



NEW ZEALAND DX TIMES

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SPECIAL

Since 25 February, Radio Australia has been conducting test transmissions from Gnangara, near Perth in West Australia. These test broadcasts continue until **March 10th**, that's next Sunday, so be in quick! Reception reports are welcomed and should be addressed to Radio Australia, Box 428G GPO, Melbourne 3001 Australia, with the envelope marked "Test Transmission". The schedule is as follows: 0100-0400 GMT on 17895kHz, 0400-0900 on 21745, 0900-1200 on 15445, 1200-1500 on 9765, 1600-2000 on 9720 and also 0700-1200 on 17885. Prior to 3 March, 17865 was tested 0800-1200 and 1600-2000 on 9605kHz. It is understood that these broadcasts are an attempt to partly fill the gap left by the destruction of the Darwin relay station by Cyclone Tracy.



FROM THE BOX 2956 MAILBAG.

Three publications of interest to the DXer have come to our notice in the past month; first is the 1975 edition of the indispensable World Radio TV Handbook, 440 pages compared with last years 408. Of interest to many will be the quality of the binding, following weaknesses in this area, in recent years.

Certainly our copy seems very much stronger in this respect. NZ Agent for WRTVH is Arthur Cushen at 212 Earn Street, Invercargill. Secondly, for the 'pirate' radio enthusiast or anyone interested in the history of broadcasting in NZ, Hodder & Stoughton have published "The Shoestring Pirates" by Adrian Blackburn, being a very readable study of Radio Hauraki's struggle for success. Only criticism is the price, more than \$5.00 for a paperback, albeit well illustrated. Finally, Jack Searle reports that the latest issue of the "Post Office Guide" is now available at all main post offices. For \$1.00, the DXer gets 418 pages of information regarding mail rates and restrictions to every corner of the world.

CONTENT OF THE "TIMES" This month, under the heading 'Newsgrams', sees our first publication of material supplied by the BEC Monitoring Service. We hope that this news of developments in the broadcasting scene will be of wide interest. All contributions to 'Equipment Review' have now been published, so it is opportune to put this feature into recess for a period and consider what alternative material would appeal to the membership. One member suggests that we are

CONTINUED ON PAGE 9.

CLOSING DATE FOR NEXT ISSUE: WEDNESDAY 2 APRIL. LET'S HEAR DETAILS OF YOUR DX, QSL's, BEST-OF-MONTH ENTRIES, LADDER & COUNTRIES VERIFIED TOTALS, COMMENTS AND SUGGESTIONS TO BOX 2956, WELLINGTON.



**COME ALIVE
NEW ZEALANDERS
TRY DXING.**

FROM THE BRANCHES 2

WAIKATO-BAY OF PLENTY. The first meeting for 1975 was held at Paul Frost's in Tauranga on 7 February. Attending were Bob McGregor, Stan Larking, Charles Douglas, Colin Campbell and newcomer Lyall Mathieson from Paeroa. Charles Douglas (7 Puniu Road, Te Awamutu) was elected secretary, and an interesting discussion followed on synchronised broadcasting. Competitions: SW to Stan Larking and McMurdo Sound 6012; BC to Colin Campbell and CBW Winnipeg.

WELLINGTON. 10 members, including new member Paul Edwards, attended the February meeting at Bruce Williams. With the guest speaker unavoidably detained at the last moment, the meeting concentrated on general discussion of branch activities and a proposed DX convention. Following an informative insight into Australia's new FM station by the host, the meeting concluded with the usual DX chat. Competitions: Senior SW-John Mainland Radio Ethiopia 9610 and Bryan Clark SABC 4835. Junior SW-Jack Farrow BEC Ascension 15260 and Paul Rawdon DW 6075. Broadcast to Bryan Clark with WWOK Florida 1260 and CSB2 1034. Next meeting at John Mainland's, 30 Burrows Avenue, Karori at 2.30pm on Sunday 23 March. Feature will be review of DXcursion Australia.

CANTERBURY. The February meeting was held at Craig Crawford's on the 17th and a special welcome was extended to Mark Nichols, formerly of Taupo. Next meeting will be held at Lance and Gay Johnston's on Monday 10 March. Competitions resulted: ECB Nth Am-KFRC 610 Bruce Officer, Open-KKON 790 Craig Crawford, A/NZ-Radio Rhema 1230 Andrew White, the Johnstons, David Ricquish, Stephen Reed, Craig Crawford (6-way tie). SW Over 9-Peace & Progress 21650 Austin Hadler, Under 9-Norway 6180 also to Austin Hadler.

NORTH OTAGO. The first meeting of the year was held at the Listening Post in late January and congratulations were extended to members who had sat their School Certificate. Branch Competition Winners: CFWB 1490 Peter Grenfell and VOA Liberia 9750 Paul Ormandy. At the Oamaru Festival a display of QSL's, a receiver and pennants etc caused much interest and there are hopes for some new members.

OTAGO. The January meeting was held at 25 Ryehill Street with 7 attending, following the cancellation of the barbeque due to heavy rain. It was agreed that the Branch will endeavour to arrange a DX window display to attract some new members. Competitions: ECB Under 1050-CMW Cuba 590 P.Garden, Over 1050-JOTL 1490 G.Shillito. SW Under 9-Ghana 4915 J.Aitchison, Over 9-RSA 17780 L. Andrewes and P.Garden.

SOUTHLAND. The Branch held it's annual weekend at Riverton Rocks 14-16th of February. 9 attended on the Friday and 7 on the Saturday, and a total of 66 broadcast and 9 shortwave loggings were made, highlights including KICY Nome Alaska 850 and KRZY New Mexico 1450. LATE BRANCH NEWS - SEE PAGE 7


FROM HEADQUARTERS

GOVERNMENT GRANT: The Minister of Sport and Recreation has approved a cash grant to the League. No other details to hand at going to press.

NZRDXL STICKER. This new stationery item is selling like 'hot cakes' (for details see December Times) and a reprint is being considered, with the possibility of another design next time round.

BEST OF MONTH COMPETITIONS. Following comments in the January Times, the BOM rule requiring entries to include the "Month reported in DX Times" has been amended to "Month reported to DX Times". Please amend this point in your copy of "DXing Made Easy", page 30.

WKYC  1100

 WCWC RADIO

 WOKO

BROADCAST DX

3 Editor: BRYAN CLARK

+ Top story this month is the appearance of a second University short term broadcasting licence - from Dunedin for Radio Randy (or Randi, or as authorised, Radio Clean.) he station was scheduled on 1270 with 100 watts from 24 February to 5 March, except Saturday 1 March, with best reception in the 4.p.m. to 10.p.m. transmission period. Address for reports: c/- University of Otago Students' Association, P.O. Box 1436, Dunedin.

+ Help ! The Sydney Community Broadcaster heard by Merv Branks on 570 khz is unknown to the Postman, according to the rubber stamp across his returned report, although Arthur Cushen has heard news reports confirming the existence of the station. Can any of our Aussie members solve this mystery ? Perhaps a little job for the DXCURSION team ?

+ April 1 marks the start of another era in NZ broadcasting - the radio arm of the NZBC becomes Radio New Zealand and escapes from the shadow of television. Extra stations and extended operations are already planned - see details in Pacific Asian Report.

+ Thanks to all for a fine trail this month !

ALAN ROBSON, Christchurch has logged KOMA KLOK 2YM XET 4YQ CFRN Paradise 1265 Tropicana 1XX 1110 KOHO KNEW KGIL KING with QSL's in from KOGO A3Z Rhema 2JJ CFRN and KKON. Alan indicates that 1XX murupara is now synchronised with Whakatane on 1240.

RAY CRAWFORD, Invercargill has 22 reports away to KRZY 1450 USSR 1250 JOGB 870 HLKU KOMO CKNW DWXK DZDL 1424 USSR 1546 Tehran 1326 BBC Cyprus 1322 1YK 2YM 2CN WXLE Quazvin 557 Turkey 926 Baghdad 760 CMJG 1270 DYSR 840 1XX 1110 4YQ 2JJ KTWO KGBS. Veries in from 4YQ 1XX 1110 Rhema KTWO 9WK South Korea 595 Bombay 1040 KBOI and CJVB

BRIAN OLIVER, Eastbourne has reports off to 1ZC ZD ZK 2AY UE VM YZ ZH 3GL ZB 4AK QD ZA ZB Fiji 560. Veries in from 2CH LT UW YA YZ 4XD ZA

MERV BRANKS, Invercargill has verified VL2NI CKNW 1XX 1110 KTWO 3XG Bratislava 1097 and KOMO. Reports out to WBAP AFNT 1550 WVOJ KPOJ KM0 ZNS1 CJVI KSL KXYZ 1YQ 6CA Iran 1326 and XEROK.

