



# NEW ZEALAND DX TIMES

Registered at POHQ Wellington as a magazine

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JANUARY 1974

## GUEST EDITORIAL

This article by Arthur Cushen is adapted from a feature he wrote for Invercargill newspapers last July, and is even more appropriate today with at least 3 new stations due to commence operations in the coming year to make

the medium wave DXers life even more miserable.

"The practice of the NZBC in leaving its repeater transmitters running all night, without carrying any programmes, has been in operation for many years. The official view is that by running the transmitters without shutting them down, the maintenance costs are reduced. Switching on and off when the station opens and closes for the day causes more costly maintenance.

Recently an American radio station KPRO broadcast a special test transmission to listeners in NZ on 1440kHz, after the NZBC Northland repeater station at Kaitaia ended its days programme. This is one of the transmitters which runs all night without providing any service, and block out the possibilities of reception of any other station on the frequency. The Chief Engineer at KPRO in Riverside, California, in a letter to a local radio listener, stated: 'The practice of keeping the carrier on the air during off-air periods is, as you know, illegal in the U.S. and also dangerous since it is possible for a sharp electronics buff to intrude on the input circuits through several means, and use the station for illegal or at least unwanted purposes.'

'This has happened to stations of the 'pirate' type operating off the English coast, through the use of an inductive coupling from a nearby ship. The stations in question were programming pretty rank stuff anyway, but the intruders went a bit further. And the practice certainly blacks DXers as you well know', the Engineer said.

At least 10 of the frequencies used by NZBC repeaters are affected in this way and the transmitters carry on when programmes end and block other stations authorised for operation. A claim made some time ago - that the transmitters were on all night in case of emergency - proved ill founded when a slight earthquake in the Westport area put their transmitter off the air.

CONTINUED ON PAGE 15.

## holiday issue

HIGHLIGHTS THIS MONTH, INCLUDE:

Call & Frequency for NZBC Queenstown Relay.  
ELWA Liberia - SW Station of the Month.  
Radio Malaysia using hi-power MW station.  
DX Clubs of the World - A mini-survey.



C-FUN

LET'S HEAR HOW YOU SPENT THE CHRISTMAS-NEW YEAR VACATION, DX-WISE THAT IS! CLOSING DATE FOR THE FEBRUARY ISSUE IS WED, 6th FEB. SEND DETAILS OF YOUR RECENT QSL's, LOGGINGS FOR BANDWATCH & BROADCAST TRAIL, QSL TOTALS FOR THE NEW LADDER COMPETITION, AND BEST-OF-MONTH ENTRIES INTO BOX 2956, WELLINGTON. COMMENTS & CRITICISMS ARE WELCOME TOO! GOOD LISTENING!

# 2 PACIFIC ASIAN REPORT

NEW ZEALAND. We understand that it is unlikely that Peace Media will be using Radio Hauraki's ex shipboard transmitter (see November Times) as it is fully committed in a standby capacity at Radio Hauraki, and associated equipment is on loan to Radio Windy. Fred Humphries

Call sign for the NZBC National Repeater at Queenstown is 4YQ and the frequency 1120kHz. It's power will be 100 watts initially with daytime operation and later this year power will be increased to 2000 watts and a full schedule. Dene Lynneberg David Ricquish

4XO Radio Otago has applied for a licence for an Oamaru repeater of 1kw on 1320kHz. The application was heard by the Broadcasting Authority with no objections, but as the Authority has now been distanded, it is expected that the Minister of Broadcasting will make the decision. There will be no studio in Oamaru, but some programming will be devoted to Nth Otago. A.Cushen

The Australian Broadcasting Commission is to open an ABC office in Wellington to provide news and public affairs programme material for domestic programmes and Radio Australia. Post 28/12 Hiline Entertainment of Hamilton were unsuccessful in their application to operate a holiday station at Whangamata. The Broadcasting Authority saw merits in the proposal but declined to issue a warrant. Hiline were highly disappointed at the decision but expressed appreciation for the most helpful assistance from the Post Office authorities. Roy Knox Errol Monson

MALAYSIA (Ref Nov. Times P4) Voice of Malaysia, Kuala Lumpur on 1475kHz has interval signal at 1055 GMT and a programme for the Philippines 1100-1202 in a language presumed to be Tagalog. A SINPO rating of 44444 in Japan indicates a high powered transmitter. D.Kawaguchi JSWC

SOUTH VIETNAM. AFVN ceased operations 22 March 1973 and has been replaced by AFRTS-Vietnam, a largely FM operation, with 50 watt MW relays at Da Nang 850, Plaiiku 900, Nha Trang 1040 and Can Tho 1390. (Go to it Bill, hl. Ed) Lars Ryden via NRC

AUSTRALIA. An ABC Director has suggested scrapping the ABC and reforming broadcasting into 3 groups: National Broadcasting Service (NBS) being a smaller version of the present ABC; Commercial Broadcasting Group (CBG) being the present group of commercial TV and radio licences, but amalgamated and reduced in numbers in the major cities; Public Broadcasting Authority (PBA), a new group of nationally coordinated but essentially local, non commercial stations. Merv Branks

According to the Asst Director of Programmes - NSW, the ABC is considering new QSL cards, as the present card is out of date. A recommendation has been made that each state have its own individual card. Merv Branks

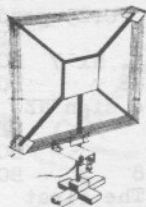
## FROM THE BRANCHES

SOUTHLAND. The December meeting was held at the home of our patron, Mr & Mrs George Frampton, and took the form of the usual Christmas Party. 10 members, plus wives were present to hear a further tape of the 25th Anniversary celebration in Dunedin. President Edgar MacAskill praised the patron for his interest in the branch and an orchid was presented to Mrs Frampton, who supplied an excellent supper. Competitions: BCB Neville Henry with Voice of Peace 1540 50kw; SW under 9: Lindsay Robinson Radio ReLoj 6006 1kw; Over 9: Harry Searle RBI Berlin 11715 and Lindsay Robinson with Hilversum 15305, both 100kw.

NORTH OTAGO. At the Christmas meeting it was decided to purchase 2 aeriels from the St Johns Ambulance for erection at the Listening Post. John Newman has loaned his aeriels to the branch while he is overseas. Cliff Sherriff leaves shortly for Invercargill on transfer.

WAIKATO-BAY OF PLENTY. The inaugural branch meeting was held in Tauranga on 9 December and the following officers elected: Patron: Mr F.C.Frost, President: Colin Campbell, Vice-Pres: Stan Larking, Secretary/Treasurer: Paul Frost, Committee Member: Michael Stockley, District Reps: Tokoroa: Godfrey Gray, Whakatane: Stan Larking, Hamilton/Te Awamutu: Charles Douglas, Rotorua: Colin Campbell. Meetings are to be held every 3 months, the next being in March. Charles Douglas will publish a monthly news sheet for the branch, the closing date to be the 15th of the month. Branch subscription has been initially set at \$1.00. Following completion of business, Godfrey Gray spoke on NZBC QSL requirements: 20 minutes of local programme content should be reported. National programme reports should be directed to Wellington. Complaints about the NZBC's all-night carriers were aired and discussion on QSL cards and reports ensued. The afternoon's proceedings concluded with a satisfying afternoon tea provided by Paul Frost's parents. Branch correspondence to Paul Frost, 286 Otumoetai Road, Tauranga.

(On behalf of all League members, we wish the Waikato-Bay of Plenty branch every success! Ed.)



# BROADCAST DX with George Masson

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Conditions have been pretty average it seems, with consistent reception of the U.S. Pacific Coast. No exceptional nights were reported however. Let's hope for better in 1974.

In an effort to conserve power the USA reverted to Daylight Saving Time on 6 January - so watch for those earlier sign-ons. Bryan Clark spent a week DXing at Whangaparoa, north of Auckland over Christmas and reports clear North American reception nightly with Pacific Coasters and Hawaiians particularly well heard. New Zealand stations south of Christchurch were usually inaudible till 8.p.m. resulting in many new 'clear' channels. Now for the mail.....

DAVID RICQUISH, Christchurch has logged -ed ORTF 1425 3AR 4QR 3WV with veries 3XA KWJJ Paradise 1265 and ORTF New Caledonia 1420. Thanks for all your news - will feature next month.

ROBIN CHAMBERS, Opunake has reports out to KPAY KXL KARN CMJN and KFQD. Veries: 3MKV HCMJ1 615, and JOCK. 25th anniversary QSL's must be in by 30 June so there's still time Robin.

