



NEW ZEALAND DX TIMES

Volume 25 No. 4.

December, 1972

Big Changes for Australian Radio

The Australian Government has accepted in principle, the Broadcasting Control Board's recommendations for the introduction of Frequency Modulation Broadcasting (FM). Preliminary planning will start immediately and is expected to take 3 years, with applications for station licences to be called in 1976.

Recommendations accepted in principle are:-

- * FM Broadcasting will provide a second regional service for the ABC, covering, as far as possible, the entire population;
- * An FM station devoted mainly to broadcasting fine music, will be operated by the ABC in the state capitals;
- * Provision will be made for commercial FM stations throughout the country.
- * Establishment of 'Public Broadcasting Stations', conducted on a non-profit basis, to cater for educational, professional, musical, religious and other like interests.

In his Ministerial Statement, the Australian Postmaster-General emphasised that "the introduction of FM will not be permitted to hinder such further development of the present medium frequency services as may be possible...". He continued, "the possibilities of this band are very limited, but...they should be developed to the maximum possible. However, FM represents a significant advance in broadcasting techniques, and when it is developed...in the UHF Band, where sufficient space is available for many stations, it will offer a broadcasting service which...will serve this country's needs for entertainment, information, and education, for very many years".

As far as the DXer is concerned, any development which may take the burden off the already crowded AM broadcast band is to be welcomed, but potential FM DXers will perhaps be disappointed by Australia's adoption of the UHF Band (174-223 MHz) as the VHF FM Band has already been allocated to TV (Channel's 3 to 5). The local electronics industry will have a market free from overseas competition in supplying UHF Broadcast Receivers and Transmitters.

Australia's decision for FM has been greeted with much interest by local advocates of 'better broadcasting' and it is to be hoped that FM services in New Zealand will closely follow the introduction of our second TV Network.

CLOSING DATE FOR NEXT ISSUE: WEDNESDAY 3 JANUARY

From Headquarters

2

OVERSEAS SUBSCRIPTIONS: The following rates now apply for overseas members:-

Worldwide Surface Mail: NZ\$4.50 A\$4.50 US\$5.45

Australia Airmail: A\$5.25

North America & Asian/Pacific Basin Airmail: NZ\$6.50 US\$7.90

Remainder of the World Airmail: NZ\$7.50 US\$9.10

NZRDXL 25th ANNIVERSARY COMPETITION: We are pleased to announce a competition to celebrate our 25th year, to be run in two sections, Broadcast and Shortwave.

Rules: (1) Entrants will verify one(1) station from each of twenty-five(25) countries for each section.

(2) Verification rules of NZRDXL must be adhered to.

(3) For this competition only, re-logs are acceptable and, of course, must not be considered for entry in the League Ladder Competitions.

(4) All stations logged must have been notified in the Times in the month following and then again at time of QSL.

(5) All stations must be logged during our Anniversary Year 1973 and entry of QSL's be in the hands of the Competitions Secretary, NZRDXL P.O.Box 1313, Invercargill, before 30th June 1974 and should include all relative details as required for Times B.O.M. entries.

(5) This competition will not have an outright winner, but every entrant successfully completing the course laid down, will receive the NZRDXL 25th ANNIVERSARY CERTIFICATE.

FROM THE BRANCHES

SOUTHLAND

The November meeting was held at Irene Simpson's with 13 present. After business and arrangements for the Christmas party were completed, Neville Henry spoke on his work at Awarua Radio and his recent communication's course in Dunedin. Arthur Cushen played a tape of American stations recorded in 1960, ranging from 250 watts to 50 kilowatts, and comparing Yank reception with present-day conditions. Competition Results: BC to Sutton Burtenshaw WPHB 1260 5kw Merit Ray Crawford WSZO 1440 1kw. SW Over 9, Lindsay Robinson Vienna 21585 Under 9, S. Greenyer YSS 5980 and Arthur Cushen YVSB 6010, first equal.

NORTH OTAGO

10 were present at the shack for the November meeting, with discussion on plans for next year's AGM. A branch competition has been arranged, to run until next March. Guest Sid Wedge presented slides of the U.K. and the evening concluded with DX on Jim Smyth's Hallicrafter and Kenneth Spence-Ord's Sanyo. A special Christmas Party is to be held on 21 December.

CANTERBURY

Main topic of discussion at the November meeting was plans for renovation of the branch bach. On a subsequent working-bee, the inside of the bach was washed down and repainting half-completed. Branch Labour Weekend Contest winners were Dave Dwyer (BC) and Nick Kendall (SW). Competition Results: BC N.Am CKLG Dave Dwyer, Open Saudi Arabia Nick Kendall, ANZ 6DB Lance Johnston. SW under 9 also to Lance with Congo 3232, Over 9 Finland 21595 to Dave and Nick!

WELLINGTON

11 were present at the November meeting to participate in a quiz organised by John Mainland, and won by Dene Lynneberg. The branch will visit Wellington Polytechnic in February to witness a transmission via satellite with the University of Hawaii. Competition Results: WVON 1450 George Masson, SW Senior to John Mainland with RSA 25790 and Dakar 4890. Junior Fred Humphries RNI 6205. Utility to Keith Rodgers Helenic RT 17314.5.

Conditions appear to have been fair, with the 11th November being exceptional for Central-Eastern U.S.A. Japanese stations have been making an appearance between 8 and 9.p.m., being particularly good on the 24th and 28th. Next month I hope to have ready, an article covering all aspects, I hope, on building and using a good box-loop which really works well, covering the full BC band. Also I have just received a 'Worcester Space Magnet 2 De Luxe' loop which is a transistorised, shielded 12 inch ferrite loop with provision for tilting for better nulling. Early indications are that although it is a well engineered product, weaker signals which are audible on a conventional loop, tend to get lost under the transistor noise of the built-in pre-amp. It does however cut back TVI and electrical noise, and would be good in a really noisy location.

GAY STEVENS, Christchurch has logged WMAQ 670 and KBOI 670 with a lone QSL 3WV.

MERV BRANKS, Invercargill has 2 veries for the month 2NC and 2MO plus a mass of material from KOA including a key ring in the form of a gram record. Reported are JORR 740 and RBC English outlet on 880. plus 20 frequency changes and rewrites. Thanks Merv. 1450 is my favourite channel...but....

NICK KENDALL, Christchurch has logged WSZD 1450, Peking 1400, CKWX 1130, Burma 955, KMEN 1290, KHSL 1290, KGV0 1290, KPOL 1540, KEX 1190, 3CS, 7ZL. Veries in from Hong Kong 545, Moscow 1250, KORL 650, KTSA 550, Rhodes 1259, Thailand 1580, France 1554.

RAY CRAWFORD, Invercargill has logged VQO 1030, with veries in from WSZO 1440, JOQM 1450, HJKL 610, HJXJ 650, HJKH 770, WWL 870, KUHL 1440, KGLO 1410; Thanks Ray. All the best for Xmas. How's the AR88 ?

FRANK WILSON, Dunedin has had a lean month with one report to KACL 1290, and one verie 3MA 1470.

MICHAEL POLLARD, Temuka has them away to 4XO, 4BC, 2NZ, with QSL's in + from 4ZB, 4XO and 2NZ. Thanks for kind comments Mike !

SINCLAIR BENNETT, Christchurch has logged nought, but QSL'd 2CH and 2KO. More next month ?

ALAN CRAWFORD, Invercargill has reported nil, but verified 2GN, 4GR, 5CL, 3CS, KNX, Radio Singapore 790.

ROBIN CHAMBERS, Opuake has reports to KICY, 6BS, JOPG, Malacca 1160 and JOUB. Veries: Tomsk 1025, KICY and Zahedan 777. Thanks Robin - like to try your aerials some time !

CLIVE ALLEN, Palmerston North has reported KHVH 1040, KNX 1070, and 2WL. Your 670 one Clive was probably KBOI.

YOUR EDITOR, in Upper Hutt has logged WVON 1450 and been rewarded by KBOI 670, XECO 1380 (after 13 months), KAYE 1450 and WVON 1450 which is the eleventh 250 watter verified on 1450 !

MICHAEL SMITH, Matamata has logged KORL 690, KUAI 720, KOA 850, KING 1090, KFBK 1530, Chelyabinsk 737.

STAN LARKING, Whakatane in XX country has logged CMKV and HIKU. Nil rewards. Not the only one this month Stan ! Thanks for remarks.

DAVE DWYER, Christchurch has logged JOAK, KCBS, KABL, CBR 1010, WSZD 1450, KHAI, KMVI, VSZ1 844, 5AU, CJOR, 5LC, KRAK 1140, A3Z, VOFA 1580, VOA 1140, 1259, 4YZ, Fiji 1320, WVUV, AIR 1130, XERF, Tahiti 740, Pyongyang 655, ZK1ZC 600. QSL's in from KMEN JOQR 5AU JOPC WGN KTRN. Many thanks Dave - you've + been busy !

LINDSAY ROBINSON, Invercargill has them out to KHVH. Reward KHVH. "static" month so they say !

