1195KHZ 0925-0935

1270 KWDI Honolulu, fr-gd 0940

1305 DYFX Cebu City, fr-gd 0930

1377 DYVR Roxas City,mxd Thai dominant
1052-1112

1521 2QN Deniliquin, strong on loop 0905

MINI-TRAIL New South Wales/ACT

549 2CR Orange "Aussie answer to 2YA" 1036
576 2FC Sydney also a powerful signal 1037
648 2NU Tamworth over WVUV 1037
684 2KP Kempsey, vstrong ABC sometimes heard
during daytime 1038

702 2BL Sydney, very strong 1039
738 2NR Grafton "Northern Rivers Service"
always strong, 1040

783 2KA Katoomba, good rock mx 1040
810 2BA Bega heard thru 4YA 1041
819 2GL Glen Innes thru 1YZ 1042
873 2GB Sydney, strong, all over 3ZE 1043
954 2UE Sydney heard mixing with 1XW 1044
972 2MW Murwillumbah, good pop mx 1045
999 2ST Nowra, very weak 1046
1017 2KY Sydney, always strong, 1046
1089 2GZ Orange heard mixed with 3WM 1047
1107 2UW Sydney with Whacker McCartney Show
1047 which will make anyone apprec-
iate their local RNZ station!

1134 2AD Armidale struggling thru 4YQ 1054
1143 2HD Newcastle blasting over 1YW 1054
1170 2CE Sydney good signal w/"Good Music" 1055
1188 2WZ Inverell, fair only 1056
1233 2NG Newcastle always strong, 1057
1269 2SM Sydney "Rock of the 80s" good, 1057
1287 2TM Tamworth, strong 1058
1341 2MX Bolwarra/Newcastle mixing 2ZN, 1059
1368 2GN Goulburn, fair, 1059
1386 2EA Sydney, gd in EE 1100, carries wide
variety of ethnic programs

1413 2KO Newcastle thru 1ZO, 1100
1431 2WN Wollongong, fair only 1101
1458 2NM Muswellbrook heard thru 3YW 1102
1485 2EA Wollongong, weak //1386, 1103
1512 2NA Newcastle thru 1ZU, 1103
1521 2QN Deniliquin, poor 1104
1557 2RE Taree, heard thru 2ZH 1104

Thanks to Andrew Gardner, DXing from New Plymouth
with a DR28 and a loop aerial.Next month, our
minitrail will feature Victoria...so have a tune
around, note the program details and let us know
what you hear!

Please keep your Broadcast Trail notes, mailbag
notes and BOM entries on separate pieces of paper
and when reporting stations for the Trail, in-
clude as much information as you can, such as ID
ancts, adverts, music format, talk topics. If
you're not sure, just check the format used and
see if I've made amendments/additions to your
notes. Careful preparation makes typing just so
much easier! Thanks to KR Keith Robinson and RCh
Robin Chambers DXing from Invercargill and Opu-
nake. Those marked PO are Ye Eds listening from
a week at Waihanakarua.

SPECIAL as noted in the Trail, 2WEB Bourke has
moved to 585khz ex 576 and closes 1102 GMT. IDs
as "2WEB Western Educational Broadcasters" and
has similar rock music to student radio. AC

Report

OR seeks 1kw nights
ville TN granted 10kw

in NY seeks 50/1kw U2
alley CA granted 1/1kw

go CA seeks 50/50kw

ty FL granted 5/.5kw

est SC seeks here, ex
burg SC, ex 1530 and
wer to 5kw
X granted 50/1kw
ilm Beach FL seeks 50/

le TN granted 2.5kw D
s CA seeks 5kw nights
sh MT seeks 10/.5kw

WA seeks 10kw nights
ge UT granted here, ex
/1kw U2
PA granted here, ex
kw
le TX seeks here ex
incr power 1/1kw U4
rgh CA seeks 25/25kw

SD seeks here ex Sioux
S, power 10/2.5kw U4
bluff TN seeks 10kw
PA granted here, ex
0kw (2.5kw CH) D1
e KY granted here ex
kw non-DA
rille OH granted here
, incr power 2.5kw
gton DC granted 5/2.5

ge AZ seeks 5kw D, and
pattern to U2
WA seeks .5kw nights,
onal
ole AK granted non-DA
ville CA seeks 50/1kw

CA seeks 25/1kw U1
CA seeks 25/1kw U1
shoe City NV seeks 25/

MO seeks here ex 1130
kw D1
CA seeks 10/5kw U1
on TN seeks here, ex
inc power 10D (2.5 CH)
v