P. Brooks, Wanganui has reports out to 2XW 1ZD and 2ZM. In from 1ZD 2ZM and 2XW with stickers.

MIKE SMITH, Matamata has logged 3XA and 2CR with QSL's back from 5AU 2GZ 2NB 3XA 7ZL and 2NC. Mike, your notes were postmarked 5 December, last issues closing date.

MIKE STOCKLY, Tauranga has logged KERF 4BL JOLF 1YA KSL 7LA 2YB 3YZ 3DB 2NX and 2ZN. QSL from 4AK.

PETER JACKSON, Dunedin has logged KFRE KFAB KRAK KMJ KOGO and veries have arrived from CKWX XEPRS 2XW KNBR and 6WB. League Ladder next month.

SINCLAIR BENNETT, Christchurch has logged 3TR KPNW KDAY and KVOO. QSL'd are 5PA 4QO and 3TR.

ANDREW WHITE, Christchurch has logged KEX KRMG KPNW KNX Fiji 560 3DB 4BC with a lone verie from KFBK.

DENE LYNNEBERG, Titahi Bay has QSL's only this month from 4QR KXL and WHAS.

CHRIS MACKERELL, Nelson has logged 2VM KOL KDAY HJCY WLW KNEW WBZ KVOO KCEY with QSL's from KERF and 2VM.

ARTHUR CUSHEN, Invercargill has report -ed AFTN 1550 and DYLA 1555. JOUB QSL'd.

DES DAVEY, Te Kuiti has a QSL from 1XX.

BRYAN CLARK, Wellington logged WOAI at home and while holidaying at Whangaparoa logged WLW KOHO WKLE XET 990 WWWW 1100 KPOK 1330 CJVI KMVI CBU 690 WGN 720 KMJ 580 2PK KKUA WHO A3Z KTWO and Raki Raki 1320. QSL's have arrived from AFNT 1550 2MO and TGRC Campesina 605 making country 55.

SUTTON BURTENSHAW, Invercargill has logged KJJJ 910 XEHO 910 KABL 960 and WGN. Veries from JOER and DYLA. "Blast the Xmas all nite net" - and so say all of us !

HARRY WEATHERLEY, Australia has a lone verie from KFBK to report this month.

PAUL FROST, Tauranga has logged CHUB KOHO WUNI KPAB KOMA KCKL ?, KIRO KDAY XEUR XEBG WLAC XET WBAP WHO JOIB and Vladivostock 1250. QSL's in from KFBK Tahiti 740 KFRE 2ZM DZFM Berlin 1511 2KY 4QD CKLG KGIL KABC 2NR 2VM Rhodes 1259. KCKL presume you mean KCRL.

ARTHUR WILLIAMS, Timaru has logged KTWO KUBA KDB with veries from 3XA and KTWO. Arthur reports also "Have been monitoring WASA 600 McMurdo but have been unable to get sufficient for a log. Reception is later blocked by KOGO and others."

TONY SMITH, Christchurch has veried 4YZ 2ZN 4ZA 3YW 2ZA 2YX 2ZH 2ZP 3KZ 3XA Moscow 1250 6DL 2WL 2KO 8TC !! 8TC a great rarily in New Zealand. Would be interested in your notes which distinctively identified it as 8TC. Your notes this month were almost lost as no Box number was entered on the envelope. Thanks to the GPO !

# 4BROADCAST TRAIL

EVENING & MORNING (P.M. unless stated)

550 KMVI Music Radio with Maui Gold  
Rush 8.35 BC

580 KMJ fair 7.30 BC

590 CMW s/on with anthem 10 Sun BC

600 CJCR with pops 8.30. BC

610 KFRG fair with pops 8.15 BC

620 KTAR full ID good 9.35 BC

640 KFI Hockey Game concluding 9.10. BC

690 CBU ID and s/off 9 with GSQ BC

KKUA VG with news from 11.48 BC

695 North Korea //725 at 10.20 BC

700 WLW 'Pick the Cash Call' contest  
9.10. BC  
Excellent 8.02 with Nx RCh  
WGN news 8 then easy listen. BC  
11.18 wx (SB)

740 KRMG nx and Tulsa wx 9 SB

730 CKLG in the clear 9.30 BC

750 KXL exc 2.25.a.m. RCh  
KFPD fair 7.57 - 8.05 Wx RCh

770 KOE Exc 8.05 RCh

780 KQRL '24 hours a day with fine  
music' Exc over 4YA BC

778 CMJN La Voz de Cuba good 7.50  
to 8.05 RCh

790 KABC phone show gd 8.25 BC  
Nx 8.02 RCh

820 KKON s/off 7.56 good RCh

WBAP nationwide wx over 4ZA BC

850 KICY Rlg 8.30 Monday when KOA  
off. Wx 9.15 22 degrees F. Good  
signals. BC

880 KRVN nx 11.04 good SB

900 CJVI news and sports desk 8 BC  
Also 2.35.a.m. RCh

910 KJJJ 9.30 mixed Mexican SB  
XEHO powerhouse 10 SB  
KNEW channel 91 8.08 BC SB

920 KARN good with 3YZ nulled 7.45. BC

940 KPRE Excellent 2.35.a.m. RCh

950 KJR fair with pops 8.48 BC

960 KOOL nx 11.03 mixed KABL SB

990 XET in SS 8.09 freq ID's BC  
9.25 often (SB) CBW strong with  
pop albums, wx and off 9.05 BC

1030 XEQR Radio Centro 7.45 freq ID's  
very good (BC)

KTWO 7.55 nx and s/off Mons BC  
VQO BBC Nx 10 VG BC

1040 WHO C & W mx 7.22 under KHVH  
No sign 4ZB in Auckland BC  
KHVH 'Viewpoint' telephone show  
strong 7.15 - 7.35 BC

1060 KPAY 1.54 - 2.01.a.m. then CFCN  
exc with nx RCh

1090 KING VG 8.58 BC  
XEPRS VG Mons 8.25 in EE. 'Tinny  
sound' BC

1100 WWWE (x-WKYC) mixed 3ZB 8.08. BC  
ID as 3WE BC

1110 KFAB fine mx 9.30 BC

1120 KPNW 'The Good Guys' 10.25 good BC  
BVVW 9.20 SB

1130 CKWX ID over 2ZM 7.45. Nx 7 BC

1150 KEJP here thru NZ 8.08 BC

1160 KSL 7 with CBS Nx. No sign NZ

1170 KVOC 9.40 SB  
KLOK ID heard 8.08 BC  
KOHQ dominant in JJ 8 BC

1190 KEX talk show 6.25. The first  
Yank to show in the evenings. BC  
Also 9.10 SB

1250 Moscow VG in JJ 10.30 Sunday BC

1260 KGIL Nx and Wx at 1.a.m. mixed  
with CFRN. Also 9.05 BC

1265 Radio Paradise rlg talk 10 BC  
9.25 also good SB

1270 Latin 7.47 - 8.12 one night  
only. Argentina ? BC  
KNDI regular. Chinese programme  
noted 6.55 and 7.50.p.m. Tuesd.  
1290 KMEN freq ID's over Avon 8.09. BC

1300 KOL all pops 8.13 BC

1320 CHQM 9.10

1330 KPAC always classical VG 7.20.  
KPOK All American sound.Reg  
8.45. BC

1360 KFIV 'K-Five' jingle 7.40 BC

1380 KTOM very good 7 (BC) 7.10 RCh  
KPOI good 9.15 BC  
WLCY peaking 8.25 BC

1385 WKLE heard from 6.30 strong BC  
Also 9.10. SB

1390 KCEY VG idents as 'K-C' 7.15 BC

1410 CFUN 9.15 SB

1420 KOON Hawaiian Mx 8.32 BC

1430 KBLI 9.10 SB

1500 KSTP 9.10. SB

1510 KGA 'The Big K.' strong 8.45 BC

1520 KOMA nx VG 12.40.a.m. BC

1530 KFBK VG with CBS nx 7 BC  
Off 9.04 after news then WCKY.

1560 KPMC Bakersfield wx 7.54 BC

1570 VL2NI full ID 9.15 23/12. VG BC  
XERF VG in EE till 8 then SS BC  
CHUB mixed XERF 9.30 SB

1590 KDAY 9 onwards SB

1600 KUBA tone and mx ET 9.15 21/12  
(SB). KWOW often mixed with 3NE.

Contributors: Sutton Burtenshaw, Robin  
Chambers, Bryan Clark.

## BEST OF

## THE MONTH

OPEN

TGRC Radio Campesina, Guatemala  
605 khz 1 kw 159 points  
Bryan Clark



# CAN-AM REPORT

BROADCAST BAND NEWS FROM CANADA, UNITED STATES, MEXICO, CARIBBEAN.

