



# NEW ZEALAND DX TIMES

Vol 35 No 12

August-September 1983

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- \* RADIO RHEMA FIGHTS RADIO NZ FOR LAST AUCKLAND FREQUENCY
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- \* YUKON LOGGED ON MEDIUMWAVE
- \* SPARC NEWS...THE GOOD NEWS....

all this, and much more inside in your DX Times this month, Number 1 in the Pacific and growing better! NEXT MONTH features include Queensland Mini-Trail, New Caledonia DXpedition..and more!

We've done it again folks! Your support has given us yet another 32 page issue crammed with the latest in DX news....what a way to end the League year! Inside there is something for everyone...and much more will be coming your way soon.

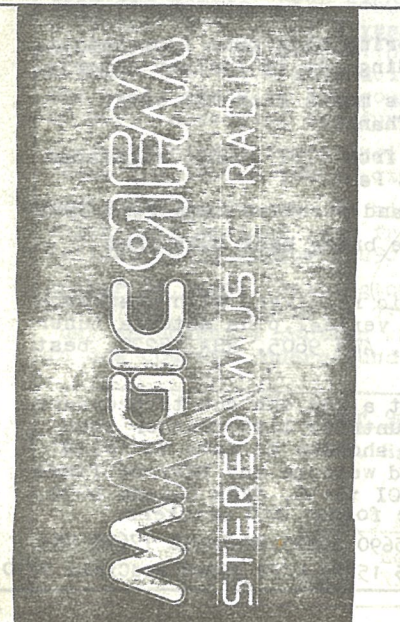
We'll let you into a couple of secrets! This year has been the biggest ever in the history of the League... with more new members, more branch activity...and the DX Times was 60 pages longer than last year. That's the same as 3 extra issues of 20 pages each!

And from next month...the DX Times will continue to grow with the introduction of even more sections! In the coming months we'll be introducing Branch Radio News (taking a closer look at your branch activities), Shortwave Listener (highlighting programs, events and personalities from your favourite stations) and.... Alternative Radio (confidential frequencies, airradio and other forms of service radio broadcasting). These are sections which you've asked for...and like all your existing services...should help make your hobby even more fun and rewarding!

And..even more changes! During the next few months you will notice changes in appearance of the DX Times as we upgrade our publishing facilities...even the size of the magazine will change! There must always be room for improvement in our service, and we want to hear from you. Introducing new sections is only part of the answer...as we place even more emphasis on quality than we do on quantity. This is where you come in..as we give you what we get from you! Your support has made the growth possible...and your continued support will bring you the best magazine and the best radio club in the Pacific!

New branches are planned for Waikato, Manawatu and the Wairarapa...we'll have more details next month! Other areas such as Taranaki and Hawkes Bay and Northland may also be interested! The September equinox approaches with prospects of more excellent DX...and please don't forget to renew your subscription this month! We've enjoyed your company this past year..and with so much lined up for next year...we wouldn't want to see you miss out on the action! Don't delay folks-renew today!

NEXT CLOSING DATE is Monday, September 12 at noon...for all your DX news, newspaper/magazine clippings, QSLs... Continents listings...gold doubloons....musings...news, views...opinions...logs...articles..antique furniture... exotic catches...favourite programs...used paper clips.....just watch the date-don't be late! 12 Sept!



number of contributor this month, including those from Australia, States. Space will only permit that required to congratulate n adding Cape Verdes 7155, and KNLS Alaska 11820kHz. to his e list of verifications (A feature article is included in another come to our members making their first contributions.

ckland reports of his two lastes countries Cape Verdes 7155,

Auckland sends in a most interesting list of his recent QSLs lands 3958, Turkey 11740, RCI 9555, Dubai 17775, Belgium 6225, 90 AWR Europe 9670, DW 9765 (Special 30th Anniv. QSL, RFI 7135, umania 21480 11830, RBI 21540, WRNO 15355 (1984 World Fair QSL Brazil 17830, Seoul 9570 5975, 9870 15575 15375, Austria 9655, 825, Tashkent 9655, VOFC 17800, CKZU 6160, good to hear from you

ilton last month verified La Voz del 5106, AIR Aziwal 5020, Falkland Is. 3958, Bafoussam 4000,

Oregon USA. has 14 reports out this month with one veri back in 10 days with mint stamps.

llington received QSLs this month from Cultura de Sao Paulo 11, Los Andes 5030, Educ Rural 4755, with a further 2 reports out

Pukerua Bay sent out 5 reports out this month with veries back 15405, RCI Sackville 21695, KGEI 6100 antenna test.

LD Australia keeps the Australian end up with QSLs back from 4850, FEBC 15410 15305, WYFR 7355, KYOI 9670 15405, VOA Delano pore 3915, Libya 11816 17930, L.V.del CID- R. Maximo Gomez vai DA Greenville 6020, RRI Kendari 4000 RRI Manado 3215, Mauritius

eenstown Airport in a welcome appearance in this section back from FIBS 3958, and HCJB 26020. good to hear from you keeping well in the snow down there.

Kelly was pleased to see the postie bring back QSLs from Beijing , Kiribati 16433, RN 9715, while sending out 13 further reports.

Invercargill received QSLs back this month from WMR 6221, 4710, FIBS 3958, and Belgium 26050, Thanks.

tbourne reports of a lone veri back from KYOI 15405, with none come back if you don't send them out Paul.

rcargill sent 4 reports on the way and received back FIBS 3985.

nedin was pleased to see the postie bring back QSLs from . South Africa 17880.

lson Using a DR31 National Panasonic receiver, with a antenna ntal dipole NW-SW. coupled to a 16m. verical, plus antenna tuner 7135 +pennants along with 15155 9715, AWR 9605, RSA 15220. best e Falflands.

aka Otago reports of DXing being at a low ebb due to pressure e spare time trying to add to his countries list, rather than e numbers of verifications. Bill is shortly to move to 'Wild' s senior ranger, and I'm certain would welcome any DXer he finds w. in the meantime QSLs are from KYOI 15190, CFRX Canada 6070. letter Bill, and many thanks for the folder and stickers.

sterton has 7 out, QSLs from RLiberty 25690 25355 RN-Lopik 17605 RN- ORF 17820 17770 15560 15430 15235 11955 15270 HCJB 26020 RedCross 7210

Paul Schnell Palmerston North received veries back this month from RDP 6075, and Dubai 15435 17775.

John Mainland Wellington had his share of QSLs back from Seoul 5975, Denmark 17855 KNLS Alaska 11820 nice one.

Alan Gilmour Greymouth sent two reports out in the last two months, with QSLs back from UAE Dubai 15430, RN Oslo 21630, Kiev 17870, RM Armavir 21475, Moscow 7360, TRT Ankara 11740, thanks.

Jack Searle Haumoana also is being neglected by the postie, with veries back from RFI 9745, Kimje Korea 15575 Thanks, I seem to have missed one there RFI 15155 with pennant.

Brian Webb Upper Hutt reported of veries back this month KBS 15575, ORU (BRT) 6225 11620 11695 15590 17550, KGEI 9615, Beijing 11500, AFRTS Greenville 6030, RBI 11785 21465 21540 21575, REE (Spain) 11730, VOA Kavala 6015, RN.Bonaire 9715 9770. RA 6060 15115 21525, R.Havana via Moscow 17705, RSA 15220, AWR-Sines 9605 9670, HCJB Andex Freq Contest as runner up with QSLs 3220 6070 11835 15155 15175 17890 and other QSLs 6130 9745 11925 15155 15175, Falkland Islands QSL185

Deborah Fitzpatrick Auckland. had a month of receiving interesting mail from KBS 9570, Voice of Vietnam 10080, Radio Budapest 9835, HCJB 6130 plus history of the station and other pamphlets, RAE 6060 + pennants and stickers, R.Portugal 9575, Sofia back as 19.85, sent as 15310 which I guess is the same thing, ORF 15115, XERMX Mexico 15430. Thanks.

Arthur Cushen Invercargill Received Verifications back this month from, Israel 7465, Mauritius 9710, Japan 17552, Palangkaraya 3325, WYFR 6065, Gabon-R.Japan 15404, Greenville 15205, Monrovia 15600, RSA 11730, Belgium 9880, RRI Banjar-masin 3250, Dubai 11730.Thx.

Barry Williams Auckland has a couple of QSLs back this month from LRA 36 and AIR 11620.

Paul Ormanby Oamaru Sends in a most interesting list of QSLs received over the last two months, CKZU 6160, Macarena Columbia 5972, Reloj 4832 6006, YSS El-Salvador 9553 after 2 years Yemen PDR 6005, Senegal 4890, KGEI 6100, BBC Lesotho 6190, FIBS 3958, Libya 11816, CHWX 6130, LRXI El Mundo 6120 (in 16 days) Kaduna 4770, YVOC Ecos del Torbes 4980. That brings in 6 new countries, taking the tally along to 190 countries verified. Not very far from that magical total of 200. also just one further logging of KNSL 11820.

Lindsay Robinson Invercargill has 6 reports out this month with QSLs back from VOA Munich 3980, with car stickers, Africa No 1. Gabon 15200, Brazil 6185.

David Miller Dunedin in his first letter to the pages gives a list of QSLs which have arrived back from FEBC 11890, SRI 11715, Biejing 11600, SIBC 9545, Vatican 9615, Moscow 21490. Thanks always good to see a new name on the page.

Arthur De Maine Wellington reporting from that windy city has QSLs back from RCI 9755, RAE Argentina 11710+ pennant, CKZU British Columbia 6160, the other day we bought a section which backs on the golf course at Whanaparoa, building in due course. Underg:ound power, and plenty of space for antenna, cheers.

### Under 9mHz. BEST OF THE MONTH

CHNX. Halifax Nova Scotia. 6130kHz. 500 Watt 120 Pts.

Paul Ormanby Oamaru

### Over 9 mHz.

HCJB Ecuador 26020 kHz. 100 watt 138 Points

Mark Nicholls Queenstown

Welcome once again to the SW QSL Review. Again we have some very good latin veries showing up and also this time we are featuring some pictures of recent veries in these pages. Now let's open the mailbag.

**ARGENTINA:** LRX1. Radio El Mundo, Buenos Aires. 6120 kHz. Very attractive postcard QSL recd in 16 days for SS rpt and token. Full tails with friendly message added requesting further reports. What kind of token did you sent Paul? Ed.)

**ARGENTINA:** dcação Rural, Campo Grande. 4755 kHz. PP verie letter recd in (PE) via for a PP rpt, postcard & N.Z.

Verie signer: Ailton Guerra - (Nice work there Paul. Ed.)

**ARGENTINA:** Estación de São Paulo, São Paulo.

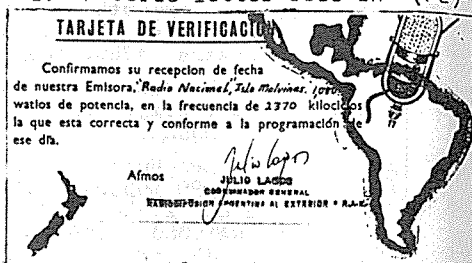
Z. PP verie letter in 4 months via Olimpio José Franco - Coorden-

Engeñaria, for a PP rpt, pcd & amps. Also sent brochure on RTVC,

ers, and PP data sheet entitled "Estruc-turas de Emissao". My best

is yet from a Brazilian. (PE) or excellent verie. Your latin tot-

be increasing sharply. Ed.)



**CANADA:** CBC-CKZU Vancouver. (PO) 6160 kHz. Airmail pcd

featuring CBC's Vancouver HQ in black & white, recd in 20 days for EE rpt & 1 IRC. Power shown on card as 1 Kw. (Pity you didn't get him when he was on lower power but still a nice verie to have. Ed.)

**CHNX** Halifax 6130 kHz. Recd large envelope full of tourist brochures, car sticker (PO) and friendly verie ltr from C.E. for

EE rpt & 1 IRC in 37 days. No airtickets though!! (Now don't be greedy Paul! Ed.)

**CLANDESTINE:** La Voz del CID 5106 kHz (PE) Attractive verie cd recd

4 months after original ltr verie. Cd gave full verie data with details of all stations of CID network on the reverse.

**LRA 36**  
RADIO NACIONAL  
"ARCANGEL SAN GABRIEL"

BASE DE EJERCITO "ESPERANZA"  
ANTARTIDA ARGENTINA

3<sup>er</sup> Sur Confirmo sus datos  
3<sup>er</sup> Oeste de fecha: 30 Ene 83

A:  
55- 15478 KHz  
Apartado Postal 9411  
BUENOS AIRES

**LICA ARGENTINA**  
MUCHAS GRACIAS

**MACARENA:** Villavicencio. 5975 kHz. Friendly QSL letter, English (PO) st brochure & car sticker from Enrique Zambrano Nieto - Gerente, g details as 5975 kHz, 5000w, HJHZ, Solgan Radio Macarena - "La ra de los llaneros". Recd in just 22 days. Transmission began on 33 and my reception was 5 days later.

**RELOJ:** TIHB 6006 kHz, 4832 kHz. Two postcard QSL's sent sep- (PO) tely from Francisco Barahona G. Cd features minute -man above ce in 3 colours. Recd in 36 days for SS rpt, token & no Rp.

**SAN SALVADOR:** Radio Nacional, San Salvador. A iendly letter from Carlos Alberto léndez - Director for a SS report 10/9/81, after a f/up 12 months ter. Carlos expresses amazement at s station being heard thru 18 time res(?). The station is now known

Radio El Salvador and will recon- ce broadcasts shortly with new 25 lowatt transmitters on the 31 & 49

trebands. Further reports are req- sted using SINFD code when progra- s resume.

(PO) nother excellent verie Paul. Just

nows that f/ups are always worthit!