ANDREW MITCHELL, Christchurch has logged and verified Rhema.

ARTHUR CUSHEN, has verified 2JJ 3XG 4YQ with a report off to CMJG.

TONY KING, Wellington has logged CMJG LS11 Rhema and Randy.

ARTHUR GEMMELL, Glentunnel advises loggings as 2UE KO 3DB 7LA 4BC 2CH 2SM 3AW 3BA 2NX 2JJ 4QR 2KY 3LK 1XW 1YE 2XW 1ZB 1XX 3XA 2YM 1ZO 1ZK 3YW 1XA 1ZA 1ZU. Welcome Arthur - any QSL's received ?

PAUL ARONSEN, Invercargill has logged KCON KJJJ WHAS KOA WBAP KNBR KUBA KRZY WHO KING KOOL JOUB CJVI KOMO CKNW KABC 2JJ 4QR KHVH. No veries yet.

COLIN CAMPBELL, Rotorua has a report off to Bosom VOA Poro 1140. Veries awaited.

ARTHUR WILLIAMS, Invercargill has logged 1XX 1110 KKIS WLW KJJJ JOUB KOMO 4XU. Veries 3XG 1XX. We're having a portable loop on DXCURSION.

SINCLAIR BENNETT, Christchurch has logged KFRG with QSL's in from 3XG 2JJ and KGIL.

BRYAN CLARK, Wellington has reported 4XU Randy 1270 with QSL's in from WBBM CSB2 1034 with pennant, 3XG 2JJ,

CRAIG CRAWFORD, Christchurch has logged KFRG KTSA KJJJ KILT 610 KTRH KMPC with veries in from KKON KGU KKUA and 3XG.

BOB MUTTON, Te Puke has QSL's in from KOB KFI WLW.

PAUL RAWDON, Lower Hutt has one off to KNEW with rewards from JOUB and Rhema.

ROBIN CHAMBERS, Opunake has them off to Radio Commercial Jakarta 1565 XET KNBR and DW Malta 1570. Veries from 2JJ KOL WWOK KELI 2YM KNBR JOIR. Always good Variety Robin.

DENE LYNNEBERG, Titahi Bay has logged 2CN and Randy. QSL's in from 2JJ 2CN 3XG WWOK Rumania 1052.

logged KRZY HUCA 970 BBC Cyprus 1322 and Tehran 1326 at the Rocks, and from home WSM CMJG and ZNS1 4XU. Veries in from KEWI 3XG and WHAS.

KEITH ROBINSON, Kapuka has reported 2JJ Paradise KRUX 1360 and verified 4YQ WMID 1XX 2JJ and 3XG

DAVID RICQUISH, Christchurch reports some good catches with KILT 610 KOAC 550 KUBA 1600 CKAY WMAQ KTSA with veries from 3XG and 2JJ. Coming to Wellington to get away from 3XA he logged Cuba CMJG 1270 and Buenos Aires 1270 at ye ed's on 23 Feb.

JOHN WATSON, Waipawa has had a fling on MW with reports to 120 XI XW XX 2XW 3ZC. Send National programme reports to the nearest NZBC studio, e.g. Kaikohe and Kaitaia to Whangarei.

LINDSAY ROBINSON, Invercargill has logged Moscow 1250 Cuba 590 KGMB 2ST with QSL's in from Rhema and KVOO.

BEST OF THE MONTH

SENIOR

KEWI Topeka, Kansas
1440 khz lk
Sutton Burtenshaw

JUNIOR

KOGO San Diego, California
600 Khz 5 kw
Alan Robson

DX SPECIALS

Monday 17 March

0600-0830 GMT
WIMS Michigan City, Indiana
1420 khz 5 kw

0600 - GMT
WISN Milwaukee, Wisconsin
1130 khz 5 kw

Monday 24 March

0630- GMT
WOTT Watertown, New York
1410 khz 5/1kw

Organised by Newark News Radio Club - details via NRC.

BROADCAST TRAIL

EVENING

540	Tropicana very strong 0840	DR
	fair 0900	AR
550	KTSA dominant 0740	DR
	KOAC s/off 0730	DR
590	Cuba strong SS//600 0730	DR
610	KILT ID over KFRC 0840	DR
620	ZK2ZN exc with G & W 0715	DR
640	KFI exc talk over 4YW 0735	DR
670	WMAQ VG with G&W 0740	DR
680	KNBR 1150 through 2KP	PA
720	KUAI strong 0715 (RCh) 0730	DR
740	KRMG strong 0720 (DR) 0750	RCh
800	TWR Bonaire good SS 0830	PR
910	KNEW Nx 0802 poor	PR
1034	GSB2 good 0740 7/2	RCh
1040	WHO 1441 fair	PA
1140	VOA Poro Vietnamese 1130 fair	CG
1160	KSL Nitecap Radio Net 1030	MB
1170	KLOK fair 0845 mx KOHO	AR
1200	WOAI 1000 Nx	MB
1265	Paradise on 0858 fair	AR
1270	CMJG Relogio Nacional with Argentinean 0725 23/2	BC AK
1320	WVOJ mixed KUDE 0800	MB
1330	KXYZ 0800 mixed KFAC	MB
1360	KRUX Phoenix wx 0845	KR
1370	KEEN 1000 K-double E-N	MB
1390	KCEY strong 0745	RCh
1430	KELI 0909 good	PA
1450	KRZY nx 0800(RCr MB PA)	
1466	Monte Carlo weak fair 0755 7/2	RCh
1500	CKAY 0800 brief ID	DR
1540	ZNS1 'Music till Dawn' and Radio Bahamas jingles 0820 after KPOL Mondays and before 2JJ	MB SB
1550	KKHI class mx 0725	DR
1560	KPMC pops mxd 2ZH 0720	DR
1590	KLIV pops under 1XI 0700	DR
1600	KUBA 0721 (PA RCr) off 0800	DR

MORNING

557	Quazvin good 1630	RCh	RCr
610	KUAM all night good 1510		RCr
615	Peking exc RR 1700		RCh
620	DWWX good off 1600		RCr
640	KFI fair 1220		PA
650	KORL 1215 good		AK
701	BBC Masirah 1815		RCr
705	Saudi Arabia fair 1815//587		RCr
710	Marseilles in FF under Fiji carrier 1730		RCh
735	Pyongyang exc 1725		RCh
737	Israel good 1725		RCh
740	Japanese good 1720		RCh
760	Baghdad over 1YA 1815		RCr
773	Cairo exc 1740		RCh
777	Zahedan poor 1720		RCh
785	Pyongyang exc 1745 //800		RCh
790	KKON good 1630		RC1

809	Abu Dhabi fair AA 1745	RCh 5
840	DYSR mixed Aussie 1200	RCr
850	KICY 1700 on (MB) 1705	RCh
870	JQGB off 1500 mxd 2GB	RCr
872	Addis Ababa fair good 1645	RCh
881	Turkey fair 1745	RCh
901	Baghdad good 1745	RCh
920	?? Pacific language thru 3YZ 1745 20/2	
926	Turkey fair 1800	RCh
960	KOOL 1300	RCr
970	South Korea good 1245	RCr
980	CKNW sports nx 1455	RCr
1000	KOMO fair 1329 (PA) 1420	RCr
1060	CFCN 1315 good	RCh
1088	Tirana fair 1745	RCh
1090	KING talk show 1450	RCr
1130	CKWX 1315 exc	RCr
1140	KRAK nx 1400	RCr
1160	KSL 1320 HLKU 1330	RCh
1168	Unid Asian good 1745	RCr
1190	KEK fair 1230	RCh
1205	RRI Indonesia weak off 1659	RCh
1232	RMC Cyprus fair 1720 1830	RCr
1259	VOA Rhodes good 1830	RCr
1322	BEC Cyprus EE nx 1800	RCr
1326	Teheran fair 1700	RCh
1394	Austria ? good 1700 5/2	RCh
1424	DZDL fair 1200	RCr
1448	Libya often fair AA 1810	RCh
1457	Rumania exc 1700 5/2	RCh
1475	Sabah now off 1300	RCr
1493	RR good 1705	RCh
1529	Vatican exc 1700	RCh
1540	KISA good 1630	RCr
1546	Russian exc 1700	RCh
1554	Nice strong FF 1700	RCh
1565	Comercial de Jakarta good to s/off 1700 5/2	RCh
1570	DW Malta relay exc most morns. Int Sig and ID EE and GG 1800	RCr
	AFNT good 1800	RCh
	Kremlin Bells 1800	RCh
1575	Sharjah exc AA often 1740	MB
1580	Free Asia 1500	

Contributors: Sutton Burtenshaw, Keith Robinson, Paul Rawdon, Colin Campbell, Robin Chambers, Ray Crawford, David Ricquish, Paul Aronsen, Merv Branks, Alan Robson, Tony King.



