



NEW ZEALAND DX TIMES

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CONVENTION '78

The 1978 Convention of the NZRDXL will be held over Easter weekend at the Tiwai listening location of the Southland Branch. The reputation of the location is well known. For those considering attending the Convention, here is a brief description of the site and convention facilities:

16 miles south of Invercargill lies the Tiwai peninsula, and 6 miles down the peninsula is the Farmhouse and associated buildings to be used as the site of Convention 78. Because of limited facilities at the house, additional accommodation will be provided in caravans. Members using the caravans will do their own cooking, with each caravan as a separate unit, leaving the house facilities for those staying there. As the nearest 230 volt power supply is several miles away, members intending to bring their own equipment will need to ensure that it is battery powered.

Planning for the Convention is well advanced and while the facilities are limited, the DX is good. As there is a limit to the number who can attend, early registration is essential. Write now for a registration form to:

Convention 78, P.O. Box 1326, Invercargill.

Steven Greenyer

TIMES CHANGES

As intimated last month, it has been decided to 'decentralise' some of the editorial responsibilities for the DX Times, to transfer some of the burden from Wellington Branch members. Effective with this issue, the Broadcast Mailbag & Trail sections are being prepared by Southland Branch members, and the various MW news sections will follow next month. Our congratulations to Sutton Burtenshaw and Ray Crawford on their first effort. Also from this month, the SW Bandwatch is being prepared by Auckland members Barry Williams, John Allchin and Mark Nicholls. Paul Edwards is interim editor for SW Mailbag, and Arthur Cushens SW Review is now being final-typed in Invercargill. Good luck to all new editors - members, please give them your support!

Thanks go to out-going MW Editor Bryan Clark and also to John Mainland for his assistance with SW Bandwatch and providing BBC Monitoring Service info in recent years. Further changes in Times responsibilities will be considered in due course but meantime Wellington Branch will continue publication/distribution and Bryan Clark as Chief Editor. Contributors please note - all contributions are still addressed to Wellington for sorting/onforwarding.

SHORTWAVE SHOCKWAVES Big shock in recent weeks was Radio Australia's cancelling of the highly popular and long running "DXers Calling" programme. It was probably the first SW news programme for DXers, having begun in 1946, 6 months before "Sweden Calling DXers". According to ASWLC, reasons for the scrapping... turn to P7.

CLOSING DATE FOR OUR CHRISTMAS ISSUE; 5pm ON MONDAY 5 DECEMBER. LET'S HEAR OF YOUR DXING, QSL'S, BEST-OF-THE-MONTH ENTRIES, AND LADDER TOTALS. OUR ADDRESS FOR ALL CONTRIBUTIONS REMAINS AS P.O. BOX 2956, WELLINGTON, NEW ZEALAND.

TIMES CIRCULATION NOW IN EXCESS OF 450 COPIES!

FROM THE BRANCHES

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SOUTHLAND The October meeting at Eric McIntosh's saw 8 present and several apologies. Main business covered the display in the City Library 21 November to 2 December; an approach from Civil Defence for news on disasters in the Pacific area; a long letter from German member Gunter Jacob about the visit of branch members Neville Henry and Arthur Williams; a full report on the AGM at Oamaru; and the future of the administration committee following the resignation of Ray Crawford. Charlie Chester was appointed interim National Secretary following planned reorganisation of the Committee. Competition Results: Arthur Cushen BOM Broadcast with AIR Indore B 1590 1kw and Merv Branks KTNQ 1020. SW to Arthur Cushen KTWR Guam 11780 and Steven Greenyer Camerouns 4925.

NORTH OTAGO The October meeting was held at the Listening Post on the 27th. Main topic of discussion was the League AGM. The Branch Auction was quite successful and it was agreed that some of the proceeds should be used to buy stationery for the Junior group. DXing has been good at the Listening Post, with the Americans especially coming in well, including WAKR Akron Ohio 1590 heard by Paul. Next meeting on 24 November - Juniors at 6.30pm, Seniors 7.30.

WELLINGTON 9 members attended the 28 October meeting at Cecil Symmes. The main event was a very interesting talk by Cecil on his recent trip to the USA. An extensive report on the League AGM was tabled by Bryan and discussion about the magazine took place. The branch's success in competitions was the highlight of the evening with the Hope McGregor SW Trophy and aggregate Columbus Trophy coming the branch's way. Also Paul Edwards was made Junior DXer of the Year and took the SW Best of the Year Cup with Austrian Army 6221. The criteria for judging of the Best of the Year award was generally considered to be suspect. Several amendments to the League Countries List were pointed out. Competition Results: SW Paul Edwards Radiofonicas Populares 3985 1kw, John Wysocki Japan 15420. ECB Nth Am: Paul Edwards & John Wysocki CKLM Quebec 1570 50kw, Open to Bryan Clark HCUM2 Radio Universal 1270 10kw, A/NZ 2LT 1380 Paul Edwards. Next meeting will be held at John Mainland's, 30 Burrow's Avenue, Karori at 8pm on Friday 25 November.

AUCKLAND 12 members were present at the October meeting held on Sunday 30th at the Western Suburbs Branch of the NZART in New Lynn, with 4 apologies being accepted. 2 new members Winston Lashley and Stephen Lillis were welcome newcomers to the branch meetings. After a business report, discussion centred the programme at future meetings. Barry Williams filled members in on the plan to decentralise the DX Times, and the prospects of the Auckland Branch being responsible for the shortwave sections. Bryan Marsh then gave an interesting and informative review of a new receiver on the market, the Sanyo RP-8880, which was on loan from Miles & Carlaw. The next meeting is set down for 2pm on 27 November, once again at the NZART Clubrooms.

CANTERBURY 6 members were present at Bob Boundy's on 30 October with special welcome extended to visitors Brent Dore and Athol Bayne. It was reported that DX conditions at the Spencerville bach were improving, especially ECB North Americans. Beverage antennas to the NE and ENE have been erected and are leaving a loop antenna far behind on performance. More are proposed for the future. Any members with access to antenna wire for the beverages??? - we would like to hear from you!! The bach is due for a 'spruce up', with exterior painting in mind. We would also like to hear from anyone with ideas to improve the bach and surroundings. The meeting concluded with tapes of ECB DX from Spencerville. The next meeting is at the bach, 773 Lower Styx Road, on Sunday 27 November, with DX during the late afternoon & early evening. The bach will be open from 3pm onwards for the workers. That's all of you! How to get there: turn right at bridge on Marshlands Road into Lower Styx Road. Follow river round and pass the turn off to Spencer Beach (there is a phone box at the corner). Turn right at the goat eating the grass about 1/2 mile up the road and you should be looking at the bach.

CONVENTION 78 AT TIWAI, SOUTHLAND - DX EVENT OF THE YEAR!

BROADCAST DX

por los personal necesario

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With this issue the Southland Branch commences responsibility for the Broadcast section, hence the non-de-plume, 'por los personal necesario'. This of course means that not always will the same personnel be involved in typing the pages. Over the past five years the pages have been more than adequately managed by Bryan Clark. His untiring efforts and attention to thoroughness will be difficult for us to initially follow. With experience and the forbearance of members, we hope in time to realise the same high standard. We wish to express our gratitude to Bryan for the work he has done with these pages and hope that with the extra time he may now have available, DXing and his family will share a greater part of his home life.

On the New Zealand scene broadcasting has hit the headlines in North Otago, with a report that Radio New Zealand hopes to set up a station at the venue of the Asian and Pacific Scout Jamboree in Oamaru which starts on January 3rd, 1978. Both Radio Otago and Radio Avon applauded the community service attitude and said they would not be contesting the application for a temporary warrant. It is understood that Radio New Zealand will establish a mobile unit with a studio at the Jamboree and broadcast to the camp and Oamaru. In the meantime Radio Avon expects to have its application for the North Otago region filed about now. A hearing is in progress in Auckland for a warrant for Radio Manukau, and in the very near future an application is expected to be filed for Radio Rhema.

Radio Avon tests a new frequency. Bryan Clark and Keith Robinson both report hearing Radio Avon testing in Oamaru on 1360 kHz at 10.50am NZT on October 16th, with the latter receiving the following letter from Television and Radio Services, Christchurch.

" Your letter of October 16th to Radio Avon has been referred to our company for acknowledgement. This company holds the maintenance service agreement for Radio Avon in matters of a technical nature and we have been carrying out site testing recently in Ashburton, at Timaru and the Oamaru areas. We thank you for report which is of interest and we would like to advise you that the transmitter used for this test which originated on this occasion from Oamaru, was a completely solid state TRS MF100 transmitter which was feeding approximately 80 watts into a vertical antenna approximately 70 feet high, so you will appreciate that the test signal would be very considerably down in strength from the proposed 180 foot tower and 1 kilowatt transmitter. It is intended to make application to the Broadcasting Tribunal for a warrant sometime in November and we trust that a hearing may occur in February 1978. If the outcome of the hearing is successful we estimate that the station will be fully operational by November 1978." Signed by Mr. R. Urlwin, Contracts Manager.

The heterodyne heard by members on 1260 kHz during the past few weeks is caused by a new station in Noumea, New Caledonia. This has been observed in parallel with the 670 outlet.

BROADCAST MAILBAG

BRYAN CLARK Wellington reports a lone QSL from R. Universal 1270. Reports are out to Avon test 1360, KWSL 1470, WAKR 1590, New Caledonia 1260. Gracias.

DAVID RIQUISH Christchurch has thrown away his long wire and taken to the loop. Reported are 2ZK, 3YR, 2LT 1380, KHVH 990 KCEY, KUHL, KLIV, WAKR, CKFH, XEAI, Samoa 1050, CKLM 1570. Nice one. Veries in from 1XI, 2ZK, 2LT, 3YR.

JOHN CAMPBELL NSW reports QSL's from CKDA, KFAC, KNEW, Tanzania 656, Ribatejo 1322 after 4½ years. Worth waiting for, hi!

SUTTON BURTENSHAW Invercargill has log of 1ZN/ZK 1010 and veries in from 1YE 970, 1YK/YX 830, 1ZN/YK 1010, KTNQ, 7SH 1570, 7FG 1160.

LATE LOCAL NEWS: Radio NZ will oppose Radio Avon's Oamaru/Ashburton network application and apply for

these centres. AK Hearings for Gordon Dryden's Radio Manukau licence are adjourned till mid-December. BC

KEITH ROBINSON Kapuka has reported 2LT, 1ZN, 1YE, Avon test 1360, Veries in from the above as well as TWR 1232.

