

NEW ZEALAND DX TIMES

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RADIO NEW ZEALAND EXTERNAL SERVICE, SHOCK CLOSURE.

The External Shortwave Service of Radio New Zealand, affectionately known as 'The Penny Whistle of the South Pacific', is no more. In the Government's latest round of economic cuts announced on 28 April, the Foreign Affairs annual grant of NZ\$300,000 to Radio New Zealand, to operate the External Service was cancelled. With somewhat indecent haste, the transmitters were shut down 4 days later, at 1140 GMT on Saturday 1 May - so for practically all overseas listeners, there was no opportunity to react to the closure. It would be easy to say that it's too late to do anything, but for the NZ Radio DX League, the reinstatement of a shortwave service from our country will be our cause as long as necessary.

Certainly the shock decision has already resulted in significant public concern in NZ, which is encouraging when one considers that very few would have been aware of the operation of the External Service. Even with an overshadowing mini-budget, media coverage has brought the issue into national prominence. Arthur Cushen was interviewed on 'Morning Report' on 29 April and the Editor of the DX Times on TV1's 'Tonight' programme the same day. Newspaper editorials and Letters to the Editor columns have also featured public reaction against the move, mainly challenging the economic 'justifications'.

At \$300,000 per annum, the operation of the External Service could hardly be considered as a financial burden on the country. What has been saved? In fact the real money saving to the country is much less - Radio NZ will now have to find positions and pay the salary bill for the 9 staff involved, and is also expected to maintain a news service to the Pacific by telex etc. But who can put a price on the value of our...

continued page 2.

Inside.... +More on the closure of RNZ.

- + NEW HEBRIDES BREAKAWAY RADIO - THE FULL FACTS!
- + Tentative schedule for BBC/DW RELAY - ANTIGUA.
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PROTEST.

The SWL and DXer best know the benefits of shortwave radio in furthering understanding between nations and presenting a country's point of view on the world we live in. We best recognise the 'intangible' value of international broadcasting.

If, like us, you consider that NZ needs a shortwave voice, it is important that you make your concern known to the authorities!

In 1968 the Canadians made a similar uninformed move to close the CBC International Service, but such was the protest from the DX and SWL fraternity worldwide, the Government reversed their decision and subsequently upgraded the Service with new high-power transmitters.

It's not too late to make a protest! Address your letter to the Minister of Foreign Affairs, Parliament Buildings Wellington 1, New Zealand.

CLOSING DATE FOR NEXT ISSUE: 5pm TUESDAY 8 JUNE (Day later due holiday week-end). DETAILS OF YOUR DX, QSL's, BEST-OF-MONTH ENTRIES, LADDER TOTALS TO P.O.BOX 2956, WELLINGTON, NEW ZEALAND. 60 METRE BAND SURVEY (1-8 JUNE), SEND IN DETAILS OF YOUR LISTENING NO LATER THAN 11 JUNE. BEST OF DX!

FROM THE BRANCHES 2

SOUTHLAND The April meeting was held at Eddie MacAskill's with 11 present. Correspondence, reports from committees, comment on reception conditions, DX tips and loggings were the major business of the evening. Competitions - ECB, Ray Crawford HJAR Cartagena 1270 1kw, also merit with HJAD 1330 1kw. Rest of the World Eric McIntosh JORF 1420 30kw. SW to Wyn Machon with Congo 4843 and Paris 21580.

WELLINGTON 10, including visitor Sean Wakely visited Quartz Hill Receiving Station for the April meeting. Brief business resulted in the following changes in the Branch committee as a result of Nigel Robins moving to the Thames Valley and Brian Oliver to Keri Keri. Secretary/Treasurer Paul Rawdon, "Capital DX" Editor Rolf Huyser, Competitions Judge Michael Cundy. The Branch will write to the Government protesting the closure of Radio NZ's External Service. Main feature of the meeting was an informative chat with Alan Hay, Superintendent at Quartz Hill, followed by a look at the receiving equipment. Next meeting will be at John Mainland's, 30 Burrows Avenue, Karori at 8pm Friday 28 May.

WAIKATO/BAY OF PLENTY A branch meeting is scheduled for 11am on Sunday 9 May at Matamata. (Colin, this all that was included in telegram, a line missing? Ed)

ATTENTION BRANCHES - WILL YOU BE MAKING YOUR PROTEST AT THE CLOSURE OF RADIO NEW ZEALANDS EXTERNAL SERVICE? LET THE GOVERNMENT KNOW YOUR CONCERN!

Editorial (continued from page 1) ...External Service in money terms? Why does any country maintain and improve its international broadcasting operation? All over the world (except NZ!), governments continue to recognise the importance of this form of communication - with expatriates overseas, with neighbouring countries. There are very few countries without an effective international radio voice; undoubtedly the audience that Radio NZ has built up in the past 28 years will find a new allegiance.

Admittedly we've never been in the big league, preferring to concentrate on being a regional shortwave broadcaster, transmitting 19 hours daily to the Pacific Islands, Australia and Antarctica. The service began in 1948, using two 7.5kw AWA transmitters built in 1945-46 and located at Titahi Bay, some 15 miles north of Wellington. The need to upgrade the service has been under consideration for some time, and the 1973 Select Committee on Broadcasting recommended two transmitters of 50 or 100kw, an overall reorientation of programming aimed essentially at reaching local communities in the South Pacific, and designed to stimulate a wider interest in NZ. As a result of initial criticism of the axing of the External Service, Broadcasting Minister Templeton termed the closure 'a breathing space', in which government would consider a new external service with improved equipment.

But in closing down our shortwave operation, the Government is not only losing an audience that will be difficult to reclaim, but also it is disbanding the small but dedicated group of broadcasting personnel responsible for our overseas service. We pay tribute to their dedication and efforts in the past and hope that they may find a similarly rewarding career in other areas of broadcasting. Meanwhile, it is important that the Government be made aware of the value of an international shortwave voice for NZ, and we hope that many SW listeners in this country and around the world will make their concern at the closure known. Only in this way can we hope for any early reconsideration by the Government.

For the League, the closure of the External Service means that, after 16 years, the monthly broadcast 'Arthur Cushen's DX World' has come to an end. Even the National all-night programme repeat has been dropped. We thank Arthur for the valuable contribution to the hobby that the programme has made through the years, and hope that his long-running "Listener" column will continue for many years to come as the League's main avenue of publicity.

To conclude, we strongly regret the Government's short-sighted action in cutting the External Service and would urge its retention until such time as an improved transmission facility is available to upgrade the operation.

BROADCAST DX 3 with Bryan Clark

- +Conditions on medium wave continue to produce some very good catches for the regular listener. Europeans are coming in remarkably well in the dawn period with your Editor following TWR via Monte Carlo 1466 through to fade-out at 2020 GMT on several mornings recently. For those who haven't tried, we suggest you check out the following frequencies between 1800 and 1900 GMT:-
1570 Deutsche Welle via Malta with familiar interval signal just before 1800;
1554 Telediffusion de France, Nice in French; 1546 Russian Foreign Service;
1529 Vatican Radio - familiar interval signal every 15 minutes; 1466 Trans World Radio via Radio Monte Carlo with religious programming in various languages, always French from 1930; 1345 Radio Kuwait in Arabic; 1259 VOA Arabic Service from Rhodes, Greece. If you can hear all these, there are plenty more! Sunday morning (NZT) has NZ and Aussie stations signing-on later so is worth getting up for. Remember, if you don't hear anything first time, try again and again. Unlike SW, MW reception alters quite significantly from day to day, and perseverance is the hallmark of the serious BCB DXer.
- +Australian Scene: 2WA Wilcannia was commissioned on 11/12/75 with 100 watts on 1570kHz. The station relays 2NB and carries ABC South Australian Network. Broken Hill local news is aired at 0855 GMT. 3MT Omeo 720kHz is also on the air (2kw), carrying the ABC Victorian regional programme. 5AU 1450 will move to 1240 within 2 or 3 months with a directional antenna to protect 3TR. Power remains 2kw, but location will be moved 10 miles south. Chris Martin
2BE 1480 and 3GL 1350 are to increase power to 5kw directional. 2BE will also change frequency. Projected 3MP will probably use 1380 rather than 1370. 3CS 1130 is troubled by QRM from 3EA 1120 so a frequency change could be a possibility. I. Stanley Tune In.
- +Further to last month's info, 1000kw Radio Millon, Costa Rica is planning tests on a new frequency to replace 625kHz. Transmitter modification will take about 2 months. IRCA/NRC member Ron Schatz was verie signer for the earlier tests - his address is P.O.Box 592814 AMF, Miami, Florida 33159, USA.
- +WXLE 1385 soon to go? In a QSL letter dated 18/12/75 to IRCA member Jeff Brasier, the Station Manager Max Chapman stated that Canton Islands USAF Radar Base was being phased out, and he was leaving the island along with many others. From 7 January, WXLE was to be run on a voluntary basis, so broadcasts were expected to be 'sporadic at best'. Well, they're still going strong here most evenings. In fact Max Chapman was the announcer on 1 May, but it was more than likely the usually taped format as things do sound somewhat repetitious when I come to think of it. Thats automation!
- +Finally a tip from Wally Singleton in the May 'Tune In'. AFRTS Finegayan Naval Base, Guam with 50w on 1550kHz is reported closing down at 1600 with SSB.
First out of the Mailbag is....
BRENTH ALLRED, Motueka has reports to 12M, 2NC, 2W, 2B, 4XO and Fiji 560.
ROD SAINTY Auckland reports hearing 6WF, 4QR, 2CR & 3WV. Rod - your 1580 is The Voice of Free Asia, Thailand with VOA relays. Has EE to 1600.
L.MATHIESON, Paeroa has Veries in from 2FC, BL, GB, UE, UW, CH & 1XB 950. Reports out to 2KY, SM, JJ, CY and 2ZE.
BRENTH ALLRED again, with a QSL from Radio Windy. Sorry I missed it out!
LAURIE BOYER, Invercargill continues to build the total with QSLs in from 2KP, NA, 4BK, 5AA, 6DL, DILA & VOFA 1580. Logs - Iraq 908, Qatar 952, Abu Dhabi 850, Oman 700 (BEC 701 Laurie?) Iran 634, Saudi Arabia 647, Israel 737, Egypt 773, 818, 710, India 580, 6WN, Kuwait 1345, Libya 1052, Israel 656, Libya 674 and Algeria 529. Busy!
BRIAN WITHERS Christchurch has QSL'd Windy 1080 and reported 5AA.
PAUL EDWARDS Wellington has been on the SW bands so only QSLs - KOB, KING.
GFAEME BAMFORD Tauranga is 'on the ball' with logs of 2ZE, YA, ZH and 4QR. QSLs from 2YA, XW, ZC, ZE, 7HT, 3SR, 4YW. Sorry to hear about the rugby injury.
ARTHUR CUSHEN Invercargill has veries in from KMPS, 4NA 830 & 5AA. Reports to Funafuti 580, Nice 1554, HJCV 1190 Colo Colo 1380, Batra 1106, JORR 740, Quazvin 557, Beromunster 1562, Darya 1190, Qatar 996, Syria 827 & Alexandria 1196. (Do you mean 1198 or the new hi-power Iraqi on 1195-1196 Arthur?)
TONY KING Wellington - HCUM2 out.

