



# NEW ZEALAND DX TIMES

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## TIME FOR CHANGE?

Back in 1979, when Jack Fox became Patron of the League, he suggested that the possibility of introducing a new form of competition based on loggings could be examined, either as an alternative or in addition to those based on QSLs/verifications. He gave as his reasons the increasing costs of sending reports - and costs have rocketed since then - and the increasing reluctance of international broadcasters to send full QSLs. At that time, from memory, BBC and DW sent audience cards only and RCI would give a full QSL once a year only. Since Norway, Sweden and Australia have been added to the numbers limiting their response.

With the changing pattern of response by broadcasters to requests for verifications, newcomers to the hobby can never hope to match an achievement like Arthur Cushen's of over 7500 QSLs; few are likely to match others of our members who have reached the 'Gold Star' level of the Ladder Competition.

Surely, if we are to have competitions, they should be competitive. Nothing is more discouraging to the would-be competitor than the knowledge that not only can you never win but that you are unlikely to reach even the 'top ten' or 'top twenty'. And this not from any want of trying but solely because the conditions of the competition have changed radically since they were set.

One reason given for rejecting a competition based on either taped reports (not taped QSLs) or on loggings is that entrants could cheat. True, but even with the present competitions they can cheat too - it is doubtful whether anyone checks on QSLs or radio countries claimed. Entrants are 'on their honour'.

So - if tapes and loggings are out - why not start again from scratch and begin a new series of competitions from, say, January 1981 and run them over a five or ten year period. Give the newcomers to the art a chance to see how they go against the 'old masters' and make them real competitions in which all members have a chance to see their names at the top.



REMEMBER - 1981



INTERNATIONAL YEAR OF DISABLED PERSONS

**NEW ZEALAND RADIO  
DX LEAGUE**

President: A.T.Cushen, M.B.E.  
Hon.Secretary: Mrs.Irene Simpson  
Administration Committee (Membership, Policy,  
Competitions, Subscriptions) - P.O.Box 1313, INVERCARGILL.  
Editorial (Enquiries regarding content & distribution of the 'Times' ONLY) -  
P.O. Box 2956, WELLINGTON. CLOSING: Noon on 1st Monday monthly.  
Stationery - P.O.Box 450, DAMARU.  
Archives - Paul Ramsay, 67 Wharfe Street, DAMARU.

DEADLINE: Noon - Tuesday, 2 June. Loggings - Veries - 8.0.M. - Ladders  
TV/FM

**FROM THE BRANCHES**

**AUCKLAND:** Twenty members attended the March meeting, the highlight of which was a talk by Mark Nicholls on his way of DXing. Members also said their farewells to Mark whose transfer to Queenstown has finally got the go ahead. **COMPETITIONS:** Broadcast: Senior - Bryan Clark KRE 1400 250 w. Junior - Arthur de Maine KWKH 1130 50kw. Shortwave: Over 9 - Nicholas Pacey Denmark 15165. Under 9 - Barry Williams/Bryan Clark equal Radio Dublin 6910 400w. **NEXT MEETING:** NZART Clubrooms, 3000 Gt.North Rd. New Lynn at 2 pm on 31 May 1981. Enquiries to Jim Gorman - Tel. 2985534.

**SOUTHLAND:** Twenty members attended the April meeting at Eddie MacAskill's when members said farewell to Ray Crawford prior to his move to Gladstone, Australia. The President, Steven Greenyer, paid tribute to Ray's work for the Branch and the League and presented him with a book which was signed by those present. Members heard an interview with a recent visitor to Invercargill, David Appleyard of Sweden, and Eddie MacAskill told of his recent visit to Norfolk Island. **COMPETITIONS:** B.O.M. - E.MacIntosh/A.Cushen both with ZCQ3 Seychelles 1368 10kw, B.Dunstan CHLD St.Thomas, Ontario 1570 10 kW Shortwave: Over 9 - L.Robinson TWR Malta 9670. Under 9 - T.Magon/L.Robinson Dublin 6910 400w. **NEXT MEETING:** Tuesday, 26 May at 7.30 pm at Leo Miezeneek's, 50 Carnarvon Street.

**WELLINGTON:** Next meeting at the home of Bruce Williams, 82 Pirie St., Mt. Victoria (Tel. 859-121) at 2.30 pm. Sunday, 31 May 1981. A decision will be made whether the Branch can run Convention 82. All members in Wellington-Hutt welcome. Transport available.

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**RADIO VEMARANA**

Readers will recall that in our December issue we noted that Robert J. Schnell was prepared to verify reports of reception of the short-lived, clandestine radio station "Vemarana" on the island of Espiritu Santo in the New Hebrides. Through Ray Crawford, we have now received a copy of an article by Mr.Schnell which deals not only with the operation of the radio station but also goes into some detail on the history of the islands and the politics of independence. Members of Magcom have read the article and are of the opinion that it is not suitable for publication in the 'Times'. The article is far too long - 8 pages of single space typescript - and is of limited relevance to DXing since only a very minor part deals with the actual operation of the station. Lastly it is extremely contentious in tone and this by itself makes its use by the 'Times' unsuitable. We would however be very happy to publish a greatly abridged and edited version and much regret that Mr. Schnell has stated quite categorically that there is to be no editing which makes this impossible.

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**DX SPECIAL**

Arthur Cushen advises that he has been informed by Dick Speekman, Melbourne, that he has provided Radio Australia with a pilot programme of up to 15 minutes of information for a new programme, AUSTRALIAN SHORTWAVE MAGAZINE, to be broadcast by RA. It could be on a monthly basis or even every two weeks. The first broadcast is expected in late May or early June. AUSTRALIAN SHORTWAVE MAGAZINE will contain DX information as well as news for the DX listener from Australia and New Zealand and interviews with those interested in the hobby. Dick Speekman is looking forward to the new challenge of presenting this programme, which will have no DX Club affiliation, for Radio Australia by Radio Australia.

Arthur suggests that the ending of the DX session and Club Forum has meant that RA has suffered a loss of mail and listener interest and that it now finds the cancellation of these two programmes has been detrimental. The new programme is an effort to regain a lost audience.

**BROADCAST DX**

POR EL PERSONAL NECESARIO

**TRIBUTE.** First up this month is not the regular station news, but a tribute to one of the Editors of this section. Raymond Crawford has been an editor of this section of the Times since it first returned to Invercargill in the mid seventies, The majority of our readers will have little idea of the time Ray has devoted to compiling and typing these pages. Often he typed the majority of the section and on occasions all of it. While these pages are the responsibility of the Southland, B Ray has always ensured that the copy was done in time. Ray is now off to Australia and it is only fitting that this column be used to thank Ray for the work he has done not only for this section but for the League also, and wish him and his family well in their new home town.

Radio Sunshine 4XR 1548, operated from Gore over Easter Weekend and raised over \$4000 for a local kindergarden, Reports to P.O.Box 2118, South Dunedin, although last months addresses should still be OK.

Have you been hearing VOA programmes on 1580 Khz ? VOA Antigua, new relay base closes at 0400, should be very possible in the next month or two. A.Cushen.

We have news to hand of a proposal for a new Private station, Radio Hawkes Bay, application has been made to the Broadcasting tribunal for a warrant for 1125 kHz at Waiohiki, and a relay on 1548 kHz at Takapuna, power of both txs to be 1 kw. Studios could be in Napier or Hastings. The station plans an alternative easy listening formate, with 2 1/4 hours news a day. Jack Searle.

Foveaux Radio has opened on 1224 kHz in Invercargill and has already made a big splash in more ways than one. It has been heard in Australia and logged by DXers there.