PAUL EDWARDS Wellington has QSL's in from 2NX, WL, LT, 7HT, KGER, CKLM 1570, KGIL, Sabah 665, RRI Surabaya 585, RRI Banjarmasin 1134. Reports are out to CFGO 1440, KLEI, KICY, KHVH 990, KPOI 1040, KDAY, Sabah 665, 3UL, 3CV, 2PK, Germany 1586, Sudan 1295.

PAUL RAWDON Wellington has a verie in from KFAC and reports out to Korea 655, 800, 850. We all hope the Yanks are good in the summer.

HARRY WEATHERLEY Melbourne has reports out to Israel 737, 1XI 1330 and veries to hand from KGA, KFAC, RRI Surabaya 585, Reunion 665, Kenya 611, Abu Dhabi 728, Andorra 818, TWR 1232. The trip to Cape Jervis seems fruitful at this stage. Andorra gives 51 countries, great.

PAUL ORMANDY Oamaru logs of 1XI, 2BS, 2LT, ST, ZB, 5MV, MG, 6WA, 3CV, 7EX, 4SB, SO, DXLL, XEVOZ, WAKR, KDAY, KLIV, KSL, CKLA, XEG, KPAY, DZRH, JOIR, KPOI 1040, KHVH 990, KJNP 1170. QSL's in from KFAC, KGNC, OAX4A 854. A late log in Noumea 1260.

ARTHUR CUSHEN Invercargill has reported 3CR 840 and CKFH 1430. Veries in from 2GN, 7FG, JOAR 1050, JOTB 1590, Indore B 1590. Tnx.

HANK WILKINSON California has reported HLKH 880, 2BY 660, 2NU 650, 4QS 750, JOXR, Spassk-Dalnii 782, JOXX, 4VRMN 895, Kharbarovsk 575, Iman 647, since the Northern DX season began on 1st September. Veries to come.

DUNCAN WATSON Edgcumbe has logs of 2KY, GB, NA, NC and 3CV. QSL's are in from 4AY, KEX, WWL. Good luck with exams.

IAN CATTERMOLE Blenheim has veries in from 1XI, 1YE, JOQL, WXLG and reports out to 1YE, 2LM, 4YC, 2LM, 4YC, 4YA, 4WK, 4AK, 5CL, JOLF and KIOE.

ROBIN CHAMBERS Opunake has reported KUHL and KBBQ with a verie in from Israel 1286. Look forward to the article on the 2 wire beverage.

JOHN WYSOCKI Lower Hutt has a lone report out in WALG 1590 and veries in from 1XI, 1XA, CKLM 1570.

4 STUART FORSYTH Auckland has veries back from 2GZ, 3UL, 4AY.

PHILIP BROOKS Wanganui has reported WAKR, KGA, CKHF from home and from the Hawkes Bay DXpedition KORL, KIOE, WVUV, KHVH 990. Veries are in from KKON 790, WLAC, WOAI and KLIV with a personal letter from a major stockholder in the station. Great.

CHRIS MARTIN Sydney has reported KPOI on 1040 and KHVH on 1040. Veries in from Muscat 1240, Kenya 953, Andorra 818, Djibouti 1538, RRI Palembang 1287, 6WA, 4JK, 4QL, 2VL, 2GL, 6DB, Bukavu 800 for country 143. Qsld trip sounds exciting.

LEIGH MORRIS Palmerston North has reported KIOE at home and from Clifton KMPS, KFAX, KLIV, KBBQ, KMVI, KIRO, KCBS, CFUN, KPCC and KHVH 990. Veries to hand from KFAC, KEX, RRI Medan 855.

RAY CRAWFORD Invercargill has reported 7SH 1570, Turkey 629, XEAI, Syria 746, Constelacion 1346, Musical 1280. Veries in from 2GN, 6GE, 5AU, 4CD, 7SH, Galeon 1450, Neumunster 1268, RRI Padang 1485, Sabah 576, Mauritius 683, Reunion 602, 665, Mayotte 1457, Djibouti 1538, Comoros 1088, Kenya 611 and 746, Iran 720, Andorra 818 and Sudan 764, 1295 making 143 countries.

JOHN ALLCHIN Auckland has no logs this time but the postie has dropped off 3UL KHVH 1040, Tahiti 740, CFCN, KOB, WIBW, KFRC and 1YK solo on 830.

VERIE SIGNERS per NRC

570	KLAC	G.H. Covington.	CE.
610	KILT	Dan Woodard,	CE.
	KFRC	R. Kanner.	CE.
670	WMAQ	W. Newbrough.	Sup Tef Ops.
1030	KTWO	Steve Brosnell.	CE.
1440	KDNT	Hal Whatley.	CE.
1510	KGA	Jim Stargel.	CE.
1530	WCKY	Adrian Lentz.	CE.
1540	KPOL	F.F. Cherny.	CE.
1600	KATZ	C.B. King.	CE.
	KLAK	J. Chadwell.	TD.

BEST OF THE MONTH

SENIOR: A tie between Bryan Clark with HCUM2 R. Universal, Ecuador, 1270kHz with 10kW and Ray Crawford with HJPM R. Galeon, Colombia on 1450kHz with 5kW. Both 141 points.

JUNIOR: Paul Edwards, CKLM Quebec, 1570kHz, 50kW. 135 points.

As they say on 610, " KILT...Come to Invercargill, Longwires at Tiwai " Easter 78.

BROADCAST TRAIL

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MORNING

650 DZRH 1633 disco mx P.O.
 665 Sabah 1256-1330 Malay P.E.
 850 KICY 1602 CBS wx poor 8/10 P.E.
 980 KPWB 1424 mx d CKNW P.O.
 990 KHVH 1400 and 1600 good P.O.
 1000 KOMO 1220 wx P.O.
 1016 DXED 1310 poor P.O.
 1040 KPOI 1343 "K-Poi 100", wx P.E.
 1050 XEG 1300 Radio Melodia P.O.
 1060 KPAY 1246 Religious P.O.
 1080 KIOE 1559 Ident good sig CDX
 1130 KLEI 1602 P.E.
 1160 KSL 1230 Nx fair P.O.
 1170 KJNP 1600 Local nx/wx,rlg P.O.
 1220 CKDA 1346 good sig P.O.
 1260 JOIR 1448 good P.O.
 1295 Sudan 1739 EE ident P.O.
 1304 Poland 1755-1830 fair B.C.
 1400 Thailand 1729 fair CDX
 1466 Monte Carlo 1728 poor B.C.
 1493 USSR 1727 good B.C.
 1550 APNT Taiwan 1704 ABC nx P.E.
 1554 Nice 1725 fair B.C.
 1580 KDAY 1220 past 1400 good P.O.
 1586 Langenburg 1749 wx 1800 Many

EVENING

590 KGMB 0700 Coconut Wireless
 610 KFRC 0720 R.Ch/CDX
 640 KFI 0805 mx d Fiji CDX
 650 KORL 0807 good CDX
 670 Noumea 0831 regular CDX
 700 WLW 0712 Trucking ads BC /CDX
 720 KUAI 0747 fair CDX
 740 KTRH 0800 phone show P.E.
 760 KGU 0747 u/Nzer CDX
 820 WBAP 0708 good, no 4ZA B.C.
 844 Gilbert Is. 1000 s/off CDX
 850 KOA 0750 strong talk show CDX
 854 OAX4A 0736 good P.O.
 910 KNEW 0753 id as K-New CDX
 950 XEGM 0735 good P.O.
 990 KHVH 0724 onwards Many
 1005 "Colossal" 0625 good P.O.
 1020 A3Z 0726 fair to good CDX
 1040 WHO 0626 mx d 4ZB CDX
 Unident latin 0703 B.C.
 1050 Samoa 0845 "Report from
 New Zealand" clear D.R.
 1055 "Centro" 0638 good P.O.
 1070 KNX 0636 & 1038 FE/CDX
 1080 KRLD 0721 good B.C.
 1120 WVUV 0628 mx d KFAB CDX

1170 KOHO 0740 good in JJ D.R.
 1180 WHAM 0715 orch/jazz good D.R.
 1190 "Cordillera" 0700 KEX later P.O.
 1210 Fiji 0759 dominant CDX
 1220 CKDA 0720 pops o/1ZE D.R.
 XEB 0636 "Radio Cuatro" P.O.
 1260.2 Noumea 1st hrd 22/10 B.C.
 1320 "La Cronica" 0630/KXYZ P.O.
 1330 KFAC 0656 u/LXI CDX
 1370 "Relog" 0630 P.O.
 KEEN 0720 pops u/2ZP D.R.
 1380 XECO 0628 "Radio Eco" P.O.
 1385 WXLE 0700 Many
 1390 KCEY 0730 C&W good D.R.
 1410 CFUN 1048 u/2YM CDX
 1420 KCCN 0730 mx good D.R.
 2AP 0815 Samoan fair to gd D.R.
 1430 CKPH 0710 C&W good Many
 1440 CFGO 0700 wx, pops PE/B.C.
 KUHL 0705 pops good D.R.
 XEAI 0720 "Ah-eee canal
 Tropical.....musica" PO/D.R.
 1450 "Galeon" 0705 Many
 1470 KWSL 0655-0720 12/10 B.C.
 1490 "Punto Cinco" 0610 good Many
 1510 KGA 0644 good sig CDX
 1530 KGBT 0631 "R. Panamericana" P.O.
 XEUR 0555 R. Onda D.R.
 WCKY 0720 Beautiful Mx D.R.
 1570 VL2NI/ CHUB/XERF 0743 loop PE/PO
 CKLM 0655 FF pops & Ident D.R.
 CHUB 0735 wx & pops D.R.
 1580 XEDM 0550 Gospel o/KDAY D.R.
 1590 KBBQ/KLIV/WAKR 0700 on Many
 XEVOZ "Radio Voz, su voz
 familiar" P.O.
 1600 KASH 0615 fair R.Ch
 KLAQ/KCRG 0740 Many

CREDITS: Paul Edwards, Paul Ormondy, Bryan Clark, David Ricquish, Robin Chambers, CDX - Philip Brooks and Leigh Morris DX-pedition at Clifton near Haumoana in the Hawkes Bay.

NEW STATIONS

India; has new stations at Jagdalpur on 750 and Rewa on 820. Sunspot

Two more at Jalgaon on 960 and at Ratnagiri on 1140 both with 20Kw.DXD.

St Vincent; has a new station on 1535 as well as the present 705. As

yet not heard in the Carribean. MWN.

Call Change; KUUU 1590 has been granted KZOK and is already using the call.

NRC.

