



# NEW ZEALAND DX TIMES

VOLUME 26 No. 6.

FEBRUARY 1974

With the passing of Frank Wilson on Monday, January 14, 1974, in his 58th year, the DXing World lost one of its most dedicated members. He was seriously injured in an accident at his home, 175 Queen Street, Dunedin, on the preceding Saturday and never regained consciousness. At the funeral service, the minister made reference to Frank's long service to humanity over 35 years as a psychiatric nurse, and to his kindness and understanding. He said that Frank was a man of unusual hobbies.

To us he was known as one of our leading DXers, listening out of a location he helped to make famous - Longbeach - a place where DXers were always welcome. He took up the hobby in 1935 and between then and 1958 amassed 1220 veries (1000 by April 1950) and this period included service with the NZ Forces in the Pacific, where he went in 1943.

When he moved to Templeton, Canterbury in the early 1950's, overhead powerlines made DXing impossible so he put all his enthusiasm into his two other "unusual" hobbies. He was a collector of New Zealand Verse and owned the largest private collection in the world, and it was still growing, all meticulously catalogued. He was a noted horticulturalist with many South Island championships for his speciality - narcissi.

At one time his totals of verifications, NZ verse, and show award cards, vied in numbers with each other, but when Frank returned to Dunedin in late 1969, verifications quickly gained the ascendancy while narcissi awards came to a halt. In the December Times, his broadcast total is shown as 1590. But apart from his always evident keenness, Frank had an amazing capacity for detail - not only did he record his QSL's chronologically, by frequency, alpha-betically, by state, country, continent; but also the number on each channel and split, the number on each power, number on changed frequency; all these details and more at any given date, plus details of other DXers' logs for comparison.



Yet he always found time for family life. The first thing he did on arrival at Longbeach for a DX session was to phone home, report his arrival and inquire how things were going. To Mrs Wilson, Alan, Leah and Denise, we offer our deepest sympathy.

Both the NZ Radio DX League and the NZ DX Radio Association were represented at the funeral. Our hobby is the poorer by the death of Francis Alfred Wilson. MB

## IN THIS ISSUE

RADIO COOK ISLANDS - THE LATEST NEWS...INTERNATIONAL SERVICE FROM CHILE IN ENGLISH...INSIDE THE THAI METEOROLOGICAL RADIO...MORE OF RADIO WXLE...ESSENTIALS OF GOOD REPORTING...AND MUCH MORE!!

CLOSING DATE FOR NEXT ISSUE: WEDNESDAY 6 MARCH. PLEASE SEND DETAILS OF YOUR DXING, QSL'S & BEST-OF-MONTH ENTRIES TO BOX 2956, WELLINGTON. 73's IN '74!

# FROM THE BRANCHES

**SOUTHLAND.** The January meeting was held at Arthur Cushen's with 13 present, and President Eddie MacAskill welcomed Norman Austin, a former member and Gavin Bennett, a prospective member, to the meeting. Details were arranged for a DX weekend at Riverton and the branch committee is to draw up a programme of features for the coming meetings. The six-monthly competition results were discussed and Arthur Cushen on shortwave has had his points handicap increased from scratch to 5; most other members are on 20. Competition Results: Broadcast both awards to Arthur Cushen with Sahara 656kHz 50kw and Radio Paradise 1265. SW over 9 to Neville Henry and Alan Crawford with RSA 21545. Under 9 to Lindsay Robinson with Gabon 3350 4kw.

**OTAGO.** The monthly meeting at Ponto was attended by 10 members. A weekend shortwave competition was won by Jonathan Aitchison. Plans were made for a DXpedition to be held at Harrington Point on 15-16 February. Competition Results: SW Over 9 to Graeme & Denise Shillito with RSA 21545. Under 9: Graeme Pont VI5UV 1630. Broadcast senior to Graeme Shillito CBR; junior to Peter Jackson with Radio Paradise 1265 - an outstanding entry.

**CANTERBURY.** The January meeting was held at David Ricquish's on the 14th. DX chat was very lively. Competition Results: SW Under 9: VI2UV 1750 300w, Over 9: RSA 25790 250kw both to Tony Smith Broadcast Aust/NZ STC 680 50w, Open Switzerland 529 500kw both to Tony Smith; North American to David Ricquish with KTOM 1380.

**WELLINGTON.** 9 were present at our first evening meeting for some years. Discussion centred around the DXpedition to Castlepoint on 1 - 3 March. Members who have not yet registered must advise Nigel Robins, telephone Wainui 8787 no later than 17 February. Competition Results: SW Junior: Over 9 to Jack Farrow Lisbon 11840, Under 9 to Tony King and Centinela del Sur 5020. SW Senior: Over 9 Lakeland Radio 9510 Dene Lynneberg, Under 9 Brazzaville 4765 Bryan Clark. CCB to Bryan Clark with WWWE 1100 and TGRC 605. Next meeting at 1430hrs on 24th February at Bruce Williams, 82 Pirie Street, Mt Victoria.

COMMONWEALTH GAMES COMPETITION LOGGING PERIOD CONCLUDES ON 28 FEBRUARY 1974.  
HAVE YOU ENTERED THIS UNIQUE CONTEST AWARD? FULL DETAILS IN DECEMBER 'TIMES'.

## 'TIMES' RE-EQUIPMENT

As a matter of some urgency the question of replacing outdated and worn typewriters which had served the Times for many years, was raised at the last A.G.M. Such expenditure cannot be borne fully by the operating capital of the League, and consequently the Administration Committee has established a Times Typewriter Fund. "The Fund was started with an initial donation by Harry Weatherley at the 25th Anniversary Celebrations of \$25. Donations have since been received from J. Fox, Dunedin (\$5), Mr & Mrs O.D. Crawford \$5; A.D. Henderson Palmerston North \$3; \$10 from each of five Southland members. Anyone wishing to contribute to this fund should send their donation to the National Secretary, P.O. Box 1313, Invercargill."

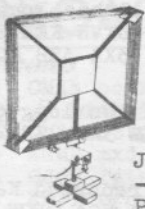
**TODELAR**  
lo moderno en radio

## BOX 2956

**GOOD NEWS** comes from Arthur Cushen who has been asked to resume his monthly feature in Electronics Australia magazine. Arthurs notes on DX listening will reappear beginning with the March 1974 issue. DXers in Australia and New Zealand will be glad of this change of heart by "EA" as the column is the only DX feature outside the DX magazines in Aussie and has long been a source of new enthusiasts in both countries. Here in NZ we are indeed fortunate to maintain Arthur's feature in the "Listener" as the major publicity.

**TV TRANSMISSION HOURS** have been cut to 10pm closing Monday-Thursday and 11pm Friday for the duration of the energy crisis, a move to be welcomed by the avid DXer plagued by TVI. However the Director-General of the NZBC said there was no need to shorten radio hours, as the saving in power would be infinitesimal. We presume that includes all the transmitters that are left on all night!

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# BROADCAST DX with George Masson

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January proved to be a pretty good month for North and Latin American DX, with some good veries being received. KRVN and Radio Paradise have QSL'd many. Robin Chambers writes: " Had an interesting DX holiday with Bill Woller and Michael Smith at Matata, a small beach resort 27 miles from Whakatane. What a place for DX ! The North Americans don't come in like that in Opanake. Fijians came in all day long (560, 710). First North Americans were in

before 6.p.m. some nights. We used mainly a V beam with 150' legs South and SSW. Bill's Philips transistor and Michael's 36" loop and Transistorised Eddy-stone were the receivers."

+ Our fears of extended hours by ABC stations have not eventuated to any extent. Only a few stations, 2FC 2CV 2NC 3AR and 4QG have been noted by Arthur Cushen.

+ Had any trouble getting your 'Robin's BGB Loop Booster' Going ? Nigel will be happy to check out your construction and make any necessary adjustments if it does not appear to be performing as you expected. To date we've learnt of about a dozen in the making, and the ones in Wellington are certainly being used most enthusiastically. If you're stumped with your construction, pack your efforts carefully, and mail to Box 2956 Wellington.

+ All the United States except Hawaii, Puerto Rico, and the U.S. Virgin Islands are on Daylight Saving Time until at least 26 October 1975. Where a State is 'split' by time zone boundaries however, the 'faster' zone is not required to use DST, i.e. the State as a whole will observe the same time. Canada is largely disinterested in DST with only British Columbia changing over on 3 Feb. It is therefore most important when reporting, to observe and stipulate clearly the time of your reports. (Thanks to John Pearkins for this news.)

NRG is lobbying for the curtailment of 24 hour broadcasting and some stations are already voluntarily shortening transmissions, so chances are some interesting stations may be 'revealed' in the coming months.

PETER JACKSON, Dunedin has had a bash at a booster, and logged KCEY Paradise KING KOOL. Veries have arrived from KFAB KRAK KMJ KOGO. Send up the booster and we'll check it over Peter.

CRAIG CRAWFORD, Christchurch has QSL's from Voice of Peace and KRVN

PAUL FROST, Tauranga has logged 1YK 4YW 2YA KNDI KOGO 2XW WGN KELI WKYC (Are you sure - this call was deleted last year off 1400 kHz) WLS 7ZL 2AY 3XA 3ZC KRMG Fiji 640 1470 3WV 4MK VSZ1 New Caledonia 670 2BL 7ZL Hong Kong 1050 XEB 3GI AIR 1360 2DU 2NC 4BG. QSL's in from WLW KEX Vatican 1529 AFNT 1550 JOVR JOIR KIKI JOOR KOHO 1YK KNDI JOER Voz de Cuba 590 KFI A3Z 2GB XERF 2VM.

ARTHUR WILLIAMS, Timaru has logged KCEY CJOR KPOI 2XW. Veries in from KPOI KDB KCEY KRVN (12 mths) A3Z (9 mths) and Tahiti 740 (8 months)

RAY CRAWFORD, Invercargill has veries from 3WV 3XA JORR 740 DZAS Ethiopia 944 Kuwait 539 BGC Masirah 1412 VOA Philippines 1440 KEYS 1440 CKLG WIBW KRVN 2AP Paradise ZNS1. Welcome back.

JACK SEARLE, Haumoana has reported KCEY 2GH CFUN WXLE 1YA 2ZC with veries from 1YA 2ZC 2ZB. See note above re boosters.

ROBERT CHESTER, South Australia has them out to CFGN KING 3XA and 2ZH. QSL'd 5RM CFGN.

MIKE HIGHLEY, Wellington has QSL'd KXEL and A3Z.

MERV BRANKS, Invercargill slowly swinging back into action has reported KGA KXYZ KEX Paradise 2AP AFNT 1550 KPRE 4RK. Veries back from 2XW Paradise 2HD 4RK A3Z 2AP.

SUTTON BURTENSHAW, Invercargill has logged 2AP CKLG 4R0 4GY with veries from JOER DYLA Kavala 791 KOKY WRBE KYAL Tahiti 740 CKLG 2AP 6DL 6PH 6GF 6GN 3WV 3GI..

GRAEME SHILLITO, Dunedin has logged 4GY WNBC KTW0 KOIN 970 KCKY 1150. Veries from 4MS 2XW Tahiti 740 CBK KRVN (two years.)

CHRIS MACKERELL, Nelson has logged KFRG KIRO KOA WBAP KKIS KNBR KGIL WUNI. QSL's from WBAP KKIS KOL 3NE KFRG. Good selection Chris.

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DAVID RICQUISH, Christchurch has only veries in this month from 4QR HLKX KRVN (two years) and KTOMpc.

DAVID OSBORNE, Hastings has QSL'd KGMB.

BRYAN CLARK, Wellington reports good conditions with logs of YVTI Catatumbo Internacional KRY5 and KGB all on 1360, 2YA HJCY Sutatenza 810 CMAN 550 and LVEC 1035. QSL's from A3Z after 6 months KRVN (1 year) WWWE 1100 CJVI 2YA on 25kw emergency power Paradise 1265 KMJ WGN WHO JORR after 6 months.