**LS5 RADIO RIVADAVIA**  
630 KHz. AM - 102, 1 KHz. FM

Areñales 2467 - (1124) Capital Federal - Buenos Aires - Argentina

# SW QSL

**INDONESIA:** RRI-Palangkaraya 3325 kHz. Verie letter in English (AC) for rpt on Ramadam broadcast between June 12 and July 11 when the station operated 0255-0600 local time. verie recd in 21 days for 1 IRC. Address: Djoko Suryanto, RRI station Palangkaraya, Jl. M.H. Thamrin No.1, Kalimantan Tengah, Indonesia. (Nice verie Arthur. Sup- rised to see name spelt with Dj instead of 'J'. Ed.)

**MAURITIUS:** MBC Forestside 9710 kHz. verie (AC) QSL cd recd after 17 months for EE rpt. Power is 10 Kw and operates 0230-1300 UTC. V/s is Chief Engineer

**NIGERIA:** FRCN Kaduna. Standard form letter (PO) verie signed by Yusuf Garba for C.E. recd in 2½ months for EE rpt and 2 IRC.

**PERU:** Radio Los Andes, Huamachuco. 5030 kHz - OAZ2A. Address: Jr. Bolivar 529 - Of.201 Huamachuco, Peru. Friendly letter, busi- ness cd & 'Certificado de Sintonia' verie cd with full details from Pablo J. Card- enas Valverde - Gerente in 15 weeks for a SS rpt, pcd & N.Z. stamps. Rpt was sent registered to town only as address was unknown at the time. (PE)

To: John Durham  
Date: 25<sup>th</sup> April 1982  
Time GMT: 10:00 - 10:24  
Frequency: 5975 KHz  
QRP: 50 watts  
Aerial: Dyeid

Danny King\*

**QATAR:** Qatar B/casting Service (PE) 15505 kHz. First reported only on 30/8. Another f/up on 4/8 yielded a schedule 13/12/82 yielded the QSL in 4½ months, along with another schedule and an extensive booklet on the evolution of QBS and its aims etc. Also sent 3 reports in 1975 so I guess persistence pays off eventually!! Anything for a new country! (Quite agree Paul. Persistence does pay off, but usually Qatar reply okay first time. Ed.)

**SENEGAL:** Radiodiffusion Television du Senegal "ORTS" (JS) Chaîne National Senegal II. 4890 kHz. White pcd with f/d in FF and full list of all stations and frequencies. Logo in blue on reverse side. Recd in 2 months for EE rpt on FF program with 2 IRC's. No v/s. My QSL No. 1250 on SW. (Congrats. Jack.) ORTS 4890 kHz. Same card in 2 months for a FF (JD) rpt & 2 IRC's. ORTS 4890 kHz. Same card in 1 (PO) month for FF rpt, token and 3 IRC's. Lists other stations as: Senegal IV 6070 - 4 Kw, 3336 - 4 Kw Zinguinchor; Senegal VI 3356 - 4 Kw Tamba Counda which is unlisted in WRTH '83.

**VENEZUELA:** YVOC Ecos del Torbes. 4980 kHz. Postcard QSL fea- turing Venezuela and Tachira recd in 3 months for SS rpt and token from v/s Desiree Gonzales (PO)

**YEMEN PDR:** PDRYBS, Aden 6005 kHz. Plain cd sent 2nd class airmail after 11 months from M.S. Moosa, Engineer for an EE rpt & 2 IRC's. Asked for (PO) more reports in the future along with a promise of pamphlets. Address: P.D.R.Y. Broadcasting Service, P.O. Box 1222, Steamer Point, Aden.

**ZAMBIA:** ZBS Lusaka 4911 kHz. Usual verie cd from v/s Peter Musuba for 4 th (PE) f/up in 3 months for 1 IRC. Rpt sent registered. Reply stated that they had answered the letter before! Where did it go! (Indeed! Where? Ed.)

Thanks to this months contributors: (AC) Arthur Cushen, Invercargill; (PE) Paul Edwards, Wellington; (PO) Paul Ormandy Gamaru; (JD) John Durham, Hamilton; and (JS) Jack Searle, Haumoana.

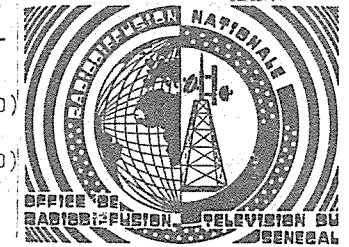
With DENE LYNNEBERG of Pukerua Bay 5

Radio Freedom  
Radio Star  
Q.S.L.

Dear ...  
Thank you for your Reception Report dated 27-10-83 for the broadcast on 24-10-83 on the frequency of 6994 KHz at the time of 0703-0715 GMT. We hope you will hear in again in the near future.

73's  
P.O. BOX 1037 - HASTINGS, N.Z.

**TRIPLE-F-MUSIC**



# Arthur Cushen's Shortwave Review

## ive Report

### AINLAND of Wellington

ial attributed to the Service (BBC MS) is ay not be reproduced ion.  
 io(the Finnish Broad-) reported on 27th June set up a new short- Pori had been approv- try of Communications. was intended to im- ility of Yleisradio's abroad.It would be 37 and the total build- be 77 million Finnish BBC MS 30/6  
 5,1983,FEBC's San Fran- BEI,went on the air gain antenna beamed he pole"to Moscow and Asia.The new antenna of almost three years construction.Manufact- gy for Communications f Mt.View,California, s 800 ft long by 360 : \$360,000 to complete. was erected entirely al and a large contin- ers.The tower bases & e received over 600 v.The multi-band, steer- v beams the Gospel on ed to the USSR:0230- 1230-1430.In addition, nese is bc 1130-1230. d(USA)NASWA 7/83  
 io Korea External sce 1/EE 7275;0200-0300 EE )0500-0600 EE 15575, ;0600-0700 KK/EE 7275; 7275;0930-1030 EE EE 15575,9570;1300-1330 00 EE 15575,9750;1500- ;1600-1700 EE 9870, 1945 EE 15575; 2000- .BBC MS 7/7 & B.Webb ATERS Voice of Peace, xs aboard ship in a a few years ago is bands but on short- nence bcs a few weeks al difficulties pres- s to commence tests cs,actual frequencies sed.  
 NASWA LN 7/83

PHILIPPINES FEBC now has fine cloth pen- nants available.To obtain one,write FEBC, name your favourite FEBC px and send two IRCs to FEBC,Box 1,Valanzuela,Metro Man- ila,Philippines. NASWA LN 7/83  
 SAIPAN FEBC newsletter says tx building completed,100kW tx in place and being pre- pared for operation,4 antenna towers be- ing erected and two residences for staff already occupied.First txs are planned for about Sept.Call sign is KFBK,two 100 kW txs to use EE,Standard Chinese, RR, Indonesian.R.Chester/Y.Hayashi RIB 8/83  
 CHAD In N'djamena technicians are working to restore the badly damaged 100kW short- wave tx and it is hoped to have this back in operation in the Autumn on its old fqs of 4904 and 7120. RN MN 21/7  
 PERU Radio Pampas currently on 4855 at 0930-0330,intend to move to 4875.RN MN  
 BRAZIL Radio Caraja,Anapolis currently has a 1kW outlet on 2420,they plan a 2.5kW tx on 4935 instead. RN MN 21/7  
 COSTA RICA In its 7th July issue,the San Jose newspaper 'La Republica'reported the Costa Rican Minister of Information as saying that the image of Costa Rica would be considerably improved abroad when the radio stn "Costa Rica International"start- ed operating.In a report to the Govern- ment Council,which had been approved in full,the Minister stated that Radio Reloj would transmit on shortwave and that the Government had accepted an offer in this regard. BBC MS 21/7  
 CAMEROON Radio Douala is a new stn on 4800,heard from 2000 to close-down 2308, broadcasts in EE and EE, programmes sup- plied from the main station in the net- work. B.Fransson(Sweden) SCDX 25/7  
 A new transmitter carrying pxs from the regional stn,Radio Douala,was observed on 20th and 21st July on 4795.A news bulletin in EE was relayed from Yaounde at 2100 & the stn closed down at 2305.BBC MS 28/7  
 SEYCHELLES/HONG KONG(BBC) During the Wave- guide px the Chief Engineer External Ser- vices spoke about additional relay stns: "We are in the midst of negotiations for additional relay stations,one in the In- dian Ocean in the Seychelles and one in Hong Kong.Transmitters will be in service by about 1987 in Hong Kong and hopefully by 1988 in the Seychelles.They will be automatically fed by satellite".BBCWS8/8  
 DJIBOUTI In a bc on 27th June,Djibouti Radio reported that the President had in- augurated a new transmitter for Djibouti Radio.Monitoring observations over the past month have revealed a noticeable improvement in the reception of trans- missions on 4780. BBC MS 4/8

The reception of KNLS Anchor Point Alaska has been the highlight of listening over the past month, while the move to shortwave by the Voice of Peace broad- casting from a ship off the coast of Israel has allowed the opportunity of listening to a low powered test transmission using only 400 watts. Latin American signals still are very active 1000-1200GMT on the lower frequencies, while some September frequency changes which take place on September 4 have also been included in this feature. All times are GMT, 12 hours behind NZST and frequencies in kHz.

**ALASKA:** The first Alaskan shortwave station, KNLS, has commenced operation with gospel programming. Broadcasts are in Russian on 11820 up to 1200, and then in Chinese-Mandarin on 9690. The closing announcement at 1158GMT is "This is KNLS the New Life Station located at Anchor Point, Alaska. Our mail- ing address is P.O. Box 473, Anchor Point, Alaska 99556. KNLS now concludes this portion of its broadcast service on 11820kHz. In just a few moments KNLS will begin a broadcast service in the Chinese-Mandarin language on 9690kHz, in the 31 metre band, Good evening." The schedule is 0900-1200 11820kHz in Russian; 1200-1330 9690 in Chinese-Mandarin; 1330-1630 11820 in Russian.

**ARGENTINE:** RAE 6060kHz with English 0430-0500 at good strength, and DX Pro- gramme heard on Thursdays.

**BELGIUM:** Brussels on the new frequency 5895 in English from 2100 at excellent strength, also using 15595 for listeners in Africa.

**BRAZIL:** Radio Braz observed on new frequency 15105kHz closing at 2200 after a broadcast in Portuguese.

**DOMINICAN REPUBLIC:** Radio Earth broadcasts in English retimed 0200-0300 on 71700kHz Tuesday - Sunday.

**INDIA:** All India Radio frequency change to 15170kHz for the broadcast 1000- 1100 in English to Australia.

**ISRAEL:** Voice of Peace operating off the coast of Israel testing on 6240kHz 400W 0600-2400 and best reception 2000-2100 but severe RTTY.

**ITALY:** Rome from September 4 to the Pacific 0830-0930 9585, 11810, 15330, 17780, 21615kHz; 2050-2130 9710, 11800, 15330kHz in Italian; 0350-0410 on 11905, 15330, 17795; 2200-2225 on 5990, 9710, 11800 in English.

**NEPAL:** Signals on 3425 with English at 1500 offer poor reception, 5005 is fair but sideband interference from WWVH with 9590 giving excellent reception.

**NEW ZEALAND:** RNZ External Service from September 4 1800-0510 15485, 17705; 0520-1215 9620, 11960kHz.

**NICARAGUA:** La Voz de Nicaragua 5950kHz heard with English 0400-0500, also heard opening 1100 in Spanish.

**SPAIN:** On 11690kHz with English 1900-2000 then French to 2100 beamed to the Middle East. The broadcast to Europe is on 9765 and 11840kHz.

**SWEDEN:** Stockholm to NZ in English 1100-1130 on 17820 to November 6. Other English services 0230-0300 9695, 11705; 1230-1300 15190, 21690; 1400-1430 17845, 21615; 2100-2130 11845, 11955, 2300-2330 9695, 11705kHz.

**TURKEY:** 2200-2300 using 7155 in place of 9610 in English to Europe.

**VATICAN:** Now using the new frequency of 15115kHz English 0200-0215, while 15190kHz is used 0500-0515 in English to Africa.

**U.S.A.:** VOA service to New Zealand from 1100 is now on 6110, 9565, 11715. The transmission 2200-2400 is on 17740, 26000 with secondary coverage on 9770, 11760, 15185, 15290, 17820, 21460. At 1100 15160 and 15425 are now used for secondary coverage to this area.

# SURVEY

by Arthur Cushman.

Conducted during August between 0200-0430GMT indicates the  
 of some of the frequencies, 15100-15450kHz, and gives details of  
 of audio and language received.