BRYAN CLARK, Wellington has logged JOHR 1290, JOIR 1260, JOAR 1050, JOUB 770, with 2nds to VL2NI, WLW and WUNI. Verie from KHAI and a refusal for KIKI 870. Alan Roycroft says my ears must have been

"screwed up" as KAIM is still assigned to this frequency. Sorry for the false alarm in last month's trail but I still have a log of a Hawaiian on 870 19 October with definite ID of KIKI three times during the monitored period.

YNGVE MATSSON, Sweden, gives his loggings from the Northern Hemisphere as KXEL 1540, KSL 1160, KSNP 1170, CFRW 1470, KKHI 1550, KLAK 1600, KOMO 1000, KING 1090, KOIL 1290, KOTA 1380, KRKO 1380, WBAY 1360, WOAI 1200, KLO 1430, KOSI 1430, CKVN 1410, XEDM 1580, WAXC 1460, WERE 1300, WFBR 1300, KRED 1480, KIMN 950, KOA 850, JOWF 1440, JOHR 1290, JOQL 1400, JOIR 1260, JOFR 1270, JOQR 1130, JOSF 1330, HLKP 1400, DWWW 1280, JOIF 1410. QSL's ??

ROBERT CHESTER, South Australia has reports out to JOIB, HLKG 745, 3AR, 5LC 2NB 2GF 2TM 4BK 6KG 53E 1300. QSL's: 6KG 2TM 2GF 2NB 5LC. Will give some thought to GMT question.

BRIAN WITHERS, Twizel has a QSL from 3CV with sticker, and others from KHSL 2GN and KING.

GRAEME SHILLITO, Karitane has logged 2BE, CKWX 1130, WSZD 1450, WSZO 1440; QSL's in from WSZO, RMC Cyprus 1232, 1ZA, 1ZK, 2UH, 5SY XEGO KMVI and 4AY. Conditions similar here Graeme.

TONY KING, Wellington, has one out to JOUB 770.

ARTHUR CUSHEN, Invercargill has a lone verie from 9MD 860.

SUTTON BURTENSHAW, Invercargill has logged 2NC 4MB 4MK 6BS 6PM 6PR KUAI KOKY 2nd. Veries in from 4MB 6PM 7AD JOHK HLKB KYXI KTRN WVOJ WPHB YVKZ with pennant. 1260 has been interesting lately. I just love those auroras!

KEITH BARTON, South Australia has reported 5SE simultaneous on 1370 and 1300 on 3 November day of freq change. Also 8DN. QSL 8DN.

ARTHUR WILLIAMS, Twizel closes the 4 mailbag with logs of WOAI 1200 and KHAI 1080. QSL from KABC. Booster problems, problems, problems.....



BEST OF THE MONTH

SENIOR

1st - WVON Cicero Illinois
1450 khz, 250 watts
166 points.
George Masson.

2nd - WPHB Phillipsburg, Pa.
1260 khz, 5kw
148 points.
Sutton Burtenshaw.

JUNIOR

1st - KTRN Wichita
Falls, 1290,
1 kw. 133pts.
Dave Dwyer.

2nd - KTSA San Ant-
onio, 550,
5kw. 121 pts
Nick Kendall.

DX-CLUSIVE

Specials organised by the Newark News Radio Club will be aired by the following stations. N.Z. Times.
Mon 18 Dec. 8.30 p.m.
WEKR 1240 Fayetteville, Tenn. (250)
Sun 14 January 6.30 - 9 p.m.
WJDX Jackson, Miss 620 khz 1 kw.
Mon 12 Feb 7 p.m. onwards +
KWHN 1320 Fort Smith, Ark. 5kw
Mon 2 April 7 p.m. onwards
WRAN 1510 Dover, N.J. 500watts
(From IRCA 'DX Monitor')

BROADCAST TRAIL

5

EVENING

610 KUAM news good 9.08.p.m. BC
 620 KGW 7.41. FAW
 650 KORL 8.30 SB
 680 KNBR 8.55. SB
 700 WLW 7.20. GM
 720 WGN over KUIA fighting
 4YZ GM
 770 KOB strong news 7.55 BC GM
 JOUB Akita Japan 500kw
 at strong level with Eng
 lessons 9.30. Eng Nx 9.55.
 Clear ID 10. BC AK GM RCh.
 780 KCRL Orch thru 4YA 8.10 GM
 800 PJB opening 10. Heard 12.
 850 KOA good ID 8.11. BC FAW
 870 WWL 8.50 religious SB
 880 KRVN 11.15 with Aussie GSh
 900 CJVI under 4YA teletalk
 7.15 GM
 910 KNEW good 7.51 BC GM
 930 Fiji 2 over 1XW 7.58 BC
 950 XEGM good Spanish 8.15 BC
 JOKR 9.30. fair BC
 1010 ? Spanish (not Peru) 8.50.
 (SB) R. America 8.17 BC
 JONR fair 9.25 BC
 1030 KTWQ call good 7.10 RCh
 1050 WHN good Mx 8.20. GM
 JOAR commercials 9.25 BC
 1080 KRLD over KHAI SB
 1090 KING 8 strong GSh
 XEPRS 8.30 SB
 1110 KRLA 8.15 fair SB
 1120 WVUV good 8 SB GM
 1160 KSL 8.10 over NZer SB
 1170 KVOO 8.30 (SB) KLOK 8.15
 temp ann (MB) KOHO laterMB
 1190 KEX 7.35 (FAW) JOKP fair
 9. SB
 1210 KGYN under 4XO 9.45 GM
 1260 JOIR Vg 10 BC
 KGIL good 8 FW GM SB
 CFRN 8.32. sports nx SB
 1270 CHAT 7.26. (FW) KNDI 8.40
 JOFR fair 10.06 GM
 CHWK 8.30. 'Fraser Valley'
 1290 KMEN 8.35. (SB NK) Canadian
 news mentioning Regina SB
 KHSL ID 8. (NK) KGVO ID
 8.20. (NK) JOHR over 2TM
 8.32. BC
 1300 KOL 7.30. (FW) KYNO-KOL
 8.50. SB

1320 CHQM 8.50 (SB) KCPX 7.32. (FW)
 KXYZ 8 (FW)
 1330 KFAC 8.30 classical (GSh GM)
 with Nx Sport Wx 9 MBr
 KPH 9.13. (SB) JOSF 9.18 BC
 1380 KRKO KTOM 7.40. (GM) KTOM
 7.55. Nx Wx s/off 8 SB
 WLCY 8.30 SB
 1390 KGEY 8.20 fair with 1ZT GSh GM
 1410 CKVN good regular 8 GM BC SB
 WUNI good 28/29 Nov 7.55 BC
 JOIF thru 2K0 9.05 BC
 1440 KOKY 12.30. Nu Clear Nx SB
 WHHY 1130 Nx and Wx SB
 KPRO 12 call heard SB. CFCP
 before midnite SB
 1450 WVON Soul mx 7.45. ID 7.55
 11/11 GM
 Jap heard 9 (BC) WSZD 7.45 NK
 WSZD 11.15 G & W GSh
 Unid s/off SSB 8.10 GM
 1470 KXOA 9.06 Wx SB
 1490 CHYM 8.30 Kitchener Wx Bureau
 SB/ KDB on top 7.20. RCh
 1500 KSTP under Taupo 8 GM
 1510 KGA WLAC 8.30 SB GM
 1520 KYXI Wx Nx 8.44 BC
 1530 WCKY CBS Nx 10.55. SB
 KFBK Warriors Sports Net 8 BC
 1540 KPOL 8.20. regular SB GM
 1570 XERF CHUB 7.25. (GM) VL2NI
 7.15 to 8.35 almost reg Suns.
 1580 KDAY 8.20. GM SB
 1590 WAKR Under Radio I 8.30. SB
 KLIV under I 7.55 GM
 1600 KATZ 9 UPI Nx from the all nu
 KATZ. (SB) Heard weak 7.45 GSh

MORNING

650 KORL 1.48 FW
 670 JOBK good 2.30. RCh
 KBOI 2.30. FW
 680 6BS Excellent to s/off 4 RCh
 740 JORR RBC Okinawa s/off 4
 then celeste for 5 mins then
 2 ID's. MB
 850 KICY good 4.20-4.45. then
 faded RCh
 KOA 1.16 FW
 880 KRVN 1.16. (FW) JO-- RBC out
 English at 4.30. MB
 940 KFRE 2.40 FW
 955 Burma fair 3.30 with ID NK
 980 KFVB 1.35 FW

MORNING TRAIL Continued

990 KKIS 2.33. (FW) CBW 1,12. FW
1040 KHVH 4. (CA) and 1.25 (FW)
1070 KNX Los Angeles 24 hr. All
news CBS. 'News Radio 1070'
for those who have yet to
hear their first Yank try
after 12B off. A sitter.
1120 KPNW 1. FW
1130 CKWX Nx good 1 and 2. NK FW
1150 JOPC fair good s/off 3 RCh
1160 Malacca in Malay with requests
3 - 3.30. RCh
1250 Moscow 12.36 CA
1260 CFRN 2.09 FW
1290 KACL 2 opening 18/11 FW
KMEN 2.06 FW
1440 KOKY 12.30. Nu Clear Nx SB
KUHL 1.59 FW
1530 KFBK 2.36 FW

DX FORECAST

December

North Americans: 7.30. to 8.30.
p.m. with Pacific States
peaking 2.30.a.m.