DXCURSION SPECIAL

Have a listen to 2AY Albury, 1490 at 10.p.m. Wednesday 12 March for possible DX Calls from the DXCURSION group in Albury that evening!



STATION OF
THE MONTH

First heard by Arthur Cushen late last year, Deutsche Welle's new 600kw relay from the Cyclops peninsular on the island of Malta, on 1570 khz, is now well and widely heard in New Zealand during our early morning hours. The relay station is principally intended for countries surrounding the Mediterranean and the Middle East, but we understand the beam is strongest in the "general direction" of New Zealand. Three 100 metre masts are linked together for the 1570 khz antenna. Incidentally, a 20 kw test transmitter was used by DW at Malta in recent years, and was heard occasionally 'down under'. The current schedule includes:
1400-1750 in German to Near East & Asia.
1800-1850 in Turkish to Southern Europe
1900-2055 in Arabic to Near East/North Africa.

The DW interval signal should be audible during the 1750-1800 period with transmitter ID in English and German at 1800.
(Robin Chambers might also try for Turkish 0445-0520 and Arabic 0521-0550 later in the year).

RUSSIA'S VERIFICATION POLICY.

In reply to a reception report for Yuzhno-Sakhalinsk 973kHz, Robin Chambers received the following reply from Radio Moscow-
"Thank you for writing. We would like to inform you that according to a new rule we are not in a position to confirm reception reports on our Home Service. Nor can we verify reception reports concerning Radio Station Mayak, or any other local stations."
With best wishes.

Yours sincerely,
(O. Sergova, Mrs)

Aust. Section Letters Dpt.

Robin comments- A blow to DXers everywhere I'm sure. He suggests that the League might be able to circumvent a situation like this by setting up a 'confirmation panel' of senior League members who would consider reports of Chinese and Russian unverifiable outlets submitted with tape recording.
What do you think?

NEWSGRAMS

The DX Times now has permission to reproduce news from the authoritative "World Broadcasting Information", published by the BBC Monitoring Service. This information is copyright to the BBC.

According to a DPA report on 11 February, the Director of DEUTSCHE WELLE, Mr Walter Steigner, who recently visited Ethiopia, has decided to recommend to his Board that programmes in Amharic beamed to Ethiopia should be suspended. He told DPA that Deutsche Welle was thus surrendering to blackmail by unknown forces in Ethiopia. He was referring to anonymous letters from Ethiopian sources threatening to assassinate Germans living in Ethiopia should DW refuse to suspend its broadcasts in Amharic. Already the station has ceased to report Ethiopian domestic affairs in its Amharic programmes. 13/2/75

According to recent information, the JORDANIAN RADIO is installing two 1200kw mediumwave transmitters scheduled to begin operations in March 1975. Frequencies are 1495 and 590kHz, beamed to the Near East, although it is hoped they will cover the rest of the Arab World, including the Maghrib. 13/2/75

According to a PANAMA CITY report of 1 February, a new state radio station, 'La Voz del Tuirá', HOA99, operating on 910kHz, had been inaugurated in La Palma. 13/2/75

According to newspaper reports, the POLISH RADIO's second programme will add a new 400kw MW transmitter in the Wroclaw area during 1975. The Telsa Company of Czechoslovakia are also building a 1500kw transmitter for the new MW station near Katowice, which will come into operation early next year. 13/2/75

NICARAGUA clocks were put back one hour on 15 February to GMT - 6, whilst in PORTUGUESE TIMOR from 28 February, local time advances to GMT + 9.

CAN - AM REPORT

North American CCB News via NRC.

- 560 KVOK Kodiak, Alaska authorised.
- 710 KIRO Seattle relays KSL's Nitecap Show.
- 950 KLER Idaho seeks 5kw daytime pwr.
- 1150 KBER Texas seeks call KQIM.
- 1170 KLOK San Jose, Calif. is seeking 50kw night and day.
- 1430 WICB Buffalo, Kentucky is C&W with ident as "W143".
- 1470 KAZM Sedona, Arizona authorised.
- 1500 KROQ Calif has been off since September. They ran out of money.
- 1570 CKTA Taber Alberta is on air and all night relaying CHEC 1090. Most ids are "CHECK Lethbridge"
- 1590 KUUV Washington s/off 0800 ex 24 hour operation.
- 1600 The former CFRS 1570 is now here as CHNR "Haldimand-Norfolk Radio" with sked 6am-1.05am EST.

RADIO DAMASCUS reports the signing of a preliminary contract with a Czech firm for the construction of a 1500kw transmitter to be located in the Dayr Az-Zawr area. 20/2/75

MORE NEWS OF THE BROADCASTING SCENE WORLDWIDE IN FUTURE ISSUES. COPYRIGHT TO BBC.

DX FORECAST

MARCH

- 0620-0715 Portugal/Europeans (From 0700 early March)
- 0700-0745 Cuba, Latin Americans.
- 0700-0820 USA/Mexico.
- 0800-0815 US East Coast.
- 0915-0930 South Americans.
- 1600-1615 Hawaiians.
- 1615 onwards. Europe/Middle East early March. 1815-1845 North Africa/Europe.

APRIL

- 0500-0530 Central & South America
- 0600-0630 South Americans.
- 0605- Portugal.
- 0600-0730 North Americans.
- 1115-1130 South Americans.
- 1330-1600 Asians good.
- 1720-1910 Europe/Middle East/Ath Africa.

Late April- South Americans from 0415 onwards. Robin Chambers.

NEWS FROM THE EUROPEAN BROADCASTING UNION

New Egyptian Stations- Baviti 755kHz 5kw, Luxor 1304 5kw, Sohag 1421 30kw, Minia 1475 10kw, Mersa Alam 1586kHz 20kw.

New Czech Stations- On 1016kHz a network of Nitra 30kw, Rimavska Sobota 30kw, Bratislava 6kw, Hradec Kralove 6kw and Kosice 2kw.

via NRC.

7
PACIFIC ASIAN REPORT

SOUTH KOREA. HLKA Seoul is noted on 715 ex 710, presumably to avoid interference from North Korea. T.Nakanishi JSWC.

INDONESIA. Radio Antar Nusa, Jakarta has been heard in Western Australia on 1285kHz ex 1575 between 1230 and 1630. Radio Cendrawasih is heard on 1525kHz in parallel with 2360 SW. Monalisa Broadcasting Service operates on 1265 at Jakarta and on 1300 from Bandung, both with a power of 250w. Both stations carry some programmes in English, French and Dutch, and are scheduled to sign off at 1730 GMT. Major MW stations are planned by RRI to replace SW outlets as follows - Jakarta 250kw, Ujung Padang, Jogjakarta and Medan 100kw, Palembang 50kw, and Surabaya and Semarang 20kw. DSWCI & ARDXC via WWDXC.

INDIA. New All India Radio outlets - Mysore 1400, Kashmir 1210 (possibly ex 7050), Calcutta 1220, Jammu 1540 (sign-off 1130). AIR Tawang 1530kHz opened on 26/9/74 and is the highest (10,500ft) radio station in India. It has been heard 1100-1545 daily. Adrian Peterson UADX.

ISRAEL 674kHz with 200kw ex 677, noted at 1730 changing from English to French programming. Adrian Peterson.

AUSTRALIA. Country commercial stations are allowed to increase power to 5kw with a directional aerial, from the present 2kw. Applications close on 14 May for 3 new commercial radio licences to be located in Wollongong, the north-western suburban area of Sydney, and the Mornington Peninsula/Frankston area of Melbourne, using 5kw, the same as most existing capital city stations. Applications closed 27 February for 2 low-powered non-profit stations to serve the Campbelltown area west of Sydney, and an undesignated part of Melbourne.

2XL Cooma 920kHz is relaying 2CA Canberra 3pm-1230am Monday to Thursday, 3pm-1am Friday, 2pm to 1am Saturday and 2pm to 1230am Sundays. B&T via A.Cushen.