## on, schedule and Programme

Y, RDI 0400 in German.  
 Y, DW German 0200-0400; USSR 0400 in French.  
 Moscow Spanish to 0400, then Home Programme.  
 N, 0200-0215 English; INDIA 0230.  
 , Warsaw English 0200-0300, 0400 Polish.  
 0215-0230 Tibetan.  
 g throughout the listening period.  
 g throughout the listening period.  
 Beijing opens 0300 in Russian; USSR Moscow World Service.  
 INB Spanish to 0330; FRANCE opens 0400, English 0415.  
 Radio Moscow Spanish to 0400, then French.  
 R, World News 0300; FRANCE opens 0400; USSR World Service.  
 LIA 0200-0430; GREECE/VOA English 0200-0400.  
 0315-0430 Hindi; AUSTRIA opens 0400; NORWAY 0200-0245, 0300-0345.  
 nglish 0200-0230; TAHITI in French to past 0430.  
 panish 0200-0430; USA-BY VOA 0245-0430 English; NORWAY 0400-0445.  
 Moscow World Service in English.  
 Home Prog. thru; MOROCCO-VOA 0200-0400.  
 0200-0300; SAIPAN KYOI opens 0300; VATICAN opens 0425.  
 English 0300-0330; USSR Home Program thru; USA-VOA 0300-0500.  
 LLES opens 0315 in Arabic, English 0400.  
 A 0200-0400 English; GREECE-VOA from 0400.  
 panish Magallanes programme, 0200-0300.  
 NYFR closes 0400.  
 , 0200-0400; USSR World Service 0200-0230.  
 -VOA 0200-0430 with jamming 0230.  
 LIA, Melbourne thru; CUBA, Havana Spanish thru.  
 DW 0200-0250 English.  
 LIA thru  
 Rome Italian to 0305, Spanish to 0325; USSR Home Prog 0400.  
 IE TWR Spanish to 0230; SRI LANKA/VOA 0200-0415, and jamming.  
 ? to 0300; RFE Opens 0300, then jammed.  
 World Service in English 0300, jamming 0400.  
 nglish to 0300, then Spanish; PHILIPPINES-VOA 0200-0400.  
 NY DW, off 0300; USSR Opens 0330 Home Programme.  
 nglish 0200-0300; USA-KGEI Spanish thru; BBC opens 0345.  
 Chinese 0200-0300; Arabic ? 0400 with jamming.  
 g throughout the listening period.  
 Russian programme 0400-0430.  
 G/VOA 0200-0300 and jamming.  
 IRLAND to close 0400.  
 IIA, Sofia Spanish to 0300; MOROCCO/VOA thru.  
 I, Conakry 0400.  
 RE, RI off 0220; IIA opens 0330; USSR Home Programme.  
 LIA 0400; MOROCCO/VOA thru.  
 panish to 0400.  
 Rome English 0350.  
 IIA, classical music thru.  
 g throughout the listening period.  
 , 0230 with Arabic.  
 BURG thru, with jamming.  
 g throughout the listening period.  
 jammed throughout the listening period. **DXpedition are planned. NOTICE.**

**SPECIAL NOTICE** DXers visiting Noumea  
 4-19 September should contact the Chief  
 Editor...David Ricquish... for all  
 DX arrangements during the visit.  
 Leave a message at the Noumea  
 Beach Hotel (phone 26 20 55). A  
 visit to Radio Noumea and special  
 DXpedition are planned. **NOTICE.**

# SHORTWAVE BANDWATCH

With MICHAEL POLLARD of Wellington

A good month for contributions this month - I hope we have room to list both contributors  
 and contributions! One sheet reached me without the author's name - please remember  
 no initials and name, no credit for your hard work!

Welcome this month to new reporters - Gerry Peacock, David Miller, and welcome back to  
 Bandwatch after an absence of a few months, to David Feldon, Barry Williams, Tom  
 Chisnall, W.N.Candy.

Please remember to list your contributions in "ascending frequency order", that is,  
 the same order that items are listed in Shortwave Bandwatch. Otherwise I'll tear my  
 hair out - and I'm not a pretty sight now!

This month sees reports of a new transmitter on air from Burundi - although some monitors  
 are unable to pick up anything but 'Africa No.1', so BE CAREFUL to identify the station  
 before reporting it. I conclude that operation is irregular at this stage.

FREQ	UTC	STATION & PROGRAMME DETAILS	INITS
2390	1200v	MEXICO R.Huanacocotla. Very weak, on several nights. Thanks to PE for locating, have looked for it in the past with no success.	SG
2410	1108	PAPUA-NEW GUINEA R.Enger. VG signal, EE news & prgm 4/7. Subsequently Mon has shown weak-fair sigs. About 21/7 strong carrier but no prgm. CC	
2428	1130	PAPUA-NEW GUINEA R.Manus. In pidgin with music & talk prgm.	LR
3322.5	0655	PAPUA-NEW GUINEA R.N.Solomons. Music prgm in Pidgin. Fair.GP.1150	DF
3360	1210	PAPUA-NEW GUINEA R.Milne Bay. Good with native music.	DF
3945	1030	VANUATU Port Vila. Musical request prgm. Good signal.	GP
4290	0817	AUSTRALIA VLM4 Brisbane. Station ID, music, clear.	NS
4770	0445	NIGERIA R.Nigeria. Rebroadcast of Channel 2 EE, good.	TR
4795	1758	CAMEROUN Douala. New 20kW outlet noted regularly since 1/8, some days mixed teletype, other days VG and clear. EE news at 1801. JM JD BC EE ID at 1833 then into French. Good. BWi	
4820	0415	HONDURAS La Voz Evangelica. Fair-good in SS w/light orch mx,talk.LR	
4960	0600	IVORY COAST Abidjan. Fsig Antehm & s/on in FF, noted 14/7, irregular. CC	
5010	1145	SINGAPORE. Poor-fair with BBC EE comedy prgm, ID 1200.	CC
5010	1250	SOVIET UNION Vladivostok. EE news bulletin.	AG
5020	0840	SOLOMON ISLANDS Honiara. Messages. Speech v.clear but heavy atmosphere. NS	
5040	0400	PERU R.Libertad de Junin. Good with Spanish music.	LR
5895	1800	BELGIUM ORU(BRT). News to 1815 then closing. Fair. EW.2100 new frequency to Europe in EE also 15595 to Africa. AC	
5925	2003	SOVIET UNION (ESTONIA) R.Tallinn. Int-sig, opening mx, then Swedish. Poor 13/8.	JM
5930	0300	CZECHOSLOVAKIA R.Praha. Good in English.	BW
5950	0405	NICARAGUA RR.Sandino. Good in English. (Prgm?-Ed)	BW
5964	0855	BRAZIL R.Guaiba. Piano music. Male anncr in PP. Stn ID & talk.Good. NS	
5975	0825	BRAZIL R.Guaruja. Relig.b'dcast in PP. Good, but atmospheric. NS	
5975	0930	SOUTH KOREA Seoul. EE service, QRM Brazil 1005. Fair 17/7.	JM

# SHORTWAVE BANDWATCH

STATION & PROGRAMME DETAILS	INITIS
TAIWAN Voice of Free China. Noted w/very strong signal, EE to 0610. OC	
AUSTRALIA R.A.-PNG Service. Poptune, timesig and station ID. Clear. NS	
LIBYA R.Jamahiriyah. Vernacular & FF talks w/mx 2130 full EE ID 20/7.OC	
PORTUGAL RDP Lisbon. Good in English. (What prgm, Brian? - Ed)	BW
AUSTRALIA Radio 2. "Roundabout", then stock exch.report. VG.	JW
PERU R.Nacional. Good with YL anncr. Full ID after VOA s/off.	PO
ECUADOR HCJB. EE - fair to good, improved.....	BW
PHILIPPINES V.O.A. Yankee band, old records (Billy Gibbons). Clear but better on //9760.	NS
BRAZIL R.Nacional. Unid locality? New here - some cochannel El Mundo but fair. Full IDs 1000 mentioning all RN outlets - mixed.	PE
ECUADOR HCJB. Religious prgm, perfect reception.	NS
COSTA RICA ABC Radio. Good sig noted 4/7 with ezy mx, several IDs of the singing jingle type. Not regular. OC. 0700 R.Impacto.	LR
VENEZUELA R.Turismo, Valera. Good on own - many ads in long segments. No Mendoza this night. (when was that Paul?)	PE
UNITED STATES WRNO New Orleans. Sat: World of Radio EE 0430-0500 mixed Vatican.	AC
INDONESIA RRI Manokwari. Talk between females in II. Very clear.	NS
UNITED KINGDOM. BBC W/S. Fair only with news bulletin.	NS
INTERNATIONAL WATERS Voice of Peace. Test trsmn with popular mx.AC	JD JM
HONDURAS R.15th September. Heavy ute QRM, 0525 Fair. Spirited talks on Nicaragua in SS, with canned applause. 0625 ID as "Radio Quince de Septiembre".	OC
IRELAND R.Dublin. Fair sig in EE, finally hrd at a readable level. News items, weather & advt for holidays to the beautiful W coast of Ireland for only £72.	OC
EL SALVADOR R.Farobunde Marte. Poor to fair signals, also hrd on 7040, 6930 & 6920kHz in what appeared to be a running battle with a jammer. Revolutionary annmnts and music.	JD
WEST GERMANY Deutsche Welle. World and local news in EE. Very good.	JW
VANUATU Port Vila. Relig prgm in Pidgin. GP. 0845 Good.	DF
KOREA KBS. Prgm on defence treaty with USA. Fair.	GP
UNITED KINGDOM BBC. Intsig on piano, then Big Ben. Clear but not str.NS	
EAST GERMANY R.Berlin Int. Good with Danish prgm.	BW
UKRAINE SSR. R.Kiev. Good in English.	BW
CANADA CHU. Time & frequency b'dcast. Poor.	GP
SOVIET UNION R.Moscow. Music & annmnt in LL, chimes. Fair.	NS
CZECHOSLOVAKIA R.Prague. Fair with Spanish prgm. NS. 1815 EE, good.	BW
INDIA AIR Delhi. Home news in EE, weather, //9950. Clear, not strong.	NS
SOVIET UNION Moscow. Piano & orch.mx, station ID, chimes, good.	NS
UNITED KINGDOM BBC. News at fair level.	GP
KOREA R.Pyongyang. News at 1900, good level.	TR
GREECE R.Greece. Greek music, good.	TR
SOLOMON ISLANDS Honiara. Melanesian Church choir. Fair.	GP
EGYPT R.Cairo. English News, good level.	TR
UNITED KINGDOM BBC. "Words and Music". Very good.	JW

FREQ	UTC	STATION & PROGRAMME DETAILS	INITIS
9515	0848	UNITED KINGDOM BBC W/S. Excellent in EE (prgm?)	BW
9530	1030	UNITED STATES AFRTS. Program on drink/driving. Fair level.	GP
9540	0315	CZECHOSLOVAKIA R.Praha. Poor in English.	BW
9545	0700	SOLOMON ISLANDS SIBC Honiara. Very good in English.	DM
9570	0740	AUSTRALIA R.A. Prgm on desert plants and wildlife. Good signal.	GP
9570	1040	KOREA SOUTH KBS. Music in Korean and English. Good.	GP
9575	0541	PORTUGAL Lisbon. Excellent in English.	BW
9575	1400	MONGOLIA Ulan Bator. Broadcast in English but severe jamming.	AC
9580	1105	AUSTRALIA R.A. World and Australian news. Very good.	JW GP
9590	1440	NEPAL R.Nepal. Fair but noisy in English.	JS
9590	1010	UNITED STATES ARPTS. Morning edition? Fair level.	GP
9630	1125	TAIWAN CBS Taipei. Nx bulletin in Standard CC. 1130 EE popular mx, news report at 1150. Fair 13/8.	JM
9630	1845	CHINA P.R. Beijing. Very pleasant CC mx & news till 2000. Good.	TR
9645	0500	VATICAN CITY. Very good in EE with Letterbox prgm.	DM
9665	1900	AFGHANISTAN Kabul. Fair in EE with news and political attack on USA, listeners letters and reports.	TC
9670	0800	PORTUGAL Adventist World Radio. Strong in Gk w/EE ID on hr & ½hr.	TC
9690	1200	ALASKA Anchor Point KNLS. CC-Manadarin tsmn opens but jamming.	AC
9730	0530	SPAIN REE. Clear and strong in English.	WC
9735	1015	PARAGUAY Asuncion. SS ID, music prgm. DW QRN from 1100. Poor.	JM
9745	0415	FRANCE RFI. Good signal minor sideband QRM. EE //15155, similar.	JS
9745	1020	ECUADOR HCJB. Listeners letters. Fair signal.	WC GP
9745	1152	NORTH KOREA Pyongyang. Talk on Korean fine arts, in EE.	JW
9755	0300	CANADA RCI. News in English, good level.	DM
9770	0749	HOLLAND R.Nederland. Good with commentary.	WC GP
9770	1030	AUSTRALIA R.A. English to Asia, vert strong signal.	WC
9785	0400	SOVIET UNION R.Moscow. Good in English.	JW
9795	1026	SOVIET UNION R.Moscow W/S. Talk on the threat of nuclear war.	GP
9805	2130	EGYPT R.Cairo. Strong in English, but some QRM.	WC
9860	1015	P.R.CHINA R.Beijing. Prgm on Beijing fire dept. Good.	GP
11620	0030	BELGIUM ORU (BRT). "Brussels Calling" in EE, excellent.	WC
11655	0000	ISRAEL Kol Israel. Very strong in English.	WC
11665	0435	AUSTRIA Vienna. Fair with economic topics.	DF
11690	0500	MONACO Trans World Radio. Annmnt in EE, then Turkish prgm.	DF
11705	0045	SWEDEN Stockholm. DX prgm in (unreadable).	DF
11710	0100	ARGENTINA R.A.E. Good with ½-hour EE prgm.	JS
11710	2300	SWEDEN Stockholm. Poor in EE to North America.	JS
11715	0430	SWITZERLAND SRI. Good in English with news.	WC DM
11720	0200	UKRAINE SSR. R.Kiev. Very strong in English. WC. 2330 excellent.	BW DF
11735	0200	SOVIET UNION R.Moscow to North America. Talk on disarmament. Fair.	DF
11760	0435	CUBA R.Havana. Strong and clear in English.	WC DF
11790	2300	UNITED STATES AFRTS Bethany. NEC news relay to Europe. Fair.	DF
11802	0112	CHAD Ngjamena. Weak but little interference at end of news.	NS
11805	1145	UNITED STATES AFRTS. "Operation Everglades". Good.	GP
11820	0859	ALASKA KNLS. Opens at VG level in EE ID over 'Chariots of Fire' theme, then into Russian. First noted 1005 25/7. QSL letter rec'd in 2 weeks stating that still on halfpower (ie 50kW) due to tx problems. EC TR PO Closing annmnt in EE 1158, then 9690 at 1200. AC JD JS JM	
11825	0117	TAHITI FR3. Dance music, Kenny Ball. Good signal but noisy 7/15170.	NS
11835	1100	SRI LANKA SLEB.EE news & music, good to SE Asia.	LR BW
11840	0903	GUAM KTWR. Christian music & talk. Fair.	DM DF
11850	2210	WEST GERMANY DW. With music to South Pacific, good signal.	TR

## ARE YOU CONCERNED?

In January, 1984 the World Administrative Radio Conference will meet again in Geneva, this time to discuss the future of international shortwave broadcasting and as we are the consumers in this matter, we should feel that involvement is necessary in planning the future of our hobby.