LATE ITEM: Cuban powerhouse CMW 590 was off air for at least 2 weeks to 12 October, and may still be out of action. Whaley NRC 31/10. In late Aug, a fault at FEN Okinawa's TV station resulted in 650kHz being used for the TV audio, and radio moved to stereo outlet. Still on 7/9. Hardester IRCA

BROADCAST NEWS FROM EUROPE & AFRICA

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WEST GERMANY Radio Bremen, formerly on 1358 and 1079 has now moved to 935. BBC
PORTUGAL Radio Renasença operates 0600-0100 on 1286 (1kw), 1169 (10kw) and
6755kHz SW (0.6kw). BDXC via SRK

TUNISIA The new station at Monastir has been testing on 1586 at 0800-1030 and
1530-1630 GMT. BBC MS(c)

MAYOTTE FR3 on this former part of the Comores operates with 4kw on 1457 in FF
and Mahoraise. Time zone is GMT +3 and address B.P.3 Dzaoudzi, Mayotte, via
Reunion. Schedule includes 1530-1800 Mon-Sat and 1600-1800 Sun. Chris Martin

SOUTH AFRICA Radio 5 of the SABC remains on MW with 2kw or 5kw from Grahams-
town 701, Maraisburg 719, Capetown 728, Bloemfontain 782, Durban 800, Pieters-
burg 1115, Welgedacht 1286 and Port Elizabeth 1313. Hours are 0300-2200. These
are the only medium wave stations left on air in South Africa, all other net-
works now completely transferred to FM and SW. Colin Miller JSWC

PACIFIC ASIAN REPORT

SRI LANKA The joint TWR/SLBC 400kw tx
being constructed in the northwest of
the country will carry TWR broadcasts
in local languages to India, and SLBC
relays of Sinhala channel 1 to cover
Sri Lanka. Tests were planned for Nov-
ember and regular programmes in
December on 890/870kHz. A Sri Lankan
contributor to SCDX 1/11 & Victor
Goonetilleke of Union of Asian DXers

AUSTRALIA 4AY 940kHz is located at
90°30.5' S, 147°15.25' E. Hours of tx
are 0500-2400 local time Monday to Sat-
urday, 1600-2400 on Sunday. S.Forsyth
2ST, 2BS and 2MG are 24 hours. 2BE ex-
pects to commission a 500w repeater on
750kHz in December. Also a frequency
change and power increase to 5kw are
planned, but not expected till 11/78.

Chris Martin SDC
2MW 970 and 4GG 1200 have increased
power to 5kw. 3CS 1130 is expected to
go to 5kw in December. 3CR 840 runs
continuously from 2000 Friday to 1400
Sunday. Ian Stanley Tune In

LMK in their verification repeated the
plea for DXers to provide data on local
firms, advertisements or station promo-
tions as proof of reception as they do
not keep a continuous music log. The
Australian Government has approved an
independent special broadcasting serv-
ice to operate 2EA Sydney and 3EA in
Melbourne. The government ministers of
Immigration/Ethnic Affairs and Posts/
Telecommunications said the new body
would produce special prgms which were
not appropriate for the ABC or other
established broadcasters. David Ricquish

ASIATIC USSR A number of high powered
LW and MW tx have been erected close to
the Chinese border. At Iman, north of
Vladivostok, a 1000kw tx operates on
647, Kyzyl 1079 is 500kw, and Ulan-Ude
has 250kw on an unknown freq. SCDX/IRCA

DX SPECIALS

MONDAY 28 NOVEMBER
KLUC Las Vegas 1140 using 10kw ND.
0800-1400 GMT. Reports to Dave An-
thony, Prgm Director, KLUC, Box
14805, Las Vegas, Nevada 89114. NRC

MONDAY 5 DECEMBER
KLUC 1140 test repeated. See above
WMTR Morristown NJ 1250kHz 5kw
0500-0800 GMT, possibly later. NRC

MONDAY 12 DECEMBER
WMTR alternate test date. See above

MONDAY 19 DECEMBER
KVNU Logan Utah 610 5kw ND.
0800-0900 GMT. Reports to Bill
Traue, Director of Engineering,
KVNU Radio, P.O.Box 267, Logan,
Utah 84321. NRC

LATIN AMERICAN DX NEWS

Cleaning up the news on hand in Wgtn:
COLOMBIA: Radio Super HJCJ 1040 address is Calle 39A # 18-12, Apartado Aereo
23316 Bogota. Vernon NRC Cali stations Radio Uno 660 and Radio El Sol 980 are
now RCN stations, following a change in ownership. Both were formerly in the
Todelar network. PlayDX via Aconcagua DX Club HJTM Radio Sonar 1260 ex 1100.
HJLM 1310 is now 10kw. HJBV Radio Canoa 1520 ex 1540. Arctic Radio Club/NRC
PANAMA La Voz del Baru 1025 is now 3kw. Arctic via NRC
PARAGUAY ZP25 Radio Nanawa, Luque now on 1080 ex 1400, s/on at 0815 rather
than listed 0900. Aconcagua DX Club Radio Paraguay 1305 is 25kw. Radio Pres-
idente Stroessner 885 ex 900. Distan e/ARC via NRC. Primero de Marzo 780 is 24
hrs and plans 100kw soon. SCDX GUATEMALA Radio Nacional 640 now 100kw. BBCMS

CAN-AM REPORT

7 SHORTWAVE SHOCKWAVES continued from P1.

KFAX 1100 is now 50kw U4. Silent period is Tuesdays 1am-5am local time.

Pete Taylor NRC

The FCC is now requiring radio broadcasters to make their programme logs or log data available for public inspection. via Bruce Portzer IRCA

CJVB 1470 Vancouver has applied for 50kw DA-2, with null to the south-east. TD

600 WMBR 5/5kw granted WSNY call.

940 KHOS 1/0.25 Tuscon requests new call KMGX.

1220 KKR Pomona Calif was due to move to 1510 with 10kw by 1/11.

1230 KGFJ 1/0.25kw Los Angeles seeks new call KKTt.

1260 WWYN Erie Pa 5/5kw granted WLKK.

1440 KPRO has switched networks to CBS. Meehan NRC

1450 KAWT Douglas AZ seeks KDAP call. WNPS New Orleans seeks WWIW.

KGMY Missoula MT granted KGRZ.

1490 WSSB Durham NC granted WDUR.

1580 CBJ Chicoutimi PQ to 50kw. IRCA

CUBA Changes from Arctic Radio Club.

580 CMKF Rebelde 5kw ex 1kw.

610 CMWH Rebelde 1kw ex 0.25kw.

620 CMKI Radio Rebelde Moa 1kw ex Victoria de las Tunas.

640 CMKU Liberacion, Las Mercedes 5kw

740 CMAQ Liberacion Pinar del Rio 30kw

770 CMKO Las Mercedes now 5kw ex 1kw.

780 CMJN Rebelde Camaguey 30 ex 60kw.

850 CMDC Revolucion Holguin 5 ex 1kw.

870 CMDN Rebelde Guantanamo 5kw.

880 CMAF Progreso, Pinar del Rio 30kw.

1230 CMGC Radio Vienteseis with 3kw at Central Australia(!) ex Jaguey Grande.

1260 CMHE Cadena Provincial 1kw.

1270 CMGH R.Veinteseis Torriente 1kw.

CMJG Radio Reloj Camaguey power increased from 1kw to 10kw.

1420 CMDX R.Baracoa now 1kw ex 0.25kw.

CMKZ R.Palma Soriano 1kw ex 1430.

1450 CMJO Radio Maboas 1kw is new.

1470 CMGE Cardenas 1kw ex 0.25kw.

1490 CMHT Sancti Spiritus 1kw ex 0.25.

CMBW Radio Camoa ex 1320. NRC

KTWO 1030, at 4200 East 2nd Street, Casper, Wyoming has received reception reports from 47 countries and all 50 US states since it went to 50kw in 1976. All reports are QSL'd but there is sometimes a delay of 90 days or so, due to work commitments. Return postage is not required. via R.Lindblade NRC

of "DXers Calling" were given as financial constraints imposed on Radio Australia generally, and a desire by Radio Australia not to have a programme for a specialised audience! Once again the lot of the DXer has been hit and SWIs around the world have been expressing their views on the matter to the Assistant Director - English Service Radio Australia, Box 428G, GPO Melbourne 3001. If you enjoyed "DXers Calling" we suggest you do the same. At the Wellington Branch's October meeting, 10 signatures were collected for a petition prepared by Bryan Clark, urging RA to reconsider the decision. Meanwhile, DX news from Radio Australia may warrant a few minutes in Keith Glover's "Club Forum" programme. Let's hope the powers-that-be don't decide that this popular feature is also 'for a specialised audience!' Info via Douglas Doull, Arthur Cushen, ASWIC and SODXers.

Shockwaves continue from Radio Nederland too. Further to last months news, the new 50 minute format is now introduced. There's now 20 minutes of news, which certainly means the shortwave entertainment for which the Dutch have been renowned in the past is now drastically cut. "DX Jukebox" listeners were no doubt surprised to find that the regional DX reports are now truly regionalised! The Pacific transmissions will carry only Arthur Cushen's Pacific Report and Glen Hauser's North American Report. Victor Goonetilleke's Asian news and Jan Tuner's Scandinavian report will not be beamed to this area, being aired to their respective regions on the days we hear the above-mentioned contributors. The fortnightly 15 minute editions are presumably too short for such features. Happy Station fans will be concerned too, at talk of a 20 min Sunday newsblock. If true, that makes Tom Meyer's airtime only 30 minutes!

We've registered our protest. Have you? Info via ASWIC & BC

Radio Sweden may be stopping the issue of full data QSL cards and simply acknowledge reports with a "BEC" type card. They want listeners to write in with their views before a final decision is made. Their long-time DX Editor Arne Skoog recently semi-retired and presentation of "Sweden Calling DXers" is now handled by George Wood, an American journalist and DXer. Coincidentally Skoog means 'wood' in Swedish! Info direct & D.Doull



HOW TO TAKE PICTURES FOR TV-DX Part II

Fred Humphries 8

DONT use flashbulbs or electronic flash, as they are much stronger than the TV image, and your picture will show a blank screen. To get a sharp picture, take the photo while there is no movement of objects across the screen.

You must use shutter speeds of 1/30th of a second or less. For focal plane shutters use 1/15th of a second. For box cameras use the 'cloudy' settings, and for automatic cameras refer to your instruction book

BLACK & WHITE TV photography should use film of 125 ASA or lower speed. Dont use high speed black & white film as your picture will be very grainy. For 125 ASA film I suggest 1/30th at F4 for a leaf-type shutter; 1/15th at F8 for focal plane shutter; and 'cloudy' settings on a box camera.

For COLOUR TV use Kodakolor X and use a compensating filter (No.CC40R) to bring out the blues and reds and increase the exposure by one stop. If you do not use a filter, your pictures will have a bluey-green tinge throughout. With the filter, suggested settings are 1/8th at F2 for leaf-type shutter; the same settings for a focal plane shutter; 'cloudy' setting on a box camera.