Australia's first 24-hour pure rock radio station 2JJ, also known as Double Jay and Radio Acne, hit the air in Sydney with a shriek on January 19, and has since been playing havoc with the long accepted dominance of Australian radio by commercial networks. 2JJ, free of advertisements and featuring super-cool 'on-air personalities' has in less than a month carved out more than 20 per cent of the under-25 audience much to the chagrin of its commercial rivals. An ABC survey has shown that 44% of under-25's prefer the newcomer to their favourite commercial station. Here in NZ reception is solid from mid-evening on 1540kHz, right through the night. NZPA-Reuter.

NEW ZEALAND. When the new radio corporation Radio New Zealand comes into being on 1 April, the present NZBC commercial network will become Network One, the national programme will become Network Two and the YC stations Network 3. Network Two will have a greater emphasis on news and information, and Network Three will be the "good music" programme. Beginning 1 April, stations 1YC 880, 2YC 660, 3YC 960 and 4YC 900 will have morning transmissions (1800-2230 GMT), providing an alternative music service. A Polynesian radio station within the structure of RNZ seems to be imminent for Auckland, and there is heartening talk of FM and stereophonic broadcasting. BC

Radio Rhema, the station of the Gospel Radio Fellowship see's every likelihood of further broadcasts of a one-day type, and improving chances for a permanent licence. All QSLs for the 23 November broadcast were dispatched mid-March. DR

SOUTHLAND BRANCH NOTES. The February meeting was held at Lindsay Robinson's with 14 present. President MacAskill heard reports on recent activities at the Riverton DX Party and at the Branch Listening Post at Tiwai. Arrangements were made for a window display to promote the Branch's "Come Alive - Start DXing" campaign, whilst members Lindsay Robinson, Neville Henry, Steven Greenyer and Arthur Williams were extended best wishes for their Australian visit. The League Administration Committee has requested an additional member from the Branch. After a general DX chat, competitions resulted as follows: Broadcast to Sutton Burtenshaw with KEWI Kansas 1440 and JOVR 1400. SW Over 9 to Eric McIntosh FEBA 11855; Under 9 to Ray Crawford with St Denis, Reunion 2446kHz.

Merv Branks recently received his 2000th verification on the medium-wave band, being the fourth New Zealander to pass this milestone. But he is the only one to include any major world records in his tally. His verified log of 296 Australian National and Commercial stations far exceeds any other DXer. Add to this 120 VK 'hams' verified when these stations 'entertained' on the 200 metre band in the early 1930's, another record number, and the Australian total is 496. Merv's New Zealand QSL's amount to 152 and include many of the old-time non-commercial private stations of which 4XD is the only one to survive today. When his NZ total reached 100 in July 1966, it was hailed in the New Zealand DX Times by the heading "A Century of New Zealanders - A Radio Record", and the editor commented "...a position that we do not expect will be ever reached again...". Since then the League's verification policy has been amended to include a change of frequency as constituting a new station for verification purposes. This provision enabled Merv to augment his Australasian log considerably. To the above totals add Hawaii 43, Fiji 17, other Pacific Islands 36 and you have a grand total of 664, at a conservative estimate a lead of 200 over any other DXer for Oceania. Then, Merv's Asian score of 471 is the largest known for that continent and includes big lists from the Philippines.

Merv recalls "My introduction to wireless was in 1921 when morse was transmitted from one end of the science lab at the Southland Boy's High School and picked up through phones at the other end of the room. I must confess that the clackety-clack of the key could be heard much easier without the phones on than the weak signal that came through them! But my first recollection of overseas reception was around 1925 when, with my father, I visited the manager of a local lime works. The company was mining a hill of limestone and a long single wire stretched from the top of the hill to the manager's hut at the bottom, where there was a weird object consisting of wires and batteries. The station I remember hearing that night was 5 Don N (5DN) in Adelaide. It was not the only one audible but it was the furthest away, so has remained in my memory."

First verification came from 4YA Dunedin on 7 January 1928 although the first report had gone to Z2AQ Taihape in November 1927. Sifting through his log books Merv has picked out the following stations as typical of what was to be heard -

New Zealand: 2ZH Napier 7 watts on 1260, 2ZP Wairoa 5 watts on 812, 2ZI Hastings 5 watts on 1330, 2ZE Eketahuna 5w on 1210, 4ZR Balclutha 6w on 1340, 4ZF Dunedin 7w on 1080, their most distant daylight DX, 2ZB Napier 7w on 1260, 1ZS Auckland 5w on 1420.

Australia: 2XL Broken Hill and 2XL Cooma, 3YB 25w mobile in 2 buses and later in a railway carriage, 2KO Newcastle 22w on 1415kHz, Amateur stations in the broadcast band including VK3LN Ascot Vale, Lindisfarne 6 watts on 1400, VK7CS 10w on 1230, VK5IV Berri 3 watts on 1250, VK4JN Mitchelton 6w on 1300 and VK4AJ Tempe 4w on 1380.

Asia: JOAK was the first Japanese log, being 10kw on 770kHz when heard in December 1930. In 1933 when the second network started, JOAK No.2 was logged on 590. JODK Seoul, Chosen (Japanese territory in those days) was verified in 1934. In the days of foreign concessions in Shanghai, a commonly heard station was XMHD Shanghai Christian Broadcasting Association 1kw on 600kHz. Others included XHHH The Great Chinese Dispensary Ltd with 100w on 1040 and XHHG on 1020 with 100w also. 4PM Port Moresby 100w on 1360. VUM Madras with 250w; unfortunately lower powered Armed Forces stations in India didn't reply! Jerusalem, Palestine 20kw on 620kHz in 1937. From the Dutch East Indies, verifications came from four 25 watt stations, one of 100w and 1 of 150w. VOV was the station of "His Exalted Highness, the Nizam of Hyderabad".

QSL's from the American Colony of the Philippine Islands included KZRM, KZRF, KZEG, KZRC and KZIB.

Pacific logs are highlighted by the many Armed Forces stations of the 30's and 40's. WVTW Peleliu, Palau 250w on 1510 and 9AD Morotai Island, Merv having the only known verifications of these stations. Lowest powered was WVUT Fiji, with 50w on 660. Far East Network stations at Otsu 100w on 1540 and at Oita 100w on 1570. VK4KR Willis Islet 1185kHz 10w. THOSE WERE THE DAYS!



EQUIPMENT REVIEW

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To conclude this series, MURRAY ROBSON of Christchurch DX's with an Eddystone 940 13 valve communications receiver, a National 12 transistor, 3 band portable radio, a BC221 frequency meter and a National RQ224 cassette recorder. Antennae are based on a 40ft mast, with a 40 metre longwire and 50 metre V-beam coming down to a 25ft high mast.

DES DAVEY, Te Kuiti uses an 1½ year old Trio 9R59DSM and a brand-new Dutch assembled Philips 11 transistor portable covering LW, SW, MW, FM. Aerials in use are a 260ft longwire to NE, 100ft NW, a 100ft inverted L beamed to the Pacific, and lastly, a 15ft whip. A National cassette recorder completes the lineup. (Des, your earlier contribution appeared in the July 1974 Times.)

Another equipment update comes from ARTHUR WILLIAMS, who recently transferred from Timaru to Invercargill. Pride of place goes to a Hammarlund HQ180a and National HRO 9 tube receiver circa 1940. Also in use are a 1954 Atwater Kent 206 6-valve set, a National Panasonic 10 transistor, an Audio Processing Unit (from a 'Practical Wireless' design) and a 'Robins' loop booster. Antennae consist of a 90 metre longwire North-South and a 75cm box loop for ECB.

ALAN ROBSON, Christchurch is another Trio 9R-59 user, with support from a naval edition of the BC221 frequency meter and a National 12 transistor portable. Antennas are a 250ft long wire supported by masts of 20, 30 and 40 feet, and a 40 inch Masson ECB loop with booster.

OUR THANKS TO THE 76 MEMBERS WHO HAVE FEATURED IN THIS SECTION SINCE IT WAS INTRODUCED IN THE SEPTEMBER 1973 TIMES. WE HOPE TO REINTRODUCE THIS TYPE OF SECTION AT SOME FUTURE DATE.



CONTENT OF THE "TIMES" (continued from Page 1)

neglecting the lot of the SWL, with too much prominence to chasing new countries. He would like to see space devoted to news of the international radio stations - their new programmes, new QSL cards, new announcers, new competitions and the like. We try to publish anything that members contribute - so if you agree with this suggestion, we would like to hear from you.