Central America: 8 to 9.p.m.

Pacific Is: Peak 8.30.p.m.

Hawaiians: Good 3.30 to 4.a.m.

Asians: From 8.p.m. Philippines
around 10. Often VG 3-4.a.m.

Canary Is sometimes brief appear-
ance 8 to 8.45.p.m.

January

USA: Conditions could favour any
part of States 7.30 - 9.p.m.
Pacific Coast midnight to
3.30.a.m.

Europe: From 7.30.p.m late in
month watch split freqs
for reception from area
Portugal/Madeira/Canary Is.

Asia: Peak 8.30 to 9.30.p.m.

Hawaiians: 3.30. - 4.a.m.

Far East Russians also heard
around 3.30.a.m.

NOTE: This forecast is based on
reception in Taranaki. Longer
twilight in the south results
in signals appearing later in
the evenings than above.

- Robin Chambers.

6



Put a Soundhog in each stocking

Make this a Christmas
to remember. Soundhogs
are EMITAPE cassettes!
Greedy to gobble
up all festive

sounds, great and small.
And play them back to
you faithfully. Buy EMITAPE
cassettes where you
see the Soundhog sign.



EMITAPE



EMI (New Zealand) Ltd., Wellington.

SH 5

NEWS BRIEFS

CJRN 710 x1600 now on 24 hours.
KRVN 880 sked 11pm-605pm NZT.
KVOO 1170 now silent every 2nd Monday
6pm-11pm NZT.
KCHY 1530 xKCGO 1590 all night.
KKYX 680 xKBAT.
CJVB 1470 Box 9200, Vancouver, 10kw. NSP.
KKHI 1550 silent period 8pm Mon.-2am
Tue. NZT.
CPCW 1490 Alberta, CP for 50kw. U4.
Many BBC frequencies changed 2 Sept:
1088 European Service in Fr & Ger.
Radio 4 Droitwich 1052 150kw x1088.
Locals on 1457: London 50kw, Birming-
ham 10kw, Manchester 10kw, & others.
Credit NRC News.

SHORTWAVE MAILBAG

7

with John Mainland

Some interesting signals have been reported this month. Namely, low frequency reception of Timor on 3668 and Vila, New Hebrides on 7260 khz. On the high frequencies Athens, Greece which is understood to be using a high powered transmitter, is noted on 21610 khz. Also news that Radio Zambia at Lusaka appears to have moved to the higher frequency bands. Before we venture into the mail may I wish you a Merry Christmas and a prosperous DX New Year.

ARTHUR CUSHEN, Invercargill has reported 19 appearing in Bandwatch and received QSL's from YVSB 6010 DW 7285 Kigali 9700 DW 11850 RN Mad 15195 CBC 5960.

JOHN HILLIER, Masterton has QSL's in from VLI6 6090, AIR 11740, SBC 11715, 9750, Japan 11875, 17855, DW Werch 11865, RBI 11875, RA Shep on 15240 11810 15405 15320 17715 9740 and Lyn 15160 15295.

NICK KENDALL, Wanganui has amassed another envious pile from Kigali 11905, Austrian Army 6255, Bangla-desh 15520 VOA Muntah 3980, Rhodesia 3306 (11 days), VOA Rhodes 7205, Holland 25620, 4VEH 11835, Qatar 9570, Burundi 3985, Reunion 4807, Luxembourg 6090.

MICHAEL SMITH, Matamata has verified ORTF 9680, VOA Okinawa 6110, ZL7, Prague 21700, Morobe 3220, Trans Europe 9670, Moscow 25m. Loggings: Liberation Radio 10010 1000, Moscow 25m 1123, Sri Lanka 17830 1038, Austrian Radio 21705 (note) 1015, Prague 21690 0250.

J..... DURHAM, Whangarei has QSL's in from BBC 9410, Lisbon 11935 17880, AFRTS Greenville 15330 15430, Vatican 17800, VOA Green 11760, SBC 11715, 17830, RAI 11800 Sweden 11940, Japan 21570, Cuba 15300 11760, Ned Bonaire 21570, Ned Hilversum 21480, Bucharest 11775 9680 TWR Bonaire 11815, Moscow 9755, VOA Beth 21485, RA Dar 15355 11945 21485, RA Shepp 15405 15320 17820, RA Lyn 15295 15240, TWR Monte Carlo 11965. 37 reports out. Busy lad!

PETER HERMAN, NSW, has logged Poland 9675 0634, CBC Montreal 9625 0830, Netherlands 9715 9770 15195 0800 and 1230, RA Shepp 17820 17860 0741, DW 11795 0920, Prague 11855 0700, Budapest 11910 0100, Lisbon 17880 21495 0730, NHK 11875 15235 0930, SBC 9590 11775 15240 0700; QSL's in from CBC 9625, Sweden 11940, Prague 11990, Seoul 9640, Bucharest 11940

FRED HUMPHRIES, Wellington has logged and verified Nordsee 6205.

JOHN NEWMAN, Twizel has a QSL from Iran 15084, More next month?

Peter Grenfell, Oamaru has QSL's from DW 15185, 9510, 11865.

RAY CRAWFORD, Invercargill has logged AFRT 3990 1330. Veries in from DW Sackville 9745, Werch 9530, Julich 9605, Kigali 9565. Danke Schoen! Christmas greetings reciprocated Ray.

NIGEL ROBINS, Wellington has put 30 stations into Bandwatch and QSL'd Ribeirao Preto 15415, WINB 15185, WNYW 15215, VOA Rhodes 7205, RNZ 15110, SBC 9750, DW 9765 plus penn, Werch test, ORTF 7160, Nederland 15375, Nordsee - Blank postcard! Will answer queries at next meeting Nigel.

TONY KING, Wellington has QSL'd ELWA 4770.

CHRIS MACKERELL, Nelson has 12 reports out and QSL's from Vienna 7245, DW Julich 9545, AIR 9912, Hanoi 10040, Sweden 11940, WINB 15185.

ROBERT CHESTER, South Australia has reported 1, and received prizes from HCJB 6010, DW Werch 9690, Morobe 3220, RA Shepp 21680, Kerema 3245.

ROBERT CHESTER has also QSL'd Vatican 15165, VOA Bethany 17775, Delano 21460 Dixon 21630. Your comments Valid and noted thanks.

LINDSAY ROBINSON, Invercargill has logged BBC Cyprus 11760 0855, BBC London 21530 1030, VOA Dixon 6140 700, Monrovia 21670 0815, 7195 0700, Greenville 15400 2300, Morobe 3220 0844, Peking 3910 0930, Tokyo 7230 0945, Hanoi 12025 1020, Vienna 21720 0815, Kuwait 21685 0830, 15345 0430, DW 21650 1120, 7235 0800, 17800 0915. Bonaire 6085 (note station and freq) Moscow 21505 1017, UN 21520 0745, RSA 21520 0955, Prague 21575 0700, QSL's in from Atlantida 9625, Morobe 3220, CBC 5980, ORTF 17730, VOA Greenville 6170, 9525, Monrovia 7280, DW 9765, Budapest 15165, Tashkent 15415, Bukittingi 6045, WNYW 15215. New layout next month ?

JOHN HILLIER, Masterton second mention has reports out to BBC UK 9640 0609, 15070 1235, Tebrau 17860 0015, Cyprus 11955 0237, UK 11750 0308, Cyprus 15390 CBC 5970 0830, 9625 0902, 15325 1236, 11720 1243, VLA9, Japan 17825 0219, 17880, 17725m 15235, 11875, 5990, 9560 9675, ten RA's, Ankara 11880 0555.

ALASTAIR STEWART, Oamaru has 13 reports out and rewards from Prague 9630, Japan 5990 17825 21570, Ned Hilversum 21480 Ned Bonaire 15320, Montreal 15325, RA 6055, 11945.

COLIN CAMPBELL, Rotorua has 5 loggings in Bandwatch and QSL's in from Ned Hil 21480, HGJB 11745, 21460, VOA Bethand 21485, DUH2 6170, Helsinki 15185, RAI 9575, VOA Greenville 17785, Vatican 11700.

MICHAEL POLLARD, Temuka has 13 logs for Bandwatch and has rewards in from Vatican 9615, Cuba 11760, DW Werch 11850, Sri Lanka 15120. Bandwatch layout perfect Mike. Note mailbag remains as before. Thanks too for sentiments.

DENE LYNNBERG, Wellington logged 10 this month and has bagged RN Lopik 25620 RN Mad 11730 15195, HJCT Nacional 6030 Rumbos YVLM 9660, VOA Colombo 11740.

ROGER COWELL, Auckland has 2 reports out and no rewards. Address noted. Would not be concerned about text of your QSL from Radio Nederland - it's definitely a verie. By stating the transmitter location and frequency they are confirming that you heard the transmission. RSA uses similar wording on its QSL's. Best wishes in Tonga and Australia !