DES DAVEY Te Kuiti has 3 good QSLs: 4
Cook Islands 600, Bosom 950 and New
Caledonia 670. Thanks Des.

MERV BRANKS Invercargill has reported
2TR, JOFR, Tuvalu, DWRP, 3EA and
Cordillera 1190. Verified are 2XG,TR
4NA,WP, 5AA & KFAC. Yr notes post-
marked 4pm 2/5 and collected 5pm 3/5
Merv. Good luck in Dunedin!

ASH NALLAWALLA, our lone Dunedin con-
tributor this month has QSLs from 5AA
VOA Poro 1140 & 4NA.Re Continents
Listings, I seem to recall your head-
ings were astray/out of order,sorry.

PAUL ARONSEN Invercargill advises
logs as MCD,GR, Avon, Whakatane, 2LT,
1YE,ZK, KHVH. Veries are 2MW, 4WK,BH,
Avon, 3ZO,HA, 5AA, KHVH & KXYZ. Your
April notes definitely not to hand
Paul. Thanks for comments.

BRYAN CLARK Wellington has reports to
HCRH2 Huancavilca 605, JOFR, 3AW, TWR
Monte Carlo 1466, Berlin 1511, Vidin
1223 & Colo Colo 1380. QSLs CSB5 Por-
tugal 1578, KOHU 1360, 5AA, 3AW.

BRUCE OFFICER Christchurch has logged
4QR and verified WLAC, WBZ, KOB,KPOL.
Bucharest & Peking QSL'd on SW. Pse
submit each section on separate paper
Bruce. Ditto for ladders which
appear every second month only.

BRUCE CAVANAGH Invercargill has 14
out - 5AA, 2ST, MG, LF, PK, KUAM, China
615, KGIL, Cook Is 600, KRVN, 4GY,
3CV and Fiji 730. Veries 7HO, KGIL,
Malaysia 1220, KOB, 4BH, YQ, MB, 2AD, VM
and CFRN, Windy. Yours lost too??

DENE LYNNEBERG Wellington has nil in,
but 2 out - JORR, 5AA. Best wishes
with the DWS, DXs, DYs and DZs Dene!

DAVID RICQUISH Christchurch has log-
ged KRLD. QSLs 4BH 880, 5AA. On be-
half of all League members, best of
luck to David & Craig Crawford on
their US holiday during May/June!

SUTTON BURTENSHAW Invercargill has
tried DX at home and been more than
satisfied with Yemen 755, Iraq 760,
4NA 830, Istanbul 1016, HCUM2 1270,
HJNF 1200, HCRH5 605, KUOR 1430.
Veries 4BH 880, 2CC, 5AA, YVRS 1020
(very rare Sutton!), HJLK 1230 stat-
ing pwr as 10kw.

CHRIS MARTIN, no.1 in Sydney, NSW is
still dragging 'em in. Reports 6PR, PM
Yunming 1210, 2WA, Luanda 1088, 1367,
Syria 827, Belgrade 1007, Malacca
1005, Dushanbe 1160, Tashkent 665,
Baghdad 760, Gauhati 730, Suva 710,

...JOHP, Kaunus 1385, 3CS, TR, 74N,
5AU, AD, MU, SE, KA, LN. QSLs Yunming 1210
in 2 wks! 5AA, KSTP, KTWO, Istanbul
1016, 6PR, Paradise 1265, Port Vila
1420 after 4th try. Phew Chris!

PAUL ORMANDY Oamaru, as prolific as
ever with QSLs - 6DL, JOQM, IR, CFRN,
2XW, KVEN, 4WK, 2KM, Turkey 1016,
KNDI, 5AA, WOAI. Why didn't you put
KVEN in as B.O.M entry Paul - worth
136 pts! Logs KXEN 1010 (good!), KTRH
OAX4U 1010, Colo Colo 1380, Calida
1230, Campesina 605, Colosal 1005,
CMJG Relogio 1269, HJED 820. Wish
they all came back Paul. Pse keep
SW & BCB B.O.Ms separated.

PETER MOTT Christchurch has QSLs in
from KNX and WVUV.

ROBIN CHAMBERS Opanake says a Bever-
age is unbeatable and proves it with
logs of Tirana 1394 (long path), 5AA
Aleppo 746, AFRTS Okinawa 650, 4NA,
HJEL, Diyarbakir 1061, Italy 1578,
Abu Dhabi 728, 7ZR, OAX6P Radio Lat-
ina 1305. Veries in from 2ZG, 120,
Funafuti 580, 5AA, Capital Radio on
1546. Great Robin! Capital advised
that their signal is beamed south.

PAUL RAWDON Lower Hutt has QSLs from
KPOL, KDAY, KFRE & KFBK (at last).
Hibernating for the winter Paul?

ROBERT SCOTT Te Aroha, in between
study & exams, has noted Sharjah
1575, XERF & KCCN (most likely 1420
Robert) Yr unid 19mb most likely of
European origin at that time of day.
No clues as to 800kHz unid. Enjoy
yr New Caledonian holiday!

LEONARD ROSE 230 Morningside Road,
Whangarei is constructing a MW loop
to use with his Grundig Satellit
2000. He would like to hear from
other League members using this set
and also from DXers in his area.

RAY CRAWFORD Invercargill just makes
it with veries in from 5AA, Kirkuk
1360, Tirana 1394, Bordeaux 1205,
Strasbourg 1277, HJAR 1270, HJAD 1330
Reports to KOXR 910, WXLG 1220, Italy
1115, Dushanbe 1160, Excelsior 1360.

BEST OF THE MONTH

SENIOR: Ray Crawford, Invercargill
HJAR Cartagena, Colombia 1270 1kw
Runners-Up: Capital Radio, London
1546kHz 100kw & CSB5 Portugal
1578kHz 10kw - R.Chambers, B.Clark
JUNIOR: Paul Ormandy, Oamaru
CFRN Edmonton 1260kHz 50kw.

BROADCAST TRAIL

MORNING

5

EVENING

- 550 K TSA pops, wx, vg 0610. BC
 590 CMW with "La Voz de Chile Libre" prgm exc in SS 0615. BC
 605 Huancalvica regular 0615 RCh 0632 to 0744 15/4 fair. BC
 Campesina fair 0557. PO
 610 HJKL fair, 2FC null'd 0630. RCh
 KUAM weather, good 0924. BC
 620 HJED Radio Ciudad de Cali 0553-0611 mixed unid US 31/3. RCh
 675 Sonora, Costa Rica briefly 0550. BC
 725 Unid with piano mx 0650 31/3. RCh
 737 Weak SS here 0650 31/3, 0605 1/4 " 740 KTRH s/off 0600 with full id. PO
 750 HJDK Caracol idents 0633 18/4 BC
 773 Unid SS 0610 2/4, 0537 27/4. RCh
 800 XEROK "X-Rock 80" good 0604. PO
 810 Sutatenza s/on 0858 thru ABC. BC
 820 HJER Voz de Rio Cauca 0605 gd. PO
 854 OAX4A "Programa Buenos Dias" 0935 most regular Latin now. BC
 869 Filipino fair Tagalog 1045. RCh
 910 KOXR EE s/off after SS 0800 Mons. 945 Nth Korea good 1015. RCh /RCr
 Unid SS poor 0640-0643 3/4. RCh
 1005 HJJR Colosal fair 0611. PO
 1010 KXEN s/off 0629 good PO (Is sked for daytime ops only? Ed) /BC
 OAX4U good 0549. PO. Over NZ 0623
 1030 WBZ good & clear 0520. BC
 1034 CSB2 Lisbon good 0535. RCh
 1090 Chinese dominant 1015. RCh
 1091 Unid SS here 0628. Also 1097-98 fair 0651. 1110 at 0640. RCh
 1230 HJLK Calidad fair 0542. PO
 1223 fair sigs Bulgaria again 0525. RCh
 1269 CMJG nx, time every min, 0614. PO
 1305 OAX6P Radio Latina 0439-0512. RCh
 1320 OAX4I La Cronica good 0450. RCh
 1335 Unid Latin s/off 0603 good. PO
 1360 Excelsior good 0515-0700. RCr
 1385 WXLE still regular 0930. BC
 1394 Tirana weak-fair but clear 0502-0531 23/4. Int sigs 0528. Fab! RCh
 1430 KUOR 0600-0730 presumed call change for KOSI as many ment-ions of Denver. SB
 1446 Unid Latin peaking 0544 1/5. BC
 1466 Monte Carlo good 0445. RCh 0527. BC
 1475 Unid SS fair here 0443 23/4. RCh
 1490 R. Imperio fair-exc 0415-0500. RCh
 Unid SS s/off abt 0600, 26, 29, 30/4
 1519 Unid SS with freq t/chks. RCh /SB
 (Radio Minuto, Baranquilla, Robin?)
 1530 XEUR "Radio Onda" vg 0535. BC
 1550 Unid SS fair 0540 1/5. BC
 1570 "Radio Norfolk" id vg 0526. Mx. BC
 CHUB good with PSA's 0917. BC
 1580 XEDM full id over KDAY 0600. BC
 1600 SSB 0510 after rlg 19/4. RCr
- 590 Strong JJ 1826. JOAK allnight? BC
 612 Iran fair 1835. RCh 580 fair 1730 RCr
 650 FEN Okinawa good 1825. RCh 1900. BC
 656 Possibly Israel fair 1910. RCh
 674 2 Arabs mixed 1815. RCh
 683 Russian //746 good 1820. RCh
 692 Baghdad exc 1910. RCh
 701 BBC Masirah exc in AA 1905. RCh
 740 JORR ident 1730, good, advts. AC
 773 Cairo exc 1845. RCh
 770 Iran fair 1845 but erratic. RCh
 827 RR here 1830. RCh. (1200kw Syria now on this freq too, per BBC MS)
 854 Bucharest good 1915. RCh
 872 Possibly a Russian, good 1830. RCh
 885 Damman fair signal 1835. RCh
 926 Izmir good 1855. RCh
 998 Kishinev //1016 1905 31/3. RCh
 995 Qatar EE nx 1700 till s/off 1712. Best Sunday morns with 12D off. AC
 1016 RR Home Service Nx over Turkey 1908
 1034 Unid AA still here. Fair till s/off 1902 with anthem. /BC
 BC
 1038 Babylon very good 1915. RCh
 1052 Tripoli mxd Iasi 1908 12/4. RCh
 1061 Diyarbakir exc 1859-1925, 22G null " 1088 RR Home Service very good 1909. BC
 1106 Cairo excellent 1930. RCh
 1115 Italy fair-good, ident 1900. RCr
 1160 Dushanbe fair in AA 1830. RCr
 1124 Sofia, Bulgaria exc 1905. RCh
 1223 Vidin 1818-1848 fair. BC. 1910. RCh
 1259 VOA Rhodes AA very good 1855. BC
 1277 Russian fair 1840. RCh
 1331 Rome good 1840. RCh
 1340 Iran? mixed an AA station 1830. RCh
 1367 Kremlin Bells 1830 then CC pgm. RCh
 1394 Tirana fair 1800 31/3. RCh
 1457 Rumania good 1840 6/4. RCh
 1466 TWR Monte Carlo regularly strong. FF from 1930. Faded out 2020. BC
 1511 RBI Berlin FF 1847, Italian 1900. BC
 1562 Beromunster fair-good 1825. RCh
 1594 Arabic here 1830 12/4. RCh