DAYLIGHT SAVING is over, and we seek your comments on it's effect on DXing. Craig Crawford found it very useful, in that there was less need to rush the evening meal or turn off the TV news, in that the MW North Americans were being heard an hour later. Anne Woods found the extra daylight tiring, to the extent that DX actually suffered. Colin Campbell comments on the difficulties in getting the children off to school, but seems to have benefited with some evening reception of Africans! How about you?

AUSTRALIAN POSTAL RATES to NZ are now: Airmail letters 15 cents for first 50 grams, Airmail postcards 11 cents, Printed Papers Airmail 24 cents per 50g. Surface letters, lettercards and postcards 11 cents up to 20g, 20 cents for 21 to 50 grams. Surface printed papers up to 50 grams 11 cents. Phew!

DXCURSION AUSTRALIA DEPARTS

Members will receive this issue of the Times on the eve of departure of our first ever DX escapade overseas, with groups departing simultaneously from Christchurch, Wellington and Auckland. Led by Tony King, the group comprises Bob & Dorothy Mutton, Te Puke, Doris and Philip Pitcaithly, Auckland, Jack Searle, Haumoana, Bill Rosoman, Tokomaru Bay, Dene Lynneberg, Tahiti Bay, Arthur Kindell, Levin, John Mainland, Wellington, Brian Withers, Christchurch, Lindsay Robinson, Invercargill, Neville Henry, Invercargill, Steven Greenyer, Invercargill, Ross Renton, Balclutha, Arthur Williams, Invercargill. Highlights of the trip DX wise will be a visit to the FM station 2MBS in Sydney; a tour and function with 2AY/200 in Albury; a visit to the Radio Australia transmitters at Shepparton; and tour of the Radio Australia studios in Melbourne. The tour concludes on the 16th with a barbecue to which Radio Australia personalities have been invited.

Shortwave Mailbag 10

with JOHN MAINLAND

Several listeners report a quick reply from Spanish Sahara, in the form of a book -let in Spanish about the country, verification card, and schedule. On the other hand Ray Crawford reports a slow reply from Reunion of 19 months for a report on their 2 Mhz channel.

ANDREW MITCHELL, Christchurch has QSL's back from Vatican 9615 and Brasil -ia 11780, P & P 11845 and UN 5955.

PAUL FROST, Tauranga has 10 out none back.

CHARLES DOUGLAS, Te Awamutu has 5 out.

JACK FARROW, Lower Hutt has them back from DW 7235 RCI 9455 Japan 11815 17725 RA 15140 Nederland 15220 BBC 15260 Pakistan 17830

ARTHUR CUSHEN, Invercargill has verified Sahara 11805 RBI 11790 Hanoi 12025 Springbok 11935 KGEI 5980.

RAY CRAWFORD, Invercargill has QSL's in from RA Shepp 17850 17860 Lyn 17700 RCI 9755 UN 11760 Japan 15430 Portugal 11840 DW Werch 7275 Malta 6065 Clarin 4850 plus pennant Ujung Padang 2490, Peking 4130 Spain 11755 Budapest 15220 VOA 15345 11830 6045 BBC 15390 KGEI 9615 JO22 Japan 5990 Ujung Pandang 4719 GKZN 6160 NHK Hiroshima 3607 Reunion 2446.

JOHN WATSON, Waipawa has a good line up from Liberty 7155 BBC Tebrau 9725 Warsaw 7270 Ned Hil 11825 RNZ 17770 Tokyo 11725 15195 RA Shepp 21455 11930 15499 RCI Malta 7290 Daventry 6130 Sackville 5925 Daventry 5995 Moscow 4 freqs Moscow/Kenga 11835 RA Lyn 6005 Teheran 15084 France 5960 RAI 7275 HCJB four frqs Ned Bon 17810 EIRT 7215 Kenga is near the town of Novosibirsk in the central part of the Soviet Union.

JOHN MAINLAND, Wellington has veries in from RBI 15320 Ethiopia 9610 Azad Kash-mir 3380 DW-K 7225 NHK 15410 Sahara 11805 Israel 11642 12045 17691 WINB 17775 Paris 6175 RAI 21690 Prague 7245 15415

BRUCE CAVANAGH, Invercargill has QSL's in from Cuba 15230 DW Rwanda 17780 Iran 9022 with pennant RSA 15155 BBC Ascension 15260 EIRT 7215 Kuwait 9715. 17 reports out.

MIKE SMITH, Matamata has QSL's in from AFRTS 15430 Saudi Arabia 11855 Canada 9755 Prague 11855. Saudi is an interesting one Mike.

LINDSAY ROBINSON, Invercargill has 8 out and QSL's back from Bayerischer RF 6085 Riyadh 9605 CBC 9755 CBC Malta 6100 Spanish Sahara 11805 Sarawak 5005.

MURRAY ROBSON, Christchurch has them back from BBC Atlantic 15260 BBC 9825 Austria 21675 RCI 11990 9755 Basque Underground 12080 RN Lopik 15110 Mad 21480 AFRTS Beth 9755 9700 Togo 5047 Bucharest 17840 Turkish Met 6900 Solos 5015 Nigeria 7275. Some nice ones there Murray!

CECIL SYMMES, Wellington Has a goodly list back from Peking 15060 Tokyo 15195 DW Jul 21560 VOA Phil 15345 Prague 11855 Ned 15110 RCI 11865 France 21580 TWR Mona 7105. Thanks Cecil, your Bandwatch list most comprehensive.

PAUL RAWDON, Lower Hutt has four out with veries back from FEBC 11890 SBC 6045 RM 5920 17770 IBA 12025 9815 DW Julich 6075 RN Brazilia 11780 RCI Malta 9690 HCJB 9745 11745.

HARRY WEATHERLEY, Melbourne has QSL's back from Comercial de Angola 4795 Springbok radio 4810 Swazi Music 4980 Prague 6055 Nigeria 7275 Canada 7285 HCJB 9560 11835 11915.

BRYAN CLARK, Wellington has QSL's in from RN Talata 11955 9630 DW Koln 3970 RN Bon 21635 RCI 9755 Mauritania 4845 Spanish Sahara 11805 DW Kigali 7275 SIBS 5015. Five out.

DES DAVEY, Te Kuiti has them out to NHK four freqs Kuwait 9715 15415 Tahiti 15170 GBC 9625 Sri Lanka 9720. Verie RN 11730.

PAUL EDWARDS, has QSL's in from Moscow 5960 7380 9780 Riyadh 17815 RNZ 15110 Rned 15110 15320 NHK 17880 15195 Prague 11855 21700 RA Shepp 9745 KGEI 5980 Copenhagen 15165 Havana 11930 RSA 15220.

DENE LYNNEBERG, Titahi Bay has QSL's from RN Lopik 15110 Brasilia 11780 NZBC 6020 Turkish Met 6900 Kota Kinabalu 15275 Rabaul 5985 Garoua 5010.

ARTHUR GEMMELL, Glentunnel has QSL's from DZH7 Tahiti 15170 11825 Kuwait 9715 15340 Lisbon 11930 NZBC 11790

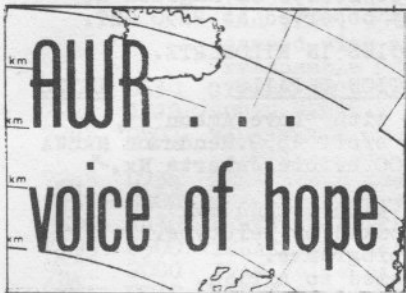
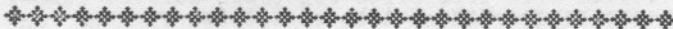
BEST OF THE MONTH

OVER 9 MHZ

Radio Sahara, 11805 KHz 10kw
Arthur Cushen

UNDER 9 MHZ

Reunion 2446 KHz 4 kw
Ray Crawford



STATION OF THE MONTH

Adventist World Radio began daily shortwave broadcasts via Radio Trans Europe at Sines Portugal to Europe on 1 October 1974. Tape recorded programmes are sent to the broadcast office in Lisbon from the 'Voice of Hope' production centres located in various countries of Europe and America. From Lisbon the broadcasts are sent to a relay station at Sesimbra and then by VHF signal to the Sines

transmitter about 85 km to the south. Later this year AWR plans to use the Deutsche Welle facilities on Malta. During the Adventist World Conference in Vienna, Austria in mid July 1975, broadcasts over AWR will be verified by special QSL card. The present schedule in English is from 0830-0900 GMT and again from 0930-1000 GMT. Early in April this will be changed to include English from 0900-1000. The address is: Voice of Hope, P.O. Box 5409, Paris 9, France.