The New Zealand Post Office which will represent this country has provided Arthur Cushen, our National President, with the agenda and a request for comment. Arthur has provided the Director of Telecommunications with a comprehensive report, band survey sheets showing frequency usage and the degree of co-channel and jamming interference, and it is indeed of concern to us that at this Conference there seems to be little interest in enabling the practicing listener who has so much to add in the final result of world wide broadcast - how the signals reaches his receiver - a place in the discussions at Geneva.

The 1979 WARC meeting was significant as it affected all mediumwave listeners throughout the world, except in the Americas, as all countries adopted a 9kHz spacing on mediumwave, which has now been implemented. The shortwave bands were also expanded with the creation of a new band and this extended shortwave frequency range is gradually being used. It is of concern that the decisions made in January will affect the world wide listening audience to shortwave broadcasts and the consumer will have little input into the decision. The major fields of discussion will centre around the multiple use of a single programme on several frequencies in the one band - the extension of outer band broadcasting - the greater use of the tropical bands (60, 90 and 120 m) and the increasing problem of jamming and deliberate interference.

During our monitoring of various bands which are conducted on a regular basis, we find that between 0200-0430UTC the 9MHz band is jammed up to 60% of the frequencies available. Similar observations of the 6MHz band - 96 different signals were heard on 48 channels and here again 15 frequencies were jammed with 10 suffering from sideband interference making 50% of the band unusable.

The Conference no doubt will have in attendance the best brains in the broadcasting world, technicians and theorists, but the listeners they serve, the world wide audience of shortwave listeners, whose practical experience in listening makes the whole project possible, appears to be ignored. The present broadcasting plan is based on theory when four times each year international stations make frequency adjustment due to seasonal changes; this plan for frequency sharing and co-operation is devised in Geneva but when the plan goes into effect the listener with years of listening experience is called in to sort out the co-channel interference. Poor frequency allocation means the listener has to try to get some resemblance of order so that the audience can enjoy clear reception. We here in the Antipodes have the best view of world wide broadcasting being able to observe the interference created by poor frequency co-ordination and in the case of the writer, recommends to the major international broadcasters who employ him, new frequencies, which in turn means interference free reception, and so a more satisfied listening audience able to hear, for instance the BBC with good quality signals.

No matter how high powered the transmitter, millions of dollars spent on equipment, studios and aerials, top class programmes, if the audience cannot hear an entertaining programme, they will shift off shortwave. The audience is the consumer in the field of international broadcasting and this is the reason for him being on the air, and at the WARC meeting next year it is hoped that some representation from the shortwave audience will be present to put forward their views to the international broadcasters - as the listener has a practical knowledge of frequency usage and the interference problem.

In this regard it has been recommended to SPARC that they should suggest to the EDXC that some representation at the Geneva Conference should be sought so that the listener will be represented at this vital Conference. (A. Cushen)

STATION & PROGRAMME DETAILS	INITS
PHILIPPINES FEBC Manila. Very good in EE with religious prgm.	DM DF
NORTHERN MARIANAS Saipan KYOI. Rock music. Fair signal.	DF GP
ECUADOR HCJB. Srmon - then music program. Fair.	GP DF
SPAIN REE. Pleasant music, anncmts in SS. Very good.	JW
FRANCE RFI. (unreadable) Good level.	DF
BULGARIA R.Sofia. Fair, but strong QRN from Arab stn. Prgm inEE.	WC
VATICAN RADIO. EE to Australia & New Zealand replacing 7125.	AC
JAPAN NHK. World news in EE, fair signal.	JW
CHINA R.Beijing. Orchestral music (waltz), very clear.	NS
NORTHERN MARIANAS Saipan KYOI. Rock & roll 24 hrs a day, good.	NS
VATICAN RADIO. Amharic 0430, French 0445, EE 0500 mixed KYOI.	AC
CHINA R.Beijing. News in EE about China. Very clear.	NS
MURUNDI. Good signal -0800 when QRM from NHK on 15195. NP. 0620 New high power tx at Kitega giving very good reception till past 0800.	SG
F anncmts, local & European music. JD 0700 fair in FF w/100kw.	SG
UNITED STATES V.O.A. Strong in English with Magazine Show.	WC
SOVIET UNION R.Moscow W/S. World news in EE. Very good.	JW
HUNGARY R.Budapest. Strong in SS then Hungariaan. QRM. JS	JS
TURKEY Ankara. Ex-17760, also // 11740.	AC
NORWAY R.Norway. News in Norwegian, then music. No QRM.	NS
NORTH KOREA Pyongyang. Long talk about S.Korea. Good.	JS
SWEDEN Stockholm. Fair with EE current affairs.	LR
ROUMANIA R.Bucharest. Good level in EE to Asia //17850, 17805, 15250, and 11940.	TC
GABON R.Japan. Test over Africa No.1 0500=0530.	AC
BRAZIL R.Braz. EE to Europe 1900, then German.	AC
UNITED ARAB EMIRATES Dubai. EE news to 0345 then feature programme. 11730 now suffers severe jamming.	AC
CHINA R.Beijing. Game of 'Wei Chi'. Good.	GP
CLANDESTINE Last month's unid. R.VATAN verified from: Interad, u6 12A, D-6800 Mannheim 1, West Germany.	SG
NORWAY Oslo. Norwegian 2100-2145 with strong signal.AC	AC
DENMARK Copenhagen. Spoken prgm in Danish, EE ID. QRM	QRM
VOA 2000. Fair. JM AG	AG
ARMENIAN SSR. Voice of Yerevan. Poor-fair w/EE news. AG	AG
SWITZERLAND SRI berne. Strong sig Sats w/"SW Merrygoround with reinstated sunspot statistics.	BC

ody - but one final plea - do put your contributions in er, otherwise I'll put them in the rubbish tin. They take too out. They're worth sharing, so please help ye poor ed!

ark, Auckland.	DF	David Feldon, Dannevirke.
our, Greymouth.	JM	John Mainland, Wellington.
ler, Dunedin.	AC	Arthur Cushen, Invercargill.
y, Invercargill.	WC	W.N.Candy, Upper Hutt.
am, Hamilton.	JS	Jack Searle, Haumoana.
Manakau.	SG	Steven Greenyer, Invercargill.
cock, Wellington.	TC	Tom Chisnall, Nelson.
ndy, Oamaru.	TR	Tom Rushbrooke, Auckland.
obinson, Invercargill.	NS	Norris Sturgess, Rotorua.
rds, Wellington.	OC	Owen Cullen, Hikurangi.
b, Upper Hutt.	BWi	Barry Williams, Auckland.

!! 22 CONTRIBUTORS!!! AND YOU DIDN'T EVEN HEAR THEM?

# Office Questions Right to Listen

by the Post Office that it is illegal to listen and view overseas through satellite transmissions has already caused a resentment by the radio and television enthusiasts of this

lite which is located many thousands of kilometres above the earth, placed in position so that it can give maximum coverage throughout the world, is not allowed to be tuned to by a radio listener.

We are not talking about the television side of the programme, that is a different aspect; it is the fact that the Post Office states that to listen to a voice transmission from a satellite is also against radio regulations, yet satellites are used in many fields of communication linking radio stations with their transmitting sites overseas, linking one radio amateur from one part of the world to another, carrying telephone transmissions, television in all manner of modes of communication.

There is a tendency to feel that the Post Office is moving into a field in which it is trying to prevent freedom of the enjoyment of listening and viewing which has been an established practice in New Zealand.

In 1904 the Post Office had the sole monopoly of receiving and transmitting radio signals in the country and this monopoly was covered by a heavy fine, imprisonment or confiscation of equipment for any individual taking part in radio reception.

The pioneers of those years had to face this prevention to listen and were able to show the country that radio was a means of communication in time of disaster. The then Government decided to legalize radio listening, and it became accessible to the community.

## DEFINITION DIFFICULT

It was obvious from the interview with Mr Rose that the legal definition is difficult to spell out of what a listener can hear or see on the radio or television when a satellite is involved. But he did admit that in the not too distant future there may have to be changes in the regulations to allow the reception of television signals on a home-based situation.

He said that if a satellite over New Zealand was carrying television programmes for reception by the general public, and provided the intention of the transmission was for internal reception, the general public could pick up this transmission without breaking the law.

So long as it was the intention of the broadcaster that the programme was for New Zealand reception, this was acceptable to the Post Office.

It seems the legality of the act is governed by the intention of the broadcasting authority for the transmission to be received, no matter what country that comes from.

Mr Rose said that it would appear that no changes in the law in New Zealand were necessary if this country was to establish a broadcasting satellite system of its own and the signals were to be radiated directly

to the public. They would receive the signal on a satellite receiving dish on the roof of their houses, and as their receiver was licensed the same way as an ordinary television receiver, there would be no problem.

Mr Rose failed to give an indication of what means were required to find out the intention of a broadcaster, and in this World Communications Year, in which every endeavour is being made to promote world-wide communication, the refusal of the Post Office to accept that signals are present in our environment and are able to be intercepted, one is faced with the question of who do we ask for permission to listen.

"Southland Times"



Arthur Cushan hosts Radio World — 11.15pm Fridays for Radio Rhema. Although he lost his sight in the 1950s his blindness has never been a barrier between him and the rest of the world. He is, in fact, one of the world's most experienced DX-ers and is technical representative in New Zealand for the BBC, Voice of America, Radio Canada and several other international broadcasting organisations.

DX-er? "The DX," says Cushan, "is an old telegraphic code for 'long distance', the 'D' being for distance. And it should be made clear that DX-ers are not amateur radio operators. We don't talk, we just listen — monitor stations all around the world."

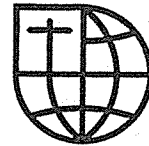
As technical representative for the overseas broadcasters he reports back on the quality of reception of broadcasts in New Zealand, checking new channels and noting interference problems and frequency hopping. "We have international radio chaos at the moment, with people hopping on top of other broadcasts. And since the crises in Poland and Afghanistan it has become worse. There's a sort of psychological warfare being waged with more and more stations coming in, and more jamming. It's a pity because there are millions of dollars invested in the international shortwave service but the interference is getting so bad that many people wouldn't bother to listen now." For example, one band checked recently was found to be carrying 106 transmissions — on only 55 channels.

Officially broadcasters are meant to use only frequencies OK'd by the international co-ordinators in Geneva: "But that's only theory. A lot of countries don't tie in with the regulations." But Cushan can identify those who aren't playing ball. He is familiar with 25 languages. "Well, I can tell Korean from Japanese from Chinese from Thai and I can also tell the source by the type of news broadcast — and also where it's coming from through my aerial system."

He has been writing a column for DX-ers for the Listener since 1950 and besides doing Radio World for Radio Rhema also does a weekly programme for Radio Netherlands. Radio World is a magazine-type programme with interviews and feature items of interest to all radio listeners — both medium and shortwave. "It's not a hard DX programme. Modern radio receivers of the type found in most homes now are capable of picking up the broadcasts I monitor."

"LISTENER"

KNLS The "New-Life" Station



WORLD CHRISTIAN BROADCASTING CORPORATION

## Station of the Month

The World Christian Broadcasting Corporation's new international shortwave station, KNLS — "The New Life Station", is on the air.

KNLS broadcasts from near the top of the world, from a 71 acre site at Anchor Point on the scenic Kenai Peninsula in Alaska, 125 miles south of Anchorage.

Initial tests were broadcast in early July, mainly on 11940kHz but also on 17880kHz, with a 30 second test tape loop consisting of the song 'Go tell it on the Mountain' and station identification. Following FCC appraisal of the tests, regular programming began on 23 July 1983.

A single 100kw transmitter and 2 antennae are located at Anchor Point, although problems with the transmitter have meant initial operations have been on reduced power, about 50kw. One antenna is beamed towards Peking and provides coverage to Japan, throughout China and most of the Soviet Union. The second antenna is directed due north across the North Pole for broadcasts to European Russia. Propagation experts are watching the results of the latter operation with interest as the signal path through the northern auroral regions has always been considered unreliable. KNLS station publicity estimates that over a third of the earth's population fall within broadcast range from Anchor Point (see map of the 2 signal beams below).

World Christian Broadcasting, the organisation behind KNLS, is a non-profit corporation, incorporated in Texas in 1976. Using linguists and cultural experts, WCBC intends developing and airing programming in various languages, and featuring news, music, sports and information to supplement the religious content, to attract and hold the largest possible listening audience. Initial programming from KNLS has included music from the American 'big band' era. WCBC's future plans are for 2 more strategically located stations — the first to be situated in the Southeast USA or Caribbean, the second in the Indian Ocean area. From its 3 locations, WCBC hopes to ultimately bring the Christian gospel to much of the globe.

In NZ, this new radio station KNLS Alaska has been an easy catch, with an English identification at 0900 GMT sign-on on the frequency of 11820kHz, before Russian programming begins. But be quick with your log, as their advance transmission schedule (see box above) shows a move to 31 metres on 4 September, and the frequency chosen may not be as well heard as 11820kHz. Note also that, at time of writing, (mid-August), KNLS is still experiencing transmitter problems, with sporadic breaks in signal.

Reception reports should be address to KNLS, P.O. Box 473, Anchor Point, Alaska 99556. Verie signer is Francis M. Perry, Director of Engineering for KNLS.



WORLD CHRISTIAN BROADCASTING CORPORATION

15

Bryan Clark 8/83

KNLS ANCHOR POINT ALASKA

Transmission Schedule

1) until 3 September 1983

0900-1200 on 11820kHz, beamed 330° to Central USSR in RR.