**MAILBAG.**

RAY CRAWFORD, Invercargill. and by the time this mag reaches you Aussie, has reports to 4XP, 1st report, Rhema 1269, Sunshine 1548, 4XQ, KFWB, KZLA, KMBZ, WSIX, WXOK, Continental 930, La V. del Ruiz 1180 CFGM and XEMS. verise are 3AW, 7FG, 2ZB, 5PI, 1ZE, 1ZN/ZK, 2CA, 2UH, 2AP 1404, 1359, Israel 738, JOAR, CBA, Active 1233. see you later.

NORRIS STURGESS, Rotorua, sent us a long list of NZ stations, not sure if they are logs or not Norris, let us know if you logged the stations or just heard them.

CHRIS MARTIN, Sydney, has logs of Onda Popular 1040, America 1010, Medallin 990, Estacion X 985, 4XF tone test, 1XX, 1XP, 1XI, DYPX and 3MT. QSLs are KRZI 1580, WOKB, KGMS 1380 (Cal 75) VOA Rhodes 1260 Sanaa Yeman 1205 for Country 154. Good.

DAVID RICOUSH, Wellington, has no logs, but a plie of veries from 1ZA, ZD, ZH, ZO, ZU, 2XA, ZG, KSSK, KNUI, KLEI, KNIO, WCBS, WPTP, CBU, CFPR, Tahiti 738, Solomons 945, Country 56, Tonga 1017, and all the Hawaiians are now verified. good.

KEITH ROBINSON, KAPUKA. has reported 2MC, 2Xn, 4XR, and verified 4RK, 4QY, 2MC 4XR, 4XW thanks.

MICHAEL SMITH, Opunake. Reports 4YA 2ZM, XERF, XEX, VL2NI, 4XR, HCEW2, XEEP, Hanoi 680, HSKS 909, and one verie from 2ZM, some good loggings.

DENE LYNNBERG, Pukerua Bay. has reports out to Rhema 1269, Gore 1548 and BSKSA Damman 1440. veries in from 1XB, 1XG, 3ZM, 2XA, 4QR 612, 4QD, VOA Thailand 1575 2AP 1359. ta.

ARTHUR CUSHEN, Invercargill. has reported 2XN, 4XR, WSIX, KARZ, KOPI, HJKN, HJFX, HJCS and HJTZ. veries are 2XP, Blak 1044 after 4 years 4GN, 4XQ, 4XA, Seychelles 1368, good.

BRYAN CLARK, Auckland. reports from East Cape and Pauanui, KUAI 1550 tone test, KBAI, KVEG, HJFB, HJCB, OEX D, HJLK, KGTL, Homer Alaska 620, last months Unid trail, Nicaragua 620, and from home, Sunshine, and Rhema 1269 Nelson. good to hear the Alaskan. QSLs are WCBS, KLEI, KNUI, KDEO, KBAI,

BOB DUNSTONE, Invercargill, reports KXYZ, CFGM, XEMS, KTOM, KZOO, KDIA, KGNR, KZLA, KISA, KABC, KARN, KJJJ, Bahamas 1540, Portena 1550, Sunshine, veries from, Sunshine, Sutatenza, 700, WHAM, CHLO, some good Yanks.

ALAN GILMOUR, Greymouth. reports WBBM, Radio B 1404, and has verifications from CFCN, and JOBB, ta.

# BROADCAST DX

## Barbados Broadcasting Service Granted Ten Years Licence.

Barbados will have another Radio Station in 1981. The new station, will be known as the Barbados Broadcasting Service (BBS), and will transmit on the AM/FM airwaves. The proposed new service by Crown Carribbean Publications Ltd, followed communication from the Ministry of Information that the Government had approved the Company's application to operate a radio system. The licence has been granted for ten years, initially, at a fee of \$25,000 a year. The transmitting station will be in St George, and BBS will broadcast from studios in Bridgetown. Broadcast Equipment is expected to cost \$1 1/2 million and was expected to take 9 months to install, however the exact date BBS is scheduled to go on the air was not revealed. BBS will begin operations with a staff of 27, including administrative, news gathering, technical and programming personnel. Crown Caribbean Publications Ltd, a small limited liability Co, comprising of local shareholders, was incorporated in 1969, and has been producing periodical magazines, newsletters and other printed material. The radio service will be the third in Barbados. The other two are the Govt owned Caribbean Broadcasting Corporation, and the Barbados Rediffusion Service Ltd, which was granted an AM/FM licence in 1979.

Source of the above was from a newsletter of the High Commission for Barbados in Canada, via Theo Donnelly.

### NEWS. NEWS.

**HAWAII.** Alan Roycroft advises a new Honolulu station is planned for 1310 kHz, and a power boost for KHLO 850 from 1 kw to 5 kw. Also from Alan Roycroft, airmail from USA to NZ is now 40 cents, he only gets 15 cents for an IRC, so be sure to send sufficient US postage, or at least 3 IRCs with future Hawaiian or US reports.

**PACIFIC LOG.** A new 2 page updater for Chris Martins Pacific Log is available from Bryan Clark, P.O.Box 3011, Auckland, for two twenty cent stamps. A few copies of the Log with the updater are also still available at \$5.50 post paid. This ninety page publication is a frequency by frequency listing of medium wave stations in Australia, NZ, Pacific Japan and the Philippines, with full details of operation, address, networks etc.

**CANADA.** In the 2/2/81 WRC news John Oldfield reports that the CBC have plans to switch to FM, leaving just a handful of AM stations, in a couple of years. Already announced are moves to FM for CBD, CBZ, and CBAF. BC.

**DAYLIGHT SAVING.** THE current situation,  
 15 March-11 Oct. Cuba.  
 28 March-22 Sept. Greece, Czech.,  
 29 March-24 Oct. Ireland, U.K.  
 29 March-26 Sept. Austria, Belgium.  
 Cyprus, Denmark, Finland, France,  
 Germany E&W, Greenland, Holland,  
 Hungary, Italy, Luxembourg, Norway,  
 Poland Portugal, Spain, Canary Is.  
 Monaco, Switz, Sweden, Belize.  
 1 April-30 Sept. USSR, Moscow.  
 4 April-25 Sept. Rumania.  
 5 April-26 Sept. Bulgaria.  
 24 April-29 Oct. Algeria.  
 26 April-30 Sept. Albania.  
 26 April-24 Oct. USA, Canada, Bahamas,  
 Bermuda, Jamaica, Baja California,  
 Turks & Caicos. B.Clark.

**INDONESIA.**  
 A visit to Bali revealed that the m.w. scene is completely rearranged to the WRTM listings for Denpasar.

666 Radio Kenara.  
 774 Radio SIS.  
 833v Radio Y.B.S.  
 936 Radio A.R.  
 1026 Radio Casanova.  
 1206 RRI Denpasar.

DUDXC Geoff Cosier via BC.