BBC ATLANTIC RELAY - ASCENSION ISLAND.

Before Ascension became operative, the BBC had a West African Relay Station at Monrovia, Liberia. It was run by the ELBC with 10kw on 9555kHz from early 1965 to the spring of 1968, at which time the Ascension station had been operating for 2 years. Incidentally, ELBC was then jointly owned by the Liberian Government and Overseas Rediffusion Ltd of London.

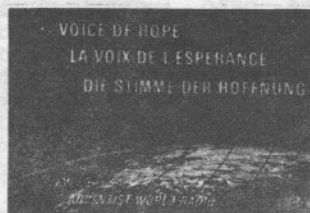
During 1963 the American company Continental Electronics, hopeful of an order, set up a demonstration 10kw medium wave transmitter on 1205kHz, relaying the BBC. These transmissions were heard by DXers in Northern Europe. The antenna was a 200ft mast radiator. However tests concluded on 18 December 1963, when the BBC announced a £20 million order for transmitters from the Marconi Company. Building of the Atlantic Relay Station started in 1964 at English Bay, in one of the island's 40 volcanic craters (extinct we hope!). The first SW transmitter was installed mid-1965 but the L-shaped transmitter hall was not completed until the summer of 1966. Transmissions began on 3 July 1966 from the first of 4 250kw transmitters.

According to the March 1975 "London Calling", BBC Ascension carries the World Service and other English programming on the following frequencies:

6005kHz	0400-0730	11750kHz	1745-2115
	1800-2245	15105kHz	1645-1815
7105kHz	0600-0630	15260kHz	2000-0330
9580kHz	2115-0700	15400kHz	0600-1745
9600kHz	0600-0630	17840kHz	1430-1615
	0700-0915		

Best reception in NZ has usually been on 15260kHz, with transmitter location identification just prior to the World Service News at 2000.

Our thanks to Finlands DX Club for the above information.



BBC broadcasts in 40 languages

SHORTWAVE BANDWATCH

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Highlights this month include: the first receptions of Radio Clarin, Santiago, Dominican Republic on their 25 metre band outlet; Radio Sahara at El Aaiun is noted on another new channel, and according to the BBC's Monitoring Service, requires reception reports so as to ascertain frequency range; Mike Smith and Wellington members note continued reception of Paraguay in the 49 metre band; broadcasts from Lisbon, Portugal to Europe in English at 2030 are heard on 9740kHz. This service was formerly observed at 2230 GMT.

ALL TIMES GMT (Add 12 hrs for NZT). FREQUENCIES IN KILOHERTZ.

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME & RECEPTION DETAILS</u>	<u>INITIALS</u>
3385+	1500	INDONESIA	RRI-Kupang	with Nx,s/off 1520 with "Love Ambon".	
3459+	1523	INDONESIA	RPDK Bima	with light mx.Id at s/off 1559.Henderson	NASWA
3905+	1430	INDONESIA	RRI-Palangkaraya	C&W mx,Id 1500 before Jakarta Nx.	
3918	0954	SOUTH KOREA	KBS	fair signals.	MS
3925+	0900	PAPUA-NEW GUINEA	VLK3	Port Marseby good with island mx.	AW
3975	1900	GREAT BRITAIN	BBC	Hungarian Service, blocked by teletype.	PR
3985	1900	SWITZERLAND	SBC	Berne poor with German programme.	PR
3995	1900	WEST GERMANY	DW	Cologne with GG news beamed to Africa.	AC
4750+	1320	AFGHANISTAN	Kabul	good in vernaculars with folk songs.Peterson/	
4755	-	ECUADOR	Radio Centinela del Sur	has recently moved here ex 5020kHz according to a letter from the station.	NASWA CD
4850	0900	DOMINICAN REP.	Radio Clarin	with fair signals.	RC
4900+	1745	BURUNDI	Radio Cordac	in vernaculars.FF 1830,Id 1900.Goonetilleke/	UADX
4902	1645	SRI LANKA	Colombo	with music recital till s/off 1718. DL	UADX
4920	0830	AUSTRALIA	VLM4	Brisbane sports.CS.0900 ABC 3rd Network Nx.	CC
4945	0630	COLOMBIA	Radio Colosal	good in SS. PE. Mx & station Ids,poor. CS	CS
5005	1045	SARAWAK	Kuching	fair strength with mx and talk prgm.	LR
5015	0900	SOLOMON ISLANDS	SIBS Honiara	with nx,messages & idents, fair. CS Good with requests 0944.LR. 1000 Nx,exc.RC. 1100 local news but mixed with USSR. AC QSL received in 2 weeks for 1 CRC.	CS BC
5030	0930	VENEZUELA	Radio Continente	station ids & mx in SS, fair.	CS
5055	0630	ALBANIA	Tirana	home service in Albanian.Band mx,prgm anncts.	JM
5076	0700	ANGOLA	CR6RV	with full ident in PP 'Acqui Estado Portugues de Angola de Luso transmite O Radio Clube do Mexico' after gong. PP mx & many anncts,ident repeated 0730, faded out 0745. Clear signals, no interference, not hrd since!	CC
5338+	0600	SAO TOMÉ E PRINCIPE	Sao Tomé	PP S/on.Presume ex 4807,10kw. UADX.	UADX
5905	0730	CANADA	RCI Sackville	in FF. EE 0740.Ex 5925 in //9445.Off 0800.JM	JM
5980	0713	UNITED STATES	KGEI	vg with Nx,many ids.MS.0800 gospel prgms.	RC
5995	1830	GREAT BRITAIN	CBC	via Daventry relaying Czech programme.	AC
6000	0415	HUNGARY	Radio Budapest	good in EE // 9833 also good.	PE
6000	0830	BRAZIL	Radio Inconfidencia	good with mx and many idents in PP.LR	LR
6010	1840	FRANCE	Radio France International	Mx & talks in FF, good.	CS
6015	0834	PARAGUAY	Emisoras Paraguay	poor with frequent ids in SS.Blocked by carrier 0905.BC. 0930 Radio Paraguay poor signals due QRM from 6010.	MS
6025	0915	PARAGUAY	Radio Nacional de Paraguay	with frequent ids in SS. Poor but improving.	BC DL
6025	1805	PORTUGAL	Radio Portugal	Lisbón nx & travel hints in EE.	CS
6030	0900	JAPAN	NHK Tokyo	in Korean good but mxd AFRTS.	CC
6075	0330	WEST GERMANY	Deutsche Welle	,Cologne good in EE.	PE
6090	2221	AUSTRALIA	VLI6	Sydney fair with musical prgm.	JF
6095	0730	UNITED STATES	AFRTS	good in EE, but splash from ABC Sydney.	RC
6095	1815	SPANISH SAHARA	El Aaiun AA	talk & music under VOA Russian pgm. Fair signal by 1900.Followed to tune-out 1920. JM Per sked recd with QSL, shortwave sked is 11805kHz 0800-1800, 6095kHz 1800-2200 and 4627kHz SSB 0800-1900.	CD