JOHN MAINLAND, Wellington logged 9 this month and has QSL's in from Bucharest 5990, Timor 3996 (Registered report returned) CBC Sakville 5980, Rome 15240 15315 17795, Prague 11855 15430, Berne 17710 21585, SWF Rohrdorf 7265, RN Talata 11945 Madrid 7105, RN Lopik 25620, RSA 25790, RBI 9650, HGJB 17755 Dakar 4890, ELWA 11940 11950, Brussels 11755, Ceylon 11800, WINB 15185, Kuwait 9750 15345.

ITO TSUKIGAWA, Oamaru mailed 11 this month and got rewards from DW 21560, RN Mad 15195, Vienna 21585, Tashkent 15420, Helsinki 21595, Norway 21730, Madrid 11925 plus pennant; Thanks for comments Ito. Writing re loggings.

BRIAN WITHERS, Twizel has QSL'd Sweden 11940, RA Dar ?, DW Werch 5995, RBI 7185, Finland 21595. Reported VL5UV 1630, Seychelles 11955 1830, Nigeria 15120 1900.

BRYAN CLARK, Wellington. 19 loggings for November. QSL's: WINB 15185, Rhordorf 7265, (Now 20kw) Bloemedahl 15155, ELWA 11940, RFE Biblis 3995, Hilversum 25620, RN Mad 11730.

CLIVE ALLEN, Palmerston North 3 loggings in Bandwatch and QSL from Rumania 15250.

MAILBAG CONCLUDED ON PAGE 13

With Best Wishes for a Happy Festive Season and Good DX in '73



'ANYTHING.....BUT MY STEREO PHONES FROM
KIT PARTS, DARLING'

KIT PARTS have the answers to the Gift Problem for DX-ers !

100khz Spotting Oscillator

A non crystal hi accuracy osc.
Spots to 25mhz. Full instruct-
-ions, coil, variable capacitor.
Uses 9v battery. \$3.90

Q Multiplier

Works on any
receiver with
455-465 I.F.
Simple connex.
All parts but
metalware.

\$4.20

VHF Receiver. A

best seller. 27 to
130 mhz. Works by
induction thru
transistor radio.
Full wiring instr.
provided \$5.40.

I.F. Alignment Generator A 2 tr.
device producing modulated signal
at 455 or 465 khz for aligning I.F.
Coil prewound. Simple. \$4.40.

These are only some of the 61 kits we have available - write for our
free catalogue just printed. All mail orders to P.O. Box 27-037
Wellington.

102 Manchester St
Christchurch
'Phone 74-398



208 Cuba St
Wellington
'Phone 57-673

SW BANDWATCH

ALL TIMES GMT
FREQUENCIES IN KHZ

10

It is evident from our mail this month that some clarification may be necessary in the changes we sought to introduce to the SW pages of the new Times. We hope that those members still sending notes in the "old style" will study these changes for their future contributions. Loggings appear in BANDWATCH, verifications in MAILBAG. Loggings should be contributed as shown below. A members' initials are underlined to denote "logged", otherwise they are "heard" stations.

FREQ	TIME	COUNTRY	PROGRAMME & RECEPTION DETAILS	INITS
2410	1200	NEW GUINEA	VL9CG Radio Goroka good signals.	<u>JD</u>
2850	1300	NORTH KOREA	Pyongyang Home Service at good level.	<u>JD</u>
3260	1200	NEW GUINEA	Radio Madang logged with good signals.	<u>JD</u>
3315	1000	MARTINIQUE	Fort de France s/on in French. Caribbean mx later.	ASWLC
3322	0923	NEW GUINEA	Bougainville good with Nx and government talks.	<u>AK</u>
3335	0905	NEW GUINEA	VL9CD Radio Wewak News.	<u>AK</u>
3340	1800	UGANDA	Radio Uganda is using this new frequency to 2100.	NZDXRA
3668	1220	PORTUGUESE TIMOR	in Portuguese with pops and idents. Good signal, light telegraphy interference <u>DL</u> 1400 Nx in Portuguese.	<u>AC</u>
3960	1830	MOZAMBIQUE	Radio Pax in Portuguese with pop music.	NZDXRA
4775	1400	AFGHANISTAN	Kabul Nx, comment and pops in English. Fair to Good.	<u>NK</u>
4775	0900	BRAZIL	Radio Progresso, Sao Paulo reported back on SW. Wants report	
4865	0540	COLUMBIA	HJLZ Voz de Cinaruco, fair in Spanish. DL /-s.	NZDXRA
4945	0615	COLUMBIA	HJDH Radio Colosal, good with mx.	<u>CM</u>
4965	0700	COLUMBIA	HJAE Radio Santa Fe, Bogota, Good. (Note call, Chris)	<u>CM</u>
5040	0800	PERU	Radio Junin noted to after 0900 on Sunday.	<u>AC</u>
5040	1445	BURMA	Good with English news and pop music.	<u>RCO</u>
5935	0300	LATVIAN SSR	Radio Majak, Riga nx every half-hour. Majak ident and interval signal on the hour.	ASWLC
5955	1128	GUATEMALA	Radio Cultural with Spanish ident. Fair reception.	ASWLC
5962	0827	COLUMBIA	La Voz de Bogota, ident and Latin American Mx.	ASWLC
5965	0500	BOLIVIA	Radio Nacional, Huanani back on this freq. S/off hrd.	NZDXRA
5990	0715	ECUADOR	HCJB Quito English to South Pacific. <u>AC</u> 0900 Good but slight interference Radio Japan same frequency.	<u>DL</u>
6015	1730	CZECHOSLOVAKIA	Radio Prague in Italian mixed with USSR.	<u>JM</u>
6025	1200	UZBEK SSR	Radio Tashkent Exc in English to S.E.Asia // 9540.	<u>JM NR</u>
6030	0550	FEDERAL GERMANY	SDR Muhlacker, good signal.	<u>JS</u>
6055	0627	CZECHOSLOVAKIA	Radio Prague good in French.	<u>JS</u>
6055	0350	RWANDA	Radio Rwanda heard in French. Ident and Nx 0400	ASWLC
6060	0330	NETH. ANTILLES	RN-Bonaire in Dutch to North America. Fair.	<u>JM</u>
6085	0500	NETH. ANTILLES	RN-Bonaire new freq.// 9715 English to US.	<u>JM. Exc. JS</u>
6120	0942	VENEZUELA	Radio Angostura with spanish ident and mx.	ASWLC
6120	1030	NICARAGUA	Radio Atlantico with Spanish music.	ASWLC
6170	0935	PHILLIPPINES	DUH2 English Public Service Ancmts. <u>NR</u> 0950 English Nx Good <u>JS</u> 1100 Fair with English Nx.	<u>CA CM</u>
6195	0500	TUNISIA	Tunis Fair in Arabic, QRM from BBC.	<u>JS</u>
7065	1630	ALBANIA	Very good in English till 1700.	<u>IP</u>
7135	0515	FRANCE	ORTF Paris with African Service.	<u>JS</u>
7150	0815	GREAT BRITAIN	BBC logged at VG level with World Radio Club.	<u>CM</u>
7245	0730	AUSTRIA	ORF Vienna fair with Report from Austria.	<u>NR CM</u>
7260	0025	NEW HEBRIDES	Radio Vila s/on in English & French 4/12, then drums and French to 0100, English to 0130, Dialects/broken English till s/off 0200 good signal. First time heard, only other station audible in band this time Noumea 7170, also good.	<u>DL</u>