### TIWAI TRAIL.

- 590 KSSK Ballgame Ex 0715 19/4
- 600 KOGO Excellent signal 19/4
- 640 KFI Fair to good 0910 19/4
- 650 KORL Ex with music for your life" 07 30 19/4
- 680 KNBR Good 0800
- 690 KKUA Ex 0710
- 770 KOB Ex with weather 0720.
- 790 KABC Good 0725 " Bill Gibson Show".
- 910 KJJJ Good 1015 19/4
- 920 KARN Talkback 0730 Good.
- 930 KKHJ Fair 0800 19/4
- R Continental Columbia 0800 17/4
- 950 KPRC Ex at 1028 s/on with SSB & prayer 22/4
- 960 KARZ Wx good at 0810 19/4
- 970 XEJ I/D 0740 fair 18/4
- KPUA EX 0700 19/4
- 980 WSIX Fair with NBC Nx 0800 18/4
- KFWB Good 0738 Nx 19/4
- KMBZ Fair under WSIX 0720 18/4
- 1000 KOMO fair Wx 0805 19/4
- 1060 CFCN Good Nx 0745
- KYW fair under / over CFCN
- 1100 AFAX Rlgs good 0705 18/4 Nx 0800 19/4
- 1110 KHEI Fair mixed KRLA KFAB 0700 19/4
- 1140 KRAC CW excellent 0850
- 1180 WHAM Nx 0700 good
- La Voz de Ruiz Colombia 0730 17/4
- R. Petrolera Venezuela Ex Sig. 18/4
- 1210 KZOO fair/good 0910 19/4
- 1280 R. Musical Col. EE POPS 0645 good
- 1290 KMEN Weather 0652 18/4
- 1310 KDIA fair Nx 0600
- 1320 KGNR Buy sell or Exchange 0610 good
- ,CPGM 0800 " the early hours " pgm.
- 1440 KVON Sports 0630 good 18/4
- 1460 WKOK 0620 briefly 18/4
- 1480 KYOS good 0815 19/4
- 1490 XEMS R. Mexicana good 0815 13/4
- 1500 KUMU good 0630 19/4
- 1530 KGBT Ex in SS 0600 .
- 1540 KZLA good " All Country Music"
- KISA good 0630 over KELA 19/4
- Bahamas good pgm. notes 0625 22/4
- 1550 KGAR Wx 0950 good 22/4
- 1560 KPMC fair 0640 19/4
- WQXR Classical mx 0930 22/4
- 1570 CHLO & CFOR mxd both Nx 1000 22/4
- 1590 WAKR good 0900 Nx 22/4

TIWAI TRAIL . credits: R.Crawford, Bob Dunstone , S. Greenyer ,A. Cushen.

### BROADCAST TRAIL. cntd.

- 585 PNG Ex Nx and Ads. 1300 MS.
- 590 Cuba SSfair 0830 MS.
- 620 YNGR La Voz de Nicaragua, 0858 BC.
- 680 Hanoi Vietnamese comm.1130 MS.
- 725 Surinam fair DD0933 1/4 & 2/4 BC.
- 730 XEX SS.good 0700 MS.
- 738 Tahiti FF pops Vg 0550 MS.
- 740 KTRH s/off good 0600 MS.
- 909 HSKS R. Thailand chimes &NxS MS.
- 930 ? R. Antilles? Rlg. good MS.
- 1000 KOMO Nxs fair 0800 BC.
- 1130 KSDO s/off 0805 then KWKH BC.
- 1150 KBAI full i/d s/o 0758 BC.
- 1230 R. Calidad regular 0840 BC.
- 1400 KVEG C/W fair 0632 31/3 BC.
- 1520 R. Reloj Talk pgm. 0603 30/3 BC.
- 1550 KUAT i/ds tune test 0758 1/4 BC.
- 1566 VL2NI V/good Top10 0735 MS.
- 1570 XERF EE rlg. 0600 MS.

TRAIL credits . Michael Smith, Bryan Clark.

## BEST OF THE MONTH

Bob Dunstone. CHLO, St.Thomas, Ontario, Canada. 145 pts.

LINDSAY ROBINSON, Invercargill.  
 has Veries from Fiji 558, 4XR 1548, 4ZG, 2XM.

IAN CATTERMOLLE, Blenheim.  
 Has them back from 4QN 2AP, 540.

ALEX WELLNER, Bondi.  
 Has reports out to KHVH, R Pacific, 1ZC, 1ZA, 2YM, WVUV, VOA 1575, and veries from 1ZC, 2YM.

Radio Rhema Nelson, 1269 kHz, news of it arrived too late to make last months times.

NOTE. Please keep, medium wave notes separate from mw ladder totals, as the two sections are compiled in separate locations.

⑥ bits & pieces put together by Cecil Symmes

Well this month we've heard from Bob Logan, Auckland, Tony King, Wellington, Paul Ormandy, Damaru and Tim Austin, Invercargill - a nice spread, geographically - and then, of course, there are the Otago Daily Times cuttings from Ken Powley. The O.D.T. must publish more about radio than almost any other paper in the country judging by what Ken sends. Thanks, interesting even if I can't use much. Back to the letters. Bob wrote that the 'exotic digital clock' mentioned in the Auckland notes in April is a Kenwood HC10 World Clock. Features are the display of local and GMT, date and nine other world cities automatically programmed. Also memory and recall. He comments that it is an expensive piece of equipment but that he likes what he has got. Sorry I can't include a reproduction of the illustration, but the quality isn't too good.

Tony's comment is on the FM and he points out that the stimulus to get it off the ground comes from the independents and private enterprise is pushing to run it. FM, he says, can go on air without one cent of Government money being spent - simply the right legislation and private enterprise freedom akin to Radio Windy etc. There are estimated to be 600,000 FM equipped sets in NZ now so not too many fat cats in the early stages. SW is really a different issue altogether. Fair enough if Government and RNZ are willing to let the privates handle it - which I doubt - and if they don't, it IS going to cost the taxpayer and SW will be one of the other sufferers.

Following a DXpedition at Easter to Kakanui on the coast 7 miles south of Damaru where he erected three aeriels over 200m long (nice mixture of metric and old style there, Paul) we are told something about Tropical Band DXing. Will come back to that further on. Lastly, Tim mentions his contacts with a number of Time Stations - utilities can be an interesting aspect but for a number of reasons, the 'Times' has no section covering them. Tim has also put up a small display of QSLs and Pennants in his school library and has answered questions put to him about the hobby. Good effort, Tim, and don't be discouraged if some folk don't think much of the hobby - it takes all sorts!

Now back to Paul Ormandy:

TROPICAL BAND DX - an essay by Paul Ormandy

During the recent Easter period I spent a lot of time DXing Africa on the 60 mb. While doing this I began to realise the fundamentals necessary to obtain a worthwhile QSL from a worthwhile effort.

Point 1 : Don't assume that the station you are hearing is Angola 4820 when on the hour 'A.I.R.' is announced - and make sure your contributions to the 'DX Times' are 100% correct. I suspect that many, including myself, are guilty of passing a station briefly and of assuming that it is, say, Djibouti 4780 and not R.Moscow which dominates. Of course this doesn't apply to Tropical Band DXing only but to all DXing.

Point 2 : I shudder when I think of the number of wasted postage stamps, gifts and so on for the want of spending half an hour or more logging a broadcast of the domestic type so common on the Tropical Bands. Don't spend only 15 minutes - a lot of these stations don't keep station logs as do the international broadcasts and rely on the report being of a programme substantially similar to that they transmitted. Remember - PATIENCE IS A VIRTUE and don't hurry on after logging Mozambique in the hope of finding more exotica.

Point 3 : PERSEVERANCE IS ALSO A VIRTUE - band conditions change all the time. For example, on 1504 Namibia (4965) came through well at 1700z but faded at 1720z. It was the only African easily audible in this period. Namibia was not heard again until 1904 when it suddenly appeared at 1856z with a church service. Also on 1904, a very ordinary morning with none of the signals as good as on 16, 17 and 1804, Mozambique was an easy log.

Point 4 : It may be necessary to log a station over consecutive days, even, occasionally, over a week or two before getting enough for a good report. It took 3 days to get a good log of Niger and Sao Tome and 5 days to log Namibia. The use of a timed recording facility such as is built in to many new communication receivers is very handy for this purpose.