CONTRIBUTORS: Robin Chambers, Bryan Clark, Ray Crawford, Arthur Cushen, Paul Ormandy, Sutton Burtenshaw.

AUSTRALIAN TRAIL from Chris Martin, NSW

- 570 Suspected Laos mixed 2YA 1805.
 603 Sri Lanka exc with mx 1650.
 827 New Syrian vg 1847 with Koran.
 836 Russian very good 1800.
 944 Russian here too 1840, fair.
 1005 Malacca vg s/off 1630. Koran rdgs.
 1007 Belgrade good with jazz 2045.
 1376 Swaziland fair EE religious 1900.
 1385 RM Kaunus in Italian 1830 mxd Grk.
 1412 Yugoslavia after BBC off 2030.
 1475 Diego Garcia EE pops weak-fair with USSR looped.

Sorry thats all for this time folks!

6 canam DX NEWS FROM THE AMERICAS

SUMMER TIME. Cuba is GMT-4 until 26/9. Chile is back on standard time GMT-4.

PARAGUAY. Radio Primero de Marzo has begun experimental broadcasts 0800-0500 on 780kHz with 25kw. All above BBC(c)

CAYMAN ISLANDS. Radio Cayman will commence broadcasting in a few months on 1555kHz 10kw and 1205kHz 1kw. See WRTVH for full info. Rob Keeney IRCA

COLOMBIA. HJBV Radio Canoa, Cartagena on 7505kHz ex 1542. Radio Galeon, Santa Marta 1450 with 5kw is new. Also new is La Voz de las Islas, San Andres 1080 and La Voz de la Victoria, Cartagena on 1140.

- USA
870 WHOA PR sked 0400-2302 EST.
910 KISN Vancouver, Washington may be off due licence cancellation.
950 CP granted for Helena, Mt 5/5kw. &
1020 KGBS Calif is NBC network.
1050 KPXE Tx seeks 2.5kw & 1110kHz.
1080 WVCG Florida seeks 50kw days.
KRLD takes Ai, CBS & Mutual nets.
1150 Valley Radio Corp, Long Island, Alaska requests 5kw U.
1190 KOKK Huron, Sth Dakota approved.
1270 KSCB Kansas is CBS network.
CHAT Alberta s/off 0300 ELT.
KDJI Arizona Ai network.
1300 WIBR Louisiana 24hrs NSP.
1320 KOZY 213 1/2 Nth 1st Ave West, Grand Rapids, Mich, 55904 U2 5/5kw, Sked 0730-0000 ELT, Mutual network.
1330 KFH Kansas 24hrs SP MM 0205 ELT.
1360 KSCJ & KOHU are both Mutual net.
1380 WICY location now St. Petersburg-Tampa, Florida 5kw/5kw. &
KZUL Arizona CP 2.5kw D1.
KOTA Sth Dakota s/off 0115 ELT.
1520 KYXI Oregon slogan "KIXY".
WANR Ohio is 24hrs. SP on MM.
1530 WTTI Dalton, Ga 10kw D testing hrd at 12.57-2.27 ELT.
1540 KRXV Texas ex KBUY since 1 Feb. Is now NIS net. Ids as "News Radio 15"
Credit items marked & to IRCA. Others all courtesy NRC "DX News".

WINDWARD ISLANDS. Radio Jumbo on 550 ex 1150kHz. SCDXers

TONGA Radio Tonga began operating in 1961 with 10kw on 1020, and is audible in Fiji, NZ and Samoa as well. The island is 13 hours ahead of GMT. Since 1965 it has been an independent statutory body. Prior to that Radio Tonga was a government department. There is a staff of 22. New cartridge machines and a console were recently provided to the station by Britain.

AUSSIE MEMBERS. Chris Davis, P.O. Box 46, Featherston, NZ wishes to exchange tapes of ABC FM stereo - reel-to-reel or cassette. He can offer FM stereo Capital Radio, London programming in return.

ELECTRIC PACIFIC was the title of an ambitious and most successful radio programme broadcast over the Concert Programme recently. Producing was a former League member Martin Hadlow. The programme linked communications people in various parts of the Pacific, from Hawaii in the East to New Guinea in the West. During the discussion there was much info of interest to the DXer. Some of these.....
FIJI In 1936 AWA opened station 2JV, the second Pacific Islands radio station (a small commercial station had been set-up in 1935 in Port Moresby). The Fiji Broadcasting Commission was formed in 1954 and now has 10 MW and 2 FM stations. The FM stations are experimental from Suva and carry all EE programmes. FEC has 120 staff and carries frequent news bulletins to satisfy the strong interest in news. 300 islands in the Fiji group, spread over 300,000 sq.m make so many stations necessary. FEC currently costs \$1 million annually.

NEW HEBRIDES Radio Vila's SW transmitter has a choice of 3 frequencies.

PAPUA-NEW GUINEA The NBC has 9 National and 17 Provincial stations.

MICRONESIA Government owned stations are operated on the major islands. VOA shortwave news is relayed.

COOK ISLANDS Programmes are broadcast 9 1/2 hours a week with a 10kw MW station and also low-powered SW outlets.

NIUE Broadcasting began in 1971. The stations slogan is 'Radio Sunshine'

HAWAII has 26 MW and 6 FM stations.

A Public Radio System is planned for AM & FM, to be on-air in a year or so.

NEW CALEDONIA FR3 France region 3, of Paris owns Radio Noumea. The station began in 1936. During WWII 'The Voice of France in the Pacific' operated.

TV began in 1965 and with relays at present under construction, total island coverage is expected in August.

50% of prgms originate in Paris, the balance locally produced.

NAURU radio station began in 1968. 24 hour operation. Has local news twice daily, woman's & sports prgms. Balance overseas originated - BBC, also some CBC and DW. Radio Australia relayed at all other times.

NA-GRIAMEL FEDERATION

Tanafo, Santo
New Hebrides

8
7

SCOOP! At last the full facts on the breakaway New Hebridean shortwave station first heard by Arthur Cushen on 20 January, and heard fairly regularly since, mainly in the 75 metre band. As a result of information contained in the Times editorial for March, Arthur followed up his earlier reports with a personal letter to Mr Jimmy Moli Stevens, President of the Espiritu Santo-based Na-Griamel Federation, which is seeking independence for the northern islands of the New Hebrides. In a QSL letter dated 21 April, Mr Stevens replied:

"The station of Radio Na-Griamel is situated in the village of Tanafo, in the hills, on the island of Espiritu Santo in the New Hebrides and broadcast every day of the week between 10.30 to 13.00 and in the evening from 1800 to 2100 (N.B. LST is 11 hours east of Greenwich) and is at the moment directed entirely domestic wise, although later on we hope to include both French and English programme for overseas listeners."

"We have for the moment discontinued our 7.12mcs transmissions and only on 3.9 mcs. Incidentally we will be moving back to 3975 again and are using an aerial power of 60 watts into dipole aerials. We are having proper QSL cards printed and soon will be able to verify reports by proper card."

"Very best wishes from all the people of Na-Griamel"

Signature, President Jimmy Moli Stevens



Congratulations to Arthur on his initiative in seeking out a QSL card and establishing the credentials of this broadcaster! BC has been pursuing clues also and had been in touch with a missionary recently returned from Santo, who confirmed the accuracy of the editorial feature in the March Times, and reported that Na-Griamel were headquartered in a fortified hill-top village on Santo named Vanavu. Clearly this is Tanafo. Official comment is still outstanding, with no replies to enquiries directed to authorities in Vila itself. But now we have the answers, thanks to the ingenuity and perserverence of League members.

OPINION

Some initial reaction to the shock closure of Radio New Zealand's External Service....

