



NEW ZEALAND DX TIMES

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Welcome to Radio New Zealand.

On 1 April 1975, a new era in radio broadcasting began in New Zealand, with Radio New Zealand taking over the radio 'wing' of the NZBC. No longer will sound broadcasting take second place to television. A separate corporation solely devoted to radio can only improve this medium of communication and already listeners will have seen some significant changes.

Network 1 is the new title for the National Programme. The most obvious changes to date are the comprehensive news programmes, regional news bulletins and regular announcer personalities in fixed time slots. The YC's or Concert Service (1YC 880kHz, 2YC 660, 3YC 960 and 4YC 900) is now Network 2, with an alternative Monday to Friday breakfast music programme scheduled 6am to 1030am; the evening broadcasts being extended to close at 12pm daily. Educational broadcasts have been transferred to Network 2, but nationwide coverage is maintained with a link to the YW's, YX's, YZ's and 2YM. The 25 NZBC Commercial stations are now known as Community Stations - promising more music, longer news bulletins, less talkback shows and reduced commercial content per hour (14 mins instead of 16 to 18 mins).

The establishment of Radio Polynesia in Auckland to serve the Maori and Pacific Islander communities is one part of Radio NZ's policy that should see early action. An advisory committee is being set up to consider the introduction of FM radio. In an interview, RNZ's Director General said he considered FM as one of the most exciting prospects for the first 5 years of the Corporation. He said "We will see FM radio sooner than we think".

The shortwave service now identifies as "This is the External Service of Radio New Zealand", but no other changes are evident at this time. It is to be hoped that before too long, we will have a firm indication of the planned upgrading of the shortwave service as recommended by the 1973 Adam Report.

On behalf of all members, the Times wishes Radio New Zealand every success in bringing the best in radio to the New Zealand Public.



FROM THE BOX 2956 MAILBAG.

WORLD RADIO HANDBOOK 1975. Arthur Cushen advises that due to a strike in Denmark, the WRTVH orders for 1975 were not despatched to NZ until 3 March. Based on last years delivery time, this means an arrival in this country in June/July at the earliest. This is the second year in a row that copies of the Handbook

have been subjected to excessive and unfortunate delays, and it has been decided that future WRTVH orders will be airfreighted to NZ.

CONTINUED PAGE 2.

CLOSING DATE FOR NEXT ISSUE: WEDNESDAY 7 MAY. PLEASE SEND
DETAILS OF YOUR DX, QSL's AND B.O.M's TO BOX 2956, WGTN.

2 FROM THE BRANCHES

SOUTHLAND. The March meeting was held at Arthur Cushen's with 11 present. After discussion on a window display for the "Come Alive" campaign, plans for a progressive dinner and a comprehensive DX chat, Neville Henry spoke on the DXcursion to Australia, and his remarks and interesting sidelights were round-ed off by Stephen Greenyer and Arthur Williams. Competitions: ECB to M.Branks with ZNS1 1540, merit to R.Crawford Teheran 1326. SW to S.Greenyer with Radio Ethiopia 9610 and Accra 3366.

OTAGO. The February and March meetings were held at 25 Ryehill Street, with a welcome extended to Ashok Nallawalla and David Hird. The Branch is to use the Dunedin Public Library's display window in late April. Competitions: ECB Over 1050 4XT Radio Randi to P.Jackson, J.Aitchison & G.Shillito. Under 1050 CMW 590 J.Aitchison. SW Over 9, P&P 21780? G.Shillito, Under 9, Moscow 5920 J. Aitchison. Next meeting at 25 Ryehill Street on Thursday 24 April.

NORTH OTAGO. There were good attendances at the February and March meetings, and a welcome has been extended to new members Philip and David Hope. Congratulations go to Pamela Sutton on winning a record in an HCJB competition. Branch Competitions: ECB Paul Ormandy WBZ 1030 and 4XT, the latter tied with Pamela Sutton. SW to Paul Ormandy with BEC Cyprus & VOA Greenville.

CANTERBURY. The March meeting had a good turnout with 14 members present. Most members reported a lot of DX. Competition results: SW Murray Robson with RN Malagasy 21480 & Turkish State Met. Service 6900. ECB A/NZ Alan Robson & Andrew White with 4XT 1270, Nth Am Alan Robson WSB, Open to David Hadler Fiji 560. April meeting will be at Bob Boundy's on 14 April.

WELLINGTON. 10 members attended the 23 March meeting at John Mainlands including Bill Rosoman and newcomer Roger Paayman. Welcome visitors were Leigh Morris of Palmerston North and Philip Brooks of Wanganui. Main feature was an account of the Australian DXcursion by John, interspersed by recordings of RA Club Forum interviews with some of the touring DXers. Next meeting will be at Tony Kings, 45 Upper Watt Street, Wadestown, starting at 2pm, with the earlier start to allow informal discussion amongst members. Competitions: SW Junior - Nigel Robins Tunisia 11970 & Jack Farrow VLI6 6090, SW Senior - Radio Nigeria Calabar 6145 Bryan Clark. ECB CJFP Quebec 1400 Bryan Clark.

BOX 2956 MAILBAG continued.



GOOD LUCK to Radio Australia personality Keith Glover as he leaves for Europe on a 5 month study tour and holiday. Keith's longtime support for the League was exemplified in th hospitality extended to DXcursion participants on their recent visit to RA's facilities in Shepparton and Melbourne.

INTERNATIONAL WOMEN'S YEAR 1975. The Munich Radio Japan Club is celebrating with a "Lady-DX" contest. "Lady-DXers" are invited to produce a 3 minute tape on which they introduce themselves and tell how they were introduced to the DX hobby. Techniques, language and contents are open to the contestant's choice. The 3 best contributions will be rewarded with prizes of tapes etc. Send your entry to Munich Radio Japan Club, P.O.Box 12, d-8000 Munich 26, Federal Republic of Germany. Closing date is 30 April 1975, so be quick!

ARTHUR CUSHEN'S DX WORLD Broadcast over the National Programme (Network 1) is retimed to 1230GMT on the first Thursday of the month, during the all-night programme. If you listen to this particular rebroadcast of Arthur's programme and consider the later timing unsatisfactory, drop a letter to RNZ's National Programme Manager in Wellington, expressing your views.

AN AUCKLAND BRANCH. A number of enquiries are being received at Magcom re the setting up of a League group in the Auckland area. The only information we have is that following a meeting last September, Brian Marsh, 20 Rimu Road, Mangere Bridge, Auckland and Bill Huddleston, 10 Nile Road, Glen Eden were nominated as contacts for enquiries.

BROADCAST DX

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Improved conditions from Europe, the Middle East and Latin America are evident from this month's contributions. Robin Chambers reports strong signals most mornings from Europe and the Middle East and consistent evening reception from Europe following the erection of an 800' longwire to the East. On 23 March CSA210 Coimbra (1kw) was heard as well as signals on 773 1034 1367 1578 and 1594. Here in Wellington Latins are penetrating the early evening QRN. Radio Colo Colo, Casilla 244V, Correo 15, Santiago, Chile (formerly Magallanes) is now providing regular reception on 1380 in the period 0600-0800 GMT with news at 0700.

On the New Zealand scene, 1YW Hamilton tested on 1143 khz 0700-0900 on 27 February according to Keith Robinson. If the report in this month's 'Pacific Asian Report' is any indication we're in for some very big changes in the next few years.

4XU Radio Randi changed call to 4XT on its second day of operation when the Post Office decided that the 4XU call had previously been allocated! ??? Out-put was only 50 watts for this University of Otago student station. Other briefs = Canada isn't on daylight saving yet, and by a majority vote Western Australia has voted not to have it again. KIOE Hawaii (formerly KHAI) 1080 khz has closed down (Tim Hendel via AC) Gavin Bennett reports advice from Jim Avata, a KKIS announcer, that the station is hoping for a power boost to 50 kw.

Now into the mailbag:

PAUL FROST, Tauranga has logged 1XX Murupara 1110 and 2YM. Hope new location good for Yanks.

DES DAVEY, Te Kuiti has reported Suva 710. Veried KORL 5GL.

TONY KING, Wellington has logged LS11 CMJG 2XL 2CP. QSL'd 2CP 2XL

Sutton Burtenshaw: Invercargill has logged 1YW 4XT 4QY OAX4A HJKH 770 with QSL's in from 8DR WSM 4XU 4XT KTWO. 1380 Chilean pretty regular in WN.

NIGEL GREENE, Paremata has 45 out and QSL's back from Fiji 710 560, 2XW 1XW 1XX 3XA 4XO 1XI 1ZC 1YZ 2ZD 2ZN 2ZW 3ZB 3ZM 1ZM 1YC 1YA 1ZB 2ZC 2YZ 3YW 3YZ 2ZA 2YM 1ZD 2YA 1YW 1ZH 4YW 3YA 4YC 3YC 4ZB 4YA 1YX 1ZE 1ZK 1YE 1ZN. Been busy!

GAY JOHNSTON, Christchurch has logged 2JJ 2ZA 3ZC 2XW with QSL's from WLCY 2ZA 3XG.

RAY CRAWFORD, Invercargill has logged 4XU 4XT Cook Is 600 KABL 960. Veries in from 1YK 2YM 2BY 2GN 2JJ KTAR KOMO CKNW WKLE USSR 1250 JOGB Iran 1326 DZDL 1424.

GRAEME SHILLITO, Dunedin has a 2nd away to KRKO 1380 with loggings and QSL's from 2JJ 4XT and 1XX.

LANCE JOHNSTON, Christchurch OUT 2JJ, IN 1YK 3XG.

BRIAN OLIVER, Eastbourne has reports out to 1XB 2NA 2RE ZN 4XT with veries in from 1XB ZC ZD ZK 2NA UE VM ZB ZH ZN 3GL XA ZB 4QD XT ZB Fiji 710

ANDREW WHITE, Christchurch has logged CHUB KING CKWX KSL KGBS KMVI WMAQ 1XX Murupara 4XT 1XB Noumea 670 Singapore 790 Cairo 1106 2ZP 2ZE 2ZB with QSL's in from CHUB KOMA KING KSL WOAI KMVI 3XG 4XT 1XB 4ZB 3ZC 2ZE 1XX Murupara. Thanks for Trail Andrew.