(CONTINUED ON NEXT PAGE)

Tropical DX

To summarise: BE SURE : ⑦

1. That you have 100% positive identification -
2. That the tips you send to the 'DX Times' are also 100% correct -
3. That you have adequate verifiable date - the more you put into a report, the better the impression on station personnel -
4. That you hunt around - you'll be surprised what you hear -
5. That you log what you hear, when you hear - don't wait for conditions to improve, the chances are they won't.

If you can adhere to these guidelines you will find the Tropical Bands the ultimate DX paradise. There are plenty of exotic catches just waiting for the patient, persevering DXer and remember:

A worthwhile QSL deserves a worthwhile effort

NOISE

Freudx in February this year carried an interesting article by Peter Martins, Principal Engineer of Radio RSA, on NOISE and REPORTING. He made the point that it is most important not to confuse INTERFERENCE which is manmade noise, i.e. local domestic appliances, jamming, other stations on the same or a close frequency, with NOISE which is created by natural causes, e.g. atmospheric and galactic noise. Martins suggests that most broadcasters prefer monitors to omit the noise rating as there is nothing the broadcaster can do to improve reception in the event of noise being experienced. In the same way, the broadcaster can do nothing about propagational conditions, P in the SINPD code, of fading which is F if SINFD is used. He says that at RSA they prefer a SIFD as it gives a better insight into actual reception quality experienced. The point is made that if a SIFD reading of, for example 5542 is given, the only degrading factor can be noise. This, therefore, stresses the importance of the 'O' in any report. Finally he says that Radio RSA are of the opinion that so far as the recipient is concerned, the overall quality of a signal is either satisfactory or it is unsatisfactory and accordingly the overall reception can be reported as either 'S' or 'U'.

What do you use? Think members would be interested to know what receivers, preselectors, ATUs, filters, antenna, tape recorders, loops (have I forgotten anything?) others are using. Please let us know and any comments, criticisms or what have you, you may want to make.

CHRISTMAS ISLAND

AWR-ASIA advises that a new MW station was inaugurated on Christmas Island in the Pacific in July 1980. The station, frequency not stated, relays programmes of T3K1, Kiribati, which are relayed on a 10kw SSB utility transmitter over the intervening distance of 2000 miles. This is said to be the third radio station on Christmas Island, the earlier ones being WUUU 1480 kHz 75w which operated from June 1944 to January 1946. It was an AFRTS station. Next was BFBS with 1450 kHz 100w which operated from 1962 to 1964.

LATE ITEM: Massey University Students' Assoc. has been granted a short-ten licence to operate on 1584 kHz with 100w from 0600 to 2400 hours (NZ Time) on 26 June to 11 July 1981 inclusive.

You'll go LOOPY over

this OFFER !

Basic MW LOOP KIT

consisting of 200 ft plastic covered wire, and 440pf 3 gang tuning condensor; step-by-step instructions - you can't go wrong !

You supply the wood, screws or wing nuts; an hour's work and you've GOT IT MADE !

\$ 8

Includes postage.

Rush order to Tony King, Box 3160, Wellington.

# 8 CONTINENTS LISTING

with Philip Hamlin  
in WELLINGTON.

This month features members' exotic (or most favoured) QSLs from Europe - a very popular area for DX. Before we see who has got how many and where; little explanation - a  $\pm$  by your name shows deletion if new totals are not received for next time and by the Pacific total, it shows AFAN has been verified.

BROADCAST	A/Hz	Pac	S.Am	C.Am	N.Am	Eur	Afr	Asia	Ont	Total
Arthur Cushen	596	115	25	87	1062	133	29	446	151	2493
Keith Robinson	620	93	26	66	1177	110	8	272	118	2372
Ray Crawford +	508	84	61	52	309	111	38	350	163	1513
Robin Chambers +	294	61	14	33	274	96	20	199	120	991
Chris Martin (Aus) +	164	56	9	45	211	73	39	133	152	730
David Riquish	340	75	5	12	190	6	-	48	56	676
Bryan Clark	146	60	35	38	168	26	5	41	94	532
Hank Wilkinson (USA)	88	46	79	110	52	14	2	128	79	519
Michael Smith	88	19	1	7	120	5	2	15	41	257
Stewart Forsyth +	192	19	1	4	18	-	-	2	14	236
Gunter Jacob +	-	-	-	-	6	161	4	2	34	173
Jim Gorman +	97	7	-	-	-	-	-	2	7	106

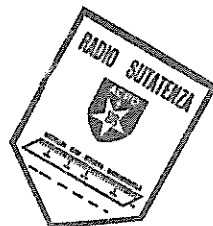
SHORTWAVE	A/Hz	Pac	S.Am	C.Am	N.Am	Eur	Afr	Asia	Ont	Total
Arthur Cushen	304	282++	459	231	350	1802	520	1047	268	5097
Ray Crawford +	107	66++	180	74	116	652	129	357	172	1681
John Mainland	32	54	85	74	133	708	243	309	210	1638
Bryan Clark	141	49+	80	39	121	453	280	201	210	1357
Gunter Jacob	131	9	121	36	81	569	148	231	128	1326
Peter Jones	45	29	36	21	53	439	58	97	123	778
Keith Rogers +	40	15	35	28	51	289	51	146	130	655
Jim Gorman +	68	17	23	14	36	225	16	142	77	541
Cecil Symmes +	82	19	14	13	47	155	29	112	107	471
Leigh Morris	13	18+	25	26	17	127	39	91	126	356
Brian Gall +	8	16	11	11	20	115	22	70	100	273
Stewart Forsyth +	18	6	10	5	9	94	6	23	62	171
Ian Wells +	9	13	12	9	17	58	4	41	64	163
Philip Hamlin	10	8	19	10	5	65	6	27	67	150

### Best European QSLs:

On Broadcast - Michael Smith EFE-25, Spain 1570 2kw (Muy bueno!); David Riquish Radio Monte Carlo relay on Cyprus 1232 20kw; Bryan Clark Rennes 1241 24kw; Arthur Cushen Voice of 8th Army Italy 1241 800 watts;

On Shortwave - Bryan Clark Radio Dublin 6315 200w; Arthur Cushen LLA Norway 25900 100w; John Mainland Polish Pathfinders 6852; Peter Jones SDR Muhlacker 6030 20kw; Philip Hamlin Radio Jugoslavia 9620.

FEATURED CONTINENT FOR NEXT TIME IS SOUTH AMERICA - lets have your most exotic QSLs from this area!!!



Rádio GAZETA

SÃO PAULO

9

# Shortwave Mailbag

compiled by  
BILL HUDDLESTON

I have often wondered, what would be the long term effect of the restricted verification policy of some of the larger countries? The continuing increase in the cost of postage, and the many other factors that turn a DXer into a Shortwave listener. Has the days of large numbers of verifications gone? In favour of the more selective drive to increase the countries list. Shortwave stations seem to point to the fact that the days of DXer's collecting two or three thousand verifications is come to a close. Making way for more constructive DXing. Quite a surprise the other day to receive a very attractive full detail card from The Voice of Asia, Taiwan, after a wait of 20 months. This is only the second card I have seen from this station. I also note a verification from RFI International in Gabon, this also must be a first verification to this country. Other verifications of interest are from R. Tabajara, Brazil, FRCN Enugu, Kampuchea, and Bafoussam. Now to open the smallest mailbag for quite sometime. This month we welcome Norris Sturgess, Rotorua to the page.

Douglas Doull Auckland has 8 reports out and veries back from R. Renasenca 11745, Beijing 17635 with panda pennant Vatican 9615, Thanks Douglas.

John Mainland Wellington has QSLs back from WYFR 15380, 21525, Bafoussam Cameroon 4000.