In this new regular feature we hope to keep you right up-to-date with the North American broadcast scene. Special arrangements are being finalised with Clubs and correspondents in North America to keep League members fully informed with DX prospects and background news.

ALASKA. KJNP 1170kHz has religious programmes, music & news. 6.45am - 12.05am Sunday, 5.55am - 12.05am rest of the week. KFRE 900 has popular music, mostly oldies. Classical music 7.25pm -midnight Sundays. News at 7am, 10, 12noon, 3pm,5, 10.30pm. KIAK 970 is Country & Western. KFAR 660 is Middle-of-the-Road and Top 40 mostly. News at 7am & 6pm. Public Service pgms 7 - 8 am. Mt Susitana Broadcasting Corp has applied for 10kw U1 Anchorage 1080kHz.

Robert Fischer NRC

KIAK Fairbanks 970 5kw non-directional 24hrs is a sister station to KYAK. David Ricquish

CANADA. All Canadian stations must play 30% music written or sung by a Canadian. All logs must now record EVERY song to prove it to the CRTC (Canadian Radio Television Commission). This means that music items are verifiable material for Canadians. NRC per Merv Branks

CJAT 610 has CP for 10000/1000 U5. CFCW 790 in Alberta has application in for 50kw day and night. CHUB 1570 and CJVI 900 are now 24hrs NSP, CFCR is new call for CFJC 910kHz. CKLY 910 has application for 9kw day & night. CFRS Simcoe, Ontario has CP for 10kw U4 on 1600. CKGY is new call for CJPC Alberta 1170kHz. CKLW 800 uses the slogan 'The Big 8'. CHQR Alberta 810 has CP for 50kw U4 More about CKGY Red Deer, Alberta 'Kagy' Radio. 24hrs. CFGO 1440 due to increase power to 50kw on 1 Nov last. NRC

CUBA. CMJL Camaguey 742kHz 10kw and CMKJ 730 carry 'La Voz de Cuba' prgm. Ron Schatz NRC

WINDWARD ISLANDS. Radio St Vincent, Kingston is to increase power from 500w to 5kw on 705kHz. Tune-In

Radio Dominica, Roseau 10kw on 595kHz opens at 1000 GMT. Alan Merriman, NRC

NETHERLANDS ANTILLES. PJA10 La Voz di Aruba is heard strongly in the evenings in Florida on 1325kHz in Spanish & Papiamento (like Portuguese). PJF1 or PJF7 Voice of Saba (pronounced sabre) located near St. Maarten has English on 1435kHz 1kw. NRC

NORTH AMERICAN CHANGES. Thanks to Alan Merriman, 'International' Editor of NRC DX News, we have a comprehensive list of all major changes in the last 6 months and plan to keep you up to date from here on!

- 580 WSKS West Jefferson, NC 500w D1 presently 600.
- 600 Independence, California 500w D1.
- 610 CJOK Grand Bank, Nfld. 10kw U4 presently 710.
- 680 WCAW Charleston, W.Va 50kw/250w U4 new day pwr.
- 710 KERE Colorado ex KBTR.
- 730 WJMT Wisconsin ex WXMT.
- 790 Eureka, California 5kw D1.
- 810 WYYS Wisconsin ex WELF.
- 910 CHRL Quebec to 10kw/2.5kw U2.
- 930 CJON Newfoundland to 25kw U4.
- 940 WEOO Smithfield Va, ex WAXM 1000w D1.
- 950 WLIT Steubenville, Ohio 500w D3.
- 990 WNNW Wisconsin ex WWDA.
- 1010 WELK Va 1000/250 U1 presently 1400.
- 1040 KPBL Texas ex KIKL
- 1060 WRMF Titusville, Fla 10/5kw U4 ex
- 1090 Plainview, Texas 1kw D1. /1050
- 1090 Frederickstad, Virgin Is. 500w D3.
- 1090 CKKW Kitchener-Waterloo, Ontario 10kw U2 presently 1320.
- 1110 WZAM Norfolk, Va. 50kw D3 new.
- 1110 Pineville, La. 500w D1
- 1110 Dermott, Ark. 10kw D3.
- 1130 Mt Pleasant, Iowa 250w D1.
- 1130 WRRL Rainelle, W.Va 1kw D1 new.
- 1150 KGMC Colorado to 5kw D1.

- 1150 WHMC Maryland off air. Licence revoked.
- 1160 Barceloneta, Puerto Rico 250w D1
- 1190 KADE Boulder, Colorado 1kw D1 new.
- 1150 KISO Texas ex KIZZ.
- 1190 WGCA Chattanooga, Tenn. 10kw D3 new.
- 1190 WPUP Bay St Louis, Miss. 5kw D1 new,
- 1220 CJRB Bossevain, Manitoba 10kw U3 new, on.
- 1220 KZEE Texas to 500w D1.
- 1220 KDDR Nth Dakota ex KEFD.
- 1230 KSUN Arizona to 500/250w U1.
- 1240 Baie Verte, Nfld 1000/500w U1.
- 1250 CBGA Quebec ex CKBL.
- 1260 WNDE Indiana ex WFBM.
- 1290 WZUU Wisconsin ex WMIL
- 1300 Shreveport, Louisiana 500w D1
- 1310 WKKX Florida ex WOOD.
- 1320 WEST Va 5kw D3 up from 1kw D1.
- 1320 CPTJ Galt, Ontario 1kw U2 now on 1110
- 1340 KOFY Washington ex KSMK.
- 1340 Vanderhoof, B.C. 1000/250 U1.

# DX CLUBS OF THE WORLD

The European DX Council recently published the third edition of its Survey of DX Clubs of the World and the following data has been adapted from the 13 pages of comprehensive information.

A total of 127 clubs participated in the survey, 80 based in Europe, 20 in North America, 18 in Asia, 4 in Australasia, 3 in South America and 2 in Africa.

The oldest club listed is Newark News Radio Club-USA, founded in 1927, followed by National Radio Club-USA and NZDXRA both founded in 1933, Swedish Radio Club(1944), International SW League-Great Britain(1946) and NZEDXL(1948). Of the 127 clubs listed 59 are less than 4 years old, and only 45 have memberships of 45 or less.

The largest clubs by membership are:-

- AGDX of Germany - 3300 members - a merger in 1973 of 3 German & 1 Austrian DX Club.
- SDXL-Finland - 1800 members - controlling organisation of 3 Finnish Clubs.
- International SW League-Great Britain - 1350 members.
- Japan Shortwave Club - 900 members.
- North American SW Association - 740 members.

Subscriptions & Magazines. National Radio Club-USA heads the list with annual dues of US\$11.00 for DX News, published 32 times a year; closely followed by US\$10.00 subscriptions for North American SW Association, American SW Listeners Club and SFEEDX(Society to Preserve the Engrossing Enjoyment of DXing). Not surprisingly, the largest magazines by annual page-count are: Frendx(NASWA), DX News(NRC), SFEEDX, and DX Monitor(International Radio Club of America), the latter most published at 34 issues a year.

Finally, the domestic memberships for clubs reveal the following broad guide to the numbers of active DXers by country.

West Germany	5095	Japan	862	Austria	250
United States	3708	Canada	463	Norway	225
Finland	1331	Holland	391	Switzerland	200
Sweden	1316	N.Z.	350 plus *	Australia	189
India	993	Italy	262		

\*Estimated as no figure available for NZDXRA.

Our thanks to EDXC for this survey, which shows our hobby in good heart worldwide.



by Robin Chambers.

## JANUARY

- 7.30-9.00pm USA Any area could be favoured.
- 7.30pm late Jan. Portugal/Madeira/Canary Is.
- 8.30-9.30pm Asians may peak at this time.
- Midnight-3.30am USA Pacific Coast.
- 3.30-4.00am Hawaiians & Far East Russia.

## FEBRUARY

- 6.55-7.15pm especially late Feb: Portugal.
- 7.00-8.45pm United States.
- 8.00-9.45pm US East Coast may peak.
- 9.45-10.30pm Central Americans.
- 1.00-3.30am US Pacific Coast.
- 4.00am Hawaii
- 4.45 onwards the Middle East
- 6.00-6.30am Europeans

## DX CLUSIVE

News of 'special' broadcasts for DXers, by courtesy National Radio Club - USA.

MONDAY 21 JANUARY 8pm - 9pm NZT  
KABQ Albuerquerque, N.M.  
1350kHz 500 watts. U.

MONDAY 28 JANUARY 10.15 - 10.45pm NZT  
WTSO Madison, Wisconsin.  
1070kHz 10/5kw U.

All 4 organised by NNRC. Note times converted from EST and with change to EDT now current, times may in fact be one hour earlier. Ed)

MONDAY 28 JANUARY 9pm - 10.00pm NZT  
KCRA Sacramento, Calif.  
1320kHz 5/1kw U.