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME & RECEPTION DETAILS</u>	<u>INTS</u>
6115	1830	PAKISTAN	Radio Pakistan	AA Service s/on, fair. New freq ex 9690. In //7290.	JM
6145	0611	NIGERIA	NBC Calabar	with mx prgm. Breaks in transmission.	LR
6185	0637	LIBYA	Tripoli	good with AA music & talk prgm.	LR
6900	0800	IRAQ	Baghdad	fair with music & talks in Persian.	LR
6900	0530	TURKEY	Turkish State Met Radio	fair with music.	LR
7130	2055	WEST GERMANY	DW Cologne	good in EE to E.Asia & Austlasia.	CS
7155	1920	SPAIN	Radio Liberty	via Playa de Pals fair in RR. Other frequencies in // at 1800 were 7295, 9520 and 9680 from Spain and 7220, 9555 from Lampertheim, West Germany. All channels jammed with code "US" in CW, but Playa de Pals frequencies reasonable copy. (Locations confirmed by Liberty's sked, Ed)	JW
7200	0630	CYPRUS	BBC	"Nx of the African World", then music requests.	BFW
7245	1218	SOUTH VIETNAM	VRVN Saigon	good in VV but mxd bad het. Mx pgm.	BC
7245	0801	MAURITANIA	Nouakchott	in AA with Koran chants, clear of Algiers. Ham QRM, poor. This Sundays only. Logged 23/2.	JM
7245	0734	USSR	Radio Moscow	fair in FF. 7260 has RR from 0915, good.	BCa
7251+	0800	GUINEA	Conakry	FF anncts, drum mx. New ex 7125.	Padula ADXN
7300+	1430	YEMEN ARAB REPUBLIC	Sanaa	new freq in AA //5804.	UADY
7395	0500	ISRAEL	IBA Jerusalem	excellent in EE. FF at 0515.	RC
9022	2000	IRAN	Voice of Iran, Teheran	in EE. Fair level with Nx.	CC
9475	0230	EGYPT	Radio Cairo	vg in EE to North America.	FE
9505	1900	MOROCCO	VOA Tangiers	new freq for Serbo-Croatian prgm.	AC
9505	0730	CZECHOSLOVAKIA	Prague	good with talks in FF.	CS
9525+	0230	PAPUA-NEW GUINEA	Port Moresby	ex: with news and talk.	AW
9525	0230	LEBANON	Beirut	in EE to Nth Am. Fair. RC. 0250 fair thru noise.	CC
9570	0000	MALAYSIA	BBC Tebrau Relay	fair in English.	BCa
9570	0328	ROUMANIA	Bucharest	fair with station ident & cmtry.	CS
9570	0515	POLAND	Warsaw HS	in Polish to s/off 0630. Nx 0600. Unlisted.	JM
9575	0401	YEMEN ARAB REP.	Sanaa	ident in AA, poor. CS. 0500 good mx, talks.	LR
9580+	1700	ZAMBIA	Lusaka External Service	in EE to Sth Africa. Nakanishi JSWC	JSWC
9590	0903	SWITZERLAND	Berne	fair in EE with 'Sunday Supplement'.	CS
9605	0918	CANADA	Radio Canada International	good in EE.	CS
9605	1240	SWEDEN	Radio Sweden	in EE. Swedish at 1300.	BCa
9630	0800	PORTUGAL	Lisbon	with relay of Home Service.	AC
9640	0400	ROUMANIA	Bucharest	fair with talk on "New Zealand Day".	PR
9640	0920	SOUTH KOREA	Seoul with Sunday Magazine,	fair in EE.	CS
9650	0515	UNITED STATES	VOA Greenville	good with news and commentary.	JF
9650	0935	WEST GERMANY	DW Cologne	in EE with news and talks, good.	CS
9670	1545	PORTUGAL	Radio Messias,	a new prgm via RTE Sines in SS. RR at 1600, GG at 1615. Very good.	Cosier ADXN
9720	0505	FRANCE	RFI Paris	in FF to Africa. New freq fair //9585.	JM
9740	0530	LIBERIA	VOA Monrovia	with Breakfast Show in EE, good.	CS
9745	0350	MALTA	Deutsche Welle	relay signs off. 9735 // at this time.	RC
9760	0730	ECUADOR	HCJB EE Gospel prgm	to Europe, mxd RA Shepparton. Both	CC
9815	0506	ISRAEL	Jerusalem	good with news in English.	JF
9912	2023	INDIA	All India Radio	with EE commentary, fair.	JF
10040	1300	NORTH VIETNAM	Hanoi	fair in English to 1330.	BCa
11700	1951	DOMINICAN REPUBLIC	Radio Clarin	SS mx, talk, anncts with co-channel QRM at 2000 from Vatican. Better signals 2145. Nx at 2200, 21/2. JM. 2147 in clear after Vatican off. Popular mx prgm in SS, poor. BC. 0230 EE announcement.	AC
11705	1730	FRANCE	Radio France International	"Paris Calling Africa" EE. AC	AC
11740+	2200	INDIA	AIR General Service.	Fair to Good reception.	AW
11760	0011	PHILIPPINES	VOA Poro/Tinang	good in EE.	BCa
11775	2115	UNITED STATES	WINB orchestral prgm,	good. RC. 2200 s/off in EE. CC	CC
11780	2028	BRAZIL	Radio Nacional de Brasilia	in GG to 2100, then EE id with frequency & address, excellent. MS. 2100 good in EE.	CC
11785	0215	NETHERLAND ANTILLES	TWR Bonaire	good closing in SS.	CC
11800	1900	SRI LANKA	SLBC Colombo	in EE to Europe, still requesting reports to Box 1510, Colombo. CC. Good in EE at 1900.	FE

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITIALS
11800	0550	ETHIOPIA	ETLF Addis Ababa	to West Africa till 0609. Fair with splash from AFRTS 11805.	CC
11805	0758	SPANISH SAHARA	El Aaiun	harp int sig, SS then AA.PE.0800 s/on really strong in SS. AA from 0807. 0902 SS ident then more AA.CC 0803 opened with EE pops & SS anncts.MR.0810 regular exc.	MS
11810	0830	ITALY	RAI Rome	station ident & interval signal, poor.	CS
11815	0900	WEST GERMANY	Radio Free Europe	s/on in Bulgarian, fair.	BCa
11825	0930	HOLLAND	Radio Nederland	fair in EE, first noted 24/2.	CC
11825	0020	TAHITI	Papeete	fair in FF, quite noisy. BCa.0440 fair with Mx. 0400 fair with island music.	CS AW+
11835	1000	USSR	Radio Moscow	fair in EE.CS. Very good in EE, via Kenga?	JW
11840	0300	PORTUGAL	Lisbon	with good signals in EE.	RC
11850	0400	UNIDENTIFIED	continuous popular instrumental	mx till off 0455.	JM
11850	0510	BELGIUM	RTB Brussels	in Dutch till s/off 0615. 11790 noted in FF 0520 till s/off 0615. Both new frequencies.	JM
11855	1945	SAUDI ARABIA	Riyadh	fair with news and weather.	PR
11865	2213	MALTA	Deutsche Welle	with fair to good signals.	MS
11890	0300	LIBERIA	VOA Monrovia	good in SS.	RC
11905	0350	ITALY	RAI Rome	good in EE.	PE
11915	0715	ECUADOR	HCJB Voice of the Andes	vg in EE. Also on 11935. 11895 in EE at 0435 fair. 11835 at 0325, 11815 0415 to Europe.CS	BCa
11930	0427	CUBA	Radio Havana	fair in EE.PE. 0400 Badly jammed//11910 gd.	AW+
11945	1800	MOROCCO	UN Radio via Tangier	Friday in FF,SS,PP,Greek,EE.Good.	JW
15150	0200	CHILE	La Voz de Chile	with good signals.	RC
15155	1756	SOUTH AFRICA	Radio RSA	fair at s/on in FF. Fade out 1835.	PR
15175	0800	NORWAY	Oslo	good in EE on Sundays.	PE
15195	2306	JAPAN	Radio Japan	EE nx poor.CS. 15230 good in EE 0935.CS.At 0820 on 15445 in EE.CS. 15430 good in EE to UK at 0820.RC. 15195 VV at 1130,15470 at 0430.	BCa
15220	0608	SOUTH AFRICA	Radio RSA	poor with int sig, then EE. Fadeout 0616. 0630 fair with news and music.	PE AW+
15230	0830	ITALY	RAI Rome	fair in Italian //21690 also fair.	PE
15255	2000	EAST GERMANY	RBI Berlin	in EE to Africa.CS 2010 Nx excellent. 2017 commentary in EE, fair.	PR JF
15260	0700	JAPAN	Far East Network,	Tokyo with news. Fair to good.	RC
15260	2000	ASCENSION ISLAND	BBC Atlantic Relay	opens with BBC Nx, good.	CC
15270	1100	SWEDEN	Stockholm	testing to Aust/NZ in EE & Swedish under Peking	
15295+	1530	SABAH	Radio Malaysia,	Kota Kinabalu AA ex 15275. Cosier ADXN.	/AC
15320	2258	NETHERLANDS	ANTILLES RN	Bonaire relay good in SS.	PE
15330	0300	UNITED STATES	AFRTS	via Delano with ABC News.	BrW
15370	0300	TAIWAN	Voice of Free China,	fair in English.	RC
15440+	0200	PHILIPPINES	FEBC Manila	s/on with nx & gospel prgms. (Frequency is sometimes measured as 15445. Ed)	AW
17725	0217	JAPAN	NHK Tokyo	fair with EE nx.JF. 0530 good in Vietnamese to close 0600.CC. 0431 Vietnamese, good. BCa. 17825 has GG 0700. BCa 17855 has news in EE at 0400.	BCa BrW
17730	1042	USSR	Radio Station Peace & Progress	good in EE. Also 17815.	BCa
17740	0300	AUSTRALIA	Radio Australia,	Shepparton new freq to Asia in EE.	CC
17810	1945	NETH.	ANTILLES RN	Bonaire vg in FF. Concludes 1950. 17830 logged in FF to s/off 2120. Plenty of idents.	JW CS
17880	1130	EAST GERMANY	Radio Berlin International	s/on in Hindi, good.	BCa
17895	2213	UNITED STATES	VOA Dixon	good with news.	JF
21610	2245	UNITED STATES	VOA	very good with talk about diabetes in EE. 2200 VOA Dixon with Nx in Special EE. 2215 Breakfast Show.	CS CC
21685	0512	BANGLADESH	Dacca	poor to signoff in EE. Broadcasts 0445-0515.	PE