STAN LARKING, Whakatane has reports out to JOKB JOTG JOQK JOQC 4AT JOPC JOFB KABL. Veries from 2XW KRVN.

DES DAVEY, Te Kuiti has logged Tonga.

HARRY WEATHERLEY, Victoria admits a swing this month to SW but QSL's in from WVUV 1120 on reduced power of 1 kw.

IAN DONALDSON, Victoria has logged 1YX 1XI 2ZH VOA 1580 with a QSL from 1XI.

ARTHUR CUSHEN, Invercargill has verified EAJ202 656 Monte Carlo 1466 Paradise 1265 KRVN with reports off to HLKV 900 4NA DYRG 1570.

LINDSAY ROBINSON, Invercargill has logged 2XW 1YW KOB KCEY XET A3Z 4NA. QSL from XMRF.

SINCLAIR BENNETT, Christchurch has logged 1YK 2NR 4QN 3GL 7ZR 4QW 7SD Fiji 1320 4RK 2LT. QSL's in from 1YK 2NR 3GL 3LO 3GI 7ZR.

ALAN ROBSON, Christchurch has logged 1XX 3CV KMX 3SH 2HD 2CA 2CH 3AK KORL XERF Fiji 810 Voice of Revolution & Peace 1135. QSL's from 2UW 1YK 1XX 2GB 3SH 2HD. No one knows the address for your Korean on 1135 but you could try c/- Radio Pyongyang.

BILL WOLLER, Opunake has reports out to AFRS Taiwan KDBM KUDI WWWE CBU KARN KKON KCCN KPNW KIKI. Veries: AFRS Taiwan 1550, KUDI CBU WWWE.

TONY SMITH, Christchurch has veries from KROY 1240, Thailand VOA 1580 DDR 1570 Switzerland 529 plus 35 New Zealanders.

ROBIN CHAMBERS, Opunake one of the Matata trio has reported Ktwo CBU KPOK KGHL WELY and KCEY. Veries from RBI 1511 KARN KXL KFQD and KNEW. Matata sounds like a fabulous location.

NEVILLE HENRY, Invercargill has logged KCEY KGIL KOB KFAB WHO 4QO 8DR and XET. Veried VOA Munich 1196 CKVN Peace 1540.

STEVEN GREENYER, Invercargill has logged 1XA 2XW 3XA 3ZB 4ZB 4QD A3Z CKVN KEX Suva 560 Singapore 790. Verified: 3XA 3ZB 4QD A3Z.

JONATHAN AITCHISON, Dunedin has logged 1ZC with QSL's from 2ZN 2XW 3AR 2ZN 2ZM. Hope the booster helps.

KEITH ROBINSON, Kapuka has reported KJJJ CMW KJR and verified 2NB 3HA 4QA CFCN BFBS 890 7QN CKIG 3WV KRVN.

ANDREW WHITE, Christchurch. Logged KGMB Verified: KEX KGMB 3DB 4BC.

DENE LYNNBERG, Titahi Bay has one out to KGB with QSL's from DDR-1 Bernburg 1570 3WV KLEI Paradise 1265.

ELIZABETH HELLYAR, Bulls has logged Windy.

GEORGE MASSON, Upper Hutt has logged KPOK 1330 and verified KRVN 880 after 18 months.

## BEST OF THE MONTH

### SENIOR

KUDI Great Falls Montana 1450 khz 1 kw  
165 points Bill Woller.

### JUNIOR

Voice of Peace 1542 khz 50kw 118 pts  
Craig Crawford.

## DX FORECAST

### FEBRUARY

6.55 - 7.15.p.m. Portugal/Europe (esp. late Feb.)  
7.00 - 8.45. United States.  
8.00 - 9.45. U.S. East Coast may peak.  
9.45 - 10.30. Central Americans.  
1.00 - 3.a.m. U.S. Pacific East Coast.  
4.a.m. Hawaiians.  
4.45.a.m. onwards: Middle East  
6.00 - 6.30.a.m. Europeans.

### MARCH

6.20 - 7.15.p.m. Portugal/ Europe (from 7 in early March)  
7.00 - 7.45.p.m. Cubans, Central & Sth Americans, Canadians; East Coast U.S. to 8.15.  
7.00 - 8.20. USA/Mexico.  
9.15 - 9.50. South Americans  
4.00 - 4.15.a.m. Hawaiians  
4.45. onwards Europe/Middle East/  
6.15 - 6.45.a.m. North Africa/Europe.

Robin Chambers.



# BROADCAST TRAIL

## EVENING

- 550 CMAN poor with Voz de Cuba 8.50 // with 590 strong BC
- 584 Chinese good 9.15 RC MS BW
- 590 KGBM mxd JOAK 8.50 RC MS BW
- 600 CJOR fair 7 - 7.30 RC MS BW
- 620 KWFPT s/on 10 mxd KTAR MS
- 640 KFI Exc 8.45 RC MS BW
- 660 WNBC 11 after 2YC GS
- 690 CBU classical mx after 7 strong
- 710 KMPC 7.47 with Fiji looped BC
- 750 KFQD under WSB 7.55 GM
- 770 JOUB Exc 8.55 SL
- 780 WBBM over KCRL 7 RC MS BW
- 790 KGHF f/c 6.45 - 6.58 7 Jan
- 800 Pyongyang Exc 9.05 RC MS BW
- 810 Sutatenza good s/on 8.57. 17/1 BC
- 830 KIKI exc 22/1 when NZ off BW
- 850 HJKG mixed KOA 8.54 13/1 BC
- 870 JOLB fair 11 SL
- 890 JOHK fair 11.20 SL
- 920 KARN over 3YZ 1.5 RC MS BW
- 950 KJR mixed JOKR 8.50 RC MS BW
- 990 CBW good off 9 with 1ZD looped JORK weak 11 SL
- 1010 America, Peru mixed 1YK 9.40 BC
- 1020 Tone test 7.15 6 Jan RC MS BW
- 1030 KTWO on f/c strong 8.08 28/12
- 1030 WBZ power house 7.58 BC
- 1035 4VEC Haiti caught with s/on 9.58 with chimes then religious mx. Severely splashed. 5/2 BC
- 1100 WWWW often over 3ZB 7.30 RC MS BW
- 1130 CKWX exc 7.30 RC MS BW
- 1180 WHAM thru NZ 7.15 RC MS BW
- 1270 CMJG Relogio Nacional news and time checks every minute 8.23 21/1 BC
- 1320 KXYZ 8.20 music nx MB
- 1325 Philippines DYVN ? 10 - 11 BW
- 1330 KPOK gd over KPAC 7.30 - 8.05 Freq ID's and C & W 7.35 GM
- 1360 KGB C & W Over YVTI 8.28 25/1 BC
- KRYS mixed KFIV 7.30 20/1 BC
- YVTI Catatumbo Internacional good 8.27 - 8.50 8/1 ID 8.30 BC
- 1380 XEBO 7.50 strong with jingle ID BC
- 1390 KCEY Town & Country 7.15 - 8.45
- 1410 CFUN fair 7 JS
- 1450 KUDI f/c lkw 8 17/12 BW
- 1450 WELY f/c weak 7.40 RC MS BW
- 1490 KDBM f/c 3/12 8 BW
- 1530 WCKY news 9 BC
- 1570 XERF 8.05 good SS AR

## MORNING

- 590 JOAK good midnight SL
- 650 KORL strong 3.10 AR
- 670 JOBK good 2 SL
- 690 JOAB under 3YA midnight SL
- 700 JOFB fair 2 SL
- 750 KFQD exc 3.40 BW
- 840 JOQK good 2 SL
- 960 JOTG fair 2.30 SL

- 970 KOIN news 3 GS
- Unid Canadian with CBC Nx 4 GS 5
- 980 CKNW fair 2.30 GS
- 1030 KTWO ID as K2 1.15
- 1070 KNK after midnite excellent AR
- 1135 Voice of Revolution & Peace with talk about Korea fair 2.15 AR
- 1150 KCKY Cattle Sale report 1.45 GS
- 1350 JOER gd after midnite SL
- 1390 JOQC mixed 4BH 12.30 SL
- 1600 JOKB good 1. SL

Contributors: Arthur Williams, George Masson, Allan Robson, Merv Branks, Bill Woller, Jack Searle, Graeme Shillito, Stan Larking, Bryan Clark, Michael Smith, Robin Chambers. RG/MS/BW combo from DXpedition to Matata.

DX SPECIALS ORGANISED BY AMERICAN CLUBS

MONDAY 18 FEBRUARY (NZT)

- 5.30 - 6.30.p.m. WPDK Clarksburg, West Virginia 750 khz 1 kw. NRC
- 5.30. - 8.p.m. WTIV Titusville Penn. 1230 khz 1 kw NRC
- 5.30. - 7.30.p.m. Radio Anguilla, The Valley, Anguilla, 1505 khz 500watts NNRC

SUNDAY 24 FEBRUARY (NZT)

- 6.30 - 7.p.m. KGVO Missoula, Montana 1290 khz 5kw NNRC

MONDAY 25 FEBRUARY (NZT)

- from 5.30.p.m. WKZO Kalamazoo, Mich. 590 khz 5 kw NNRC
- 5.30. - 8.p.m. WFRA Franklin, Penn. 1450 khz 1kw/250w NRC

MONDAY 4 MARCH

- from 5.15.p.m. KWPM West Plains, Miss. 1450 khz 1000/250 watts NNRC



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# CAN-AM REPORT

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

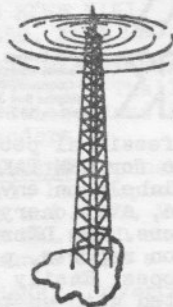
## NORTH AMERICAN CHANGES, courtesy Alan Merriman, NRC.

- |  |   |
|--|---|
| 540 KIDT Delta, Utah 1000w D1 new.                   | 1390 WROA Miss. to 5kw U2. WAPR Fla. to 5kw D1.                                   |
| 540 CBKO Coal Harbor, B.C. 40w U1, new.              | 1390 WTNK Miss. ex WQIC ex 910kHz.  |
| 630 CBKU Kelsey Bay, B.C. 40w U1 new.                | 1400 new Golden Lake, B.C. 1000w/250w U1.   |
| 740 CBKW Jaffaray, B.C. 40w U1 new.                  | 1410 new Cleveland, Texas 500w U4.  |
| 710 WEPD Europa, Miss. 500w D1 new.                  | 1420 KTAN Arizona ex KHFH.  |
| 790 KGPD Clovis, Calif. 5kw D1 new.                  | 1430 WWEL Mass. ex WHIL. WWEB Tenn. ex WHER. WVVX Illinois ex WEEF.               |
| 790 KHUM Calif. ex KDAN.                             | 1440 WKHJ S.C. ex WHHL. KRXL N.D. ex KILO.  |
| 790 CFCW Alberta now 50kw U4.                        | 1450 KOBO Calif. to 500/250w U1. KOPO Arizona to 1kw/250w U1. KUPY Wash. ex KAYE. |
| 800 CBQ Thunder Bay, Ontario 10kw U3. replaces CJLX. | 1470 CHOW Ontario to 1000/2500 U4. WDCL Fla ex WCWR                               |
| 900 WKXA Maine ex WCME.                              | 1470 KWIV Douglas, Wyoming 1000/250w U1 from 1050.                                |
| 920 KARN Arkansas 24 hrs SP Tue 1-6am EST.           | 1480 KRED Calif. to 500/1000w U1.   |
| 950 WJPC Illinois ex WGRT.                           | 1490 KOFE Idaho 1000/250w ex 1480. WAAY W.Va x WEGH.                              |
| 990 KTXD Calif. ex KGUD.                             | 1500 WKAX Ala ex WQRI, Russellville. 1000w D3 new.                                |
| 1030 KTWO Wyoming antenna now U2.                    | 1550 WKOT NY ex WBAZ. KLFJ Springfield, Mo new 0.5.                               |
| 1060 WLAB N.C. ex WBYB                               | 1530 WTTI Ga. 10kw D3. WKDC Ill ex WHJJ.  |
| 1060 KCLT Texas ex KHRB.                             | 1530 new Jacksonville, Fla 50kw D3 and WBCW Jeanette, Pennsylvania 1000w D1.      |
| 1090 WSLG Gonzales, La. ex Donaldsville.             | 1560 KQYX Mo. to 10000w D3. WBUK Mich. ex WTFS.                                   |
| 1090 WRRR Virgin Is. call assigned.                  | 1560 new Iowa City, Iowa 1kw U2 and Aberdeen, South Dakota 5000w U4.              |
| 1150 CKIQ B.C. now 10kw daytime.                     | 1600 KLAT Utah ex KBBC.   |
| 1160 WIDL Puerto Rico call assigned.                 |   |
| 1190 new Mississauga, Ontario 10kw D3.               |   |
| 1230 WJNO Florida to 1000/250 U1.                    |   |
| 1240 KTAM Texas ex KORA.                             |   |
| 1280 new Appomattox Va. 1000w D1.                    |   |
| 1340 WXOR ex WJOI Alabama.                           |   |
| 1340 WEKY Kentucky ex WRKY.                          |   |
| 1340 WCBQ N.C. ex WOXF.                              |   |
| 1340 new Vanderhoof, B.C. 1000/250 U1.               |   |
| 1350 WZIX Pa. ex WORK.                               |   |
| 1350 KDOV Oregon ex KRVC.                            |   |
| 1380 KKZZ Calif. ex KBVM.                            |   |
| 1380 WGSE New Bern, N.C. 5000w D1 new.               |   |
| 1380 CKLC Ontario 10kw/5kw U4 now.                   |   |