MONDAY 11 FEBRUARY from 7pm NZT  
Bluefield, West Virginia  
1440kHz 5000/500w U.

1974

# World Radio & TV Handbook

This 28th edition has been completely revised and stocks are expected in early March. A special price is offered of \$5.00 for orders placed before February 20 1974. (Price includes postage) ... .. \$5.00  
Regular price ... .. \$5.50  
(World retail price ... .. \$6.50

Payment in N.Z. by cheque, money order or postal note payable to Arthur Cushen. Australian members please add 30 cents for postage and make payment by International Money order payable at the Post Office Invercargill.

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### ARTHUR CUSHEN

212 EARN STREET :: INVERCARGILL

## AFTER 1973..

Late in December we received a letter from Harry van Gelder, popular host of Radio Nederland's DX Jukebox programme in which he reviewed the 1973 World DX Friendship Year and the Sweden Calling DXers Contest. The success of the latter has raised the possibility of an annual event of this type and Radio Nederland has agreed to host the 1974 DX Rally as it has been christened. On the next page we reproduce 10 points proposed by Mr van Gelder, for which he asks for reactions from DX Clubs and major shortwave stations.

He draws attention to what he "consider to be the most inspiring issue of World DX Friendship Year '73. I refer to initiatives that have been developed to make the DX hobby known to handicapped people - the sightless, the disabled, the bedridden."

Various examples of these efforts are listed: the HAP (Handicapped Aid Program) of the SPEEDX club in America has provided a complete listening post, including communications receiver, at one of the largest rehabilitation hospitals in the U.S., they have a DX Course for Blind Persons compiled by League Public Relations Officer Arthur Cushen; the Newark News Radio Club (NNRC) runs a programme on cassettes to provide information for blind DXers. Examples from Europe are also given, and he continues: "In view of all this activity, and of the evident desire in DX circles to turn the available facilities and know-how to the benefit of the less fortunate, it seems to me that there is every reason for designating 1974 as World DX Handicapped Aid Year, and to coordinate and streamline our ideas in order that the greatest possible effect is achieved in the widest possible area."

"It is realised that a year is a long time for interest to be sustained, but any campaign takes a long time to get underway. The project will have to 'get talked about'. The 10 points set forth are suggestions. You may have other and better ones. Please let me have them. And please let me know as soon as possible if you intend to be actively involved. Thank you."

Members thoughts on this project should be addressed to the Editor at Box 2956, Wellington, who will liaise with Adcom in Invercargill, before replying to Radio Nederland.



### WUNI, INC.

NB AFFILIATE

P. O. Box 4614 1257 Springhill Ave.  
MOBILE, ALABAMA 36604

# RADIO NEDERLAND

## WERELDOMROEP



RADIODIFUSORA MUNDIAL HOLANDESA | DUTCH WORLD BROADCASTING SYSTEM | RADIO MONDIALE DES PAYS-BAS

HILVERSUM HOLLAND P.O. BOX 222 TEL. (02150) 1 61 51 55, WITTE KRUISLAAN  
CABLE ADDRESS: MUNDIVOX HILVERSUM

### DX RALLY 1974

#### TEN POINTS FOR YOUR CONSIDERATION

1. The year 1974 to be designated WORLD DX HANDICAPPED AID YEAR.
2. The 1974 DX Rally to be in the nature of a year-round campaign by DXers for DXers.
3. DX organizations to establish contact with institutes for the Blind, Rehabilitation Centres and other specialized institutions for the handicapped, with people isolated in their homes, and also with municipal authorities in order to gain access to such centres for the purpose of introducing inmates to the DX hobby, and of giving guidance and support thereafter.
4. Radio stations with DX programmes to stimulate, support and publicize the DXers' initiatives on a regular basis throughout 1974.
5. The participating stations to air some special programme(s) centred around some form of DX activity for the handicapped, in collaboration with the national DX organizations. These programmes to be spread over 1974. (In practice this will probably mean the second half of 1974).
6. The DX Rally contest proper to be twofold in character.
  - a) a Club contest for the best results in the interest of the handicapped,
  - b) an individual DX contest for picking up and reporting on as many handicapped aid (station) programmes as possible in 1974.
7. The contest jury sub 6a to be nominated by ANARC, DX-Alliansen and EDXC, jointly.
8. Prizes (to be donated) as far as possible in the form of equipment, instructive literature, etc, to go to the handicapped, not to the contestants. Certificates to be issued to the latter.
9. A further aim to be the setting up of permanent national or local DX Handicapped Aid Programmes.
10. DX Rally 74 incorporating World DX Handicapped Aid Year to be publicised and discussed (besides by the stations) in DX bulletins & to be an agenda item at Club meetings, at the EDXA Parliament and at the ANARC and EDXC Conventions.



Verifications of note this month include RRI Jayapura reported by Dene Lynneberg and Paul Frost. A prompt reply from Kuwait on a new frequency is noted by Des Davey, while Radio Reloj Costa Rica has verified Murray Robson, Ian Wells and Jack Searle. Jack Searle and Tony King have QSL's from Colosal in Colombia accompanied by pennants. New Year greetings to you all and a year of good DX !

NIGEL GREENE, Paremata has twelve reports out and QSL's from Berne 11770 CBC 5970 Portugal 11940 Prague 11855 Peking 12055 NHK 15195 TWR Bonaire 11815.

NIGEL ROBINS, Wainuiomata has QSL's from Canada 5970 and R. Dif Sao Paulo 15155.

JACK SEARLE, Haumoana has reported QSL's from CBC 9610 NHK 11960 ORF Vienna 17850 Colosal 4945 Moscow 7390 Prague 5930 Athens 7295 ORTF Paris 7135 DW Sackville 6085 DW Werch 9690 KoIn 7105 Julich 9735 and (fanfare) Capital, Costa Rica 4832 after 19 months. QSL also from Philippines 9580.

MIKE SMITH, Matamata has QSL's FEN 3910 Mt Hagen 2450 Western District 3305 and Voice of Vietnam 15270 after two years.

HARRY WEATHERLEY, Australia has a QSL from RSA 9695.

IAN WELLS, Milton has QSL's from UN 6185 Pakistan 11672 and TIHB 4832. Ian, if your reports to Costa Rica were sent seperately it is unlikely that they would combine the two.

PAUL FROST, Tauranga has collected a pile from DW 7130 AFNT 3990 RRI Djarapura 6070 BBC UK 9640 9915 9625 Tebrau 17860 Luxembourg 6090 NHK 9560 Iran 9022 RNE 15145 VOA Monrovia 17855 Greenville 26040 Sweden 9630. Can't help with the Russian on 22.3 Mhz unless it's a point to point relay.

ARTHUR CUSHEN, Invercargill has verified TWR Monte Carlo 9525 Bengkulu 4045 RA Shepp 9755 RN Lopik 6045.

JACK FARROW, Lower Hutt has QSL's from Poland 9675 Sweden 9760 and RA 17795.

NORMAN CLOVER, Hamilton has them back from Lisbon 11840 and Voice of Philippines 9580.

CHRIS MACKERELL, Nelson has six reports out and QSL's in from BBC UK 9410 9515 7260. Tebrau 3915 and Brasilia 15445.

DAVID OSBORNE, Hastings has QSL's from RN Hilversum 15420 15305, NHK 11875 15195 17880 9560, DW Sack 9605 Prague 7190 ? AIR 11775. 14 reports out. See closing date for notes David.

TONY KING, Wellington has a QSL from Colosal 4945.

MURRAY ROBSON, Christchurch has QSL's from Reloj 6006 VOA 5955 HGJB 11715 AIR 9912 DW Julich 7105 NHK 15105 ZL18 Pyongyang 11535 Brasilia 15445.

PHILIP BROOKS, Wanganui has QSL'd NHK 15105.

DES DAVEY, Te Kuiti has 10 reports out and QSL's from Kuwait 9715 Norway 15175 and RA 9570 5995 and 11810. Des, one frequency for RA had only four digits the first was 1. Reports in Bandwatch format please.

HARRY SEARLE, Invercargill has two reports out and QSL's from DW Julich 9545 Peking 11720 RBI 11870. Harry now has 24 countries verified for the 25th Anniversary contest !

DENE LYNNEBERG, Titahi Bay has six reports out and verifies from RRI Jayapura 15345 and Bagdad 9745.

BRYAN CLARK, Wellington has logged eleven stations over the holidays and collected QSL's from RA Shepp 9755 7290 Lyn 11730 DW Kigali 17780 (10 months) 21540 (3 weeks) Mauritius 4865 Moscow 21705 Tokyo 5990.