POLAROID camera users should turn the Light Darken Control to 'far lighten' and it's best to use a tripod. When the photo is taken, don't forget to revert to normal settings or you will ruin the rest of your film pack.

The above settings are only a guide so a bit of experimentation is advisable. Remember that TV programmes are covered by copyright so if you take a picture of a film you may be technically violating copyright, so dont go publishing a book of your TV-DX pictures, hi!

THE TV/FM DX SEASON should be on us next month, but the current game is taking guesses at when FM will be officially introduced into NZ! Ray Hobman contributes a press clipping dated 1/10/77 and headlined "FM Radio not likely before Mid-1978". The Minister of Broadcasting is quoted as saying that FM transmission would not commence in May 1978, and that the Planning Committee established to investigate the possibility of introducing FM transmission was not expected to report back until next year. He said that the Committee was dealing with a very complex matter and would give adequate time to its investigations. In response to a suggestion from the Minister of Health, inquiries would be made to see if it was possible for television FM facilities to be used by radio when the facilities were not being used by TV (! Ed)

QUESTIONS IN THE HOUSE

Although the issue was apparently not picked up by the press or other media, there was a series of questions on NZ's shortwave service raised in Parliament earlier this year. Replying to the MP for New Lynn Mr Hunt, the Minister of Broadcasting said: "No regular programmes are compiled especially for direct SW transmission, although on occasion Pacific language broadcasts of outstanding sports events have been included. The overseas service rebroadcasts Samoan, Cook, Niuean, Tongan and Tokelauan language news bulletins... Most of these Pacific countries relay from the NZ shortwave service programmes of particular interest to their audiences, particularly in the field of news and sport. Special arrangements are made for outstanding occasions and important events. The transmissions consist mainly of rebroadcasts of the National Programme, and hence include coverage of most important events and activities in the country. On Saturday afternoons they originate from the YC network's sporting coverage."

Several questions asked for comparison with Radio Australia in regard to hours of broadcast and transmitter strength for the Pacific. The reply: "Radio NZ has two 7.5kw transmitters and broadcasts daily from 6am to 10.30 pm NZ Time, extending these hours if required to cover special events. One transmitter is directed to the Pacific from 7.30pm onwards, but the primary target for the service is the immediate Pacific basin, embracing Tonga, Fiji, Samoa, Cook Islands, Niue, Tokelau, Nauru and Tuvalu. Radio Australia beams a programme to a wider Pacific area, covering the NZ target area but extending to such islands as the New Hebrides, New Caledonia, Papua and the Solomons. It operates 24 hours a day using 4 100kw, 3 50kw and 3 10kw transmitters at various times.." (Is there any comparison? Ed) Info via D.McIntosh

The following contest information received direct from member & AWR Director Adrian Peterson & via Ian Cattermole.

ADVENTIST WORLD RADIO

IN ASIA

AWR - ASIA
STUDIO & OFFICES

BOX 15
POONA 411 001
INDIA

AWR WEEK AND DX CONTEST 4-10 DECEMBER 1977

A new QSL certificate and QSL stamps will be issued by AWR-Asia during 'AWR Week' in early December. The certificate and stamps will be available to all DXers who submit correct reception reports during the special programmes broadcast. The beautifully designed QSL certificate contains marked spaces for 24 different QSL stamps. Each correct report for each specific frequency used by AWR will merit a QSL card, as well as the new QSL stamp. DXers can then attach the stamps in the correct space on the DX Certificate.

All correct reports received for AWR broadcasts during 'AWR Week' will automatically receive a QSL card, the DX certificate, and the appropriate QSL stamp. After 'AWR Week' the stamps and certificates will continue to be available. The 'AWR Week' is scheduled to begin at 0001 GMT Sunday 4 December and conclude at 2359 on Saturday 10 December. QSLs issued for reception reports during this period will also be rubber stamped with a special marker.

Listeners outside AWR target areas, ie outside Asia and Europe, may receive the certificate for 1 IRC seammil or 3 IRCs airmail. Listeners inside the target area receive their certificate free and will also qualify for special prizes.

'AWR Week' is being conducted to commemorate the 30th anniversary of the introduction of the first AWR Correspondence School in Southern Asia. Known as the Voice of Prophecy Correspondence School, it was launched in Poona India in April 1947. From this humble beginning has grown a network of 15 Correspondence Schools in Southern Asia, which now issue nearly one million lessons yearly. A series of 30th anniversary projects has been conducted throughout Southern Asia to mark the event, and celebrations are to be climaxed by 'AWR Week'.

The DX Contest rules are:

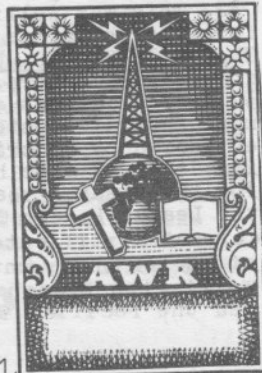
1. Log as many AWR programmes during 'AWR Week', on as many channels as possible.
2. One or more radios may be used simultaneously, or entrants may switch from one channel to another during the AWR programme.
3. Copy programme details, noting in particular the programme number which will be announced in English in many of the programmes. Note also the interference.
4. Programmes broadcast by any AWR station anywhere in the world are eligible for the contest.
5. The contest period is as specified above.
6. Send all reception reports at the end of the contest to AWR-Asia, Box 15 Poona 411001, India.

QSL STAMP (Enlarged)

The QSL stamps will be printed in 2 colours and be the size of a normal commemorative postage stamp. They will be overprinted with the actual frequency of the QSL.

AWR's sked from SLBC Sri Lanka, effective 6/11/77 is:
0330-0400 GMT Sunday EE on 9720, 15425kHz; 0845-0900 on Sunday in Kannada on 7190, 11800kHz; 0930-0945 Sunday in Telugu on same frequencies; 1030-1045 Sunday Malayalam on same freqs; 1350-1400 Sundays Radio Monitors International (Adrian Peterson's DX prgm) on 6075, 9720, 15425. 1430-1445 Sundays VOP Music Hour in EE on same freqs; 1615-1630 Wednesday in Hindi, Thursday in Marathi, both on 7190, 11800kHz; Urdu at same time & freqs Friday; 1330-1400 Friday quiet Hour in EE on 6075, 9720, 15425.

Turn to page 11



LEAGUE A.G.M.

OAMARU
SATURDAY 15 OCTOBER 1977

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The League's 29th Annual General Meeting was once again held under the auspices of North Otago Branch. The meeting was chaired by National Vice-President Arthur Cushen, with Eric McIntosh acting Secretary. Others participating were Bryan Clark (Wellington), Bob Boundy, Peter Mott, Andrew White, Lance Cullen and Jamie Hines (Canterbury), Peter Grenfell, Muriel Bloxham, Ted Sutton, Paul Ormandy, Gerald Harper, Paul Ramsay and Richard Kitto (Oamaru).

ELECTION OF OFFICERS: Sutton Burtenshaw and Arthur Cushen were re-elected National President and Vice-President respectively. The appointment of a new National Secretary, Charlie Chester of Invercargill was announced. Merv Branks, who last month completed 50 years as an active DXers, was unanimously elected League PATRON. Merv's first QSL, from 2FC Sydney, was received in September of 1927. He was a foundation member of the League and the first Editor of the NZ DX Times.

The PRESIDENT'S REPORT highlights included the increasing membership of the League (now well over 400); the continuing high standard of presentation of the Times; the reactivation of Auckland Branch; the successful 1977 Convention at Godley Head Christchurch, which attracted members from Hawaii and 4 Australian states, as well as from throughout NZ; other special visitors during the year, including Keith Glover from Radio Australia and Gunter Jacob from West Germany. The EDITOR'S REPORT commented on the many new DX countries reported during the year, and the introduction of the Yaesu FRG7. Background was given to Magcom's decision to decentralise editorial responsibilities for the NZ DX Times, with publishing/distribution responsibility remaining in Wellington, and sought members understanding for any delays or difficulties while changes are implemented in the coming months.

PUBLIC RELATIONS Officer Arthur Cushen reported almost 400 letters of enquiry during the year, and spoke about the various forms of publicity available to the DX hobby and the League. It was agreed that Arthur's monthly "Shortwave" feature in the NZ Listener was the major source of new members, and the columns value could not be overestimated. DX ARCHIVES spokesman Peter Grenfell reported a year of consolidation for the Archives activity. Arthur Williams had received the early QSL collection of Frank McKenzie during the year. Discussion centred on the need to display some of the increasing amount of historical material, and it agreed to contact Radio New Zealand about the future of their sound archives in Timaru, with the possibility of a combined activity or repository in mind. Members who have, or know of, items related to the early days of radio and DXing are invited to contact Peter Grenfell at 11 Sussex Street, Weston, Oamaru.

COMPETITIONS: Individual Best of the Year Trophies were awarded to Ray Crawford for HCMH6 Cotopaxi Ecuador 1535 1kw and to Paul Edwards for Austrian Army Radio 6221 1kw. Paul also won the 1977 Junior DXer Award. In the Inter-Branch competitions, Southland retained the Albert Stanton BCB Cup with 3547 points (Wellington 3107, Canterbury 2430) and Wellington took the Hope McGregor Memorial SW Trophy with 2933 points (Southland 2743). Southland's dominance in the aggregate award, the Columbus Trophy (13 wins in 24 years) was once again broken by Wellington, with 265 points, to Southlands 284 and Canterbury 732. This was Wellington's 3rd winning of the prestigious trophy. The record for other branches shows 4 wins to Otago and 2 each to Auckland & Canterbury. The KEITH GLOVER AUSTRALIAN TROPHY is the basis of a new annual competition for League members. The award will go to the Junior DXer (one who has under 300 verifications at the beginning of the competition year) who verifies the most Australian stations during the competition year, ending 30 June, as evidenced by contributions to the DX Times. The winner will receive a certificate, and also hold the bommerang presented to the League by Keith Glover for the ensuing year. The award can only be won once by any DXer. Changes in the League Ladder Competition have been deferred in view of large stocks of current certificates. However it is planned to increase the numeric qualification for entry onto the ladder from 10 to 50 QSLs. The meeting agreed to a Wellington Branch proposal that the country list area of Oceania be retitled the Pacific. The method of selecting the Best of Year winner when a

tie occurred was debated. Presently when more than one member has the highest pointed Best of the Month winner, a count-back is taken to establish the recipient of the single-best verification. Thus the winner is not necessarily the highest pointed QSL from the BOM winners. Alternative suggestions for deciding these important awards in the event of a tie should be addressed to Competitions Secretary at P.O. Box 1313, Invercargill.