Alex Wellner NSW Australia has 4 reports out and has verifications from XERMEX-15430, Dubai 21700, Bucharest 15335, Lagos 4990 good to hear from you.

Bryan Clark Auckland has one report sent out, and QSLs back from FRCN Enugu, with key ring, Oslo 17840 plus 'globe' decal. Prague 21505

Paul Ormandy Wellington has 12 reports sent out 10 of these being new countries and veries back from Kabul 15077 Thx.

Ian Cattermole Invercargill has QSLs back from AIR 17875, Indonesia 15150, Ghana 3350, AFRTS 9535, Tabajara 4795.

Paul Schnell Palmerston Nth. has QSLs back from V.O. Indonesia 15200, SIBC 4945, FEBC 11890, Budapest 9835, SRI 11715,

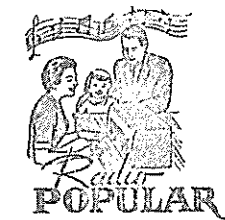
Bill Huddleston Auckland has 6 reports out and veries back from Voice of Asia Taiwan 5980, R. Nacional Brazil 17830, ORF 15560, RN Lopic 17605, TWR Monte Carlo 9495, Finland 21465, RM Moscow 5920, KTRW 17770, AIR 15110 17875.

Tim Austin Bluff has taken time off from his studies to report veries verifications back from Vatican 11740 VOA 15410 after 16 months, VOA 17700 15400 15205, + booklet. BBC 11750 9510.7230 15400 25650 9410, Peking 9020, 9080, sorry Tim but the others are time signal and not now exceptable in The League. Keep up the study.

Bill Jolly Kawerau has 6 reports out and verifications back from HGJB 21480 with 50th anniversary card. Norway 25730, TWR Monte Carlo 9495 Thanks Bill.

Dene Lynneberg Pukerua Bay has 10 reports out and veries back from RRI Padang 6190, R. Andorra 6220, RCI Sackville 9760, Fujian Front Station 3400, San'a Yemen 4835, Tnx.

Norris Sturgess Rotorua has QSLs from his first reports from Israel 15105, Kuwait 11650 15345, I hope you many happy hour DXing.





# Shortwave Mailbag

Alan Gilmore Greymouth has 4 reports out and QSLs back from ZYF 4895, RAI Rome 5990, RNZ 11675, VOA Munich 3980. Thanks.

Jack Searle Haumoana V.O. Indonesia 15150, Dubai 11755, R. Sweden 6065 15390, RM Dushanbe 7115, I have a few quiet months myself Jack, Thx.

Jim Benzoni Hamilton with no reports out, but veries back from Saudi Arabia 15060, Rai 15315, RM Moscow 12070 12010 Irkutak 21530.

Peter Jones Hamilton Has been hard at it with 108 reports out, and veries back from REE 7275, Kiev 15275, RFI 21580, BBC UK 7150, RAI 21690 + pennant, Veemarama 3522.

Arthur Cushen Invercargill has a good list of verifications from Austria 9505, KGEI 6030, Vatican 17730 11810, Dublin 6910, Renascenca 11745, Indonesia 15150, NHK (Sines relay) 15170, Vilnius 15100 RNZ 11675, Dubai 11755, OUR 11695, RFI Dubai 15320 Moscow 9685, Thanks.

Lindsay Robinson Invercargill has 6 reports out with veries back from Dublin 6910, Malta 9670, Dubai 15320 11755 21700, Solomon Islands 9345, KTWR 17770, Hilversum 15560. THX.

In a letter to Ian Cattermole, the manager of Radio Nacional do Rio de Janeiro make the following comment. Radio Nacional do Rio de Janeiro does not answer reports for lack of time and personel. We appreciate your co-operation. Our International Service which broadcasts every day in English and would be pleased to verify reports. The International service is located in Brasilia, the capital of Brazil and not from Rio de Janeiro. Thanks Ian.

Ron Service Abhurton. has verification from VL2UV University of New South Wales 1720, and 1750KHz Trevor tells us that the 1750 KHz transmitter is at 'One Point West' and is a AWA. BTM. P-5 with 300 Watts on a vertical antenna. While the 1720 KHz transmitter has a power of 160 Watts at its antenna, 35Ft.

umbrella type on top of a 16 floor building Ron can record the University lectures with 99.9% readability. many thanks its a long time since I verified these.

Stever Greenyer Invercargill may have the last verification for some time from the American pirate KVHF 6420.

## BEST OF THE MONTH

### Under 9 MHz

Radio Dublin 6910Khz 400 Watts  
135 Points

Arthur Cushen Invercargill  
Lindsay Robinson "

### Over 9 MHz.

Radio France International Gabon

15435 Khz. 500KW. 92 Points.

Arthur Cushen Invercargill

Brian Webb Upper Hutt with veries held over from last month has Vatican 11810, IBA 17865, ORU 21525, ZYE355 15125 15290 17830 with very attractive sticker and photos. WYFR 9705 11850 11810 15215 15380 17805, Dubai 11755, AWA Columbo 11800, Norway 9590 21730, RN B-9715 9770 with new colour cards, RSA 15220 17780 21535, NHK 9505 9670 15430, KTWR 11840, 17770, REE 9630 11730, ORF 6155 15410 21640, Moscow 6030 6115 7420 12010 15135 15185 15305 15480, HCJB 9760, FEBA Seychelle 15400 aud card, BBC 11955 21710, quite a list, do you ever sleep, Brian.



## Voice of Asia 亞洲之聲

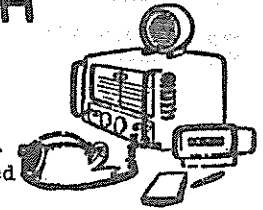
This is to verify that your reception report on ENGLISH program on 5980 KHz from 1031 to 1130 GMT on Aug 10th 1979 corresponded with our station log of the same day. Thank you for your interest. Further report are welcome.

QSL

# SHORTWAVE BANDWATCH

with BARRY WILLIAMS of Auckland

Like myself most DXers seem to be having a quiet time. The expected improvement in Latin American reception did not eventuate but there are still some good African catches being made. Quatar, a difficult county to hear over recent years is now being heard and should be logged while coming throught. I am afraid not muck else of major interest so lets get on with Bandwatch.