1200-1330 on 9690kHz, beamed 300° to China in Mandarin.

1330-1630 on 11820kHz beamed 0° to European USSR in RR.

2) 4 Sept till 5 November 1983

0900-1200 on 9620kHz in RR.

1200-1330 on 6170kHz to China.

1330-1630 on 6170kHz in RR.

Beams, target areas & Languages as in 1) above.

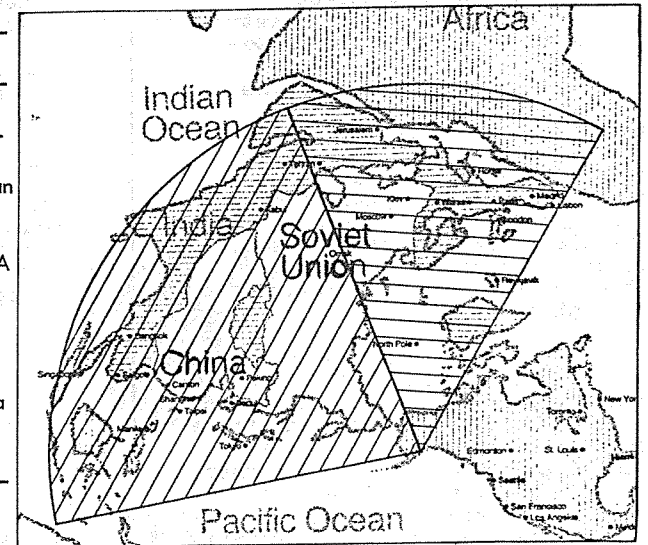
3) 5 Nov. 1983 till 5 Mar. 1984

0700-1200 on 6170kHz to Central USSR in RR & Ukrainian.

1200-1500 on 6170kHz to China.

1500-1730 on 6170kHz to European USSR in RR/Ukrainian.

1730-2000 on 6185kHz, beamed 0° to European USSR in RR and Ukrainian.





TURN TO  
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Observations, comment, opinion and questions  
 - all in the spirit of the DX hobby.

**BRYAN MARSH**, 20 Rimu Road, Mangere Bridge, Auckland would like to know if any member has fitted the Gilfer Filter modification to a Yaesu FRG7700 as mentioned on page 299 in the 1983 WRTVHB.

**DEXTER POWLEY**, from Dunedin keeps us posted with details of his recent DX efforts, and lists his equipment as an FRG7 and older 12 valve Halli-crafters communications receiver. Added to these is a Q multiplier, 36 inch loop, and the League loop booster. (The Q multiplier was a great thing in the 50's wasn't it Dexter. Can remember DXing with Don Reed and the gang in Christchurch using an old Gulbransen car radio, 25 feet of wire, a being able to log Guatemalans on MW at 3.30 in the afternoon during the winter months !)

isborne is shortly to of Plenty and asks direction for an location. (There ver Doug to that experiment. As experience should stick are generally an the random est add-on order to get it would be to tuning unit. you with the 1 out of any a.)

one of our U.S. recall his land a year ago ne he had here. Igs to all e, specially at

Blenheim ponders on ne Best of the Month t seems ludicrous can be made for a to hear station, time a far harder can appear in in the same se that person is out BOM it goes gnised. How about cted by editing es ?

Ian continues: I think it would create much more interest in this award, and of course it would be much harder to win and therefore be more rewarding when one did."

**ADRIAN VERRY**, Lower Hutt briefs us on his DX interests: "I began DXing back in 1957 using a Philips receiver of 1930 vintage. Late in the '60's I turned to a Heath GR78 and several others have been through the shack since then. I've settled for an FRG7 with digital readout, and a homebrew Deltahet with digital readout. In the field, I use a DR28. Very rarely do I send reports unless stations request them of the station is 'exotic' to me. I'm perhaps more of an SWL, but with ham leanings, although I prefer to weild a soldering iron rather than a microphone. " (Perhaps you could give us the lowdown on installing digital outriggers on the FRG7.)

**JIM BENZONI**, Hamilton took up his pen for Musings this issue and asks where he sends for an up to date points list. Try Box 3011 Auckland. And for a 2YB QSL. These should come OK from Box 2092 Wellington. Perhaps send it for attention Cindy Beavis. Yes, David's DX Programme monthly on 2YB is well received. Was slipped on o SW in the 'Best of Access' from 2YA the other week and brought in some overseas enquiries.

AUCKLAND BRANCH ACTIVITIES



**DXPEDITION**  
 Whangaparaoa Army Camp  
 29th - 31st July 1983

*"MENU"*

**SOUP OF THE DAY.**  
 MAIN COURSE  
**ROAST BEEF or HOGGET**  
 with:-  
 Baked potatoes, kumeras and pumpkin.  
 Green peas. Carrots  
 Creamed potatoes.  
**DESSERT**  
 ICE CREAM AND FRUIT SALAD  
 Your cook:  
 Ron. H. JOHANSSON

The Auckland Branch held its first DXpedition for 1983 on the 29th July at the Whangaparaoa Army Camp. This very pleasant spot is located at the end of Whangaparaoa Peninsular and commands impressive panoramic views of the Hauraki Gulf. Six branch members turned up with appologies from three others laid low with the flu.

For the first time an Auckland DXpedition experienced some reasonable broadcast DX with several North American, Asian and Middle East stations being logged. Of interest to all present was the hearing of KNLS the new Alaskan on 11820 Khz. Antennas in use varied from 50 to 600 feet long and receivers included the new ICOM R70, Kenwood R1000, FRG7, FRG7700 and a TRIO.

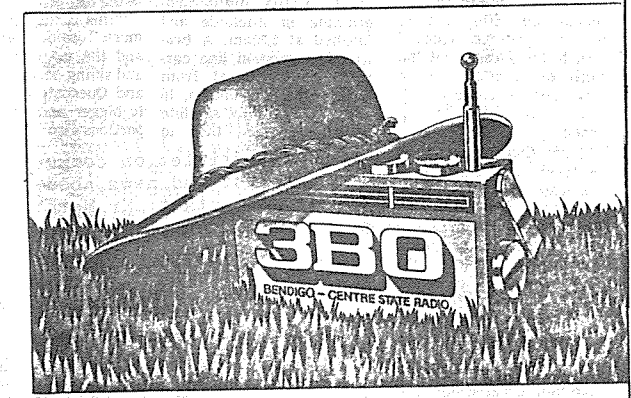
The camp is located in a valley and looks out to the SW with plenty of room in that direction for long wires. An easy stroll up to the ridge and one overlooks the gulf and can check out the gun emplacements. Army manouvers were limited to a small territorial medical detachment in training and the only mishap was one landrover running over a couple of low long wires.

Although the listening was good the highlight of the DXpedition was the midday three course meal Ron Johansson put on for us. I am afraid he may have created a precedent that will be hard to match in the future. That is unless we elct Ron to the position of Branch Chef.

The weekend ended with Tom Rushbrooke and Malcolm Holmes giving us a lesson on how to start our car. Frank Vader and Chris Hatton had already departed no doubt to catch up on lost sleep. A most enjoyable weekend and our thanks to Ron for organising it...Barry

INTERNATIONAL DIARY FOR SEPTEMBER

1 Libya National Day; 2 Vietnam National Day; 3 Sam Marino National Day; 6 Swaziland Independence Day; 7 Brazil Independence Day; 8 Jewish New Year 5744; 9 Bulgaria National Day; 10 Belize National Day; 12 Cape Verde National Day; Ethiopia National Day; Guinea-Bissau National Day; 15 Costa Rica Independence Day; Guatemala Independence Day; Honduras Independence Day; Nicaragua Independence Day; El Salvador Independence Day; 16 Mexico Independence Day; Papua New Guinea National Day; 17 Yom Kippur; 18 Chile Independence Day; 19 Chile National Day; 21 Belize Independence Day; 22 Mali Independence Day; Haiti National Day; 23 Spring Equinox; 26 Northern Yemen National Day; 29 Brunel National Day; 30 Botswana Independence Day.



**KMPC 710 KWIZ 1480**

via Mark Nicholls.

# Waves Direct Adelaide

were on skis for the first time in their lives.

With Greg Rowell, came disc jockey Greg Clark, who hosts the night programme from 9pm until midnight on 5AD. Last Thursday night he hosted his night shift from Queenstown, and listeners in

Sydney before getting to Adelaide.

Because broadcasting was on a narrow band line, they were unable to play music from Queenstown. So all the music and commercials were put in at the Adelaide end and with a three-quarters of a second delay, both sides of the Tasman were able to hear what each was saying.

The whole programme looked to be in jeopardy at one stage, as no lines were available between Queenstown and Dunedin only six hours before they were ready to start the show.

With the expert knowledge and co-operation of a technician from Central Otago Radio in Alexandra, Mr Barry Patterson, everything went ahead smoothly.

The show was such a success and everyone on the trip has enjoyed themselves so much, there look to be many more Adelaide skiers over in the future.

"This is the first of many more," said Greg Rowell, and the marriage of radio and skiing between Adelaide and Queenstown may grow to bigger and brighter proportions also.

features articles on communications stamps, checklists, areas of collecting interest and news about new stamp issues and postmarks. For more information contact: Mr Mathias Bjerrang, Editor HAM-STAMPS, Longyear Airport, 9710 Longyearbyen, Svalbard Island, Norway.

and, now... some GOOD NEWS! The Good News Trust Inc. has been granted an FM shortterm warrant to promote local church activities by providing Christian based non-denominational community orientated news and music programs in Hawkes Bay. The periods of broadcast are: 20 August-2 September, 18 December-15 January 1984 and hours are from 6:30am to 11pm NZT daily. The station will be located at Havelock North and operate on a frequency of 89.0 MHz with a transmitter power of 172 watts e.r.p. Commercials up to 4 minutes each hour are allowed. Broadcasting Tribunal

YOUR RENEWAL IS NOW DUE Please don't forget to renew your membership of the New Zealand Radio DX League. Renewal forms were issued with the DX Times in June-July and must be received no later than the end of August to guarantee your continued delivery of the DX Times. If your renewal is not received in time... you may miss out on the September issue because we will only be printing enough copies to send to members who renewed on time! Remember... renew now... without delay for the period September 1983 through August 1984! Thanks folks... we look forward to your company again!

## GERMAN BY RADIO

A new course of German by radio will be starting over Deutsche Welle (Voice of Germany) within the next few weeks. The first of the language books is available right now by writing to Deutsche Welle, P O Box 100444, D-5000 Cologne, Federal Republic of Germany. The first book is called "Auf Deutsch gesagt".

The course can be heard as part of the program "The Baumann Family" on Saturdays at 1000 GMT and Sundays at 2130 GMT on the Australian-East Asian service; Sundays at 0130 and 0530 GMT on the North American service, and Mondays at 0230 GMT over the South Asian service.

## Greame Pearse

### COMMUNICATIONS RECEIVERS FOR SALE

McKay Dymek DR22 General coverage, PLL large digital, professional type, made in USA. \$700. Also, Sony ICF 2001 portables, \$300 and \$250. Write to Bryan Marsh, 20 Rimu Rd, Mangere Bridge, Auckland.

### INTERNATIONAL HAM-STAMPS CLUB

Stamp collectors who are also SW Listeners may be interested in a new club combining both interests. A quarterly newsletter in English

## ONE HUNDRED COMPETITION

The above competition has been publicised in the League's member handbook "DXing Made Easy" for many years, but only recently have the special award certificates for this competition been relocated.

The original intent was to verify 100 stations in a particular country or state, but it has been decided to extend the opportunities for member participation by allowing the award to apply to any 100 verifications received that can fall into some definable category. For example, you could qualify for this special 3-colour certificate with 100 QSLs from 100 countries, in a single international shortwave band, in the South American Continent, in Australia on medium wave, and so on. Have a look at your verifications or the countries/stations/frequencies you are listening to, and see if you can make the magic one hundred in the category of your choice.

Probably the hardest task in this ongoing competition is the effort in submitting a list of the 100 stations or QSLs making up your chosen category. The list must include station name, frequency and date of reception, plus a statement of the definable category chosen, that is, the common factor involved in the listed stations. Send your list(s) to the Competitions Secretary, NZRDXL, P.O. Box 3011, Auckland with a 24c stamp for return postage. With the Chief Editor's approval, as space permits, those qualifying for a Certificate will be reported in the DX Times.

Note: The Competitions Committee reserve the right to seek further details of any entry before an award is made. BC



Some news of recent developments... SPARC Certificate has been designed and will be issued to competition winners shortly... don't forget the SPARC Competition itself which closes on 31 March 1984. All you need do is log and verify a mediumwave station from each callsign area in both Australia and New Zealand and as many separate Pacific islands as possible. Wally Singleton won the inaugural contest last year! Any further suggestions about competitions covering the Pacific area DX are welcomed... and already some thought has been given to a different type of competition. It seems that no-one wants to run the books... the idea of opening bank accounts in Australia and New Zealand so that it would be easier to join a SPARC club on either side of the Tasman has not caused much reaction! Everyone must be happy with the current system... and comments about the SPARC Abbreviation List are still sought! Confused by the abbreviations in this magazine... and others? Then give some thought to the proposed common abbreviation list circulated with the DX Times recently! The next SPARC Newsletter is being prepared... and any information should reach the SPARC Secretariat by Sept. 15. Current funding of SPARC through a \$100 grant from the NZRDXL seems adequate for this financial year... but member clubs will have to decide soon on how the future activities are to be financed. And... SPARC has been asked to back a resolution aimed at attempting to halt the jamming chaos on the international shortwave bands. Both the European DX Council and the Association of North American Radio Clubs want SPARC support for their calls for the stopping of jamming otherwise listeners will take retaliatory action. It is hoped to have an official DX representative at the WARC Geneva meeting in 1984 and the practice of jamming will be condemned by listeners.....