- + "The loss of Radio NZ will leave a huge gap in the listening habits of many Australian shortwave listeners. RNZ has been relied on to provide news from our closest English-speaking neighbour; news which is never carried by our local media. A truly tragic loss." Keith Barton, Southern Cross DX Club.
- + "Is it really necessary to save a paltry \$300,000 a year by curtailing overseas broadcasts by Radio NZ? How long will it take after these services are resumed to restore the lost audience - and goodwill - overseas? ChCh Press.
- + "Radio NZ broadcasts have kept us abreast with events in NZ and the World. The service has been very good and very popular. The cuts are unfortunate. We'll have to rely on the Australian Broadcasting Service now".
Mr Henry, Minister of Tourism, Cook Islands
- + "Unless the Government retains the new transmitters and equipment (requirement) on it's capital works programme, although the service itself may be in abeyance, there would be virtually no chance of reopening. Radio NZ would like to keep a foot in the door." Geoffrey Whitehead, Acting D-G, Radio NZ
- + "I'll be sorry to see it cut out. Many people listen to Radio New Zealand."
Trade Commissioner for Western Samoa
- + "Scrapping of the External Service was unfortunate. The service had a wide-spread audience in the Pacific Islands and it's popularity was reflected in the 6000 letters received by Radio NZ from overseas listeners."

P.J. Downey, Chairman, Radio NZ



May I open this month's page by thanking all those who have contributed to this column. Without your support there wouldn't be a QSL Review. A large bag full once again so let get right into it. This month's highlight comes from Paul Aronsen with the NHK Home Service relay on 3607.5 kHz.

ARGENTINA: Radio EL Mundo, Buenos Aires. 6120 kHz 10 Kw. QSL Card and car sticker all received in 5 months. (L.Robinson)

CHINA (People's Rep.): Radio Peking 15345 kHz. Light blue card featuring the Imperial Palace in gold with wave rings extending outwards intercepting RADIO PEKING in blue. Colourful Card received in 38 days. (P. Ormandy)

Tibet: Barry Williams comments:- 'After several months and several reports to Radio Peking attempting to get them to verify Lhasa on 4035 kHz, all I have ended up with is a normal Radio Peking card verifying 4035 kHz and a very pleasant letter which states "we are sorry to inform you that regional stations in our country do not issue QSL cards to their listeners" Over a period of time and several letters I had been trying to get Peking to type in the transmitter location. No luck so for the time being I only have Peking verified on 4035 kHz.' (Tough luck Barry, I had the same response for Lhasa with their own programming on 5035 kHz.)

CUBA: Voice of Vietnam via R. Habana. 11815 kHz. Certificate type QSL with information on front. No verie signer but Voice of Vietnam stamp. Also received postcards and stamps for English report and "gifts". Received in 3 months via Habana. (B. Allred)

ECUADOR: Emisoras Gran Colombia, Quito. 4910 kHz. Personal letter of verification with pennant from Eduardo Cevallos Castareda, Gerente-Director. Received in 10 weeks air for Spanish report and 3 IRC's. (M.Smith)



MATRIZ DEL TRIANGULO DORADO DE LA RADIODIFUSORA QUITENA - R. P. Q.
EMISORAS PROPIAS "GRAN COLOMBIA" - "LA VOZ DE LA DEMOCRACIA" Y "RADIO EL TIEMPO"
MATRIZ DE R. C. N. E. - RADIO CADENA NACIONAL ECUATORIANA

picture of 51 star announcers. (P.Aronsen. Great catch Paul. Hasn't been reported for ages.)

MAURITANIA: Radio Mauritania 4950 kHz. A yellow, white and black card with a tower, star and a boomerang shaped object and a black map of Africa with Mauritania in Green. Writing on card is in Arabic & French. Details on back of card. Report send in French without an IRC. QSL received in 5 months. (B.Vogel)

PORTUGAL: Radio Messias via Sines. 9670 kHz. White & Grey card depicting 'God looking down from Heaven'. Full details given on reverse side. Also included pamphlet in German giving religious information and schedule. Scheduled also via R. Luxembourg in Portuguese on Sats on 6090 kHz at 2130 GMT. Received by air in 6 weeks for English report and 2 IRC's. (J.Mainland)

QATAR: Qatar B/C Service 9570 kHz. Colourful card with full details on reverse. Shows picture of a young Qatari girl in national dress. Verie signer A.R. Madhadi, Director. Received by air in 1 month for English report and 1 IRC. (D.Lynneberg)

TURKEY: Turkish State Met. Station 6900 kHz. Verie form letter received in 28 days for English report with 1 IRC. (P.Edwards)

UGANDA: Uganda B/C Corp. 9515 kHz 250 Kw. Verification aerogram received in 38 days by air for English report with 2 IRC's. Verie signer is M.B.S. Mangan, AG. Chief B/C Engineer who also sked for reports on test on 11705, 11740, 11845, 15345 & 17815 kHz. (D.Lynneberg)

YEMEN ARAB REPUBLIC: Radio Sanaa 5805 kHz. Form letter verie with all details signed by Hussien Numi. Verie letter is in English. Received in 4 months. English reports sent without IRC's or other extras. (L.Robinson & B.Williams. What frequency Barry?)

YEMEN (People's Dem. Rep.): DYBS, Aden. Pink card with full details in English signed by Abdul-aziz Guaidi in 4 months airmail. Also sent attractive postcard and stamps in return for same sent from New Zealand. Reported in EE with 2IRC's and registered. (P.Clark)
Well that's it for this month. Thanks go to: Brent Allred, Bryan Clark, Paul Edwards, Dene Lynneberg, John Mainland, Paul Ormandy, Lindsay Robinson, Mike Smith, Barry Williams and from Australia our faithful reporter Bill Vogel in Adelaide. All the best. Section Ed. D.Lynneberg

Radio EL MUNDO

Buenos Aires-ARGENTINA



FINLAND: Radio Finland. 6120 kHz. black card with 'YLE Radio Finland' and map in blue on left. 'Four Seasons' at top and 'Winter in Finland' at bottom with a photo of a transmitter building covered in snow. Received in 18 days airmail for English report. (M.Smith)

JAPAN: NHK 'Shortwave relay service for domestic service' 3607.5 kHz. Radio Japan postcard received in 14 days which shows a

SPOTLIGHT ON INDONESIA

DUDXC members David Foster and Michael Willis of Melbourne made an eight week trek through Indonesia in December and January last. We carried full details on page 1 last month, but briefly summarising the MW aspect of their trip - Bandung has some 30 broadcast band stations, Jogjakarta 12, Surabaya 25, Medan 24, while smaller centres visited - Denpasar, Padang, and Bukittinggi all boasted a few. Using a cheap Sanyo transistor they gleaned valuable details from their listening, even though they were unsuccessful in obtaining official information.

The Head of the Voice of Indonesia in Jakarta said there are 60 private commercial MW stations in the capital city - certainly the number of stations heard was overwhelming. VOI receive 2300 letters per month in English, mostly from Japan. Additional MW stations is the current priority but SW outlets will provide a complimentary back-up until the transmitters 'fall to bits.' Concern with QRM to Australian MW stations from the new MW outlets should not eventuate as RRI has applied to ITU Geneva for frequency coordination. In Denpasar only three MW stations were heard - Radio Casanova 770, Radio Menara 1205, and Yuda Broadcasting Service 1600. Four stations were heard in Padang - Radio Erkatika, announcing 945, Radio Suara Mahasiswa Sumatera Barat 1070, Radio Suara Dembosgo 1300 and Radio SBS 1320. Beautiful Bukittinggi boasted three stations, an unid on 965, Radio Suara Mersi Niagavokadara 1395 (their news relay of Jakarta at 0500 had Peace & Progress in the background). Of the Medan stations heard, those identified included RRI Nusuntara 3 on 1010, Radio Bonsita 1035 and Radio Elderaba 1205.

According to the BBC Monitoring Service, Indonesia has 347 commercial, 38 non commercial, 92 regional government, and 48 RRI stations.

The Harris Corporation's Gates Broadcast Equipment division has completed shipments of the \$20 million 36 station package to Indonesia to be operational in September 1976. The package comprises eleven 10kw SW transmitters, one 50kw SW transmitter, three 50kw MW tx, 21 10kw MW tx and one 10kw FM transmitter.

Planned locations include: 1) Banda Aceh, Sumatra 50kw SW to serve far west of Sumatra. 2) Eleven 10kw SW transmitters at Bukittinggi, Bengkulu, Tanjung Karang, Palang Karaya and Palu (both currently 150 watts SW), Menado, Sorong, and Kupang. 3) At each of the above sites a 50 watt Harris FM transmitter will provide the studio/transmitter link and all sites will operate on diesel generator power. 4) Most of the MW transmitters will be located on the island of Java.

NASWA Hotline 4/76

PAGES FROM THE PAST

The Broadcast Best of the Month in the March 'DX Times' went to Sutton Burtenshaw with WHSL 250 watts in North Carolina - an outstanding entry considering today's DX conditions. Equally notable was Sutton's verification from WMBM Florida also 250 watts. It is many years since I can recall two 250 watt EST Yanks being received back in the same month. This feat did stir me into looking back through some DX Times published in the Fifties. In those years a 250 watt EST Yank was by no means a guarantee one would win the BOM. So keen then was the competition that one needed at least a northern EST Yank to have a show.

To illustrate the kind of entry one needed to contend with the competition, I have listed some BOM's taken at random from the DX Times through the '50's.