7270	0600	POLAND Warsaw good in French // 7285. English at 0630.	<u>both</u> <u>CM</u>
7285	0700	FEDERAL GERMANY DW Excellent in German to Aust/NZ. Announced other frequencies as 9650, 9735, 11795, 17845, 21560.	<u>RC</u>
7290	0730	MONACO Trans World Radio, Monte Carlo, "Back to the Bible"	<u>CA</u> <u>IP</u>
9505	0730	CZECHOSLOVAKIA Prague good in French after Japan s/off here.	<u>NR</u>
9510	1800	TAIWAN Taipei logged in English, noisy reception.	<u>JS</u>
9535	0523	ANGOLA Emisoras Official thru splatter HCJB & UN Radio 9530.	<u>BC</u>
9540	0645	POLAND Warsaw in English to Europe, good. <u>CM</u> 0623 Polish.	<u>JS</u>
9540	1400	UZBEK SSR Tashkent fair in English, // 9600 poor.	<u>IP</u>
9560	0400	ECUADOR HCJB Quito has English to North America.	<u>AC</u>
9570	0916	CHILE Radio Portales, good in Spanish, adverts, after Aussie.	<u>NR</u>
9605	1730	CZECHOSLOVAKIA Prague opens in English to Africa.	<u>AC</u>
9620	0800	BRAZIL ZYR97 s/on with full ident in Portuguese, good.	<u>NR</u>
9620	1320	TRUCIAL STATES ABU DHABI good with Arabic programming.	<u>JM</u>
9620	2050	SPAIN RNE Madrid fair in Spanish // 9570.	<u>NR</u>
9640	0750	GREAT BRITAIN BBC "World Radio Club" logged for special QSL.	<u>JS</u>
9640	1101	SOUTH KOREA KBS good with English nx. "Melodies of Korea"	<u>NR</u>
9645	0015	PAKISTAN Radio Pakistan sign on in English with GOS. Good.	<u>DL</u>
9655	0930	THAILAND Bangkok logged with English announcement.	<u>AC</u>
9660	0845	UNITED STATES UN Radio via Dixon over ABC Tue to Sat. Good in English x9580 // 5955	<u>DL</u>
9655	0655	CANADA Radio Canada opens to Africa.	<u>AC</u>
9665	1800	AUSTRALIA RA-PERTH (10kw) fair to Africa, severe QRM Sennes	<u>BC</u>
9665	0920	BRAZIL Radio Nacional, Brasilia in Portuguese. (50kw) Other transmitters 15445 (100kw) & 11720 (75kw). 500kw planned. ASWLC. NZDXRA	
9710	0515	FRANCE ORTF Paris news in English. <u>AC</u> Excellent <u>JS</u> // 11860	<u>NR</u>
9715	0502	NETHERLANDS ANTILLES Excellent in English.	<u>JS</u>
9715	2130	MALAGASY REPUBLIC RN-Talata in English to Australia.	<u>BC</u> <u>DL</u>
9715	1230	SWEDEN Stockholm good in English, Nx and commentary.	<u>CA</u> <u>NR</u>
9720	1230	SRI LANKA Fair with Mx requests in English. QRM Sweden.	<u>NR</u>
9740	0200	CZECHOSLOVAKIA Prague in Spanish to Latin Am. x9630.	<u>JM</u>
9745	0515	SWEDEN Stockholm English to Aust/NZ. Severe QRM Cologne.	<u>NR</u> <u>JD</u> <u>IP</u>
9750	0700	CYPRUS BBC poor-fair with World Service to Europe. Sked 0600-	<u>RC</u>
9750	1330	GREAT BRITAIN BBC in English. Equal level Tebrau 9740. /0730.	<u>RC</u>
10010	1030	VIETNAM Liberation Radio has English Nx, fair-good.	<u>CM</u>
11715	0430	SWITZERLAND SBC Excellent in English	<u>IP</u>
11715	0750	ECUADOR HCJB Religious programme, bad QRM.	<u>MP</u>
11730	0030	MALAGASY REPUBLIC RN-Talata weak in English, mixed Paris. (Has since been resked to use 11775 to avoid QRM. BC)	<u>NR</u> <u>BC</u>
11755	0020	BELGIUM Brussels new frequency in Dutch // 9550. x15235.	<u>JM</u>
11725	2100	NETH. ANTILLES TWR-Bonaire, English religious programme, good.	<u>NR</u>
11775	0430	RUMANIA Bucharest good with English to North America.	<u>NR</u>
11780	0515	MOZAMBIQUE Lourenco Marques. Advts, pops in English/Afrikaans.	<u>JM</u>
11795	0700	FEDERAL GERMANY Deutsche Welle good with German s/on.	<u>MP</u> <u>JD</u>
11795	1730	LIBYA Libyan Broadcasting & TV Service s/off in Arabic.	<u>ASWLC</u>
11800	0400	CANARY ISLANDS RNE Relay Spanish to S.America, good.	<u>CM</u>
11810	0530	ETHIOPIA ETLF new freq. in English to West Africa, x11850.	<u>JM</u>
11810	0830	ITALY Rome fair in Italian to Australia until 0915.	<u>RC</u>
11815	2100	JAPAN NHK Tokyo General Service in English. QRM HCJB.	<u>NR</u>
11815	0030	NETH. ANTILLES TWR Bonaire good. DX Special in English.	<u>NR</u>
11835	0135	FRANCE ORTF Paris new freq. to Latin America // 11730 & 11965.	<u>JM</u>
11835	0411	SUDAN Radio Omdurman with Arabic Mx and Annmts.	<u>ASWLC</u>
11850	1230	INDIA All India Radio with English Nx, very good. (0333 also	<u>CC</u>) <u>IP</u>
11850	2145	CANADA RCI-Sackville English to Europe, s/off 2152, then returns with Armed Forces & Northern Services at 2200. <u>DL</u> <u>CM</u> 2105hrs	<u>MP</u>
11850	0530	ETHIOPIA ETLF English religious prgrm to W. Africa. (now 11810)	<u>NR</u>
11855	1755	SAUDI ARABIA Jeddah in English <u>JS</u> French Nx fair 0500. NR. <u>CM</u> <u>CC</u>	

11855	0214	UNITED STATES WNYW New York Bilingual.NR 2015 Fair JS	12
11860	0850	TAIWAN BCC s/on in Chinese after National Anthem, then Japanese programme. Poor, mixed Radio Moscow.	RC
11870	1345	SWITZERLAND SBC Berne concluding English prgrm. Excellent.	JD
11875	0300	NICURAGUA YVN English lessons and Latin Mx. Poor.	NR
11880	0600	TURKEY Radio Ankara very good signal in Turkish.	DL
11880	1930	ETHIOPIA ETLF English to W.Africa x11945 mixed Melbourne.JM NR	JD
11885	2200	UNITED STATES WNYW with CBS Nx. Closes 2215. MP "Spectrum" 2030NR	NR
11890	0300	DEM.GERMANY R.Berlin International English heard after VOA s/offNR	NR
11885	0545	MOROCCO VOA Tangier s/on in Slovenian, good.	DL
11892	0503	ZAMBIA Lusaka poor with English Nx. NR 0535 Radio Zambia General Service. News heard in English 0600.	JM
11905	0545	RWANDA DW-Kigali opens at good level in English.	NR BC
11900	1830	ISRAEL Jerusalem in Russian, 1845 Hungarian. 2035 English s/on.	JM
11920	1915	IVORY COAST with English ident. then 'highlife' music.	ASWL
11915	0900	ECUADOR HCJB Quito Excellent in English.	IP
11935	0635	SOUTH AFRICA Springbok Radio English/Afrikaans to fadeout 0655.	JM
11940	0802	KUWAIT heard with Arabic Mx. Fair with QRM Moscow.	NR
11940	0645	RUMANIA Bucharest good with English to s/off 0715.	CC IP
11945	2130	MALAGASY REP. RN-Talata to Australia. AC (may have moved to 9715)	IP
11950	2001	SAUDI ARABIA Riyadh Arabic Nx, Wx.Fair with frequent Idents.	NR
11970	2215	SOUTH AFRICA Radio RSA Poor in English to N.Am. NR 2255 Poor. MP	MP
12095	0500	GREAT BRITAIN BBC English Nx to Middle East, good.	CM
15011M	1316	NORTH VIETNAM Voice of Vietnam logged. Listed as 15018.	MP
15084	0900	IRAN Domestic Arabic programme received at Exc. level.	IP
15110	2340	NEW ZEALAND Radio NZ Good to Pacific in English.	NR
15125	0240	MEXICO XERMX Fair in Spanish with Mailbag programme.	NR
15150	0030	NORTH KOREA Radio Pyongyang Spanish to Latin America, //6320.	JM
15155	1115	PHILIPPINES VOA relay good signal in English.	MP
15165	0900	INDIA All India Radio V.G. in Indonesian.(Sked //17860)	6th IP
15170	1745	TAHITI Papeete V.G. with "Tahiti Bulletin", 10 minutes of Nx, weather and Stock Market Nx in English.	NR
15175	0800	NORWAY Oslo good in English Sundays. JS Measured as 15180.	MP
15190	1330	ETHIOPIA ETLF English Nx beamed to India, fair. JM Good	CM
15205	1000	INDIA AIR New Delhi English to NZ Excellent IP //17775,15190.	NR
15215	0100	UNITED STATES WNYW Fair with CBS News.	JD
15235	1030	GREAT BRITAIN BBC with English News to USSR, good.	CM
15240	1530	YUGOSLAVIA Belgrade poor-fair in English due QRM.	IP
15265	2100	AUSTRALIA Shepparton? English to Asia AC.Good JD NR.QRM Bonaire	NR
15285	1715	GHANA Accra has English Nx for East Africa. JM	15270 BC
15290	0730	SYRIA Damascus good with Arabic Mx and Id:'Huna Dimashk'.	NR
15310	0700	GUINEA Conakry at fair level, frequent idents in French.	BC
15310	0950	MALAYSIA BBC Tebrau good level;a most reliable signal.	RK
15345	0530	KUWAIT English Service, Nx and music, fair signal.	MP
15345	2330	NETH.ANTILLES TWR-Bonaire good in German DL. Fair-good IP	IP
15350	2010	MALAGASY REP. RN-Talata fair in Dutch daily 2000-2120.	BC
15355	0635	SOUTH KOREA Seoul in English to Europe,poor JS 15335 fair.	BC
15350	1845	LUXEMBOURG Radio Luxembourg in German with pop mx.	ASWL
15375	1830	NETH.ANTILLES RN-Bonaire Excellent with English Nx	NR JD RC
15385	2315	MEXICO XERMX in Spanish replacing 21705.	NZDXRA
15430	1223	INDIA AIR Home Service, Nx in English at 1230.	MP
15435	2345	MALAYSIA BBC-Tebrau logged with World Radio Club, Fridays(GMT)	BC
15435	1000	CHINA Radio Peking Excellent in English.	IP
15415	1731	KUWAIT Radio Kuwait in English. Excellent signal.	JD
15440	0400	PHILIPPINES DZF8 FEBC Manila good with English Nx.	NR
17700	1130	EAST GERMANY Radio Berlin International in Hindi.	IP