PAUL RAWDON, Lower Hutt has reports out to 1XX 1110, KOB DW 1570 KUAM 1XW GHUB Bosom KGA 3ZG CHQM. QSL's in from KUAI Avon 1XX 1110 Bosom 1XW. Another good effort Paul.

ELIZABETH HELLYAR, Bulls has one out to 2WL.

BRUCE MCGREGOR, Feilding has QSL's from TWR Bonaire 800 Fiji 710 2HD 2YM 2ZM 3CV 1ZH Vladivostock 1250 with logs as 5AN 3NE 2RE 8DR relay Shepp (this is SW Bruce?). Have referred Ladder enquiry to Invercargill.

LINDSAY ROBINSON, Invercargill has logged at Otatara KFRC KGA 2JJ HLKI Monte Carlo/Cyprus 1232 Munich 1602 Egypt 872 Peru 854 WCKY Gwalior India 1390. Logs Tiwai point - Tropicana 540 Ciudad de Cali 620. QSL's in from CHUB Moscow 1250 Randi, A good DX Easter!

MIKE SMITH, Matamata reports improved conditions with reports off to CPER 4JK 2JJ and Bosom. QSL¹ from 2JJ.

PETER JACKSON, Dunedin struggling to spare time for DX has logged 4XT and verified 3XG WHO KGA 4MK and 4XT.

BRYAN CLARK, Wellington has QSL's in from KWKH 1130 KUDE KGER 4XT CJFP 1400 KRLA K TSA with logs as 4XT DW Malta 1570 CB130 Colo Colo OAX4A (4th).

STEVEN GREENYER, Invercargill has QSL's from 4XU 4XT Rhema Whakatane 1110 Sharjah 1575.

ARTHUR CUSHEN, Invercargill has 'em back from 4XT 2BY with reports off to 1ZC Dubai 1480 1YW 1143 JOTL 1490.

STAN LARKING, Whakatane has a report out to DW Malta 1570 with veries in from KKUA Rhema 1230 2JJ Kuala Lumpur 885.

ARTHUR WILLIAMS, Invercargill has QSL's in from 4XT JOUB. Logged during Easter period on his new 17 transistor Russian Astrad portable connected to Longwires at Tiwai and Otatara: 2JJ KELI KSTP WCKY HCF2 540 KGA HJEL 620 1YW 1143. Thanks for article, may squeeze in soon.

PAUL ORMANDY, Oamaru has another good bunch with logs as Vladivostock 1250 KEX KTAR WLAC JOAK WBAP KGMB KXL FEN 1580 KNEW KSTP KORL KRMG WMAQ KMVI KVOO. QSL's in from 4BK QR YQ XT YC Rhema KFI 3AW GL MA YZ YA 1YE YZ YX YK 2RG JJ YZ WBZ VSZ 844 Fiji 810. Please keep Trail on separate page in frequency order, and separate Morning and Evening. No call from your enquirer. Tell us something about the No. 26 ATC Squadron DX Club!

ROBIN CHAMBERS, Opuake has reports off to 4QW 4QR Jakarta 1333 3WV WBT Dresden 1043 XEROK 2TR. Veries KUAI Nancy 836 XET 4QR.

PAMELA SUTTON, Oamaru has QSL's from KFBK PJB Fiji 2 XEROK A3Z 3XG Fiji 1 KVOO 4XT with logs as WMAQ 2YM 2UE 2ZA 3SR KLEI 4BH. Welcome Pamela - some good catches there.

COLIN CAMPBELL, Rotorua has reports to 4XT 2AY 2SM Noumea 670. Veries in from 1XB and Bosom 950. Special DX call from 2AY was made at 10.04 NZT on Wednesday 12 March. New QSL cards introduced that day.

4 CHRIS MARTIN, now in Glen Ely, South Australia has reports out to 2CN Hong Kong 850 Baku 1016 Lusaka 818 Ahwaz 1390 USSR 1430 KLIF HLKY KEEN HLSA 595 KACY Reunion 602 KSRO Nicosia 602 KPAY 6AM WBAP 6BS JOQL Swazi Music 1376 JOIF Seyehelles 1331 JOUB VOA Kavala 791 Cyclops 1570 USSR 647 Bubai 1480 Masirah 1410 Burma 955 Angola 1088 tape sent. QSL's in from 2CN WBAP KEEN KACY JOIF JOUB Ahwaz 1390. Great to have met you Chris! Thanks for calls.

ERIC MCINTOSH, Invercargill has logged Fiji 1320 Paradise 1265 KJJJ KOOL 2CN 2JJ 4XU 4XT ZKIZC ZK2ZN Dubai 1480 Bag -dad 760. Veries in from 4XU 4XT 2CN KJJJ KOOL Fiji 890 and 1320. Hope you're feeling better Eric.

MERV BRANKS, Invercargill has verified CJVI WBAP ZNS1 1YW 5AU. Reports off to 1YW 4XU 4XT 5AU 6KG JOQR KICY 2RG 2LT 5UV WLS VOA 791 Roumania 1052. I'm envious re ZNS1 Merv!

GAVIN BENNETT, Christchurch has logged RMC Cyprus 1232 KOB BBC Cyprus 1322 KFRE KEX KOOL FEN Tokyo 810 KKIS 6DL 6XM 6WN Noumea 670. QSL's in from KNX 4MK KKIS. Your 800 Asian is surely North Korea.

HANK WILKINSON, California has had recent QSL's from HJCY ZDK HLCN HILDA VOFA 1580 2NR 4QD HJCY HLKG HLGCS HLKN JOER. Reports out to TIEBAW HOL80 HKOV HKAW KIVM Malaysia 885 JOGB. Writing re your queries Hank.

BROADCAST TRAIL

EVENING

TIMES GMT

550	KMVI strong ID 'I55' 0750 (AW PO)
590	GMW exc 0705 (RG) also 550 SB
600	Voz de Cuba //590 0705 both fair
605	Campesina good 0710 RC
620	CKOK 0805 briefly over KGW 0805 KGW 0810 ID 'Super 62' AW KTAR nx 0900 faor PO call fair from WSUN 0655 RC
645	Radio Tricolor I ID 0900 fair RC
650	KORL ads exc 0920 PO
725	SS weak/fair 0703 RC
730	CKLG mixed XEX 0720 RC AW
740	SS under KRMG. Other unid SS on 610 and 650 early evening SB
770	HJKH before KOB SB KOB good 0844 PR
820	WBAP riding NZ 0850 PO
850	HJKG Bogota fair 0754 (B) mixed KOA SB

sud radio



In the Principality of Andorra, on the summit of one of the highest peaks in the Pyrenees (Pic Blanc 8600 ft), is the transmitter of 900kw of Sud Radio 818 khz - the 'highest' radio station in Europe.

Sud Radio was formed in 1966 as a successor to Radio des Valles d'Andorre (consistently heard in NZ via its 1 kw SW transmitter in the early 60's). It broadcasts 20 hours daily, directed to the large area between the Atlantic Ocean and the Mediterranean, with night time coverage reaching well beyond the French border. With an area of only 460 sq. km, Andorra is one of the smallest nations in Europe, and is sandwiched between Spain and France. It has a population of 25000, is a largely agricultural and pastoral country, and is blessed with no taxes or duty, and has had no armed

conflicts since the 13th century. Management offices and the main studios are located in the capital, Andorra-la-Vieille, while regional studios are located in Paris and Toulouse.

The unprecedented economic development of South West France has lead Sud Radio to dedicate a major part of its spoken features to industrial, commercial and artistic aspects of the region. Sport plays a significant part in the life of the mid and south-west regions of France, the most popular being Rugby. Thousands of young men make up the 436 Rugby teams in the region. Specialist commentators with Sud Radio report on rugby, football, and cycling from both the local and international scene. Sud Radio's target area is a leading tourist area in the summer months, and Sud Radio gears its programmes accordingly. Millions of tourists passing through or visiting Mid and south west France can tune to "Sud Radio on Holiday" during these months. The 'joie de vivre' of the southern part of France is reflected in Sud's programming - youthful, bright, and with news from 50 correspondents located throughout France, making it one of the most popular stations in this part of Europe.

DX FORECAST

APRIL

0415-0430 South Americans
0500-0530 Central & South America
0600-0630 South Americans
0600-0730 North Americans
0605 GMT Portugal
1330-1600 Asians good
1720-1910 Europe/Middle East/
North Africa

MAY

0500 onwards South Americans, as early as 0320 late in month
0600-0700 United States
0930-1030 East Coast USA
1000 South Americans may peak, especially Colombia.
1730 onwards: Middle East/North Africa. Kenya sometimes.
1900-1945 Europeans

Robin Chambers

CAN - AM REPORT

ZNS1 Radio Bahamas verie signer was W.Thomson, Engineering. (MB)

From 1 April, Canadian stations are to give temperature readings in Centigrade, as Canada moves into the metric system. Distance via Sunspot

CBS Radio Mystery Theatre is carried nightly by many major US stations, including WCCO 830, KNX 1070, KMOX 1120 and KOA 850 (at 11.05pm local time, currently 0505 GMT) ASWLC

KRLA 1110 joined the Nitecap Network on 31/12. Present participants are KSL 1160 WHAS 840, WBAL 1090, KIRO 710 and KRLA. Jerry Starr NRC

The FCC says it will now consider granting power increases for AM stations. Part of the reason for a freeze on AM power, increases & new stations was to give FM a chance to grow. But FM is now able to compete with AM and many AM's have trouble covering their market. Collins NRC

PACIFIC ASIAN REPORT

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SHARJAH. The Sharjah Broadcasting Station returned to 1575kHz with 50kw in the period 1200-2000 GMT. 1535kHz ceased operation on 26/10/74. Peterson ADXN

SOUTH VIETNAM. With the former imperial capital of Hué evacuated, it would be reasonable to assume that the VOA's 50kw MW transmitter on 760kHz will either be off the air or transmitting from a new location. It is believed that the transmitter was of a highly portable type. (see late note below +)

UNIDENTIFIED. Reporting to the NRC's "DX News", League member Hank Wilkinson reports an unidentified Asian on 1015 at 1116hrs GMT on 24/2 with very irregular signals. Any clues?