1250 KVAR San Antonio TX ex KUKA
KUUK Wickenburg AZ seeks 1kw

1260 KFGQ Boone IA seeks 5kw DA-D

1310 KIOT Barstow CA seeks 1kw D nights

1320 KCPX Salt Lake City UT seeks KBUG

1360 KAMT Tacoma WA ex KMO

1390 Ridgecrest CA seeks 2.5kw D1

1410 KRML Carmel CA granted 5kw nights

1590 KYDE Pine Bluff AR seeks 5/.5kw U4

NRC AM Switch/Broadcasting Magazine

KCNN PLANS SPECIAL TEST, Chief Engineer John Barcroft of KCNN-San Diego writes of a special test for DXers to relog the station which changed calls from KGB on 15 March 1982. Date: 25 July 1983; Time: 0700-1000 GMT; Frequency: 1360 khz; Program: special DX ID and QSL data every 15 minutes starting at 0700 GMT, test tones and unmodulated carrier other times.; Power: 5kw; Reports to: KCNN, 7150 Engineer Road, San Diego CA 92111, USA. This information direct from KCNN Radio. If you miss the test, keep an ear out for them anyway, and KCNN now has NewsTalk format.

UNIDENTIFIED Andrew Gardner suggests that unknown XEAM 1600 from last month, may be XEAE, Ciudad Acuna, 5kw.

RECENT QSLs WYNX-1550 Smyrna GA "Atlanta's only 24 hour a day Christian station", QSL from Allison Owens, second o/seas report. Sent sticker, press clippings about inc to 50kw daytime as of 7/82 (4 weeks); WPTF-680 Raleigh NC, card w/full data from Carl W Davis CE, also cassette from retired CE Ed Newman whose son was DJ at time of report (3 weeks); WNWS-790 Miami FL brief QSL ltr from Richard A Vanhook Cons.E endorsed "best report" (3 weeks); WYOU-1550 Tampa FL "La Latinissima" ltr from John W Rhea GM, "most distant listener" (5 weeks); WIOD-610 Miami FL long ltr from Yolanda Parapar Prog.Supr. most distant report yet. Also sent New York Yankees sticker, postcard of studios, format News/Talk/Sports, ABC/NBC affiliate (3 weeks); WGBS-710 Miami FL QSL ltr from CE John E Morris, separate pers.ltr from WGBS Morning Talk Show Host, David Gold, member of "DX South Florida" (3 weeks).

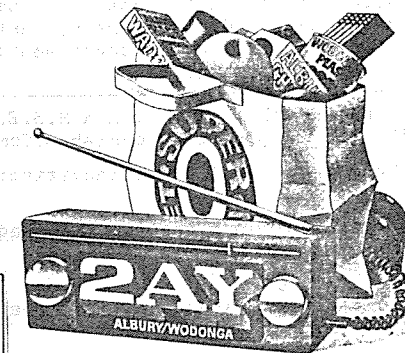
Bryan Clark

SKIRADIO applic by Ceefor Communic/Radio NZ for Ruapehu Radio, xmitters at National Park and Raetihi to cover both major ski-fields. Local progrs. daytime, relay 2ZW nights...6 August-3 Sept.if granted. Mgt

Pacific Report

NEW ZEALAND 4ZG 558, 4YZ 720 and 4ZA 864 will be off air 12.15am to 5.00am NZST July 12th to 15th & 19th to 22nd to allow installation and testing of a new aerial system. ARTHUR CUSHEN.

4ZG 558 has received a short-term warrant from August 6 to October 28 to provide a community radio service in Gore until commencement of permanent transmissions. BROADCASTING TRIB.



AUSTRALIA We have received a request for information about an AFRS Station approved for erection about 10 years ago in the American base at North West Cape in WA. This station, though never erected was granted an American 4 letter W... Call. Does anyone know what this call sign was? Any information would be welcome at AWR-Asia, Box 15, Poona 411001, INDIA.

2EA Newcastle & Wollongong 1584/1485 are both 200W. DX'ers Calling.



Power surge. KIXI(AM) Seattle has increased its power to 50 kw. Pictured at the station site, celebrating the daytime power increase from 1 kw are (l-r) James Hawkins, station manager, Anne Nelskog, corporate secretary, Wally Nelskog, president and owner, and Dan Smith, general manager. The station programs a big band format called "The Music You Remember."

Broadcasting May 16 1983

Station of the Month

SOLOMON ISLANDS The SIBC using its four frequencies 945, 1035, 5020 & 9545kHz operated continuously over the weekend of May 21 in an attempt to break the announcer's record. Martin Hadlow of SIBC advises Arthur Cushen that:...

"As well as the cable to your office, I telexed Radio Netherlands 'Media Network' and Radio Australia's 'Spectrum'. 'Spectrum' have now recorded an interview with the record breakers. I alerted 'Media Network' in case any European DXers wanted to have a shot at hearing us during the all night transmissions. An improbability at this time of year, I know, but you never know your luck in the world of DXing! You may be interested to know that our two announcers Patteson Mae & Nick Constantine stayed on air for 76 hours altogether and raised \$22,000 towards sending a Solomon Islands team to the 7th South Pacific Games in Western Samoa in September this year. Patteson is our Deputy General Manager, while Nick is a part-time announcer. As a matter of interest, the record they broke was the one I set as a young lad at 2ZW Wanganui back in 1969! That was a solo effort but they still did well to get to 76 hours together. One extraordinary coincidence (and I only realised this as I checked my old records on the morning Patteson & Nick reached my old record of 73 hours) was that I was on air over the exact same 3 days of May back in 1969! Martin Hadlow, SIBC via Arthur Cushen.