- 17755 1930 ECUADOR HCJB Quito logged at poor level. JS
- 17785 2345 AUSTRALIA RA-Shepparton? testing for Cricket Relays to NZ. DL AC
- 17785 1900 UNITED STATES VOA-Greenville with English Nx. JS
- 17800 0800 NORWAY Oslo has English Sundays "Norway this Week", good. NR
- 17810 0100 PHILIPPINES DZI6 in Indonesian, good. Ident 'FEBC Radio Internation
- 17830 0540 PAKISTAN Karachi good with English Nx. IP \-al'. DL
- 17860 0000 MALAYSIA BBC-Tebrau World Service in English to 0030, good. BC
- 17870 0600 AUSTRALIA RA-Darwin, V.G. in English. BC
- 17880 0600 JAPAN NHK General Service in English, excellent //17855. IP
- 17890 0200 TAIWAN Voice of Free China in English, fair. //17780 fair, 15345 under jammer, 11825 fair. DL. 1835 Poor in English. JS
- 17895 0500 ZAMBIA Lusaka with English news. AC
- 17935 1230 BANGLADESH Dacca good in English with nx and 'Listeners Letterbox' AC
- 21455 0500 AUSTRALIA RA-? testing to Asia for Cricket as per 17785. DL \NR
- 21510 0925 MALAGASY REP. RN-Talata fair in Arabic 0930 over weak Moscow. BC
- 21520 1000 SOUTH AFRICA Radio RSA English to Australia. V.G. CM Good. RK
- 21535 1000 SOUTH AFRICA fair in English to UK Sundays to 1200. Interesting as 21520 to Australia was inaudible. RC
- 21540 0915 FEDERAL GERMANY DW-Cologne telegram advice of tests to East Asia in English to s/off 0930, // 17780. 12-15 December 1972 JM
- 21575 0658 CZECHOSLOVAKIA Prague fair to NZ in English //21700 & 11855 V.G. BC

21610 0817 GREECE Athens, V.G. with programme of Greek popular mx. Id heard as "Radicphonikos Stathmos". Over weak Algeria and BBC Cyprus covered from 0855. First noted 3 December. BC

- 21615 0700 CZECHOSLOVAKIA Prague fair in English to Africa x21690. BC
- 21655 0800 NORWAY Oslo good to A/NZ in English Sundays only. CC
- 21705 1000 AUSTRIA Vienna V.G. in English weekdays to A/NZ x21540 AC BC
- 25620 1100 HOLLAND Radio Netherlands V.G. in Dutch. BC
- 25650 1012 GREAT BRITAIN BBC World Service Fair but severe noise. RK
- 25710 0855 GREAT BRITAIN BBC heard with poor signal. RK. Not heard recently BC
- 25770 0657 SOUTH AFRICA Radio RSA Afrikaans to Europe to 0920, Sundays. BC
- 25790 0930 SOUTH AFRICA Radio RSA V.G. and steady with English News. BC
- 25950 0958 LIBERIA VOA-Monrovia opening with transmission in Chinese, weak. BC

CONTRIBUTORS

GC Colin Campbell	CA Clive Allen	NK Nick Kendall	RK Ray Knox
IP Ian Patterson	AC Arthur Cushen	AK Tony King	BC Bryan Clark
DL Dene Lynneberg	CM Chris Mackerell	JS Jack Searle	NR Nigel Robins
MP Michael Pollard	RCo Roger Cowell	JM John Mainland	JD John Durham
RC Robert Chester (St Aust)			
ASWLC American Shortwave Listeners Club. NZDXRA NZ DX Radio Association.			

SHORTWAVE MAILBAG (Continued from Page 8)

ERIN ARDLEY, Auckland Has logged WNYW 17760 2030 15215 2235, NHK 6030 1130, 11840 1200 11965 1745 6080 1130, 11960 1930, RSA 21490 0700, DUH2 6170 1000 (send stamps), Vietnam 12025 1000, VOG 11910 1930, 6 RN, Austria 21705 1000, DW 21600 1045, 7235 0520, 7175 1820. QSL's in from NHK 6 freqs, Prague 9605 11855, Milne Bay 3360, RA Shep 9740, RN Mad 11890 21480, CBC 5980, Austria 21585 15260, RSA 21490, WNYW 17760, DUH2 6170 (Your note said no reply !)

JACK SEARLE, Haumoana has QSL's from CBC 15325 RA Shepp 11790, RFE Munich 15355, AFRTS 11790, RSA 21535 VL8AS 3360, Moscow 11900, 15320, RN Mad 7295, DW Koln 6075, Kigali 9700, Julich 6145, 15275, Brussels 15235, Helsinki 15185, Tahiti 6135 15170, Sofia 9700, RAI 7275 17795, SBC 9535 15305, RNE Madrid 6140, DW Kigali 9700, AIR 9525, VLH11 11880. Thanks Jack.

LEAGUE
LADDERSBROADCAST
FINAL
DECEMBER

Division	Jun.	Dec.	Inc.	Division	Jun.	Dec.	Inc.
<u>GOLD STAR (1501 & Over)</u>				<u>JUNIOR (51-150)</u>			
Arthur Cushman	2071	2090	19	*John Corder	124	-	-
Keith Robinson	1935	1958	23	Lindsay Robinson	113	130	17
Merv Branks	1894	1936	42	John Newman	115	136	21
Frank A. Wilson	1493	1535	42	*Terry Gloistein	101	-	-
<u>GOLD ACE (1001-1250)</u>				*Bruce Cavanagh	91	-	-
Don Reed	1028	1039	11	*Alan Wallace	87	-	-
<u>SILVER ACE (751-1000)</u>				Gay Stevens	73	75	2
Ray Crawford	819	865	46	*Erin Ardley	69	-	-
Eric McIntosh	788	806	18	Jack Searle	54	89	35
<u>ACE (501-750)</u>				Michael Smith	56	67	11
Robin Chambers	664	676	12	*Hans Tolsma	53	-	-
Stan Larking	620	640	20	Sinclair Bennett	-	72	-
Dene Lynneberg	556	578	22	Paul Falleni	27	58	31
Sutton Burtenshaw	554	585	31	<u>NOVICE (1-50)</u>			
Graeme Shillito	458	508	50	Ian Patterson	-	47	-
<u>SENIOR (301-500)</u>				Peter Blackhaus	33	34	1
*Paul Aronsen	376	-	-	Keith Barton	-	34	-
David Ricquish	365	373	8	Michael Pollard	0	18	18
Stephen Reed	355	360	5	Colin Campbell	-	15	-
Brian Withers	325	335	10	<u>BROADCAST LADDER WINNERS</u>			
Ray Babbage	322	322	0	Gold Star: Merv Branks, Invercargill.			
George Masson	303	307	4	Silver Star: Frank A. Wilson, Dunedin.			
<u>INTERMEDIATE (151-300)</u>				Gold Ace: Don Reed, Christchurch.			
Robert Chester	290	298	8	Silver Ace: Ray Crawford, Invercargill			
*Gordon Simes	226	-	-	Ace: Sutton Burtenshaw, Invercargill.			
Lance Johnston	220	222	2	Senior: Graeme Shillito, Karitane.			
Bryan Clark	218	222	4	Intermediate: David Dwyer, Christchurch			
*John Miller	189	-	-	Junior: Alan Crawford, Invercargill.			
Arthur Williams	188	198	10	Novice: Paul Falleni, Paerata.			
*Lloyd Townley	185	-	-	Congratulations to the successful			
*Keith Rogers	169	-	-	entrants; obviously the DX is found on			
Richard Knowles	158	163	5	the "mainland". Welcome to Sinclair			
David Dwyer	153	169	16	Bennett of Christchurch! Frank Wilson,			
Alan Crawford	148	179	31	Graeme Shillito, Alan Crawford and			
				Paul Falleni receive promotions to a			
				higher division. Good work chaps!			

* means deletion from next ladder if no update received next time round.

FROM THE EDITOR: A FEW REMINDERS FOR LADDER AND BEST-OF-MONTH ENTRANTS.

Ladders: You only need to have 10 veries on SW or BC to join the competition; ENTRANTS MUST CONTRIBUTE THEIR LOGS AND QSL'S TO THE RELEVANT SECTIONS OF THE TIMES, AND NOT JUST SEND IN A LADDER TOTAL! Next competition period January to June 1973 with ladder totals required for February, April and June issues. Full League Ladder Rules listed in "DXing made Easy", issued to all new members and to 'old' members on request to National Secretary, P.O. Box 1313, Inver'gill.