AUSTRALIA. 3ZZ, Melbourne's new ABC 'access' radio station will start broadcasts on 12 May with 5 hours programming a day, between 0800 and 1300 GMT, on 1220kHz. Probably the first two hours of transmissions will be open access, that is, groups and individuals will be given the opportunity to express opinions not normally expressed on radio, especially those of migrant groups. The station has not been intended to follow the lines of Sydney's 2JJ. Three-Double-Zed will possibly transmit 24 hours a day at a later date.

Dick Whittington.

2CC Canberra will operate on 1390, not the previously assigned 1210. Operator will be Capital City Broadcasters Pty, and power may be 5kw under the recently revised ABCB power ceilings. Operation expected by August. I. Stanley

NZDXRA

5UV formerly VL5UV Radio University, Adelaide, has been granted a full status licence by the ABCB. The originally allocated frequency 1560 was relinquished in early March, and the station is now on 530kHz. Keith Barton SID

The Australian Broadcasting Control Board (ABCB) recently made several policy statements, including the following extracts: -

"Successful implementation of the new policy for closer sharing of the medium frequency broadcasting channels in Australia involves a more detailed consideration of the coverage which each station is designed to achieve. In future the Board proposes to define each station by its coverage area, replacing the cruder measure of transmitter power which has been used to date. In licensing all future medium frequency stations, the Board will first set out in a covering diagram the intended area of coverage of the new station. As announced previously, the outer limit of this coverage will generally be set by the night-time fading on the station's signal. Beyond the point where interference to the station's ground wave is caused by its own skywave signal, interference from other co-channel or adjacent channel signals will occur."

"It should be noted that the introduction of additional stations within the MF band, without reduction in the coverage of existing stations, depends upon the use of directional aerial systems at all new stations as well as at most existing ones and will also be assisted by minor changes in the operating frequency of many stations in the course of, or as well as, those frequency changes which will be required within the next few years in connection with the implementation of the new ITU requirement for 9kHz channel spacings in Australia." via Ian Stanley NZDXRA

NEW ZEALAND. Making interesting comparison with the final paragraph above, is the following statement received from the Broadcasting Council of NZ, by Hans Tolma of NZDXRA: - "There are no changes envisaged in the frequencies or powers of existing stations in the near future. Discussions between the ITU and international broadcasting organisations are continuing overseas to try to reach agreement on an international system of frequency allocation for medium wave broadcasting stations. This may eventually mean that the operating frequencies of some NZ stations may need to be altered."

Also - "The system of using synchronised transmitters for network stations is possible but would require special linking facilities between transmitters to frequency lock them. As crowding of the medium wave bands in NZ is not a serious problem at this stage, the use of synchronised transmitters has not been necessary". +VOA Hue was definitely closed earlier this year. A. Cushen

RADIO RHEMA

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The radio with a difference

When the Christchurch based Gospel Radio Fellowship was granted a one-day licence to operate Radio Rhema, on Saturday 23rd November 1974, League member David Ricquish was given responsibility for handling and verifying the DX reports that were received. His candid comments on the reports received will give most of us food for thought, and can be applied to the hobby at large, especially for DX reports to medium wave stations.

"Radio Rhema broadcast for one day only, something rather unique in NZ's broadcast

-ing history. Some of my comments refer mainly to this situation, but in general they could be applied to all medium wave stations reported.

From exactly 17 hours of transmission with 81 watts of power, Radio Rhema gained something like 20% of the total Christchurch listening audience, according to independent polls. The station also attracted much correspondence including over 60 reports of reception, but the following comments will refer only to the 50 which could be classified as true DX reports. Something like 82% of reports were from NZRDYL members, while 4% came from members of the NZ DX Radio Association and the remaining 14% from non-members. The northernmost confirmed report was from a League member in Whakatane and the southernmost from Riverton, south of Invercargill. The South Island provided 90% of the reports, with the balance from the North Island. Of the South Island reports, over half were from the Christchurch/North Canterbury area, 16% from Timaru/Oamaru and 18% from Invercargill, while most North Island reports came from Wellington and environs.

The support from the League was immensely helpful and demonstrates so well just how much importance members are in assisting stations in their initial transmissions. The solid support from the League has made a great impression on the Executive of Radio Rhema and should a fulltime warrant eventuate then the League will not be forgotten.

Reporting Standards: (i) Promptness. Nearly all reports were received within 2 weeks of the broadcast, but some were still being received after 3 months! I think however that all members would be aware of the importance of despatching their reception reports with the least possible delay.

(ii) In Rhema's case, return postage was especially not asked for but members seemed well doctored because over 50% still sent stamps. This was appreciated to be sure, but the point is, where a station has known QSL requirements, it is best to abide by what the station wants or needs.

(iii) Report Length. Very pleasing in every case from League members, with most reports between 15 and 30 minutes long, some up to an hour and the shortest being only 7 minutes.

(iv) Layout. Most members used standard League report forms, and where these were not used, standards were perhaps even higher. This is no reflection on the forms; they are helpful when sending large numbers of reports, but I found them most boring and unimaginative after reading the first 10! Some writing was difficult to read at first, but in general they were neat in appearance, although the spelling and grammar was sometimes wanting. A small but very noticeable group were those reports which looked thrown on paper in a great hurry and very untidily, not creating a good first impression, even though content was often very good.

(v) Programme Content. Most members made a note of the time alongside each item logged; this is really very helpful and those members who don't make a practice of doing this would improve their reports by doing so. Again, most members noted the time as being NZ summertime, but some didn't. Having the correct time is most important, but it should be the stations local time; GMT for local mediumwave stations in any country is really not much use. Without exception, members provided verifiable details in profusion. Reports being the length they were, were full of songs, singers, station id jingles and announcements, special items and programmes.

CONTINUED

LEAGUE LADDERS

Shortwave

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Broadcast

Division	Dec	Apr	Inc	Cnt
GOLD STAR (Over 1250)				
Arthur Cushen	2164	2174	10	141
Merv Branks	2039	2050	11	-
Keith Robinson*	2026	-	-	108

SILVER ACE (751-1000)				
Ray Crawford	955	978	23	114
Eric McIntosh	863	877	14	-
Robin Chambers	766	781	15	103
Sutton Burtenshaw	761	784	23	84

ACE (501-750)				
Stan Larking	671	679	8	80
Dene Lynneberg	635	648	13	-
Graeme Shillito	603	606	3	60

SENIOR (301-500)				
Chris Martin	331	337	6	102
Bryan Clark	313	333	20	67

INTERMEDIATE (151-300)				
Lance Johnston	272	276	4	30
Dallas McKenzie*	199	200	1	34
Lindsay Robinson	182	187	5	21
Sinclair Bennett*	180	180	0	10

JUNIOR (51-150)				
Alan Robson*	145	151	6	21
Jack Searle	136	139	3	15
Paul Frost	119	126	7	28
Gay Johnston	110	114	4	10
Michael Smith	108	109	1	8
Peter Jackson	97	108	11	15
Bruce Cavanagh*	-	93	-	13
Jonathan Aitchison*89	-	94	5	11
Pamela Sutton	-	82	-	7
Elizabeth Hellyar	51	52	1	2
Graeme Hammond*	72	74	2	9
Paul Rawdon	52	72	20	10

NOVICE (1-50)				
Stuart Forsyth*	-	49	-	-
Andrew White	48	74	26	10
Gavin Bennett	47	56	9	12
Norman Clover*	45	45	0	5
Paul Ormandy	45	90	45	6
Brian Oliver	(2)	47	45	3
Nigel Greene	-	27	-	2

Division	Dec	Apr	Inc	Cnt
GOLD STAR (Over 1250)				
Arthur Cushen	4129	4163	34	227
Barry Williams	1929	1945	16	199
Dene Lynneberg	1874	1894	20	177

GOLD ACE (1001-1250)				
Tony Marr	1241	1244	3	193
Stan Larking	1182	1212	30	121
John Mainland	1150	1190	40	167
John Watson	1080	1099	19	-
Bryan Clark	1001	1028	27	150
Ray Crawford	1122	1156	34	134

SILVER ACE (751-1000)				
Hans de Jong	947	967	20	88
John Durham	860	899	39	110
Bill Huddleston*	794	808	14	114

ACE (501-750)				
Lindsay Robinson	656	673	17	102
Jack Searle	548	585	37	86

SENIOR (301-500)				
Dallas McKenzie*	418	420	2	105
Lance Johnston	375	389	14	72
Alan Robson*	304	314	10	61

INTERMEDIATE (151-300)				
Steven Greenyer	255	276	21	112
Paul Frost	206	212	6	64
Jonathan Aitchison*205	210	210	5	57
Nigel Greene	186	210	24	52
Peter Greener	170	228	58	63
Mike Smith	164	190	26	49
Norman Clover*	153	154	1	46

JUNIOR (51-150)				
Austin Hadler	144	200	56	50
Paul Rawdon	140	178	38	52
Bruce Cavanagh	-	155	-	62
John Martin	(100)	133	33	36
Ian Wells	90	101	11	45
Jack Farrow	102	139	37	38
Graeme Hammond*	88	93	5	27
Brian Molloy	87	141	54	38
Gay Johnston	86	94	8	36
Cecil Symmes	74	123	49	49
Paul Edwards	-	73	-	38
Andrew White	56	57	1	26

NOVICE (1-50)				
Paul Ormandy	38	64	26	37
Robin Chambers	-	44	-	33
Alex Wellner	-	42	-	39
Pamela Sutton	-	24	-	18

EXTRAS (Received after typing above)				
Eric McIntosh	581	594	13	-
Colin Campbell	224	228	4	58
Garry Butler	-	67	-	32

REMINDER TO ALL CONTRIBUTORS.

First Wednesday of the Month is the day we empty Box 2956, not the day you send your notes in.

Welcome this month to Pamela Sutton, Alex Wellner. Nigel Greene joins the ECB listings, whilst Robin Chambers takes time out from the medium waves to verify on SW!

With increasing interest and participation in the League Ladders, it is becoming necessary, due to space restrictions, to delete members who do not provide regular advice of totals. Those who have not updated totals since last December are not included and those marked * are reminded to send details for the June finals.