<u>Month</u>	<u>Winner</u>	<u>Station</u>	<u>Khz</u>	<u>Watts</u>
Nov. 54	K. Mackay	WQUA Illinois	1230	250
Jul. 54	L. Boyer	FEN Camp Young Japan	1570	100
Jul. 54	D. Frampton	WXRF Puerto Rico	1540	1000
Mar. 54	K. Mackay	ADK Aleutians	1580	250
Mar. 54	T. Manning	Heula, Spain	836	1600
May 54	A. Cushen	JOKT Japan	1560	50
Jan. 55	G. Beardsmore	WCMN, P. Rico	1280	1000
Nov. 55	M/Anderson	Srinigar, Kashmir	1490	250
(Comment passed by judges 'Amongst those that missed this month were a 300 watt Peruvian and several 250 watt Yanks.')				
Aug. 55	K. Mackey	WABL P. Rico	1240	250

<u>Month</u>	<u>Winner</u>	<u>Station</u>	<u>Freq</u>	<u>Watts</u>
Aug, 55	K. Mackey	WABL P. Rico	1240	250
Apl. 53	L. Boyer	ZQI Jamaica	670	5000
	K. Mackey	WKBI Penn.	1400	250
	(Jamaica tied with WKBI because this was the first time Jamaica had been heard in N.Z.)			
Apl. 54	Des Smith	East London, SA	1034	
Jul. 56	D. Frampton	Pretoria, SA	1439	2000
Jan. 56	M. Enright	WIRA, Florida	1400	250
Mar. 54	L. Boyer	WMOH, Ohio	1450	250
May. 55	L. Clayden	KSEW Alaska	1400	150
Sep. 53	A. Cushen	Mysore, India	970	250
May. 58	L. Boyer	KDMA, Minnesota	1450	100
Nov. 59	K. Robinson	KLGR, Minnesota	1490	100

The highlight of my delving back was found in the Times February 1954 when the following comment was made regarding that month's BOM Competition ".....Once upon a day South African reception was rare indeed and up until about two years ago the number of verifications held by New Zealanders could be counted on one hand. No so now. In the past 12 months prized verifications from the Union of South Africa have won the BOM on no less than five occasions. In fact last month there were two to decide from - and what a headache for the judges making this month's award. Among the entries were WMIA 250 watts in Puerto Rico, Camp John Hay 50 watts in the Philippines; BF Network 1000 watts in Austria, HJFR 1000 watts in Colombia, CKFH 250 watts in Ontario, KINY 5000 watts in Alaska, plus an odd 250 watt EST Yank for good measure. And the winners - Senior: Murray Lamont WMIA 1450 in P.R.; Junior: Eric McIntosh with CKFH Ontario 1400 khz." I'm sure we all agree that the quality of broadcast stations heard today compared with those heard 20 years ago is much lower, the standard of DXers today is high as it was then, and perhaps today dedication is higher. Of interest to me was how conditions are continually changing. The comment above on how South Africans were being heard again after many years; of the rarity of South Americans - whereas in recent years they fill a major part of the DX scene; the rarity of Alaskans, particularly in the South Island. Illustrating this again

was a comment in the Feb 1954 Times: "The first report of a European being heard in our evenings: Monte Carlo 1466." They also mentioned the recognised time for South American DX as being late afternoons, mid winter. That month DXers had been logging YVMR 1475 almost nightly between 8 and 9.p.m. Conditions were changing and still are - we may yet see the day when 250 watters are again a regular sight on the BC band.

Barry Williams, Auckland.



EUROPEAN MEDIUM WAVE NEWS



+ PORTUGAL Since 4 January Radiodifusão Portuguesa, the new state-run broadcasting service has taken over control of all Portuguese domestic stations except Radic Renascença, radio stations of limited power and those owned by foreign organisations. Radio Renascença apparently now broadcasts only with a low powered transmitter on medium wave covering only the greater Lisbon area. RP's new networks -

Programme 1: 24 hour service on former Emisora Nacional first network stations.

Programme 2: on FM stations only

Programme 3: 0500 - 0100 on Lisbon and Oporto stations of Radio Clube Portuguese and Radio Alto Douro.

Programme 4: on Radic Clube Portuguese FM stations.

BBC MS (c)

+ YUGOSLAVIA 683khz is now 1000 kw. BBC MS (C)

+ SPAIN Radio Algeciras now on 872 ex 1412 khz

BDXN via Sunspot

CZECHOSLOVAKIA Radio Prague's 'Interprogramme' 0630-1200 GMT is now broadcast on 1286 as well as on SW 6055 and 9505 Khz.

+ FRANCE Paris 1070 has closed down. Bastis now uses this frequency. Brest 1070 ex 1241. Nice 1403 ex 1484. Grenoble 1070 ex 1349. Sunspot.

+ ALBANIA The external service via MW includes -
1394 Khz 1700 Rumanian, RR 1730 SS 1800 RR 1830
Czech 1900 and Polish 1930.

1214 Khz: 1700-2000 in Bulg; Itali; Arab; Greek

1457 Khz: Relay Peking 1730-1800 in Turkish. BBC MS

Shortwave Mailbag

WITH TONY MARR

13

Place of honour this month must surely go to Dene Lynneberg of Wellington, who reports his 2000th verification to hand - a great achievement. Radio Oman has verified a good number of people this month, giving a good increase in the country totals. 50 metres is currently sporting a good selection of Africans, both morning and evenings, so why not have a look there in preparation for the survey over Queen's Birthday weekend? Now to the mailbag:

DES DAVEY Te Kuiti is first up with 1 out and QSLs from Budapest 9505 AIR 9912 RN 9715 NHK 15105 Lisbon 11905 SBC 15005.

BRENT ALLRED Motueka is next up with 24 out and success with FEBC 11980 P2K4 4890 Warsaw 7285 plus pennant RA 15140 15020 Bucharest 11940 Paris 9525 also with a pennant NHK 17825 Brasilia 11700 VOA 9540 Cuba 11760 RN Bon 11700 HCJB 11915 6100 Peking 9460 with a badge. You've been busy.

BRUCE CAVANAGH Invercargill has 10 out and replies from Moscow 17825 FEBC 6000 Bucharest 7195 VOA Monrovia 9540 Taiwan 15070 FEBA 9605 Tunisia 11970 ORF 17850.

PAUL RAWDON Lower Hutt has 11 away and QSLs from Vila 3945 Bougainville 3522 Brunei 7015 Ghana 4915 Oman 11890. Ta.

ARTHUR CUSHEN Invercargill has them back from Warsaw 7125 RA Shepp 15175 Messias 9070 VOH Malta 9605 DW 0995 Iran 17735 RNZ 11845 Tanafo 0952.Ta.

PAUL EDWARDS Wellington has two back from VOA Tangier 5955 Springbok 4810 plus pennant. Good.

KENZO KINOSHITO Tokyo in his first contribution to us tells of 12 QSLs. Welcome to the Times, Kenzo. Could you please tell us the frequencies of your QSLs; then we can list them separately. Thanks.

LES HING Melbourne has answers from RSA 15220 Peking 15405 Cuba 11815 Malaysia 15275 Bucharest 11940 RNZ 6105 RN Bon 9715 plus sticker and pin.

HANS DE JONG Tasmania has QSLs from TWR Monaco 7105 P2T9 9520 TWR Bon 9570 Talata 15165 BBC 15280 RNZ 6105 15100 HCJB 11805 NHK 15010.

BILL VOGEL Adelaide has 9 out and QSLs from Vila 3945 Yemen Aden 11770 NHK 15105 ORF 17785.

PAUL ORMANDY has logged 13 and has verifies from Vatican 9625 11790 RBI 7260 Djibouti 4780 WINB 11775 Riazan Moscow 17870 Oman 11890 RAI 11810 FEBA 9605 P2K4 4890 AFRTS 15000 RFI 6045 9585 9505 Tunis 7275 Congo 4840 4 from IBA RA Carn 9560.

LINDSAY ROBINSON Invercargill has 9 out and has heard from Tunis 7275 RN 5995 Korea 9600 Isreal 5900 Oman 11890 Malaysia 15275. Country total now up to 114. Very good.

BRIAN WITHERS Christchurch has QSLs from Singapore 11940 Korea 11850 RFI 11900. Ta.

PAUL ARONSEN Invercargill has 23 out and QSLs from Tunis 7275 11970 Chad 4905 HCJB 9760 Vila 4975 WINB 11775 Pakistan 9460 Congo 4840 BBC 3915 FEBA 9605 SBC 9725 IBA 17685 Kuwait 15045 ORF 17850. You've been fairly busy too.

DENE LYNNEBERG of Wellington but shortly of the Philippines has QSLs from Sweden 9700 RNE 11880 FEBA 11785 RNZ 15100 Rawalpindi 0400 for QSL no. 2000! You can slow down now.

RAY CRAWFORD Invercargill has 5 out and answers from LRA31 6060 Kuwait 15045 Iran 9022 FEBA 11715 Sofia 9550 9730 HJAX 6065 Oman 11890 Athens 7140 AIR Delhi 0295 Madras 9510 IBA 7412 17685 5950. Some good ones there.

BRYAN CLARK Wellington has 2 out to RNZ and one reply from Oman 11890 for country 159. And so the total grows....

JOHN MAINLAND Wellington has a QSL from Warsaw 3955 and one from ELWA 11865 to round off this page.

DES MILLS Dunedin in his first notes to us tells of 7 reports out and QSLs back from veritas 1510 AIR 9912 Warsaw 7270 Lisbon 11925. Welcome Des, and yes, your layout is fine; nice and neat too. Thanks.

JACK FARROW Lower Hutt has them back from IBA 5590 7412 Sweden 9605 SBC 6045 Cuba 11815 Norway 15175. Thanks.

PETER MOTT Christchurch has them back from RA 11885 9700 Bucharest 17790 15250 IBA 9009 TWR 11925 SBC 9590 Moscow 15150 11690 15280 9700 Praha 6055 Warsaw 7270. Yes, Noumea quite a solid signal here around 0700 GMT on 11710, with both French and English anns.

WYN MACHON Invercargill has QSLs from BBC Cyprus 21600 VOA Monrovia 0055 Praha 21700 SBC 21520 Kavala 7170 Moscow 7205 AWR 9670 FEBC 17810 IBA 5900 Tunis 7275 Congo 4842 AIR 9912.

The Republic of Ivory Coast is situated on the West Coast of Africa, with a population of approximately 5 million. Abidjan, the capital, has a population of 500,000. The modern radio building of Radiodiffusion Television Ivoirienne is located on the Boulevard de la Republique, near the commercial area of Abidjan. It has several studios, mainly equipped with Ampex tape decks and Schlumberger turntables. The first programme of Radio Abidjan was aired in 1954. Medium wave and shortwave transmitters are located at Bingerville, about 17km outside Abidjan.

The newsroom of RTI uses information gathered from various European telex services. Material from Radio France is often used in news programmes.