ERIN ARDLEY, Auckland has QSL's from Vila 3945 Prague 9740 HGJB 11890 17755 and TWR Monte Carlo 7295.

CRAIG TYSON, Western Australia sent in a long and interesting list of loggings for Bandwatch for his first contribution. Welcome to the League. Let's now await the QSL's !

COLIN CAMPBELL, Rotorua has ten out and QSL's in from RN Lopik 9715 15305 ~~Rawal~~ 3385 RA Shepp 11790 11850 21680 RA Darwin 6160. New countries list is now being finalised in Invercargill.

JOHN HILLIER, Masterton has QSL'd RA 9570 9535 15240 5995 DW Julich 9765 Werch 9690 Sackville 6085 Japan 11875.

DAVID ATWELL, Wanganui has QSL's from Canada 5970 9625 Peking 11720 11600.

STAN LARKING, Whakatane has reported his 1000th SW verie this month. QSL's from NHK 9560 Kuwait 15345 DW Werch 9690 SBC 15305 RA Shepp 15320 RSA 21545 RFE 21745 VOA Green 9670 Rawalpindi 17910 RN Hil 15305 Wien 11860 AIR 17860.

# SW BANDWATCH



Early morning listening has resulted in the reception of Ndjamana in the Republic of Chad, by two Wellington members. Venezuelan radio station Ecos del Torbes at San Cristobal has been noted with identification and frequency information in English on YVOC 4980kHz, YVFX on 5990 also being announced but not heard to date.

Although reception is best during hours of darkness at present, members will find conditions can alter considerably from day-to-day particularly at this time of the year, so you should not be discouraged from listening during daylight hours.

FREQUENCIES IN KILOHERTZ.

TIMES ARE GREENWICH MEAN TIME.

FREQ	TIME	COUNTRY	STATION, PROGRAMME & RECEPTION DETAILS	INITS
2307	1200	INDONESIA	RRI Jakarta hrd with ident 1200 then news bulletin in Indonesian.	CT FF
2510	1008	SOUTH KOREA	KBC Tagea Korean Service fair, much noise.	
2690	1830	MIDDLE EAST	(location presumed) United Nations Radio testing in English and Swedish. Also using 6300kHz at 1130 and 1540 GMT.	SCDX LR
3015	1037	NORTH KOREA	Pyongyang noted with music and talks in Korean.	AC
3414	1500	INDONESIA	RRI Medan with news from Jakarta.	AC
3472	1530	INDONESIA	Jember with popular music. Sign-off 1600.	JS
3668	1144	PORTUGUESE	TIMOR Dili with strong signals but overmodulated.	CM
3915	1815	MALAYSIA	BBC Tebrau very good in EE with Radio Newsreel.	
3925	0945	JAPAN	JOZ Nihon SW Broadcasters in JJ mixed with PAPUA NEW GUINEA VLK3 Port Moresby which dominated.	Both FF FF
3952½	0628	GREAT BRITAIN	BBC London good level with European Service in Hungarian.	
4810	1745	UNIDENTIFIED	pop music by Beach Boys etc noted till 1800, then 5-note trumpet fanfare interval signal, followed by talk in RR-type lang. This station reported in SCDX as Radio Kiev via Kyzyl or Radio Alma Ata in Kazakh, but JSWC maintains that there is no proof of either.	BC CT CM
4850	1605	UZBEK SSR	Radio Tashkent observed with talks in RR. No sign of Mauritius.	
4875	0930	BOLIVIA	CP75 La Cruz del Sur very good in SS.	
4904½	1736	CHAD	Ndjamana (ex Fort Lamy) good in AA. Ident, Nx headlines in FF at 1830, then English/French lang lesson. Faded out 1855. BC Radiodifusion Nationale Tchadienne fairly good with lang lesson 1850 to 1900, then nx in French.	DL
4907	1355	KHMER	REPUBLIC Phnom Penh logged with Cambodian (Khmere) songs.	CT
4915	1554	KENYA	Nairobi with African songs and Swahili announcements.	CT
4927	1325	INDONESIA	RRI Jambi with Indonesian songs.	CT
4932	1310	INDONESIA	RRI Surakarta logged with Indonesian news.	CT
4950	1207	SARAWAK	Radio Malaysia, Kuching has news in English.	CT
4955	1157	INDONESIA	RRI Banda Atjeh poor under Utility station with Indonesian songs.	MR
4965	0644	COLOMBIA	HJAE Radio Santa Fe, Bogota very good in Spanish.	
4980	0610	VENEZUELA	Ecos del Torbes hrd with SS musical prgm and full ident in English. JM 1035 SS anncts and songs. Unusual reception for Perth in mid-December.	CT
4985	1205	MALAYSIA	Radio Malaysia, Penang with news in English.	CT
5000	1705	NEPAL	Kathmandu very good over time stations with indigenous mx till off 1721.	BC
5010	1035	SINGAPORE	Radio Singapore with news in English.	CT
5047	0630	TOGO	Lome good with indigenous mx New Years Day. Ghana 4915 also noted - fair.	LR
6000	1130	AFGHANISTAN	Kabul heard with flute music and talk.	
6025	1200	UZBEK SSR	Radio Tashkent in EE. Mailbag prgm on Saturdays. Recent NF//9600, 11925. JM	
6040	1315	UNITED ARAB EMIRATES	Abu Dhabi with AA discussion on Mid-East situation. Ident at 1329 then AA songs from 1330.	CT
6040	0538	COLOMBIA	La Voz del Tolima Mx prgm & SS anncts for the New Year. Fair.	JM
6044	0550	GREECE	Greek Armed Forces, Athens noted 9/12 with Greek rlg service. Fair.	JM
6045	0800	HOLLAND	Radio Nederland, Lopik in Dutch for Europe with severe QRM.	JS
6110	0600	CANADA	Radio Canada, Montreal good in FF to Africa. (probably via BBC, Ed)	EA
7065	0640	ALBANIA	Tirana fair-good with EE cmt and Mx. NC. 9500 very good in //0630-0700.	MR
7095	0500	ISRAEL	Jerusalem in EE. French 0515-0530. New freq. //9785, 11725.	JM