The DXCURSION can only be described as an unqualified success, brought about by a very full and varied programme, wonderful hospitality across the Tasman, and marvellous cooperation from broadcasters throughout New South Wales and Victoria. In some ways we packed in too much - on the other hand we 'got our money's worth' and there would be few tours with an itinerary as intensive as ours. Apart from seeing some delightful Australian scenery, the opportunity to meet some Australian DXers was indeed a highlight, and the prospect of travelling round with sixteen other New Zealanders was also an enjoyable prospect. Following is a brief diary recap of DXCURSION AUSTRALIA '75.

FRIDAY 7 MARCH: We arrived in three groups in Sydney, were met at the airport and whisked (if that's the word for kamikaze taxi driver's efforts) into the Gazebo in King's Cross. Dinner 'down the Cross' and off to 2MBS for a visit with Sydney DXers Peter Herxman and Jack Buckley - who proved to be of great assistance in maximising our enjoyment of Sydney. Late night sightseeing in the Cross (the sort only Sydney knows how to put on.)

SATURDAY 8 MARCH: A morning sight-seeing the city and northern beaches of Sydney, and then \$62 worth of Spaghetti at the Old Spaghetti factory for lunch. A sprint to Circular Quay for the Coffee Cruise on the harbour, and a two mile hike back to the hotel from the Quay. A "profitable" evening at the South Sydney Junior League Club with its battery of poker machines, its bars, its bands etc.

SUNDAY 9 MARCH: Our day excursion off into the mist to Katoomba and the Blue Mountains - and an impromptu stop at the 2KA transmitter. Most experienced the Skyway and Scenic Railroad - the latter plunging you down the hillside almost vertically. Sydney wrap up - and an early night, for some!

MONDAY 10 MARCH: Cloudburst. Streets awash. Three hours to get twelve miles out of Sydney. Chicken 'n chips at Sutherland, and we headed straight for Canberra. Preceded our dinner with a 'cultural' visit to the Australia '75 festival science exhibition at the National University. Antarctic scientific work, new AWA headphones and tele-phones, cancer cells, and the famous dung beetle set the palate right for our evening meal. A try out with the portable loop.

TUESDAY 11 MARCH: Canberra explored. Parks, fountains, hilltop views, a tour of the House of Representatives, a chance for some 'bargain' stamp purchases, the National Library, the National War Memorial Museum. Lunch, and then outback to the NASA tracking station at Tidbinbilla for a look at the 'dishes' and the audio-visual paraphernalia which told of the station activities. Back on the road again, ford a river, and we headed for Cooma. Wet. Raining. Dinner and a Film show at the local tourist office. Floods behind us - Bega isolated. Log 2GP (across the road from the motel 50W) on all night with 2BA.

WEDNESDAY 12 MARCH: Rain has closed Alpine roads; plans at Albury have to be accelerated. We headed for Khan-coban for lunch through some delightful alpine scenery and hydro lakes. Helter-skelter for a 4.15 deadline in Albury. 4.30. competition on 2AY live at which an NZ IP was given away for the first listener to identify a kiwi screeching - with fright or pleasure! Noted the welcome at the door. Brief tour of the station and off to Wodonga, three miles away across the border (surrender all apple cores) to Joe Drages Aircraft Museum, with Jeff Leury in tow with his Jag full of boomerangs. We viewed the old timers (aircraft that is) and then assembled on the 'airfield' to throw boomerangs. Onlookers would have been amused at the sight of 16 ducking heads as the 'implements' flew by. Many came back, one got lost, several ended up half a mile away, and about thirty were bought. Back to Albury 'as the sun set.' Walk to 2AY - open house with ten of the staff; buffet and booze by courtesy of AWA and very much enjoyed. Special QSL's issued (surely the most attractive in Aussie now), and bundles of goodies issued. A chance for 'behind the mike' shots, a down to earth chat with the engineers and others, and a DX call to N.Z. at 8.04.p.m. (AEST).

WEDNESDAY 12th MARCH - oversight - our dawn visit to 2XL Cooma. Two stalked off at 6.15.a.m. to announce the arrival of the DXCURSION in Cooma. Report of 5.45. test verified. The group visited the station and Ray Velare at 7.45.a.m. The start to our biggest day.

THURSDAY 13 MARCH: Another heavily planned day. Across into Victoria again and straight to Beechworth for a fifteen minute walk into history; thence to Wangaratta and awaiting 3NE. Bundle of goodies including lapel pins, and a wonderful welcome from a pro-DXer station. On the road again to an 11.15 rendezvous with Keith Glover in Shepparton. Lunch with Keith and thence to the RA transmitters for a thorough tour of the installation. An hour and a half later on board again for the Chateau Tahbilk winery in the backwoods of Victoria. Sipping, sampling, cobwebs. Melbourne here we come! Arrived at the hotel 5.14.p.m. Dinner.

ARDXC members appear, and arrangements made for rendezvous Friday evening.

FRIDAY 14 MARCH: A morning to sleep it all off - or blow some money on \$2.95 transistors, stereo phones for \$2, or Astrad receivers at \$69, and explore the shops. Temperature 33 degrees. 1.30.p.m launch on our city tour with added company of Keith Barton and Chris Martin from Adelaide over specially for our visit. Afternoon tea with staff of Radio Australia, and thence interviews for all at the studios, plus a 'meet the workers' on duty at the time. Opportunity this evening to meet ARDXC members 'in numbers' at the hotel and an interesting experience this proved to be.

SATURDAY 15 MARCH: More shopping. Hot. Many Duty Free bags return to the hotel. Afternoon outing with DXL members resident in Melbourne to Healesville Sanctuary with its platypus, emus, echidna, kangaroos, wallabies, and birds. A freshen up, and then by train and tram to Mt Waverley for a dinkum Aussie farewell function with guests of honour from Radio Australia - Keith Glover, Gordon Cairns, and Dick Williams with their wives; sherry, wine, champagne and the renown marvellous hospitality of Harry Weatherley and his family. 11.p.m. departures for some. Grog on the rest. Midnight we called it 'a day.'

SUNDAY 16 MARCH: Homeward bound. Penniless, satisfied, tired, a never to be forgotten, wonderful experience - and we'll do it again some day.

BEST OF THE MONTH

UNDER 9 MHZ

Turkish Met. Radio
6900 khz 2.5kw
Lindsay Robinson

OVER 9 MHZ

Oslo, Norway 21655 120kw
Graeme Shillito

Correction to Last Month's Over 9 Mhz.

RN Malagasy 21480 khz
300kw
Murray Robson

SHORTWAVE MAILBAG - tailoff

JOHN MAINLAND, Wellington ("They almost left me off") has veries in from TWR Swaziland 3388 Kota Kinabalu 15275 Brasilia 9605 P & P 21635.

BANDWATCH credits -----

JS Jack Searle	JMN John Martin
BCA Bruce Cavanagh	NG Nigel Greene
PR Paul Rawdon	RC Ray Crawford
MC Michael Cole	AW Alex Wellner (Aus)
MS Mike Smith	HJJ Hans De Jong
PO Paul Ormandy	DW Dick Whittington
EC Bryan Clark	CS Cecil Symmes
AC Arthur Cushen	SL Stan Larking
JF Jack Farrow	PG Peter Greener
IW Ian Wells	RCh Robin Chambers
SG Steven Greenyer	JM John Mainland
NR Nigel Robins	CC Colin Campbell
GB Garry Butler	BW Barry Williams
PF Paul Frost	PE Paul Edwards
CR Charles Richardson	

EYE SPY -----

Watch out for new QSL cards from Radio Windy!
Shortly we'll print an article about the technical services behind Radio I, Radio Hauraki and Radio Windy provided by Broadcast Services and Products Ltd - and how DXers can be of assistance and provide useful reports.



SW
QSL

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Out of the bag this month comes...
CLANDESTINE. Radio Espana Independiente 7690. Airmail report in EE with 1 IRC to Box 359, Prague 1, Czechoslovakia on 29/10/74. Picasso painting QSL card dated 15/11, posted in Paris 14/1/75 and recd 19/2. (Searle)
(Considered one of the most attractive QSLs. Printed in gold and azure on cream, with face of a woman blended into a dove of peace rising over a map of Spain. Tx Jack!)

INDONESIA. RRI Banjarmasin 3250. Letter in EE with date of reception included. Signed by A. Njongki BA, Chief of Studio Banjarmasin. RRI Palembang 4855. Attractive large QSL with full details & pen drawing showing panoramic view of village. V/s M. Arsyad Subik, Station Mgr. Both these stations reported in EE by registered airmail, with 1 IRC. (Marr)

KARELIAN ASSR. Petrozavodsk 4780. Usual style Radio Moscow card received, with full details, including transmitter location. Report sent to Moscow. (Congrats to Tony on verifying his 15th Russian Republic. The remaining one, Moldavia isn't on SW, but that doesn't detract from a meritorious effort)



SOUTH VIETNAM. VTVN Saigon 7245 card with full details in EE, received in 5 weeks for registered EE report, covering FF letter and IRC. (Clark)

(Considering the current situation in Vietnam, you may have been just in time, verifying your 150th country too!)

SPANISH SAHARA. El Aaiun 11805. Card in SS with thanks for reception report from Pablo Ignacio de Dalmases and cyclostyled programme guide. 4 weeks air for SS report with 2 IRCs. 75 page book about Spanish Sahara written by Senor de Dalmases also received by separate airmail. (Clark, Lynneberg, Williams.) (Amazing how once rare catches can suddenly be widely heard and verified!)

TAHITI. Radio Tahiti. Blue postcard received in 15 days. On one side a cartoon of radio listener, on the other side verification details, transmission times, frequencies and powers. (Their old 'blue' postcard depicted here.) (Wellner)

TURKEY. Turkish Meteorological Radio 6900, personal verie letter from Associate Professor Dr. Ahmet Rumeli. Received in 1 month airmail. Full details of transmission times and equipment given. (Williams)

WEST GERMANY. Radio Free Europe 3990. Usual blue and white card with date, time & frequency, together with latest frequency schedule showing transmitter location as Biblis and power 20kw. EE report with IRC verified in 6 weeks. (Clark)

Radio Liberty. Postcard verie received within 2 weeks, showing microphone, aerial mast and radio waves over the Soviet Union. Overprinted - "A Free Voice of the Peoples of the Soviet Union" in gold. Details of verification in English on the reverse. (Wellner)

(If you haven't a QSL from RFE or Liberty, it should be noted that both are only on the air until US-Soviet relationships reach a better understanding. Both stations are funded by American governmental agencies and are good verifiers. Check the WRTVH for details).