Abidjan is being heard in NZ just after 0600 GMT with a short French news bulletin, followed by typical African music, on 4940kHz, with reasonable signal strength and only a little interference from Radio Colosal, Colombia 4940kHz. Address for reports is - Radiodiffusion Television Ivoirienne, B.P.2261, Abidjan, Ivory Coast, West Africa. JM

BEST OF THE MONTH

OVER 9 MHZ

FEBA 9605knz 20kw
Paul Ormandy.

UNDER 9 MHZ

Result pending.

number of 250kw transmitters. These will supplement the two 250kw outlets already in use. In addition, a new multi-band, multi-directional aerial system is to be installed which will increase the radiated power. Project completion is set for 1982 but the first of the new 250kw transmitters will enter service later this year. (Puts NZ to shame! Ed) BBC MS (c)

SWITZERLAND

The Swiss PTT is currently working on an ambitious plan to modernize the Schwarzenburg station by replacing 3 100kw SW transmitters with the same 100kw SW transmitters with the same 250kw outlets

AUSTRALIA. On 13 April the Australian government announced a wide-ranging enquiry into radio and television, to review all the changes and initiative -s taken in broadcasting in recent years. Due for completion by August, it will determine if there is any need to change the structure of the ABC and commercial broadcasting. The government has made an assurance that the autonomy and independence of the ABC will be maintained. The ABC is suffering from budget cuts with a drop of almost a quarter in its annual government grant this year. The new-look Radio Australia since 2 May is evidence of this. The ABC's NZ correspondent John Cribbin is being recalled also as an economy move. Dxers Calling is now broadcast at 2040 Saturday and on Sunday at 0240 and 0840. Club Forum is heard on Friday at 2040, Saturday at 0240 and 0840. Brisbane no longer is used for the Papua-New Guinea Service. Write to Radio Australia, Melbourne 3000, Australia for the Transmission Schedule J76, effective until 5 September.

SHORTWAVE BANDWATCH



Coordinated by JOHN MAINLAND

Continued reception of Latin and African signals is reported on the lower frequency, with Azores 4865, reported by Wellington DXers, the highlight. As we go to press, there's news to hand of reception of rarely heard French Guyana and Martinique. Benin, formerly Dahomey is now well heard on 4870kHz. Radio Moscow and Radio Peking introduced new frequencies during the last month, for their services to Australia & NZ. Most international broadcasters will have changed some frequencies on 2 May.

DON'T FORGET OUR 60 METRE BAND SURVEY IN WHICH ALL LEAGUE MEMBERS ARE INVITED TO MONITOR FREQUENCIES BETWEEN 4700kHz AND 5100kHz BETWEEN 0400 TUESDAY 1 JUNE AND 2000 TUESDAY 8 JUNE (THAT INCLUDES THE QUEEN'S BIRTHDAY HOLIDAY WEEKEND). RECORD DETAILS OF ALL THE STATIONS YOU HEAR, IN BANDWATCH FORMAT, AND SEND YOUR CONTRIBUTIONS TO BOX 2956, WELLINGTON, NO LATER THAN 11 JUNE. PREFERENCE WILL BE GIVEN TO AFRICAN & LATIN STATIONS BUT EVERYTHING HELPS!

All times in GMT (Add 12 hours for NZT). Frequencies in kiloHertz.

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
3315	1009	MARTINIQUE	Fort de France	with FF anncts, Caribbean mx.4/5. DL Poor signal 1003 till lost under teletype 1015. FF tlc 5/5. BC	DL BC
3316	0657	SIERRA LEONE	Freetown	fair with BBC Nx relay 0700.	PE
3350	1815	GABON	RTV Gabonaise	FF ident followed by native mx. SLBS on 3316 also logged at 1858.	PE FO
3355	0800	NEW CALEDONIA	Noumea	with FF Nx good. DM.1044 FF play to s/off 1103 fair-good. BC. 1905 strong in FF with mx prgm.	PE PE
3396	1853	RHODESIA	RBC Gwelo	with EE anncts & orch mx, on 18/4.	PE
3425	1448	NEPAL	Katmandhu	with EE nx 1450 after id. PE.1442 EE nx good. 1400 poor in Nepali, appeared //5007. BV+ 1232 Mx requests.	PR BC a
3549	1354	TIMOR/INDONESIA?	Radio Dili	identification heard.	PR
3952	1857	IRAQ	Salmon Park	with AA Home Service .	PE
3955	0510	POLAND	Warsaw	in Esperanto, poor mixed US hams //7125, 19/4.	BC
3965	2023	FRANCE	weak in FF. PA	(According to TDF sked this frequency dropped for 7 March-1 May period. Ed)	BC
3965	1805	PAKISTAN	Islamabad	fair with nx till s/off with anthem 1810.	BC
3970	0515	GREAT BRITAIN	BBC London	with 'Good Ideas' prgm, good.	DM
3975	0956	INDONESIA	RRI Surabaya,	fair.	PA
3975	0815	NEW HEBRIDES	Radio Tanafo	back here 26/4. Full info elsewhere. BC	BC
3980	0430	WEST GERMANY	VOA Munich	good with 'Breakfast Show' in EE.	DM
3995	0500	WEST GERMANY	Deutsche Welle	clear signal with GG news.	DM
3385	0942	FRENCH GUYANA	(Late flash - sorry out of order.')	Radio France, Region 3, Cayenne in FF //4972 with splash Rumbos 4970.4/5. DL 0939 5/5 poor-fair till Rabaul dominant 0955. Mainly FF tlc. BC	DL BC
4680+	1108	ECUADOR	Radio Nacional Espejo	poor in SS with talks & ids.	BV
4765	0530	CONGO	Brazzaville	poor-fair with local mx prgm & anncts in FF. Slight teletype 3/5. Usually blocked by noise.	PE
4770	0555	LIBERIA	ELWA Monrovia	int.sig, poor. PR.0640 fair with Messiah choruses but bad heterodyne. BC. 1831 good 24/4.	PA BC
4775+	1043	INDONESIA	Djakarta	in Indonesian with old-time musicals, poor.	HGJ
4777	0520	GABON	Libreville	in FF with local mx, fair-good. PE.0526 poor.	PR
4790	0555	PERU	Radio Atlantida,	Iquitos at s/off.	AC
4770	1011	VENEZUELA	Radio Bolivar	very good in SS. Frequent ident.	DL
4781	0938	DOMINICAN REP.	Radio Norte	moved here. VG with SS songs.	DL
4870	0459	SOUTH AFRICA	SABC Springbok	Radio many advts in EE/Afrikaans, good with id "Wide awake to the sound of Springbok Radio". 2200 Springbok Radio signing off.	PE PA
4815	0600	UPPER VOLTA	Ouagadougou	poor with mx prgm & FF anncts. Het.	PE
4820	0500	UNIDENTIFIED	Latin American	hrd good 11/4 till t/out 0615. Numerous cuckoo clocks & ids like "Radio Potenté". Who?	DL BC

<u>FREQ.</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME & RECEPTION DETAILS</u>	<u>INITS</u>
4825	1818	TANZANIA	Radio Tanzania	weak.(Appreciate more pgm details)	PA
4830	2010	GABON	good.	(ditto, please Paul.Ed)	PA
4832	0715	COSTA RICA	TIHB 'Radio Capital'	frequent idents, pop mx.	RG
4835	2014	SOUTH AFRICA	SABC in EE, fair.	PA. 0515 classical mx, poor.	PR
4845	1030	BOLIVIA	Radio Fides s/on with	'Vatican' int.sig. AC 1036 good.	PE
4845	0502	BOTSWANA	Gaberones	poor in EE, copiable by 0513 with ident "This is Radio Botswana..." and Nx. No longer has BBC Nx at 0500. Reception spoilt by teletype 28/4. PE 0515 end local nx.	DL
4850	0647	DOMINICAN REPUBLIC	Radio Clarin	SS mx & anncts, fair.	BA
4850	1917	MAURITANIA	Nouakchott	with FF mx. FF news 1930, fair.	RG
4860	0345	USSR	Radio Moscow Foreign Service	in EE good over/mixed Chin- caycocha. Interesting to speculate as to location/propagation path. Rptd at 2300 in Aussie last year. RR H.S.4940 at 0400.	BC
4860	0411	PERU	Radio Chincaycocha	vg in SS with Latin mx prgm & ident.	PE
4865	0558	AZORES	Ponta Delgada	poor improving to fair with relays of Radiodifusao Portuguesa 26/4. May have been on early due Portuguese elections 25/4. PP Nx 0600, 0700. Bad splash at times from Chincaycocha. BC. 0600 PP Nx. DL. 0711 poor in // to Lisbon 11925. Hrd past 0800. PE. 0715 Nx relay then music.	PR
4870	1753	BENIN	Cotonou	fair strength. PA. 1823 very strong in FF. 100% copy with idents past 1930. No EE at 1920 as in WRTVH.	PE BC
4885	0350	BRAZIL	Radiodiff Acreana	fair with light orchestals. Het.	RC
4890	0315	VENEZUELA	Radio dif	Venezuela good with EE pops.	KCR
4890	2000	PAPUA NEW GUINEA	Port Moresby	s/on with all mediumwave freqs etc then EE nx vg //3925 fair. PE. 1240 Late night Sat. Show. HdJ+	PE
4904 ^{1/2}	1800	CHAD	Ndjamana	fair in FF. Nx 1900. RG. 0430 int.sig & s/on.	PE
4905	0800	BRAZIL	Radio Relogio	with pips & t/check every minute.	RC
4910	0508	UNID.	AFRICAN mixing	Gran Colombia with massive het. EE news so suspect Zambia. 10/4.	BC
4915	0830	BRAZIL	Radio dif de Macapa	fair signal. Lots of talk.	RC
4915	0545	GHANA	Accra	with relig. mx prgm to 0600 then EE nx, fair-good.	BCa
4920	0416	HONDURAS	Radio Progreso	vg with mx and idents.	PO
4940	0602	IVORY COAST	Abidjan	with FF Nx, then African mx, poor. JM. Slight splash from Colossal 4945. PE. 0625 Nx, mx in FF, poor.	BV+
4955	0443	COLOMBIA	Radio Nacional	exc in SS with id, frequent anncts & mx till s/off 0500 with anthem. PE. 0449 vg in SS.	PO
4965	0718	COLOMBIA	Radio Santa Fe	SS mx, many idents, good. BA. 0645 regular	PE
4970	0355	VENEZUELA	Radio Rumbos	good in SS. Other YV's hrd to s/off at 0400 Ecos del Torbes 4980, Juventud 4900, Universo 4880.	PE
4972 ^{1/2}	0517	CAMEROUNS	Yaounde.	Other Africans logged - Zaire 4880 0714, SABC 4875 0512, SABC 4810 0500, Gabon 4777 0535, Benin 0542.	PO
4980	1114	VENEZUELA	Ecos del Torbes	fair-good in SS. BCa. At 1019 these YV's hrd - Barquiseneto 4990 exc, Rumbos 4970, Yaracuy 4940, Unid with 'Banco Maracaibo' advts on 4910 good, Juventud 4900 exc, Universo 4880 exc, Lara 4800 exc.	PE
4990	0602	NIGERIA	Radio Nigeria	poor with EE news.	PR
5010	0441	PERU	Radio Eco	ident 0455 after mx prgm. 0500 s/off, anthem.	PE
5020	0925	SOLOMON ISLANDS	VQ05 Honiara	with Pidgin news.	RG
5025	0413	ECUADOR	Radio Splendit	very good with SS music.	PO
5040	0950	PERU	Radio Libertad de Junin	with s/off 0953. PO. Not Venez. Paul.	PE
5050	1803	TANZANIA	Radio Tanzania	at poor to fair level.	PR
5930	2008	CZECHOSLOVAKIA	Prague	with EE news. Closes 2027.	RG
5965	2130	HUNGARY	Budapest	with English Service to Europe.	AC
5980	1030	USA	KGFI San Francisco	vg with EE gospel programme.	JR
6000	0402	HUNGARY	Radio Budapest	with DX programme, good.	JF
6000	0500	AUSTRIA	Vienna	with GG ident. News, music, good. (10kw)	RG
6065	0336	SPAIN	Voice of Spain	with EE Nx, overall fair reception.	DN
6065	2200	SWEDEN	Stockholm	fair in RR to Europe. DM. News & id in RR.	BV+
6080	0400	EAST GERMANY	RBI Berlin	in EE with mixed prgm, fair.	DM
6130	0830	ECUADOR	HCJB rlg	prgm in EE, exc. DM. RG. BA. 0935 DX Partyline.	DN