## N.Z. RADIO DX LEAGUE



# "CERTIFICATE"

AWARDED TO

ARTHUR FOX

Who has Verified 100 Stations in the 13 Metre Band

*J.M. Judge*

Secretary

# LEAGUE LADDERS

## Shortwave

	JUN	AUG	INC	CNT	NAME	JUN	AUG	INC	CNT
1250+)					<b>GOLD STAR (1250+)</b>				
n	2575	2590	15	245	Arthur Cushen	5434	5450	16	245
	2449	-	-	117	Dene Lynneberg	2588	2596	8	225
	1925	2004	79	121	Ray Crawford	2013	2031	18	190
	1743	1747	4	172	Ian Cattermole	1660	-	-	146
					Bryan Clark	1407	1410	3	217
01 - 1250)					<b>GOLD ACE (1001 - 1250)</b>				
s	1213	1218	5	92	Jack Searle	1250	-	-	149
(1093)	1113		20	129	John Campbell	1054	-	-	230
					Laurie Boyer	1003	1004	1	129
751 - 1000)					<b>SILVER ACE (751 - 1000)</b>				
g	974	982	8	106	Paul Ormandy	(942)	957	15	190
(857)	-	-	-	156	Lindsay Robinson	945	950	5	129
750)					<b>ACE (501 - 750)</b>				
h	749	752	3	63	Eric McIntosh	734	743	9	129
	591	594	3	101	Alan Gilmour	(703)	737	34	129
- 500)					Jim Benzoni	630	-	-	112
e	497	-	-	30	Paul Rawdon	(614)	617	3	146
(473)	479		6	71	Steven Greenyer	-	529	-	145
465	-	-	-	105					
(151 - 300)					<b>SENIOR (301 - 500)</b>				
-	283		-	40	Chris Hatton	(485)	-	-	88+
son	277	288	11	29	Ron Bower	(430)	-	-	67+
	259	-	-	25	Mike Smith	392	-	-	81
	202	-	-	24	Jack Farrow	362	364	2	63
(195)	199		4	28					
154	170	16	15		<b>INTERMEDIATE (151 - 300)</b>				
151	-	-	14		Nicholas Pacey	236	236	0	74
					Michael Williams	182	-	-	51
150)					<b>JUNIOR (50 - 150)</b>				
r	151	158	7	13	Arthur deMaine	156	159	3	71
er	(80)	-	-	27	Paul Schnell	138	146	8	53
	63	65	2	9	Mark Nicholls	(50)	52	2	19

didn't contribute in June  
 haven't contributed on the last  
 ones and will be deleted next time  
 Under competition we go, and many thanks to all those who have  
 his time round. If you haven't contributed but would like to  
 it be shy put an entry in to ye ed., me, in October. My  
Andrew Gardner and Arthur deMaine, both of whom I have forgotten  
 ne next section - sorry fellas! Congratulations go to the  
David Ricquish who has finally got enough to move into the Silver  
 (next December!) and to Ray Crawford our Boyne, ...Boyne...Boyne...  
 from Boyne Is. near Gladstone, who has finally reached 2000 on BC.  
 both of them. Well that's the lot till October. I look forward  
 om you then.

73's,

With **STUART FORSYTH** of Darfield

*Stuart*

# TV·FM DX

With **PAUL RAWDON** of Eastbourne

Hi, a fair amount of news this month so with no further ado:- GOLDFIELD COMMUNITY ACCESS RADIO have been granted a further short term warrant to run from 14 August to 10 September. The station will be on air to promote the Thames/Hauraki Plains Festival. Frequency will be 92.75 MHz with a power of 50W erp. and the address for reports is P.O. Box 19, Paeroa. Transmission hours will be 0600-2000 Mon-Thurs 0600 to 2400 NZST Fri-Sun. Meanwhile, Christchurch will have a station on air from 20 August to 3 September run by Radio New Zealand to promote the Christchurch Industries Fair. A frequency of 89.5 MHz will be used with a transmitter of 400W erp located at the TVNZ Sugarloaf transmitting site. Transmission hours will be 1300-2200 Mon-Sat and 1300-1700 NZST Sun. In Wellington, Radio Active is back on air for a further period. Maori Language Week in Wellington was promoted by Te Reo O Poneke 89FM using Radio Active's gear.

(VIA MARK NICHOLLS)

The Southland Times, Thursday, August 11, 1983. 3

## Decision At End Of Month

The Waiau Community Radio Station will decide at the end of this month when to send in its application to the broadcasting tribunal for an FM radio licence.

The society hopes to establish and run an FM station in Tuatapere, initially transmitting for one hour each week on Friday nights.

The president of the society, Mr Owen Zwies, said last night a meeting was to be held on August 31 to finalize the society's application.

"We intend to apply for a short-term licence for seven months and this could be extended later if things work out," Mr Zwies said.

"We are hoping to do the whole thing for \$1000, much of this going towards a transmitter and the \$150 required for the licence."

Mr Zwies said the idea behind the station was to provide school students and community and service organizations with an outlet. It is hoped people from these different groups will organize each Friday night transmission.

The station will also play music.  
 "It will be a non-commercial, non-profit station and will allow students to read their essays and poems over the air and will enable service clubs to tell the community what they are doing."

At its meeting on Tuesday, the Tuatapere Community Council granted the society permission to use the RSA Hall for transmissions.

If the licence for the station is approved, it is hoped to start transmissions from the first Friday in February, 1984.

Radio New Zealand's proposal to commercialise the Concert Programme seems to have caused quite an amount of discussion lately, if the number of letters to editors is any indication. In my mind, it's a pity most of the correspondents were not a little more constructive with their comments. Another impression gained is the narrow mindedness of some listeners in metropolitan areas towards their rural counterparts who have suffered for years through poor reception. If advertising is the only way of providing an improved service to listeners then it is a small price to pay.

Lindsay Robinson, Invercargill has logged 3FOX-FM 101.9 MHz. while on holiday in Australia.  
David Ricquish, Wellington has a report out to Te Reo O Poneke 89.

Whangarei could have a full time station on air next year. FM Kauri Radio Ltd., have been advertising for a Marketing and Sales Manager recently. It will be interesting to see if anything develops.

The latest McNair Survey in Auckland has shown the two FM stations are having a 15% share of the Auckland audience.

According to a clipping from the June 21 edition of "Inner City News" supplied by J.F. Schot, Auckland FM stereo could have the edge on AM stereo at the moment because of a lack of the necessary micro chip needed to convert existing AM receivers. The estimated conversion cost is in the region of \$100 and this too could effect the success of AM stereo.

WJK and RO have been heard in Wellington again recently with very poor signals. It will be interesting to see what happens during the summer as if present indications are anything to go by, they may find an increase in their audience figures!

Radio Rhema appear to have ceased using the 163.575 MHz studio - transmitter link in Wellington.

Coming up in the next few months will be a special feature on how VHF reception is affected by the weather. This could have additional meaning now that we have full time stations on air.

Until next time cheers, and please keep those contributions coming in.

# Maori radio goes on air

By JULIET ASHTON

A NEW radio show, entirely in Maori, hits Wellington's airwaves on Thursday morning.

The programme marks the launching of Te Reo O Poneke (the voice of Wellington). New Zealand's first private Maori radio station. Using Radio Active's studio at Victoria University and its FM band of 89 MHz it will beam out programmes to Wellington and the Hutt Valley for the following five days, opening with a broadcast from the university's Te Herenga Waka marae.

Programme content will be a lively mix of music — mainly Polynesian and reggae, and talk, mostly in Maori though some discussions of Maori issues may be conducted in English.

The aim is marae on radio and each day's broadcasts will begin and end in traditional marae style with karakia (prayers) and mihi (greetings).

News, weather and traffic reports, sports and racing

will all be regular features though a proposed talk back show had to be canned because the station's insurance policy does not cover the possibility of slander.

Each afternoon will feature a music programme for young people hosted by university students Ngahiwi Apuanui and Sean Ogden and a children's programme from Maori language teacher and playwright Maka Jones.

The station is the brainchild of the Maori Language Board (known as Nga Kaiwhakapumau i te reo — upholders of the language) a group set up under the auspices of the Maori Affairs Department and representing tribes resident in Wellington.

In the pipeline since Maori Language Week last year, the board's long preparations paid off last month when it was granted a short-term FM licence by the Broadcasting Tribunal.



PRACTISING for their broadcasting debut on New Zealand's first private Maori radio station, Huirangi Waikereperu, left, and Maka Jones. "It's marae on radio," Mr Waikereperu says.

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## GREAT CIRCLE BEARINGS AND DISTANCES

Typed by B. Clark.

It's always interesting to consider how far a radio signal has travelled to reach your antenna, and if you're a broadcast band DXer into long wire 'beverage' antennae, exactly where you should be pointing your wire for maximum pick-up of a wanted location.

The following list was prepared by **Bob Dunstone** of Invercargill using a Sinclair ZX81 Computer and with coordinates from the NZ University Atlas. Note how Invercargill is closest to Rio de Janeiro, Montevideo, Lagos and Johannesburg, while Auckland is closer to Quito, Lima, Miami and London.

target	base	(the first figure is distance in km, below that is the bearing in degrees from N)				
	WELLINGTON	AUCKLAND	CHRISTCHURCH	INVERCARGILL	TE ARAROA	
<u>RIO de JANEIRO</u>	11881	12278	11780	11686	12009	
22°50s 43°w	143.8	143.0	146	150.1	140.0	
<u>LA PAZ</u>	10910	11158	10932	11030	10832	
16°20s 68°10w	120.3	119.7	122.1	125.8	117.4	
<u>QUITO</u>	11363	11456	11481	11718	11124	
0°15s 78°35w	101.4	100.4	103.4	107.3	98.2	
<u>LIMA</u>	10592	10768	10662	10832	10434	
12°0s 77°0w	111.0	110.6	112.8	116.2	108.4	
<u>PARAMARIBO</u>	13694	13888	13743	13875	13555	
5°50n 55°10w	114.5	111.7	117.7	123.3	109.3	
<u>BOGOTA</u>	12100	12187	12220	12456	11855	
4°34n 74°0w	100.9	99.4	103.2	107.6	97.3	
<u>MONTEVIDEO</u>	10073	10454	9991	9934	10716	
34°50s 56°11w	140.4	140.3	141.8	144.8	138.0	
<u>PORT STANLEY</u>	8484	8911	8359	8240	8670	
51°40s 58°0w	149.5	150.0	150.3	152.2	148.1	
<u>PANAMA</u>	11977	12002	12131	12417	11678	
9°0n 79°25w	93.6	92.2	95.9	100.1	90.2	
<u>HONOLULU</u>	7509	7073	7809	8253	7006	
21°19n 157°52e	27.6	28.5	29.1	32.5	24.9	
<u>ALASKA</u>	12203	11725	12488	12890	11732	
65°0n 150°0w	15.0	14.7	16.1	18.2	13.3	
<u>LOS ANGELES</u>	10809	10492	11100	11557	10305	
34°0n 118°10w	50.3	50.0	51.9	54.9	48.0	
<u>MIAMI</u>	13064	12957	13279	13647	12666	
25°52n 80°15w	78.7	76.5	81.0	85.7	75.0	
<u>NEW YORK</u>	14398	14187	14654	15071	13940	
40°45n 74°0w	66.4	63.0	69.0	73.7	62.4	
<u>VANCOUVER</u>	11751	11345	12054	12511	11238	
49°20n 123°10w	36.7	36.0	38.2	41.0	34.6	
<u>NEW ORLEANS</u>	12541	12360	12789	13198	12097	
30°0n 90°5w	69.4	67.7	71.5	75.5	66.2	
<u>CHICAGO</u>	13434	13175	13707	14147	12952	
41°45n 87°40w	59.5	57.4	61.7	65.6	56.3	
<u>MONTREAL</u>	14640	14386	14910	15345	14161	
45°30n 73°30w	60.8	57.5	63.3	67.8	57.0	
<u>LAGOS</u>	16030	16505	15744	15331	16494	
6°25n 3°27e	194.8	196.7	197.5	202.7	189.6	
<u>JOHANNESBURG</u>	11754	12177	11452	11002	12262	
26°10s 28°8e	210.8	211.6	212.4	215.5	208.2	
<u>LONDON</u>	18804	18326	18963	18990	18458	
51°30n 0°5w	342.6	347.6	331.0	308.3	356.1	
<u>CAIRO</u>	16509	16558	16294	15907	16874	
30°1n 31°14e	260.7	268.0	259.2	259.0	264.1	

DX CLUSIVE

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E & OE

eners were able to tune into a y different from anything ever alld before earlier this month. llington broadcast entirely in with commercials, time checks tion IDs.

age is one of two languages ed in New Zealand for official ntil recently, had a declining e using it. Each year, Maori ncourages use of the language unication.

certainly provided listeners into the emerging multicultural ealand society. Reggae music long with songs by Maori singers wles, Tina Cross, Howard Morrison Teka together with more tradit- ternational artists Dame Kiri Te Te Wiata also featured. The orts: Nga Kaiwhakapumau I Te Reo, Kelburn, Wellington

# dcasting t holds ars

com- He believes a permanent rs for station is urgently needed if presi- Maori language is to survive tator in New Zealand.

"Radio and television are the most powerful media for impact on people," he says. He sees the five-day licence as a breakthrough toward a permanent Maori commercial stations which people could listen to every day.

This would be a powerful factor in halting decline of the language, he says.

Like the other commen- tators, Mr Waikereperu will concentrate on material from his own tribal region of Taranaki — particularly the waiata (songs) which he says contain much of the history.

He also plans to include children's stories, jokes, riddles, request sessions and interviews on topics like educa- tion and kaimoana (seafood).

He does not expect huge audiences for Te Reo o Poneke but he says: "Even if we only have one listener that's 100 times better than we've had for the last 100 years."