Thanks this time to Jack Searle, Tony Marr, Bryan Clark, Barry Williams and Alex Wellner. Have you received any good QSLs lately? If so, let us have a few details. Next column deadline at Box 2956, Wellington - 15th May.

DENE LYNNEBERG.



WINDWARD ISLANDS BROADCASTING SERVICE

Broadcasting House, Grenada, B.W.I.

Shortwave Mailbag

with JOHN MAINLAND

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Yes, it is Mailbag time once again. Sixteen of us enjoyed a very memorable nine days in Australia last month on the DXCURSION, and it was nice meeting other League members, as well as some of the people from Radio Australia and several Aussie DXers. Let us delve into the mail once again -

PETER GFEENER, Auckland has QSL's in from Peking 17532 Moscow 15130 Nederland 15110 Canada 9445 Japan 11725 RA 11970 P & P 15175 21635 AFRTS 11805 KGEI 5980 Iraq 9745 Singapore 11940 Bucharest 9690 17840 Voice of Phil 9580 Taiwan 15370 plus pennant RCI Malta 6100 Vietnam 12035 ETLF 15250 Prague 15310 21700. The trip to Aussie was most enjoyable.

JACK SEARLE, Haumoana has QSL's from VQ05 5015 Bayerischer Rundfunk 6085 Espana Indep 7690 Baghdad 11785 Brasilia 11780 DW Jul 6100 Werch 11765 SBC 3985 11870 RNE 7105 Wien 21675 Prague 9605 RAI 11905 Israel 7395 12025 RSA 15155 17780 RA Lyn 15130 RA Shepp 17860 17850 RCI Malta 6100 9510 RCI 11865 9445.

GAY JOHNSTON, Christchurch has logged six and has QSL's from KGEI 5980 Kuwait 9715.

LANCE JOHNSTON, Christchurch has also logged six and QSL'd Saudi Arabia 9605 ORTF 9675 VOFC 7130 Japan 9585 SBC 6045 KGEI 5980 DW 6185 RNE 9630 Ned 6165 Israel 7395.

LINDSAY ROBINSON, Invercargill has them from KGEI 6000 SIBS 5015 Turkey Met 6900 Nigeria 6145

PAUL FROST, Tauranga has them from Vatican 9645 Moscow 9630 9810 RNZ 15280 Brasilia 11780

DAVID OSBORNE, Hastings has QSL's from Poland 7270 Norway 15175 Budapest 9833 11910 Prague 7345 9745 Kiev 11730 15450 IBA 9009 15100 7395 Voice of Vietnam 15012 ORF 21675 RDV 6075 9690 KBS 9640 AIR 15205 Holland 15130 15305 15110 VOA 15205 Wooff 15290 17895 21460 17790

NIGEL GREENE, Paremata has 7 out and QSL's in from Canada 6100 9625 VLH11 11880 Bucharest 15380 UN 6145

PAUL EDWARDS, Wellington has QSL's in from Peking 9480 7660 Japan 15430 Norway 15175 Poland 7270 9675 Saudi Arabia 9605 ETLF 11800 Belgium 9730 Bulgaria 9700.

JOHN MARTIN, Lower Hutt has QSL's from Oslo 15175 Sweden 11705 9605 WYFR 11805 VOFC 11825 BBC Asc 9765

GRAEME SHILLITO, Dunedin has 12 out and QSL's in from Solomons 5015 P & P 21745 Norway 21635 France 11710 Ghana 4915 BBC 3952.

BRUCE CAVANAGH, Invercargill has 12 out and QSL's from Sahara 11805 CBC 15235 Ned Mala 15265 NHK 9585 WYFR 11805 ORTF 9770 Riyadh 11855 Tahiti 11825 Prague 11855 VQ05 5015 Brasilia 11780.

PAUL RAWDON, Lower Hutt has 16 this month with QSL's in from Tashkent 9540 6025 plus pennant Kuwait 11940 RNZ 11900 RSA 15155 Israel 9009 7395 9815 12025 ETLF 15365 Red X 15305 RN Lopik 15110 Japan 11815. No news on the new report forms yet.

RAY CRAWFORD, Invercargill has them from CBC Malta 6100 RA 5995 6005 VQ05 5015 Nederland 15110 Moscow 15130.

HARRY WEATHERLEY, Melbourne has no loggings to report "too busy with the NZ DXers visit" (our quote) but has QSL's from Buenos Aires 6060 Beirut 11965 and a refusal from Moscow 17765 "we do not allow verification of Home Service or Radio Mayak stations."

MICHAEL COLE, Auckland Has QSL's from Japan 6030 9585 15390 15430 17725 and Brasilia 11780.

ALEX WELLNER, Sydney has QSL's from North Vietnam 12035 FEBG 11920 Cuba 11760 Spain 11925 RSA 11900 Prague 21700 Israel 12025 Poland 9540 Bonaire 9715 Liberty 17895 Kuwait 15345 Tahiti 11825 Free Europe 11815 BBC Cyprus 9690 Pakistan 17830 21730. Re your query: Voice of the Malaysian Revolution is a China based clandestine and has been noted on 11830 opening at 1030. Also uses 15790. EE reported at 1500.

LANCE ANDREWES, Dunedin has none out (resting ?) but 3 DW 7130 9735 17800.

BARRY WILLIAMS, Auckland has QSL's from Bangladesh 15520 Allouie 7215 DW 11850 Djeddah 11855 KGEI 5980 Brasilia 15445 ETLF 11830 VOA Monroev 17870 AFAN 6012 DW Malta 5955 RAJ203 11805.

PAM SUTTON, Oamaru in her first Times report has QSL's from RA Shepp 17715 HCJB 11915 6130 RN Bon 9715 RCI 5 freqs BBC 9915 DW 6075 Japan 9530 15235 Peking 11600 AIR 11620 RHC 11760 FEBC 11890 Sweden 11940 Bucharest 11940 Moscow 12000 Peking 15435 BBC 9915 APTS 6095 Prague 11855

HANS DE JONG, Tasmania has QSL's from RA Shepp 9625 15290 11970 NHK 9585 15430 RCI Montreal 9445 VOA Tinang 9630 P&P 11820 Moscow 17815 BCG 15370.

BRIAN MOLLOY, Auckland has QSL's from Nederland 11825 15110 Bonaire 6165 Prague 11855 BBC Ascen 6005 P & P 11950 ZL18 Peking 15060 France 15300 7135 DW Sack 9605 Wertoh 6145 Jul 9700 Portugal 11840 Tashkent 9540 Kuwait 11940 RCI Sack 5970 Havana 11760 WYFR 11855 VQ05 5015 Israel 12025 KGEI 5980 plus pennant NHK 15195 IBRA pennant. Re loop - overall size of loop dictates the number of turns of wire to cover the full MW band. Not that critical that differences in inches will affect the coverage. What you are doing is in effect winding a coil - smaller dimensions more turns, bigger dimensions less turns. The bigger dimension the loop the best pickup (stations PLUS noise too !)

DMS DAVEY, Te Kuiti has veries from Tahiti 15170 Ned 11730 Seoul 9640 Kuwait 11825 9715 Koln 11785 Prague 7345 NHK 15235 11875 Taipeh 15370 NHK 15105.

PAUL ORMANDY, Oamaru has QSL's in from Canada 9755 5925 5960 Bougain -ville 3322 Japan 15195 11875 Western Highlands 2450 VOA 25950 BCG 11955 Tahiti 15170 Prague 11855 DW 9655 VOV 10040 Pyongyang 9340 Peking 15060 11720 Moscow 12060 RAI 7275. Voice of Vietnam is located on North Vietnam.

BRYAN CLARK, Wellington has three reports out and QSL's in from NBC Calabar 6145 RFE Biblis 3990 Stockholm 6065 Brasilia 9605 Oslo 11895 VTVN Saigon 7245 (country 150) VOA Bethany 21540 Monrovia 15445. Congratulations on 150th country.

AUSTIN HADLER, Christchurch has QSL's in from RA Shepp 9755 9745 Dar Shepp 7270 Poland 7125 France 7135 11705 11920 DW 7105 7130 6145 Hungary 9655 Kuwait 11940 Norway 6180 KGEI 5980 Taiwan 15370 Solomons 5015 Israel 7395 Austria 17850 Some good ones there Austin.

COLIN CAMPBELL, Rotorua one QSL: TWR Bonaire 11815.

4 JOHN DURHAM, Meremere has QSL's in from RBI 17700 RN Talata 15265 Sahara 11805 WYFR 9690 Honiara 5015 Accra 4915 Bayerischer RF 6085 KGEI 6000 DW Cycl 6065and 6 from RCI.

CECIL SYMMES, Wellington has a goodly list of QSL's in from Solomons 5015 Peking 15435 RA Shepp 11790 15290 FEBC 11920 RN Malagasy 17830 Liberia 9740 Portugal 6025 Tahiti 11825 Poland 15150 SBC 11775 BCG 15070

ARTHUR CUSHEN, Invercargill has verified Lisbon 9630 Bucharest 11790 ORU 11805 HCJB 11835 CBC-D 5995 France 11705 Brazil 9605 Israel 5900 CBC Malta 11785 Vatican 11700 Hilversum 15105 5955

STAN LARKING, Whakatane has 30 out and QSL's in from Tokyo 15430 RN Hilv 15185 7210 HCJB 9680 Prague 21700 9505 15415 ETLF 11800 Rawalpindi 17830 DW Malta 9625 Werch 15145 RFE 11735 RNZ 9755 Bucharest 11790 WYFR 11805 DDR 15255 Luxembourg 15350 SBC 11870 SIBS 5015 Sri Lanka 11800. An Interesting list Stan.

JACK FARROW, Lower Hutt has 12 out and QSL's in from VLI6 RCI Malta 6100 Sofia 9700 VIQ9 SBC 9725 Sweden 11705 DW Malta 11865 HCJB 11915 VOA 17820.

PETER MOTT, Christchurch has five out and QSL's in from HCJB 11915 5970 and RN Bonaire 11730. Welcome Peter.

MIKE SMITH, Matamata has six out and QSL's in from DW 21600 Singapore 11940 SIBS 5015 Ecos del Torbes 4980 plus pennant Brazil 11780 Israel 7395 Korea 11925 VOF6 15370 FEN 6155.