FREQ	TIME	COUNTRY	STATION, PROGRAMME & RECEPTION DETAILS	INITS
7185	1825	MONACO	Trans World Radio interval signal,s/on 1830 with EE Ident then Ukrainian till 1900. Fair. Some co-channel interference from Radio Moscow.	DL
7200	0420	SUDAN	Omdurman with AA Home Service. Ident & Mx, mixed VOA Woodferton.	JM
7270	0634	POLAND	Warsaw fair in EE //7285 which is much better.FF 7285 & 9675 fair 0630.	JH
7868	1100	THAILAND	Bangkok Meterological Radio with idents in Thai & EE, Thai and English pop mx, shipping wx nx in EE. Possibly 24 hrs. Strong, poor modulation. Goonetilleke	
9475	0200	EGYPT	Radio Cairo good to North America. Sign-off 0330.	NG /UADX
9515	0630	GREAT BRITAIN	BBC London heard with good signals in French to Africa.	CM
9545	0238	WEST GERMANY	Deutsche Welle with EE cmt & mx fair-good.NC. 0220,9605 & 9735 //.	JH
9575	1945	GREENLAND	Godthab good reception to fade out 2130. Prgm in Eskimo & Danish. Also 11745 noted at 1630. McGovern, Thon. SCDX.	
9600	1205	UZBEK SSR	Radio Tashkent very good in EE 1200-1230 GMT.	MR
9610	2058	CANADA	Radio Canada International excellent in English to Europe.	EA
9615	0630	UNITED STATES	KGHI San Francisco VG with full ident & rlg prgms in EE to 0700.	BC
9615	2210	VATICAN STATE	Vatican Radio poor in EE. Strong QRM from other stations.	EA
9620	0300	UNITED STATES	AFRTS via Bethany with Sports Relay.	AC
9630	1230	SWEDEN	Stockholm very good in EE with nx bulletin and Panorama.	DD
9630	0504	SPAIN	RNE Madrid very good in Spanish. (note freq. corrected, Ian)	IW
9635	1900	SWITZERLAND	SBC Berne to Africa. At 2030 HCJB ECUADOR mixed with Berne. Both 9635 a new freq in EE for SBC to Africa. Fair signal.	AC
9650	0231	KUWAIT	Radio Kuwait weak in AA with Koran.Improves to 0400. Id:'Huna Kuwait'.	JM
9650	0900	GUINEA	Conakry with African rhythms all over Deutsche Welle. (Pity not in NZ,Ed)	DL
9695	0035	SOUTH AFRICA	Radio RSA poor in EE to Nth America. No sign of //9585 22/12.	CT
9710	0615	SOUTH AFRICA	SABC Sprinbok Radio with EE ids,time checks, advts. NF. Fair.	JM
9715	1830	KUWAIT	Radio Kuwait excellent in EE with pops. EA 1900 strong at sign-off. AC 1640 co-channel interf. from RR station. DL 1730 EE news. NF ex 9600, good. JM	AC
9725	0500	ISRAEL	IBA Jerusalem poor with news in English.	BA
9755	1800	MONACO	TWR Monte Carlo in AA till 1815. NF mixed with Radio NZ. Fair.	JM
9755	1900	NEW ZEALAND	Radio NZ Wellington good with EE news, to the Pacific. Which should remind you of the COMMONWEALTH GAMES AWARD! Full details last issue.	CC
10080	0600	PERU	Radio Libertad de Junin 5040kHz 1st harmonic regularly audible, fair-good.	BC
11600	0905	CHINA	Radio Peking very good with news & cmt in EE. JF 15060 at 0948 very good.	NC
11672	2010	PAKISTAN	Radio Pakistan fair signals. English at 2035.	IW
11730	1830	LEBANON	Beirut with English news, mixed with Radio Nederland.	AC
11730	2200	AUSTRALIA	RA-Lyndhurst (10kw) fair in EE. EA. New frequency to Asia.	AC
11740	2056	INDIA	All India Radio with news & commentary in EE. Poor.	JF
11775	2034	UNITED STATES	WINB Red Lion fair with EE rlg prgm to 2101. Replaces 11830. JM 2000 mixed Saudi Arabia. AC 2030 DX prgm on Sunday morning NZT. JS Also IW MR	JM
11775	1004	INDIA	All India Radio, New Delhi very good in English to Oceania.	MR
11780	0830	SWEDEN	Radio Sweden, Stockholm with Russian Service. QRM from Radio NZ.	NR
11790	0925	INDONESIA	PRI Jakarta heard with Indonesian anncts and English pop songs.	CT
11795	2345	ZAIRE	Kinshasa logged with popular music and anncts in FF.	HW
11800	0340	SRI LANKA	Colombo very strong with Hindi vocals and announcements.	CT
11800	0520	ETHIOPIA	ETLF Addis Ababa with talk in FF. S/off 0525 after identification.	CT
11815	0529	ETHIOPIA	ETLF with English ident, followed by prgm in EE.	CT
11835	0655	SUDAN	Omdurman AA Home Service good with ident, Arab & Western music.	NR
11835	0215	URUGUAY	Radio El Espectador, weak in SS but improving until off abruptly 0305 on New Years Day. Splatter from Lisbon 11840.	BC
11850	0352	ETHIOPIA	ETLF Malagasy Service to 0400, then FF till 0410. NF ex 11795.	NR
11855	2255	BELGIUM	Brussels with 'Belgium Speaking' in EE, good.//6055 inaudible.NR NF fair.	JM
11855	1045	PHILIPPINES	FEBC with 'Elementary English' prgm in Chinese Service. VG 31/12.	NR
11860	1800	SEYCHELLES	FEBA s/off in EE. Also noted on 11890 at 1659GMT, 1245-1430 on 15135 and 1430-1645 on 15325kHz. Thon, Hayashi. SCDX.	
11860	2124	CANADA	Radio Canada International excellent in EE.	IW
11860	0953	TAIWAN	Voice of Free China, Taipei with call in Chinese.	AC
11860	0800	NORWAY	Oslo good to EE on Sundays to the Pacific. CC Fair-good //11850.NR 15175.	DD
11860	1230	AUSTRIA	Vienna fair reception in English.	DD
11870	1045	INDIA	All India Radio, Bombay with local prgm in Hindi. QRM from Moscow.	NR
11875	1915	PORTUGAL	Lisbon fair with English for Africa. Noted 14/12.	JM

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION, PROGRAMME &amp; RECEPTION DETAILS</u>	<u>12 UNITS</u>
11880	0600	TURKEY	Ankara concludes AA Service, then Turkish Service with Nx. Excellent.	NR
11885	0930	AUSTRALIA	RA via Brisbane, Papua-New Guinea Service ex 11880. AC LR BC 11880.	JF
11890	1000	NETH.	ANTILLES TWR Bonaire fair to good in German to s/off 1030.	NR
11890	1745	SEYCHELLES	FEBA with ident & EE rlg prgm till 1800, then into Arabic. Splatter from Radio Free Europe. JM 1900 sign-off with chimes.	AC
11895	2000	SENEGAL	Dakar with Nx in FF. HW 0725 presumed weak station with FF talks.	CT
11895	2000	UNITED STATES	WYFR Family Radio sign-on to Europe. AC 2030 Id & rlg prgm, poor.	JM
11900	0703	MALAYSIA	Voice of Malaysia English songs and announcements.	CT
11905	0720	TAIWAN	Minhsiung with CC anncts, instrumental mx. Jamming quite bad.	CT
11920	0900	PHILIPPINES	FEBC Manila fair in EE to 1000. QRM Moscow. NR poor in Russian.	JS
11920	0658	IVORY COAST	Abidjan very good with French songs. CT 2315 pop & calypso type mx.	HW
11920	0050	BELGIUM	RTB-BRT Brussels good //11810. S/off to Nth America in EE, 0100.	NG
11925	0300	SPAIN	Spanish National Radio good in EE to N. America & Aust/asia //6065. Off 0345.	AC CM
11945	0515	SWEDEN	Stockholm fair in EE to Aust/NZ replacing 9760.	AC CM
11945	1915	ECUADOR	HGJB Quito, EE to Europe. NF ex 11865. Also on 9635 at 1930 replacing 9710. QRM from Berne.	NG
11960	1955	ETHIOPIA	ETLF noted at very good level in English to sign-off 2015.	JM
11965	0330	GUINEA	Conakry with talk in vernaculars to 0340, then non-stop native mx/songs with only occasional anncts in FF to after 0510. Good overall.	BC
15100	2000	ISRAEL	IBA Jerusalem good in EE to Europe. CC Also announced new freqs: 6205, 7170, 9495. JS 2036 English at extremely weak level.	DL
15115	0000	BRAZIL	weak PP station here presumed Radio Soc. Guiraca. Spoilt by Peking.	FF
15125	1830	TAIWAN	BCC Taipei noted with EE for Europe. Fair.	CT
15130	2013	UNITED STATES	WYFR Family Radio poor with religious prgm in EE.	FF
15145	2300	PHILIPPINES	SEARV Manila testing in Hindi. Burmese at 2330. Takahashi SCDX.	JM
15150	0415	CHILE	Radio Nacional de Chile, Santiago with pop mx prgm. New slogan often.	BC
15175	2130	UNITED STATES	KGEI San Francisco fair with new tx in SS to s/off 2145 8/12.	JM
15185	2355	AUSTRALIA	Radio Australia with Cricket Test relays to Asia. AC. 0127 fair.	JS
15190	2140	CONGO	RTV Congolaise very good with African rhythms.	CT
15200	2113	SAUDI ARABIA	Riyadh AA broadcast to s/off 2135. Also heard on 15205 after AIR India s/off at 1103. New freq. No EE idents noted.	JM
15245	2145	ZAIRE	Kinshasa logged with African songs.	CT
15270	0625	SEYCHELLES	FEBA with Gospel prgm in EE. Weak signal but no interference.	HW
15295	0534	FRANCE	ORTF Paris very good in EE to Africa from 0515.	MR
15305	0900	SWITZERLAND	SBC Berne exc in EE to Aust/NZ. CC 15305 & 11775 both very good.	JH
15335	0630	SOUTH KOREA	Radio Korea, Seoul good in EE to Europe. JS 9640 at 0900 in EE.	JH
15345	0530	KUWAIT	Radio Kuwait with news in English, followed by weather at 0535.	HW
15350	1345	LUXEMBOURG	Radio Luxembourg with EE pops and anncts in French.	CT
15385	2303	NETH.	ANTILLES RN via Bonaire with PP service for Brazil. Poor on this N.F.	JM
15415	2002	BRAZIL	Radio Clube de Rib. Preto logged with PP songs and anncts.	CT
15420	0929	HOLLAND	Radio Nederland very good to Far East. FF 1015 poor thru noise. Also on 15305 fair in EE at 0947. JS Both frequencies good at 0928. CC 15305.	JS
15445	0207	BRAZIL	Radio Nacional excellent in Spanish.	HS
17690	1030	BANGLADESH	Dacca s/on at this time with Nx bulletin. Probably in Bangla.	MR
17700	0040	AUSTRALIA	Radio Australia VG with Cricket relay to NZ. JS Sched 2355-0700 to NZ. To Asia 2355-0210 on 15185, 0235-0700 on 21455, for Aust/NZ Test matches. CC	JH
17725	0135	JAPAN	NHK Tokyo fair with Nth & Latin American Service in EE. //17825 good.	CC
17760	2100	UNITED STATES	WYFR Family Radio in EE with Gospel programme.	CC
17795	1100	SWITZERLAND	SBC Berne good in EE for Africa. (This is 500kw from Sottens Ed.)	CC
17865	1800	UNITED STATES	WINB Red Lion good with full EE ident then 1hr rlg prgm. 1857 religious prgms in EE for Europe & Africa. Good.	DL
17885	1800	SOUTH AFRICA	Radio RSA in EE to United Kingdom. Fair deteriorating & fluttery.	BC
21455	0600	AUSTRALIA	Radio Australia with Cricket test, to Asia.	AC
21460	0755	GREECE	HNBI Athens opening with int/signal then Nx in Greek. Very good level.	FF
21525	1830	UNITED STATES	WYFR Family Radio fair in EE with ident then rlg prgms. Nx 1900.	BC
21540	1200	EAST GERMANY	RBI Berlin with news and commentaries.	LR
21580	1029	FRANCE	ORTF Paris very good in English for Africa.	FF
21655	0030	AUSTRALIA	RA-Shepparton? excellent in EE. 0430 fair but rapid deterioration.	JS
21700	1400	SRI LANKA	Colombo Asian Service on this unannounced freq. Sivasubramanian SCDX.	CC
21745	2325	UNITED STATES	VOA Delano fair with English/Chinese language lessons.	JS