LEAGUE LADDERS

SHORTWAVE 15
FINAL
DECEMBER

Division	Jun.	Dec.	Inc.
GOLD STAR (1501 & Over)			
Arthur Cushen	3804	3866	62
Dene Lynneberg	1635	1679	44
Robert Chester	1466	1521	55

GOLD ACE (1001-1250)			
Ray Babbage	1116	1123	7
Ray Crawford	994	1031	37

SILVER ACE (751-1000)			
Bryan Clark	821	860	39
Brian Withers	797	843	46
*John Miller	779	-	-
John Mainland	774	865	91

ACE (501-750)			
Eric McIntosh	540	541	1
Erin Ardley	460	589	129

SENIOR (301-500)			
*Keith Rogers	486	-	-
*Paul Aronsen	443	-	-
David Barton	-	420	-
John Durham	414	452	38
Lindsay Robinson	338	424	86
Lance Johnston	313	341	28
Peter Herman	-	333	-
John Hillier	-	316	-

INTERMEDIATE (151-300)			
Alastair Stewart	-	291	-
Ian Patterson	-	283	-
*David Dwyer	189	-	-
*Terry Gloistein	181	-	-
*Andrew Archbold	184	-	-
Stephen Reed	173	173	0
Jack Searle	171	244	73
*Mike Highley	154	-	-
Arthur Williams	148	165	17
John Newman	138	175	37
Frank Aue	-	211	-

Division	Jun.	Dec.	Inc.
JUNIOR (51-150)			
*John Corder	122	-	-
*Bruce Cavanagh	112	-	-
Colin Campbell	-	125	-
*Alan Wallace	79	-	-
Michael Smith	79	103	24
Gay Stevens	79	86	7
*Norman Glover	72	-	-
Peter Blackhaus	57	69	12
*Hans Tolsma	55	-	-
Paul Falleni	24	54	30
Michael Pollard	13	62	49

NOVICE (1-50)			
Robin Chambers	-	40	-
Chris Mackerell	-	42	-
Paul Frost	-	34	-

* An asterisk indicates member will be deleted in next ladder competition if no updated QSL totals received.

SHORTWAVE LADDER WINNERS

Gold Star: Arthur Cushen, Invercargill.
Silver Ace: John Mainland, Wellington.
Senior: Erin Ardley, Auckland.
Intermediate: Jack Searle, Hawkes Bay.
Junior: John Newman, Twizel.
Novice: Michael Pollard, Temuka.

Welcome to new ladder entrants Chris Mackerell of Nelson, Paul Frost of Tauranga, Alastair Stewart of Oamaru & Aussie members David Barton & Peter Herman. Congrats to Ray Crawford on his 1000 and Michael Smith-his first 100! Promotions to Ray, Erin Ardley (great!), the Twizel twins Arthur & John, Michael Pollard & Paul Falleni. Keep it up!

FROM THE EDITOR (CONTINUED).

Best of Month: Considerable problems have arisen in deciding the winners of BOM Competitions lately, because some entries failed to comply with the rules set out in "DXing made Easy". In brief these are: Sections-broadcast, split into Senior and Junior (under 300 veries); shortwave, under 9000kHz and over 9000 kHz. **ENTRIES MUST LIST THE FOLLOWING: CALL OR STATION NAME, LOCATION, FREQUENCY, POWER, DATE & TIME HEARD, MONTH REPORTED IN TIMES, AND POINTS (LEAGUE POINTS LIST).** The winners receive a handsome certificate card for their effort and are eligible for the NZRDYL Best of Year Trophies and Certificates.

ARTHUR CUSHEN'S SHORTWAVE REVIEW

This month, we note many new frequencies being used by international broadcasters which have been observed since November 5. The most interesting station is Radio Zambia, which is now operating on high power and giving good reception on 17895 kHz. Many new frequencies have been used by VOA for the elections and this month Apollo 17 will be carried world-wide for the launch and landing on many new channels. All times are in GMT, add 12 hours for NZT; frequencies kHz.

ALGERIA. Radio Algiers 21610 kHz heard opening at 0555 but blocked by BBC 0900.

AUSTRALIA. Radio Australia testing to South Asia on 21455 kHz at 0100 and at the same time on 17785 to NZ and the Pacific.

AUSTRIA. Vienna has made a frequency change for its service to the Pacific, 1000-1200 GMT. This is now on 21705 replacing the listed 21540 kHz.

BELGIUM. Brussels noted on some new frequencies during our late afternoon listening. From 0430-0540 on 9610, 9640, 11770, 11880. 0555-0735 on 15125, 15200, 17780, 17815, with schedule extended to 0800 Sundays. 0815-0955 on Sundays 15200, 17740, 21460, 21475.

BRAZIL. Radio Nacional at Brasilia continues to be heard with tests on 15445 in Portuguese at 0300. Also on 9665 and 11720.

CANADA. CBC well received on its new frequency of 9655 from 0655-0800 with English at 0715.

CHINA. Peking heard on the offband frequency of 3640 with English at 1400 GMT.

CZECHOSLOVAKIA. Prague has new frequencies to the Pacific 0700-0800, on 6140, 11855, 21575, 21615, 21700. The service to Africa 1730-1825 is good on 9605, while other frequencies 5930, 7345, 11990, 17840 carry same prgrme.

ECUADOR. HCJB in Quito has been noted on some new frequencies: 5990 is used to the South Pacific 0715-1100 and the same programme is on 9745, 11915, 15115; and to Europe on 9710 and 11715. Another new frequency 9560 is used to North America at 0400 and as well the service is on 11715 and 11745. The frequency of 11810 is used to Europe and heard at 2030, with other frequencies 15300 and 17755.

FRANCE. ORTF Paris, English 0515-0545 and heard on 7175, 9680, 9710, 11860 and 15295.

GERMANY. Deutsche Welle in its transmission to NZ has additional frequencies on the air 0920-1020 in English on 9650, 11795, 11850, 17800, 17845 and 21560. From 2100-2200 on 6185, 7105, 7130, 9765.

INDIA. All India Radio at Delhi broadcasting to Africa 1945-2045 is using 9595 and 11960. 2045-2230 to NZ on 7260, 9912, 11740 kHz.

KOREA (NORTH). Pyongyang 3560 has English news and commentary at 1330 GMT.

NEW HEBRIDES. Radio Vila now on extended schedule on 3945 kHz and heard in French to signoff 0900.

PAKISTAN. Karachi has English to Europe 2000-2130 on 7095, 7235, 9460 kHz.

PERU. A new station is Radio Junin 5040, heard closing as late as 0645 but on Sundays has been heard to after 0900.

SWEDEN. Stockholm 9745 to NZ 0515-0545 in English has been blocked at times by Deutsche Welle but attempts are being made to clear the frequency.

THAILAND. Bangkok on 11905 and 9655 both received at good strength with a short English announcement at 0930. At this time they broadcast a 15 minute programme for Thai listeners overseas.

TIMOR. Dili 3665 kHz heard with news in Portuguese at 1400. Signoff is generally 1430 but on Saturday it is 1500. The signoff announcement follows a gong and then the Portuguese National Anthem.

USSR. Radio Moscow broadcasts in English to Australia and NZ as follows:
1100-1130 GMT on 12060, 9780, 6000 and 629.
1130-1200 and 1230-1300 on 12060, 9780, 6000 and 1250, 629.
1200-1230 on 12060 and 9780.

ZAMBIA. Lusaka heard testing its new high powered transmitter on 17895 kHz with English news at 0500. At 0510 a vernaculars programme follows with music and announcements and at 0600 the Zambia interval signal of a bird call is given. Seems to be part of a network as according to English announcements English news was scheduled for 0600 but this was not relayed.

**CHRIST
OFFRE LA
REDEMPTION
DIVINE A L'
AFRIQUE
CENTRALE**

CONFIRMS SwL REPORT OF: NICK KENDALL
DATE September 22 1972 TRANSMITTING ON
TIME 16 27 GMT 3985 KHz 75 meter Band
KHz 3985 (2.5kw) ~~4925~~ KHz 60 meter Band
1400 KHz Medium Wave
CALL LETTERS _____ 93.5 MHz F. M.

**BEST
OF THE
MONTH**

DECEMBER

Under 9 Mhz: Burundi 3985 2.5kw 138 Points Nick Kendall
Over 9 Mhz: Finland 21595 1 kw 129 points Arthur Williams.

NOVEMBER

Under 9 Mhz: Gambia 4820 3.1 kw 126 points Nick Kendall (Some entries did not comply with League rules)

OCTOBER

Under 9 Mhz: Buea, Cameroons 3970 8 kw Nick Kendall (Entered correctly but inadvertently omitted by Editor)

18 UTILITY DXING

with Bill Pearson

As I'm typing these pages Apollo 17 is on its way to the moon. With these missions the U.S. communication networks become very active and stations in Guam, Ryukyu Is. etc are often heard.

Contributors this month are as follows:

Dene Lynneberg, Wellington. has reports out to Andrews AFB 13248 1947; New York Aeradio 13272 1915; Gander radio 13272 1920; Khmer Republic 17993 0150; Verifications last month - nil. Tx for Trail notes.