**ST KITTS, LEEWARD ISLANDS.** According to verie letter "Radio Paradise 1265kHz is owned & operated by the New Testament Baptist Enterprises of Tennessee and is an entirely religious oriented broadcast station. The station went on the air on 1 January 1973, test transmissions having started on 22 December 1972. Paradise now broadcasts 18 hours daily, from 0900 - 0300 GMT with gospel messages in song & the spoken word. Coverage area is aimed to be the entire East Caribbean. Many reports have been received from NZ and Australia and we are obviously thrilled that we can indeed be heard in those parts." BC

50,000 WATTS, 1265 KCS

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# RADIO PARADISE

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ROBERT A. MAYER  
Director

CONTINUED.....

# CAN — AM REPORT

## continued

More items from the pages of NRC's "DX News":—

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WLAC, KIRO, WBT all left the CBS network in mid-1973.  
CJAT British Columbia 610kHz has CP for 10kw/1kw U5.

WABC 770 idents as Music Radio 77, KISN 910 is 'The Rock of the North West'.  
CARRIBBEAN ROUND-UP. ZIZ Basseterre, St Kitts opens at 9pm NZT on 555kHz. Belize signs off at 5.10pm on 834kHz. Radio Anguilla, The Valley, Anguilla weak but clear in English 1131 GMT on 1505kHz. TIFC Faro del Caribe, Costa Rica opens with prayers in SS on 1075 at 9.58pm NZT. Radio Omega, San Jose s/off 6pm on 625kHz. TIBB Radio BB on 1225 is most consistently heard Costa Rican. Radio Capital TISRH noted at 5.31pm with station ident on 1125. TGX Guatemala City 850kHz is now 15kw. From Cuba, CMDL Guantanamo carries La Voz de Cuba, noted 6.37pm, on 870. CMKF Baracoa 620kHz is now all night with La Voz de Cuba, noted 8pm.

(Some not-quite qualifying but tx to C. Clayton, T. Sundstrom, G. Hauser, D. Reynolds.)

DOMINICAN REPUBLIC. Radio Cristal 570 5kw and Radio Clarin 860 50kw are both 24hrs, 7 days a week. Radio HIJB 830 5kw is 24hrs on Fri, Sat, Sun only. Most other stations sign off at 3pm or 5pm, exceptions being Radio Comercial 1010 10kw & Radio Union 1570 1kw with s/off 7pm NZT; RABC 540 5kw, Radio Universal 650 5kw, Radio Norte 720 3kw, Radio Continental 890 5kw off 6pm. Cesar Obijo NRC.

ALASKA. KFRB has requested a move to 820kHz. NRC. Address reports for KFQD to V.G. Allred, Chief Engineer, 9200 Lake Otis Parkway, Anchorage 99507. Clarence Freeman NRC.

More Stateside News: 610 KGGM New Mexico is 24hrs NSP. CJIB Vernon B.C. 940 is 10kw day/night. KERB Oregon 1280 is 24hrs NSP. WOKK Meridian, Miss is 24hrs 5kw day/1kw night on 910 ex 1450 to replace WCOO. WSPR Maine 1270 has weekday s/on 0520 EST. KUUV Seattle 5kw 1590 is now MSP. WRIZ 1550 is all-Spanish, ids 'Radiocentro'. 710 WQBX Blacksburg Va 5kw D3 new..1350 WZIK Pa ex WORK..1410 KLSC Oregon ex KPAM.

That's cleared the backlog of news gleaned from NRC's "DX News". More of the latest next month!

## PACIFIC ASIAN REPORT

HAWAII. Recent changes include KOHO 1170 5kw and KZOO 1210 with hours extended to 24 hrs, all in Japanese. KPUA 970 5kw at Hilo is now also 24 hours. A move to 670 is planned for KPUA. A move to 620 for KIPA 1110kHz 1kw is expected within 2 months. Signoff for this station has been extended to 11pm NZT. KHVH 1040 5kw has moved to 1010 in the last month. NZDXRA

A. Roycroft via Merv Branks, Tim Hendel via Arthur Cushen, A. Roycroft via/

PHILIPPINES. DYRG Bacalod City 1570kHz observed closing at 4am. Arthur Cushen  
Further to notes in November issue, DWSS 1473 ex DZJS and DZSS 1480. DYNC 763kHz announces as 1kw on 750kHz. DWKD 555kHz ex DWKY 550. Charles Taylor via NRC.

SHARJAH. According to Jan Tuner in "DX Jukebox" Sharjah has moved from 1575 to 1535kHz but the 1974 WRTVH shows both frequencies used, 1535 with 5kw, 1575 with 50kw and plans for 120kw.

CANTON ISLAND. Further to details in the October and December 1973 Reports, Dave Ricquish advises a third QSL from WXLE 1385, this time from Station Manager Lowell D. White!

In January 1973, WXLE installed a new 250 watt transmitter and new broadcast tower. Coverage was extended but their staff were not increased accordingly, with Mr White the only full-time employee and in sole charge of WXLE. He has 2 part-time announcers and himself to do all programming. Quote: "The running of the station is or was a full-time job before the necessity arose to answer dozens of reception reports. I have answered all I possibly could, but some have gone unanswered. I find it particularly upsetting when the answers I have managed to get out, fail to arrive. I'm afraid mail service between Canton and New Zealand is rather poor, no matter which direction you are going." (A check of station files showed not only had David's report been received and confirmed as correct, but a reply had been sent soon after.)

David comments: Lowell seems to have rather a rough job out there on Canton, so it would be most helpful if members sent return postage when writing to WXLE, a prepared card in envelope if possible; and a nice friendly letter. Address is: Kentron Hawaii Ltd, Canton, Phoenix Isle., SAMTEC O/L -1, A.P.O. San Francisco, California 96401. David Ricquish

NEW ZEALAND. 1XX Radio Whakatane 1240 plans a synchronised 100 watt repeater on 1240kHz at Murupara. 2YM Palmerston North 1410kHz 2kw relaying the National Programme is due on this year. 2XW Wellington 1080 is to apply for 24 hour operation. Radio Rhema, Gospel Radio Fellowship was declined an application to broadcast from Christchurch during the recent Commonwealth Games. Radio Mururoa is the name of Peace Media's proposed sea-going broadcast and shortwave station to operate from international waters near Tahiti. Barry Hartley, NZDXRA. Bryan Clark.

<u>Broadcast</u>				<u>Shortwave</u>			
Division	Dec.	Feb.	Inc.	Division	Dec.	Feb.	Inc.
<u>GOLD STAR (1251 &amp; Over)</u>				<u>GOLD STAR (1251 &amp; Over)</u>			
Arthur Cushen	2127	2132	5	Arthur Cushen	4016	4036	20
Keith Robinson	2004	2013	9	Dene Lynneberg	1787	1796	9
Merv Branks	1989	1995	6				
<u>SILVER ACE (751 - 1000)</u>				<u>GOLD ACE (1001 - 1250)</u>			
Ray Crawford	909	924	15	Ray Crawford **	1082	-	-
Eric McIntosh	839	842	3	John Mainland	1041	1072	31
<u>ACE (501 - 750)</u>				<u>SILVER ACE (751 - 1000)</u>			
Robin Chambers	711	719	8	John Watson	1000	1028	28
Sutton Burtenshaw	665	680	15	Stan Larking	988	1015	27
Stan Larking	654	656	2	Bryan Clark	942	955	13
Dene Lynneberg	615	621	6	Brian Withers	862	-	-
Graeme Shillito	575	580	5	Hans de Jong	856	869	13
<u>SENIOR (301 - 500)</u>				<u>ACE (501 - 750)</u>			
David Ricquish	438	446	8	Bill Huddleston	721	-	-
Paul Aronsen	388	-	-	John Durham	662	699	37
Brian Withers	350	-	-	Erin Ardley	658	664	6
George Masson	312	313	1	Lindsay Robinson	568	582	14
				Eric McIntosh	561	565	4
<u>INTERMEDIATE (151 - 300)</u>				<u>SENIOR (301 - 500)</u>			
Lance Johnston	268	-	-	Paul Aronsen	464	-	-
Bryan Clark	264	277	13	Keith Barton **	(428)	-	-
Alan Crawford	231	-	-	John Hillier	412	424	12
Gordon Simes **	(230)	-	-	Jack Searle	392	416	24
Tony King	219	219	0	Lance Johnston	373	-	-
Arthur Williams	218	228	10	<u>INTERMEDIATE (151 - 300)</u>			
Richard Knowles	176	-	-	Alan Robson	242	275	33
Lindsay Robinson	165	168	3	Tony King	232	233	1
Sinclair Bennett	161	170	9	John Newman	217	-	-
<u>JUNIOR (51 - 150)</u>				John Bathurst	212	-	-
John Newman	146	-	-	Arthur Williams	206	207	1
Jack Searle	129	132	3	Colin Campbell	199	220	21
Gay Johnston	108	-	-	Stephen Greenyer	186	199	13
Alan Robson	92	98	6	Des Davey **	(233)	-	-
John Bathurst	91	-	-	Mike Highley	182	-	-
Michael Smith	91	97	6	Murray Robson	181	199	18
Peter Jackson	-	50?	-	<u>JUNIOR (51 - 150)</u>			
<u>NOVICE (1 - 50)</u>				Michael Smith	139	144	5
Elizabeth Hellyer	41	41	0	Norman Clover	128	135	7
Jonathan Aitchison	38	44	6	Tony Smith	120	253	133
Paul Frost **	(38)	-	-	Michael Pollard **	(119)	-	-
Andrew White	-	31?	-	Paul Frost **	(121)	-	-
Michael Pollard **	(30)	-	-	Leigh Morris	109	-	-
Colin Campbell	18	18	0	Gay Johnston	86	-	-
Chris Mackerell	11	17	6	Ian Wells	-	75	-
Tony Smith	11	66	55	Chris Mackerell	69	75	6
				Jonathan Aitchison	67	101	34
				Charles Douglas	66	88	22
				Nigel Greene	-	53	-
				Chris Pike	68	86	18
				<u>NOVICE (1 - 50)</u>			
				Andrew White	-	45	-
				Jack Farrow	29	35	6

Off to another good start in the 6 monthly ladder competition, with a welcome to new entrants Chris Pike, Peter Jackson, Ian Wells, Andrew White and Nigel Greene. Asterisked entries must be updated next time to stay in the race. Congratulations this month to Stan Larking on reaching his 1000th shortwave QSL!