* HAVE YOU PROTESTED THE CLOSURE OF RADIO NZ - SHORTWAVE? WRITE A LETTER NOW!

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITIALS
6145	0837	COLOMBIA	La Voz del Cauca	SS mx,anncts. Poor to Fair.	BA
6221	1830	AUSTRIA	OEY21	Austrian Army station s/off 1900 'Last Post'.	FE
6590	1230	CHINA	Radio Peking	with EE prgm till s/off 1255.	DM
7035	0830	CHINA	Peking fair	in EE to Aust/NZ to 1030. New freq 28/4 // 9375, 9460, 11445, 15060.	JM
7105	1900	MALTA	Deutsche Welle	relay clear signal with AA prgm.	RS
7110	0623	MONACO	TWR Monte Carlo	good signals. PA. EE religious pgm, vg.	BCA
7120	1313	KUWAIT	Radio Kuwait	vg with AA mx and talks. ECA. 1332 good.	PA
7125+	0720	GUINEA	Conakry	poor in FF with commentary (Cape Jervis DXpedition)	
7195	1505	INDIA	All India Radio,	Delhi with EE Nx, strong.	RS /BV
7215	0340	HUNGARY	Budapest	new freq in Hungarian to Nth. Am // 6000, 9833.	JM
7215	1257	BRUNEI	Radio Brunei	UN news in EE, good.	PR
7245	0729	ALGERIA	RTA Algiers	with 'Beethovens 9th', in FF prgm.	PR
7275	0430	ITALY	RAI Rome	news in EE, fair to sign-off 0440.	DM
7300	0445	ALBANIA	Tirana	in EE with mixed programming, fair.	DM
7412	0500	ISRAEL	Jerusalem // 9820.	PA. EE news, very good. RG. 15465 logged at this time. AC (Latter f req replaced by 12045 on 2/5. JM)	
7592m	0639	CUBA	Hava with nx?	Series of numbers? Fair. (Spy 'numbers'?)	HdJ
9009	2015	ISRAEL	Jerusalem	good with EE nx. FF nx at 2030. RG. 9820 fair 2000-2030 in EE. New frequency ex 9815.	JM
9360	2300	SPAIN	RNE Madrid	good in SS to the Americas.	DM
9510	0330	ETHIOPIA	ETLF Addis Ababa	in FF till 0330, then EE anct. AC. Fair	BCA
9515	0730	TURKEY	Ankara	good in AA, but becoming mixed by about 0755.	RC
9525	1820	INDIA	All India Radio	with talks in EE, very good.	JR
9530	1520	ROUMANIA	Bucharest	with EE talk on local handicrafts, vg.	JR
9540	1200	UZBEK	SSR Radio Tashkent	good in English.	DM
9550	1830	FINLAND	Helsinki	poor in EE, improving to fair, over USSR.	BC
9555	1730	KUWAIT	Radio Kuwait	vg with EE nx to 1745, then pop music.	JR
9570	0400	ROUMANIA	Bucharest	with EE news. DM. Fair with news in EE.	DN
9590	1550	SWITZERLAND	Berne	with DX Show, very good in EE. 25/4.	JR
9615	1400	GREECE	Thessalonika	35kw fair in Greek.	DL
9635	2006	PORTUGAL	Radio Libertade	with PP mx & nx at 2038. RG. Address is c/- Ministerio da Communicao Social, P.O. Box 2495, Restauradores Lisboa 2, Portugal. JM.	
9655	0400	CANADA	RCI exc	in EE to USA. DM. 1115 good in EE with nx, sport.	HdJ
9655	0020	THAILAND	Bangkok	with new service in EE, fair 25/4.	JM
9680+	1213	CUBA	Radio Havana	with SS news, political talk, fair.	HdJ
9700	0400	BULGARIA	Sofia	good with talk on art. JF. EE nx, good. DM. 0425 off.	BA
9715	0929	PHILIPPINES	FEBC Manila	fair-good with EE news 0930.	BCA
9725	0040	BELGIUM	Brussels	in EE to Nth. Am. S/off 0045 fair. New freq.	JM
9725	0438	SWITZERLAND	SBC Berne	with special EE prgm for Easter, exc.	BA
9740+	1136	MAEAYSIA	BBC Tebrau	with play in EE, fair reception.	HdJ
9760	0000	GREECE	Athens	opening prgm to North America.	AC
9770	1030	CUBA	Radio Havana	starting SS prgm. SINPO 43344.	DN
11700+	2220	DOMINICAN REP.	Radio Clarin	fair in SS till f/out 2245.	BV
11705	Q515	EAST GERMANY	RBI	good in EE with mixed prgm.	DM
11730	2345	MALAGASY REP.	RN relay	good with PP Nx for Brazil. DM. 2000 Lopik.	BW
11740	2050	INDIA	All India Radio	with EE commentary, excellent.	JR
11740	0300	SRI LANKA	VOA Colombo	fair.	PA
11750+	0825	JAPAN	Far East Network,	Tokyo with EE hit parade, poor. (10kw)	BV
11775	0719	SWITZERLAND	SBC	with DX prgm, good. DN. 0815 FF, 0830 GG.	DM
11775	2130	SPAIN	RNE Madrid	good in SS at sign-on.	BW
11780	2100	BRAZIL	Radio Nacional	Brasilia vg at s/on in EE. JR Good.	BW
11790	0930	INDONESIA	VOI Jakarta	External Svce in Indonesian, fair. 0000 News, music, ident, fair in Malay-language.	JM
11800	0528	ETHIOPIA	ETLF fair.	PA. (Language, interference, programme? Ed)	BV+
11810	0345	SEYCHELLES	FEBA Mahe	begins tx to Iran with EE anct. RS. 1559 in EE with mx prgm, good. KK+ Testing here // 15270 to Sthn Africa/Indian Ocean 0945-1100. BBC MS. Test to East Africa 0410-0515 on same freqs. V. Goonetilleke UADX vg at 0405. SID	
11830	2030	ETHIOPIA	ETLF Addis Ababa	concluding EE tx, excellent.	PR
11860	2100	NORWAY	Oslo	s/on fair. EE 2200 Sun. Dropped 2/5 for 17795.	BW

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
11900	0510	SOUTH AFRICA	Radio RSA	fair with FF commentary.	DN
11905	0600	WEST GERMANY	Deutsche Welle	fair with EE nx. (Kigali relay?)	DN
11915	0655	ECUADOR	HCJB Voice of the Andes	exc with EE rlg prgm.	BA
11925	1210	UZBEK SSR	Radio Tashkent	strong signals in EE.	RS
11940	1725	BELGIUM	Brussels	EE to Africa 'Brussels Calling' fair. Dutch from 1800. Recent new service.	JM
11970	0727	TUNISIA	Radio Tunis	fair with AA mx. QRM. BA. 0749 poor in AA.	PR
11985	0718	ALBANIA	Radio Tirana	closing EE transmission at 0728.	RG
12050+	0042	USSR	Radio Kiev	with ident & talk in EE. SINPO 35433.	KK
15105	2050	WINDWARD ISLANDS	Radio Grenada	with Cricket relay 13/4, followed by commercial programming.	AC

15120	1820	NIGERIA	Radio Nigeria	Lagos fair in EE.	PR
15165	0725	DENMARK	Copenhagen	int sig, then sign-on in Danish.	PR
15175	2010	NORWAY	Oslo	good with Nx, cmtry in EE. (Sunday GMT) JF. 1153 good.	KK
15220	0700	SOUTH AFRICA	Radio RSA	brief EE nx, int. sig then FF, very good.	PE
				0715 excellent in FF. PR. 0611 s/on 0615 with nx in EE.	BV+
15255+	1200	EAST GERMANY	Radio Berlin International	with nx, cmt in EE.	KK
15390	0415	PHILIPPINES	FEBC Manila	fair in EE with rlg prgm.	DM
15415	0100	AUSTRALIA	RA Carnarvon	exc with mx. DN. 0442 fair-good in EE.	HdJ
15435	2330	MALAYSIA	BEC Far Eastern Station, Tebrau	good with W.S. till s/off with local ident 0030.	BC
15400	0800	SPAIN	RNE Madrid	now opens at this time. Noted 13/4.	AC
17700	0730	USSR	Radio Tikhoyean (Radio Pacific Ocean)	Vladivostok in RR.	PR
17775	0800	USSR	Radio Moscow	in EE to Aust/NZ to 1000. Fair, new freq // 17700, 15130, 15255 - all noted 24/4.	JM
17810+	0930	MADAGASCAR	Radio Nederland	relay good in Indonesian, id, nx.	BV
17880	0001	MALAYSIA	BEC Tebrau	with World Service Nx relay, good.	JF

LATE ITEMS

4820	0600	VENEZUELA	Radio Tricolor	hrd regularly since early May till after 0900, when blocked by co-channel QRM.	JM DL CD
4832	1000?	ECUADOR	Luz y Vida	now here causing severe het with Radio Reloj de Costa Rica. Radio Capital ids not hrd lately.	CD
4875	1849	SOUTH AFRICA	Radio RSA	External Svce best on band (besides VLM4) concluding FF tx. Int sig till 1855 s/on in PP.	BC

CONTRIBUTORS: Thanks this month to newcomers DN Daryl New JR John Ridge KK Kenzo Kinoshita (Japan) DM Des Mills, a big welcome back to RG Ross Gibson, and our regulars....