"Our aim is that Maori language week last the whole year."



everyone! Welcome to the Medium wave pages yet again for this month's eus. The odd conditions still continue in this part of the world with and Lark Nicholls reporting an upsurge in DXactivity from the good old ers well for a bumper summer season so start planning those DXpeditions of us who enjoy Caribbean DX will find that in the next few months will be at their peak, watch particularly the period 0930-1030 with signing on in this bracket. Please note, now that there are two 2XL's to stipulate which one. Let's have a big round of applause for Lyall his stalwart efforts with the 'mini-trails', please follow Lyall's contribute to these lists which aid our junior listeners and whilst on our next feature is for Queensland. Right, now let's get on with it.

Opunake  
month with no reports out but a couple back from WFAA 570 and the nation Station at Whakapapa Village 522. Have they started regular op-ill and are they a regular signal?

Dunedin  
tributor from 'the Edinburgh of the South' for quite some time, welcome write often. I hope you can get to the A.G.M. in Oamaru. Just the one KIEV 870 with rewards from XERF 1570 and 2GZ

Greymouth  
ote a report is on the way to 4XA 531. Good luck, even DR can't QSL them ons to hand. You have to send them out to get them back.

a. Auckland  
ngs of JOLK 612 KUAM 612 VOA Thailand 1575 and UAE Sadiyat 729, been andle a bit? One verie to hand from KROW 780

Eastbourne  
with "not an awful lot to report" but reports out to 2XL Rhema 801 SL's from 4RD Rhema 801 1XR. Do you have any DXpedition plans? Should nty of rewards if you do.

Invercargill  
in the QSL's from his holiday(?) across the World with CFBR 900 Bel n 1512 917 & Wavre 621, Londonderry 793, REE Spain 729 & 738 HLKM 657 G 594 WJL 1440 Vigra, Norway 630 WKPR 1420 CHYR 710 WYSL 1400 WIMS CKKW 1090 WHLS 1450 RTE(?) R.Eire 828 and EA19 R.P.Salamanaca 1134 out to Rhema 801 2YB 783 H4B Gizo 945. You'll have to put up a few more notate all the wallpaper.

Queenstown  
to KGUM 567 KOFI 1180 WHAM 1180 KUUX 1480 KHTT 1500 KQWB 1550 KLIF J 6WF 7HO 4ZA 4XF 22P 2ZH 4XA 4XC (you could have logged that one with 4XD 22D 1XW with replies from KGUM 567 KCRG 1600 KHTT 1500 6WF 7HO 4ZA 2H. Great stiff, I hope that warms you up for Waianakarua.

Haumoana  
ut i.e. Rhema 801 and Ruapehu Radio 2XR (which freq. Jack?) QSL's in 1 and R. Fiji Suva 558 & 774. Just keep your ear to the set Jack and 'em up. Try setting the alarm about 1400z.

Invercargill  
lthy list of stations with QSLs of 2WEB 585 JOBK 666 JOZK 963 6WA 1XS of HJLC La Voz del Banco 1580, HJID R. Mercante 1380 6VA CFWH 570 DZVV JOLR 738 and 6PB 738. Thanks Arthur see you at the A.G.M.

n. Invercargill  
usual with reports out to R. Union Quito 1600 CFOK 1370 2MG HJZI R. Fan- CS4 r. Calidad 1445 2RPH 1629 2XR and two back from WMOO 1550 and 2MG. making the A.G.M.? It would be great to meet you.

Dwaka Sneaking in with reports out to XERF 1570 Noumea 666 and several tlets. Will reserve more space for you next time.

Brian Webb, Upper Hutt  
Leads off our second page with reports out to 1XS 1XC 2MG 2ZD 4QD 7ZL KNX 1070 and returns from 1XC Rhema 801 3XR. Brian comments that the Rhema cards were worth waiting for as they depict monochrome photo's of the towns concerned. Also Masterton has been observed testing 1800-1900 Fridays and is worth a stickybeak, what freq. Brian?

Andrew Gardner, New Plymouth  
But not much longer, has no reports out but QSL's in from 2GZ 2KY 2NX 3HA 4GR Rhema 801 and R. Seychelles 1368. Nice African, wish I could hear them.

Patrick Martin, Seaside OR U.S.A  
In two letters tells us of his activity with a few good openings allowing logs of 2RPH or 3RPH on 1629 as well as hearing an ABC station on 1602. QSL's have come in from KKFX 1250 KFH 1330 KUPL 1330 KHII 1320 and 4HI as well as a second QSL from 4XA 531 (I won't print DR's comments but he hasn't yet verified them) Patrick reports trouble QSLing 3AR, DR suggests you write a letter of complaint to the Australian Embassy in Washington D.C. Do you know what a muck-raker is Patrick? But then it did take David 15 months to verify them.

Lindsay Robinson, Invercargill  
No logs this month (What!!! send me that ICR70) but rewards in from 4SB 2GZ 3EA 1224 5CK 7RPH 1620 and HJCV R. Cordillera 1190. Hope to see you at the A.G.M. Please bring the new set, I would like to try it out.

Lyall Mathieson, Morrinsville  
The mini trail man, has logs of 7BU KPNW 1120 KTOM 1380 and KTRH 740 with two back Rhema 3XR & 2XL. An interesting F.M. aerial is used by Lyall i.e. a length of TV ribbon strung up inside. It provides good reception of the two FMers in Auckland

Paul Edwards, Wellington  
Reaping the rewards of his Te Araroa trip with replies from WIOD 610 KDWN 720 DYMR 1359 (Paul notes that this station has changed calls and freq. and is now DYIM 576) KRIO 910 and KTXZ (who will undergo a format change to 'golden rock'n'roll) The KRIB reply was for a follow-up to a 1979 report and the new CE Casey Hales commented that the former CE was not a good replier. The KDWN signer was David M. Hallow.

Ray Crawford, "The Boyne Islander" Queensland  
Reports are out to 2GZ KCNN 1360 (DX test) XEMS R. Mexicana 1490 XEFAJ La Consentida 1580 LT46 R. Provincia de Misiones and QSL's from 7RPH VOV Hanoi 630 HLKH Gwangju 747 2GE Harmonic 1638. So, you've run out of stations at last and now you're logging spurries. Hope you can take full advantage of the lack of QRN, would love to follow Paul's footsteps but we've just bought a house.

Steven Greenyer, Invercargill  
Just varies to report i.e. KOQT 1550 DAX4M R. Atalaya 1300 HJPX R. Olimpica 1480. Radio Atalaya is about to increase their power from 5Kw to 15Kw and could have already done so. Hope you strike a few Latin openings before the conditions fall away.

Noel Parry, Invercargill  
Another one of our regular Southern contingent has been busy with logs of 7RPH YJB1 Vila 1125 2GB 4MK 3DB 3WM 2GN 3MA KHVH 990 4GR 7HO 2KP 2XR 1125 2RE and Noumea 666 with veries in from KROW 780 3XR & 2XL Rhema KHVH 4GR 3DB and 3MA. Thanks Noel. I hope to see a lot of you Southlanders at the A.G.M.

Bryan Clark, Auckland  
Just the one out to KCNN (DX test 25/7) and QSL's from KCNN and RNE Spain 855, never mind Brian I'm predicting a bumper Yank season or my names not Nostradamus!

Dene Lynneberg, Pukerua Bay  
Reports out nil. Veries DXOR 729 and FEN Philippines Clark AFB 1512. 4XT 1305. A quiet month Dene, will reserve some space for you next month!

David Ricquish, Wellington  
Who verifies Hawaiians with nonchalance ease picks up another with KZHI 1080, and is considering sending follow-ups to all who haven't replied since 1970!!

# CAST-TRAIL

ita Falls, TX gd at s/on w/SSB (Star Spangled Banner) & id. 0900 PU  
 aso, TX fr w/"Casey Casum's American Top 40" peaking o/KKUA 0730 PO  
 Vegas, NV gd when 4YZ off w/local nx, devotional "K-DaWN" ids 1230, PO  
 le, HI, vgd at s/on 1500 w/full id and Mutual nx via satellite PO  
 lulu, HI gd w/nx, RC. (this station has all nx/talk format-ed.)  
 er, CO gd w/talk-show 0730, RC. (another nx/talk format-ed.)  
 Orleans, LA gd 0710 but mixed KAIM Honolulu (religious), RC.  
 ngton, NE vgd w/local ads for "Big Valley Hardware" and using id as  
 r 50,000 watt country companion - KRNV" mostly C&W/Truckers Shows, PO  
 ana, gd in SS 0715, RC, ids as 'Radio Novente Cinco'  
 and, CA exc. w/nx 1100, RC, ids as 'KASLe'  
 Angeles, CA gd in SS 1100, RC, Exc, strong w/SS annc & mx 1220 MN.  
 er, WY gd w/"K-2" ids & adv. for W.NY. National Bank 1115, MN  
 errey gd in EE all-nite from 0700-RC, Id's as 'Radio Melodia'  
 o, CA mxd CFCN Calgary AB 1045-RC, Fr w/ad for "Landmark Chico" MN  
 Francisco, CA fr w/sports results 1100, RC  
 i, HI w/baseball show id 1200 then MOR mx, KR (sked. 1500-0906?)  
 ouis, MO mxd w/KPNW Eugene OR 1050, RC  
 veport, LA mxd w/CKWX Vancouver, BC 1050  
 amento, CA fr 1040, RC. (has C&W format)  
 Angeles, CA gd w/talk show 1050, RC  
 Lake City, UT exc w/station promo. 1045, RC  
 spell, MN fr w/Larry King Show then local nx & wx 0800, MN  
 ester, NY fr w/YL DJ ids as "WHAM 1180, first in Rochester N.Y." MN  
 land, OR gd w/talk show 1040, RC.  
 as, TX fr, ad for new Jewellery store mxd KEX 1138, MN  
 Antonio, TX exc. sig 1000, RC. (this is probably the clearest Yank fq)  
 on, OK gd w/nx 1045, RC  
 ria, BC gd w/mx prog. 1045, RC  
 yo Grande, CA gd w/nx 0700, RC  
 dena, CA gd in SS 1000 mxd KPMS Seattle WA later, RC  
 and, CA gd w/mx prog. 0700, RC. (has Black Soul mx format)  
 amento, CA gd w/talk 1015, RC  
 Diego, CA hrd 25/7 w/DX test at 0930.  
 uvincia de Misiones, Bernardo de Irigoyen fr for 5 mins. w/s-on annc.  
 , Also heard 26/7 at same time but not hrd since, RC.  
 lock, AB fr w/"CFOK Weather" then C&W 0845, KR.  
 eley, CA w/Jazz 0700, still audible 1000 ids "KRE in Berkeley" RC  
 ouver, BC gd 1030, RC, Punching thru 4ZW QRM 0845, briefly, PO  
 Gabriel, CA gd in SS 1100, RC. (all SS format)  
 a Maria, CA mxd 1015 w/2CN, RC  
 pe, E. Caroline Is. gd o/2MG w/islands talk 1045, RC  
 s, TX vgd 1140 w/Top 40 mx, ids as "were celebrating our birthday  
 tuned to KUUX for details" then C&W mx 1150 o/KYOS Merced CA MN  
 xicana, gd w/ids often 0730, RC. (more details please)  
 Jose, CA gd w/pops 1240, MN  
 roma City, OK exc, w/C&W 1020, RC  
 floo, IA gd w/nx 1030, RC  
 o, ND fr w/promo for "the wizard, magic and wit" 0840, MN  
 mans, George Town s/on 1100 w/steel band mx, KR. (Yellow Bird?)  
 ad Acuna, Coahuila exc. w/SS 1030, RC  
 nix, AZ mxd KDAY Santa Monica, CA 1020, RC  
 Jose, CA gd w/pops 1015, RC  
 Beacon, Anguilla vgd w/abrupt s/on w/full id 0835, PC  
 io for the Print Handicapped', Sydney hrd o/3RPH 1200. Now 500 watts  
 ess is P.O. Box 242, Sydney, KR  
 a different style of trial. Please let me know what you think of it.  
 will mean you adding more to your contribution to alleviate blankness

i.e. listing more of what you actually heard and other interesting info. you may have e.g. which are regulars in your area, names of programmes, ways of identifying e.t.c. then leave it to me to fill up the rest of the line. It will mean more work for all of us but the 'better information' resulting will add dimension to the trial and clear up much of the vagueness for some of our readers. Remember to make your thought's known when you next contribute.