\*\* indicates no update received since October. Totals required for April.



# ESSENTIALS OF GOOD REPORTING

9

Based on a Seminar presented to Otago DXers by George Beardsmore.

One must remember that the whole basis of DXing is receiving verification or confirmation of a reception report and to achieve a high percentage of replies it is always essential that useful reports, accurate technically as well as helpful, be sent to all stations. The aim of these comments is to help all DXers to obtain a high percentage of replies and at the same time give stations reports that are useful.

The following basic rules can be applied to all reports that you send out:

1. ACCURATE TIME. Time should always be set on WWV which can be heard on 2.5, 5, 10, 15, 20MHz. When reporting give times of each item/announcement down to the nearest half-minute. Many stations, while not keeping a log of recordings played, do keep an accurate log of times of programmes, commercials etc. To illustrate - if a programme is running 3 minutes late, your report covers this fact by showing all items exactly at the time heard. This could prove an important point when checking your report and one easily verifiable.

2. LENGTH OF REPORT. A good report should contain a minimum of 20 minutes reporting time, but preferably 30 minutes or more. Longer may be necessary particularly with stations broadcasting in a foreign language where it is quite often difficult to obtain sufficient useful information other than a 'man talking' type of report - something you should try and avoid. There will be exceptions to these standards of length. Some stations will just not be audible for any significant time - but it is still necessary to give some information that will enable a station to check same against their log book. A tape recorder can be a valuable asset when logging such difficult stations, as quite a lot of information can be obtained over a relatively short time which is otherwise lost in longhand.

3. FACTUAL REPORTS. Under no circumstances should you guess as to programme content - if you did not hear something say so - remember that with constant practice your hearing becomes attuned to picking out difficult signals and you will notice 'old hands' writing details that are a 'jumble' to newer DXers.

4. VERIFIABLE DETAIL. The fact that you heard a station callsign at say, 8 o'clock is not verifiable detail as most stations give a callsign at 8 o'clock. To enable a station to check your report it should contain the following points - others can also be added as desired.

Commercials - as much detail as possible, Weather Reports, News Headlines - detail not normally necessary, Jingles, Type of programme - sponsored show, play etc, Names of announcers, and so on.

Give fuller details than 'man singing', eg male pop singer with vocal group backing. It is appreciated that many difficulties are encountered when trying to report Spanish speaking, Eastern or African stations where language is unknown, music seemingly endless etc, but if your report covers sufficient length of time there is usually some point or points that can be termed verifiable. Look for well known commercials from the Latin Americans, such as Coca Cola or Shell. Various jingles are also popular, along with gongs or chimes etc. Most Eastern or Asian stations have some period of English programming - watch out for these via the Times or World Radio TV Handbook. As a final word make sure you have correctly identified your station by hearing the appropriate announcement or slogan.

5. FRIENDLY REPORTING. While we all desire to obtain that QSL card or letter, it is good to remember that stations respond by courtesy - not as a DXers right, therefore be polite & friendly - no abuse in any circumstances. If a station does not reply, no amount of abuse will rectify the situation, but a helpful report with friendly comments may change their mind.

6. COMMENTS ON RECEPTION. SINPO is one of the most widely accepted codes in reporting stations today and it enables a station to quickly check all aspects of their signal. However this is still mainly used by the big International Shortwave stations and is not universal, particularly as far as domestic medium wave and shortwave operators are concerned. It is recommended that it is used only in reports to the 'International' stations, otherwise a full description should be given. The idea is to give as much help as possible to the Engineering staff, thus:  
Strength. Give a full picture covering the period of report, eg: Signal very good over the first 20 minutes, but faded badly until finally barely audible during the last 15 minutes. Compare if possible with other stations in the same area.

Quality is an important aspect and useful to engineers. It may be difficult to ascertain due to interference but, providing your own receiver is operating correctly...

CONCLUDED PAGE 10



In a very informative letter to the editor of the Times from the present Cook Islands newspaper editor, and news editor at ZK1ZA - a League member - we have learnt the following: "We're having QSL cards prepared and once reports are cleared by the Broadcasting Officer from the technical point of view they will be passed to me for QSL action. The Call of the Cook Islands, as the station is generally called, is at present transmitting on ZK1ZC on 600 khz using a temporary 1 kw transmitter situated at Awarua, as the 10kw transmitter at Mata-vera has been out of operation for sometime, We still await replacement parts. We broadcast 6.a.m. to 4.p.m. Cocks Time, then 6 to 10.p.m. Sundays we operate continuously 6.a.m. to 10.p.m. and recently also we started Fridays full time to cover sporting fixtures in New Zealand on the Saturday. (We're a day behind N.Z.). Weekdays we broadcast on Shortwave using ZK4 on 11760, although it is interesting to note from the DX Times that we appear to have a slight off frequency drift to put us on 11758. The shortwave service, destined for the outer islands operates weekdays 10.a.m. to noon, and 1 to 3.p.m. Reports should be addressed to: The Manager, Cook Islands Broadcasting & Newspaper Corporation, P.O. Box 126, Rarotonga, Cook Islands, rather than the address in the WRTVH."



## SPECIAL

RADIO COOK ISLANDS will broadcast a DX SPECIAL programme organised by the North American Shortwave Association on 11758 or 11760 khz at a time between 10.30.p.m. and 11.30.p.m. on MONDAY 18 FEBRUARY N.Z.T. Here is an opportunity for us all to catch this elusive station. Only clearly verifiable reports will be acknowledged and Cook Islands stamps should be sent for return postage.

### ESSENTIALS OF GOOD REPORTING

Continued from page 9

...ask yourself: is the signal of excellent clear tone, clearly audible over the complete range of audibility, or is it a little rough, or garbled in speech, or music a little distorted etc etc Interference. Cover such items as static, jamming interference, other stations etc. If the station is completely in the clear say so.

Fading. While isolated note can be used in the detail of your report to explain why you missed announcements etc. give a summary at the end, eg: Quick light fades or long shallow/deep fades.

Overall. Summarise your findings by giving a rundown on overall merit of the station's signal, eg a poor signal suffering heavy interference - doubtful if reaching target area (if you are in the target area), or - high quality excellent signal - enjoyable listening etc etc.

As a final thought it is often desirable to add friendly comments to station staff or regarding programme content. You can also add any other relevant information that you think may be useful or of interest to the station.

While NZRDXI members have always been held in high regard, both in New Zealand and overseas, it is felt that if members cooperate in giving first class reports to all stations, our standing would become even higher and verifications would become much more easily obtainable, especially from some of those supposedly 'hard to verify' stations.

(We hope all members will take note of the points raised in this article and will reflect them in future reports, if not already doing so. Our thanks to George for a timely reminder of the basics of the DX hobby. Ed)

# Shortwave Mailbag with John Mainland

The Thai Meteorological Department station at Bangkok has verified Steven Green-  
yer. This QSL is possibly the first received by a New Zealand Dxer. Riyadh,  
Saudi Arabia has verified Arthur Cushen and Steven on a report of their test  
transmissions. Dene Lynneberg reports a verification letter from Lakeland Radio  
in Malawi following a report to the Malawi Broadcasting Corporation in Blantyre.  
FEBA Seychelles, a fairly difficult station to hear has rewarded both Harry  
Weatherley and Arthur Cushen. Now into the mailbag:

TONY MARR, Wellington has two reports  
out and a QSL from Djibouti 4780.

JOHN NEWMAN, now on a working holiday  
in Australia advises a QSL from TIHB  
4832 (worth only 102 points John.)

GRAHAM PONT, Dunedin has QSL's from  
Finland 15182 NHK 15235 FEBE 11890  
Portugal 11840 Sweden 11940 AFRTS  
9700 Poland 9675 Korea 9640 DW 9625  
Israel 9009 Vietnam 10040 SBC 6165  
ORTF 6030 SBC 3985 Vila 3945 FEN  
3910 VL2UV VL5UV RSA 15220 Prague  
11855 UN 21570 Monte Carlo 7140 Cairo  
9475. Hope you will contribute  
regularly.

CHRIS PIKE, Christchurch has QSL's  
in from HCJB 9745 11915 AIR 7265  
9912 ORTF 11735 7135 DW 7105 11795  
Iran 9022 Cuba 11760 Budapest 11910  
Spain 11925 Prague 9540 9740 11990  
21700 Tashkent 11925 Bucharest  
11775 Belgium 15235 Korea 9640  
15335 SBC 11775 9590 CBC 9625  
Norway 15175 11850 UN 5955 Warsaw  
9675 P & P 17730 21600 Nederland  
15305 15420 Moscow 12060 9750 5960.  
Perfect layout for us Chris !

PAUL FROST, Tauranga has QSL's from  
Lopik 9715 15420 Bonaire 15220 UN  
11850 15410 HCJB 15375 Nigeria 7255  
IBA 15100 Belgium 11920 CBC 9610  
AFRTS 9755 AIR 11775 JOZ 3925 WYFR  
15130 BBC 3925.5. Column layout  
of notes would help us Paul.

JOHN HILLIER, Masterton has QSL's  
in from Canada 9625 5970, NHK 17855  
15235. Would appreciate something  
substantially new in the way of  
loggings.

HARRY WEATHERLEY, Victoria has them  
from Mauritius 4865 HCJB 6080 KGEI  
9585 Baghdad 9745 WYFR 15130 15215  
Seychelles 15270 Athens 15425 17745

BRYAN CLARK, Wellington has logged  
nine and collected QSL's from WYFR  
21525 RSA 17885 17780 RTVC Brazza-  
ville 4765 Accra 3366.

TONY KING, Wellington has one  
from Centinela del Sur 5020.

ROBERT CHESTER, South Australia has  
52 out with rewards in from Tahiti  
11825 FEBE 11900 RBI 7260 Moscow via  
Omsk 17815 RCI 5970 AFNT 3990 HCJB  
9760 RA Dar 6055 Shepp 7180 9650 11850  
Lyn 11825 RNE Tenerife 11800 Ned Talata  
15320 RSA 15155 NHK 5990 6030 BBC 18080  
RNE Noblejas 11920 HNRVTI Avlis 7215.

JOHN MAINLAND, Wellington has QSL's  
from Kuwait 21605 NHK 11725 CEG-S  
6135 KGEI 9585 9615 4VEH 9770 WINB  
11775 HCJB 9760 Athens 9520 RN Bonaire  
15385 Israel 7095 Conakry 11965 ETLF  
11960. John is presently using a Sony  
CRF-160.

RAY CRAWFORD, Invercargill has veries  
in from Malawi 3380 Israel 11960 Lux  
15350 Atlantida 4785 Ondas del Meta  
4885 Jayapura 15345 DW 15135 11765  
7105 Spain 9630 TIHB 4832 Ghana 9545  
India 9525 NHK 6005 HCJB 17885 15375.  
Thanks for finding the time to write  
Ray.

CHRIS MACKERELL, Nelson has four out  
and QSL's in from TIHB 4832. A lean  
month Chris.

COLIN CAMPBELL, Rotorua has 22 out  
and QSL's from SBC 6135 9535 15435  
HCJB 5990 17755 17850 IBA 9009 11705  
11960 WINB 17865 Tahiti 15170 Norway  
11860 Nederland lopik 15425 Japan  
9605 11705 Habana 11760 11910.

IAN WELLS, Milton, has QSL's from  
SBC 9590 WINB 11775 and Canada 11860.

JACK SEARLE, Haumoana has QSL's from RA  
Shepp 9755 Lyn 15140 Brisbane 11880  
Ned Bonaire 6165 BBC Cyprus 11925  
Peking 11965 Pyong yang 9455 Abidjan  
4940 Cairo 9805 DZH7 9505 VLR9 9680  
Tirana 7300 Delhi 7260. Very nice  
Jack.