STATIONERY One new stationery item was introduced during the year, adhesive-fronted League car stickers, selling at 10 for 30 cents. Wellington Branch moved that "consideration be given to upgrading all aspects of the League stationery service to provide a more useful and efficient operation the members and furthermore that consideration be given to following other DX clubs overseas in decentralising this facility, with responsibility held by a branch or individual, distinct from the administrative function." This remit was approved and accordingly -

ANY BRANCH OR INDIVIDUAL INTERESTED IN OFFERING TO TAKE ON RESPONSIBILITY FOR THE LEAGUE'S STATIONERY OPERATION, SHOULD INDICATE THEIR INTEREST TO THE NATIONAL SECRETARY, NZRDXL, P.O. BOX 1313 INVERCARGILL, BY 15 DECEMBER.

Arthur Cushen spoke on his work as Pacific representative for the HANDICAPPED AID PROGRAMME (HAP). During the past year old World Radio TV Handbooks have been shipped to the Indian Director of HAP for use of disabled listeners in the sub-continent. Any member who wishes to donate WRTVH's or other DXing aids to promote the DX/SWL hobby to handicapped persons should contact Arthur at 212 Earn Street, Invercargill.

SUBSCRIPTIONS: The substantial increases in overseas mail rates, coupled with introduction of metric weight steps, has doubled the cost of airmailing the DX Times overseas and necessitated the following new overseas airmail subscriptions:

To Australia	NZ\$9.00
To Rest of the World	NZ\$14.00

While domestic postage rates have also increased, it has not been necessary to increase the subscription to New Zealand subscribers at this time.

Special votes of THANKS were extended to Mrs O.D. Crawford for her sterling work as League Treasurer, to Wellington Magcom for their efforts over the last 5 years, and to Arthur Cushen for his efforts as Public Relations Officer and for HAP.

GENERAL: It was agreed to give publicity to the concept of 1978 as World Broadcasters Year. The present level of branch support was discussed, and Adcom asked to recirculate previously prepared material offering suggestions on branch activities. Paul Ormandy asked for reintroduction of a Utility section. The reaction of members will be sought through the DX Times. Individual membership is currently not open to persons under college age, but the operation of a pre-college group under the auspices of North Otago Branch was supported. An approach is to be made to the Duke of Edinburgh Award Scheme, which has short-wave listening as an award subject. The League's 30th AGM will be held during October 1978 in Oamaru, this location again being selected as a 'geographic compromise' between the two present centres of League administration - Invercargill and Wellington. Thanks to North Otago and especially Muriel Bloxham for their hospitality and efforts.

AWR WEEK & DX CONTEST (continued from page 9)

Continuing broadcast times for AWR prgms from SLEB Sri Lanka - 1300-1315 on Saturdays in Tamil on 7190, 11800kHz; 1330-1345 'Your Radio Doctor' Saturdays in EE on 6075, 9720, 15425, 6185, 920(MW) and 93.3mHz(FM). Except where indicated, the programme is Voice of Prophecy. Also eligible for the DX Contest are AWR Europe programmes. Their sked (effective at 4/9/77) is 2100-2130 daily on 9670kHz from Sines Portugal; 1630-1700 Monday & Thursday, also on 9670; 0500-1000 Sundays also on 9670; 0600-0700 Sun on 9645; 0700-0800 Sun on 9770 & 9605 the last three frequencies originating from Malta. AWR-Asia currently uses 10 different frequencies, and AWR-Europe 4 frequencies. Space is given on the certificate for verification of future changes in frequency.

We hope League members will participate in this unusual and challenging event.

ADVENTIST WORLD RADIO



GRUNDIG are about to produce a new version of their popular 'Satelit' portable receiver - the '3000' and deliveries are expected early in 1978. At first glance it looks like a re-vamped model '2100', but closer examination reveals that it is much bigger and over 30% heavier. The familiar 21 wavebands are still incorporated but the receiver also has a 5-digit LED frequency readout with quartz oscillator operating on all bands. BFO/SSB, ANL, MVC, and a conventional S-meter are included, together with an LCD-type quartz clock. 51 transistors, 9 IC's, 23 diodes, 5 thyristors and 12 stabilisers are used. Price and technical specifications are not known at this stage. Info from Auckland member Charles Chenery, currently using a Sony CRF-230b and reporting terrific reception conditions in recent times.

YAESU FRG7 MODS have been carried out by 2 members. Masami Onizawa advises that he has replaced the filter with an LF-C2A which gives a frequency characteristic (selectivity) of $\pm 1.4\text{kHz}$ at 6db, $\pm 2.1\text{kHz}$ at 50db. The LF-C2A costs 1,500 yen in Japan (under NZ\$6) and Masami comments that the result is "quite satisfactory". Leigh Morris's Frog has been modified and fitted with a pair of TF-01A's and a VTD-3-1 ceramic filter (as recommended by Ralph Sanserino). Although the set has lost a little of its excellent tone, it has been more than compensated for by the good deep skirt selectivity. The slopes are now considerably sharper and Leigh reports that it is possible to separate quite strong signals on 5kHz splits. He comments that the Frog now costs \$335 but remains good value. A LF-C6 ceramic filter was actually installed in his set rather than the FL-1 shown in the circuit diagram. New FRG7's are also equipped with a good size phone jack rather than the small jack previously fitted.

SONY ICF5900W This widely publicised portable should be available duty-free in NZ next month, with a price around A\$105.00.

Bryan Marsh

STANDARD COMMUNICATIONS is another Japanese company to bring out a receiver using the Wadley Loop system, the C6500 all-band communications receiver. Coverage is 0.5 to 30MHz in 4 bands and facilities include AM/USB/LSB mode switch, pre-selector, S-meter, dial light, volume/pull attenuator control, clarify control, internal battery compartment and antenna. On the back are an external battery input, record out, phono jack, external antenna terminals and mute control. There is a phone jack beneath the front panel speaker. Price is ¥59,000 (the same as the PRG7) in Japan. Info from Texan member David Jerard Duke who presently runs a National RF-2200 (also known as Tech-1300 in the US) but hopes to graduate to a RJX-4800 as soon as funds are available.

SANYO's RP8880 was recently tested out by Bryan Marsh. This new 9-band set is not recommended for the serious listener, says Bryan, due to its large size, lack of graduation markings on MW and SW Band II (49m bandspread), and slowness of tuning on SW due to the bandspread range of 120kHz. Price is around A\$180 duty free. Incidentally you can see a photo of Bryan in the latest RSA Calling on the right of page 3 (if you can get past the cover picture!)

ISSN NUMBER No, the odd numerics at the top of the cover page are not a new frequency & callsign, nor a secret SIS phone number! The NZ DX Times is now registered with the International Centre for the Registration of Serials in Paris and the unique International Standard Serial Number (ISSN) 0110-3636 is allocated to our publication by the UNESCO Agency as part of a move to identify all publications.

via BrW

A REAL POSER Member Ian Cattermole recently received a QSL from NOS (Nederlandse Omroep Stichting) Hilversum for reception of the 1493kHz MW transmitter at Hulsberg, even though he has never heard the station, let alone any NOS or other Dutch MW operation! He did report & QSL Radio Nederland on the same day as QSL'd by the NOS verification, but as far as we can determine, the 2 operations are distinct.

UTILITIES

Paul Ormandy is keen to see a Utility DX section reintroduced in the Times. Such a proposal must have a greater support than the column received in past years. If you are interested & prepared to support a Utility column, please drop a note to Box 2956 before 31 December!

Shortwave Mailbag

THIS MONTH'S EDITOR:

PAUL EDWARDS of WELLINGTON

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Most notable this month was a terrific peak in African signals on the low bands in early October. Stations were audible from as early as 1600 past 1950 GMT and 90 metre band catches in Wellington included the Comoro State's new external service with just 4 kilowatts on 3331 kilohertz.

Notable amongst this month's mailbag are verifications from Guinea-Bissau, Burma, Sarawak, and several from the Cameroons, including one for the recently introduced channel of 4925 kilohertz reported by Steven Greenyer. Some very pleasing replies are to hand from South American stations.

Now to the mail :

Paul Rawdon now of Eastbourne in Wellington is back into it with 12 reports away and QSL's from RNE 9505 KTWR (First day of morning broadcasts) 15155. In Paul's new coastal location he is having trouble with noise from salt on the power lines. Keep at it!

Arthur Cushen of Invercargill has 'em from ORF 5925 KTWR 9640 11/05 11780 15155 Sofia 7115 Madrid 7155 WINE 11730 RCI Montreal 9785.

Ian Cattermole of Blenheim has a big collection with some fine veries from KTWR 9640 11/05 11780 BBC 17705 RA 11705 11790 15140 15160 CPFX 6070 NHK 9675 17825 17795 VOA Okinawa 6010 7165 RFI 11825 15300 HCJB 6160 RN 15185 Moscow 15310 RNE 7155 11785 11810 Burma 5985 Luxembourg 6090 Sarawak 4950 5030 Sweden 11705 AWR Malta 9770 Pyongyang 11780 Turkey 11800 Gaucha 6135. Sarawak, although part of the Federation of Malaysia, is classed as a seperate country (as is Sabah) for totals purposes. The island of Okinawa is in the Ryuku Islands stretching for around 600 miles below Japan. Until 4-72 the islands were under US Admin and counted separately but now it counts as part of Japan.

Cecil Symmes of Wellington has veries from Seoul 9525 Peking 17635 RA (Shep) 21455. Back to the dials now!

Masami Onizawa of Japan has QSL's from Berlin 21465 TWR Bon 15445 Buea 3970 Cuba 11760 + Five from KTWR 15155 11780. Nice African!

Bryan Clark Wellington has 10 away but a disappointing loner from Berne on 9560 6165. More next month I hope, Bryan.

Jack Searle Haumoana has them from IHK 17790 17795 RN Mad 17810 KGEI 9555 SBC 9625 11850 Sudan 5039 (New country). Sudan seem to be replying more frequently than they used to.

John Campbell Newcastle Australia has replies from Radio UNE 1630 East Lombok 2854 (Fantastic!) Radio Five 3388 Escuelas R Populares 3985 RRI Sorong 4871 Sunshine (English Pirate) 6235 DLF via Sines 7130 Cyprus BC 9770 Denmark 15165 KTWR 11705 11780 15155 which brings up country 200 verified by John according to the League Countries Listing. Congratulations John-who can argue with that sort of quality!

Paul Ormandy Camaru has logged 29 and verified 5, DW Mon 9590 ppc TWR Swazi 4760 Bissau 4780 (Country 133) Garoua 5010 RW 11850. Nice Africans!