All times are GMT Add 12 hours for NZ time Frequency in khz

FREQ	TIME	COUNTRY	STATION	PROGRAM & RECEPTION DETAILS	INITS
1705	1100	AUSTRALIA	3RPH Melbourne	Test broadcasts with readings of radio and TV programs .Heard irregularly .	AC
3222	0530	TOGO	Lama kara	.Native music . first in on90 mx followed by Ghana on 3366 khz .	PO
3396	1800	ZIMBABWE	ZBC Gwelo	, Fair in English . Only African audible at this time on 90 mx.	PO
3762	1423	INDONESIA	RKPKD Ruban	, Heard fair strength with popular Indonesian songs at 1500 .Carried relay of RRI news preceded by " Love Ambon "	DL
3925	1000	JAPAN	JOZ Tokyo	, fair with music program .	DR
3980	0613	GERMAN FED. REP.	VOA Munich	, VG in English recently . Also noted were SBC 3985 khz and RFI Paris 3965 khz .	PO
4740	1700	AFGHANISTAN	Kabul	, Program in Pushto ; Good ,indiginous music	PO
4750	0505	CAMEROUN	R.Betoua	, Good signal . French ID .	OC
4754	1620	MALDIVES	Male	, Fair with light music and IDs as "Radho. Divehi" News at 1700 then Big Band music till s/off 1730 .	PO
4765	0555	LIBERIA	ELWA Monrovia	, Fair at s/on an English . Religious .	OC
4777	0515	GABON	Libreville	, Strong signal with musical program .	OC
4782	1100	COLOMBIA	Radiò Tres Fronteras	. VG with Latin Pops and Coms.	PO
4783	0600	MALI	Bamako	, fair at s/on with French IDs " Ici Mali "	PO
4800	1700	RIY QRM	No sign of 4825 khz .		PO
4801	0330	LESOTHO	Maseru	, Best African in Morning . Church Svce "aster Sunday til 1800 then Ids and 10 mins. of local news . fade 1920PO	
4807	0530	ECUADOR	R.Popular Independiente	.Cuenca , First Ecuadorian station in . Other LAs Sutatenza 5075 , Luz y Vida 4850 , Colossal 4945 ,Loreto 5050 , Ecos del torbes 4980 ,Continente 5030 ,Cinco 5040 ,Quito 5020 , Gran Colombia 4912 , Santa Fe 4965 , Chicaycocha 4860 . Atlantida 4790 , Rumbos 4970 , Federacion 4960 , Brasil Central 4985 , & Spendit 5025 khz	PO
4810	0443	SAO TOME E PRINCIPE		, Fair at s/on quickly deteriorating till 0600 fade out. Portuguese folk tunes .	PO
4835	0502	GABON	Africa Number One	, First African in and best through evening till 0620 fade out .	PO
4837	0540	SOUTH AFRICA	RSA	Poor with English Svce. News .4880 Africans on 4880 khz usually better . Church on Sunday 1825, Good JS UNIDENTIFIED , African ? Presumed because of fade in/fade outs . occasionally heard with Koran . Arabic music . Also heard 1740 to 1910 fade out . ( Can anyone help here ? Ed.)	BC
4845	0557	MAURITANIA	Nouakchott	, Fair at s/on Arabic .	OC
4850	0515	CAMEROUN	R.Yaounde	, Good English . ID Q530 .News 0545 .OC	AC
4853	2000	YEMEN	Sanaa	, Still easy log with Arabic music . Heard from 1600 .	PO
4855	1758	MOZAMBIQUE	R.Mocambique	, s/on with drum Interval signal then English .News followed by music . fair .	PO

FREQ	TIME	COUNTRY	STATION	PROGRAM & RECEPTION DETAILS	INITS
4880	0445	SOUTH AFRICA	SABC	Fair sig. with French ID. s/off 0525	OC
4882	1811			UNIDENTIFIED. Strong with Arabic announcements & music. Who 7	PO
4890	1125	PAPUA NEW GUINEA	NBC Port Moresby	Fair with Rel. program	FC*
4910	0500	GUINEA REP.	Conakry	Poor signal with English news to 0511	OC
4934	1850	KENYA	Nairobi	with program of Arabic style music. ID at 1901 " Hi nii Mombassa ". Suffer s from RTTY QRM. ( Would like this checked out as thought we had solved ID of this Kenyan outlet. See Times June/July 1980 .ED )	PO
4950	1403	MALAYSIA	Sarawak	News in English, Fair.	FC*
4965	0515	NAMIBIA	Windhoek	Good signal with IS at this time. 1700 relay of SABC with English news till f/out 1720	OC PO
4980	1615	AZAD KASHMIR	Muzaffarabad	Good with play till 1700 then ID.	PO
4990	0500	NIGERIA	Lagos	ID followed by time signal & news, fair.	BC
5020	0530	NIGER	Niamey	s/on French. Fair-good. Often RTTY QRM. Often Koran 0532 then local music.	PO
5020	0720	SOLOMON IS.	H4BS	English news, heard to after 1000	NS
5039	1815	SUDAN	Omdurman	Heard only once with news in Arabic.	PO
5920	0500	USSR R.	Moscow	Good in English // 15265 khz	PO
5980	0211	SOUTH AFRICA	RSA	Good signal English	FC*
6000	1859	MALTA	DW Cyclops	English ID, 1900 Arabic, Strong.	JB
6005	0800	CANADA	CFCX	Good with CBS news and talkback. CFRX the only other low powered Canadian audible.	PO
6020	1218	USSR R.	Moscow	good in English with the " The Way We See It " and news in brief on the half hour.	DL
6040	0124	GERMAN FED.	REP. DW	good signal with English news.	FC*
6060	0723	ARGENTINA	LRA	Latin music	FC*
6090	0810	AUSTRALIA	ABC	Local news, excellent.	JW
6120	1240	PHILIPPINES	FEBC Radio	International good in Manadrin with Gospel. Slight QRM from Chinese underneath	DL
6165	0430	ITALY	RAI	English to 0445.	AC
6188	1332	INDONESIA	Irian Jaya	RRI Manokwari, Fair in Indonesian with local programing. Popular songs through to s/off at 1400 with several IDs.	DL
6200	0330	ALBANIA	R.Tirana	VG English, //7300 khz.	PO
6910	0559	IRELAND	R.Dublin	Pop music, barely audible	EJ
7200	0523	GT.	BRITAIN VOA	Wolf. Good signal in English.	JW
7345	0309	CZECHOSLOVAKIA	R.Prague	News to Nth.AM. English.	FC*
9440	1950	CHINA	R.Peking	Strong with English.	JB
9495	0715	MONACO	TWR	Good signal with Religious program.	RJ
9530	0720	USA	VOA Greenville	Trans. to Africa, Fair with Pop music	RJ
9535	0715	SWITZERLAND	SRI	Berne, Strong in English.	
9545	0730	SOLOMON IS.	SIBS	Good with Request show. Plenty of IDs in English, strong; Better than 5020 khz. JS, FC*, LR, RJ	EJ
9560	0700	SWITZERLAND	SRI	VG in English. Talk on local music	JB
9575	0530	PORTUGAL	Lisbon	Strong in English.	FC*
9575	0100	ITALY	RAI	Opens to Nth.Am. in English	FC*
0585	0200	SOUTH AFRICA	RSA	English news to NA.	FC*
9590	0230	BONAIRE	RN	Opens to NA with VG signal.	FC*
9590	1029	USA	AFRIS Greenville	Mutual news. good signal.	JW
9610	2120	AUSTRALIA	ABC VLW15	Perth, English news & bulletin	PO
9615	2030	TURKEY	Ankara	On this new frequency with English news	AC
9630	0600	SPAIN	RDE	strong with English transmission. Hrd 0535	JW, JB
11730	1822	QUATAR	QBS	with tests from new 250 KW transmitter. Music & IDs in French, English and Arabic inviting reports. Good strength.	AC BC
11760	0845	COOK IS.	Raratonga	requests to close at 0900	AC