DENE LYNNEBERG, Titahi Bay has twelve  
reports out and QSL's in from Cairo  
9805 4VEH 9770 AIR Madras 7260 Lake-  
land Radio Malawi 9510, AIR Aligarh  
9705 Mauritania 4850 Radio Espana  
Independiente 12142.

KEITH ROGERS, Lower Hutt, has a verie  
from ORU 11855.

JOHN WATSON, Waipawa has QSL's from RA Dar 6160 7150 Shep 4 freqs Brasilia 15445 Sweden 11940 9760 RNE Tenerife 15365 RNE Madrid 7105 AFRTS Greenville 15430 ORTF 11870 11960 ZL20 Tashkent 15460 HGJB 17755 6080 VOA Dix 21610 Phil 15240 Rel-oj 6006 Moscow 5940 7328 12050 DW Sack 9605 Julich 15435 TWR Monaco 7105 Kuwait 15435 Sofia 9700 SBC 11715 AIR 7215 CBC 5970 Ned Bon 9770. A good boost for your SW totals John.

NORMAN CLOVER, has received QSL's from Peking 15060 Kuwait 9715 AIR 11740 ORTF Paris 7135 LLJ 11860 Canada 5970 Sweden 6175. The verie from Sweden must have been slow in coming.

DAVID OSBORNE, Hastings has QSL's from RA Lyn 5995 RA Shep 21550 21680 Peking 15060 11720 11600 RCI 6135 9625 AIR 11775 ORTF 21580 FEBG 11890 IBA 11725 Voice of Vietnam 15012 SBC 21520 15305 9590 VOA 17815 Portugal 21495 NHK 9560 5990 15235 17710 ORF 17850 21720 P & P.

JACK FARROW, Lower Hutt has them back from Peking 11600 Portugal 11840 Japan 11875. How's the 840A ?

JONATHAN AITCHISON, Dunedin has QSL's from Iran 9022 Egypt 9805 Prague 7345 Spain 6065 AIR 9525 9912 11740 DW 7105 9545 VOA 6040 AFRTS 6030 11790 Peking 0460 SBC 11775 9750 Moscow 7240 12060 Warsaw 7285 7270 Hanoi 19040 RA 9755 7290 Vatican 7235 FEBG 11890 P & P 17730 Cuba 11840 Kuwait 9715 RNZ 15280 Canada 9655 Sweden 9760 Israel 11725 UN 9565 NHK 11815 BBC/FES 17880. You must have a good pennant collection by now !

STEVEN GREENYER, Invercargill. Norway 11860 Voice of Phil 9580 DW Sack 6085 Bougainville 3322 VLH15 15230 Peking 11600 Saudi Arabia 5965 Bangkok Met 7863 RNZ 11780 AIR 11620 New Ireland 2428. A good list Steven. The Thai verie is probably a New Zealand first.

MURRAY ROBSON, Christchurch. QSL'S: HGJB 11715 SBC 11720 P & P 25 and 31 m/bands, RAI 7235 AIR 11775 UN 5955 WYFR 11895 Prague 11855 Pakistan 21590.

LINDSAY ROBINSON Invercargill has logged 24 this month and reaped the benefits from Gabon 3350 Pakistan 15325 17750 BBC 17705 Holland 6045 NHK 7195 Rome 5990 AIR 15235 DW 17780 Norway 21730.

ERIN ARDLEY, Auckland 'ardly had any to report this month - one from Vatican 9615.

MIKE SMITH, Matamata has one in from TIHBG 6006. No advantage in having a higher tower Michael. Any improvement is psychological.

IAN DONALDSON, Victoria has eight reports out and QSL's back from Korea 9640 RSA 9695 RN 9715 Israel 11960 Peking 17835.

ALAN ROBSON, Christchurch logged 100 over the holidays and has QSL'd RSA 15220 21545 AFRTS 6110 RBI 15320 Hanoi 15012 Israel 11745 Sri Lanka 15120 Tahiti 15170 Canada 9610 DW 9690 9545 Cuba 17705 Moscow 21705 BBC Atl-antic 9510 AIR 9912 VOA 15205 11925 FEBG 21515 Sofia 6070 Peking 15060 9460 WYFR 11885 NHK 6 freqs SBC 5 freqs. Boosting your ladder total, Alan. Now that the Games are over - more DX !

JOHN DURHAM, Meremere has QSL's in from DW 17800 9765 Rwanda 9700 AIR Delhi 9912 17775 Rawalpindi 21510 Karachi 9485 21590 Israel 11725 11745 Prague 21700 Peking 12055 P & P 21600 Voice Phil 9580 HGJB 9560 Kuwait 9715 Berne 11765 Tashkent 15460 Portugal 21735 21700 Vatican 21485 Riyadh 9625 9695 Canada 15235 Cuba 15425 17705 Vienna 11860 Brussels 21460, two UN's and 5 VOA's. A very good month John.

ARTHUR CUSHEN, Invercargill has verified Sabah 5980 HGJB 9760 FEBG 11890 UN-GA 11915 Israel 11725 VOA Kavala 11825 11845 Sweden 11945 Siantar, Indonesia 4650 HGJB 11890 VOFG 11860 Riyadh 9605 11775 RA Shepp 17820 Kavieng 2428. An interesting list Arthur. Did Riyadh reply from the address they used during their broadcast ?

HARRY SEARLE, Invercargill has two reports out and QSL's from ORTF Paris 7135 Ned 6045 P & P 21505 BBC London 9600 9640 7210 Tebrau 11750

TONY SMITH, Christchurch, has QSL'd ORTF 21580 21645 21620 RNZ 17770 15110 9520 11705 9755 15280 VOA Greece 9760 15155 Phil 6185 11715 15290 15210 11760 9545 15345 Tangier 5955 15175 Liberia 21610 Okinawa 7165 6010 Dixon 9730 9565 17820 21695 Delano 21460 Bethany 17780 Greenville 25950 26040 Moscow 21575 21565 CBC/BBC 21600 7230 Ned/Mad 17810 Hilversum 21480 HGJB 17755 17880 Prague 5930 7345 17840 21680 9505 6055 Norway 21730 Layout OK Tony.



NIGEL GREENE, Paramatahas 19 reports out and QSL's in from Kuwait 15345 AIR 11620 after six months, and 9912 after 3 months, Vatican 11705 RFE 9695 NHK 17880 Oslo 11850 AFRTS 11790 VOA 11900a FEBE 11890 ETLF 11815 BBC 7150 Sweden 9760 WYFR 11895 RSA 15220 RCI 11860. Each QSL on a new line helps speed up our typing Nigel. Multiple frequencies of course in the same QSL entry.

DES DAVEY, Te Kuiti has four out and QSL's back from ORTF Tahiti 6135 9740 11825 15170.

STAN LARKING, Whakatane has 28 out and QSL's in from NHK 11940 Cairo 17625 Rome 17795 Kuwait 21685 HGJB 11715 SBG 15430 11775 21520 AIR 15165 DZH7 9505 AFRTS 17765 RFE 17735 ORTF 11710 Lisbon 21700. Thanks for your usual solid entry Stan.

ERIC CARTER, has QSL's from Ceylon 11800 BBC 7120 17790 17880 RFE 5970 Cuba 15425 RN 15420 Israel 11725 VOFG 11860 Vatican 17840 AIR 15165 WINB 11775 HGJB 6080 KGBI 9585 Athens 9520. Thanks so much for the information.

HANS DE JONG, Tasmania has QSL's from HGJB 6080 9560 AFRTS Delano 6110 TWR Monaco 7100 RM Tula 7240 Stockholm 9605 RA Shepp 9650 9695 9755 11850 BBC/UK 9765 RN Lopik 21540 Israel 11725. Excellently set out. It is always nice to hear from our growing band of Australian members.

# BEST OF THE MONTH

## OVER 9 MHZ

RADIO RSA, South Africa 21545, 250kw  
102 points Alan Robson.

## UNDER 9 MHZ

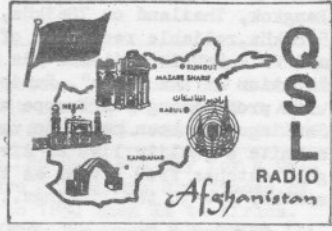
Djibouti, Afar & Assas 4780 4 kw  
116 points Tony Marr.

## IMPORTANT NOTE

In recent months we have received a good selection of entries, but judging is extremely difficult because of the lack of entry detail, and incorrect points calculations. Effective immediately entries which do not comply with League rules (Page 30 'DXing Made Easy.') will be disqualified. The entry, on a "reasonably sized" piece of paper must list: call, location, freq., power, date heard, time heard, month reported in Times, and points.

Shortwave transmissions of Radio Afghanistan originate from Jakatut, about 2 miles from the studios in Kabul.

Late January, the European transmission of Radio Afghanistan was heard at a new time. The new service includes German 1100-1130 and English 1130 -1200 GMT.



At 1200-1300 the station carries the already established Pushtu and Dari language service. The frequency is 15195kHz which is thought to be a 100kw transmitter. Programming heard in the English half-hour included news, commentary, Afghan and Western popular music. Fair reception is provided by this 19 metre band channel; slight interference from the Talata, Madagascar relay of Radio Nederland at 1225. The address announced is: Radio Afghanistan, P.O.Box 544, Kabul, AFGHANISTAN. JM

The following data was provided in a QSL from BANGKOK METEOROLOGICAL RADIO. The station is operated by the Telecommunications Division of the Bangkok Meteorological Department. Its purpose is to inform the public and shipping of the weather. Frequencies are 7863kHz and 11645kHz. The latter frequency has not been well heard by their listeners and they plan to change it in the near future. A 10kw Collins transmitter is used with a log parabolic antenna beamed to the south. Because of financial difficulties, the staff borrow records from their friends to play on the air. They also record songs from other radio stations on a cassette recorder at home, then bring the cassettes into work to play them. This results in some of the songs being cut at the beginning or end to remove unwanted advertising. The Weather Forecast is given in English at 15 minutes past the hour from 0015 to 1315 GMT except for 0215, 0515 & 1215. It is of 2 or 3 minutes duration. Sign-off is at 1330 GMT. A Volmet station is also operated. In verifying the stated: "Kindly tell your DX League to listen to us sometime". The address is Meteorological Department, Sukumvit Road, Bangkok, THAILAND  
Steven Greenyer

## STOP PRESS

RESULTS OF THE ISWC POPULARITY POLL FOR 1973 JUST TO HAND:

1. Radio Nederland,
2. BBC London,
3. Voice of America,
4. Radio Australia,
5. Voice of Germany,
6. Radio Canada International.



Highlights this month include: The Meteorological Dept Station at Bangkok, Thailand on 7863kHz, Sierre Leone Broadcasting Service on 5980kHz, reliable reception of Radio Somali at Hargeisa on 11663kHz and ORTF Reunion 2446kHz is a good catch in the morning. Our "Station of the Month", Radio Afghanistan is observed on 15195kHz with programming for Europe and finally, The Voice of Chile, from Santiago has been heard in various languages on 6195kHz. From Western Australia, Craig Tyson submits a quality list of African DX, which could be used as a guide by local DXers seeking good catches from Africa as the 'season' for that continent gets underway in the next few months. Now to the listings....

ALL TIMES G.M.T. FREQUENCIES IN KILOHERTZ. UNDERLINED CREDITS INDICATE REPORTED.