PE Paul Edwards PA Paul Aronsen ECA Bruce Cavanagh AC Arthur Cushen
 EC Bryan Clark JF Jack Farrow JM John Mainland BW Brian Withers
 BA Brent Allred CD Chris Davis PO Paul Ormandy PR Paul Rawdon
 RS Rod Saintry HdJ Hans de Jong and BV Bill Vogel from Australia.
 DL Dene Lynneberg RCR Ray Crawford. Another great effort! Thank you!

BEC/DEUTSCHE WELLE - CARIBBEAN RELAY BASE - PROPOSED FREQUENCY SCHEDULE

For May-August schedule period, as published in IFRB Circular 1207 dated 30 March 1976. This is a tentative sked submitted by one of the 2 broadcasters, probably BEC, and the location for all transmitters is shown as Antigua, except 5995kHz 50kw which is indicated as being at Montserrat. Antigua transmitters are 250kw. (2) indicates 2 x 250kw sked at time shown. DL

5995kHz	0115-0315hrs GMT	6175kHz	0430-0730hrs GMT	9765kHz	2145-0015hrs GMT
6010	0115-0200	9545	0400-0530	9765(2)	0015-0415
6055(2)	1945-2115	9590	2115-0115	11765	0215-0400
6065	0515-0600	9605	0600-1000	11810	1145-1400
6085(2)	1045-1330	9735	1000-1130		

A similar sked, announced by HCJB DX Party Line and published in NASWA Log Report 4/76 shows the 50kw 5995 as non-directional, 6010 beamed to Nth. Amer-ica/Mexico, 6065, 9545, 9605, 9735 all to West of South America, 11765 and 11810 to Mexico/Caribbean, 9765 to South-West South America, 9590 to Sth. Am and 11810 to North America/Caribbean. At a guess, this should be on in a month or two so keep an eye out for test transmissions!

ARTHUR CUSHEN'S SHORTWAVE REVIEW

19

On 2 May many frequency and schedule changes came into operation, to remain in effect until early September. Canada has retimed its service to NZ. Spain has altered its transmission to Australia, and on the lower frequencies, interesting signals are still being received. All times are GMT - add 12 hours for NZT. All frequencies are in kilohertz.

CANADA. Radio Canada has retimed its service to the South Pacific to 1000-1100 on 5970 and 9625kHz. The transmission to Africa at 0600-0800 is now on the new frequency of 9680kHz, in French 0600, English 0620, French 0640, and so on to 0800. Sackville is used for 6145, 9680, 11915, and Daventry 6125, 7155, 11720.

ETHIOPIA. ETLF is heard in French up to 0300, and then in Malagasy up to 0355 on 9510kHz. The frequency is blocked by the BBC up to 0328 GMT.

FINLAND. Helsinki broadcasts to Europe 0600-0800 on 15105kHz with English at 0730-0800 daily.

GREECE. Athens beams to North America 0000-0350 on 9760. The signal is mixed with Moscow at sign-on, and English is noted 0215-0230.

HUNGARY. Budapest 5965kHz is heard at 2130 and 2155 in English to Europe. Other frequencies announced were 7180, 7200, 9655, 11910, 15415 and 17780kHz.

INDONESIA. RRI Jayapura on 6070 and 7120kHz opens at 0800 GMT.

ISRAEL. IBA now uses 15465 in English at 0500-0515 is well received on this new frequency.

KOREA (SOUTH). Radio Korea, Seoul has retimed its English broadcasts. All programmes are of 30 minutes duration, and the frequencies are 7150, 9600, 9640 and 11860kHz. To America at 0400, 1000, 1530, 1800. To South America 1000. To Europe 0200, 1130, 2000. To South East Asia at 2300.

PORTUGAL. Radio Messias has verified by letter and advises that they operate Saturdays at 1545 in Spanish, 1600 Russian, 1615 German, using the Sines transmitter on 9670kHz. They also broadcast over Radio Luxembourg 6090kHz on Saturdays at 2130-2145 in Portuguese. Gospel programmes are broadcast and the address is Box 1204, CH-6002 Luzern, Switzerland.

SPAIN. Madrid has retimed its Spanish service to Australia and the Philippines and now opens an hour earlier at 0800, using 11730 and 15440kHz.

+SRI LANKA. The DX Session 'Radio Monitors International' celebrates its first anniversary on Sunday 30 May at 0415GMT with a special programme on 15425kHz. Adrian Peterson, who conducts the session, will play taped greetings from Victor Goonetilleke and Arthur Cushen.

SWEDEN. Stockholm, in its transmission to Australia and NZ at 0630-0800 remain -s on 11705kHz with the relay of the Swedish Home Service. Radio Sweden is now broadcasting to North America in English 0000-0030 on 11955kHz, but reception in NZ is mixed with BBC Far Eastern Station at Tebrau.

USA. VOA has been heard with the Breakfast Show at 0530 on the out-of-band frequency of 5775kHz.

WINDWARD ISLANDS. Radio Grenada has been heard with cricket relays at 2000 to 2050 on 15105kHz.

ODDS & ENDS: According to recent Slovakian newspapers, the Soviet Union will deliver 4 SW transmitters of 250kw each to Radio Prague for its external services. They will be delivered between 1976 and 1980. SCDX 13/4

+Further to the above info on Sri Lanka, advice direct from Adrian Peterson gives broadcast time for Southern Asia's only DX programme as 0420 GMT and a second frequency 9720kHz is also used, though propagation will not favour NZ reception on this frequency. Each edition of "Radio Monitors International" contains a special feature, usually a close-up look at a well known station. Adrian is an Australian currently resident in Asia, a League member and a DXer since the late 1930's, with a collection of some 4000 QSLs.

..sign off..

ANDORRA Since 18 March, Radio Andorra 5995kHz has been on-air daily 0600 to 0700 in French with a repeat at 1130-1230. Transmission time is due to be extended to 0600-1500. SCDXers 30/3 (VOA Greenville & Radio Australia on the frequency in these time bands as at 30/4 but just might be clear after May 2nd Seasonal Frequency Changes.Ed)

RADIO PEKING's transmission sked for Australia & NZ is 0830-0930 and 0930-1030 on 7035, 9380, 9460, 11445 and 15060kHz. Brent Allred

UGANDA will soon have QSL cards, and also plans to start transmissions in the period 1700-2100 GMT on 11705, 11740, 11845, 15455 or 17815kHz. Keep an eye on these frequencies.

Mike Bolitho NASWA Hotline

SAUDI ARABIA Current sked includes - Turkish 1700-1800 on 6080, Swahili on 21520 at 1600-1650, Persian 1500-1550 on 11825, Urdu 1400-1450 on 17740 and Indonesian 1300-1350 on 21490. P.Ormandy

RHODESIA RBC's sked as at 1/76 was:- English General Service on 6020, 5012 & 3396 as follows: 0355-0600 90m; 0600-0630 90,60m; 0630-0645 60m; 0645-1000 60,49m; 1000-1400 49m; 1400-1500 49,60m 1500-1515 60m; 1515-1600 60m,90m; 1600 till closedown on 90m. Sunday s/on 0500. African Service in EE & vernacs on 5975 4828, 3306kHz as follows: 0330-0600 90m 0600-0615 90,60m; 0615-0630 60m; 0630-1000 60,49m; 1000-1400 49m; 1400-1515 49,60m; 1515-1530 60m; 1530-1600 60,90m 1600-signoff on 90m. Sunday s/on 0500.

Mike Harvester NASWA

market square

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FINLAND The Finnish Broadcasting Company celebrates its 50th anniversary this year, beginning on 29 May, the date that the company was founded in 1926, and reaching a climax in September. A special verification card will be issued for reports during September and there will be a commemorative stamp issue. The new 250kw transmitter is expected to be operational by June. SCDXers 6/4/76

INDONESIAN SURVEY Updating the listing which appeared in the December "Times"
2440 1530 RRI Surakarta with music.
2475 1230 Radio Angatan with jazz mx.
2830 1230 R.Palankaraye, music,talks.
3305 1525 RPKD Tingkat Satu s/off.
3360 1435 RDK Lahat, Bali.
3925 1500 RRI Bogor with news.
4376 1515 RPKD Soppeng Sulawesi Selatan, ident after news.

5970 1455 RRI Banjarmasin.
5987 0935 RRI Manado.
7075 1122 RRI Jakarta drift frm 7065.
Paul Ormandy

KENYA New 20kw and 100kw transmitters are being installed in Nairobi, according to J.O.Akio. DSWCI via NASWA

YEMEN (ADEN)'s schedule for May-August according to IFRB is 5970kHz 0300-0530, 1100-2200 on 11770kHz, 0300-0530 1100-1700, 1715-1845, 1900-2200 all on 7190kHz. Breaks presumably for antenna changes. All transmitters 100kw.

Dene Lynneberg