THANKS TO 22 BANDWATCH CONTRIBUTORS THIS ISSUE:

IW Ian Wells DL Dene Lynneberg JF Jack Farrow NC Norman Clover JH John Hillier  
DD Des Davey CM Chris Mackerell EA Erin Ardley MR Murray Robson JS Jack Searle  
PF Paul Frost JM John Mainland BC Bryan Clark NR Nigel Robins HS Harry Searle  
LR Lindsay Robinson AC Arthur Cushen CC Colin Campbell  
NG Nigel Greene CT Craig Tyson (West Aust.) HW Harry Weatherley (Victoria)  
SCDX Sweden Calling DXers. UADX Union of Asian DXers (Sri Lanka)



## STATION OF THE MONTH

*"eternal love winning africa"*  
POST OFFICE BOX 192 MONROVIA LIBERIA

ELWA, with broadcasting facilities near Monrovia, Liberia in West Africa, became the first Gospel radio station to broadcast from

Africa on January 18, 1954. Beginning with only a 1kw mediumwave transmitter, ELWA today is broadcasting to West, Central and North Africa and also to the Middle East, and is only a part of the growing, expanding ministries of SIM-COM, the Sudan Interior Mission's multi-media communications efforts in Africa.

Shortly after ELWA's medium-wave transmitter went on the air back in 1954, a 10kw shortwave unit was ordered for English and West African language broadcasts. In 1963 another 10kw transmitter was put into operation in the 90 metre band, exclusively for Liberian vernacular languages. Two 50kw transmitters were added, one in 1960, another in 1968, for high frequency shortwave broadcasts.

A non-directional English broadcast for West Africa is currently audible on 4770kHz via a 10kw transmitter. Reception is from 0555 to 0715 GMT with a BBC News relay included during this period. On Sundays, the transmission commences at 0630 GMT. Reception varies from day-to-day with a gradual improvement over the next few months.

Station address is Radio ELWA, P.O.Box 192, Monrovia, Liberia

Footnote: Other transmissions which have been heard in the past year include 15170kHz in French & Arabic from 2000 GMT (mixed Tahiti) and 11950kHz in English and African dialects from 0615 GMT.



### MAILBAG continued

LINDSAY ROBINSON, Invercargill has logged ten and received QSL's from Hilversum 15305 Relej 6006 Rome 5990 BBC London 17705 Pakist--an 17750 being the 82nd country.

TONY SMITH, Christchurch has a lengthy list of QSL's from BBC 7 freqs, RCI 6085 6145 SBC 21585 6015 15305 Peking 12 freqs, Madrid 6020 RA 5 freqs, ZL18 HCJB 6080 DW 11 freqs, AIR three freqs, Pakistan 21590 VIQ 9660 NHK 6 freqs Prague 21670 21700 11855 RSA 5 freqs ORTF 21675 VL2UV FEN 3910 Liberty Spain 17845 Austria 21705 RBI RBI 21465 Korea 9640 15335 Hanoi 15150 RAI 11905 Portugal 17880 Moscow 2 freqs Thailand 11905 Bucharest 17850 Norway 15175 Luxemb--bourg 6090 Egypt 17920 BED95. Please group QSL's by country or station Tony.

JOHN MAINLAND, Wellington has QSL'd DW Kigali 15390 BTLF 11795 Nacional de Chile 15150 RN Lopik 15420 RN Talata 11740 WINE 17865 Peking 17855 WYFR 17760 Athens 9630 RSA 17780 SABC 9710 Berne 11870 Riyadh 7110 11890 Ankara 9515 ELWA 3227 Vatican 9605 Cairo 17745.

### BEST OF THE MONTH

#### OVER 9 MHZ

DW Kigali 21540 250kw 102 pts  
Bryan Clark

#### UNDER 9 MHZ

Mauritius 4865 10kw 122 pts  
Bryan Clark

## ARTHUR CUSHEN'S SHORTWAVE REVIEW

Radio Sweden made a frequency change to 11945 khz on December 19 as the result of my suggestion, and this channel is providing good reception. Signals on the higher frequencies are numerous, but the lower powered stations have been difficult to hear.

ALL TIMES IN G.M.T.ALL FREQUENCIES IN KHZ

AUSTRALIA Radio Australia, Melbourne is operating Lyndhurst on 11730 from 2200 to 2345. The frequency of 11880 from Brisbane used to Papua New Guinea has been changed to 11885 for the period 0630 to 1000. Radio Australia is relaying the cricket test series between Australia and New Zealand on 17700 from 2345 to 0715.

CZECHOSLOVAKIA Prague with its inter European programme 0630 to 1200, is heard on 6055 and 9505 with English news at 0745.

ECUADOR HCJB has made the following changes in its frequencies to Europe. 9635 replaces 9710 1900 to 2200; 11945 replaces 11865 1630 - 2200; 15420 replaces 15405 1630-1900.

EGYPT Cairo is heard in Arabic at 0600 on 11950. The same programme on 9755 is good at 0400, but is blocked at 0500 by AFRS.

GERMANY Deutsche Welle, Cologne is heard on 5995 and 6130 from 0800 to 0825 in Serbo Croat.

GREECE VOA Kavala is received on 9620 closing at 2200. The full schedule is 1600 to 2200.

INDONESIA RRI Bengkulu on 4045 with a power of 1 kw has verified by letter and gives the schedule as 2300 - 0100 and 1000 - 1600. On 11770 Jakarta opens at 2200 in Indonesian.

KUWAIT The English request programme is well received on 9715 up to 1900 and is aired in parallel with 15415.

LEBANON Beirut has been noted on 11730 in English from 1830 to 1900 with poor signals. English is also heard at 0230 on 9660.

LIBERIA VOA Monrovia on 17875 is heard with News in English at 2200. The station operates 1700 - 0000.

PAPUA NEW GUINEA The Stations are now announcing "This is the National Broadcasting Commission of Papua New Guinea." A new station on 2340 located at Kimbe opened on 3 November. It is also noted that Radio New Ireland at Kavaeng on 2428 has extended its schedule and has pidgin news at 1100.

NORWAY is to increase power to 250 kw by the middle of this year.

SAUDI ARABIA has been heard on further tests, the latest frequency being 11775 at 2000 mixed with WINB.

SEYCHELLES FEBA has been heard testing on 11890 to close at 1900 with chimes. The signal is mixed with Saudi Arabia on the same frequency.

SWEDEN As noted above 11945 now replaces 9760 for the service to Australia and New Zealand from 0515 to 0615.

USA WYFR Family Radio is heard well opening on 11895 at 2000. They operate 2000 to 2215 to Europe on this frequency and to Africa on 15130 at this time. AFRS has been noted on the unlisted frequency of 9620 over Bethany to closing at 0330. Also unlisted is 9755 opening at 0500 with interference from Cairo. KGEI continues to test on 9585 at 0700 and at 1000 on 9520. They have also been heard on 15170 around 2000 and also at 0200 they are using 9615 to Latin America.

The practice could spread as more and more NZBC stations are converted to automatic transmitter operation, as the city studio has the capabilities of dialling the transmitter on-and-off each day by remote control. Often the transmitter is located several miles outside the city in which the studios are housed.