Paul Edwards Wellington has quite a few this month from RNE 9600 11810 KTWR 9640 11780 15155 VOA Rhodes 6015 Rm Dushanbe 15220 Tbilisi 11710 Unid local 12020 Voz de la Selva 6170 + sticker Escuelas R Populares 3985 + pennant Cruz del Sur 4875 + pennant NBC Kaduna Nigeria 3396 Finland 11755. Several low band Africans logged in early October.

Brent Allred Motueka has plenty of replies but hasn't done much listening. His veries are RBI 9645 RA Shep 11740 15320 17795 Lynd 15160 15270 RN Bon 9630 KGEI 5980 9555 RNZ 6105 + pennant Vatican 9645 KTWR 15155 + sticker DW 9565 RFI 15155 WYFR 5985. You've got your priorities right!

market square

FOR SALE: BC221 FREQUENCY METER 125KHZ to 20MHZ. \$75 COMPLETE.
WRITE: PHIL BOLTON, 4 OHARIU ROAD, JOHNSONVILLE, WELLINGTON 4.

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Bill Jolly Kawerau has 10 away and QSL's from Poland 6135 RTVE 9630 11840 11730 9350(?) Venezuela 5020 VOA 17895 21485 RA 11740 15410 9510 NHK 11705 Moscow 15250 Sweden 15120. Thanks, Bill.

John Wysocki Lower Hutt has 1 out but more back from Spain 7105 7155 6100 ORF 6015 WWVH 2500 NHK 9605 9530 9675 11875 15235 15420. Best of luck for exam success-keep off the dials 'till then!

John Mainland Wellington has them back from Vatican 11800 TWR-B 11800 11925 ORF 17725 AWR Malta 9770.

Steven Greenyer Invercargill has some enviable QSL's from RA 11740 Bandeirantes 6185 Camerouns 4925 Tropico 4475 (I guess that's the Bolivian on 4775 you mean Steven). I heard R.Los Andes when I tried!

John Allchin Auckland has a few back from Cuba 9525 DW Malta 11865 VOA Delano 15250 RNE 9505.

Mark Nicholls Auckland in his first contribution for a little over 2 years reports QSL's from KTWR 15115 SBC 9535. Welcome back Mark-hope you Aucklanders are happy in the work we're sending you!

Victor Hayman Geraldine is yet another member to recently acquire a Yaesu FRG7. He reports on recent receptions of Radio Japan and Radio Australia. Suggest you write to Radio Australia for their frequency schedule, Victor. Thanks for writing-hoping to hear from you again.

Bill Huddleston Auckland has been busy with 18 away and veries from ORF 5925 KGEI 9555 + pennant Vox Fidei 9760 Mauritania 4845 FEBA 11755 KTWR 11780. Nice African, Bill.

STOP PRESS. Revised frequency sked of RADIO NEW ZEALAND, released 11/11 & effective 14 November-5 March. 1800-2215 on 11960, 2230-0520 on 17710, 0520-0715 on 11780, 0730-1030 on 11820. Second transmitter: 1800-2245 on 15130, 2300-0345 on 15380, 0400-0715 on 15130, 0730-1030 on 11820 (last to Australia)

BEST OF THE MONTH

OVER 9 MHz

No entry.

UNDER 9 MHz

NBC Kaduna Nigeria

3396 khz 10 kW 127 pts.

Paul Edwards.

RADIO NEDERLAND's new sked includes: New news programme for West Africa 0700-0720 on 11875, 9770, 7210 (Lopik). To Pacific via Bonaire 0730-0820 on 9770 and 9715. To Australia 0830-0920 via Bonaire 9715. 0930-1020 to Europe on 9895, 9660, 7240, 6045, 5955, all from Lopik. To West Nth America 0530-0620 on 9715, 6165 Bonaire. All these are English broadcasts. ASWLC

RADIO AUSTRALIA's sked to NZ since 29710 is: 9540 0800-2000, 9580 1800-2200, 11810 1900-2200, 15140 2200-0600, 9570 0700-0900, 11740 0700-0900, 11840 2030-2200, 15240 2230-0730.

John Mainland

SBC BERNE's sked has following changes from 6/11: 0700-0930 17830 replaces 17840; 1100-1300 15230 replaces 15140; 1315-1515 15305 and 15350 replace 15430 & 11905 respectively; 1815-2245 on 9535, 9685, 11850 replacing 9590, 11905 and 11870.

Gavin Waters

RADIO DENMARK's sked from 7/11 in Danish includes 0900-1000 to Far East/Australia on 15165. This frequency also used 1100-1155, 1410-1510, 1815-1915 and 1930-2030. SCDXers

WINB current sked is 1700-1830 on 75375, 1830-2000 on 15355, 2000-2200 on 11775, 2200-0000 on 15385, 0000-0030 on 11710kHz. Paul Ormandy

ATTENTION HOLDERS OF NEW COUNTRIES LIST: SHOW NORTH AND SOUTH VIETNAM AS EXTINCT COUNTRIES FROM APRIL 76. OMITTED IN ERROR FROM PAGE 5.

SHORTWAVE BANDWATCH



with: JOHN ALLCHIN, MARK NICHOLLS, BARRY WILLIAMS

With summer approaching the higher frequencies are improving with some regular openings on the 13 and 16 metre bands. After a brief period on 9695 kHz, Radio Cook Islands has now returned to it's former frequency of 5045 kHz. And for those who are still after Uruguay, Bryan Clark has heard SODRE on 15273.5 kHz till sign off at 0302.

FREQUENCIES IN KILOHERTZ TIMES ARE GMT (Add 13hrs for NZ Daylight Time)

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME & RECEPTION DETAILS</u>	<u>INITIS</u>
3215	1025	INDONESIA	RRI Manado.	Oldies vg with idents and t/checks	1030 PO
3291	1825	MALAGASY	RTVM Tananarive	here ex 3288 with good signals	10/10 BC
3360	0855	PAPUA NEW GUINEA	Pidgin ancncts,	DJ prgm fair	CS
3385	0923	PAPUA NEW GUINEA	New Britain	in Pidgin with news, mx and commentary	CS
3388	1820	SOUTH AFRICA	Radio Five	with Hit Parade in EE. Peer	9/10, 10/10 BC
3425	1436	NEPAL	Ext Service	in EE to 1520. Wx 1450 with Nepali Mx Prgm. Fair but noisy.	PE
3550	1025	INDONESIA	RRI Kupang	very good with interview.	PO
3762	1309	INDONESIA	RKDPK Tuban	with talks and childrens programme.	PO
3778	1252	INDONESIA	RKDPK Sumbawa	with news at 1301.	PO
3965*	0416	SOUTH AFRICA	SABC	in EE with 'Agricultural Journal' and ident at 0430. News, prayer, choir music and interview.	DD
4735*	2043	PAKISTAN	Karachi	in Urdu with Regional Service. Ethnic mx 2049. Good signal with some QRM 13/10.	DM
4753	0645	BOLIVIA	Radioem	good with indigenous music in SS.	JW
4780	1829	JIBUTI	Radio Jibuti	good in Afar with indigenous mx till s/off with anthem 1901, 9/10, 10/10, 11/10.	BC
4807*	1910	SAO TOME	Radio Nacional	fair with music and news. Id 'Aqui Sao Tome'	MO
4815	0605	UPPER VOLTA	Ouagadougou	good with FF pops and plenty ids 'Ici Ouagadougou'.	PO
4820	2117	ANGOLA	Radio Nacional Luanda	with Afre mx and ancncts. Id 2131 in PP	vg DM
4845	0909½	INDONESIA	RRI Ambon	with talk on Irian Jaya, news 0930 from Jayapura	PO
4895	0537	PERU	Radio Chanchaymaye	vg in SS prgm.	JW
4905*	0844	BRAZIL	Radio Relogio Federal	with ident, talks, and pip sounds, fair	MO
4915*	2018	GHANA	Accra	talks in FF with Afre music, good with light QRM 15/10,	DM
4976	1823	UGANDA	Kampala	with Highlife music prgm. EE news 1900 11/10. Fourth attempt at QSL ! Sign off at 2108	BC DM*
5045	0730	COOK ISLANDS	Raretenga	excellent back here ex 9695. QRM later RA Nx 0800.	BH BC
5125*	2040	CHINA	Peking PLA	to Taiwan. CC cheral items and commentary vg 23/10	DM
5960	0530	ANTIGUA	DW	in EE to NA // 6100 6185 and 9540.	BH
5965	0700	NORWAY	Ose	fair-good to Europe, // 9590, 11850, 15175 (? lang ed)	GW
5990	1931	ITALY	RAI	good in II // 6050 fair.	PR
5995	0505	USA	VOA Grenville	in EE fair with news.	CS
6012*	0904	ANTARCTICA	AFAN	with music.	MD
6015	1558	ETHIOPIA	V of Rev.	Ethiopia mxd Moscow good at sign on in EE PO. 1530 EE news bulletin under Moscow. AC	
6035	0520	LIBERIA	VOA	with commentary in EE.	CS
6100	1828	YUGOSLAVIA	Belgrade	with Interval Signal into EE Peer.	CS
6100	0540	WEST GERMANY	DW	with EE commentary. Peer.	CS
6115	2029	PORTUGAL	Radio Portugal	with EE s/en. Good.	PR
6125	1515	HUNGARY	Radio Budapest	with EE DX News Fridays.	AC
6135	0550	TAHITI	Radio Tahiti	good with local programming.	JS
6190	1730	INDIA	AIR Delhi	good with EE education prgm in India	BH
6190	0503	WEST GERMANY	Sender Fries Berlin	in GG Sundays till blocked by Arab station 0515. Geed.	BC