IAN WELLS, Milton has QSL's in from Clarin 4850 plus pennant Contiente 5030 KGEI 5980 Kuwait 9715 SIBS 5015.

ROBIN CHAMBERS, Opunake sneaks into SW with QSL's from NHK 9585 RN-B 9715 RNE 9630 and Prague 7345.

STEVEN GREENYER, Invercargill has them back from NBC 7275 Calabar 6145 Clarin 4850 Turkish Met 6900 SIBS 5015 Spanish Sahara 11805 Afghanistan 15195 Ghana 3366 Minerla 9750 Ethiopia 9610. A good list Steven.

GARRY BUTLER, Wellington has QSL's in from VOV 10040 ETLF 11800 BCG 15370 Helsinki 9550 Poland 7270 RSA 15220 Papeete 15170 NHK 15300

NIGEL ROBINS, Wainuiomata has QSL's: Ned Bon 15320 Portugal 9740 SBC 6045 Tunisia 11970 Brasilia 11780 VOA Okin 7165 Austria 11870 RBI 15250 Bank Met 7866 Singapore 11940.

SHORTWAVE BANDWATCH



Items of interest include reception of Sierra Leone on 90 metres; Ghana is noted on several frequencies with the Home Service and External Service; Radio Nigeria from the regional station at Calabar continues to be heard on 6145kHz; Test transmissions from Helsinki beamed to western Europe are noted on this same frequency; ELWA Liberia is audible on 4770, 11950 and 15170kHz; Radio Cairo is using 9625kHz for broadcasts to the Americas; and RNE Madrid is using a new channel of 9715kHz. Now to the listings.....

+ indicates overseas contribution. All times GMT. Frequencies in kiloHertz.

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
2450	1230	PAPUA NEW GUINEA	Radio Western Highlands	good signal.	RC
2510	0950	SOUTH KOREA	KBS	strong in Korean with musical prgm.	IW
3195+	1948	IRAQ	Radio Baghdad	with AA mx and singing.	DW
3220+	1100	PAPUA NEW GUINEA	Radio Morobe	with Pidgin mx prgm, fair. Other stations noted Radio Madang 3260, fair; Radio Wewak 3335 fair; Mt Hagen 2450 fair with Western mx, spoilt by teletype.	AW
3241	1300	INDONESIA	RRI Ambon	with fair signal.	RC
3250	1325	INDONESIA	RRI Banjarsin	heard until s/off 1518.	BW
3255	1035	VENEZUELA	La Voz del Tigre	fair occasional nights along with other YV's on 3215, 3225 and 3395.	SG
3290	0830	PAPUA NEW GUINEA	Radio Central Districts	popular mx Saturday.	SG
3316	0700	SIERRA LEONE	SLBC Freetown	logged with BBC Nx relay, followed by local notices. Closed 0731. Poor.	SL
3366	0600	GHANA	Accra	fair with EE Nx 30/3. 4915 in // usually better signal, often audible.	BC
3380	1114	ECUADOR	Radio Iris	fair with idents by male & female annrcs.	SG
3390	1016	ECUADOR	Radio Zaracuy	good with local mx. Also 0700 Sundays.	SG
3905+	1804	INDIA	All India Radio, Delhi	fair in AA to West Asia.	DW
3910	1815	JAPAN	Far East Network	good with mx. PR 0910 fair-good.	GB
3955	1900	IRAQ	Baghdad	presumed the strong AA here, presumably ex 3960. No parallels located. 22/3.	BC
3960	0600	WEST GERMANY	Radio Liberty	now here in swap with RFE 3990. Fair with Ukrainian nx through the jamming.	BC
3990	0550	WEST GERMANY	RFE Bibliis	20kw(per latest skd) vg in Polish with nx 0600. IW VG in Polish till s/off 0645.	BC
4060	1750	PAKISTAN	RP EE	to 1800, Urdu to s/off 1812. Good level. Ident as "Yeh Radio Pakistan, Rawalpindi, Heh".	NR
4719+	1342	INDONESIA	RRI Ujung Padang	fair with mx, ident in II 1344.	DW
4735+	1940	PAKISTAN	Karachi	with mx prgm in AA, fair. Ident 1945.	DW
4780	1817	AFFARS & ISSAS	Djibouti	followed through to s/off 2000.	BW
4800+	1030	VENEZUELA	Radio Lara	mx & discussion in SS. Ident 1036, fair.	DW
4832	0515	COSTA RICA	Radio Capital	good in SS, much mx & ids. NR 0730.	AW+
4840	1815	INDIA	Bombay	with EE Nx from Delhi. Fair to close 1830.	SL
4845	0930	MALAYSIA	Kuala Lumpur	with talk by man & woman. Bad reception.	CS
4850	0700	MAURITANIA	Nouakchott	AA s/on, Koran chants, AA Nx. FF Nx 0730 then vernaculars. NR. 0701 poor. AA Nx 0710, FF 0730. Off 0800. (Station has returned to this frequency from 4845.Ed)	FE
4870	1733	SRI LANKA	Colombo	fair in Sinhalese at signoff.	NR
4872	1116	INDONESIA	RRI Sorong	many ids per WRTVH '8FW20' in Indonesian.	PO
4904	1932	CHAD	Ndjamana	easy copy in FF on Barlow Wadley. Better earlier 2030 very good signals in FF.	BC
4915	1830	KENYA	Nairobi	in Swahili with African drum mx. Blocked 1900.	CC
4970	0600	VENEZUELA	Radio Rumbos	good signal.	JS
5005	1020	MALAYSIA	Kuching Sarawak	poor. Station ident hrd.	CS
5010	0630	COLOMBIA	Radio Sur Colombiana	very good in SS.	JS
5015	0705	SOLOMON ISLANDS	VQ05 Honiara	fair with Requests. CS. 0730 with Hospital Requests, Fri. CC. 0900 BEC Nx. JS 0916. IW. 0930 Pidgin	AW+

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
5047	1000	INDONESIA	RRI	Jogjakarta? with requests Friday in Indonesian.	CC
5052	1035	MONGOLIA	Ulan Bator	noted weak in Russian on a Tuesday.	NR
5052	1615	SINGAPORE	Radio Singapore	good with mx till s/off 1630.	PR
5825+	1600	BANGLADESH	Dacca	new frequency with Hindi Nx.	Cosier ADXN
5900	0505	ISRAEL	Jerusalem	fair with EE Nx. JF 0506 IBA //9815, 7395, 9009, 12025. PO. 0500 EE Nx S9+! JS Also logged at this time - 9815 fair MS. 9815 exc in EE. RC. 7395 & 11960 15min EE nx.	AW+
5950	1330	PAKISTAN	RP s/on	in Urdu with Koran, vg. Ident "Yeh Radio Pakistan, Islamabad, Heh". Also 6235 vg in Urdu at 2015.	NR
5955	1720	FRANCE	Radio France	"Paris Calling Africa" good in EE.	CS
5967	0540	DOMINICAN REP.	HISD	Radio TV Dominicana with SS/EE language lessons on a Sunday.	CC
5980+	1958	SOUTH AFRICA	RSA id & s/on	in FF fair. QRM from Moscow in EE.	DW
6000+	0830	BRAZIL	Radio Inconfidencia,	fair in PP.	AW
6025	1900	PORTUGAL	Lisbon	with chimes & ids. CS. 2030 EE Nx & ident, good.	DW+
6035	1014	BOLIVIA	Radio Panamericana	good occasional nights when usual RR station missing. Full ids & frequency anncts.	SG
6060	0930	ARGENTINA	LRA	good in SS with many idents. "Informativa Rural" and "Musica Regional Argentina".	NR
6085	0649	WEST GERMANY	Bayerischer Rundfunk	fair in GG. Nx 0700. JS 0730.	CC
6090	0615	LUXEMBOURG	Radio Luxembourg	strong on new Barlow Wadley rx! 0730 fair in German under VLI6 Sydney.	JS
6100	1830	YUGOSLAVIA	Belgrade	strong in EE. Co-channel QRM. JS. 2000 EE.	DW+
6100	0545	MALTA	CBC Relay.	FF 0600, EE 0620. NR. 0620 vg //15295. MS 0705.	GB
6110	0642	GREAT BRITAIN	BBC African Service,	music, good.	PR
6110+	1059	PHILIPPINES	VOA	good-exc with EE news, "This Week".	HdJ
6130	0606	GHANA	Radio Ghana, Tema.	Fair in EE. Noisy QRM after 0630.	JS
6130	0930	ECUADOR	HCJB	with "DX Partyline" in EE, Saturday. Very good.	PO
6145	0600	NIGERIA	EE Nx, severe side band.	AC. NBC Calabar fair one night with news in a local language at 0610.	SG
6145	0659	FINLAND	Helsinki	with test transmission to Western Europe. I/sig & Finnish anncts, very poor. Splash from HCJB 6140. JM According to BBC Monitoring Service, sked is 0700-0800 on weekdays & 0730-0830 Sunday. Finnish & EE prgms except Thurs when Swedish and English.	
6165	1306	SOUTH VIETNAM	VTVN	Saigon fair level in Vietnamese.	NR
6165	0700	SWITZERLAND	SBC	with EE Nx, good. JF VG at s/on. NR. SBC European Service EE nx 0700. CC. 0707 Jazz exc. PO. 2108 fair in EE.	DW+
6190	1830	VATICAN STATE	Vatican Radio	in Italian to Europe, good after BBC Tebrau Relay closes on 6195. CC. 2050 EE good. DW+ 2150 EE. JF	
6195	1800	MALAYSIA	BBC Tebrau	World Nx, poor. CS. BBC UK here in GG 1925.	DW+
6199	1317	CLANDESTINE	La Voix du Pathet Lao	fair in // with 6204 - vg. NR	
6200+	1230	MALAYSIA	BBC Kuala Lumpur	in Indonesian. Replaces 6175. Yeo ADXN	
6348+	1330	SOUTH KOREA	Voice of Hope	with Korean ident & folk mx. Move to avoid Peking 6345. Goonetilleke, Junqua UADX	
7050+	2114	EGYPT	Cairo	with "Voice of the Arabs" good in AA. Ident 2115. DW	
7085	1124	PAKISTAN	Karachi	good in Urdu. BCa. 2118 EE pop mx prgm, good.	DW+
7100	0700	MONACO	Trans World Radio	good with rlg prgm. AW+ 0730 EE good.	PO GB
7115+	0700	WEST GERMANY	Radio Free Europe	exc in Hungarian. AW (According to current sked is Lisbon tx 100kw till 0715 then Biblis 50kw)	
7130	1645	ETHIOPIA	ETLF	Addis Ababa mixed with Deutsche Welle.	BW
7150	1905	INDIA	AIR General Overseas Service	in EE. NR 1943 fair in EE.	JS
7165	1100	RYUKYU IS.	VOA Okinawa	tx ident then EE NX. Very good.	NR
7195	0530	AUSTRIA	Vienna	mx prgm in GG. S/off 0555. Fair, new freq x7205. JM	
7210	0800	HOLLAND	RN Lopik	poor in Dutch. SL. This not //9770 but beamed to Europe & Africa //15185, 11730, 5955 & 6045 all from Lopik.	
7235	2028	ITALY	RAI Rome	good with Nx.	FR
7245	0730	ALGERIA	RTVA Algiers	poor in FF due het & hams. Also 11910.	BC
7260	1815	EAST GERMANY	RBI Berlin	fair in EE with frequency info.	CS
7265	0502	GREECE	VOA Kavala	fair with news.	JF
7280	0859	RUSSIA	Radio Moscow	s/on vg in JJ. Also on 11700.	BCa