FREQ	TIME	COUNTRY	PROGRAMME & RECEPTION DETAILS	INITS
2336	1933	RHODESIA	Gwelo with EE and African pops, anncts in EE and African language.	CT
2340	1200	PAPUA NEW GUINEA	Radio West New Britain, Kimbe music requests in Pidgin English, IR. Signoff 1230 giving power as 2kw. <u>SG AC</u> Over Foochow, China till s/off with full ident in EE 1230. Overall fair.	BC LR
2428	1204	PAPUA NEW GUINEA	Kavieng noted with music request prgm in English.	
2446	1628	REUNION ORTF	at St.Denis poor but steady signals with prgms of jazz, opera and light mx to after 1800 25/1. <u>BC</u> 1730 weak in FF. Noisy with some CW interf.	DL
3210	1901	MOZAMBIQUE	Radio Clube de Mozambique with EE pops & PP Anncts. Other 90 metre band Africans noted are: 3306 RHODESIA EE advts at 1840, 3346 Lusaka, ZAMBIA with African tunes at 1927, 3356 BOTSWANA Gaborones with classical mx 1907, 3370 Radio Univeraite, MALAGASY in FF with English & French songs at 1914, and 3396 Gwelo RHODESIA with short English talk 1915.	CT FF
3260	1013	PAPUA NEW GUINEA	Radio Madang fair to good.	
3300	0650	GUATEMALA	Radio Cultural TGNC vg in SS with light orchestrals. Full id & off 0730.	DL
3325	0644	ECUADOR	HCHA2 Quevedo good in SS with frequent id as "Esta es Ondas Quevedanas la emisora mas popular del pueblo.", then gives frequencies.	DL CT
3970	2136	WEST GERMANY	Radio Free Europe in Hungarian.	
3980	0657	WEST GERMANY	VOA Munich poor in German. <u>FF</u> 3990 LIBERIA VOA Monrovia at 0700 good with news & sport. <u>GF</u> (Note that VOA Munich carries the Breakfast Show in EE at this time. VOA dropped 3990 last November and channel is blocked by Radio Liberty and heavy jamming. SBC Berne is good in EE on 3985 at 0700 too. Ed.)	
3997	2115	SOUTH AFRICA	SABC Johannesburg with pops & advts in English and Afrikaans.	CT
4725	1100	BURMA	Rangoon signs on at quite good level in local dialect.	TM
4750	1647	ZAIRE	Lubumbashi with French talk. Other 60m Africans observed in West Aust: 4763 RTV CONGO in FF at 1945, 4790 SOUTH AFRICA SABC with play in EE 1650, 4830 SABC SOUTH AFRICA cricket scores at 1638, 4923 MOZAMBIQUE at 1927 with EE rock mx, 4937 Radio Clube do Moxico, ANGOLA in PP 2152, 4985 ANGOLA Radio Ecclesia PP anncts & songs 2145, 4972 CAMEROONS Yaounde in French 2147.	CT HW
4807	1704	REUNION ORTF	St.Denis with pops and African music.	JS
4835	1800	PAKISTAN	Radio Pakistan fair with news in English.	HW
4865	1800	MAURITIUS	Forestside with BBC World Service news relay.	HW
4875	1000	BOLIVIA	La Cruz del Sur, with religious prgm from 1000, 6/1.	DL
4881	0635	DOMINICAN REP.	Radio Comercial, good in SS with light mx. Mainly local songs.	LR
4890	1333	PAPUA NEW GUINEA	Port Moresby idents as National Broadcasting Commission.	DL
4895	0640	PERU	Radio Chanchamayo, La Merced good in SS with local songs & music.	CT
4905	1900	CHAD	Ndjamana popular music. <u>AC</u> 1915 Ident and talk in French.	LR
4907	1357	KHMER REPUBLIC	Phnom Penh female announcer with talks and music.	SG
4985	1210	MALAYSIA	Penang has news in English at 1240.	SG
5000	1350	NEPAL	Radio Nepal, Kathmandu logged with news in English at 1450.	MR
5010	1511	SINGAPORE	Radio Singapore in English with "Singalong" programme.	HdJ
5170	1025	CHINA	Fukien with music and talk in Chinese. Good reception.	BC
5804	1515	YEMEN	good signals in Arabic with light music prgm. <u>TM BC</u> 1930 good in Arabic.	HdJ
5920	1932	UKRAINIAN SSR	Kiev good with news & political talk in Ukrainian.	MR
5930	1815	CZECHOSLOVAKIA	Prague poor reception in English for Africa.	

FREQ	TIME	COUNTRY	PROGRAMME & RECEPTION DETAILS	INITIALS
5951	0615	COLOMBIA	Radio Super, Medellin with sports, advts, ids in SS to 0915. Dexter	NASWA
5960	1100	USSR	Radio Moscow fair in EE. JW. Very good in EE to Australia/NZ. (5995 //	PF) MR
5970	0830	CANADA	Radio Canada International news in English, vg. NC JH JW Fair.	ID DD
5975	0530	GREAT BRITAIN	BBC World Service in English from London.	JW
5980	0430	SWITZERLAND	SBC Berne fair in English.	JW
5980	1130	SABAH	Kota Kinabalu news, request music.	LR
5980	0746	SIERRE LEONE	SLBS poor-fair in EE with pops & local mx. Ident at 0800 as "You're tuned to the Sierre Leone Broadcasting Service, Freetown. The time now 8 o'clock" DL. Abrupt s/on 0746 16/1, ident, time checks & advts in EE, popular EE & Afr. music. Signal weak and speech muffled but held till fade 0823. Also noted 13/1.	BC
6006	0745	COSTA RICA	Radio Reloj has many time & ident anncts. SG 0600 4th try for a QSL.	HW
6020	1828	MALAGASY REP.	Radio Nederland, Talata Relay poor thru 2 Russians and traces of Lopik in //. Full transmitter ident on the minute to 1830 then EE to Africa.	BC
6045	1115	PERU	Radio Santa Rosa fairly good in SS over Indonesia. Programme seemed to be of a gospel nature. (Chasing Panama I'll bet, hi. Ed)	DL
6050	1945	ITALY	RAI Rome poor with English to Europe.	GD
6055	0739	CZECHOSLOVAKIA	Radio Prague Interprogramme has EE news at 7.45. Fair signals. 0745 EE on 6055 good and 9505 fair. CF. 0632 prgm is multilingual, very good. SG 0645 in French, excellent. KR 0651 mainly music programme, excellent.	IW AR MR
6055	0953	JAPAN	NSB Nihon SW Broadcasters fair in English and Japanese.	IW
6080	0715	ECUADOR	HOCJB Quito good strength in EE. SG //11915. JA 0815 'Back to the Bible' beamed to Pacific, good. CC 0830 Letterbox prgm. LR. 0930 very good in EE.	JW
6100	1847	YUGOSLAVIA	Radio Belgrade poor in English, 1830 - 1900.	MR
6105	0330	COSTA RICA	Radio Universidad scheduled to start operations 23/12, 1300-0400 GMT from San Jose.	NASWA
6135	0430	TAHITI	ORTF Papeete weak with programme in Tahitian.	DD
6135	0855	BRAZIL	Radio TV Gaucha good in PP. Full ident at 0900, then light music.	DL
6140	1050	AUSTRALIA	VLM6 Perth ABC fair with Wx. Covered by VOA at 1100.	JW SL
6145	1000	UNITED NATIONS	UN Radio, New York very good in English.	JW
6190	2030	VATICAN	Vatican Radio at good level with English at 2045.	BC
6190	0709	MOROCCO	Radiodif. Marocaine good with Arabic programme.	IW
6195	0900	CHILE	La Voz de Chile, Santiago sign-on. AG. 0945 Foreign Service in various languages. SG (Languages & length of prgms appears to vary from day to day. Ed)	
6205	0500	ISRAEL	Jerusalem fair in EE to 0515 then FF. New freq. JM. 2000 English news.	BC
6210	0800	INTERNATIONAL WATERS	Radio Nordsee vg in Dutch with advts & pops. Ident & brief news on the hour. Expected to close mid-Jan due Govt legislation but still being hrd in early February. Swiss QSL Bureau has been closed.	BC
6220	1715	MONACO	Trans World Radio rlg prgm in Hungarian, Russian at 1730, fair. New freq. JM	JM
6397v	0400	GUINEA	Conakry heard with French programming and music. Smith, Behr	NASWA
7095	0500	ISRAEL	Jerusalem good with EE then FF news. DD. GD. Fair in English.	JA
7100	0730	MONACO	TWR Monte Carlo 'Back to the Bible Hour'.	LR
7150	2030	GREECE	VOA Kavala (250kw) good with VOA Jazz Hour. (Also 7170 fair 2000 JW)	JA
7155	0600	JORDAN	Amman moderate signals with Arabic prgm.	BC
7165	1100	RYUKYU IS.	VOA Okinawa (35kw) signon in English. KR. 1120 News & talk prgm.	LR
7195	0726	ALGERIA	Algiers good in Arabic. KR 0730 Arabic prgm at only fair signal.	EC
7215	1323	BRUNEI	Radio Brunei news in English until 1330.	SG
7225	0514	IRAQ	Voice of the Public good in AA. Id: 'Sawt El-Jamaheer' every 15min approx.	IW
7225	2055	ROUMANIA	Bucharest fair reception in Spanish for Europe.	JM
7240	0612	RSPSR	Tula with 'Majak' in Russian. Opera music, news, fair - good.	HdJ
7285	0630	POLAND	Warsaw in English. //9675. Both fairly good.	JF JH
7295	0800	BOTSWANA	Radio Botswana, Gabarones in English.	Koch SADXC
7863	1030	THAILAND	Bangkok Meteorological Radio good signal in EE and Thai. EC 1128 Western mx & talks about Thailand. SG 1248 English pops & weather info in Thai & EE, DL AC fair. JM 1043 music and talk. LR. Asking for reports & cmts. Full id at s/off 1330	
9005	0110	IRAN	Teheran with nice music. SINPO 25332.	FC
9020	2000	IRAN	Teheran logged with English news, mixed with Peking.	AC
9455	0600	EGYPT	Cairo strong with news in Arabic. (Sked 0400-0655)	JS
9460	1028	NORTH KOREA	Pyeongyang good with political talk in English.	HdJ
9510	1815	TAIWAN	Voice of Free China fair in English 1800 - 1900.	MR