Keith Rogers, Wellington. presumed to have no reports this month but the postman has left QSLs from SVA Athinai Radio 17314.5 13136; WOO Ocean Gate 13176; WOM Ojus Florida 13140.5; KMI Dixon 3740;

Bill Pearson, Wellington, has reports out to Kuwait PTT 9KT32 13878 0540; Australian O.T.C. VNV30 7980 1023; Aust. Eastern Terminal VIS54 0800; VIS43 17314 1050, VIS25 8789.6 0920, VIS7 4371 1051; Saudi Arabia PTT 13580 1520; Athinai Radio 8312 0420, 8796 0430; U.S. Naval Comm Stn Hono. 5715 0710; Cuba RT Service 10249 0820, 13474 0645; Italcable 13373 1755, 9356 1805, 10523 1820; Warsaw PTT 11425 0855; VKI Perth Police 10505 0924; RAF Luqa RAF Base, Malta 9032 0658; VJM MacQuarie Is 7920 0455; USCG New Orleans 8275 0637; Karachi PTT 10589 1745; Perth G.P.O. 17307.5 1054; TOP21 Ivory Coast 12115 0550; Verifications to date from; Moroccan Radio Electrical Centre 14888 1tr; USCG Honolulu 4050 1tr; USCG New Orleans 8275 1tr; Netherlands PTT 10735 1tr; WEB27 7977.5;

TRANSMISSIONS FROM LORD HOWE ISLAND TO SYDNEY:

Lord Howe transmits every hour exclusive of the times 1300 to 1600 GMT. Normal times of transmission are from five minutes to the GMT hour to ten minutes after. Operation is over the full seven days.

Frequencies: Between 0900 to 2200 GMT 5652 kHz.

Between 2300 to 0800 GMT 7965 kHz.

Reports should be sent to: Met Office, Lord Howe Is. 2893 Australia, enclosing a prepared card and return postage.

TRANSMISSIONS FROM NORFOLK ISLAND TO SYDNEY:

Norfolk Island transmits to Sydney fifty minutes past the hour GMT. Frequencies used are 2854, 5652, 7965, 10635 and 18918 kHz. Transmitter powers are a nominal 500 watts. Reports with prepared cards should be sent to: Dept of Civil Aviation, Balls Head, Waverton, NSW. Australia.

STATIONS QSL POLICY:

Often Ute Dxers receive letters from stations which state that due to I.T.U. regulations they can not verify. Do not be dismayed as these stations are very few; U.S. Air Force stations do not confirm a Dxers report. Acknowledgement takes the form of a "SWL card" only. Other stations which acknowledge with a worthless letter are: Switzerland PTT, Israel PTT, N.Z. Post Office British P.O. and all Cable & Wireless Ltd stations. Remember, no station is under any obligation to verify your report and usually does so as a matter of courtesy. Never demand a QSL.

UTILITY TRAIL

19

437.5	0550	ZLD Auckland, marine traffic, CW	AB
2012	1021	Ship 'Arahanga' in comm with Beacon Hill station	KR
4050	0645	USCG Honolulu in comm with Johnston Is Loran, AM	WP
4291	0710	WAX Ojus, Florida, CW	AB
6204	0908	VRO Suva, Fiji (monitors this freq. also)	KR
6383	0535	EAD Aranjuez, Spain. CW	AB
6704	0920	ZKF Ohakea RNZAF base (heard during Longex exercise)	AB
7404	0650	SOH24 Warsaw, Poland SSB test tape	WP
7720	0720	NST Londoneerry, N.Ireland, CW call to ETR Addis Ababa	AB
7895A	0852	Warsaw, Poland, SSB test tape	WP
7920	0455	VJM MacQuarie Is in comm with Campbell Is. AM	WP
7980	1023	VNV30 Australia OTC in comm with Casey Base	WP
7985	1020	ZAN Shkoder, Albania, CW	AB
8204.4	0942	Ship "Monterey" (KFCN) in comm with KMI	KR
8236	0804	Ship "Canberra" (GBVC) with test tape Id.	KR
3283	0745	USCGC "Northwind" in comm with New Orleans radio	KR
8475	0711	VHP Belconnen ACT, CW	AB
8525	0708	FFL4 St.Lys (F.T.S. Paris) CW	AB
8620	0704	CKN Vancouver, CW	AB
8625	0703	WCC Chathams, CW	AB
8847	0445	5WFA Paleolo aeradio AM	AB
8924	0330	FXW Wallis Is aeradio AM	AB
9032	0658	GEJ Luqa, RAF base, Malta. Wx forecasts in Eng. SSB	WP
9945	0826	CUB27 Madeira, musical test tape and ann in Eng. SSB	WP
11192	1115	??? USSR Volmet, SSB in Eng. Station operates continuously and gives wx info for Novosibirsk, Khabarovsk etc. Anyone and gives wx info for Novosibirsk, Khabarovsk etc. Anyone	AB
12176	1855	Great Britain. BBC feeder in SSB carrying World Serv.	DL
12220	1900	France Telecomm Serv. good in SSB with male vm Eng/Fr	DL
12115	0550	TUP21 Ivory Coast Fr/test tape.	WP
12333.5		Calling frequency for ships wishing comm with VIS Sydney	WP
13168	0620	SVA Athinai Radio, Greece. female vm in AM	AB
13189	0953	Oostende Radio, Belgium, male vm in AM Eng.	WP
13247	1947	USAF Commun St (AFA callsign) Andrews Air Force Base	DL
13272	1920	Gander aeradio. Aviation weather good in AM	DL
13272	1915	New York Radio with Aviation weather. good in AM	DL
13370	0505	WMC23 Oakland, California. (A.T.T.C.) test tape	WP
13390	0510	WMC33 Oakland, California. (A.T.T.C.) test tape	WP
13474	0645	Cuba Telecomm Service, woman in Eng with test tape	WP
14888	0810	Moroccan Radio Electrical Centre, Rabat, t.t. Eng SSB	WP
16200	0150	5WB25 Apia, W.Samoa Govt. PTP stn. male vm SSB	AB
17307.5	1054	Perth G.P.O. on behalf of VIP male vm test tape	WP
17993	0150	Khmer Republic, Phnom Penh, male vm in Eng SSB fair	DL
18902	0400	Sydney Guard, RAAF Flight Watch stn in SSB	AB
19510	0110	Havana, Cuba O'seas RT service, female vm in SSB	AB
20090	0648	Noumea PTT with test tape Eng/French	KR
23430	0840	ZEN234 Hong Kong C & W Ltd. female vm SSB (Does not QSL)	AB
23710	1120	IRV27 Italcable, Italy. male vm in SSB	AB

Credits: AB Andrew Brill; KR Keith Rogers; DL Dene Lynneberg; WP Bill Pearson; Abbreviations: comm; communication; vm; voice; t.t. test tape AM amplitude modulation; CW continuous wave; SSB single side band.

N.Z. RADIO DX LEAGUE

FOUNDED 1948.

ADMINISTRATIVE OFFICE

ANNUAL SUBSCRIPTION: \$4.00
(Secondary Students:\$3.00)

P.O.Box 1513, Invercargill

EDITORIAL OFFICE

P.O.Box 2956, Wellington.

Editor: Bryan Clark.
Publisher: Tony King.

Only correspondence directly related to the content of the Times should be addressed to Wellington. Closing date for contributions: 1st Wednesday in the month.
Advertising: Classified up to 30 words 50 cents. Other rates on request.

National President: A.Mervyn Branks.
Vice President: Eric McIntosh.
National Secretary: Ray Crawford.
Public Relations: Arthur Cushen.
Stationery Sec: Paul Aronsen.
Membership Sec: Bruce Cavanagh.
Competitions Sec: Sutton Burtonshaw.
Hon. Treasurer: Mrs O.D.Crawford.

All subscriptions & enquiries re membership, policy and stationery supplies should be addressed to Invercargill.

..sign-off.

ANNIVERSARIES.

Birthday greetings to the BBC (50 yrs old in November), National Radio Club-USA (40th anniv. 6 October), American SWL Club (14 years old in December), & US DXer August Balbi (82 yrs-20 Dec.).

MAGAZINE DELIVERY.

The November Times was posted at 1600 hrs on Friday 10th November and reports indicate delivery in Invercargill on Monday 13th.

BBC FAR EASTERN STATION TO CLOSE?

According to the "Bulletin", Malaysia has asked the BBC to close its Tebrau transmitters, when the land lease expires

in 1975, apparently due to the Kuala Lumpur Govts desire to adopt a more neutralist stance amongst its Asian neighbours. As a result, Britain has asked Australia for permission to set up a new base on Christmas Island in the Indian Ocean.

MAILBAG.

Thanks for your comments on the new format. We hope space will soon permit a section for members' comments & answers to enquiries.

CLOSING DATE.

This is the date that we clear Box 2956 for the last time before dividing your contributions amongst the various editors. In other words, your notes must be postmarked Monday or airmailed Tuesday at the latest, otherwise publication cannot be guaranteed!

BUY & SELL

WANTED TO EXCHANGE: Eddystone S640, tip top order, for later model with broadcast band up to 30MHz. Willing to pay cash difference.

Write to Mr Bob Boundy, 53 Greendale Avenue, Avonhead, Christchurch 4, or Telephone 583292 Christchurch, collect.

STOP PRESS

A private radio licence has been granted to Radio Avon in Christchurch. Our Canterbury Branch spies say the frequency is likely to be 1290kHz.

Iceland may have resumed operation of its overseas SW service...check 12175kHz at 1200 GMT.