THANKS TO THIS MONTH'S CONTRIBUTORS:

RC Ray Crawford	LR Lindsay Robinson	CS Cecil Symmes	NASWA=Nth American SW
AC Arthur Cushen	CC Colin Campbell	PR Paul Rawdon	Association.
MR Murray Robson	JM John Mainland	BC Bryan Clark	UADX=Union of Asian
JF Jack Farrow	BCa Bruce Cavanagh	CD Chris Davis	DXers, Sri Lanka.
JW John Watson	DL Dene Lyneberg	AW Alex Wellner-	ADXN=Australian DX

ARTHUR CUSHEN'S SHORTWAVE REVIEW 15

On March 2 many shortwave stations make frequency changes, and some of the more interesting are listed below. Radio Sweden is testing to New Zealand and Australia, but the time and frequency are not suitable.

All times are GMT -add 12 hours for NZT

Frequencies Khz.

Albania: Tirana has English to Australia and New Zealand from 0700-0730 on 9500 and 11985.

Austria: Vienna will, on March 2, add the following new frequencies; 0400-0600 7195, 0600-0900 11835; 1700-1900 9690; 1900-2100 11855; 1900-2200 9605; 2100-0000 11930.

Dominican Republic: Radio Clarin 11700 has been heard with an English announcement at 0230.

Ecuador: HCJB made several frequency changes on March 2. Frequencies heard during the afternoon are - 6140 from 0600-0830; 6165 from 0400-0600; 9625 from 0230-0530 11830 from 0230-0500; 11970 from 0000-0230.

France: Radio France has been heard with its new English programme Paris Calling Africa from 1700-1800 with good reception on 11705. Other frequencies are 5955 9740 11845 11920 11940.

Germany: Deutsche Welle has been heard with a programme beamed to Africa on the new frequency of 3995 with news in German at 1900. Full schedule is 1800-2150. The programme is also carried on 7275 9640 9735 11765 11785 11965.

Great Britain: The BBC World Service has dropped 15260 to the Pacific from Ascension and replaced it with 15070 from 2000-2145.

Holland: 15105 replaces 15110 for the transmission 0930-1050 in English. The additional frequency for this transmission is 5995.

Norway: Oslo is using two new frequencies which came into effect on 2 March. They are 11870 and 11895 The transmission to the Pacific from 0700-0830 is on 11895 15175 21655; 1100-1230 15175, 21730 21655. From 0300-0430 and 0500-0630 11870 is used.

Portugal: The Lisbon Home Service is heard around 0800 on 9630. The full schedule on this frequency is 0515-0930.

Sahara: Verification of this station has come to hand in the form of a book, card and schedule which notes transmission from 0755-0000 on 11805 and 7230.

Solomons: SIBS is now using 5015 in place of 3995 and is heard at 1100 with local news, but is mixed with Moscow at this time. Also noted at 2000 with a relay of the BBC news and local news.

Sweden: Tests to Australia and New Zealand are being carried out on 15270 from 1000-1030 in Swedish, and 1100-1130 in English. This channel is however blocked by Peking.

Vatican: The new frequency of 11700 has been heard closing in French at 1730.



Oy YLEISRADIO Ab ENGLISH SERVICES.

Radio Finland's schedule for the period 2 March-4 May is 1400-1430 on 9550 & 11755kHz to Europe, 15185 to North America and 21605 to South America. 1600-1630 on 9550, 11755 & 15185kHz to Europe and 21605 to South America. 1800-1830 same frequencies & target areas. 2030-2100 on 9550 & 11755 to Europe, 15185 & 21605 to South America. 0300-0330 on 9720 or 9550 to North America. (15185 is 100kw as is 0300 frq.)

..sign off..

MALAGASY REPUBLIC. Radio Nederland's relay station at Talata is sked as follows during the period 2 March to 4 May 1975:-

0800-0920 on 17780, daily in Dutch.
0800-0920 on 21480, Indonesian daily.
0930-1050 on 21480 & 17810 daily in Indonesian to S.E.Asia.
1100-1220 on 15320 daily in Dutch.
1100-1220 on 21480 Indonesian daily.
1230-1350 on 17780, daily in Dutch.
1230-1350 on 21480 Indonesian, daily.
1400-1520 on 11740 in English to S.E and South Asia, daily.

1400-1520 on 17780, daily in Dutch.
1530-1650 on 11730 daily in Arabic.
1700-1820 on 15185 & 6020 in Dutch.
1830-1950 on 6020 in English-Africa.
1830-1950 on 15250 daily in Arabic.
2000-2120 on 11730 in French, daily.
2000-2120 on 15120, English to Europe.
2130-2250 on 7285, Indonesian daily.
2300-0020 on 7285, daily Indonesian.
If you haven't verified Malagasy as a country, why not try now! Reports go to Box 222, Hilversum, Holland.

RAE BUENOS AIRES's shortwave transmitters are officially 100kw, but due to age only have an output of 50 kw. Arabic broadcasts are planned.

WWDXC

ISRAELI CUTBACK. The January schedule from IBA Jerusalem states "The 1130-1200 GMT broadcast in English has been temporarily suspended. We hope to resume this service in the near future." Frequencies for 0500-0515 are now listed as 12025, 9815, 9009, 7395 and 5900. Paul Rawdon.

VENEZUELAN PRESIDENTIAL DECREE No 370 effective 15/11/74 ordered broadcasters in that country to provide an equal amount of air-time for Venezuelan music and for music brought in from other countries. The decree is an attempt by the government to provide an outlet for local composers & musicians, and to limit the overwhelming wave of music on local radio that comes from overseas, especially the USA. Angel Garcia, NRC.

SIERRA LEONE. SLEC's new 250kw transmitter appears to have been leased to Deutsche Welle, with tests on 5980 at 0600, and 9630 at 0810 noted. Reports requested with usual Cologne address being given. SCDXers.

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.

EDITORIAL OFFICE.

P.O.Box 2956, Wellington.

Only queries relating to content and distribution of the Times should be addressed to Wellington.

Closing date for contributions:

First Wednesday in the month.

Advertising:- 50 cents up to 30 words. Other rates on request.

ANNUAL SUBSCRIPTION:- NZ\$4.00

Joining fee surcharge for new members:- NZ\$1.00. Overseas rates supplied on request to Invercargill.

DENMARK. After 25 year's service, the antennas and masts of Radio Denmark at Herstedvester are badly worn out, and since 15 February only 2 remain in service, those beamed to Africa & Greenland/North America and backwards to the Middle East. Presently only 15165kHz is in use, and under these circumstances reception reports are highly appreciated by Radio Denmark, Shortwave Dept, Broadcasting House, DK-1999, Copenhagen 5.

SCDXers 18/2/75

RADIO SPECTRUM COURSE. Its not too late to enrol in the above, compiled by Jim Vastenhoude of Radio Nederland. Text and diagrams to supplement the broadcast talks in "DX Jukebox" are sent free of charge, on application to Radio Nederland, Box 222, Hilversum, Holland. Topics include the intricacies & peculiarities of the spectrum, types of radio emission, modulation, band allocation, shortwave and tropical bands, use of satellites, radio zones and seasons, etc. Broadcasts of the course begin in March.

RADIO SWEDEN CHANGES. Since the start of February, another transmitter has been added at Hörby to improve reception of English broadcasts to Asia. Frequency of 11735kHz is used at 1600-1700 and 1830-1930 with the second 30 minutes being in Swedish. The East Asia English Service at 1230 will be on 15105 from 2 March.