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	UNITS
7095	1815	PAKISTAN	Karachi	with world news in EE. Very good.	JR
7120*	0336	CHINA	Radio Peking	with EE/CC lang lesson	DD
7170	1945	GREECE	VOA	with EE music programme. Very Good.	CS
9410	2005	GREAT BRITAIN	BBC World Svc	in EE. Fair	CS
9425	2005	ISRAEL	IBA	EE news. Good.	PR
9480	2030	ALBANIA		Poor with EE news.	BH
9475	0230	EGYPT	Cairo	with EE to N.A. Poor to fair.	GW
9505*	0532	PERU	Radio America	fair with music prgm.	MO
9505	1005	JAPAN	NHK	fair with EE news.	CS
9520*	0800	PAPUA NEW GUINEA	P2T9	NBC-Port Moresby hrd after Cuba sign off in EE. P2T9 normally off air at this time!	DD
9530	0730	SWITZERLAND	SBC Berne	with Jazz music. EE prgm fair.	BJ
9535*	0549	ANGOLA	Radio Nacional	poor with music and news. Ident 'De Luanda..'	MO
9560	2110	SWITZERLAND	SBC 'Sounds Swiss'	prgm poor in EE.	PR
9562	0708	PERU	Radio Nacional	fair with music prgm.	MO
9605	0330	SWEDEN	Radio Sweden	opening in Swedish to Europe. Good.	JS
9625	1830	VATICAN	Vatican Radio	s/off in Rumanian with good signals.	JS
9610	0359	ETHIOPIA	Radio Ethiopia	vg at s/on in Amharic with Int. Sig.	PO
9650	0350	AUSTRIA	ORF	closing SS prgm to Central America, mxid, fair.	JS
9655	2115	GREECE	V. of Greece	with EE news good // 9760.	BH
9670	0705	PORTUGAL	Vox Fide	with EE Very Good 15/10.	BL
9670	0510	USA	VOA Grenville	in EE with Breakfast Show. Good.	CS
9675	0015	BELGIUM	ORU Brussels	EE prgm to NA. AC-Commentary, fair.	JR
9675	0630	POLAND	Warsaw	fair to good in EE to Europe//7280 poor.	GW
9685	0030	BELGIUM	ORU in EE.	QRM 15/10 BL. EE to Sth America fair. NF.	JM
9690	0955	USA	AFRTS	fair with EE news.	CS
9695	0240	SWEDEN	Stockholm	fair in EE with prgm 'People in Sweden'.	CS
9700	2015	JAPAN	NHK	good to Middle East in EE.	BH
9745	0855	ECUADOR	HGJB	in EE good.	BJ
9745	1930	IRAQ	Baghdad	with EE news commentary, good.	BH
9750	1015	CHILE	Radio Mimeria	with 'Banco de Concepcion' advts and News.	PO
9765	1725	SEYCHELLES	FEBA	opens with EE idents and FF then into Asian lang.	JS
9780	0403	YEMEN	San'a	strong past 0450.	PO
11535*	0926	NORTH KOREA	Radio Pyongyang	with commentary. Ident 0947. s/off 0950 Very good signal 23/10.	DM
11630*	2321	EGYPT	Cairo	with Islamic music prgm. Good signal 23/10/	DM
11700*	2145	TAIWAN	VOFC	with news, ident 2154. Music and requests for reports. Clear signal on 20/10.	DM
11704	0210	CHILE	Radio Nacional de Chile	good on LSB mode to avoid RMX 11705 het. // 15128. BC. 11705 with QRM.	BL
11705	2220	VATICAN		to A/NZ with religious prgm. Poor.	BH
11705	2145	SWEDEN	Radio Swden	good in SS. PP at 2200.	JS
11710*	2227	ARGENTINA	RAE	with tange music and talks, poor-fair.	MO
11720	0315	EAST GERMANY	RBI	with prgm in Swahili to Africa.	AC
11730	1201	UZBECK	SSR Radio Tashkent	with prgm in EE vg JR.	DD*
11735	0426	IRAN	Tehran	with Farsi prgm. News 0430. Music annts, poor 15/10	JM
11765*	0736	WEST GERMANY	DW	in FF to W. Africa. Music and commentary. Exc 18/10	DM
11770	2100	WEST GERMANY	Radio Liberty	fair in ? Czech.	BL
11775*	0729	SWITZERLAND	SBC	in EE. 0730 into Italian prgm with news. Exc 18/10	DM
11785*	2038	BRAZIL	Radio Gaucha	fair with music, idents and news.	MO
11820	0459	MOZAMBIQUE	Radio Mocambique	vg with Int. Sig. and s/en with News. Request session Sundays.	PO
11855*	2335	PHILIPPINES	FEBC	with news in EE.	DM
11860	1130	SOUTH KOREA	KBS	excellent in EE to Europe.	PO
11870	0845	USSR	Radio Moscow	excellent with EE commentary.	BJ
11880	2145	AUSTRALIA	VH11 Melbourne	with EE classical music. Good.	CS
11905	2116	VIETNAM	V. of Vietnam	with talk on rice production and VV Music. Good 20/10.	DM*
11905	0615	WEST GERMANY	DW	commentary on war in Ethiopia, excellent.	CS
11915	0158	BRAZIL	Radio Gaucha	over HCJB with PP soccer commentary.	PO

FREQ	TIME	COUNTRY	STATION	PROGRAM AND RECEPTION DETAILS	INITI
11925	0130	NETH.ANT.	Bonaire TWR	, English , good .	BJ
11935	0250	PORTUGAL	Interval signal	then EE news .	CS
11945	2129	CANADA	RCI African Service	.Interval signal and music	DM
11955	1843	SRI LANKA	SLBC s/on	in EE to Europe .	JR BL
11960	0500	ISRAEL	IBA with EE news	, fair .	BJ
11960	2054	USA UN Radio	. Poor due to QRM	Radio NZ . IBA s/on 2100 with jammed RR broadcast .	BJ PR
12005	2100	EGYPT	Cairo with home service	in AA . Fair .	JS
15110	1230	USA WYFR	comment program		MD
15115	0008	GUAM TWR	poor in EE	parallel to 15155 . splatter from RA	JS
15120	1045	SRI LANKA	SLBC Colombo good	with EE news following JJ prog. Also heard EE to Europe at 1915 .	BC
15120	1230	SWEDEN	good in EE to SE Asia	// 15305 . <u>GW</u> Also 30 Kw SSB on 21555 at 1000 in Swedish .	JMPO
15120	1225	UZBEK.SSR	R.Tashkent very good	in EE	JR
15130	0807	USSR R.Moscow	very good EE to Aust/NZ .	(transmitter site is Petropavlovsk - BW)	BA
15150	2340	CHILE	Voice Free Chile , SS news	good . VG in EE 0005 ; s/off FF 2301 good . s/off EE 0125 fair ;	Many
15160	1037	HUNGARY	R.Budapest Good in EE	with news to NZ	BA
15180"	2318	USSR R.Vilnius	s/off 2328 ;Radiostantsia	Rodina 2330 in RR DD	RR DD
15180"	0900	PAKISTAN	R.Pakistan news		MD
15190	0300	BRAZIL	PRK9 s/off with good	night melody	AC
15205	1000	INDIA	AIR Delhi EE to Aust/NZ	//15250 .Both good	BC
15220	0600	SOUTH AFRICA	RSA Good in EE news	JW ; Poor 0624	BJ
15240	1530	YUGOSLAVIA	Good with EE news .	Signal deteriorated .	CS
15250	0645	ROMANIA	R.Bucharest fair in EE	JS ; Good BA	
15270	2035	USA WINB	news in EE JS ; Good	till TWR 15275 s/on	PR
15273 $\frac{1}{2}$	0212	URUGUAY	SODRE poor with popular	music . SS annets 0258 Abrupt s/off 0302 .	BC
15285	1144	USSR	Peace & Progress . Good	in EE with usual program .	BJ
15305	1100	SWEDEN	R.Sweden strong in EE	to Far East . Their popular DX program " Sweden Calling DXers " heard this time	MD GW
15375"	2030	ECUADOR	HCJB fair with JJ	to Sth America	MO
15460	1200	UZBEK.SSR	R.Tashkent English news	, fair	SJ
15470	0304	USSR	English news and commentary	. Good	CS
15512	1200	ISRAEL	IBA news		MD
15665	0800	GREAT BRITAIN	BBC news in English	. SSB transmission	BJ
17635	0900	CHINA	R.Peking English to Aust/ NZ		CS
17700	1830	HOLLAND	R.Nederlands English to Africa	, fair-good	BL
17715	1030	HUNGARY	R.Budapest Good in English	to Aust/ NZ	GW MD
17720	1240	BANGLADESH	Dacca Poor in English	, better on // 15520	JM
17765	0045	USA	Dixon AFRTS English magazine	program good	CS
17775	1230	AUSTRIA	Austrian Radio		MD
17780	0610	SOUTH AFRICA	RSA " Good Morning Africa "	fair in English	BJ
17795	2258	TAIWAN	Voice of Free China ,s/on	in Spanish .Excellent	PR
17795	0600	JAPAN	NHK fair in English/Japanese	. QRM from Moscow	JS
17810	0800	MALAGASY	R.Nederland s/on in Dutch	. Fair - good	BL
17815	0405	BRAZIL	Sao Paulo ,R.Cultura .Poor	in PP . s/off 0458	JM
17820	2240	USA	Dixon , VOA Breakfast Show	. Fair	CS
17830	1228	GREECE	Avlis English news concludes	at this time .very good	JR
17830	0240	PAKISTAN	Radio Pakistan dictation	news in English . good	CS
17840	0430	AUSTRIA	Austrian Radio heard	with comments	MD
17855	0100	CHINA	R.Peking English to USA	//15060 . Poor	BH
17860	2051	LIBERIA	Monrovia VOA to Africa	.Fair in English	BH
17865	2015	ECUADOR	Quito HCJB . " DX Party	Line " to Europe fair	BH JS
17885	2115	CUBA	R.Havana ,English to Europe	fair copy	BH
17890	0130	TAIWAN	Voice of Free China , English	lessons CS ; Heard with Pops 0330 . Fair in English	BJ

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
21455	0300	AUSTRALIA	Excellent	with EE news.	BJ
21460	0900	BELGIUM	Brussels	Relay of Home Svc in FF to Africa Sun only	JM CS
				FF identification heard 1101 Good	
21465	0645	EAST GERMANY	RBI	EE to S.E. Asia // 17700	GW BH BL
21470	0910	GREAT BRITAIN	BBC	VG in EE JW ; 0935 Fair	CS
21475	0800	BELGIUM	BRUSSELS	Dutch to Africa Sun only Fair	JM
21480	0800	MALAGASY	R/Nederland	relay regular in II 0800-0920 , 0930-1050	BC
21485	1115	VATICAN	Vatican	Radio fair in EE to Far East	GW
21490	0800	FINLAND	Helsinki	Very good with 90 min 'Sun Best' to Far East	GW
21500	0946	GERMANY	DW	Good with EE news and comments 1110 African Svc	CSJW
21515	0205	PHILIPPINES	FEBC	Religious programme in EE Fair	CS
21525	1030	HUNGARY	Budapest	fair in EE to Australia/New Zealand	GW
21535	1145	SOUTH AFRICA	RSA	Fair in EE for C/E Africa	BC
21540	0930	RWANDA	KIGALI	DW with local ident in FF then EE for E/Asia	BC GW JR
				Australia/N.Z. Good signal.	
21570	1129	GREAT BRITAIN	BBC	Malay Svc good at sign on heard to s/off 1144	BC
21570	0935	AUSTRALIA	EE	Popular music fair to good	CS JR
21590	0240	PAKISTAN	EE	dictation news good	CS
21590	1744	SWEDEN	Radio Sweden	Home Svc SSB	BC
21590	0902	SAUDI ARABIA	RIYADH	with AA Home Svc Regularly v/g on top of USSR and BBC from 0930	BC JW
21600	0945	GERMANY	DW	good in EE	JM
21605	0835	KUWAIT	Radio Kuwait	Poor in AA service	JW
21610	0900	GREAT BRITAIN		sign on in EE then news good	JM
21610	2350	USA	DIXON	VOA 'Breakfast Show' very good	JW
21640	1118	GREAT BRITAIN	Fair	with 'Postmark Africa' to conclude 1124. New frequency : Feed to relay base.	CS
21645	0900	USSR	Radio Moscow	Home Svc Poor // to 21600 21590 21530 21515 21505 21490 .	BC
21660	0910	CYPRUS	BBC	World Svc in EE // 21710 Both freqs v/good signals	JR JW
21665	0922	GERMANY	RADIO FREE EUROPE	EE identification very good	BL
21675	1147	INDIA	Delhi	Thai Svc till s/off 1200 after station ident	BC
21685	0945	KUWAIT	Radio Kuwait	s/on with AA service Poor	JM
21690	1115	SWEDEN	Radio Sweden	poor but clear with EE to Africa	BC
21700	0730	CZECHOSLOVAKIA	Prague	poor in EE to Pacific better at 0830	GW
21720	1130	GERMANY	RADIO FREE EUROPE	The UNIDENTIFIED Station heard by CS is Radio Free Europe in Czech according to BC.	CS
21730	0705	PAKISTAN	Radio Pakistan	heard in world service in Urdu	JM