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITIALS
7275	0700	NIGERIA	Voice of Nigeria, Lagos	fair with EE ident. MS. 0708 poor-fair in EE. PGR. 0700 EE news and ident, fair.	DW+
7295	1900	GREECE	VOA Kavala	s/off after Breakfast Show.	BW
7300	1600	TADZHIK	SSR Radio Dushanbe	local ident & prgm till 1630.	BW
7345	0259	CZECHOSLOVAKIA	Radio Prague	poor in EE, but //11990 vg.	PE
7580	1230	NORTH KOREA	Radio Pyongyang	good in EE. (9415 at 2040 EE PE)	PGR
7866	1030	THAILAND	Bangkok Met Radio	ex7863. Pops, EE & Thai anncs.	NR
9505	1716	PHILIPPINES	FEBC Manila	fair reception in Russian.	MC
9510	0230	UNITED STATES	BBC World Service	relay via VOA Greenville, fair	JM
9515+	0715	SPAIN	RNE Madrid	good in Hungarian.	AW
9525	0230	LEBANON	Beirut	good in EE. SS 0300. JS 0237 fair-good. GB.S/on fair in FF to Nth America at 0130.	JM
9525	0445	UNITED STATES	WYFR Family Radio	Bible prgm in easy EE, fair.	JM
9530	2100	AUSTRALIA	RA Shepparton	100kw new freq in EE to Asia, fair.	CC
9540	1200	UZBEK	SSR Tashkent	good in EE. PGR Good //11925 & 6250(?)	BCa
9555	1800	KUWAIT	Radio Kuwait	here ex9715 in EE to Sth Asia, good. Co-channel QRM Radio Liberty 1900. JM. 1738 EE Nx exc on 9520? 1835 news in EE good. CS. Very good in EE //11940.	PR BW
9560	2030	BULGARIA	Sofia	s/on in Italian. Poor reception.	MC
9562	0545	PERU	Radio Nacional	easily separated from HCJB 9560. Mx pgm.	BC
9570	0305	ROMANIA	Radio Bucharest	good in SS to Americas.	BCa
9590	0200	NETH. ANTILLES	RN Bonaire	relay exc in SS. PE NG. 0300 good SS. CC	CC
9595+	0917	JAPAN	Nihon SW Broadcasters	JJ discussion. Ident 0920, fair.	DW
9612	0430	ETHIOPIA	Radio Ethiopia	s/on in Amharic. Nx & Talks past 0530	NR
9615	2200	MOROCCO	RTVM Rabat	Id & Nx in AA. "Ida'at il Mamlakah t'il Maghrebiyah min ar Rabat".	NR
9615	0610	WEST GERMANY	Deutsche Welle	good level in EE to Africa.	JS
9620	1100	SOUTH VIETNAM	VTVN Saigon	good with interval signal, time pips, nx in Vietnamese till 1125, then music.	NR
9625	2315	AUSTRALIA	RA Shepparton	100kw fair with Nx in Indonesian.	CS
9625	0115	EGYPT	Cairo	SS Nx to South America, fair. New freq ex 15335 // 9475. Also with EE Nx 0315. FF also noted 0130 on 9455 30/3.	JM
9630	0505	EGYPT	Radio Cairo	in AA mixed Moscow in FF, poor level.	PF
9635	0200	BRAZIL	Radio Aparecida	many idents in PP, fair signals.	NR
9645	0915	BRAZIL	Radio Bandeirantes	poor-fair in PP. QRM Koln & Korea.	NR
9655	1120	CANADA	Radio Canada	good with news in EE.	BCa
9675	0630	POLAND	Warsaw	EE vg. JS fair, splash ABC 9680, VOA 9670. CC 0630	DW+
9700	0500	BULGARIA	Radio Sofia	good in Serbo Croat.	GB
9715	1900	SPAIN	RNE Madrid	good with SS Nx on this new frequency 25/3.	JM
9720	0600	SAUDI ARABIA	March	then news in Arabic.	AC
9740	2030	FRANCE	Radio France International	nx & mx in FF. HdJ. Others hrd 9605 FF to Africa 2200. NR. 11710 0225. GB (Noumea? Ed) 15155 FF Mx prgm 0935. CS 11845 good-very good in FF, 0703.	NG
9740	2030	PORTUGAL	Lisbon International Service	good level in EE.	NR
9750	0948	CHILE	Radio Nacional de Minería	good but splash adjac. freq.	SG
9790+	0000	ALBANIA	Tirana	s/on in Albanian, fair.	DW
9805+	2200	EGYPT	Cairo	poor in EE to Europe. Jammed 2221.	AW
9915	0615	GREAT BRITAIN	BBC Nx & cmt	good. JF. 0620 BBC World Service.	PO
11535	1012	NORTH KOREA	Radio Pyongyang	good in EE.	BCa
11620	2210	INDIA	AIR General Overseas	Service good in EE //11740.	PO
11705	2209	VATICAN	Vatican Radio	poor in EE to Aust/NZ. JS 2210 s/on exc. PO. 11700 logged with music prgm 2046, good.	PR
11705	0230	SWEDEN	Stockholm	nx in EE, good. JF EE to Aust/NZ good once.	CC
11710	1901	NEW CALEDONIA	Noumea	fair in FF. Jm. 2200 good in FF.	CC
11710	2100	GREAT BRITAIN	VOA Woolferton	(per sked) good in Hungarian s/off	CC
11720	2356	INDONESIA	RRI Jakarta	National Programme good level /2200 CC at times in Indonesian. NR 0020 fair with pop mx prgm.	DW+
11730	2000	MALAGASY REP.	Radio Nederland	relay s/on in PP. Fair reception	MC
11735	1830	SWEDEN	Stockholm	has news in EE, but mixed with Paris.	AC
11735+	0445	USSR	Radio Moscow's African Service	in EE, good.	AW
11760	2245	PHILIPPINES	VOA Breakfast Show	(here ex 9545 Ed) very poor.	CS
11765+	1046	USSR	Peace & Progress	good in EE.	HdJ DW
11770+	2334	MEXICO	XERMx Radio Mexico	SS mx & many idents, fair.	DW