- \*\*\*MINI TRAIL - Victoria\*\*\* Thanks to Lyall Mathieson of Morrinsville\*\*\*\*\*
- 584 3WV Horsham, ABC3 2000 w/ABC and Victorian news f/out 2200, 50Kw
  - 621 3AR Melbourne, ABC2 fr 0845 gd by 1100 w/nx, 50Kw
  - 774 3LU Melbourne, ABC1 fr mxd R.Fiji 1930. Also gd at 1100 w/nx, 50Kw
  - 828 3GI Sale, ABC3 poor mxd 2XS and 4NA, 10Kw
  - 882 3YB Warrnamboul, fr u/48H 1245, 2Kw. Hrs 1930-1330 (Sats -1400, Suns -1230)
  - 927 3UZ Carlton, fr on peaks, heavy 3RM 2ZA and 4CO, 5Kw. 24Hrs
  - 1026 3DB Melbourne, fr u/12H mxd 4AK, 5Kw. 24Hrs
  - 1071 3CV Maryborough, gd w/pop mx w/4SB nulled & occ. KRX hat, 5Kw. Hrs 1500-1400
  - 1089 3WV Wimmera-Meleo, badly mxd w/2GZ but some gd peaks 1030-1100, 5Kw. Hrs 19-1500
  - 1179 3KZ Melbourne, gd solid sig all-nite. Best Melbourne commercial w/Rock'n'Roll and oldies 0900-2000, 5Kw. 24Hrs
  - 1242 3TR Taree, some gd peaks thru 1XX, 4AK & 5AU, best of Aussies 1001-1100. 5Kw.
  - 1278 3AW Melbourne, way under 2ZC fair at best, 5Kw. 24Hrs
  - 1377 3MP Omeo, clear but fr w/rock mx, 5Kw, 24Hrs
  - 1422 3XY Melbourne, slightly mixed 3XB but later dominant 0830-1015, 5Kw. 24Hrs
  - 1467 3MA Mildura, fr-gd mxd Fiji 1115-1130, 2Kw. 2000-1400. E. Euro langs, 1000-1230
  - 1503 3AK Melbourne, gd u/3XC open carrier when 2BS off 1715-1730, 5Kw. 24Hrs
  - 1566 3NE Wangaratta, gd and clear 0945, 5Kw. Hrs 1900-1500

Next month's Mini Trail will feature Queensland. We had a good response last time so please every-one lets repeat the effort. Pay particular notice to station slogans ads, s/on and s/off times, formats, in fact anything that may ease identification. Our contributors this time were, KR-Keith Robinson, Invercargill, MN-Mark Nicholls, Queenstown, RC-Ray Crawford, Boyne Island Queensland and PG-ye ed., Paul Ormandy from the Whitestone City. *73s Paul*

## MAILBAG CONTINUED

Paul Ormandy, Oamaru Well, I've been busy sending follow-ups to the stations that didn't reply from 1982 and I also found time to log KUAI 720 KDWN 720 whilst 4YZ was off air with the shifting of 4ZG to Dacre, as well as KHEY 690 KWFT 620 and KRNV 880. I also scrounged an additional log off tapes from my June trip, ie OAXIC Radio Delcar 1520 and must amend last month's contribution from KFRC 610 to WIOD 610 after repeated listening to weak signals on the tape revealed the Florida station. Just goes to show the value of a cassette recorder! Rewards in from 3XR 594 and KSDO 1130.

UNIDENTIFIED heard on 730, at 0548 on 25/5 with SS IDs as "Radio Eco..esta es la voz de la noticias" mentioning Costa Rica then news bulletin. GMT -6 time checks. Does R. Reloj TIHB relay Radio Eco 960 news? PO. Wellington DXers have also reported a new SS signal on 730 about this time which has also eluded all attempts at identification so far! Can anyone help with this one?

## BEST OF THE MONTH

This month, it's a tie between Mark Nicholls with KCRG Cedar Rapids IA 1600 khz 5kw and 127 points, and Lindsay Robinson with HJCV Radio Cordillera, Bogota, Colombia 1190 khz 10kw and also 127 points.

PIONEER RADIO 4XD DUNEDIN: 1431 khz 450 w.

Jack Fox writes about the station he has recently been made Publicity Officer of... New Zealand's oldest radio station... "After being domiciled at the one transmitting site for 50 years, 4XD has moved out of the inner city area to Highcliff on the Otago Peninsula. Transmitters are housed in a former NZBC receiving station downhill from the tall 4YA, 4ZB-4YC masts and not far from 4XO. The original 163 ft long single end fed aerial was replaced in March by a 110 ft high steel lattice radiating mast. The new site provides better coverage of Dunedin and extends coverage into South Otago. Primary service area is Dunedin and suburbs. former wartime Army/Navy transmitters radiating 450 watts. One is used as a standby transmitter. The slogan "Radio Alpha" is no longer used."

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"My understanding is that if we got community involvement it would be more economical for the corporation to come into it."

Mr Johnston suggested the use of Rahoitu Domain land for the transmitter.

He stressed urgency when he said there was a strong movement pushing for FM radio in the major centres, pushing the needs

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of the Taranaki west coast further down the list.

A committee nominated to investigate having a repeater station built comprises Messrs Dudley Morris, Doug Coxhead, Don Sarten and Geoff Johnston.

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Bill Woller

FS Wednesday, July 13, 1983

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means we will be provided with a first-rate programme at those times when it is not economical for us to broadcast locally. On the advertising side we are selling on a sponsorship basis to national clients and we will not be accepting competing products."

During the height of the season each ski resort attracts up to 14,000 visitors, and around half a million people travel to Mt Ruapehu each ski season. Although there have been short-term radio stations in the area in the past, Ruapehu Radio will be the first to cover both ski fields. The station, which has studios in Raetihi, will broadcast on 1233 kHz Raetihi and 1269 in National Park.

## AUSTRALIA

576 2WEB Bourke NSW returned here ex 585 after emergency broadcasts from 26/6-10/7 using 2kW omni DA. Current Sched: 2100-0700  
DX AUSTRALIA

738 6PB Manjimup WA. New ABC outlet heard at s/off 1600. QRM from Radio Tahiti.  
ARTHUR CUSHEN

1584 4VL Cunamulla Q carried out tests 14/15 August using 200W. New transiator for 4VL-918.

Chris Martin via Dene Lynneburg

1629 2RPH Sydney NSW, best on Monday evenings when in the clear, 1000GMT.

ARTHUR CUSHEN

Several West Australian stations have now joined the MacQuarie Network effective 1 August 1983: 6LN 666/747, 6BY 900, 6MD 1098, 6SE 747, 6VA 783, 6WB 0071.

Advertising News 15/7/83 via David R



## AUCKLAND RADIO RATINGS REVEAL AIRWAVE BATTLE

The first ratings have been released for the Auckland area including the two new FM outlets and there is not much between most of the contestants! The BCNZ Survey is for all listeners aged 10 or more, for the period 6am-Midnight Mon-Sun.

1ZB-1080 is out front with 25%, 1ZM-1251, 1XI-1332 and 1XP-1593 share 12% each, 1YA-756 and 1XA-1476 are close behind with 11% each, the 2 FM outlets 1MJK-91 and 1ROQ-89 both have 7% each and 3% is for 1YC-882 and 1XB-1404. The FM outlets have taken 14% of the total audience and only 1 point separates 5 stations.

# Can-Am Report

- 730 KULE Ephrata WA ex KTRQ
- 760 KFMB San Diego CA granted 50/50 U3
- 780 WPTN Cookeville TN granted here ex 1550 1kW D1
- 810 KTBI Ephrata WA NEW
- 930 KLLS Terrilli Hills TX ex KCCW
- 1000 KRZD Hayden CO seeks 10kW
- 1010 .... Rancho Mirage CA 5kW D1
- 1030 W... Memphis TN granted 50/1 U3
- 1040 .... Monument CO seeks 5kW D1
- 1040 .... Beaverton OR seeks .25/.25
- 1110 KCOT Marana AZ ex KLLS
- 1120 WIZY Gordon GA granted ex 1560
- 1180 KTRT Truckee CA seeks here ex 1400, 10/1kW U6
- 1200 .... Pismo Beach CA seeks here 5/1kW U1
- 1200 .... Virginia City NV seeks here 10/1kW U3
- 1200 KNOM Nome AK granted here ex 780, 10/10kW U1
- 1210 .... Orland CA seeks here 25/.5 U5
- 1210 WDGR Dahlonga GA granted here ex 1520 10kW D1
- 1230 K... Bethel AK granted .25kW U1
- 1240 KDAN Williams AZ ex KBWA
- 1260 .... Pearl Harbour AK seeks here .5kW U1
- 1270 WORL Eatonton FL ex Orlando 5kW
- 1300 KGHX Fairbanks AK New 1kW U1
- 1310 WMLF Indianapolis IN ex WIFE
- 1340 KFBR Nogales AZ seeks .5kW Day
- 1380 KLNI Pearl City HI granted new Tx Location
- 1450 KJMB Blythe CA ex KYOR
- 1480 KAYK Pueldo CO ex KGMQ
- 1590 KYDE Pine Bluff AR granted 5kW

NRC

- 540 C... Vancouver BC 50/10kW seeks talk-back format
- 590 CKEY Tranna ON seeks 50kW
- 650 C... Vancouver BC 50/10kW seeks talk-back format
- 650 CISL Richmond BC seeks here ex 940, 50/10kW or 10/6.5kW
- 660 CFFR AB New on Air
- 1390 CKKC Nelson BC seeks to drop all CBC programs

IRCA

With ANDREW GARDNER

YUKON CFWH Whitehorse 570 heard during JULY with 2YA off air. Best 1520-1545 GMT. Recognised by PDST time check. Local Yukon Time 8.15am. Blocked 1550GMT by 2YA & QRM from KGUM 567. Arthur Cushen

WFAA Dallas TX 570 heard from Te Araroa has changed format from Newstalk to "Rock Oldies" and is 1st station in Dallas to go Stereo AM Bill Woller

Hawaii Alan Roycroft of Broadcast Services advises "we have 3 new FM stations to get on by Christmas, move KIPO-1350 to 570 with a new 400' tower and site and 2 new studios. My DX Mail is months behind!" David Ricquish

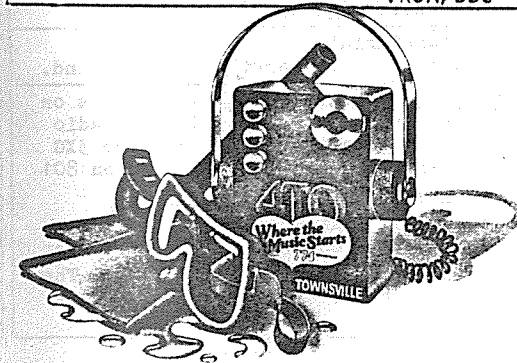
Ecuador 1600 HCUC Radio Union, Quito. Run by Union Nacional Periodistas (National Union of Journalists). Gerente is: Humberto Derez Estrella. Address: Casilla 5184, Quito. Original power 5kW, may now be 25kW. Left wing programs. Has been on since Feb 1983. DXA/IRCA

HAILI 4VEC 1030 ex 1035. Carries some EE Rel programs. IRCA/NRC

HONDURAS HRVW La Voz de Centro America 650 has inc power to 100kW IRCA/MWSC

THAILAND Since 1 July, Radio Thailand EE Service is on 927 kHz from 2250-0425, 0500-0600+1130-1230 IRCA/BBC

BURMA BBS has EE 1430-1630 on 955 IRCA/BBC





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

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

Membership and administration inquiries:  
 1313, Invercargill

Subscriptions, contributions, advertising, and other inquiries:  
 2956, Wellington

Operating certificates and inquiries:  
 3011, Auckland

Emergency orders and inquiries:  
 1515, 15 Fitzroy Street, Kawerau.

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

The New Zealand DX Times is published monthly by the New Zealand Radio DX League at 1313, Invercargill. Copyright August 1983. Phone 03-3011036. Registered at Post Office as a magazine.

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

Secretary: 1313, Invercargill, New Zealand.

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

International Radio News with David Ricquish on air monthly at 2300 GMT over Radio 2YB Wellington 783 khz. The programs are 28 August and 25 September.

**AUCKLAND** July meeting attracted 14 members and 6 apologies and discussion included Convention 84 which is being planned by a team led by Barry Williams. A DXpedition was recently held with 6 members and some good catches were made. Members receiving station gifts included Douglas Doull (Radio Beijing) and Ron Johansson (Radio Kuwait) and competitions results were: Shortwave Over 9 to Jim Gorman, TWR-Monaco 11690 100kw 85 points, Shortwave Under 9 to Bryan Clark, Cape Verde Is 7155 10kw 112 points; Broadcast to Bryan Clark with WYNX Smyrna GA 1550 50kw 106 points. Next meeting is AGM on August 28. For details contact Tom Rushbrooke (phone 279 8348 before 9am or early in the evening) or write: Flat 1, 19 King Street, Papatoetoe.

**WAIRARAPA** Members in the Masterton area and the surrounding district are invited to contact Graeme Pearse, 31 Hillcrest Street, Masterton (phone: 85 225) with a view to establishing a branch in the area.

**WELLINGTON** there were 8 members and 4 apologies for the SPARC meeting in August, discussion included mediumwave DX, jamming and members activities. It has been decided to hold alternate bimonthly meetings in the Wellington and Hutt areas. Next meeting: 21 Rama Crescent, Khandallah on 16 September (Ralph Sutton) 8pm; October will be at 52 Dowling Grove, Silverstream on 14th (Denys Peck ph: 282 343) and November at 4 Atua Street, Johnsonville (Ron James).

**CANTERBURY** the August meeting was held with 6 members and arrangements made for the AGM to be held on 11 September at 2 Waitaki Street, Christchurch (Lance Johnston; phone 887 829), and all League members in Christchurch who may not have been to a meeting for a while are invited along. **NORTH OTAGO** members should contact Doug Walker, 7 Meon Street, Oamaru for next meeting details. **OTAGO** members should contact David Miller, 55 Falcon Street, Dunedin (phone: 777 456) to discuss arrangements for a combined SPARC meeting.

**SOUTHLAND** there were 13 present at the July meeting, with nominations taken for AGM on August 27. Lindsay Robinson detailed a visit to Radio Australia and other highlights of a visit to Oz. The upcoming Geneva WARC Conference was outlined by Arthur Cushen and a new SPARC certificate designed by Russell Winter was approved. Competitions: BOM to Lindsay Robinson, HJCV R. Cordillera, Bogota 1190 10kw; Merit: Mark Nicholls, KTXZ Austin TX 1560 2.5kw; Rest of World: Arthur Cushen, JOZK Matsuyama 963 5kw; Shortwave Over 9: Arthur Cushen, Mauritius 9710 10kw and Under 9 to Steven Greenyer, Radio Milano, Italy 6221 500watts. AGM at 20 York Street, 27 August at 7:30pm; September meeting on 27th at 39 Kelso Crescent, Invercargill. Contact: Irene Simpson, phone 57 341 Invercargill. Next month we welcome **BRANCH RADIO NEWS** with Norris Sturgess of Rotorua!