FREQ	TIME	COUNTRY	STATION	PROGRAM & RECEPTION DETAILS	INITS
11790	2310	USA	AFRIS Greenville	VG English " All Things Considered "	PO
11810	2300	GERMAN FED.	REP. DW	VG in Spanish with news.	PO
11820	1223	USSR R.	Moscow	World news, Good English.	JW
11815	0300	POLAND	R.Polonia	Good in Spanish to Sth.Am. // 15120,9525 7270,7145,6135 & 6095 the last three inaudible.	PO
11835	1100	SRI LANKA	Colombo	SLBC, with ID and time check then Billy Graham till 1120. No sign of 4VEH.	PO
11855	0300	USA	WYFR	Family Radio ex. in Spanish with Gospel program	PO
11860	0400	BULGARIA	Sofia	Good with news and folk music.	LR
11890	0330	OMAN	Muscat	Good in Arabic with music. This frequency occasionally jammed.	PO
11930	0345	CUBA	R.Havana	VG with English political program	PO
11930	0629	LIBERIA	ELWA Monrovia	Commentary & music, Eng. ID 0700, strong	EJ
11940	1500	SINGAPORE	R.Singapore	good with pop music	FC*
11945	0956	NEW ZEALAND	RNZ	News 1000	NS
12015	0430	AUSTRIA	ORF	Good in English.	JB
12175	1912	ICELAND	Reykjavik Radio	good in USB with news till 1927 then music featuring James Last.	PO
14728	0311	ISRAEL	Galel Zamal	Popular music program with occasional announcements in Hebrew. Trumpet Call & ID at 0400. Fair 2/5	JM
15060	0540	SAUDI ARABIA	Ridyah	ex. with Arabic program. Gong/ID 0600	PO
15084	0535	IRAN	Teheran	Farsi news, VG.	PO
15105	0134	GERMAN FED.	REP. DW	Good English. Program on Diabetiks	JW
15120	1434	NIGERIA	R.Nigeria	Good with news. Also English 0600	JS FC*
15135	0525	FRANCE	RFI	French // 15155,15300 & 21645 khz	PO
15155	0323	ECUADOR	HCJB	VG with " Back to God Hour "	FC*
15160	0730	BULGARIA	Sofia	new English Service to Europe.	AC
15175	0520	NORWAY	R.Norway	Oslo, ex. in Norwegian with yalk prog.	PO
15190	0540	BELGIUM	Brussels	Good, Dutch network.	PO
15195	0540	RHODES	VOA	English/Arabic language lessons.	PO
15195	0808	JAPAN	R.Japan	World news, Good English.	JW
15210	0545	BELGIUM	Brussels	French Service, Jazz program.	PO
15215	0555	USA	WYFR	German Gospel program, mixed VOA.	PO
15220	0525	SOUTH AFRICA	RSA	VG with IS at s/on.	PO
15220	0114	HUNGARY	R.Budapest	Good English, News then music.	JW
15230	0400	CUBA	R.Havana	heard with Spanish folk music. Live concert	PO
15230	2145	SWITZERLAND	SRI	Good English but 21585 khz better.	JS
15315	1154	QUATAR	Doha	ID in EE, FF, AA asking for reports to be sent to PO Box 3939, Doha, Poor 2/5.	JM
15320	0330	DUBAI	United Arab Emirates	English news, strong.	JB
15330	0350	ITALY	RAI	Good EE to Southern Far East. s/off 0410	JB
15345	0530	KUWAIT	R.Kuwait	English // 9650 khz. Pops & plenty IDs	PO
15420	0358	CYPRUS	BBC	IS & local ID, 0400 World Svce., Strong EE	JB
15435	0851	CHINA	R.Peking	Good English. Musical program	JW
15445	2116	LIBYA	Tripoli	VG in Arabic, // 15430,15270, QRM	PO
15575	0630	KOREA	SOUTH Seoul	New Svce German, fair 1407 Fair in English, Visit Electronics Fair.	JM NS
17605	1830	HOLLAND	RN	Lopik, English to Africa, strong.	JB
17695	2036	BONAIRE	RN	Good English.	JS
17710	0806	JAPAN	R.Japan	Excellent in English with World news.	JW
17755	0303	AUSTRALIA	RA	News-Africa.	FC*
17790	0819	GT.	BRITAIN BBC	League Cup relay, VG English	JW
17805	0821	USSR R.	Moscow	Comment, VG in English.	JW

FREQ	TIME	COUNTRY	STATION	RECEPTION & PROGRAM DETAILS	INITS
17825	1529	VATICAN	Vatican Radio	, IS then into unknown language	FC*
17830	0245	BRAZIL	R.Bras	, English, Strong to s/off 0300.	JB
17835	0230	PAKISTAN	Karachi	, Slow speed news to 0245. Good, English	JB
17860	2355	NEW ZEALAND	RNZ	, Barely audible under strong GG signal	JS
21460	0256	USA	VOA Delano	, Science Digest followed by news. EE.	JW
21465	0856	FINLAND	Helsinki	, Finnish/English lessons.	JW
21515	2100	USSR	R.Moscow	World Service, Fair.	JS
21585	2115	SWITZERLAND	SRI	, Excellent English.	JS
21585	0600	IRAQ	Voice of Masses	, Program in Arabic, // 15105 khz	JM
21620	1040	FRANCE	RFI	French to Sth.Africa, Good	RJ
21635	0053	PAKISTAN	Karachi	, Local music, strong in Bangla	RJ
21635	2000	ALGERIA	Alger	, Fair Arabic // 21725. Heard till 0000	PO
21640	0838	AUSTRIA	ORF	, World news English, QRM.	JW
21640	1030	JAPAN	R.Japan	, English news to Sth.Africa, Good.	RJ
21690	0945	USSR	R.Moscow	, Eng.to NZ/Aust. Very strong.	RJ
21690	0959	SWEDEN	R.Sweden	, IS heard closing in French to Mid.East.	RJ
21705	1035	FRANCE	RFI	, French commentary, Pops, good	RJ
21710	1050	GT.BRITAIN	BBC	, BC to Mid.East, QRM Israel.	RJ
21735	1045	PORTUGAL	Lisbon	, Portuguese to Timor, Poor.	RJ
21810	1030	UNIDENTIFIED		, Possibly Brussels? Foreign language to 1106 then Western music. Fade out 1116. 12/4 Request session poor to f/out 1100. Any Helpers??	EJ RJ
25730	1948	NORWAY	R.Norway	, 2000 English to Pacific, QRM. .... and one I have missed	PC* RJ
21570	0025	USA	AFRTS	, Now in Los Angeles, Strong with CBS news.	AC

Only 14 contributors this month. Not quite enough to fill the four pages so we need a few more notes to supplement our regulars. Many thanks to

FC*	Frank Crow of Los Angeles	AC	Arthur Cushen of Invercargill
JM	John Mainland of Wellington	JS	Jack Searle, Haumoana
JB	Jim Benzoni of Hamilton	LR	Lindsay Robinson of Invercargill
BC	Bryan Clark of Auckland	DL	Dene Lynnberg from Wellington
OC	Owen Cullen of Hikurangi	PO	Paul Ormany of Oamaru

RJ & EJ Rick & Liz Jackson of Christchurch.  
 JW Jim Webb of Manakau. (Sorry Jim about those two slips. Eyes get a bit crossed after a couple of nights typing. I type Manukau from force of habit as I live by the Manukau Harbour. Ed.)  
 NS Norris Sturgess of Rotorua. (Suggest you list only identified stations and give details such as, strength, language, transmission, program etc. Ed)

Jim Webb has raised a couple of points. Sometimes I type a frequency out of sequence. I will signify this with an asterisk against the frequency so there will be no doubt of confusing with a typing error.  
 Jim also mentions the fact that some listings do not show a language. This is because none is given by the contributor. If no language is given I have usually assumed it to be English. It would be a great help if the language or languages of the transmission be given for all stations. Many thanks to Jim and all -Ed.

An item held over from April from Kevin Jensen; R.Tashkent effective 1st April 1200 & 1400 on 15460, 11785, 9750 9500 & 5950 khz.

This week I received Radio Canada's QSL card for filling in. For those who wish to verify Radio Canada now would be the time to write in and get on Radio Canada's mailing list. Radio Canada will only verify on the QSL card they send to listeners who fill it in and return to Radio Canada. They then check against the listeners report form and if correct sign the card and return to the listener. This year Radio Canada's QSL card symbolizes the International Year of the Disabled Person.

Well that's it for now. Good listening till next month and please let us all know what you hear.