CONTRIBUTORS: Thanks this month to. BC Bryan Clark BH Bill Huddleston GW Gavin Waters BL Bruce Lister JR John Ridge BJ Bill Jolly JS Jack Searle JW John Wysocki PR Paul Rawdon PE Paul Edwards BA Brent Allred AC Arthur Cushen PO Paul Ormandy CS Cecil Symmes JM John Mainland DM Don Mitchell (Victoria Australia) M.D. MDalrymple (NSW Australia) MO Masami Onizawa (Japan) DD David Duke (EL PASO TEXAS U.S.A.) A warm welcome David we hope to hear from you in the months to come with whats being heard in the U.S.A.

In Theory as Summer approaches the lower frequencies should begin to deteriorate however Paul Edwards with his 680 X Eddystone is continuing to hear some good Africans on 60 and 90 metres . Below are listed some of them.

3223 1705 SWAZILAND TWR Indian languages also heard 1849

3308 1815 RHODESIA Vernaculars . Many adverts talks and native/western mx

3380 1753 MALAWI News at 1800 very good copy

3388 1644 SOUTH AFRICA Radio Five heard till after EE identification 1800

3396 1840 RHODESIA Very good orchestral music

4804 1906 KENYA Fair till 1955

4850 1646 CAMEROON ?? Light music programme very poor by 1830 when suspect EE news

ARTHUR CUSHEN'S SHORTWAVE REVIEW

19

On November 6 many shortwave stations made frequency changes which are the highlight this month, while high frequency reception continues to improve. The following was aired in "Arthur Cushen's DX World" on Radio New Zealand's National Programme and shortwave service at 0915GMT on Sunday November 6.

All times GMT

All frequencies kHz

Belgium: Brussels has been heard on 9675kHz in English 0015-0100 and not on 9680kHz as scheduled. They also announced they are using 6080kHz in place of 6065kHz.

Bonaire: TWR noted on 11800kHz having moved from 11790kHz closing at 0330GMT.

Brazil: PRK9, 15190kHz heard closing at 0320GMT with a goodnight song.

Canada: Radio Canada International in English to North America from November 6, 0200-0227 and 0300-0327 on 5960, 6185, 9535 and 9605 and 0400-0427 on 5960 and 9535kHz.

Chile: The Voice of Free Chile heard on 11810kHz at 1040-1050GMT in English. Also heard on 15128kHz English 0110, 0210 and 0310GMT with same programme on 15150kHz.

Ecuador: HCJB advise that they will move from 6160 to 6165kHz due to the interference from the Colombian on 6160, the transmission is 0800-1200GMT. They have been heard on the unannounced frequencies of 11720kHz closing at 0230GMT.

Iran: Teheran, 9022kHz heard now with English 1900-1930GMT.

Jordan: Amman noted on 11920kHz opening 0330 as VOA closes, but some interference from Radio Moscow.

Netherlands: Radio Nederland transmission to Australia and New Zealand is now 0730-0820 on 9715, 9770kHz and 0830-0920 on 9715kHz in English.

Norway: Oslo from November 6 is using some new frequencies and the two transmissions best received in this area 0700-0830 on 5965, 9590, 11850 and 15175kHz and 1100-1230GMT on 9590, 17800, 21730kHz. English during the last thirty minutes of the Sunday broadcast.

Philippines: VOA is using 15155kHz 1100-1600GMT to Oceania in place of 15345kHz.

Seychelles: FEBA advise that due to the huge mail they are now only verifying programme reports from the primary area or those received on cassette or any special reports. Noted on 11865kHz in Arabic 0345 sign-on.

Sweden: Stockholm in English to Australia and New Zealand daily 1100-1130GMT is using 17845 in place of 15305kHz. This transmission is not heard on Monday due to transmitter maintenance. The Swedish transmission to this area 0630-0815 continues on 9605kHz.

Switzerland: English to the Far East 0700-0730 and 0900-0930 is now on 9560, 11775, 15305, 17830kHz this frequency replacing 17840kHz.

U.S.A: WINB Red Lion has been heard on 15270kHz opening at 2200GMT, but this frequency is to be replaced by 15385kHz.

New Zealand: Radio New Zealand Shortwave Service amended schedule from October 30, to the Pacific 1800-2215, 11960, 1800-0715, 15130; 2230-0500 17710; 0515-0715 11780; and 0730-1030 on 11820kHz; to Australia 0730-1030GMT on 11820kHz. See STOP PRESS page 14.

WYFR's new Florida site should be in use by now, with a 100kw transmitter to Europe/South America. Radio RSA's 500kw transmitters are not likely to be in use for few months yet. via Glen Hauser's DX Report on RCI

Cameroons The new 4750 tx is Radio Bertoua, an experimental station of Radio Cameroun, carrying its own prgms as well as relays of the Yaounde domestic prgm.

BBC MS (c)

..sign off..

SURINAM If you have a report out to SRS Paramaribo 4780kHz don't despair! Since the station began testing a 1kw transmitter in March, over 600 reports have been received and a new oversize multi-coloured QSL card printed recently, according to QSL Manager Roy Khemradj. A power increase to 10kw is due soon. Ralph Perry SCDX 25/10

RADIO TASHKENT's new English sked from 25/10 is 1200-1230 and 1400-1430 on 5965, 6025, 9540 & 9600kHz. Gavin Waters

BANGLADESH A new address to try if you are having trouble verifying Radio Bangladesh is P.O.Box 2284, Dacca.via SDC

AUSTRALIA v INDIA TEST CRICKET will be broadcast by Radio Australia to NZ on 15215 and to Asia on 21570 as follows: First Test 2/12-7/12 at 0045-0815, Second Test 16/12-21/12 at 0245-1000, Third Test 30/12-4/1/78 at 2345-0715, Fourth Test 7/1-12/1 at 2345-0715, and Fifth Test 28/1-2/2 at 0015-0845. JM

WEST SAHARA Radio Villa Cisneros in the former Spanish Sahara and now in the area controlled by Mauritania, has been renamed Radio Dakhla and relays Nouakchott 1200-1355 and 1930-0000. Channels are 998 and 9610kHz. Reports should be sent to Radio Mauritanie, P.O.Box 200, Nouakchott, Mauritania. Saleh SCDX 20/9

RADIO VERITAS latest sked is 0100-0200 in EE on 11725 & 15135; 0200-0230 Telegu on 15135 & 15280; 1230-1255 JJ 9640; 1300-1325 Thai and 1330-1400 Sinhala, both on 11955 & 15215; 1400-1500 EE and 1500-1530 Tamil on 9605, 11955, 15215. PO

TURKEY according to an article in the Istanbul newspaper 'Hurriyet' of 29/8, only the Turkish Radio & TV organisation TRT is authorised by law to broadcast. Certain radio stations were listed as contravening the law, including Ankara Police Radio, Istanbul Police Radio & the Voice of Meteorology. BEC MS

KTWR GUAM's sked from 6/11 is 2100 GMT on 11705, 2200 on 11705 and 15175, 0000 on 17830 and 17855kHz. Gavin Waters In a letter to the Times, TWR Guam asks that their appreciation be passed to League members for their interest & help.

PARAGUAY Radio Nacional Asuncion will operate a 100kw transmitter on 9735kHz in the near future, as well as 920 MW with this power. Tuner SCDX. A music prgm noted 6/9 at 1350 GMT per BEC MS

NEW ZEALAND RADIO DX LEAGUE

ADMINISTRATIVE OFFICE

P.O. Box 1313, Invercargill

All matters 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 & distribution of the Times should be directed to Wellington.

Closing date for contributions is usually 5pm on first Monday of the month. Advertising: 50 cents for up to 30 words. Other rates on request.

ANNUAL SUBSCRIPTION: NZ\$5.00

Joining fee surcharge of \$1.00 for new members only. Overseas rates available from Invercargill.

SWAZILAND Radio SR (formerly Swazi Radio) has extended transmission time in the morning, being noted before 0400 on 3223kHz with Radio Truro pgms. S/on is possibly 0300. Colin Miller

VOICE OF PEACE, Box 4399, Tel Aviv, Israel is reported on 6242 with 10kw from it's seaborne location off the Israeli coast. The MW frequency has changed from 1540 to 1538 and power increased from 50 to 80kw. Barth SCDX DJ Keith Ashton is now back in Australia after a stint on board. "Peace" is on-air 24 hours a day with format of Top 40 and oldies. Abie Nathan's project to promote peace in the Middle East is now 5 years old.via W.Lashley

FEBA SEYCHELLES English sked is 0630-0815 on 15160 ex 15190, 1530-1640 on 9545 & 11865, 0040-0150 on 6185. PO

HAWAII KAIM 870 has requested a power increase on MW from 5 to 50kw with a directional beam from Molokai Island to the South Pacific. The religious broadcaster has also been granted a 100kw shortwave transmitter on Maui, but is seeking 1000kw! David Walcutt per Glen Hauser's DX Rpt via ROI 6/71

RADIO JAPAN is to improve reception of its broadcasts in Europe by renting the facilities of Radio Trans Europe at Sines, Portugal beginning late 1978 subject to budget approval. T.Ohtake & I.Ugasa via NASWA Listeners Notebk.

GOOD LUCK TO ALL MEMBERS WITH EXAMINATIONS THIS MONTH!