FREQ	TIME	COUNTRY	PROGRAMME & RECEPTION DETAILS	INITS
9510	0659	INDONESIA RRI	Ujung Pandang has station ident then news from Jakarta.	CT
9520	0852	NEW ZEALAND RNZ	Australian Service fair. <u>FP</u> 0900 Excellent in English.	ID EA
9535	2205	AUSTRALIA RA	Shepparton excellent in Vietnamese. NETH ANTILLES here 0457, TWR.	KR
9540	1200	UZBEK SSR	Radio Tashkent s/on fair-good till s/off 1230. // 11925, 9600, 6025.	NG JW
9540	0446	LIBERIA VOA	Monrovia (250kw to Europe) s/on in Polish, fair.	JD
9570	2200	MALAYSIA BBC	Tebrau sign-on in English, then News.	JD
9575	1900	MONACO	Trans World Radio, Monte Carlo good with EE religious prgm.	AR
9575	1825	INDIA All India	Radio exc in EE. 9755 poor in EE at 2015. <u>EA</u> . 1928 EE to E.Afr.	MR
9580	1830	AUSTRALIA RA	Melbourne has 'Listeners Mailbag' every Sunday. 2010 good.	SL JA
9580	1005	PHILIPPINES	Radio Philippines fair in English.	CD
9585	0845	UNITED STATES	KGEI San Francisco sermon in EE fair-good. <u>HdJ</u> 0900 good in RR.	RCh
9585	1105	INDONESIA	Voice of Indonesia poor. Blocked by Radio Australia from 1110.	MR
9605	1230	SWEDEN	Radio Sweden, Karlsborg good in EE to Far East // Horby 9630 to Europe.	RCh
9610	0400	SAUDI ARABIA	Riyadh fair with news and music.	JW GP
9610	2050	CANADA RCI	Montreal in FF to Europe. <u>CC</u> . 2100 news in EE good. <u>SL JA</u> . <u>MH</u> advises logs of 9605 strong 2130 to s/off 2155 then 9610 from 2157 to 2230.	
9625	0500	ISRAEL IBA	poor in English with QRM from Madrid 700kw on 9630.	SL
9625	0130	CANADA	Montreal Northern Service, fair. DD. 0430 good. NG. also 0550, 0830. DD	JH
9630	0942	SWEDEN	Stockholm in French with songs and an economic talk.	HdJ
9635	1930	SWITZERLAND	at excellent level with Portuguese 2000. <u>EC JW</u> has HCJB here in EE, fair.	
9645	1745	VATICAN	Vatican City in Bulgarian, then Latvian at 1800. Good.	CC
9650	0920	WEST GERMANY	Deutsche Welle in EE good // 11795, 11850 <u>all CC</u> . 11795 fairly good.	JA
9660	0900	AUSTRALIA VIQ9	Brisbane fair in EE at home, very good holidaying in Whangarei.	JH
9660	0230	LEBANON	Beirut EE Service to Nth America. QRM Brisbane & jammer. Overall poor.	JM
9670	0610	UNITED STATES	VOA Greenville (250kw to Europe) good with news & commentary.	JF
9675	1041	JAPAN	Radio Japan good with South East Asian Service in English.	PF
9695	2130	WEST GERMANY	Radio Free Europe, Munich poor-fair reception.	NG
9715	1830	KUWAIT	Radio Kuwait excellent in English. <u>JA JW</u> Exc with pops till s/off 1900.	MR
9735	1515	RWANDA	Deutsche Welle via Kigali s/on in FF to Central & East Africa. Fair.	RCh
9740	1530	ROUMANIA	Bucharest Italian for Europe mixed BBC Tebrau, poor on new freq.	JM
9745	1920	IRAQ	Baghdad fair reception in English. <u>AR</u> . 2000 poor in EE.	JW
9750	0410	TAHITI	Papeete experimental service in Tahitian. Covered by Berne 0425. JM. Weak.	DD
9760	0745	ECUADOR	Voice of the Andes HCJB EE to Europe // 9745. 11915 to Pacific 0845. Both	HW
9760	0621	WEST GERMANY	VOA Munich (100kw) with news & 'Breakfast Show'. <u>HdJ</u> 9770 at 0650.	PF
9770	0900	AUSTRIA	Wien with music programme. Over Moscow. Fair.	JW SL
9785	1953	ISRAEL	Jerusalem fairly good in EE with news 2000 // 15100. <u>DL EA</u> Russian at 2100.	PF
9840	1343	AZERBAIDZHAN	SSR Radio Baku at fair level. Id at 1400 as 'Danishir Baku'.	BC
9912	1825	INDIA AIR	Delhi excellent in EE. <u>EA</u> 2000 good to Aust/NZ. <u>AR</u> fairly poor 2045.	JA
10250	1830	ISRAEL IBA	Hebrew Service, Russian from 1900. <u>JM</u> Hebrew ident: 'Kan Shidurei mi-Yerusalem...' fair from 1831 due jamming. <u>DL</u> 2000 English news, fair. <u>AC EA</u>	
11620	1825	INDIA All India	Radio, excellent in English. <u>EA</u> 2100 EE news on the hour.	SG
11650	0238	BANGLADESH	Dacca fair-good with news, music & cmt in English.	NC
11663	1530	SOMALIA	Radio Somalia, Hargeisa fair in Somali with news, then mx to tune out 1555. Frequent idents as 'Radio Somali'. <u>DL JM</u>	
11700	1815	EAST GERMANY	RBI Berlin exc with news and commentary in German.	CC
11705	0945	NEW ZEALAND	RNZ Wellington poor under Radio Japan beamed to Sth America.	SL
11720	0030	BRAZIL	Radio Nacional, Brasilia fair in PP.	JW
11720	1140	USSR	Radio Station Peace & Progress, Moscow very good in EE // 11785 good.	JW
11730	0445	USSR	Radio Moscow good with 15 min broadcast for Africa.	NG
11735	0500	FRANCE ORTF	Paris in FF. English at 0515, QRM HCJB. NG. Back into FF 0545, good.	FC
			In // 6015, 11710, 15300, 17730. 0515 Paris Calling Africa on 11710.	CC
11745	0500	ISRAEL IBA	Jerusalem good in EE. <u>AR</u> . DD. 11725 also good with EE news.	CC JA
11760	2112	UNITED STATES	VOA Greenville fair with nx & cmt. <u>JF</u> . Philippines not sked till 2200.	
11770	1230	GREAT BRITAIN	BBC London fair with 'English by Radio'.	RCh
11790	0735	SOUTH AFRICA	SABC English Service fairly good with classical mx prgm.	DL
11815	0530	ETHIOPIA	ETIFB has English news. good signal.	EC
11825	0400	TAHITI ORTF	Papeete fair-good in Tahitian. DD. 0440 very good in French.	JC
11840	0425	CUBA	Radio Havana fair in EE. News & political talk in Spanish at 0410.	AR HdJ
11840	0340	PORTUGAL	Lisbon fair reception in English to Canada.	AR
11850	2100	AUSTRALIA RA	Shepparton in EE. Good at Te Kuiti, inaudible at home. <u>CC</u> 2307 Exc. <u>KR</u>	



FREQ	TIME	COUNTRY	PROGRAMME & RECEPTION DETAILS	INITIALS
11855	0710	CZECHOSLOVAKIA	Radio Prague fairly good in EE. JH. 0730 fair with mx in EE.	JF JA
11855	1700	SAUDI ARABIA	Riyadh s/on in EE for Nth Africa & Nth America. Good to Exc. News 1945,s/off 1955. NOT experimental. NG. 1920 EE talks and music.	CD
11860	0800	NORWAY	Radio Norway, Oslo English on Sundays. SG. 0815 'DX Radio Norway' good.	NC
11860	2100	CANADA	RCI Montreal good in English. JW. 2146 English Service very good.	PF
11865	1435	ETHIOPIA	ETLF Hindi to India, talk & Indian mx. Closing annet in EE. New freq.	JM
11875	0930	JAPAN	NHK Tokyo good in EE to Aust/NZ //15235.	ID JH JF
11875	1815	PORTUGAL	Lisbon s/on in French, very good. JD. 1910 fair in English.	JW
11885	0800	AUSTRALIA	RA via Brisbane to Papua New Guinea moved from 11880. RCh. 11880. ID	JA
11890	0934	PHILIPPINES	FEBC Manila fair with news in English.	ID
11895	2005	UNITED STATES	WYFR Family Radio good with religious prgm. JD 2015 fair.	JS
11895	2340	SENEGAL	Dakar with instrumental mx prgm, mx in FF at 2358,s/off with anthem at 0002. Poor reception.	JM
11900	0515	SOUTH AFRICA	Radio RSA General Service in EE to Africa, fair. Unusual reception in Sth Aust. RCh. 1956 Fair in French to Europe.	CD
11915	0435	BELGIUM	Brussels Dutch to Africa, poor as mixed HCJB. New freq noted 19/1.	JM
11935	0715	PORTUGAL	Lisbon good in English to Africa.	SL
11935	0704	SOUTH AFRICA	Springbok Radio fairly good in EE. Serial 'Another Man's Future' 0715 'Hospital Time' request prgm, into Afrikaans 0730. Many advts. DL Fair 9/1.	BC
11960	1945	ETHIOPIA	ETLF request prgm Sundays till close 2015. SL. 2000 Gospel mx, EE. JW	PF
11965	0001	FRANCE	ORTF Paris fair reception in French.	AR
11970	0413	SOUTH AFRICA	Radio RSA poor-fair in Swahili. HdJ 0515 General Service in EE.	RCh
11985	0700	ALBANIA	Radio Tirana excellent with news in English.	AR
12050	0710	ISRAEL	Jerusalem Hebrew H.S. relay mixed with Russian. Poor on this new freq.	JM
14860	1005	GEORGIAN	SSR Tbilisi fair with classical music prgm.	FC
15080	1825	INDIA	All India Radio excellent in English.	EA
15125	0200	TAIWAN	BED60 Taipei VOFC fair with EE to Nth America. (17720 vg EE to 0350 CH)	RCh
15130	2330	UNITED STATES	WYFR Family Radio rlg prgm in Spanish. EE id hrly. Also 15215 0005/	
15140	2130	CUBA	Radio Havana signoff in English ex 15155. MH.	HW
15165	1157	DENMARK	Copenhagen good with Church Service on Sundays.	SG
15170	1230	ETHIOPIA	ETLF with EE ident, then Mandarin. New frequency.	RCh
15170	0400	TAHITI	ORTF good reception in Tahitian with Island music.	DD
15190	1330	ETHIOPIA	ETLF Radio Voice of the Gospel good with news in English.	JD
15195	1103	AFGHANISTAN	Kabul has German to Europe till 1130 then English till 1200. A new transmission and this issues STATION OF THE MONTH.	JM
15220	0800	SOUTH AFRICA	Radio RSA poor in EE to NZ. CD Good with news in EE.	AR
15250	1830	SAUDI ARABIA	Riyadh in Arabic till s/off 1901. New frequency.	RCh
15260	0713	JAPAN	Far East Network Tokyo with syndicated pop prgm 'RCA Get-together'. Id at 0730: "This is the Far East Network, Tokyo, 15.26 megaHertz." Fair.	DL BC
15290	2313	PHILIPPINES	VOA Pero/Tinang (250kw) fair in English.	JS
15305	0928	HOLLAND	Radio Nederland, Lopik vg to Far East //15420 and 6045 & 7210 to Europe. DL Good JW 15420 SL Both frequencies - AC JH.	
15335	0630	SOUTH KOREA	Seoul vg in English. NC CM 0649 political talk poor-fair. HdJ. New transmission in SS noted 0430 - 0500 with fair signals 6/1.	JM
15365	2020	CANARY ISLANDS	RNE relay interval signal, opening 2030 in Spanish. Poor.	PF
15385	0000	PHILIPPINES	FEBC Radio International in EE. Nx at 0030. Gospel prgms, 15440. CC	CD
15410	1415	RWANDA	DW relay from Kigali good at s/on in Amharic.	RCh
15420	1700	ECUADOR	HCJB Russian rlg prgm to 1730 then into English. Poor on new freq.	JM
15455	1230	BANGLADESH	Radio Bangladesh good with news in English.	AR
17710	0800	JAPAN	NHK Tokyo good in EE to Europe. //17825 fairly good.	JH
17715	0955	GREAT BRITAIN	BBC Russian Service with replay of Royal Wedding fair-good.	HdJ
17720	1358	ISRAEL	Jerusalem good at s/on in RR to 1500. Strong het interference but no jamming.	JM DL
17720	1030	FRANCE	ORTF Paris poor with 'Paris Calling Africa'. SL 1037 poor in EE to 1100.	MR
17735	2220	CUBA	Radio Havana news & propaganda, good reception.	GP
17735	1120	GERMANY	Radio Free Europe has 'Music Box' on Sundays. Good signal.	SL
17770	2035	NEW ZEALAND	HRZ to Australia. PF 2300 'Mailbox' in EE exc.	EA NC
17775	0958	INDIA	All India Radio good in EE. PF 1053 vg in EE to s/off 1100.	MR
17785	0315	TAIWAN	VOFC Taipei in English till s/off 0320.	AC
17820	1630	CANADA	CBC Northern Service fair with news and sports.	DD
17830	1110	SRI LANKA	Colombo All Asian Service good in EE. CD. 1130 Gospel prgm - exc.	ID

FREQ	TIME	COUNTRY	PROGRAMME & RECEPTION DETAILS	INIS
17830	0530	PAKISTAN	Karachi good with news in English.	CM
17830	1915	NETH.	ANTILLES RN via Bonaire good in Arabic. <u>EC</u> . 2057 fair in French.	FF
17840	1000	VATICAN	Vatican Radio poor in English.	RCh
17850	0645	ROUMANIA	Radio Bucharest poor in English.	JW
17880	0400	JAPAN	Radio Japan good with General Service nx in EE. Very good at 0600.	DD
17880	0915	MALAYSIA	BBC Relay at Tebrau good reception.	JA
17890	0018	UNITED STATES	VOA Bethany strong signal with 'Breakfast Show' //17785.	MH
21460	1000	BELGIUM	RTB-BRT good in French. <u>JW</u> Light mx prgm in FF. Weak signal.	FF
21480	0758	MALAGASY REP.	Talata relay of Radio Nederland fair into Indonesian. <u>CD</u> . 0948.	HW
21500	2300	UNITED STATES	AFRTS via Delano poor level with news.	RCh
21505	0914	USSR	Radio Peace & Progress good in EE, cmtry. <u>HdJ</u> also 21600 at 0914 good. <u>SG</u>	SG
21510	1100	SAUDI ARABIA	Riyadh good signal with Arabic programme.	EC
21540	1150	HOLLAND	Radio Nederland, Lopik fair-good with talks & music, in Dutch.	HdJ
21540	0920	RWANDA	Deutsche Welle, Kigali fair in English.	GD
21545	0800	SOUTH AFRICA	Radio RSA Johannesburg good in EE with news to NZ.	AR
21585	1055	SWITZERLAND	SBC Berne poor due splatt Paris 21580. 21520 very good signal.	CP
21600	1200	WEST GERMANY	Deutsche Welle, Cologne EE prgm at moderate level.	GP
21605	1746	KUWAIT	Radio Kuwait news and music. Reception good.	EC
21610	0857	GREAT BRITAIN	BBC World Service poor-fair. <u>FF</u> good at 1000. <u>EC</u> . 21710 at 1042. <u>HdJ</u>	HdJ
			poor to fair. At 0815 Sundays World Radio Club on 21710.	SG
21660	1115	INDIA	All India Radio fair with 15min prgm in French.	RCh
21730	0230	PAKISTAN	Radio Pakistan exc with EE news at dictation speed. <u>AR</u> . Overall fair. <u>MR</u>	MR

CONTRIBUTORS TOTALLING 36 THIS MONTH! CERTAINLY A BUSY & SUCCESSFUL DX HOLIDAY FOR MANY!