From the Branches

Zealand Radio DX League is a non-profit organisation founded in 1948 and is an association member of the South Pacific Association of Radio Clubs. Branches are in Auckland, Wellington, Canterbury (Christchurch), North Otago (Oamaru) and Southland (Invercargill).

President: Arthur Cushen M.B.E.
Secretary: David Ricquish B.Com

For correspondence and administration inquiries: 313, Invercargill

For contributions, advertising, and subscription inquiries: 1956, Wellington

For membership certificates and inquiries: 1011, Auckland

For copy orders and inquiries: 1956, 15 Fitzroy Street, Kawerau.

Subscription: \$15 for members in New Zealand. Overseas rates on application. Membership Secretary, P O Box 1313, Invercargill.

New Zealand DX Times is published monthly by the New Zealand Radio DX League at 1956. Copyright. July 1983. Registered at Post Office as a magazine.

The South Pacific Association of Radio Clubs is the umbrella organisation for DXers in the South Pacific area, and is concerned with radio listening and the Handicap Program in that area. SPARC is affiliated with the European DX Council and the International Association of North American Radio Club members. Individuals cannot join SPARC, but one of the affiliated clubs: Cross DX Club (Adelaide), Down Under DX Club (Melbourne), DX Australia (Sydney), New Zealand DX Radio Association (Dunedin), New Zealand Radio DX League (Invercargill).

For administrative enquiries: 313, Invercargill, New Zealand.

The New Zealand World Program is on air every Friday at 1115 GMT over Radio New Zealand Wellington 1503 khz, over 3XG Wellington 1503 khz and 2XL Nelson 801 khz.

For New Zealand Radio News with David Ricquish on air monthly at 2300 GMT over Radio New Zealand Wellington 783 khz. The programs are 31 July and 28 August.

AUCKLAND managed to attract 12 members/3 apologies to the regular June meeting. The Convention 84 Committee has chosen a camp at Parau on the Manukau Harbour (about 15km from downtown Auckland) as site, and Bryan Marsh talked about headphones and put on a display of 8 different types. Competitions: Shortwave Over 9 to Ron Johannson with RBI 21465 khz 500kw 95 points; Under 9 was a 3 way tie to Douglas Doull/Ron Johannson/Nicholas Pacey with Falkland Islands BS 3958khz 2.5kw 118 points. Next meeting is scheduled for 24 July at the usual time and place. For details on Auckland activities, contact: Tom Rushbrooke (phone 279 8348 before 9am or early in the evening) or write: Flat 1, 19 King Street, Papatoetoe.

WELLINGTON had 7 members/4 apologies attend a combined SPARC meeting on a rather wet and miserable night. General discussion covered mediumwave DX and the future of broadcasting and tapes of recent DX from Te Araroa were played. Next meeting: 8pm on 19 August at home of Auke Smaal, 31 Collins Avenue, Linden (3 minutes from Linden Railway Station); and the September meeting is set down for 8pm on 16 September at home of Ralph Sutton. For details contact: Ralph Sutton (home: 795 542, bus. 720 880 ext 746) or Ron James (home: 783 741, bus. 738 444 ext 8960).

CANTERBURY for details on what is and what isn't happening in Christchurch, contact: Alastair Stewart (phone: 588 496) or write: 37A Merrin Street, Christchurch.

NORTH OTAGO members should contact Doug Walker, 7 Meon Street, Oamaru.
OTAGO members should contact David Miller, 55 Falcon Street, Dunedin (phone: 777 456) for a SPARC meeting.

SOUTHLAND there were 11 members at the June meeting including new member Richard Lobb. The Branch plans to support the Southland Boys High School Radio Club, nominations for AGM positions were called for and guest speaker Harold Searle talked about life in Peru and Bolivia where he had spent most of his life as a missionary. Some of the spot translation of Spanish letters and tapes was available. Competitions: Broadcast is shared by Steven Greenyer/Arthur Cushen both with HJPX Radio Olimpica, Cartagena, Colombia 1480 khz 1kw; Rest-of-World to Lindsay Robinson with KQB West Fargo ND 1550 khz 5kw; Shortwave Under 9 to Irene Simpson with Falkland Islands Broadcasting Station 3958khz 2.5kw; Over 9 to Russell Winter with FEBC Manila on 21515 khz 2kw. Next meeting scheduled for 26 July at 7:30 pm at home of Lindsay Robinson, 219 Earn Street, Invercargill. Contact: Irene Simpson, phone: 57 431 (Invercargill).