The official American explanation by the Federal Communications Commission indicates that in our country the use of NZBC transmitting facilities by unauthorised people has not been considered.



## Utilities

Well, with only one contributors notes to hand since our last column in the November Times, we hope that its only the Holiday break which prevents other 'Ute' enthusiasts from dropping a line to Box 2956. BRIAN GALL of Palmerston North has received a QSL from CML-31 Cuba, logged on 10870kHz at

0610 GMT. Thanks, Brian! C'mon all you 'ute-DXers'; let us know if you want this mini-section to continue and in what form, before the SW and MW vultures gobble up all the space, hi!

## EQUIPMENT REVIEW

News of members receivers, antennas and other aids to DX. Have we heard from you yet?

FRED CLEMENTS of Wellington has a varied and interesting lineup: Murphy B41B low frequency marine communications receiver 15.7 to 720 kilohertz, IF 800kHz, 100kHz crystal; Murphy B40C high frequency receiver 635kHz to 30.6MHz, IF 500kHz, 500kHz crystal; both these sets being to NATO standard until recently; a 100kHz crystal calibrator which should be working soon; Bendix BC639A VHF US Army base station receiver 97 to 160MHz with VFO; Fleetwood (Philips) hybrid portable receiver with 8' multiple wound ferrite rod aerial, 520kHz to 23MHz except 4250-5750kHz. Fred comments that this is a very lively set: Philips 2205 cassette recorder for taping direct from the B40 and B41; Air Ministry Pattern 1392 VHF base station receiver, crystal controlled frequencies. Fred is making up a bank of crystals, each in series with a capacitor, and is hoping to 'pull' these onto known signal frequencies; and finally antennas consisting of a 13 metre high vertical whip (soon to have an ATU), a 13 metre plain dipole, 80 metre longwire in square layout, and plans underway for a 30 metre dipole.

BOB BOUNDY, Christchurch is using an RCA AR-88LF and an Eddystone 840A on loan. Aerials are-50ft E-W at a height of 30ft and 250ft at a height of 15ft running in a 'U' shape.

BILL HUDDLESTON of Auckland listens in with an Eddystone S750 aided by a C10 crystal calibrator. Antennas, all at a height of 40ft are: a folded dipole for 49 metres and 25 metres and 100ft longwire for general purpose use.

COLIN CAMPBELL, Rotorua and first President of our Waikato/Bay of Plenty Branch has an Eddystone 750 awaiting repairs, and a Murphy 10 transistor allwave battery portable covering the BCB band, 1.8-6.25MHz, 8.9-16.2MHz and 16.2-24.2MHz. Aerials are a 13 metre antenna SW-NE and erection of 25 metre aerial is underway. Colin comments that sulphur corrosion eats thru No.12 copper wire in 12 months, so he's obliged to use heavy duty 4 strand clothesline wire.

LINDSAY ROBINSON down in Invercargill, uses a Trio 9R-59DEM communications receiver coupled to a 110ft longwire, also 35ft and 55ft lengths; a Thorn tape recorder, Philips cassette recorder and 24 hour digital clock.

MICHAEL POLLARD of Temuka and Christchurch is another member with a variety of DX equipment: At Temuka pride of place goes to an 11 valve ex-naval communications receiver which covers 1.5-20MHz in 4 bands selected on a rotating coil-turret. It also has BFO, crystal locked passbands(5), and switchable AVC. Antenna is 40ft running NNE-SSW. In Christchurch, an 8 valve prewar domestic set is used, with coverage 525-20,000kHz in 4 bands and antenna 75ft long NNW-SSE. Both aerials are 15 to 20 ft high. A BC-221 frequency meter journeys with Michael between the two locations. Finally, recent additions to his 'equipege' are a Sanyo cassette recorder and Codar regenerative receiver which he says takes a little getting used to.

PETER JACKSON, Dunedin uses a late 1950 Philips 7 valve receiver. Aerials include a 200ft 'V' beam antenna to the North-East and a 600ft longwire to WNW.

TONY SMITH of Christchurch concludes this months section. He uses a G.E.C. 8 transistor, 4 band receiver covering 530kHz-26MHz. Aerial is 94 metre 'L' shaped directional.

TO BE CONTINUED.

# ..sign off

PANAMA has long been an elusive country for DXers with only one station currently using shortwave. This is La Voz del Baru, currently scheduled at 1000-0400 GMT on 6045kHz with power 0.05kw at this time. However Radio Libertad, presently 10kw on 840kHz MW, advise that they will open an outlet on shortwave in mid-1974.

Glenn Hauser NASWA. Vincent Leveque SCDX.

AUSTRIA ORF Vienna is scheduled to South East Asia and Australasia as follows, until 3 March: 0400-0600 on 21705kHz, 0600-0900 on 17850 and 1200-1700 GMT on 17780kHz. Norman Clover

'WARBLES' Many members will have observed a trouble - some new sound on the shortwaves - a series of rapid electronic pulses (approx 160 per minute), with a warbling or 'whoop, whoop' sound. These broadband jammers, with a spread of 15kHz are apparently originating in Chile and have been directed at Radio Havana on 17855, 17735, 15425, 15340, 15230, 15130 & 11760kHz; and Radio Moscow's South American Service on 9800, 9775, 9720, 9640, 9610, 9450, 7330 & 7205kHz. Dr Richard Wood NASWA

## 25th Anniversary Contest

The logging period for our 1973 Competition has now ended, but members have until 30 June 1974 to get their QSLs back and entries posted to Box 1313, Invercargill. Don't forget the Commonwealth Games Award too! Full details on page 7, December mag.

WATCH OUT for ZGBC Gospel Broadcasting Corporation which was expected to commence operations from the Caribbean island of Dominica by 1 January 1974. No other details known.

International Christian BCasters per SRK

ETIF RADIO VOICE OF THE GOSPEL in Addis Ababa, Ethiopia operates to the following English schedule until 2 March: 0400-0425 GMT on 7165kHz, 0530-0610 on 11815, 1255-1325 on 15400, 1330-1345 on 11900, 1330-1400 on 15190, 1655-1710 on 6065, 1755-1810 on 9705, 1830-1910 on 7145 and 1930-2015 GMT on 11960 kHz. John Mainland

IF YOUR SUBSCRIPTION IS DUE THIS MONTH, A COLOURED STICKER WILL APPEAR HERE. RENEW YOUR SUBSCRIPTION PROMPTLY TO ENSURE THAT YOU WILL RECEIVE NEXT MONTH'S ISSUE. ADVICE WILL BE GIVEN TO OVERSEAS MEMBERS PRIOR TO THE MONTH DUE.



## New Zealand Radio DX League

### ADMINISTRATIVE OFFICE

P.O.Box 1313, Invercargill.

All subscriptions, membership enquiries, stationery requirements and policy matters should be addressed to Invercargill.

### EDITORIAL OFFICE

P.O.Box 2956, Wellington.

Only queries relating to content and distribution of the Times should be addressed to Wellington. Closing date for contributions: - first Wednesday of the month. Advertising: - \$0.50 up to 30 words. Other rates on request.

Annual Subscription: \$4.00  
(Secondary Students: \$3.00)

RADIO COMPONENTS COURSE. This new course of Radio Nederland aims to give listeners a better insight into the functions & interaction of radio components. It will be on a general level so that it will be easy for everyone to follow. The course will also appeal to more technically advanced listener -s well, as it gives interesting details of components not generally elaborated upon in technical manuals. The course will commence in DX Jukebox over Radio Nederland at 0640 and 0810 GMT on Thursday 7 March and texts and diagrams are forwarded free of charge. Write to DX Jukebox, Radio Nederland, P.O. Box 222, Hilversum, Holland, to enroll.

## BUY & SELL

WANTED: RECEIVER WITH GOOD SW AND BCB COVERAGE. MUST BE IN GOOD CONDITION. AT LEAST 6 VALVES OR 9 TRANSISTORS PREFERRED. WRITE: MICHAEL STOCKLEY, 14 UPLAND STREET, TAURANGA.

RADIO NACIONAL DE CHILE is the new name for Radio Corporacion and according to a QSL postcard just to hand, frequencies in use are CB114 1140kHz 50kw, CE619 6190 1kw, CE951 9510 1kw & CE1515 15150kHz 10kw. Reports in SS should be addressed to: Jefe Dpto Tecnico, Radio Nacional de Chile, Casilla 244V Stgo, Santiago, Chile.

John Mainland

AIRMAIL QSL's. SEC Berne advise that QSLs are sent surface mail unless one IRC is sent with your report. HCJB Quito requires three (3) IRC's for airmail replies to listeners outside the Americas. Nigel Greene