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME & RECEPTION DETAILS</u>	<u>INITS</u>
11785	1945	MALTA	Radio Canada	relay with CBC prgms till 1957.	AC
11805	0800	SPANISH SAHARA	Radio Sahara El Aaiun	now has SS till 0900, then AA till 1330, then SS till s/off 1800 on this freq. Prgms "Radio Noticias" & "Buenos dias desde el Sahara". 0755 vg.JS. 0757 s/on good.PR. 0802 SS at fair level.	NR NG
11805	2100	UNITED STATES	WYFR EE nx //9690.JF.	AFRTS here 0554, fair.	CS
11825	0030	EAST GERMANY	Radio Berlin	International SS to America, fair.	JM
11825+	0550	ROUMANIA	Bucharest	good in EE, QRM Tahiti.DW. TAHITI 0400.	AW+
11830	1945	ETHIOPIA	ETLF Radio Voice of the Gospel.	Fair s/on in EE.	SL
11830	0400	ECUADOR	HOJB	Quito good in Roumanian, RR 0430.CC 0430 fair.	RC
11835	0557	AUSTRIA	Vienna	here ex11865, fair in GG to East Asia s/on.	JM MC
11835+	1030	SRI LANKA	Colombo	poor with nx in EE, FF, GG. HdJ. 1115 EE rlg.	DW
11840	0700	SWITZERLAND	SBC Berne	new freq ex11870 to Far East. Poor due strong Paris 11835.MC.0910 EE to Aust/NZ but AFRTS co-ch.	JM
11855+	0730	CZECHOSLOVAKIA	Prague Nx.	CR. Asian Svce fair-good.	AW EE good DW
11860	1000	TAIWAN	BEC Taipeh	fair signing off in Chinese.	BCa
11865	1933	ECUADOR	HOJB	Quito with "DX Party Line".	PR
11875+	1400	ANGOLA	Luanda	overall fair in PP. EE at 1500. Pickering	SDC
11880	0450	TURKEY	Ankara	good with id "Burasi Turkiye nin Sesi Radyosu"	NR
11880	0342	MEXICO	Radio Seis	good in SS with "mejor musica tropical". Id includes mention of new network - Radio Uno, Radio Dos, Radio Tres, Radio Cuatro, Radio Cinco & Radio Seis(ex Radio Fiesta) BC. 15110 exc in SS 0745 till off at 0800.	PE
11895	0657	NORWAY	Oslo	good with EE id at s/on, then Norwegian. New freq. 0800 Good signal in Far East transmission.	BC SL
11940	0020	SINGAPORE	Radio Singapore	Mx, EE Nx at 0030, fair.	NR
11950	0445	SAUDI ARABIA	Riyadh	vg. Jeddah 11685 noted // at 0520.	GB
11950	0700	LIBERIA	ELWA	Monrovia with BBC Nx relay, followed by African & local news. Parallel 4770. Both at fair level.	SL
11970	2300	TUNISIA	RFTT Sfax	AA Nx & cmt & Koran good to s/off 2336.	NR
12025+	1130	ISRAEL	Jerusalem	with EE Svce to Asia & Pacific since 2/3 according to cable from IBA received by Victor Goonetilleke/	UADX
12140	1800	ROUMANIA/CLANDESTINE	Radio Espana	Independiente fair with talks in SS, jammed. SL. 1330 good with SS Nx. Sked to 1355NR	NR
15084	0400	IRAN	Radio Iran	fair in EE(?) MS. 0420 exc in Farsi with advts for RCA, JVC Nivico, Johnsons Baby Powder. PO. 0628 Educational prgm, vg PF. 0800 Western & Arab mx till blocked by China 0830CC	CC
15115	1019	PAKISTAN	Radio Pakistan	vg with Urdu mx prgm. BCa 1100 in EE.	AW+
15170	2055	LIBERIA	ELWA	Monrovia in AA to s/off 2133. Good but mxd TahitiNR	NR
15195	1130	AFGHANISTAN	Kabul	poor-fair in EE. Requires IRC for QSL.	BCa
15245	2000	BRAZIL	RNB Brasilia	vg in GG. At 2100 EE follows on 11780 vg.	BC
15260	0530	JAPAN	Far East Network	weak with pops. Nx 0600. SG 0755 poor.	PF
15265	1340	SWEDEN	Stockholm	fair in FF to Nth Am. New freq ex 17710.	JM
15275	2140	NETH. ANTILLES	Norea	Radio via Bonaire in Norwegian till 2200. PO	PO
15345+	1400	GREECE	Athens	Greek Service s/on, new freq ex 15435. Hanner	ADZN
15365	0135	CANARY ISLANDS	RNE	Relay poor-fair in SS.	GB
15370	0000	TAIWAN	BCC Taipeh	nx & mx. CR+ 0200 EE Nx good. HdJ+DW+ Fair	GB PGR
15380	0645	ROUMANIA	Bucharest	good in EE. Also 15250 at 0654 good and 17775 fair at 0703. Jm 17775 poor in EE to Far East, jammed.	SL MC
15390	1200	JAPAN	NHK Tokyo	in EE to Europe fair //15325. Both new freqs.	MC
15790m	2312	CHINA/CLANDESTINE	Voice of the Malayan	Revolution good in CC, changing to Tamil prgms at 2315.	SG
17740+	0700	EAST GERMANY	RBI Berlin	with nx & cmtry to Sth Asia, EE fair.	DW
17775	1930	UNITED STATES	WINB	Red Lion poor closing at this time.	SL
17775+	1230	AUSTRIA	Vienna	good in EE.	AW+
17780	0706	SOUTH AFRICA	Radio RSA	Johannesburg fair in French.	PR
17775	0030	UKRAINIAN SSR	Radio Kiev	good in EE to Nth Am, //17720 fair.	NR
17825	0100	JAPAN	NHK Tokyo	Nx in EE, fair. Also 17725 at 0140 EE fair.	CS
17840	1200	ROUMANIA	Bucharest	in EE to Asia, good. (Sked //15235 to 1230)	SL
21590	0820	USSR	Radio Moscow	Home Service vg //21745. New freqs 2/3.	BC

SORRY WE HAD TO 'COMPRESS' THE HIGHER FREQUENCIES A LITTLE. CREDITS ON P.11

ARTHUR CUSHEN'S SHORTWAVE REVIEW 19

Plans for the reconstruction of Radio Australia's relay station at Darwin have been temporarily shelved in favour of a new site in Western Australia. Reception is still subject to a period each month of poor conditions, making regular listening difficult.

ALL TIMES ARE GMT

ALL FREQUENCIES KHZ

Austria: Vienna is heard with the DX Session on Sundays at 0920 on 9770, after Bonaire leaves the frequency.

Australia: Tests have recently been carried out from Gnangara near Perth, in Western Australia, on low power beamed to South Africa, Europe and Indonesia in order to find a new site for a Radio Australia relay station. A replacement for Darwin is of some priority, and other sites in Western Australia as far north as Carnarvon are being considered. Once the site is chosen, installation of three 250kw transmitters will commence and it is expected that the new station will be in operation early next year. The Australian Government has approved the expenditure of \$3 million on this project. Further updating of equipment is also proposed at Shepparton, and other centres and will cost \$19½ million.

CHILE: Radio Nacional at Santiago, according to a newspaper from Chile, is now operating on 6190 9510 9550 11810 and 15150 with English at 0030 0230 0430 1020 1220 and 2210.

Glandestine: The Voice of the Malayan Revolution, a pro-communist station is giving excellent reception on 11830 and 15790 with English from 0930-0955. The programme consists of news, talks, and march music. A further transmission on the same frequencies is made at 1500-1530.

Ecuador: HCJB Quito uses 6065 from 0830-0900 in Russian and then has programmes to South America with German at 0930 and Portuguese at 1000. At 1100 the service is to the Far East in Russian with Japanese from 1130 to 1230. Another new frequency, 6165, is mixed with Nederland and Berne at 0600. HCJB is also heard on 6140 from 0600-0830 beamed to Europe with German at 0600.

Finland: Helsinki now uses 9550 from 0300-0400 with English at 0330 followed by Finnish.

France: Radio France, Paris can be heard on 6045 at 0600 but is mixed with Berne. Additionally France is using 9525 9605 9675 11710 11735 11745 11835 and 15160 at this time.

Germany (East): RBI Berlin has extended its service in Spanish and is heard on 6040 closing at 0500.

Germany (West): DW Cologne has closed its service to North America with effect from 1 April.

India: AIR Delhi has been heard with programmes to Africa from 1945-2045 on 9755 and 11880. The Service to New Zealand and Australia from 2045-2215 is carried on 7260 9912 and 11740.

Malta: Radio Canada International is now using the relay on 11785 in place of 11940 from 1800-2000.

Philippines: The VOA to Oceania from 2200-0000 is now on 11760 in place of 9545. The programme is also carried on 15290.

Portugal: Lisbon is being heard on the new frequency of 9590 opening at 2000 in Portuguese to Africa. The English schedule is currently: 0230-0300 11935, 0430-0500 6025, 11935; 1400-1430 21495; 1600-1630 17895; 1800-1830 11875, 21495; 2030-2100 9740.

Sweden: Stockholm is using 11735 to South Asia from 1830-1900 in English, but this frequency is mixed with Paris. Other frequencies at this time are 11705 and 15240.

Tahiti: English news and weather 1900-1907 daily except Sun-day on 11825, 15170.

..sign off..

VOICE OF THE UNITED ARAB EMIRATES has following new schedule: 9620kHz (120kw) in Arabic 0900-2100 GMT. On MW 809kHz (50kw) in AA 0200-0600 & 0900-2100, but continuous on Fridays; 850kHz (10kw) has AA 0600-0900 and English at 0900-1100, except Fridays.

WRTVH via Sunspot.

COLOMBIA. Radio Nueva Granada is installing two new 15kw transmitters, with operation due by 1976. One will probably be used for 610kHz and the other on 6160kHz. Mike Peraaho, SCDXers.

RADIO RSA's DX Editor Gerry Wood has organised another contest:- During the period May to September, DXers are requested to submit reports on SABC or RSA broadcasts. Listeners must correctly verify one transmission of either Radio RSA or SABC domestic broadcasts in each of the SW bands used from South Africa during the contest period, ie 11 metres to 120 metres, if all bands are in fact used. First 40 qualifiers will receive a book on DXing written by Gerry and later qualifiers will win a booklet on foreign language reception reporting.

market square

FOR SALE: Sony CRF-160, double conversion portable with 9 bands of 600 kHz, plus LW, MW, FM and low SW. Less than 2 years old, excellent condition. Make an offer (new price was \$534) to Lance Andrewes, 83 Cannington Rd, Dunedin.

A.J. Brooks, 5 Farrant House, Winstanley Rd, London SW11 2EJ, England sells old RADIO MANUALS including AR88D £1.00, AR88LF £1.25, BC221 at £1.25, most Eddystone models, also Marconi's, HRO's, etc etc. If you have a communications receiver of any vintage or brand, but lack the receiver manual, drop a note to Box 2956, Wellington and we'll check Mr Brooks pricelist for you.

VOA PROGRAMME SCHEDULES. Limited supply available to DXers in the Auckland province only. (Other area DXers should contact the USIS Office in Wellington or Christchurch) Send a stamped addressed envelope to Schedules, PO Box 12-470, Auckland.

NEW ZEALAND RADIO DX LEAGUE

ADMINISTRATIVE OFFICE.

P.O.Box 1313, Invercargill.

All enquiries re membership, policy matters, stationery requirements, subscriptions & competition awards should be addressed to Invercargill

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ANNUAL SUBSCRIPTION:- NZ\$4.00

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HCJB's current English schedule is:- to South Pacific 0500-0700 on 11915, 0715-0830 on 11915, 0715-1045 on 6130 and 9745kHz. To Europe 0715-1030 on 9760, 6140, 11915. 1730-1800 on 15310 and 17730, 1900-2030 on 15300, 11855. To South America on 15405 at 1230-1500. To North America 0030-0700 on 9560 and 5870(??), 1215-1630 on 11740 & 15115. 1500-1630 on 17880. ASWIC

SWAZI MUSIC RADIO's current schedule is 6155kHz (10kw) 0400-0600 and 1600-1700, on 4980 (100kw) 0400-0600 and 1600-1800, on 6155 (100kw) 0600-1600 and 3223 (100kw) 1800-2200. R.Ginbey.

NEW QSL POLICY FOR RADIO CANADA.

"In 2 or 3 weeks, Radio Canada will be using a new QSL card which will be new in design on both sides. This is due to a change in our QSLing policy. This new card will not have the time, date or frequency of the transmission being verified, marked on it. This does not mean however that you no longer need to include to include this information in your reception report to qualify for this QSL card. Most important of all are the programme details. This change in policy is due to the same thing which is affecting most broadcasting organisations these days - inflation." David Osborne.

LATE FLASH. After VOA closes down on 9650kHz at 0800, Conakry Guinea is in the clear in French, till sign-off at 0830. Nigel Robins.