JF Jack Farrow	DD Des Davey	DL Dene Lynneberg	BC Bryan Clark	JM John Mainland
NG Nigel Greene	IW Ian Wells	JA Jonathan Aitchison	JD John Durham	NC Norman Clover
EA Erin Ardley	CP Chris Pike	SG Steven Greenyer	JS Jack Searle	GP Graham Pont
AR Alan Robson	TM Tony Marr	CC Colin Campbell	FC Fred Clements	KR Keith Rogers
AC Arthur Cushen	PF Paul Frost	CM Chris Mackerell	JW John Watson	JH John Hillier
MH Mike Highley	MR Murray Robson	LR Lindsay Robinson	SL Stan Larking	CD Charles Douglas

From Australia: HW Harry Weatherley HdJ Hans de Jong EC Eric Carter RCh Robert Chester and CT Craig Tyson.

Exchanges: North American SW Assn American SW Listeners Club South African DX Club.



## Utilities

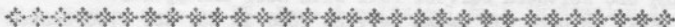
In this month's mailbag we welcome back KEITH ROGERS of Lower Hutt. His postie has dropped in with a QSL from Chinese Government Radio Administration, Taipeh 17688.

Thanks to Keith and FRED CLEMENTS, Wellington for the following trail. Frequencies in kiloHertz, times are GMT.

15.8kHz (How low can you go?) Russian UMS call in CW at 1100 GMT. FC

4330	0930	CCS Naval Met. Station, Chile in CW.	FC	11230	0835	US Services Manoeuvres	FC
7335	0954	CHU Canadian Time signal station.	FC			callsigns included Port	
8000	0950	JG2AE Tokyo time station.	FC			Wine, Yoghurt, Pokerface,	
8738.4	0648	Cyprus Radio Coastal Station.	KR			Verbo 59, Demijohn.	FC
8757.6	0843	Poland Gdynia Radio Coastal Station.	KR	11465	0615	Kuwait PTT fv in EE, AA.	FC
8525	0930	Call in CW, 8-17-GZQSQX, who?	FC	11655	0618	Papeete PTT fv in FF.	FC
9200a	1330	'Deepfreeze' NZ & Antarctic stations.	FC	12510	0752	GCM Chile new met stn?	FC
10255	1020	TND in CW Marine Met station? at Brazzaville, Republic of Congo.	FC	16090	0737	French Telecom Service, Noumea fv. Also 20100.	FC
10480	0555	Tel Aviv P&T&R Admin male voice test.	FC	20224	0416	Hong Kong C & W tape id.	KR

Abbreviations used: CW continuous wave or morse. fv female voice. C & W Cable and Wireless.



# ARTHUR CUSHEN'S SHORTWAVE REVIEW

19

The Voice of Chile has been heard in English and seven other languages in its new international service.

KGEI has extended its operation and is now broadcasting 24 hours a day with programmes directed to Latin America and the Far East.

ALL TIMES IN G.M.T.

FREQUENCIES IN KHZ

AUSTRIA Vienna now has a mailbag programme called Post Box 700 on Sundays at 1830 on 6155 and also on Monday at 0830 on 17850.

CHAD Ndjamana is heard on 4904 at 1850 with English-French lessons at good strength. Popular music is played on Sundays in place of the lessons.

CHILE La Voz de Chile, Santiago is being heard with a new international service from 0900. German has been heard at 0900, Italian at 0920, French 0945, English 0955, Spanish 1010 although this format has been varied with German heard at 1000. The station announces as broadcasting in the 19, 25, 31, and 49 metre bands and best reception in New Zealand is on 6195. Other frequencies are 9510 15150, but the 25 metre outlet is unknown. Reports are requested to Voice of Chile, Casilla 244V Santiago Chile.

ETHIOPIA ETLF Addis Ababa is being heard on 11815 with English news at 0530, followed on Saturdays at 0540 with a request programme for Nigeria. The second transmission to West Africa is on 11960 with English news at 1930 and sign off at 2015.

INDIA AIR Delhi broadcasts to Australia and New Zealand 1000 - 1100 on 11775 15205 and 17775; and from 2045 to 2230 on 7260 9912 and 11740.

INDONESIA Radio Permerintah Daerah operates on 4650 and closes at 1600. According to a verification card they also use 3430 and the schedule on 4650 is 2325 - 0200; 0630 - 0745; 0925 - 1130; 1215 - 1300; but it is known that transmission runs as late as 1600. The station's address is P.O. Box 25, Pematangsiantar, Sumatera, Utar, Indonesia.

IRAN Radio Tehran using 9022 has been heard with English at 2000. Some QRM comes from Peking on this frequency.

ISRAEL Israel has been heard with a DX session and mail bag programme on Saturdays at 2030. The latest English programme schedule is: 0500 - 0515 on 6170 6205 7095 9495 10250 11725 15100. 1130 - 1200 on 10250 15100 15130 17710. 2000 to 2045 on 6170 6205 7095 7280 9009 9495 9785 10250.

PAPUA NEW GUINEA Radio New Ireland, Kavieng on 2428 uses 2 kw and operates 0745 to 1230 Monday to Friday and 0645 - 1230 Saturday and Sunday. The address is Radio New Ireland, P.O. Box 140, Kavieng, New Ireland. According to the station manager, Joseph Gohan, they have a staff of five women and ten men and eventually will employ 21 people. Programmes are in Pidgin, with music mainly from New Guinea, the Islands, and Country and Western.

PAKISTAN Karachi has been heard using the new frequency of 21625 with Urdu programmes at 1000.

PORTUGAL Trans Europe at Sines is to relay the CBC from March 3 to the following schedule: 0345 - 0400 on 6015 7285. 0330 - 0400 on 9615. 1445 - 1600 on 11970 and 15160.

SAUDI ARABIA According to a verification letter and card some new frequencies are in use and these include 9625 from 0500 - 0800; 21510 from 0800 - 1600; 15205 from 0900 - 1600; 6080 from 1600 to 2300.

SAHARA Verification of the medium wave 50kw transmitter gives the schedule in Spanish as 0559 - 0800, 1100 - 1900, 2100 - 0115. Frequencies on SW are 7230 10kw and 4826 5kw.

THAILAND Bangkok Met Radio on 7863 10kw has extended its schedule to 0000 - 0330 and 0600 - 1330. Weather, shipping news, English & Thai music. Good when closing.

U.S.A. KGEI heard to Latin America on 9615 closing at 0700. Heard again at 2145 on 15280.

# ..sign off

RADIO "MONOPOLY". The French company SOFIRAD (99% owned by the French State) owns 99% of the shares in Andorra-based Sud Radio, a commercial operation in French on 818kHz with 900kw. SOFIRAD also owns 83% of Radio Monte Carlo 1466 kHz with power soon to reach 1200kw. In turn, Radio Monte Carlo owns about 60% of SOMERA, the operators of the station at Cape Greco, Cyprus 1232kHz, presently 20kw (sic) and due to increase to 600kw in 1974. The remaining 40% in this station is owned by the ORTF!

M.Louis Aubree via NRC

COORDINATED UNIVERSAL TIME. If you hadn't noticed WWV and WWVH the American time stations on 2.5, 5, 10, 15 etc MHz have been announcing time every minute since 1 January using this term instead of GMT. 'The games the same, only the name has changed!'

BELGIAN RADIO. Reception reports for shortwave broadcasts from Brussels should in future be exclusively addressed: RTB - BRT Relations Internationales, QSL BUREAU, Tfc Mgr: R.Allard (F.466), Place E.Plagey 18 - B-1050, Bruxelles, Belgium.

RTB via Jack Searle.

VOICE OF REVOLUTION, CONAKRY's schedule from Republic of Guinea is, as at January 11, 1974, 1230 - 0830 GMT on 1403, 4910, 6390, 7125 and 11965kHz, 1230 - 1300, 1600 - 0830 on 9650kHz, 1230 - 1600 GMT on 15310kHz.

John Mainland.

THE PLOT THICKENS. David Ricquish is at it again! The mystery French station on 1425kHz (see December "Sign off") has been QSL'd by the ORTF Paris as being located at Acoupinie, New Caledonia with 4000 watts on 1420kHz. No such place can be found on a detailed map of the island and both ORTF Noumea and the authorities in New Hebrides denied knowledge when queried last year. David is still not satisfied with a 'QSL' and his investigations will continue. It is certainly curious that no other member has ever heard this station as David claims reception is quite regular.

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.



DONATIONS INVITED FOR THE LEAGUE EQUIPMENT FUND. FULL DETAILS IN THIS ISSUE.

## 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.

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Annual Subscription: \$4.00  
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## BUY & SELL

FOR SALE: TRIO 9R-59 COMMUNICATIONS RECEIVER IN GOOD CONDITION. WRITE TO D.H. DAVEY, 16 VIEW ROAD, TE KUITI.

WANTED BY INTERNATIONAL TAPESPONENT, (CASSETTE ONLY), CHEAP USED OR UNUSED CASSETTE TAPES. SEND PRICE DETAILS TO J.E.HILLIER, 5a KUMMER CRES., MASTERTON.

RADIO VALVES. I have a large number of older type radio valves in my possession, including American 5, 6 & 7 pin 2.5 & 6 volt types, Octals, loctals, English 5 & 7 pin, Philips 'P' base, Rimlocks & others. Anyone needing an obsolete type of valve to get their old set going, is invited to drop me a line. A.R.Williams, 188 North Street, Timaru.

FRENCH RADIO IN ENGLISH. The current schedule of ORTF Paris in English is: 0515 - 0545 GMT on 6015, 11710, 9680, 11735, 15300, 17730kHz; and 1030' - 1115 GMT on 15155, 15300, 17720 & 21580kHz.

David Osborne

CLOSING? Radio Free Europe's days may be numbered if the US Government ceases financial aid in the interests of East-West Detente. Meanwhile the BBC Far Eastern Relay station in Malaysia is to close down at the request of the Kuala Lumpur Government who wish to maintain a neutral role. Brunei has agreed to resiting of the station on its territory.

BHUTAN in the Himalaya Mountains north of India is a new country on shortwave with the National Youth Association of Bhutan, Thimtu heard 0730 - 0930 or 0830 - 1130 on Sundays only on 7050kHz in English & local dialects.

G.P.Singh, S.K.Ghosh SCDX.