## ARTHUR CUSHEN'S SHORTWAVE REVIEW

Activity in the United Arab Emirates is further increased this month with test broadcasts from Qatar on 11730kHz, while African signals during our late afternoons in the 60 metre band have been very good. May 3 found many new frequencies being used by International Broadcasters. All times in GMT, add 12 hours for NZST, frequencies are in kHz. This is part of the script broadcast on Radio New Zealand 0315 on 15485, 17860 and at 1015 on 11945kHz on May 4.

**AUSTRALIA:** 3RPH Radio for the Print Handicap Melbourne heard on first test April 7, 1705kHz 500W. The station was heard broadcasting radio and television programme material for the next day and the broadcast only on a test basis at 1130GMT. The address is: 7 Donald Street, Prahran 3181, Melbourne.

Radio Australia from May 3 is scheduled to use 9735, 1100-1730 and 11905 2230-2330GMT.

**AUSTRIA:** Vienna from May 3 to Australasia and Far East 0400-0600 17745; 0600-0900 21500, 21640; 0900-1100 21660; 1100-1300 21610. The latter frequency would cause interference to Radio Sweden and could be changed.

**BRAZIL:** A new Brazilian on 5025kHz Radio Transamaronica, a new station, has been heard at 0800. Ray Crawford.

**BULGARIA:** Sofia has made extensive changes to its English broadcasts and heard with a new transmission at 0730 on 15160. Another new channel 15110kHz heard in English 1930GMT.

**CANADA:** Canada from May 3 is using 9755 0200-0430 in place of 9605, and added 15190 0200-0230. Other frequencies unchanged.

**COOK ISLANDS:** Raratonga has made a further frequency change and has dropped 9695 in place of 11760kHz. Reception is better on this frequency and the station closed at 0900 announcing its medium-wave 630 and short-wave 11760kHz.

**EGYPT:** Cairo noted on 15155 mixed with the BBC Singapore up to closing at 1830.

**GREAT BRITAIN:** BBC changes for the World Service from May 3, 15155 replaced by 15225 1700-1830 while 21560 and 21690kHz have been added to the schedule from 2000GMT onwards.

**GUAM:** KPWR Agana now require 3 IRCs for a verification. Their DX Listeners Log recently celebrated its first year of broadcasting and is best received on Fridays at 0915 on 11840kHz.

**HUNGARY:** Budapest in English to Australia and New Zealand 0930-1000 9585, 9835, 11910, 15160, 15220 and 17710kHz.

**INDONESIA:** Radio Biak broadcasts on 1044, 5451, 7210 2100-2310, 0300-0610 and 0800-1400 while Sundays and holidays 2200-0600 and 0800-1400. Verification received after four years.

**LITHUANIA:** Vilnius operates in English at 2300GMT on 11735, 12060, 15180, 15405 and 17870kHz.

**NORWAY:** Oslo transmitting to Australia and New Zealand 0700-0830 on 11850, 15135, 21655kHz. 1100-1230 15135, 21730.

**QATAR:** Doha heard testing on 11730 to closing at 1915. Announcements in Arabic, French and English and requests reception reports to: P.O. Box 3939, Doha.

**TURKEY:** Ankara now using 9615 in place of 9725 with English 2030-2130 and 2200-2300, but the latter transmission blocked by the Vatican Radio.

**U.S.A.:** Armed Forces Radio & Television Service now located in Los Angeles with the mailing address 1016 North McCadden Place, Los Angeles, California.



(16)

# ..sign off..

with JOHN MAINLAND

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KENYA The Voice of Kenya reported on 7th March that the Minister for Information and Broadcasting had announced that Kenya was to have an external broadcasting station by 1983.

BBC MS 12/3

ARGENTINA Here is the new RAE sked on 11710;SS 0230-0100,0130-0200,0230-0300,1500-1530,1600-1630,1830-1900,2100-2130,2230-2300,2330-0000.PP 0000-0030,0200-0230,1800-1830.EE 0100-0130,1130-1200,1530-1600,1630-1700,1730-1800,1930-2000,2200-2230.JJ 1100-1130. FF 1900-1930.II 2030-2100.GG 2130-2200,2300-2330. Carlos Maslaton,SCDX 10/3

UNITED ARAB EMIRATES Dubai 0227-0355

15320,11755,9640;0425-0600 17810,17775;0600-0800 21640,17810,17775;0800-1100 21700/21695,21640,17775;1100-1300

21695,21655,21640;1300-1315 21700,21655,21640;1315-1600 21700,21655,21625;1600-

1800 21655,21625,17710;1800-2050 21655,17710,15320. English sked; 0330-0355,

0510-0545,1015-1055,1630-1700.BBC MS

RADIO KUWAIT Domestic See AA:1300-1515

21685;0630-1030 21570;0730-2105 17050;

1300-1505 15495;0730-1505 11990;1335-1800 11650;1100-2105 9870;0400-0600,

1600-2105 9840;1610-2105 7120;0400-1735 6055.

BBC MS 26/3

## Kuwait Radio

HOLLAND Effective May 3 Radio Nederland's EE broadcast to Asia 1430-1525 will be on additional 15560 //11735, 21480. RN DX 9/4

RADIO BERLIN INTERNATIONAL has announced plans to add eight half a megawatt shortwave transmitters quite shortly.. RN DX 9/4

SPANISH FOREIGN RADIO'S 0515 EE broadcast has been retimed to 0530-0630 on 9630 and 11880. RCI DX 11/4

VOICE OF TURKEY has announced that as from April 11 the 2030 English broadcast would move from 9725 to 9615. RCI DX 11/4

SUDDEN IONOSPHERIC DISTURBANCE Even experienced radio operators have been known to think that the mains supply has failed, or that their receivers have become faulty. Sudden ionospheric disturbances are caused by large eruptions on the sun which produce strong enough radiation to cause increased ionisation in the absorbing layers of the ionosphere, notably the D layer. This occurs at about the same time as the flares observed and shortwave communication is then disrupted over an appreciable part of the world. More recent studies have led us to believe that the blackout is caused by a large increase in X rays emitted by the flare. The disturbance usually lasts from 30 minutes to one hour. via KTWR 10/4

SWITZERLAND Commencing Saturday May 2 Swiss Radio International will introduce a new feature programme called "The Great Saturday Grapevine" in which listeners are invited to submit cassette recordings containing questions, comments and information about themselves. The cassette will be returned with Swiss Country music. Letters to this programme will also be accepted. SRI 15/4

PARAGUAY The new external see on 11915 currently has a power of 30kW, later to be increased to 100kW and they are using a rhombic to cover North America. Their outlet on 6025 is temporarily inactive because the tx was destroyed in a fire out is scheduled to return. There is a mailbag dx in SS on 11915 Tuesdays 0100. RN DX 16/4

AUSTRIA From May 4 Austrian SW Panorama will be included in the 0430 broadcast on 12015. RCI DX 18/4

YEMEN ARAB REPUBLIC A monitoring check of the Radio San'a domestic service in AA on 14th and 15th April showed that it now signs on at 0230 instead of 0300 on 9780, 7265 and 4853. BBC MS 16/4

SOCIETY ISLANDS-TAHITI According to the latest AWR sked received from Adrian Peterson, there is an AWR programme from Tahiti at 0445-0500 Sunday on 15170, language is thought to be French. DSWCI

QATAR Since 14th April the Qatar Broadcasting Service has been carrying out test transmissions from 1300-1500 on 15315 & from 1600-2000 on 11730. The test transmissions consisted of popular music interspersed with station announcements in AA, EE and FF, which invited listeners to send in reception reports to: The Qatar Broadcasting Service, P.O. Box 3939, Doha, Qatar. BBC MS 23/4

CHINA Radio Peking announced on 17 April that the summer freq sked would be in use 20th April. BBC MS 23/4